

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115227.D
 Acq On : 27 Jun 2019 10:39
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 11:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	232981	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	938398	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	455770	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	879108	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	628869	20.00	ng	-0.03
87) Perylene-d12	15.08	264	749893	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1117634	74.03	ng	-0.02
7) Phenol-d6	6.24	99	1342688	73.27	ng	-0.02
23) Nitrobenzene-d5	7.17	82	1182546	77.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	394117	82.00	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2166642	80.75	ng	-0.02
79) Terphenyl-d14	12.68	244	2362865	79.89	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	262367	36.822	ng	98
3) Pyridine	2.80	79	703412	35.026	ng	98
4) n-Nitrosodimethylamine	2.75	42	262817	33.382	ng	94
6) Aniline	6.26	93	906358	35.988	ng	97
8) 2-Chlorophenol	6.38	128	640789	37.746	ng	99
9) Benzaldehyde	6.14	77	422273	35.321	ng	97
10) Phenol	6.25	94	772101	35.970	ng	82
11) bis(2-Chloroethyl)ether	6.34	93	589218	37.239	ng	97
12) 1,3-Dichlorobenzene	6.54	146	723225	38.386	ng	97
13) 1,4-Dichlorobenzene	6.62	146	730081	38.643	ng	99
14) 1,2-Dichlorobenzene	6.77	146	686038	39.211	ng	99
15) Benzyl Alcohol	6.75	79	486965	36.494	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	847342	36.923	ng	98
17) 2-Methylphenol	6.86	107	507433	36.212	ng	99
18) Hexachloroethane	7.11	117	264425	38.822	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	414785	35.356	ng	99
20) 3+4-Methylphenols	7.02	107	606198	37.465	ng	# 84
22) Acetophenone	7.01	105	810170	37.712	ng	# 97
24) Nitrobenzene	7.18	77	646658	38.478	ng	96
25) Isophorone	7.42	82	1149078	36.771	ng	99
26) 2-Nitrophenol	7.50	139	353556	42.600	ng	94
27) 2,4-Dimethylphenol	7.55	122	521118	38.350	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	753754	38.162	ng	100
29) 2,4-Dichlorophenol	7.74	162	544254	38.811	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	616950	39.829	ng	99
31) Naphthalene	7.90	128	1808530	39.262	ng	100
32) Benzoic acid	7.67	122	320020	32.993	ng	99
33) 4-Chloroaniline	7.95	127	794239	37.727	ng	98
34) Hexachlorobutadiene	8.03	225	350369	41.276	ng	99
35) Caprolactam	8.32	113	170922	36.253	ng	93
36) 4-Chloro-3-methylphenol	8.44	107	539731	38.004	ng	99
37) 2-Methylnaphthalene	8.59	142	1198288	38.582	ng	98
38) 1-Methylnaphthalene	8.69	142	1147605	38.688	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	526287	40.863	ng	100

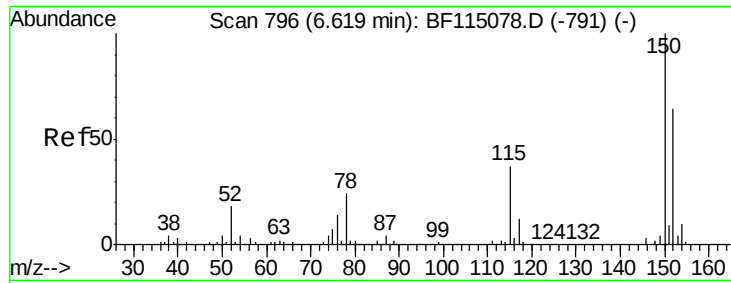
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	314961	41.242	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	396760	39.903	ng	97
44) 2,4,5-Trichlorophenol	8.91	196	414047	40.436	ng	96
46) 1,1'-Biphenyl	9.06	154	1406772	38.575	ng	99
47) 2-Chloronaphthalene	9.08	162	1160693	39.237	ng	99
48) 2-Nitroaniline	9.17	65	337862	39.176	ng	91
49) Acenaphthylene	9.49	152	1792341	38.889	ng	100
50) Dimethylphthalate	9.36	163	1320511	39.381	ng	100
51) 2,6-Dinitrotoluene	9.41	165	301473	38.943	ng	98
52) Acenaphthene	9.66	154	1133606	39.307	ng	98
53) 3-Nitroaniline	9.58	138	357102	37.800	ng	97
54) 2,4-Dinitrophenol	9.68	184	170046	46.113	ng	94
55) Dibenzofuran	9.83	168	1563344	37.768	ng	100
56) 4-Nitrophenol	9.74	139	287775	37.996	ng	97
57) 2,4-Dinitrotoluene	9.81	165	403051	40.322	ng	98
58) Fluorene	10.17	166	1116150	39.728	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	343268	39.979	ng	99
60) Diethylphthalate	10.06	149	1309120	38.839	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	554616	41.876	ng	98
62) 4-Nitroaniline	10.19	138	365598	38.576	ng	98
63) Azobenzene	10.32	77	1176308	37.363	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	208208	44.872	ng	93
66) n-Nitrosodiphenylamine	10.28	169	1056762	38.584	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	385546	40.450	ng	96
68) Hexachlorobenzene	10.72	284	422617	40.850	ng	99
69) Atrazine	10.82	200	334337	37.948	ng	99
70) Pentachlorophenol	10.91	266	273340	41.472	ng	98
71) Phenanthrene	11.12	178	1761490	37.215	ng	100
72) Anthracene	11.17	178	1812508	37.935	ng	99
73) Carbazole	11.32	167	1631668	38.244	ng	99
74) Di-n-butylphthalate	11.68	149	1977515	40.111	ng	99
75) Fluoranthene	12.30	202	1812565	38.381	ng	98
77) Benzidine	12.42	184	1027242	36.787	ng	98
78) Pyrene	12.52	202	1882929	38.961	ng	99
80) Butylbenzylphthalate	13.16	149	848207	39.770	ng	98
81) Benzo(a)anthracene	13.71	228	1757328	38.945	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	653336	40.095	ng	98
83) Chrysene	13.74	228	1632150	39.487	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1134952	40.612	ng	# 98
85) Di-n-octyl phthalate	14.34	149	1932806	41.163	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	2013058	41.158	ng	99
88) Benzo(b)fluoranthene	14.72	252	1829171	39.092	ng	100
89) Benzo(k)fluoranthene	14.74	252	1549045	36.916	ng	98
90) Benzo(a)pyrene	15.04	252	1641468	38.922	ng	98
91) Dibenzo(a,h)anthracene	16.37	278	1623665	41.239	ng	100
92) Benzo(g,h,i)perylene	16.74	276	1661226	41.688	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

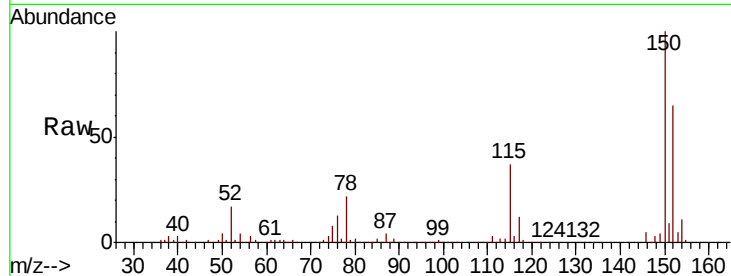


#1

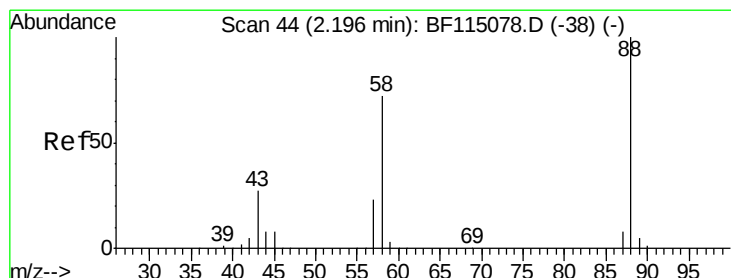
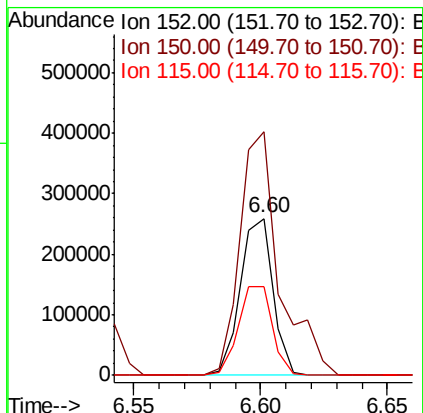
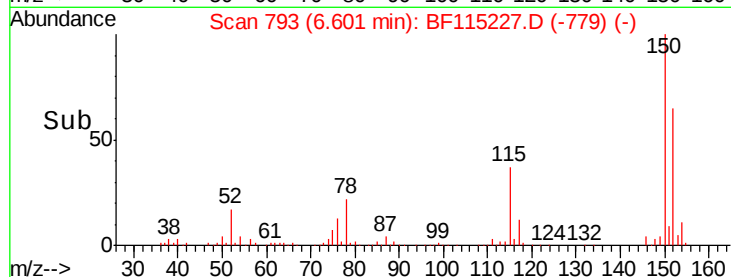
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	56.6	46.1	69.1



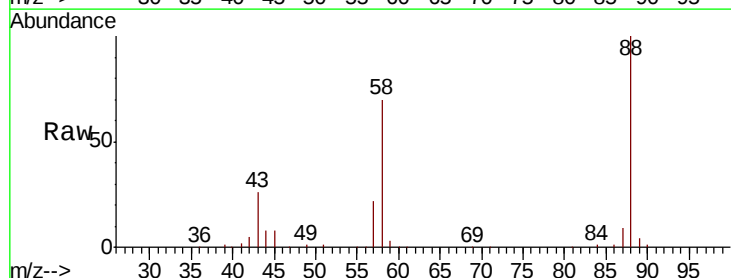
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



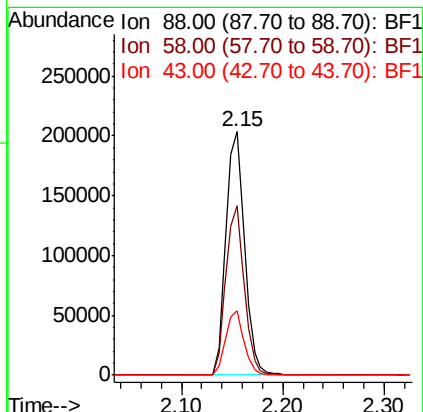
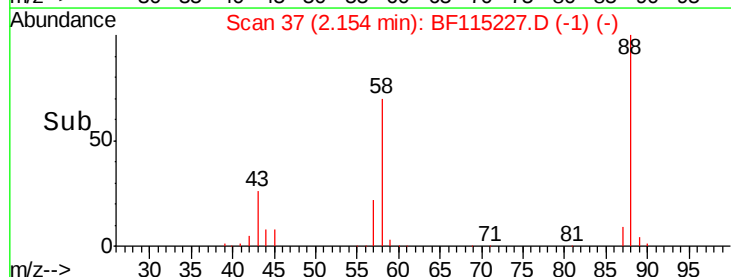
#2

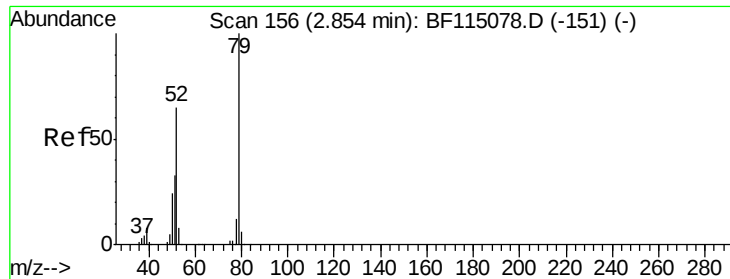
1,4-Dioxane
Concen: 36.822 ng
RT: 2.15 min Scan# 37
Delta R.T. -0.04 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	56.1	84.1
43	25.7	21.3	31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.026 ng

RT: 2.80 min Scan# 147

Delta R.T. -0.05 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

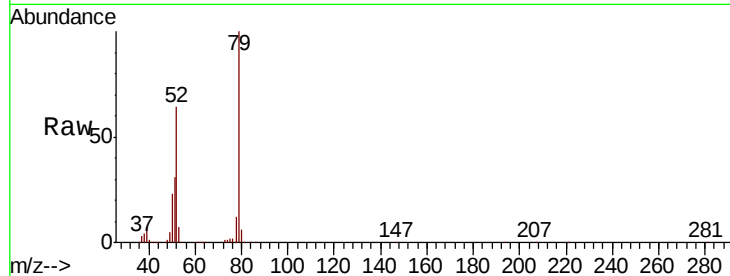
Tot Ion: 79 Resp: 703412

Ion Ratio Lower Upper

79 100

52 63.6 52.3 78.5

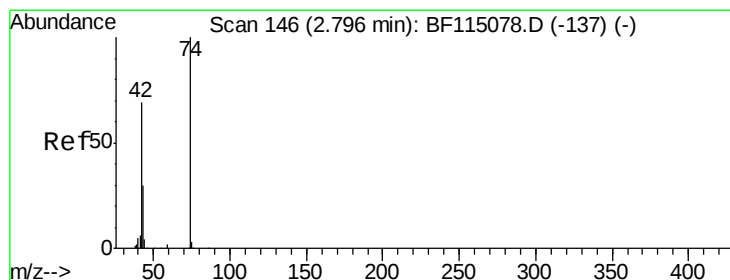
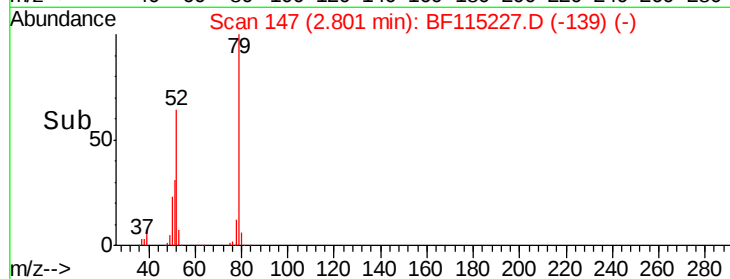
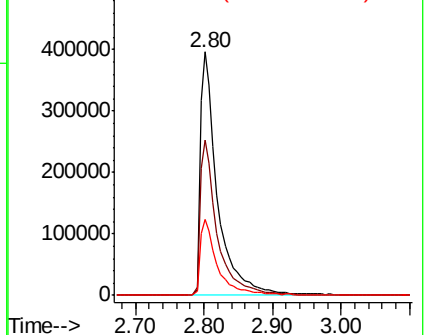
51 31.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.382 ng

RT: 2.75 min Scan# 138

Delta R.T. -0.05 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

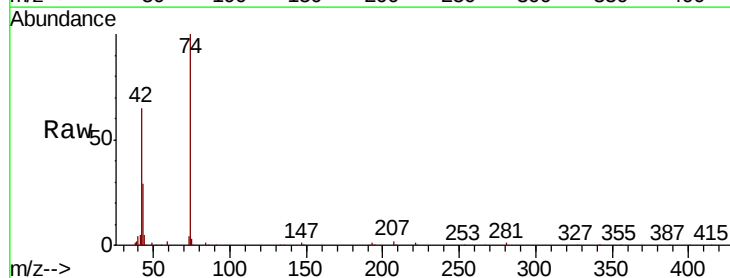
Tgt Ion: 42 Resp: 262817

Ion Ratio Lower Upper

42 100

74 153.3 116.6 175.0

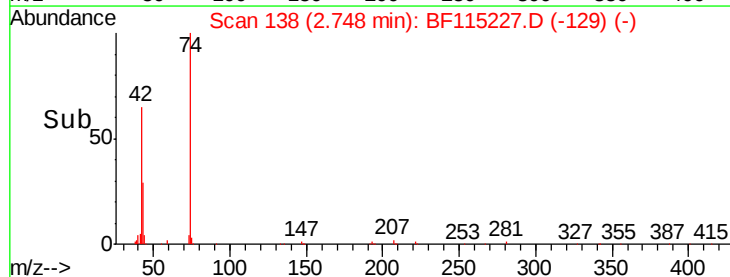
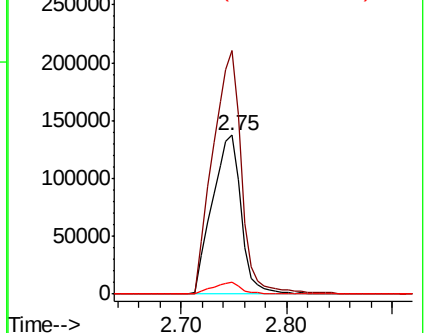
44 7.1 5.3 7.9

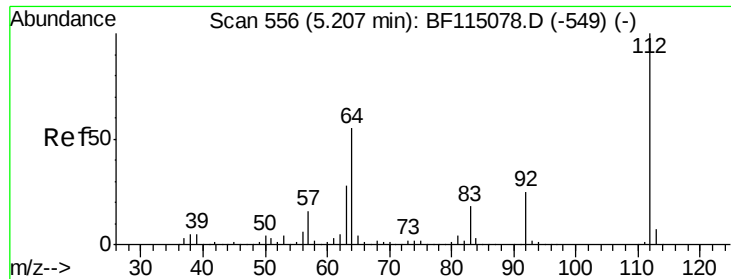


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.027 ng

RT: 5.19 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

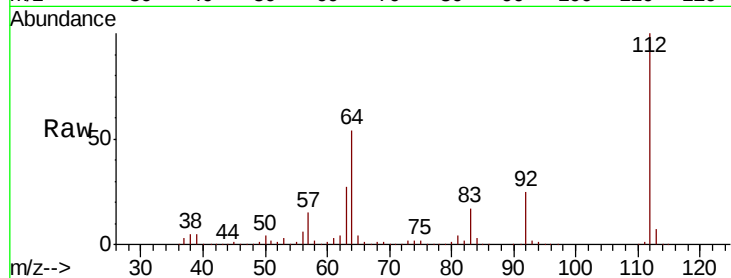
Tot Ion:112 Resp: 1117634

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

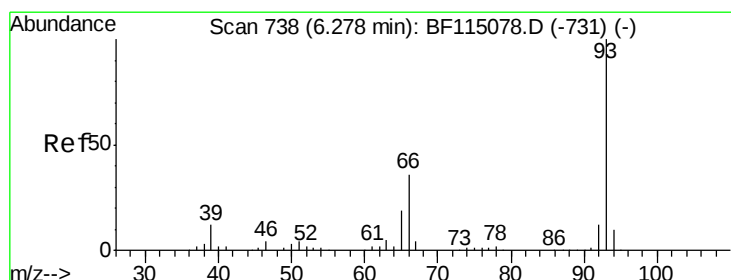
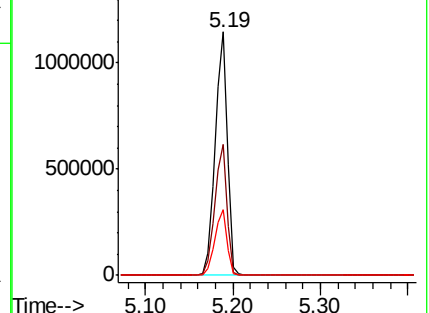
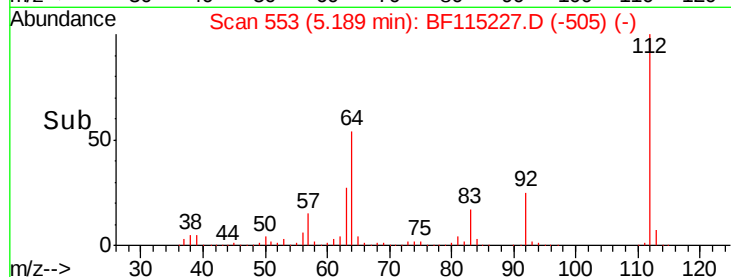
63 27.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.988 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

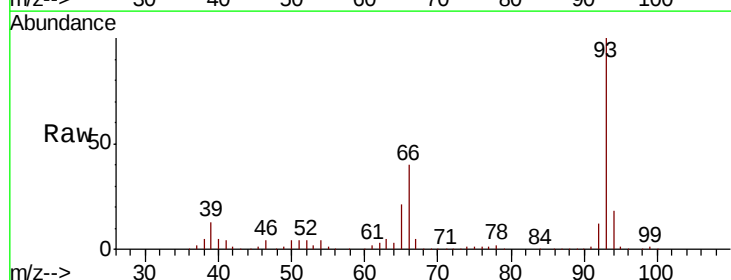
Tgt Ion: 93 Resp: 906358

Ion Ratio Lower Upper

93 100

66 39.6 30.0 45.0

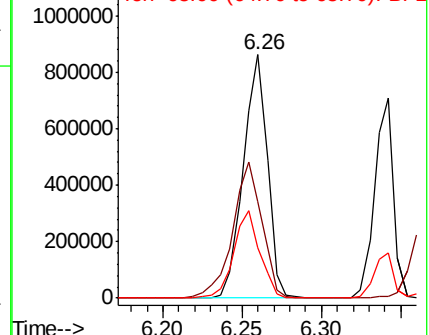
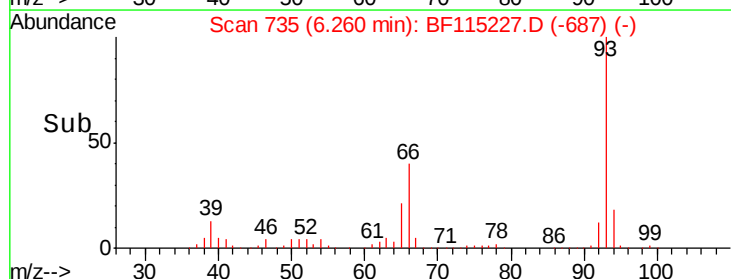
65 20.6 15.6 23.4

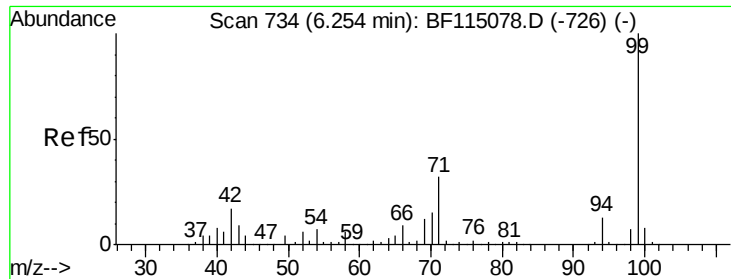


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.272 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

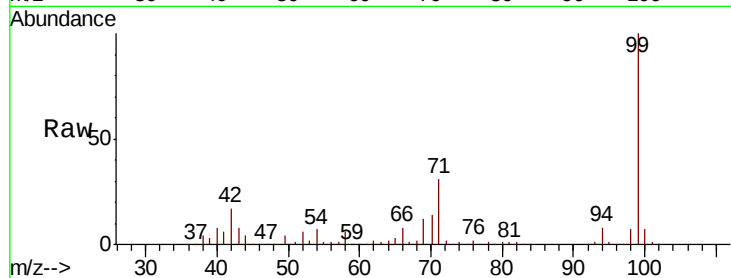
Tot Ion: 99 Resp: 1342688

Ion Ratio Lower Upper

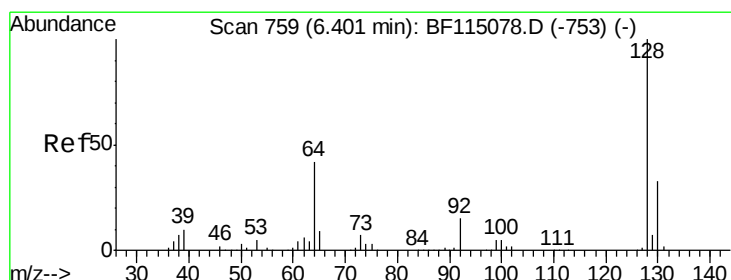
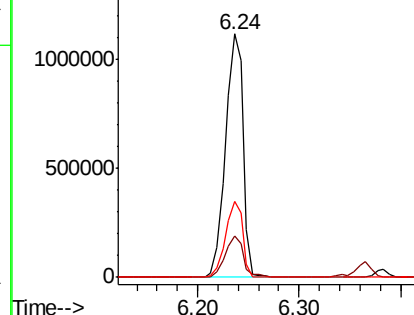
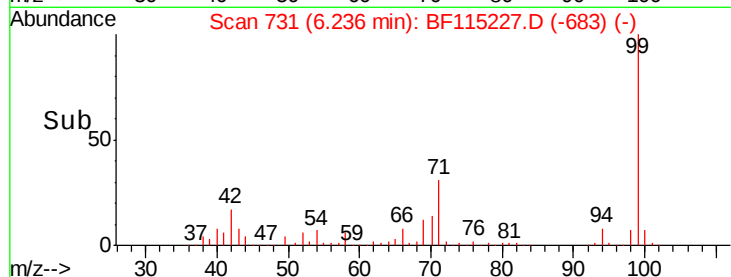
99 100

42 17.0 13.6 20.4

71 31.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.746 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

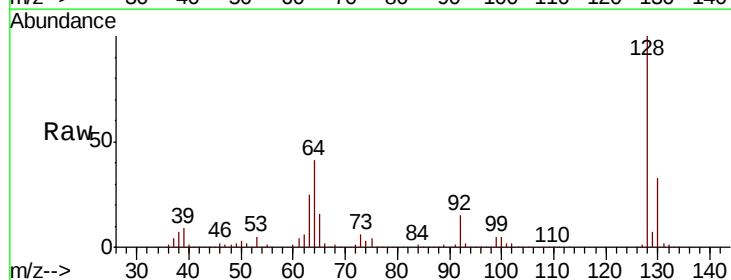
Tgt Ion:128 Resp: 640789

Ion Ratio Lower Upper

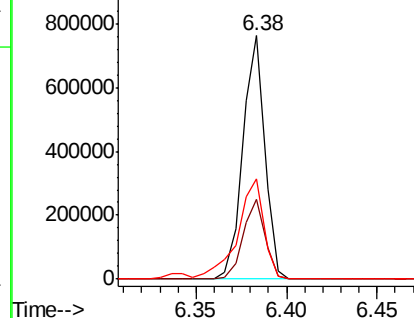
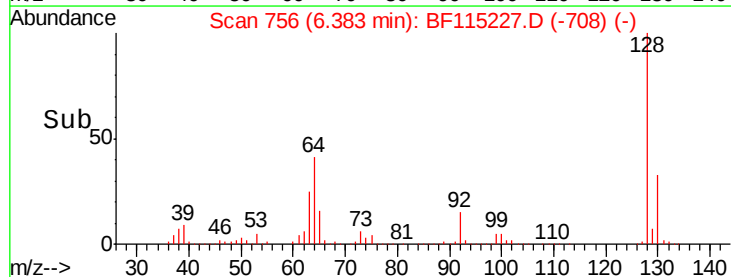
128 100

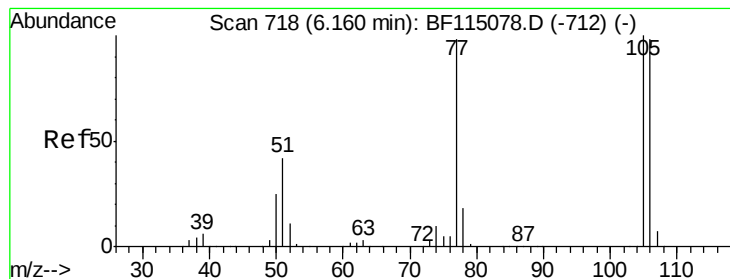
130 32.9 12.9 52.9

64 41.3 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.321 ng

RT: 6.14 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

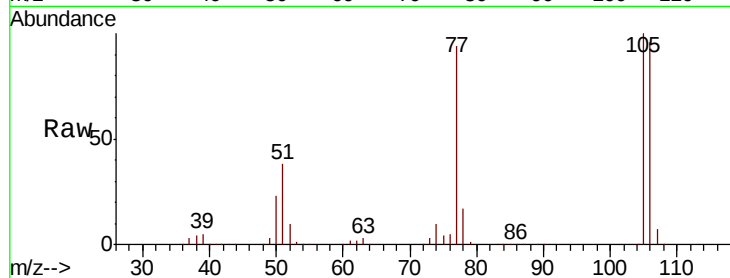
Tot Ion: 77 Resp: 422273

Ion Ratio Lower Upper

77 100

105 106.0 81.5 121.5

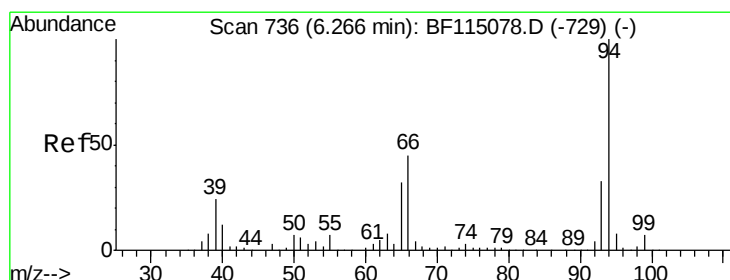
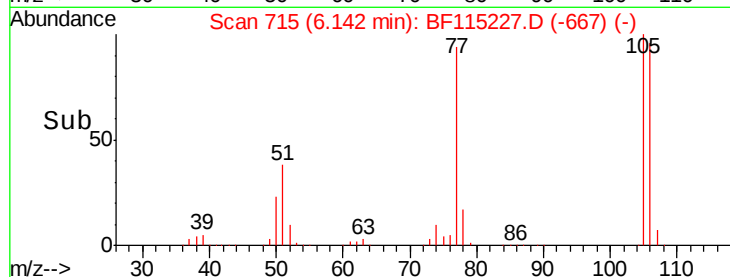
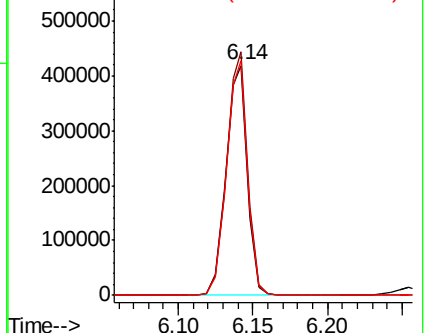
106 102.2 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.970 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

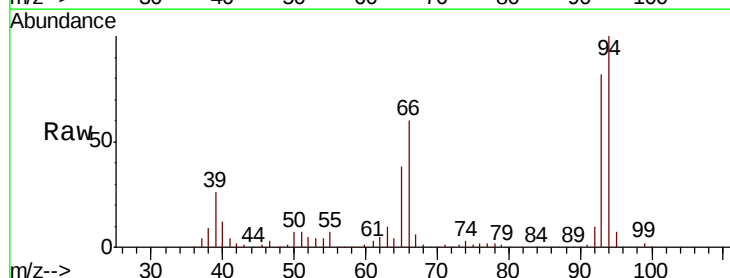
Tgt Ion: 94 Resp: 772101

Ion Ratio Lower Upper

94 100

65 38.4 11.9 51.9

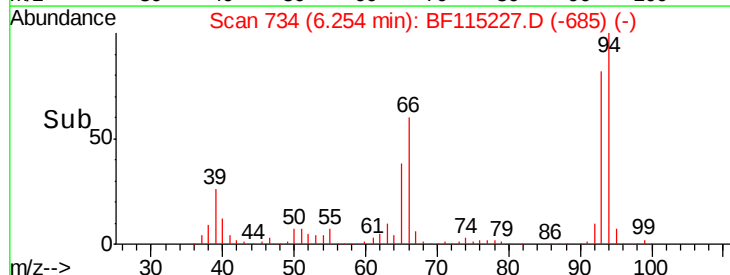
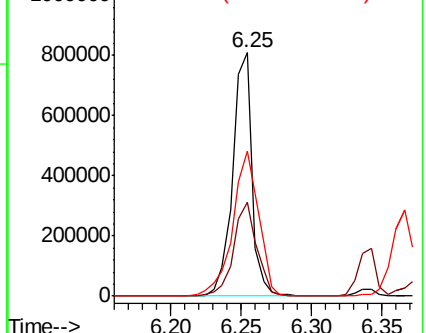
66 59.6 25.2 65.2

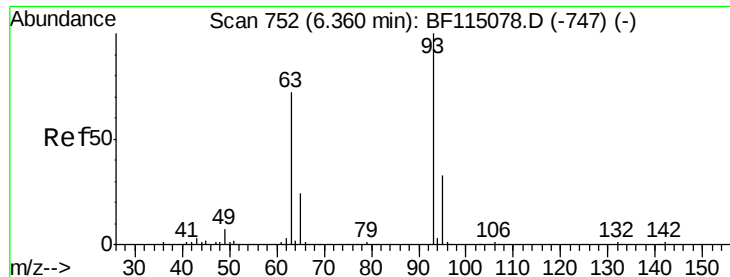


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

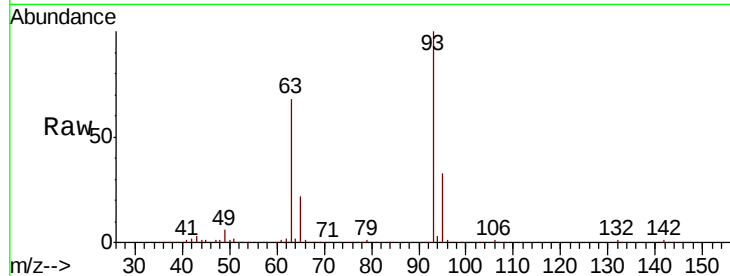




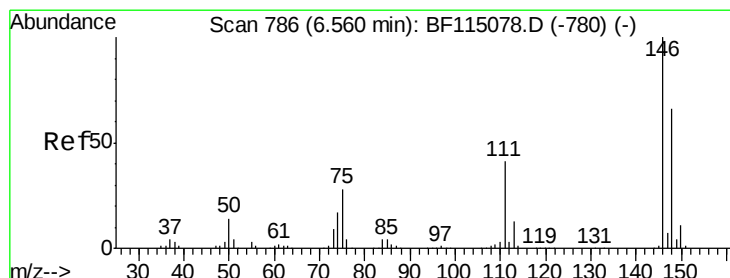
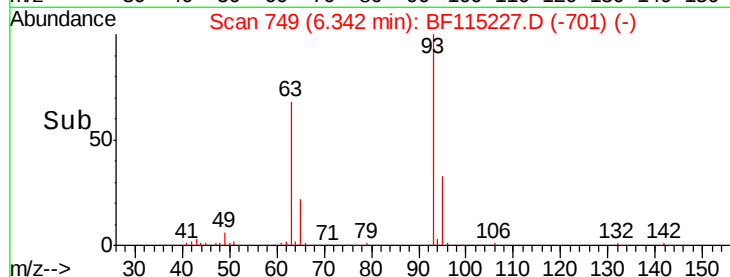
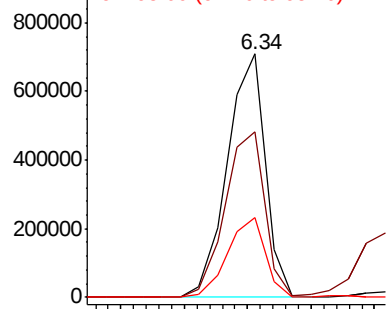
#11
bis(2-Chloroethyl)ether
Concen: 37.239 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 589218
Ion Ratio Lower Upper
93 100
63 68.1 51.5 91.5
95 32.8 13.4 53.4

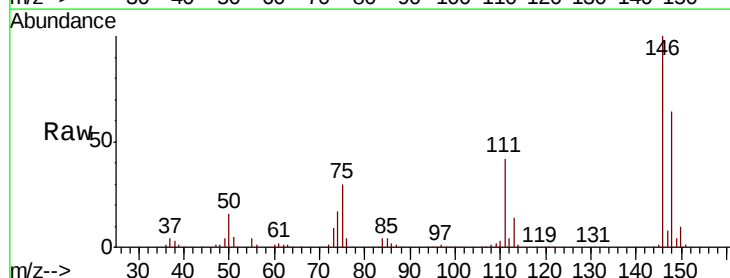


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

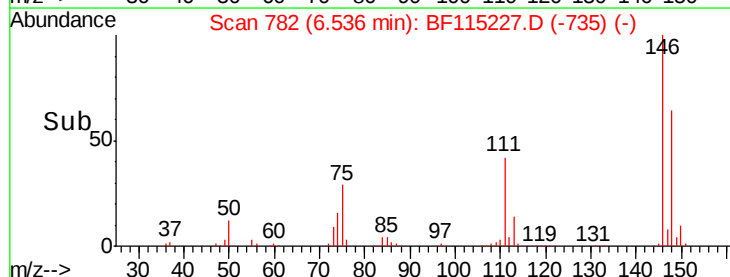
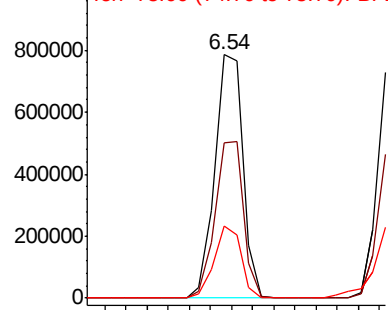


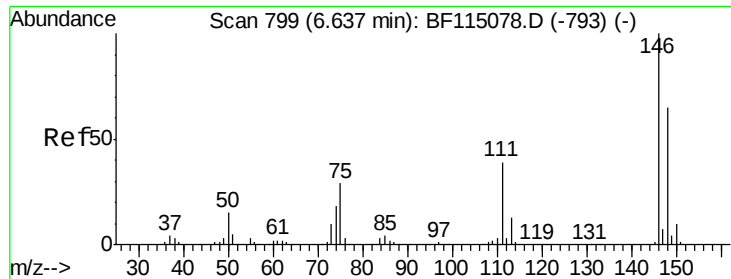
#12
1,3-Dichlorobenzene
Concen: 38.386 ng
RT: 6.54 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion: 146 Resp: 723225
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 29.6 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

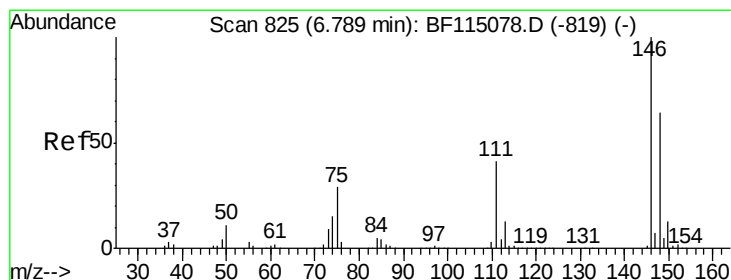
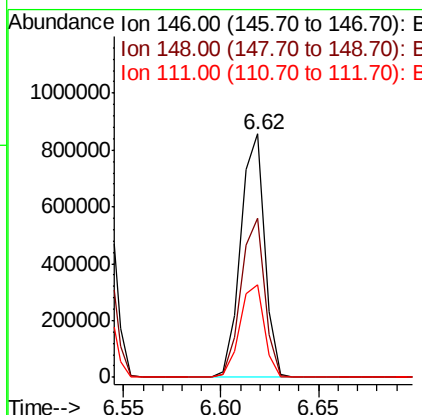
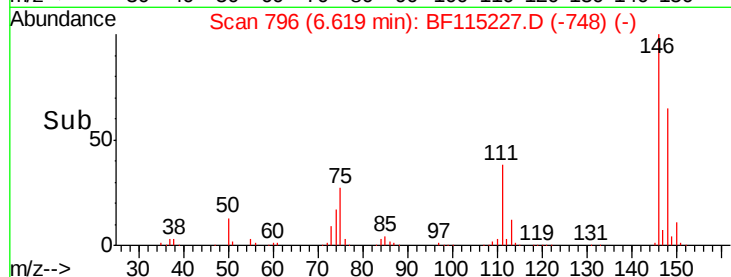
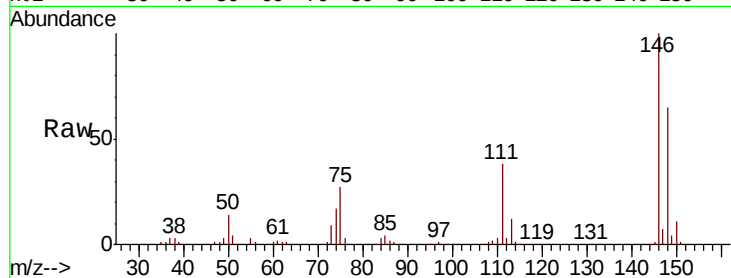




#13
 1,4-Dichlorobenzene
 Concen: 38.643 ng
 RT: 6.62 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

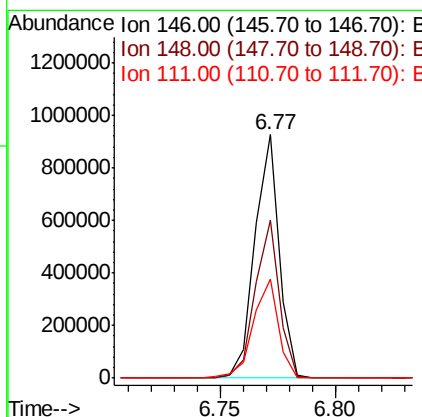
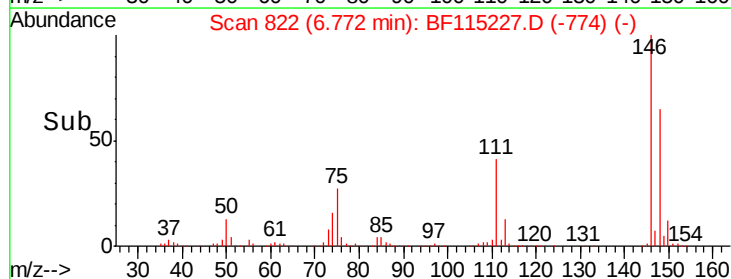
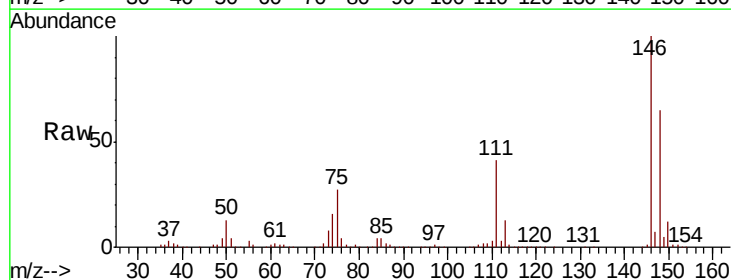
Instrument :
 BNA_G
 ClientSampleId :

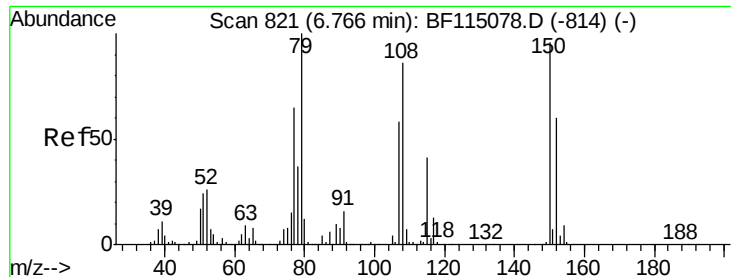
Tot Ion:146 Resp: 730081
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 38.0 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 39.211 ng
 RT: 6.77 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:146 Resp: 686038
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 40.8 33.2 49.8

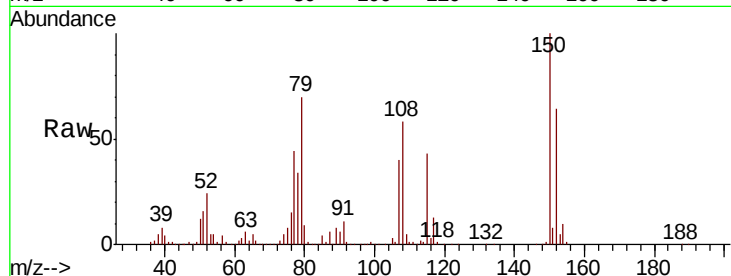




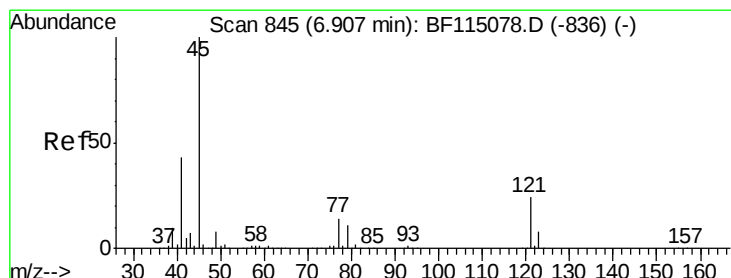
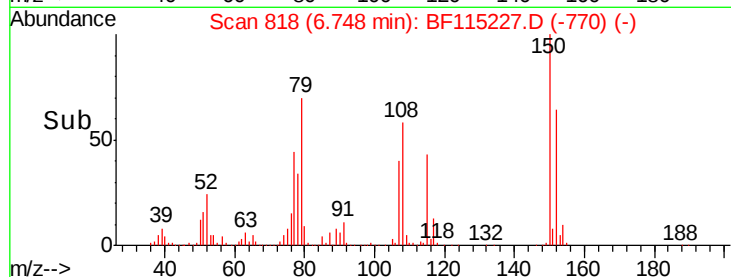
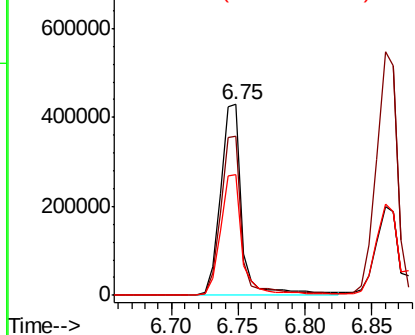
#15
Benzyl Alcohol
Concen: 36.494 ng
RT: 6.75 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 486965
Ion Ratio Lower Upper
79 100
108 83.7 68.7 103.1
77 63.1 51.7 77.5

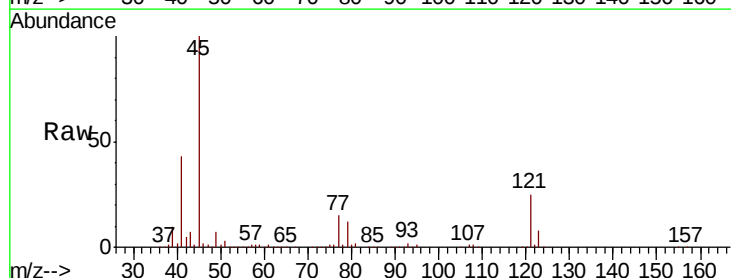


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

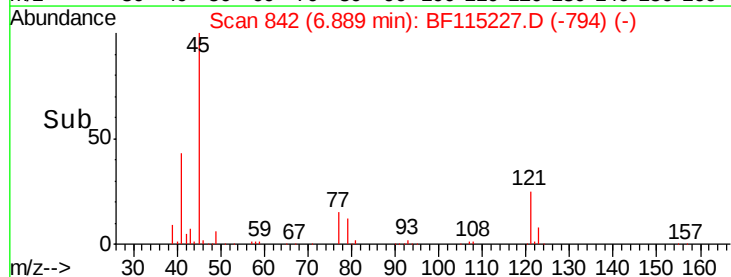
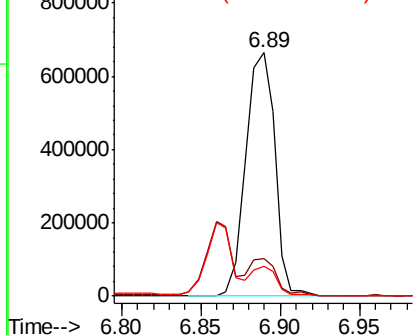


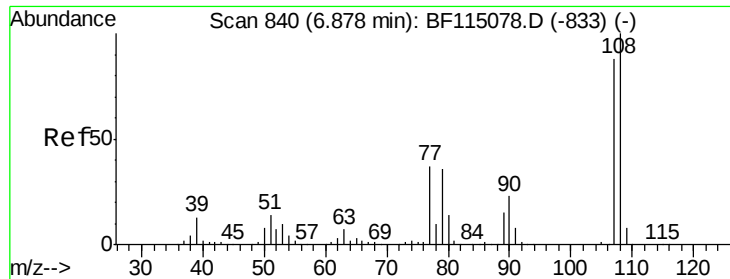
#16
2,2'-oxybis(1-chloropropane)
Concen: 36.923 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion: 45 Resp: 847342
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 12.2 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

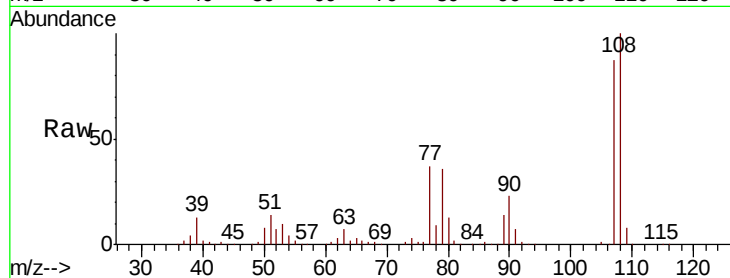




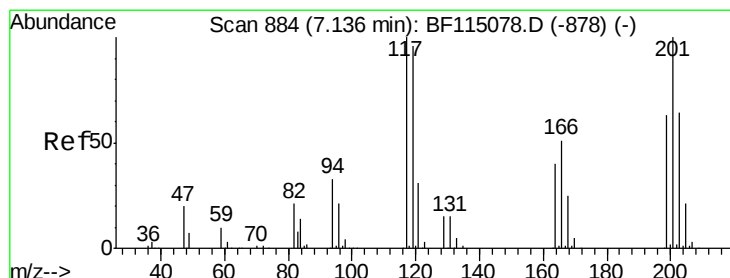
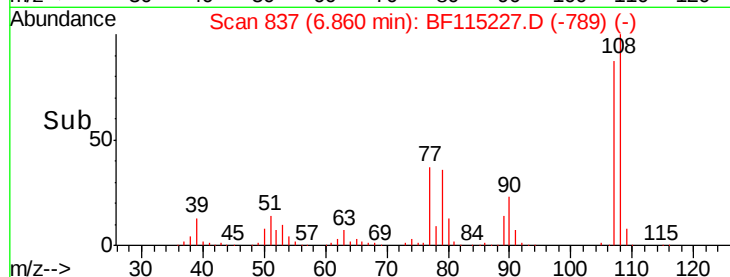
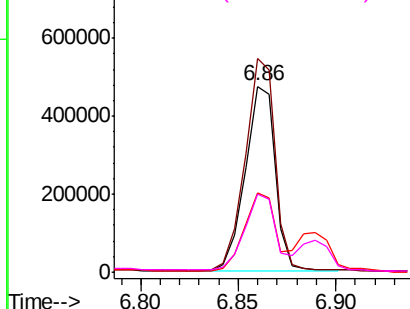
#17
2-Methylphenol
Concen: 36.212 ng
RT: 6.86 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	507433
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.9	136.3
77	42.8	33.4	50.2
79	41.8	32.3	48.5

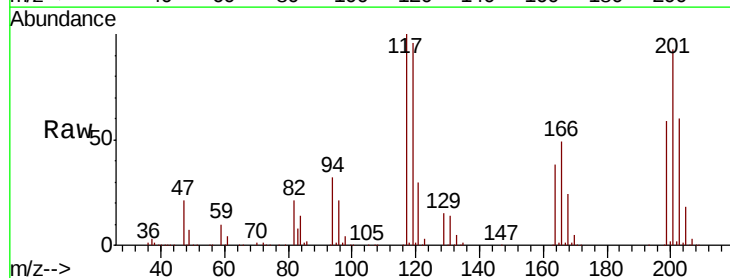


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

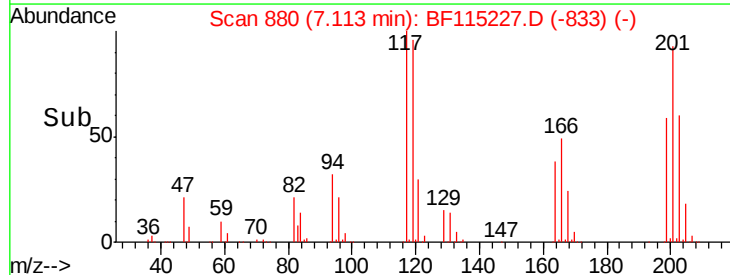
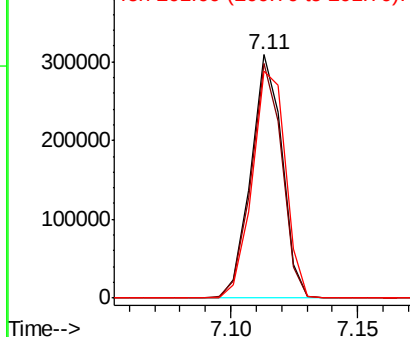


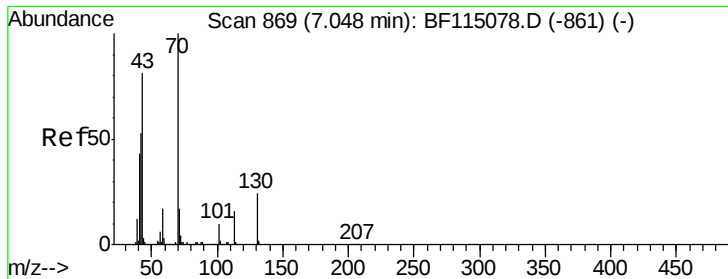
#18
Hexachloroethane
Concen: 38.822 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:	117	Resp:	264425
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	93.4	80.2	120.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

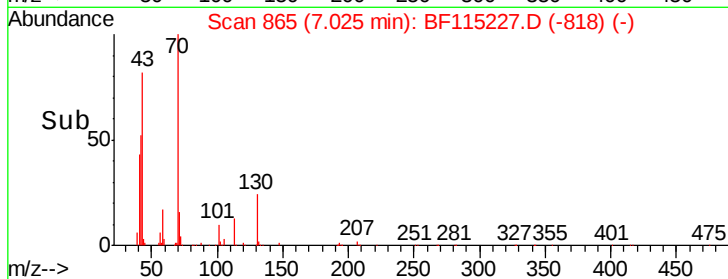
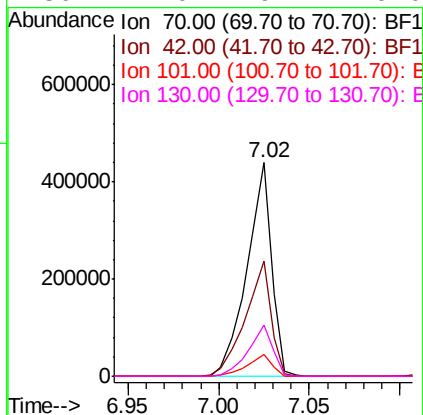
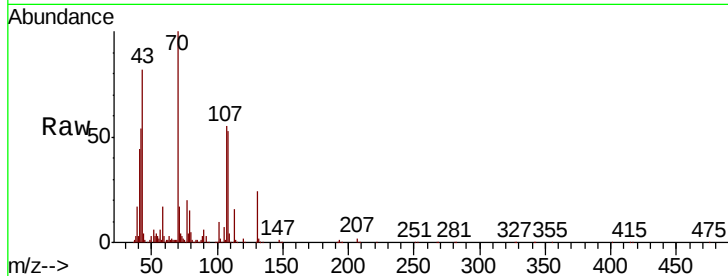




#19
n-Nitroso-di-n-propylamine
Concen: 35.356 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

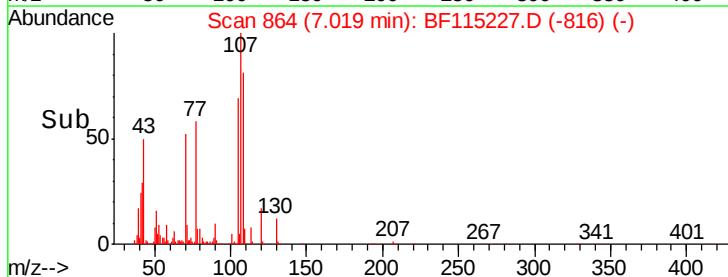
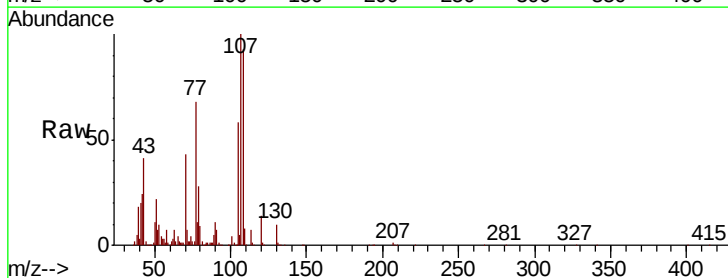
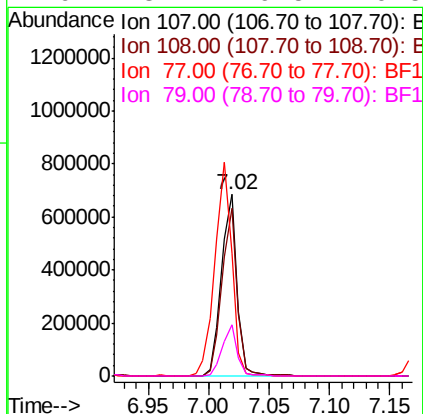
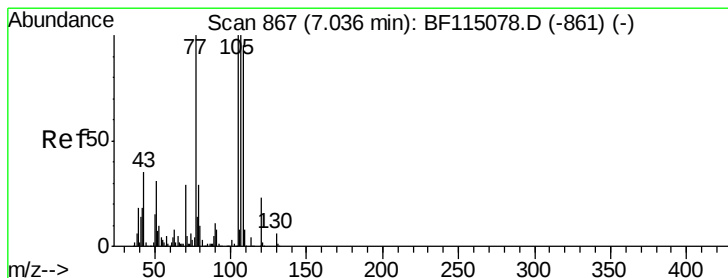
Instrument :
BNA_G
ClientSampleId :

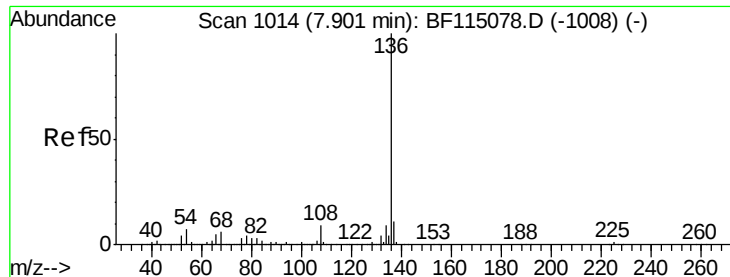
Tot Ion:	70	Resp:	414785
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.2	8.0	12.0
130	24.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.465 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:	107	Resp:	606198
Ion	Ratio	Lower	Upper
107	100		
108	92.5	75.5	115.5
77	67.9	80.2	120.2#
79	28.2	9.5	49.5

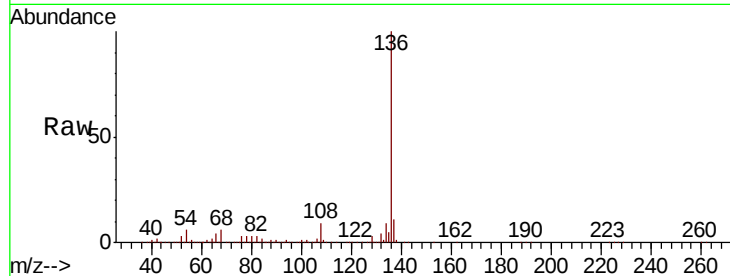




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 938398
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.2	5.6 8.4
68 5.5	4.8 7.2



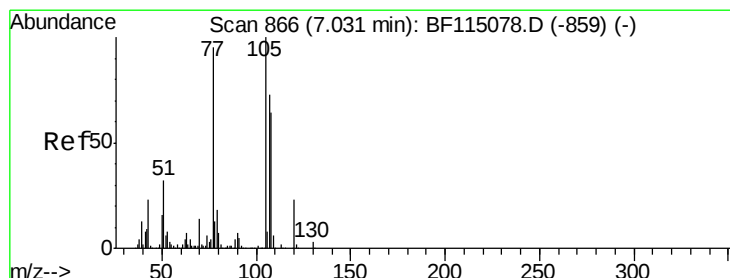
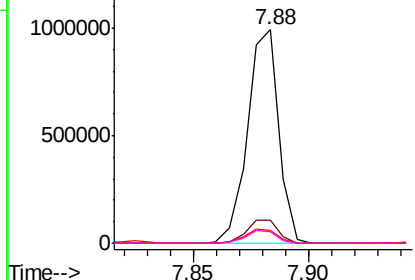
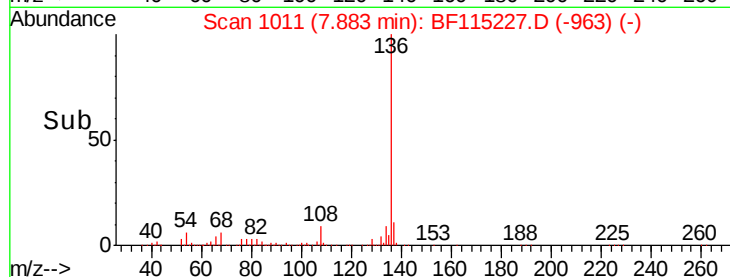
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

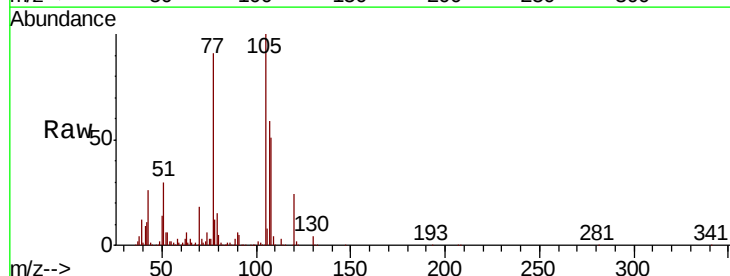
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.712 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt	Ion:105	Resp:	810170
Ion	Ratio	Lower	Upper
105	100		
71	3.1	1.9	2.9#
51	29.7	25.8	38.8
120	23.8	18.5	27.7



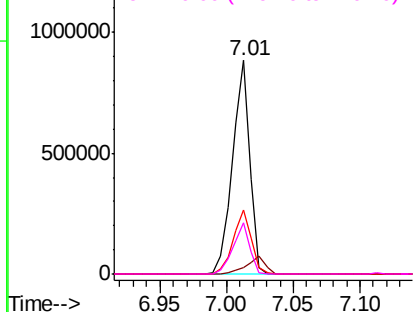
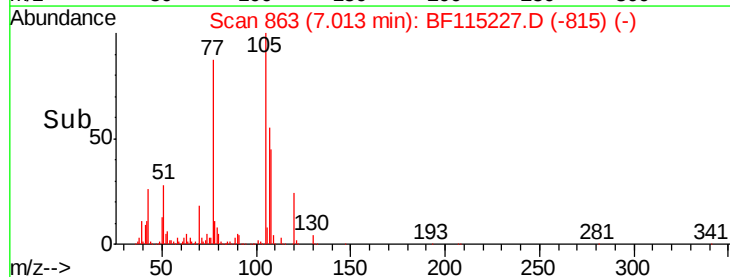
Abundance

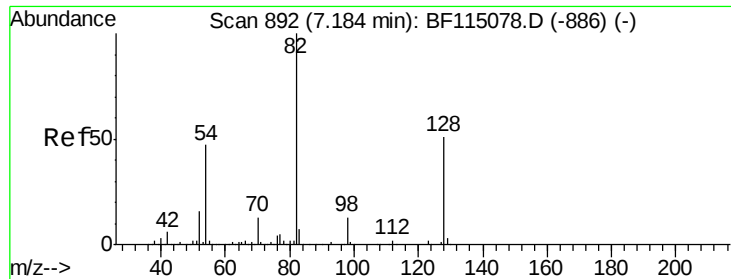
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.520 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

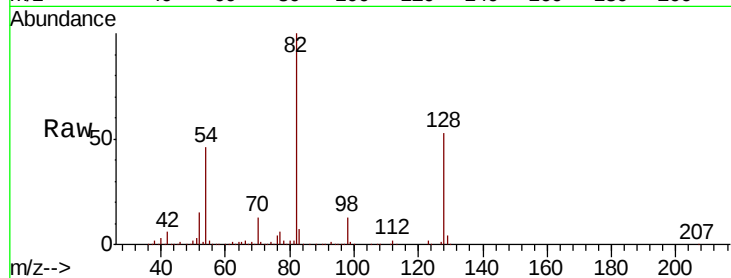
Tot Ion: 82 Resp: 1182546

Ion Ratio Lower Upper

82 100

128 53.2 40.4 60.6

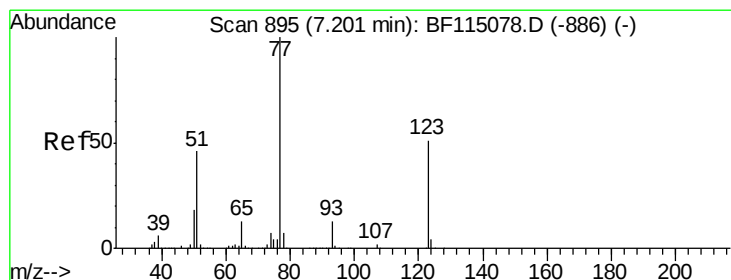
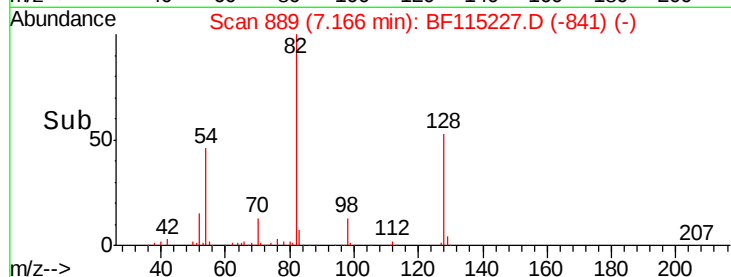
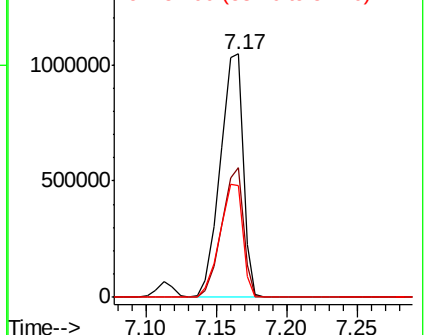
54 45.9 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.478 ng

RT: 7.18 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

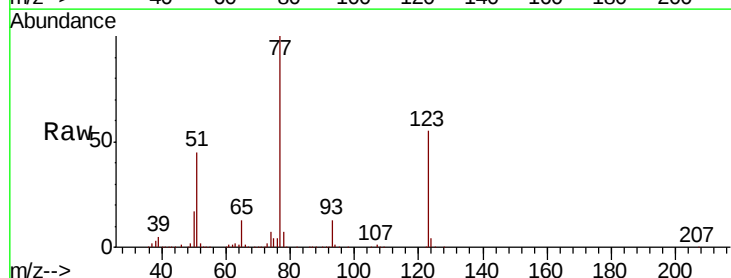
Tgt Ion: 77 Resp: 646658

Ion Ratio Lower Upper

77 100

123 54.8 41.0 61.6

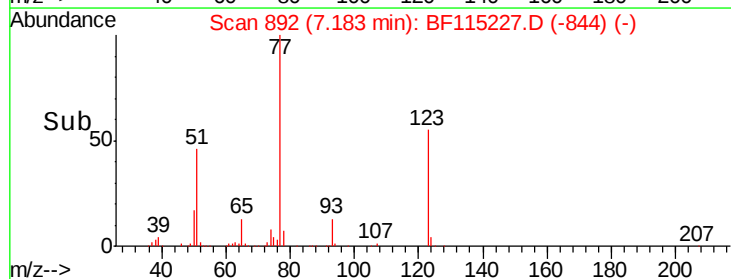
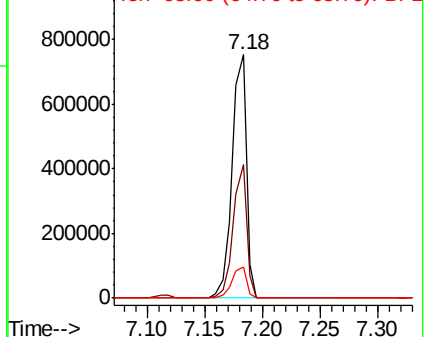
65 12.8 10.5 15.7

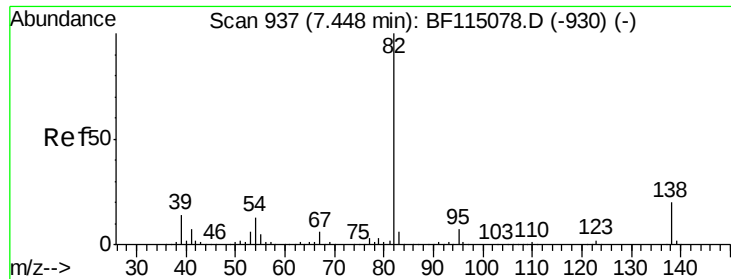


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

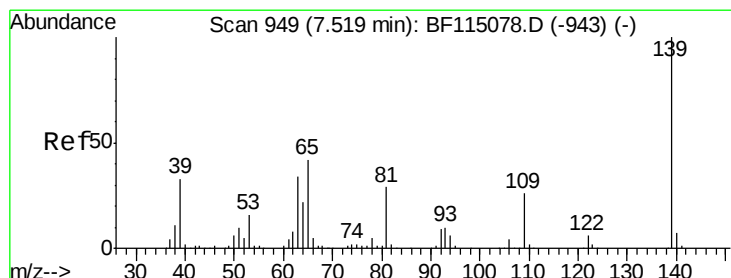
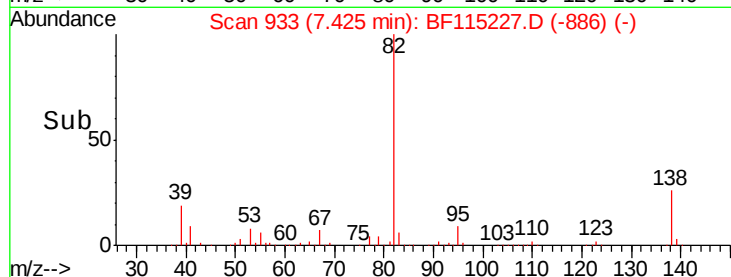
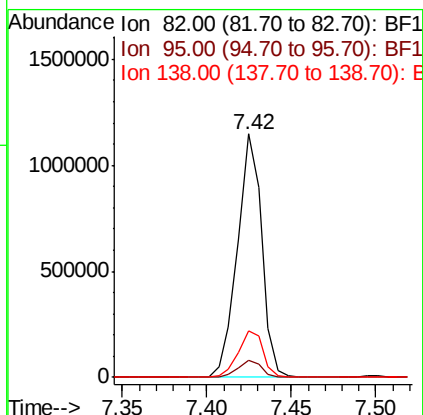
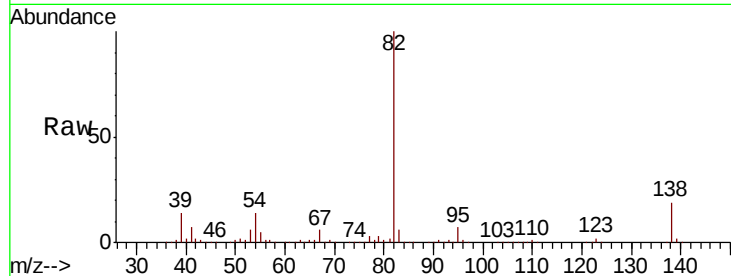




#25
Isophorone
Concen: 36.771 ng
RT: 7.42 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

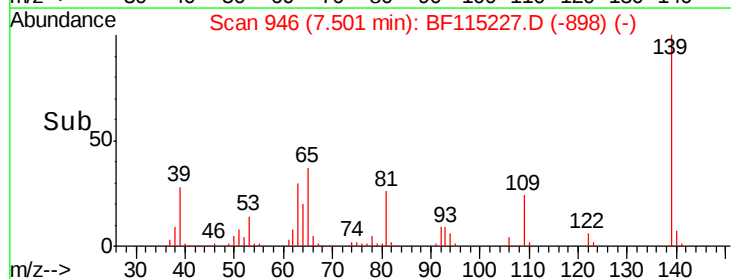
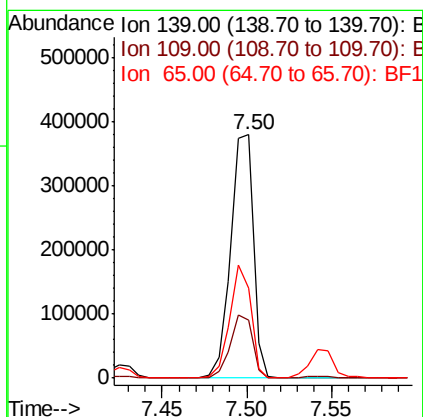
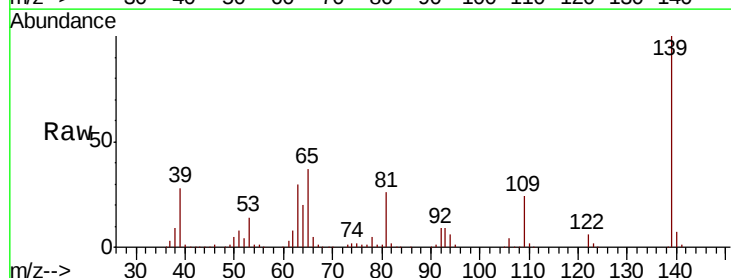
Instrument :
BNA_G
ClientSampleId :

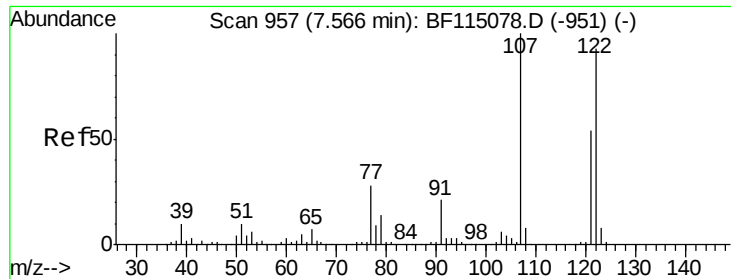
Tot Ion: 82 Resp: 1149078
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.3 15.9 23.9



#26
2-Nitrophenol
Concen: 42.600 ng
RT: 7.50 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion: 139 Resp: 353556
Ion Ratio Lower Upper
139 100
109 24.1 20.4 30.6
65 37.1 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 38.350 ng

RT: 7.55 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

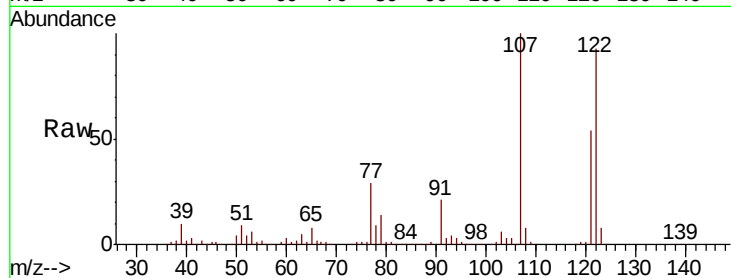
Tot Ion:122 Resp: 521118

Ion Ratio Lower Upper

122 100

107 107.9 85.8 128.6

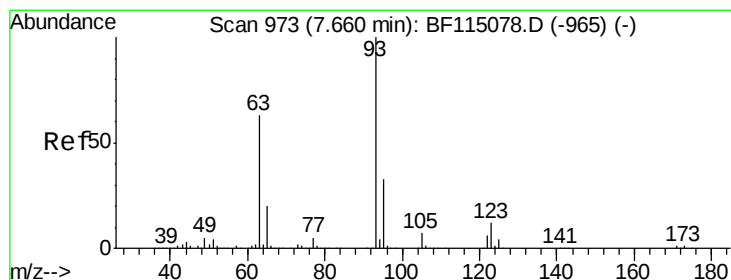
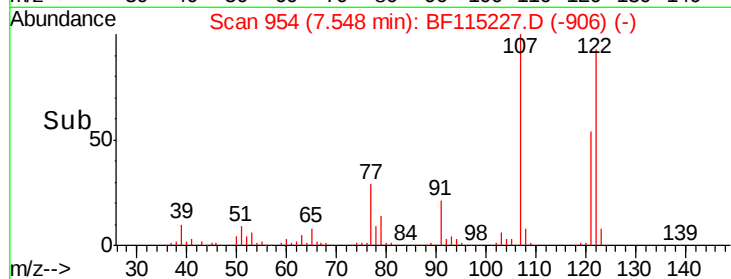
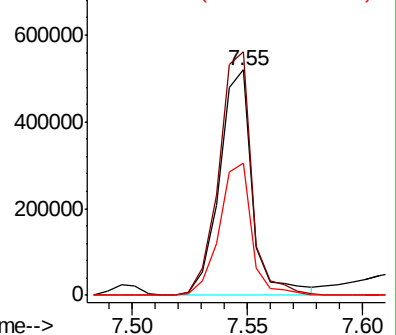
121 58.7 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.162 ng

RT: 7.64 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

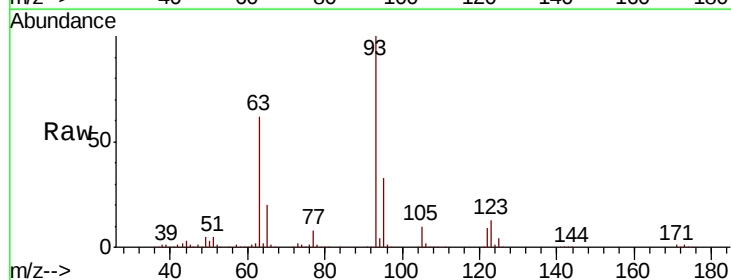
Tgt Ion: 93 Resp: 753754

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

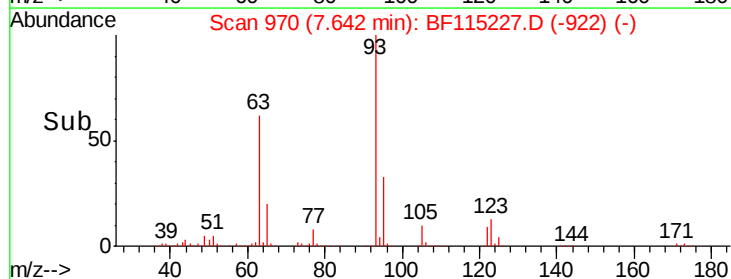
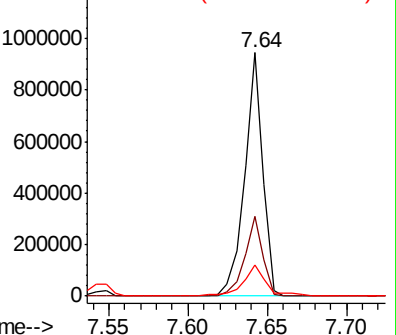
123 12.8 9.7 14.5

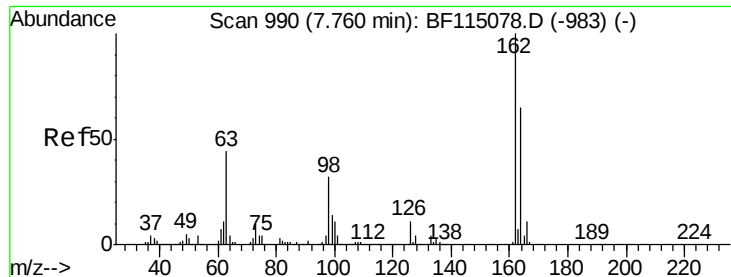


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

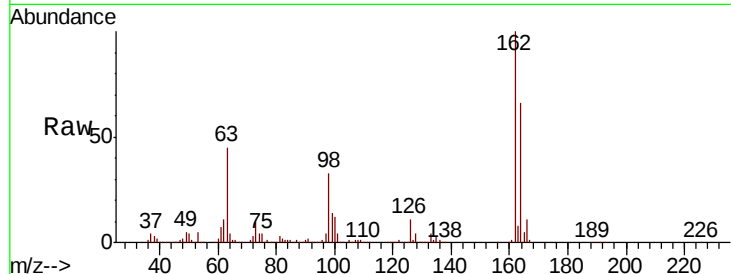




#29
2,4-Dichlorophenol
Concen: 38.811 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.3	85.3
98	33.0	12.5	52.5

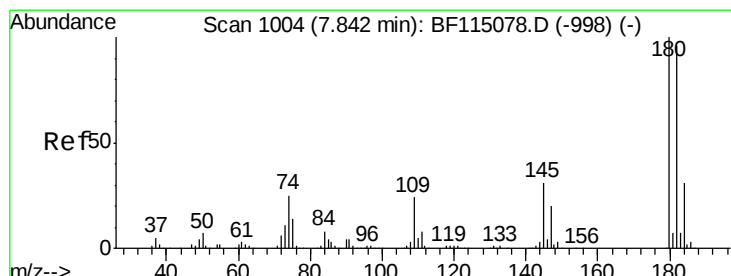
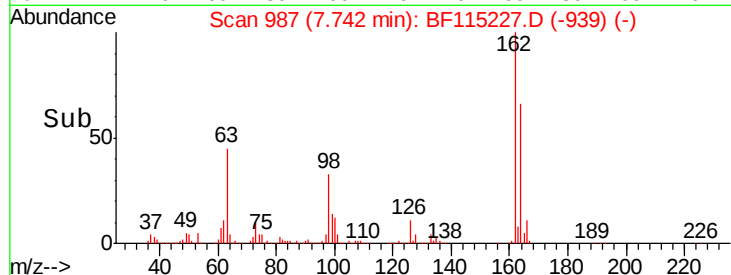
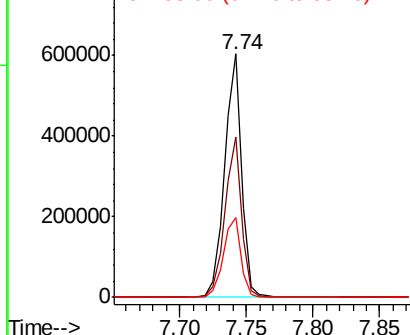


Abundance

Ion 162.00 (161.70 to 162.70): E

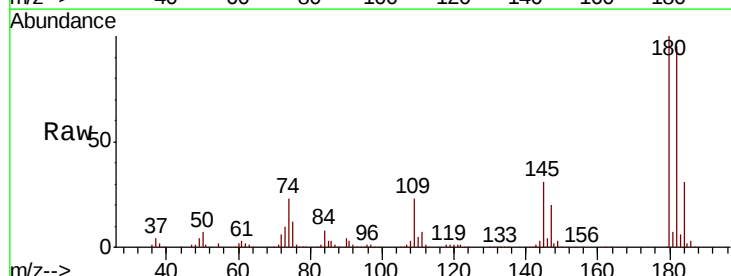
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.829 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	30.7	24.8	37.2

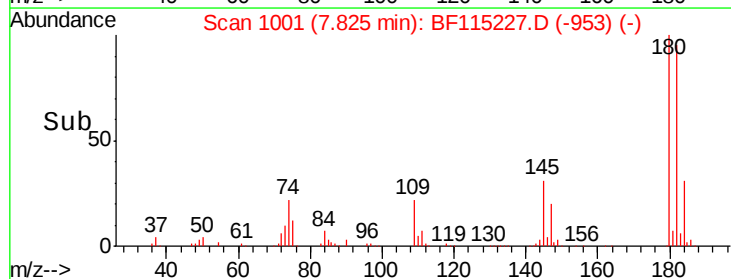
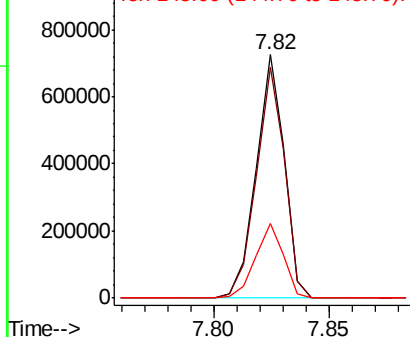


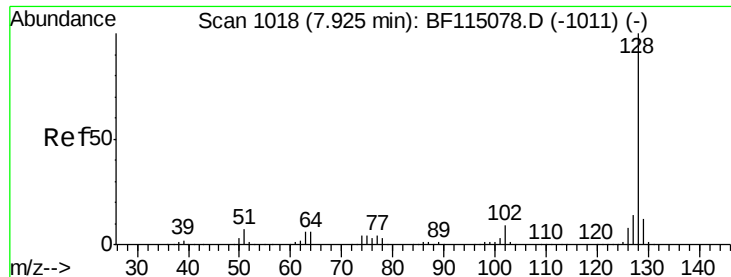
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

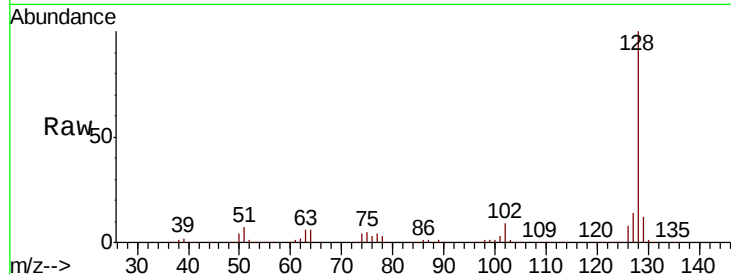




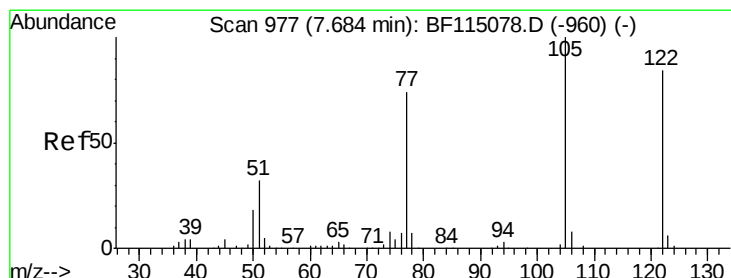
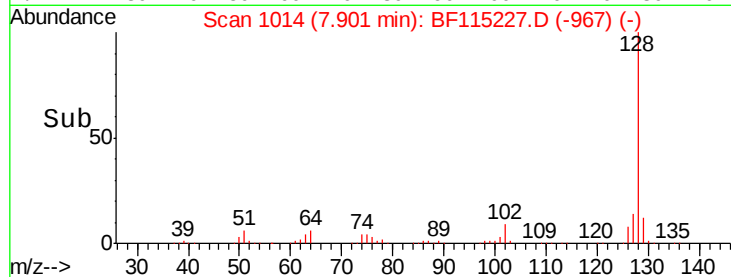
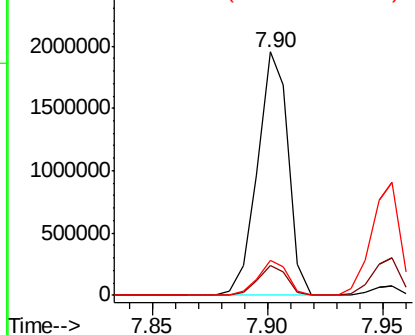
#31
Naphthalene
Concen: 39.262 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1808530
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 14.2 11.4 17.0

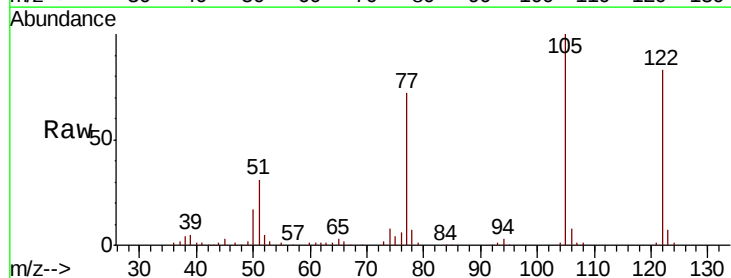


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

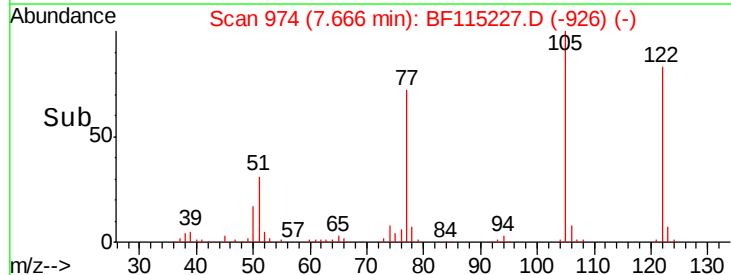
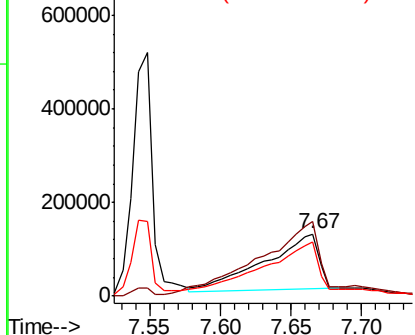


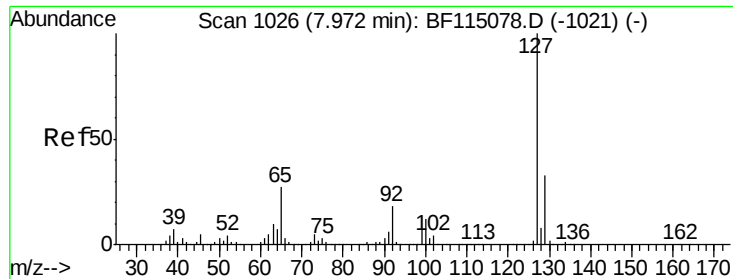
#32
Benzoic acid
Concen: 32.993 ng
RT: 7.67 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:122 Resp: 320020
Ion Ratio Lower Upper
122 100
105 120.4 98.2 138.2
77 86.9 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

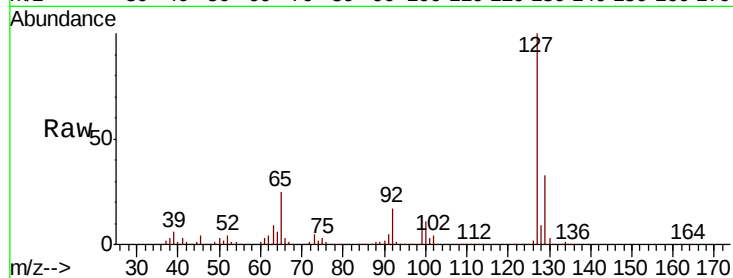




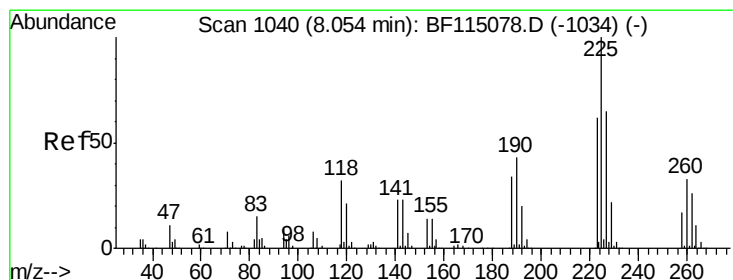
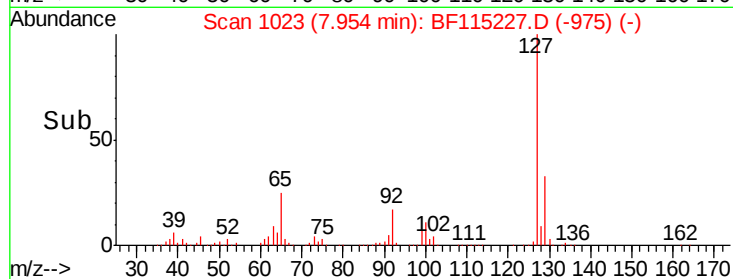
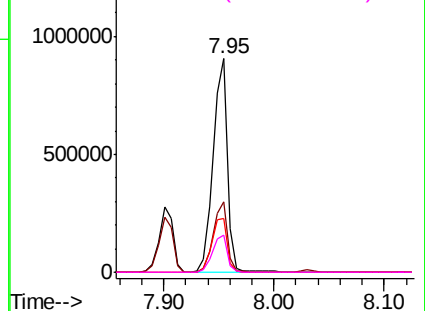
#33
4-Chloroaniline
Concen: 37.727 ng
RT: 7.95 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	794239
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	25.0	21.4	32.2
92	17.2	14.1	21.1

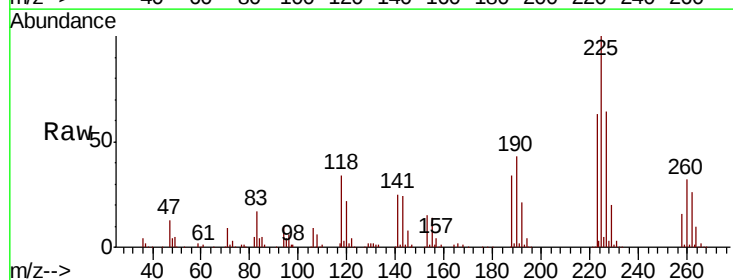


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

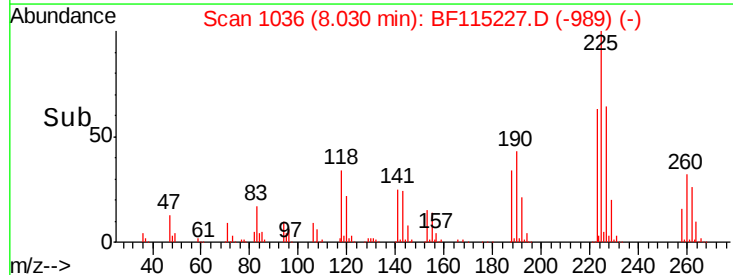
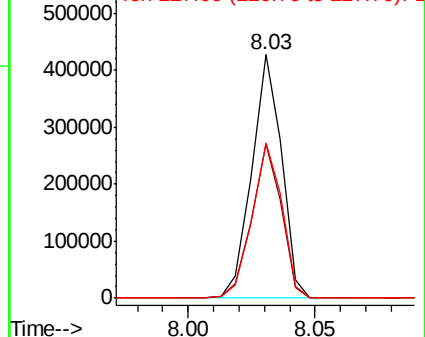


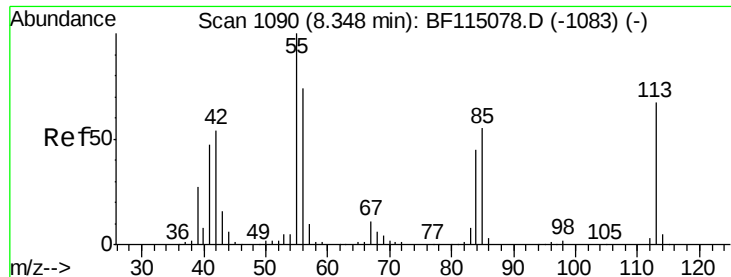
#34
Hexachlorobutadiene
Concen: 41.276 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:	225	Resp:	350369
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.9	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

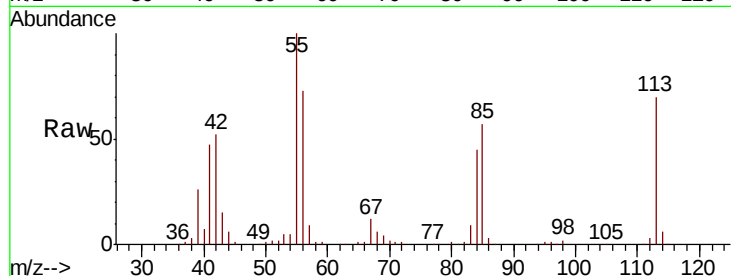




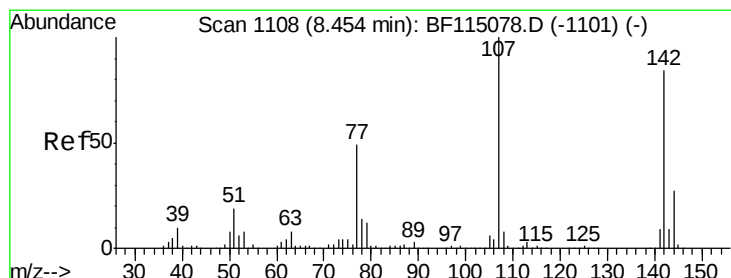
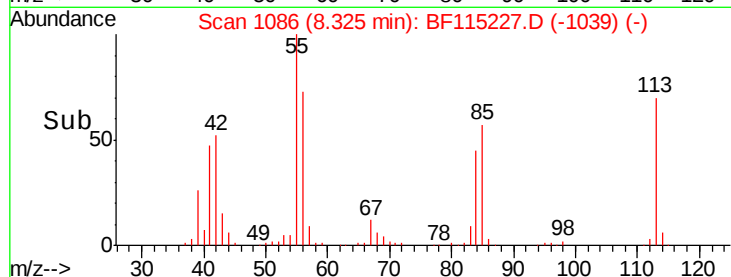
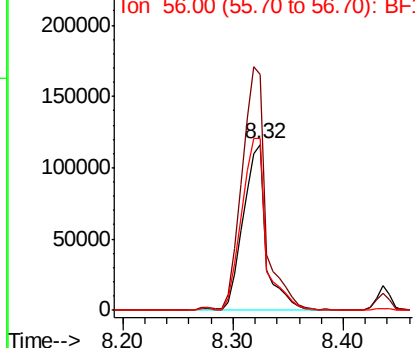
#35
Caprolactam
Concen: 36.253 ng
RT: 8.32 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 170922
Ion Ratio Lower Upper
113 100
55 142.2 130.2 170.2
56 103.7 91.6 131.6

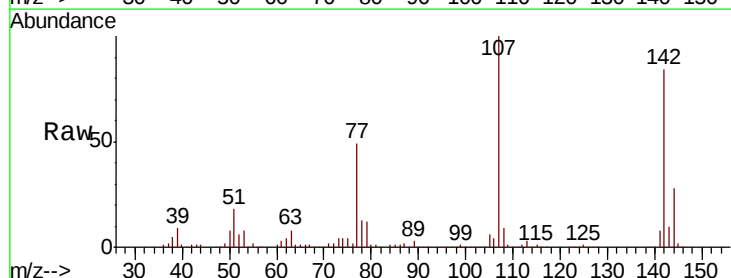


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

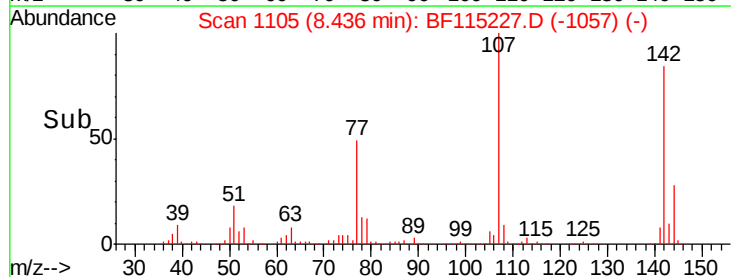
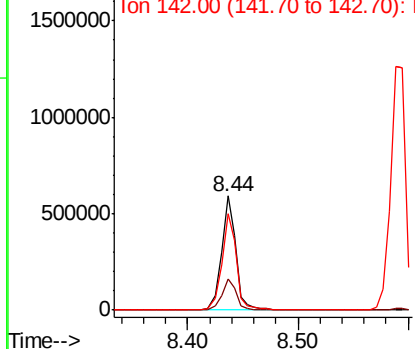


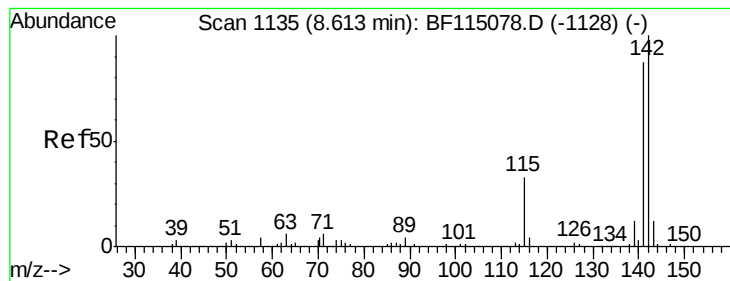
#36
4-Chloro-3-methylphenol
Concen: 38.004 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:107 Resp: 539731
Ion Ratio Lower Upper
107 100
144 27.7 21.7 32.5
142 84.4 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.582 ng

RT: 8.59 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

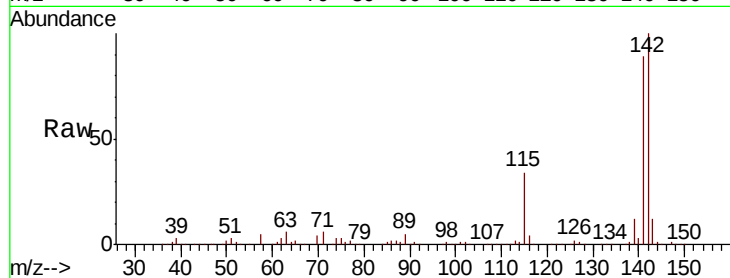
Tot Ion:142 Resp: 1198288

Ion Ratio Lower Upper

142 100

141 89.1 69.8 104.6

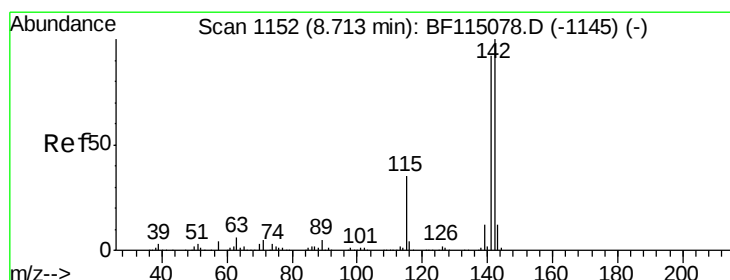
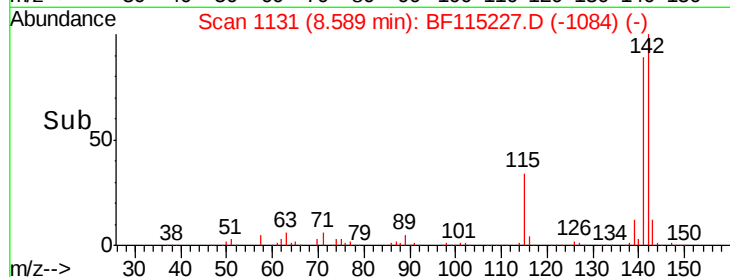
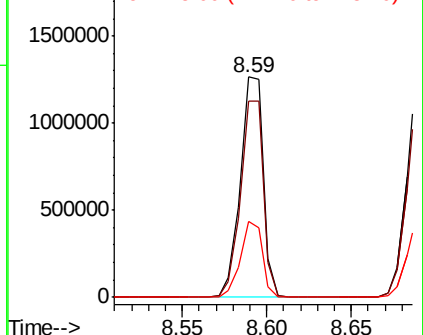
115 34.2 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.688 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

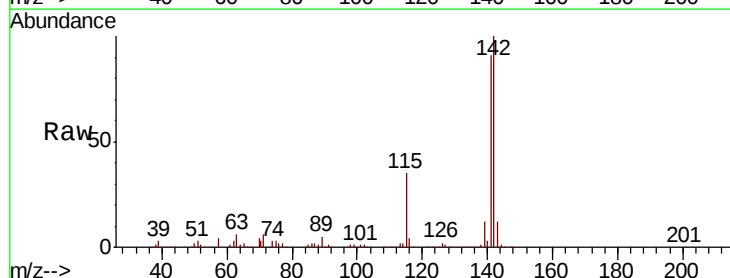
Tgt Ion:142 Resp: 1147605

Ion Ratio Lower Upper

142 100

141 91.5 73.8 110.8

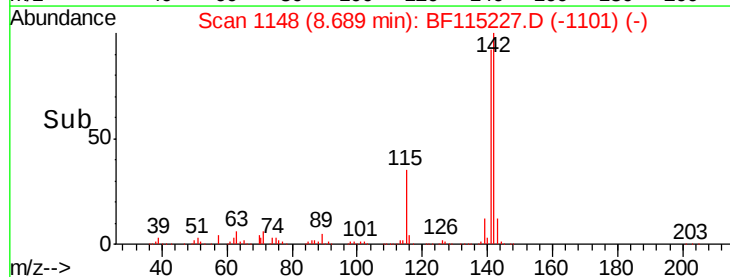
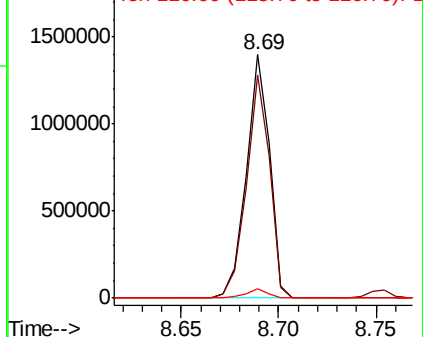
116 3.7 2.8 4.2

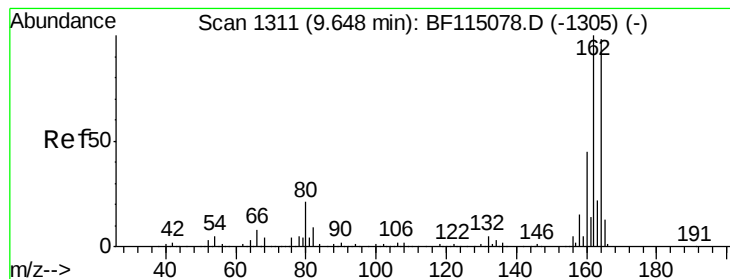


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

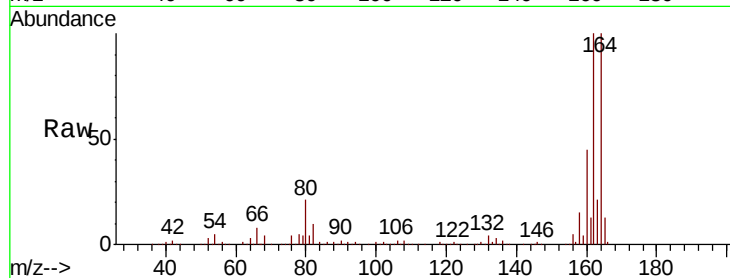
Tot Ion:164 Resp: 455770

Ion Ratio Lower Upper

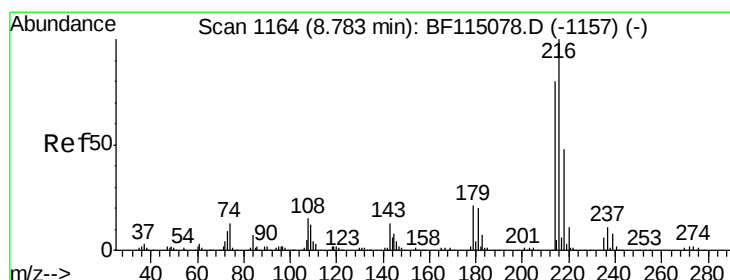
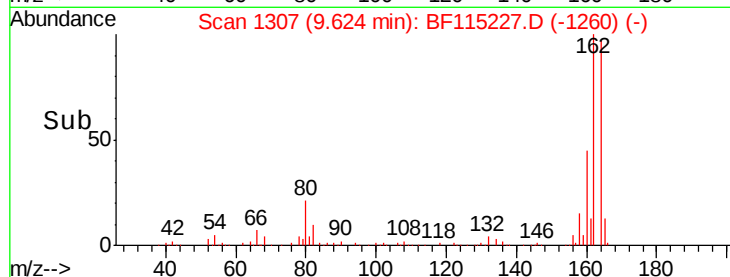
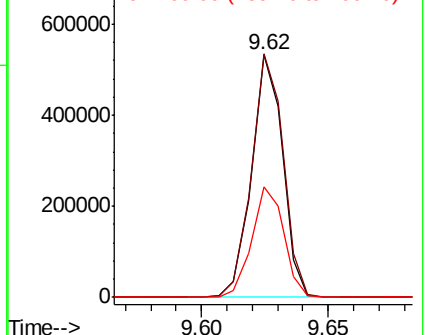
164 100

162 100.4 81.7 122.5

160 45.5 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.863 ng

RT: 8.76 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Tgt Ion:216 Resp: 526287

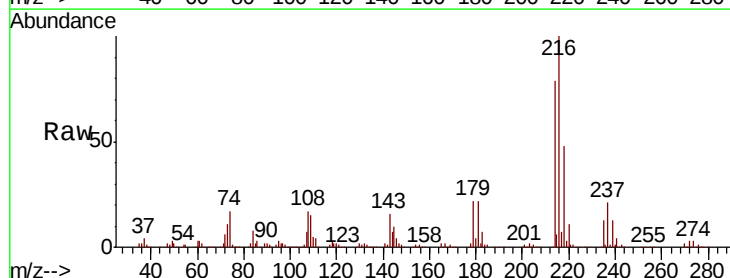
Ion Ratio Lower Upper

216 100

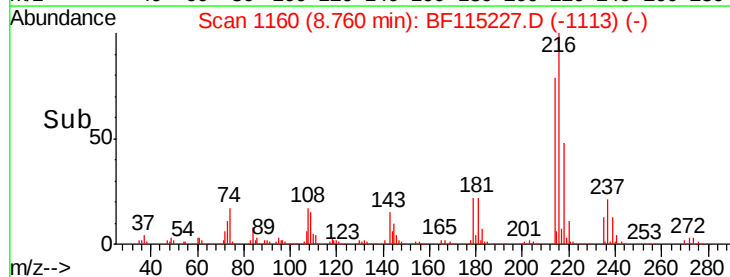
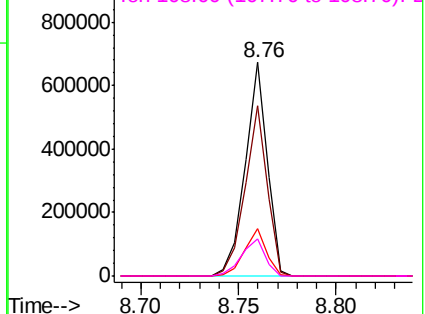
214 79.6 63.8 95.6

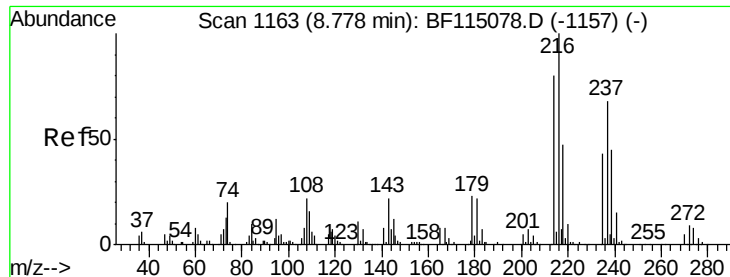
179 22.2 17.6 26.4

108 18.8 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.242 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

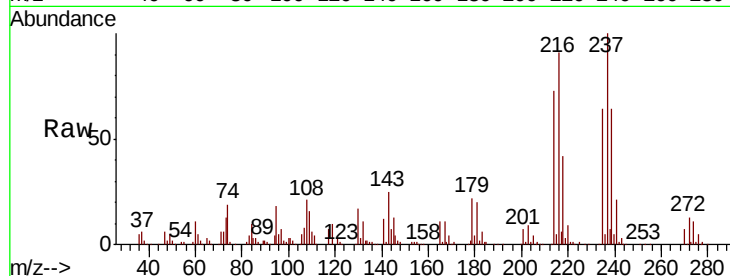
Tot Ion:237 Resp: 314961

Ion Ratio Lower Upper

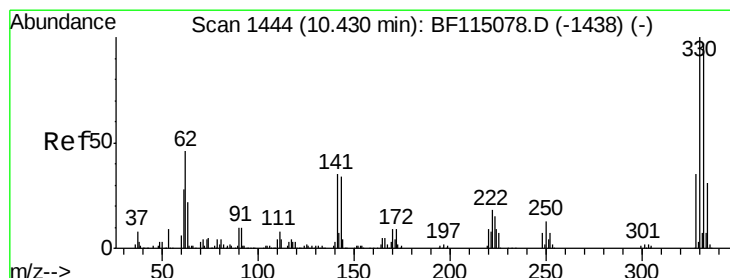
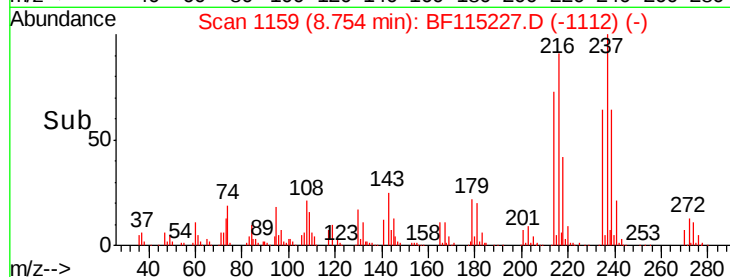
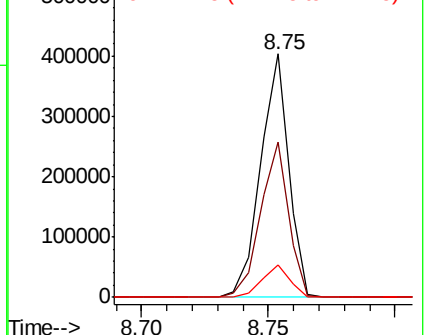
237 100

235 63.5 43.9 83.9

272 13.2 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.001 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

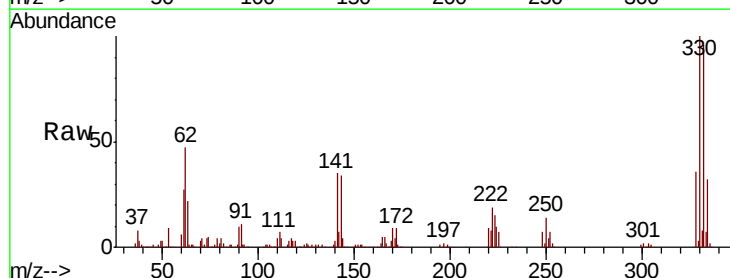
Tgt Ion:330 Resp: 394117

Ion Ratio Lower Upper

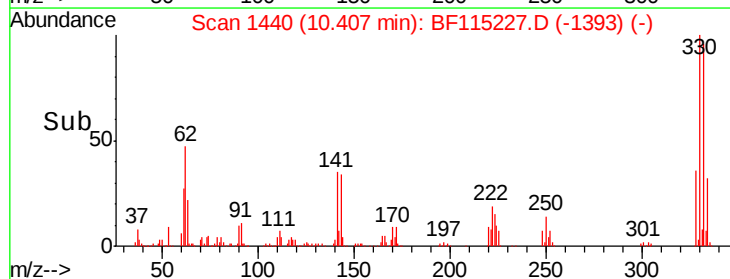
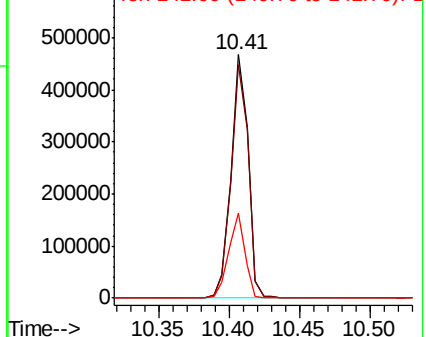
330 100

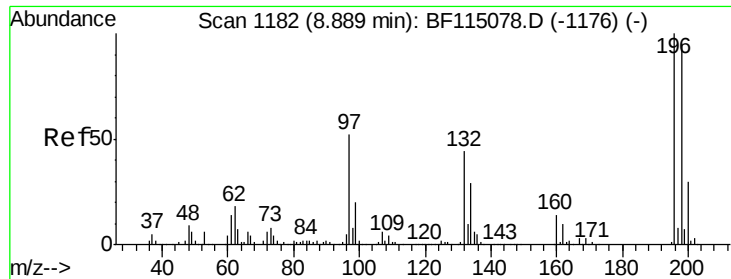
332 97.4 77.3 115.9

141 33.6 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

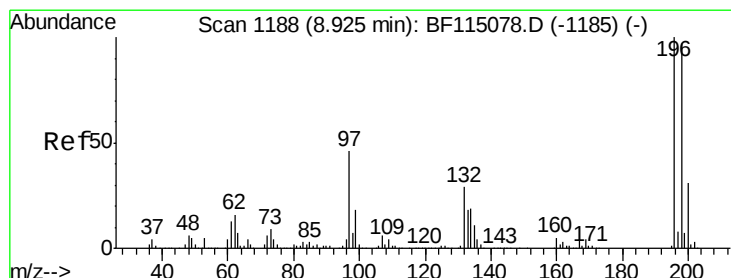
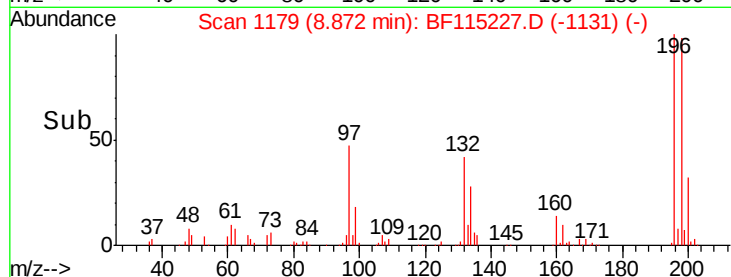
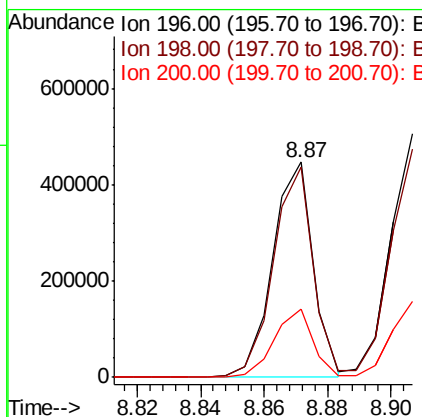
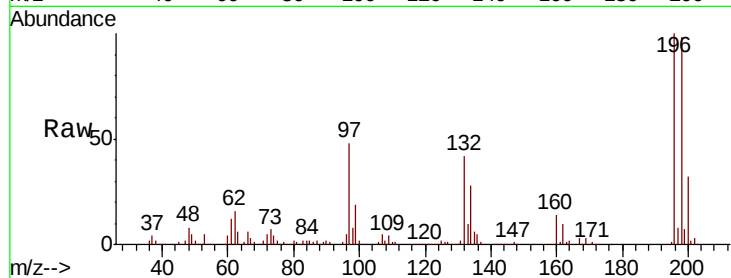




#43
 2,4,6-Trichlorophenol
 Concen: 39.903 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

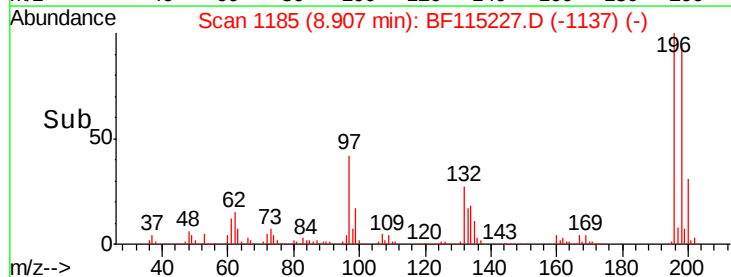
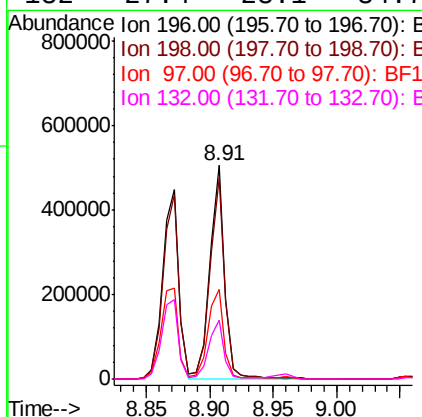
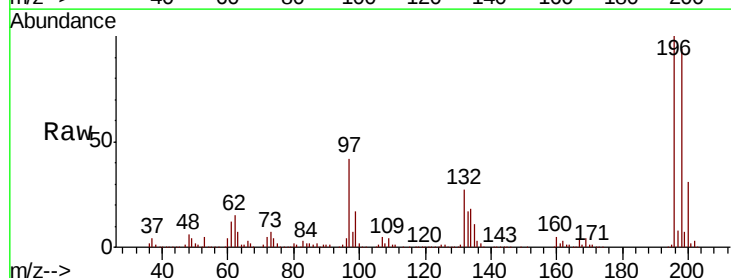
Instrument :
 BNA_G
 ClientSampleId :

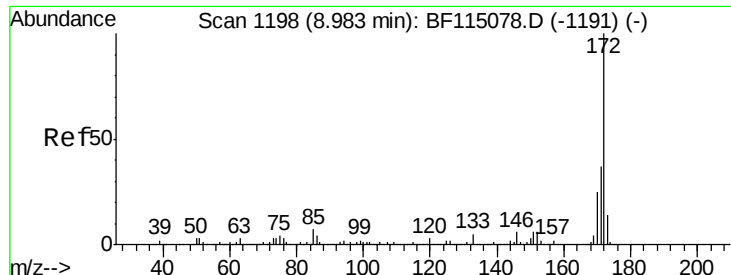
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.3	114.5
200	31.6	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.436 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.1	115.7
97	41.9	37.7	56.5
132	27.4	23.1	34.7

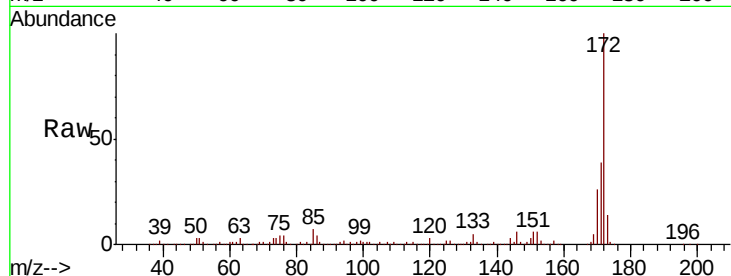




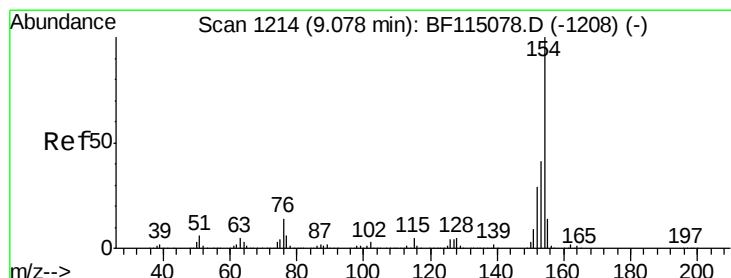
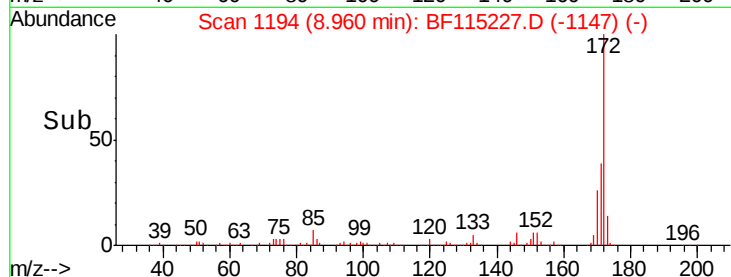
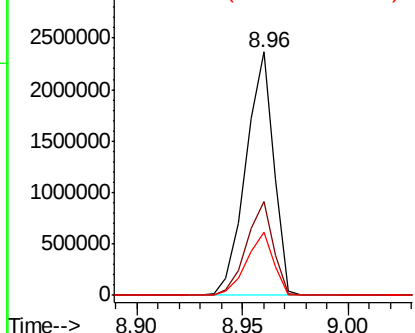
#45
2-Fluorobiphenyl
Concen: 80.749 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2166642
Ion Ratio Lower Upper
172 100
171 38.6 29.8 44.6
170 25.9 20.3 30.5

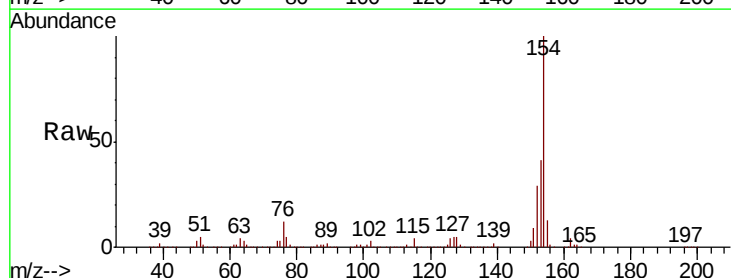


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

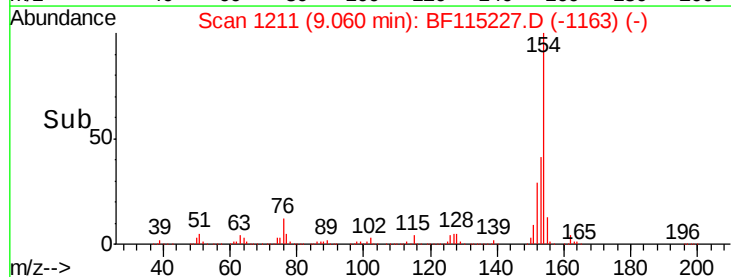
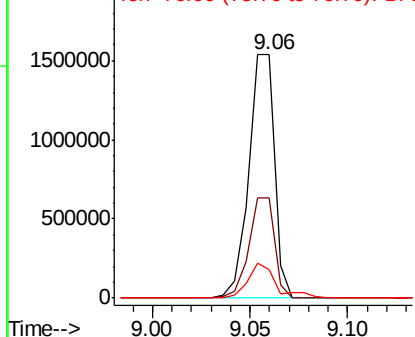


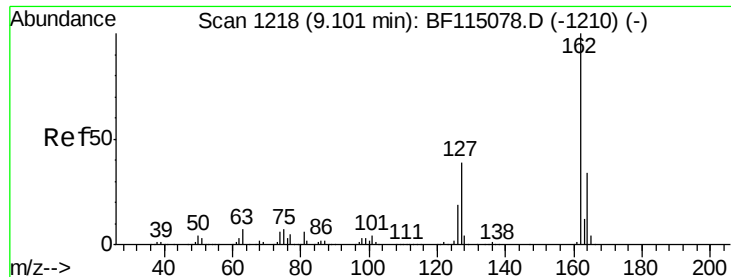
#46
1,1'-Biphenyl
Concen: 38.575 ng
RT: 9.06 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:154 Resp: 1406772
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 11.9 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

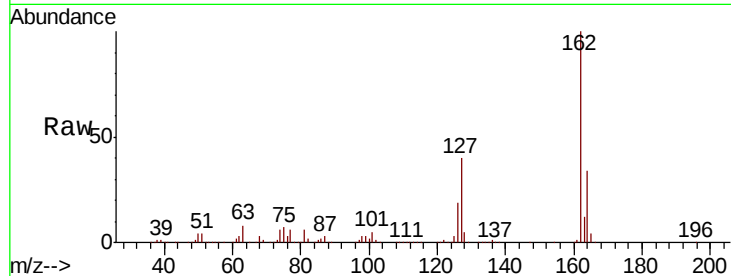




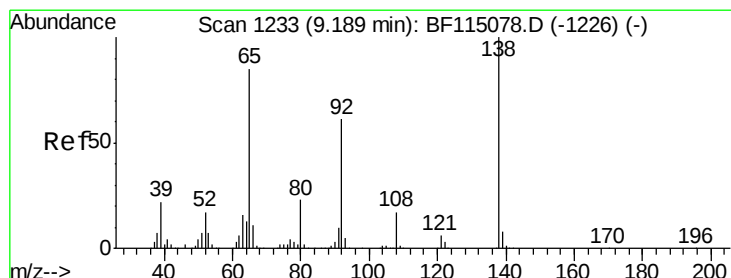
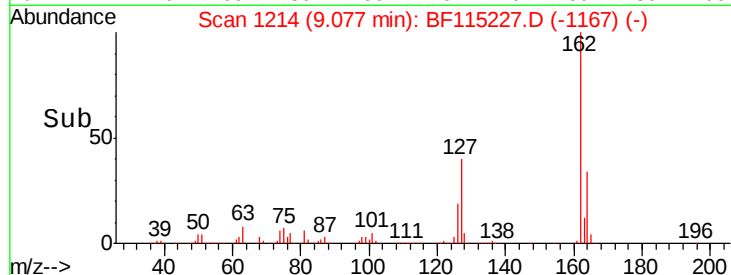
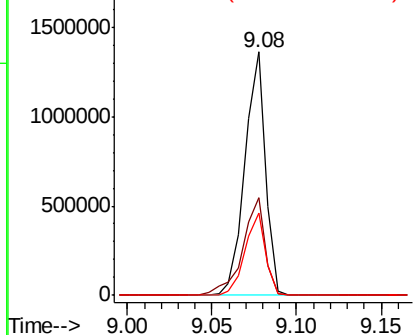
#47
2-Chloronaphthalene
Concen: 39.237 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 1160693
Ion Ratio Lower Upper
162 100
127 39.9 30.8 46.2
164 33.7 27.0 40.4

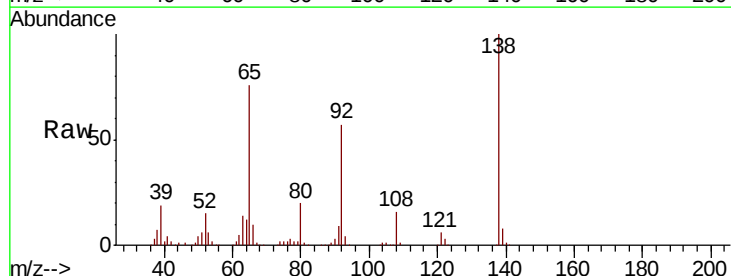


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

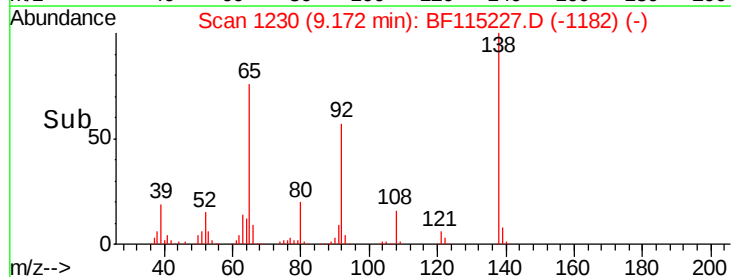
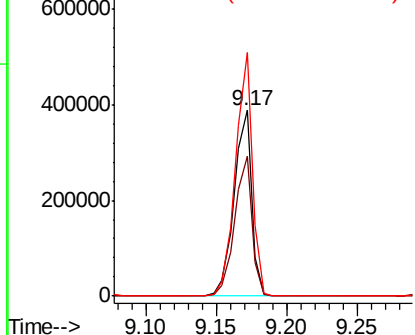


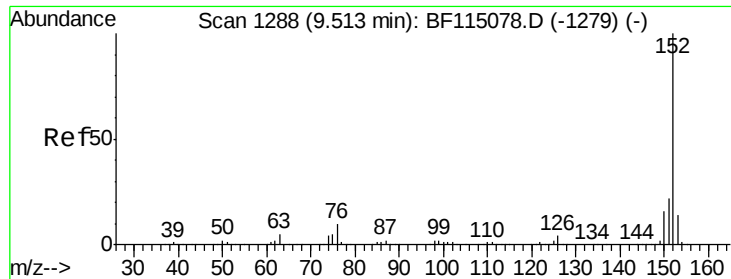
#48
2-Nitroaniline
Concen: 39.176 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion: 65 Resp: 337862
Ion Ratio Lower Upper
65 100
92 75.1 57.4 86.2
138 131.0 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.889 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

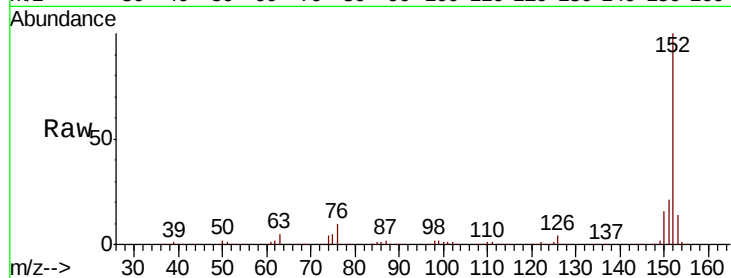
Tot Ion:152 Resp: 1792341

Ion Ratio Lower Upper

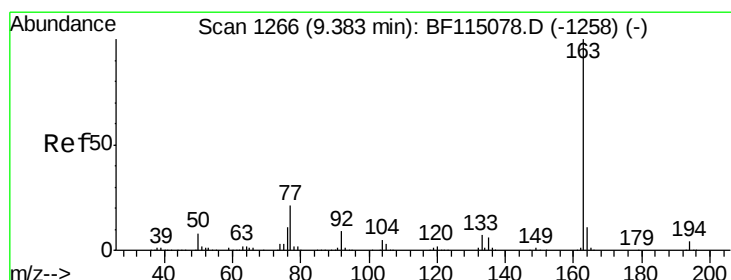
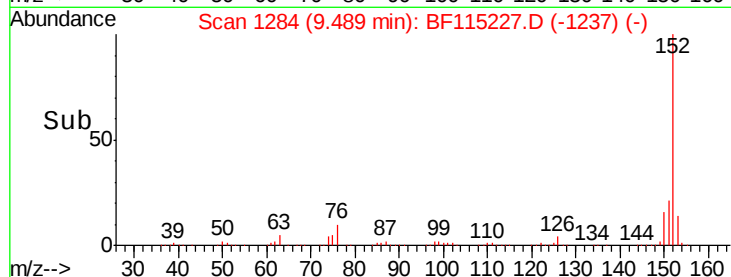
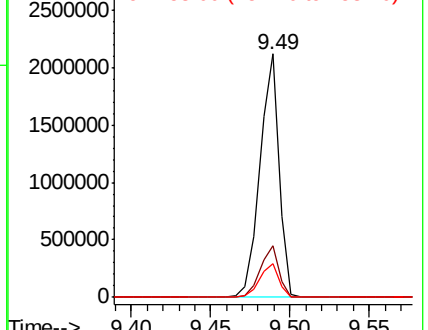
152 100

151 21.3 17.2 25.8

153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.381 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

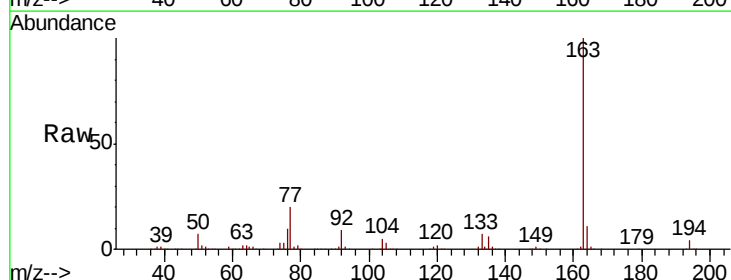
Tgt Ion:163 Resp: 1320511

Ion Ratio Lower Upper

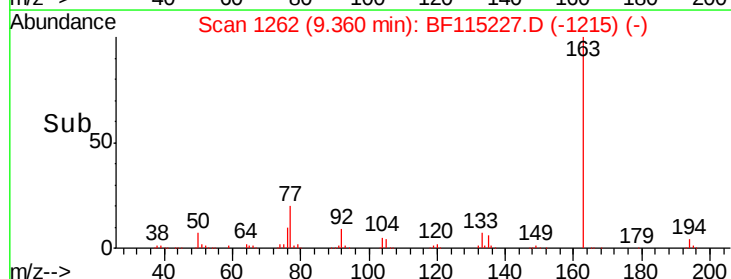
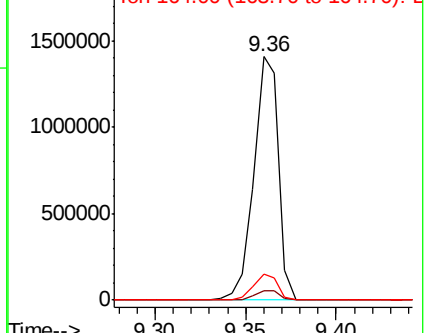
163 100

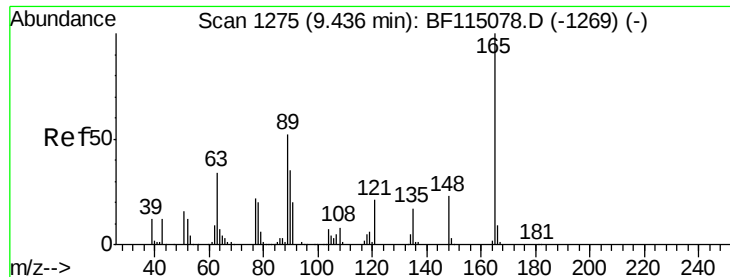
194 4.0 3.2 4.8

164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.943 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

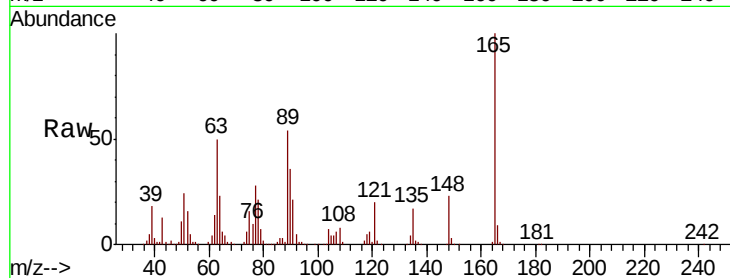
Tot Ion:165 Resp: 301473

Ion Ratio Lower Upper

165 100

63 50.3 39.4 59.2

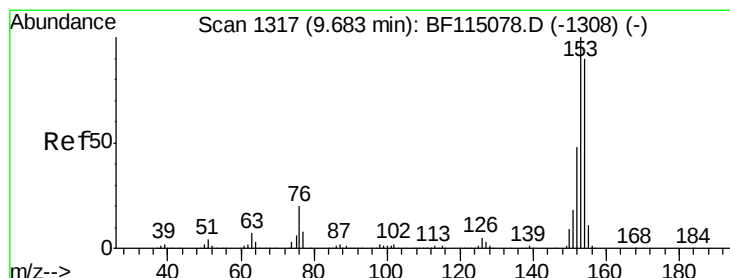
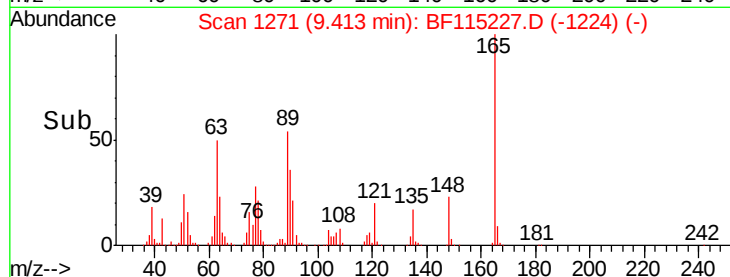
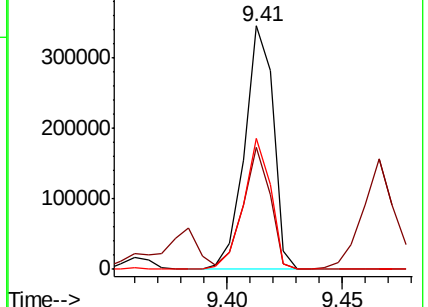
89 53.6 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.307 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

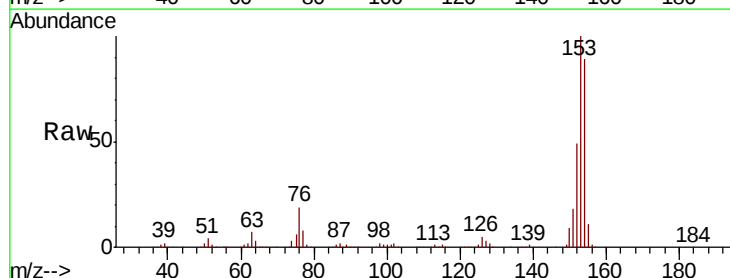
Tgt Ion:154 Resp: 1133606

Ion Ratio Lower Upper

154 100

153 112.7 88.7 133.1

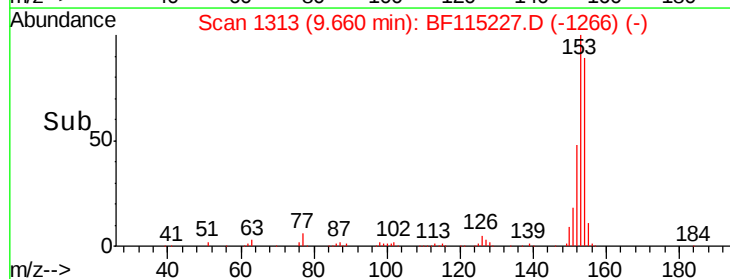
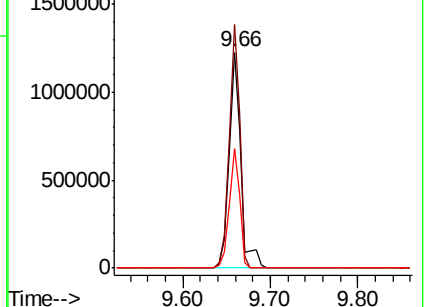
152 55.1 42.6 64.0

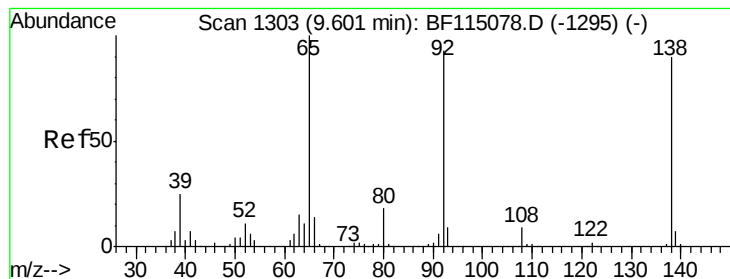


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.800 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

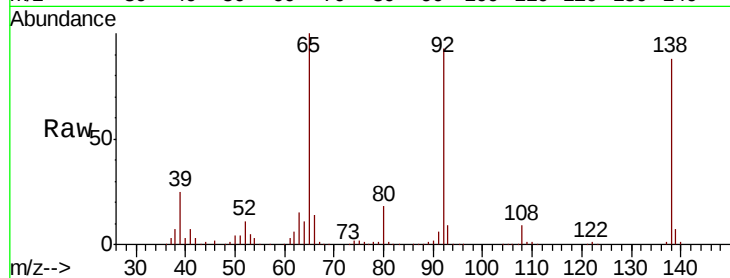
Tot Ion:138 Resp: 357102

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

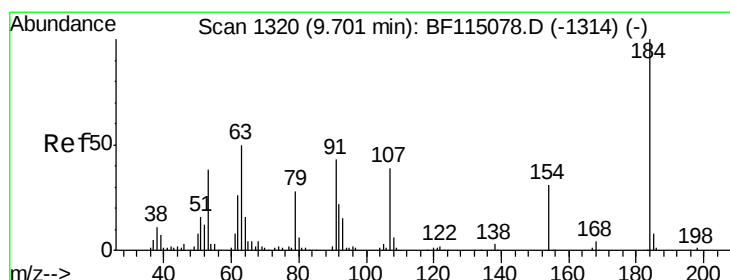
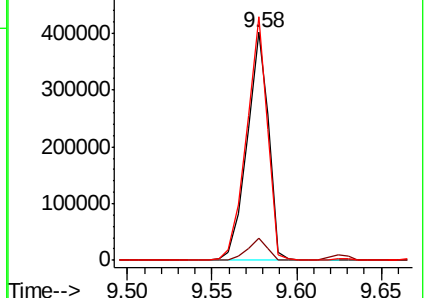
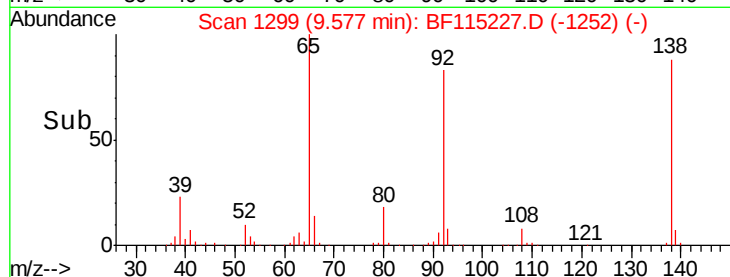
92 106.8 82.9 124.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 46.113 ng

RT: 9.68 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

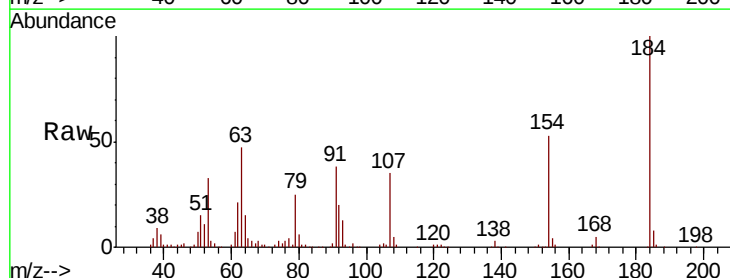
Tgt Ion:184 Resp: 170046

Ion Ratio Lower Upper

184 100

63 46.6 41.9 62.9

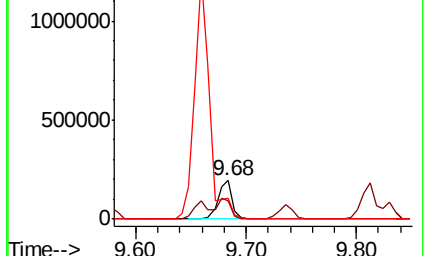
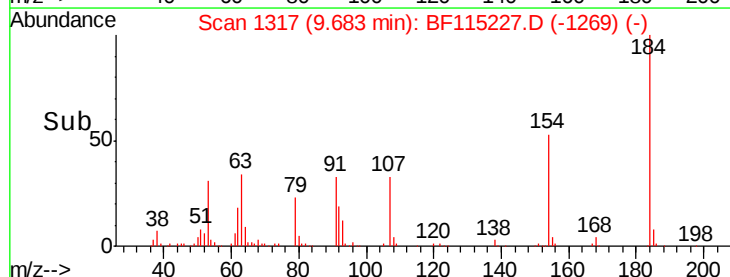
154 53.3 44.7 67.1

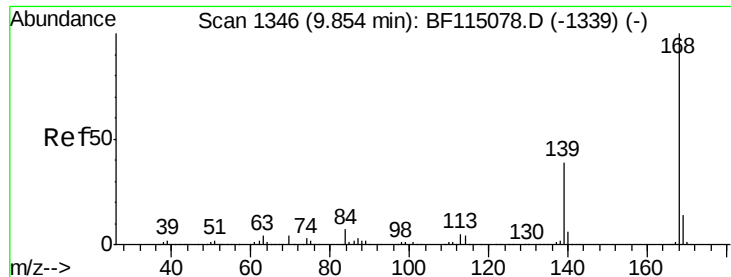


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

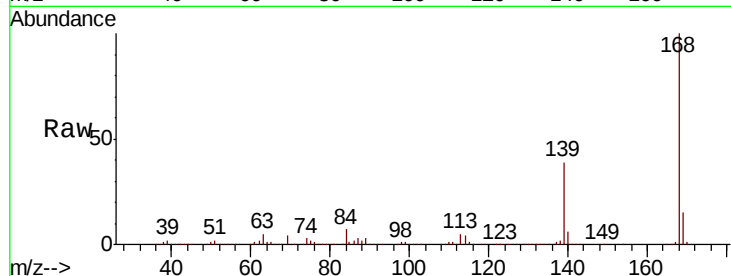




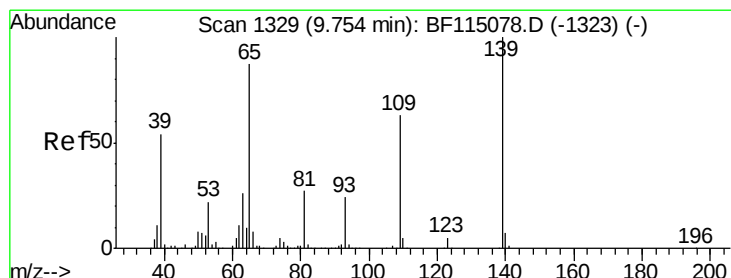
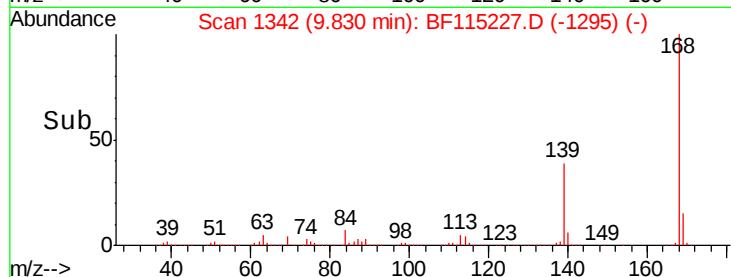
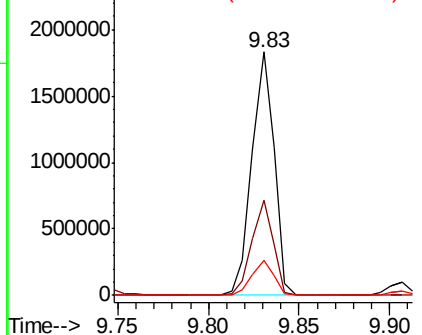
#55
Dibenzenofuran
Concen: 37.768 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1563344
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.5 11.3 16.9

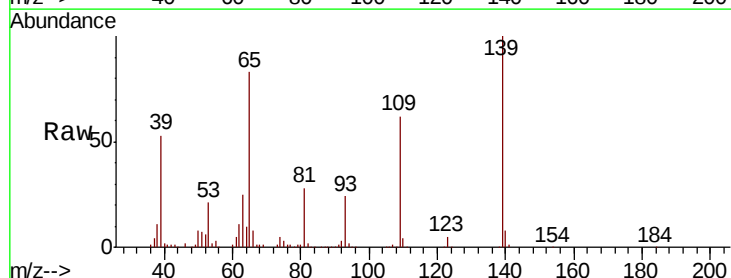


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

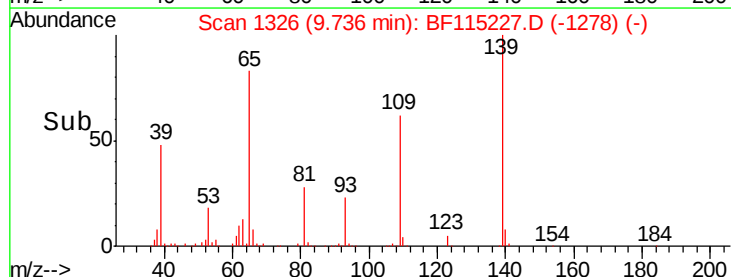
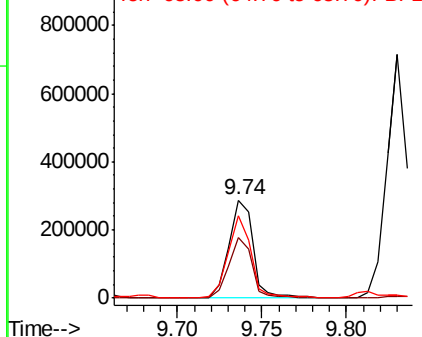


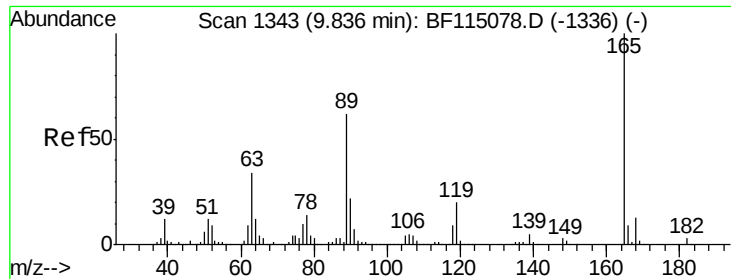
#56
4-Nitrophenol
Concen: 37.996 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:139 Resp: 287775
Ion Ratio Lower Upper
139 100
109 62.0 43.0 83.0
65 83.3 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
1000000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

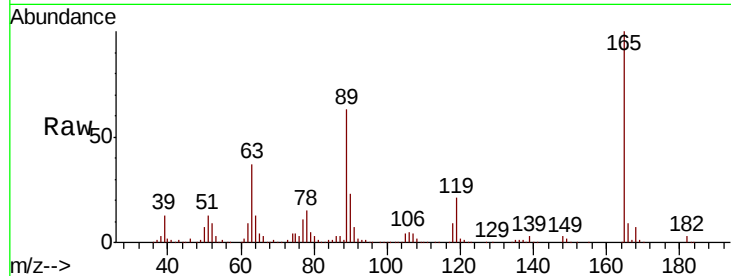




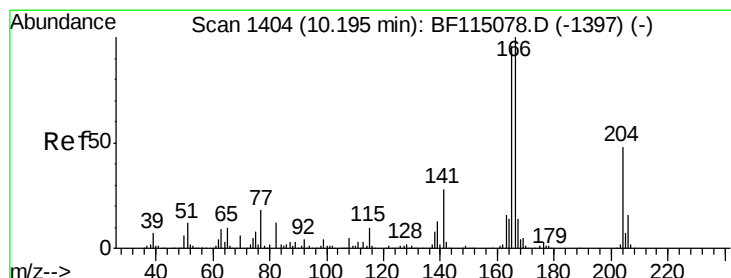
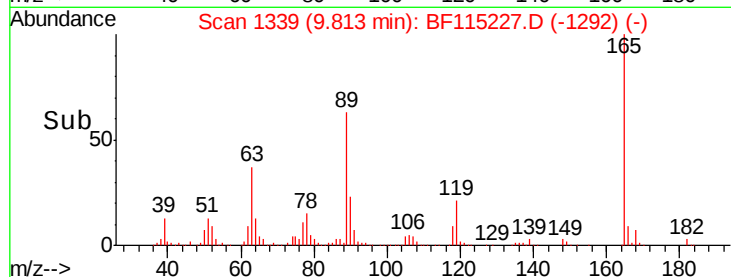
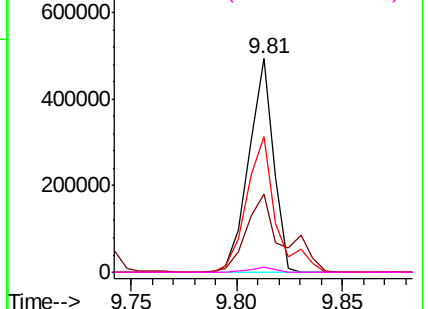
#57
 2,4-Dinitrotoluene
 Concen: 40.322 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	403051
Ion Ratio	Lower	Upper
165	100	
63	36.6	27.5 41.3
89	63.5	49.9 74.9
182	2.7	2.1 3.1

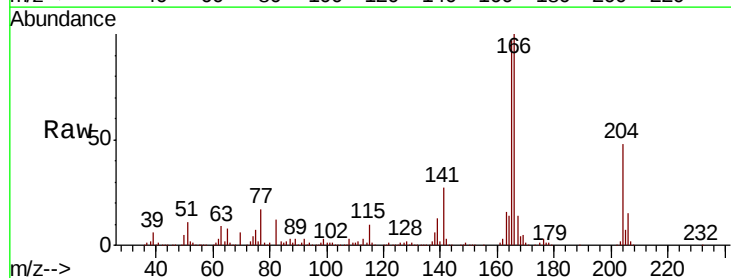


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

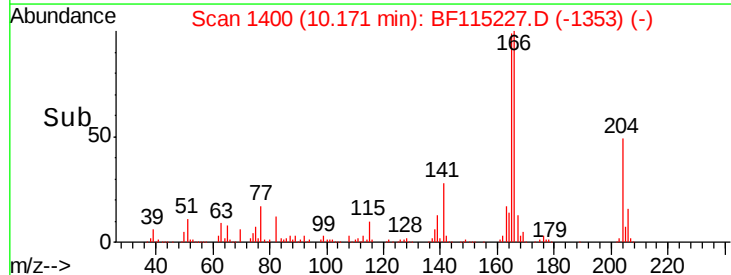
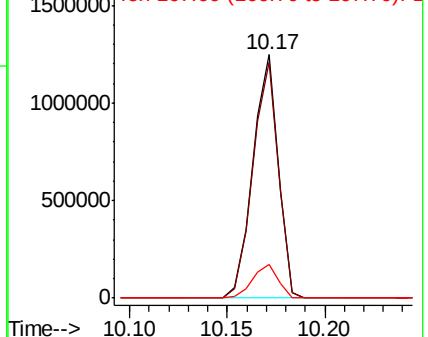


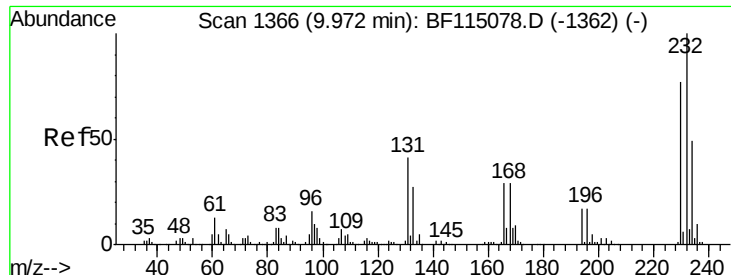
#58
 Fluorene
 Concen: 39.728 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:166	Resp:	1116150
Ion Ratio	Lower	Upper
166	100	
165	97.1	76.5 114.7
167	13.7	11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

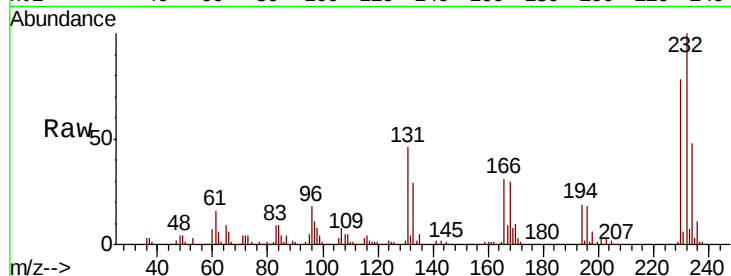




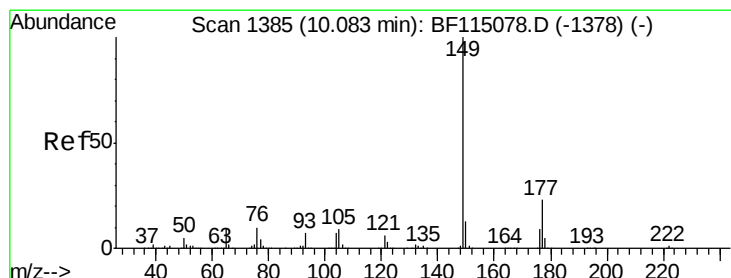
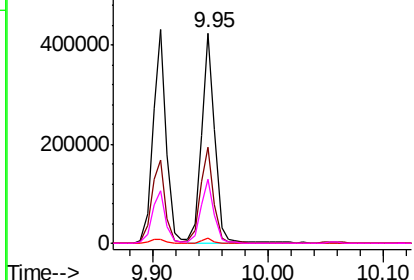
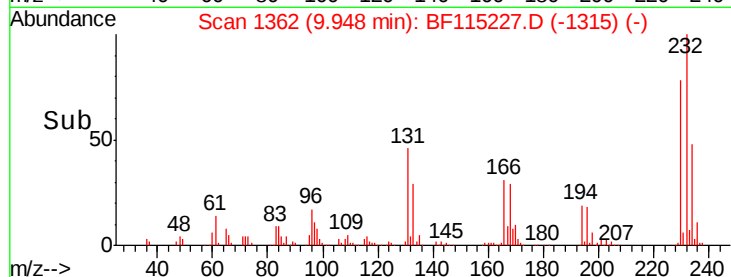
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.979 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	343268
Ion Ratio	Lower	Upper
232	100	
131	45.6	37.4 56.0
130	2.2	1.8 2.6
166	30.2	24.6 36.8

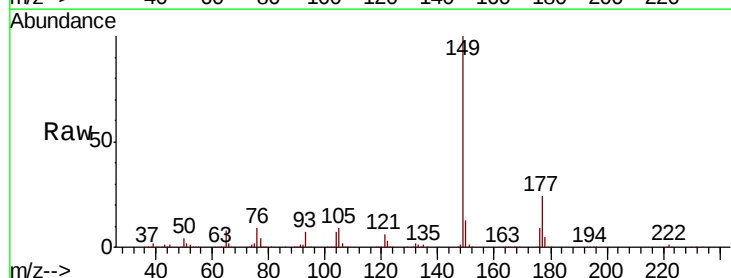


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

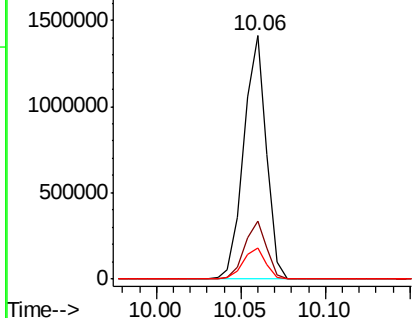
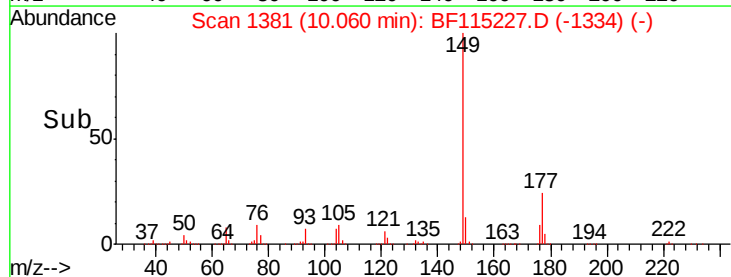


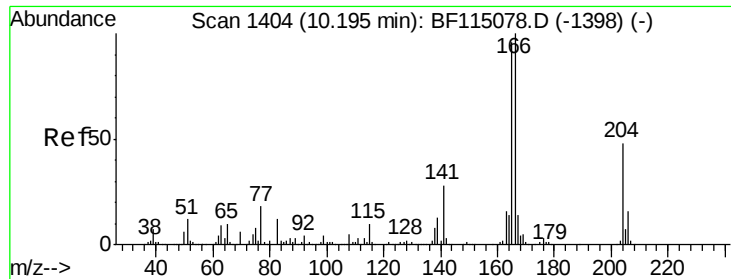
#60
 Diethylphthalate
 Concen: 38.839 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:149	Resp:	1309120
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.7 28.1
150	12.9	10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

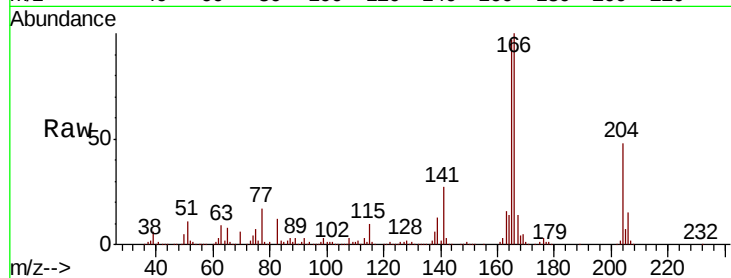




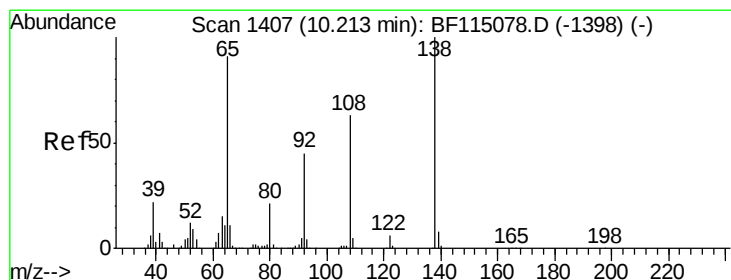
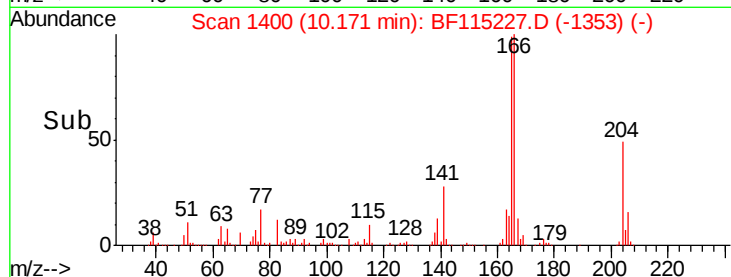
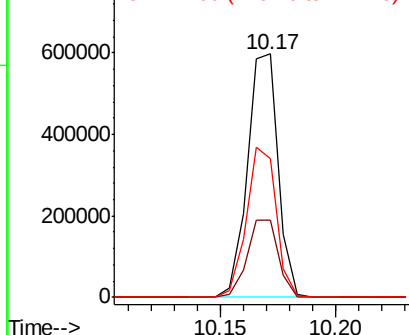
#61
4-Chlorophenyl-phenylether
Concen: 41.876 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 554616
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 56.8 46.7 70.1

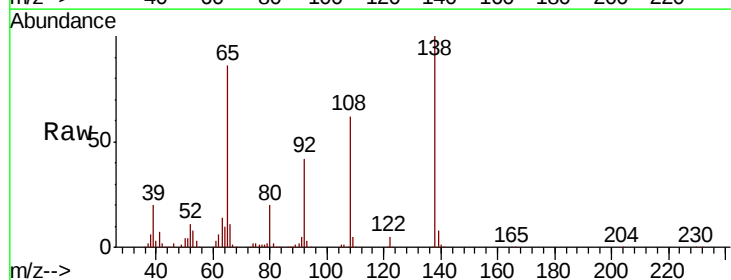


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

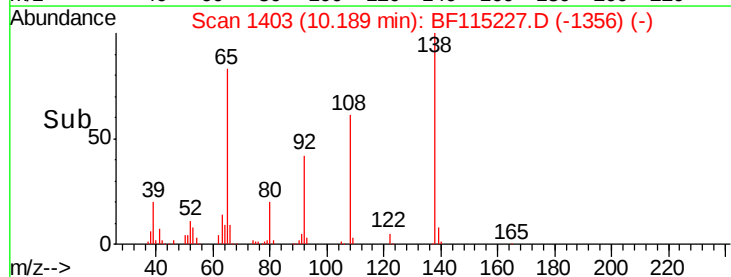
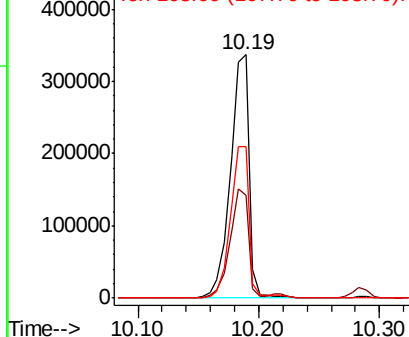


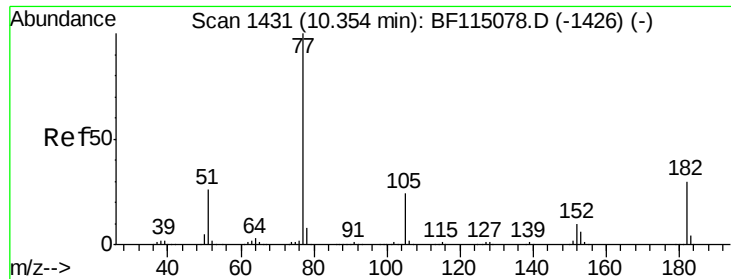
#62
4-Nitroaniline
Concen: 38.576 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:138 Resp: 365598
Ion Ratio Lower Upper
138 100
92 42.4 24.8 64.8
108 62.1 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

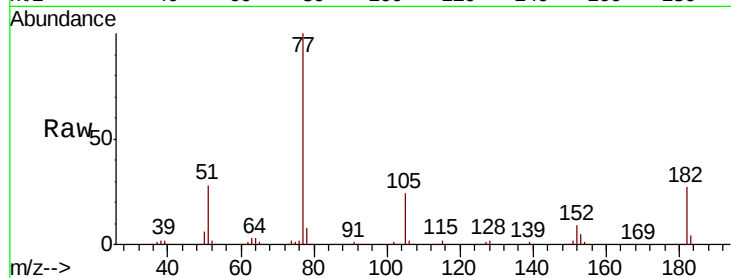




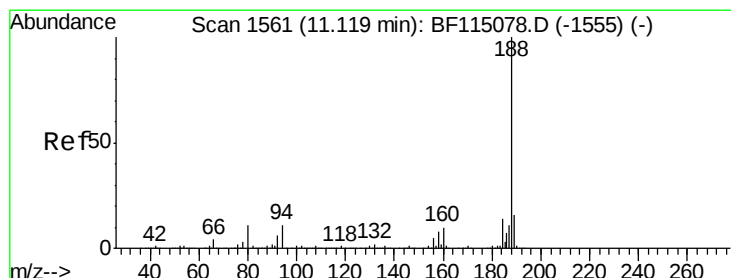
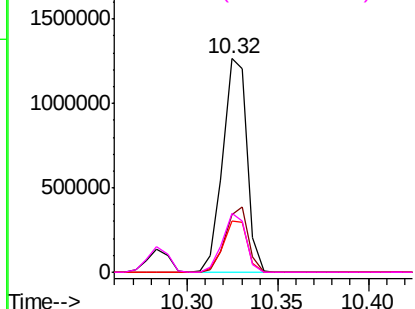
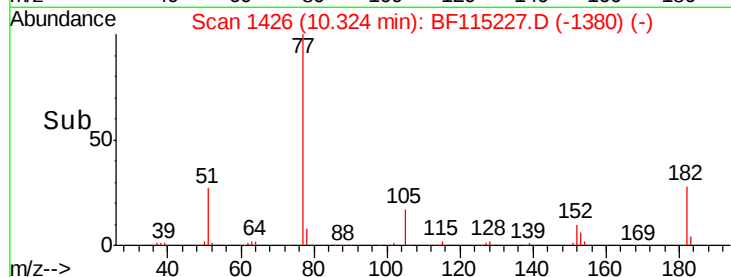
#63
Azobenzene
Concen: 37.363 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1176308
Ion Ratio Lower Upper
77 100
182 26.7 10.1 50.1
105 24.0 4.5 44.5
51 27.6 6.4 46.4

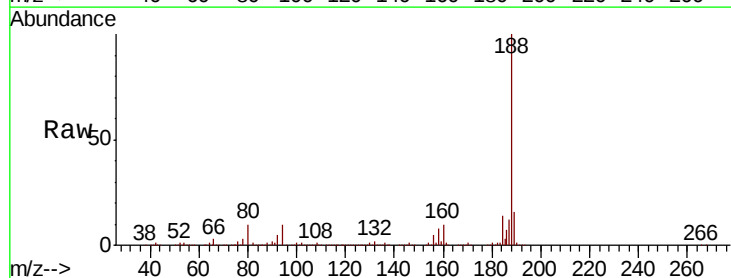


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

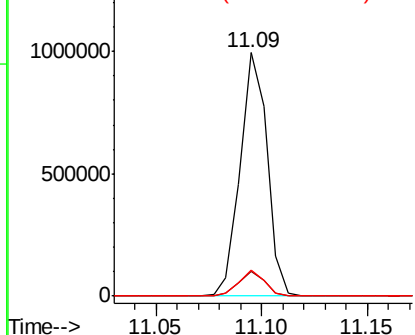
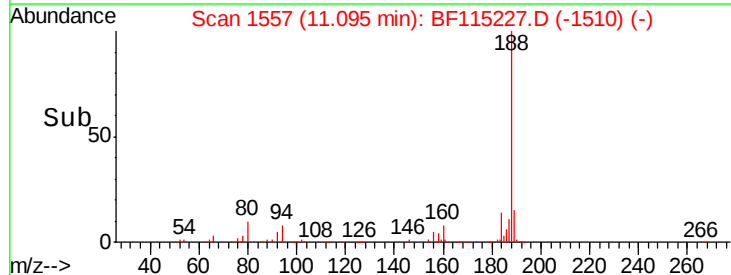


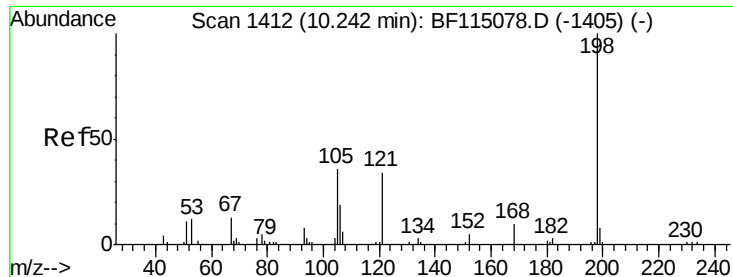
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion: 188 Resp: 879108
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 10.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.872 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

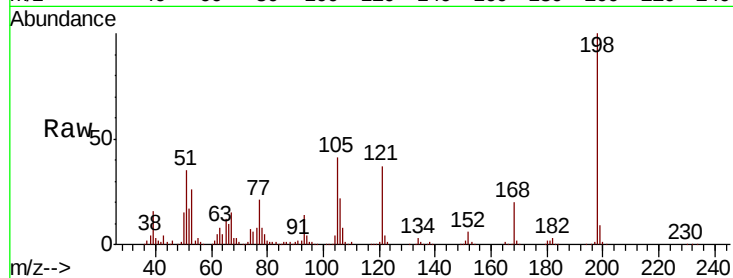
Tot Ion:198 Resp: 208208

Ion Ratio Lower Upper

198 100

51 34.9 11.0 51.0

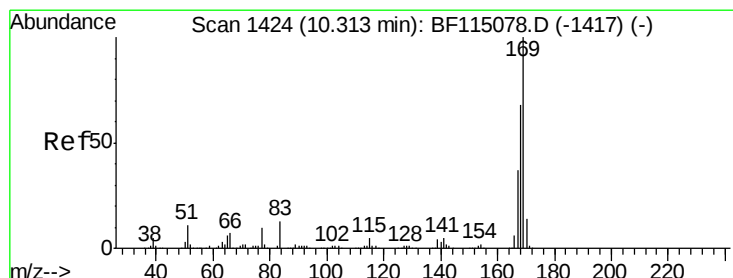
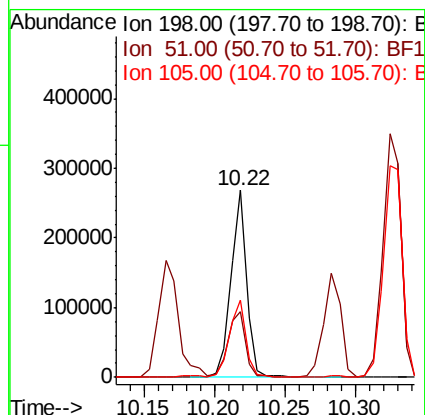
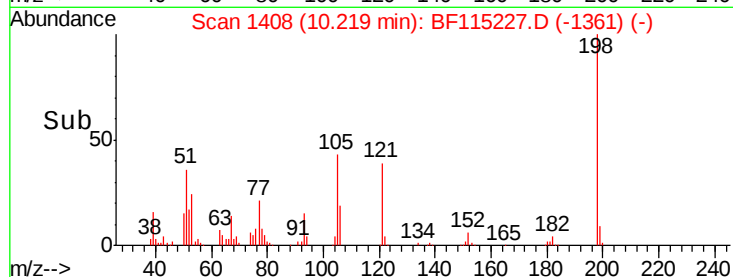
105 41.2 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.584 ng

RT: 10.28 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

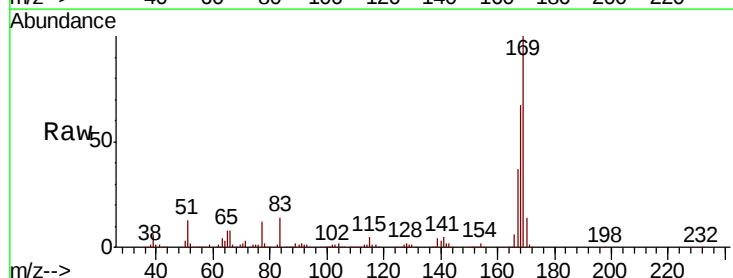
Tgt Ion:169 Resp: 1056762

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.4

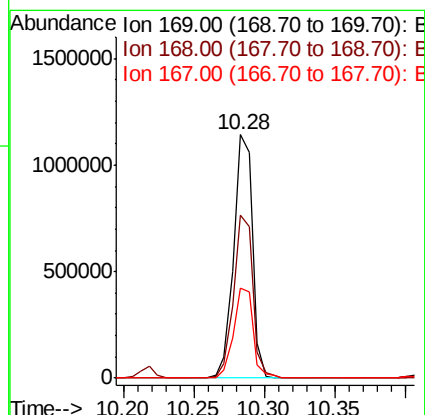
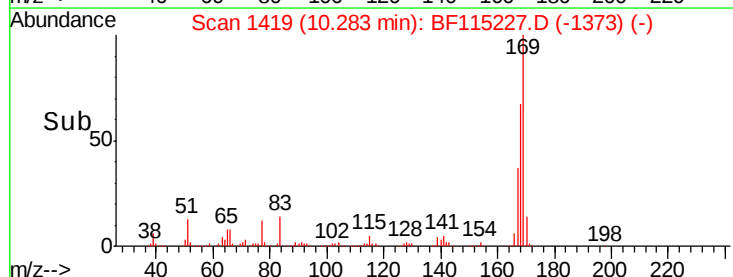
167 36.9 29.4 44.0

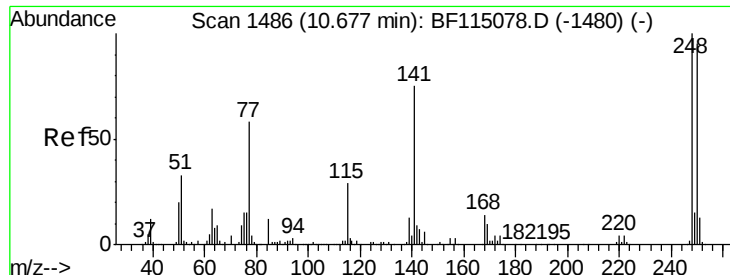


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

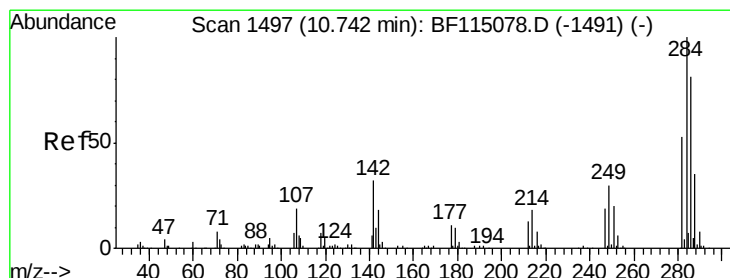
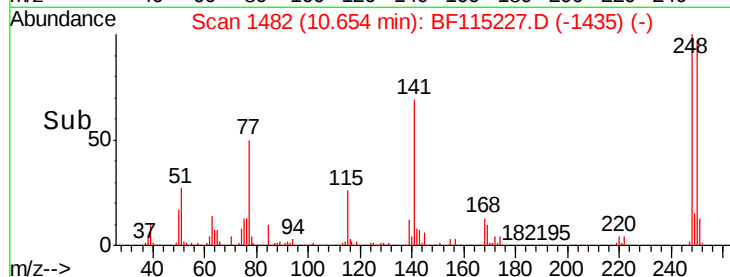
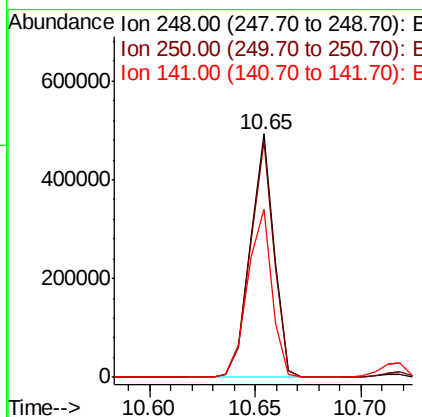
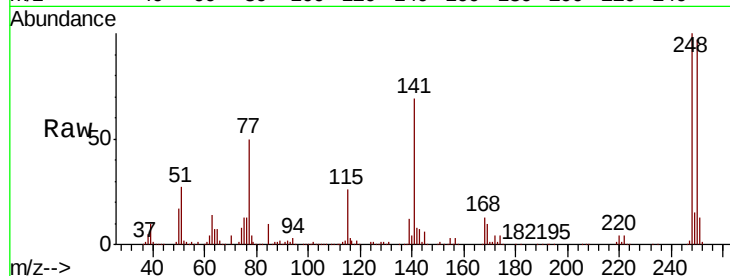




#67
 4-Bromophenyl-phenylether
 Concen: 40.450 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

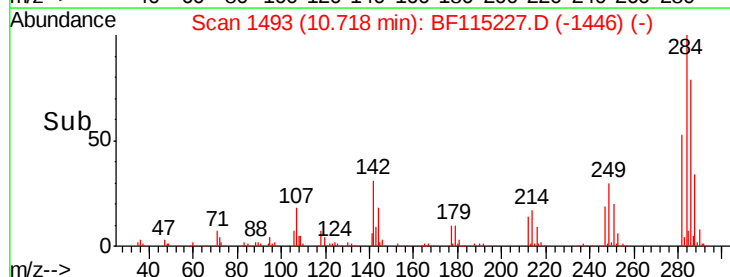
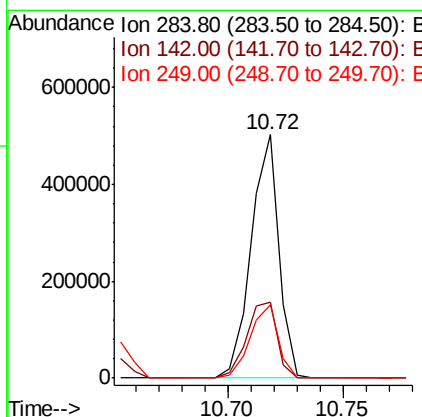
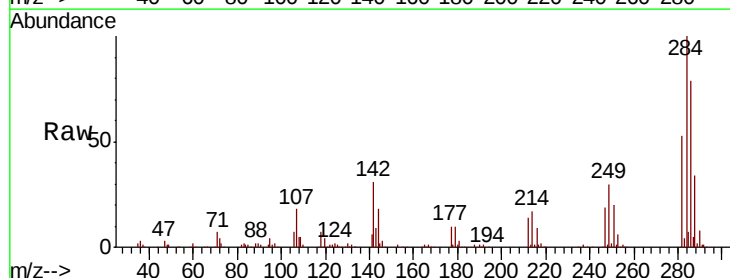
Instrument :
 BNA_G
 ClientSampled :

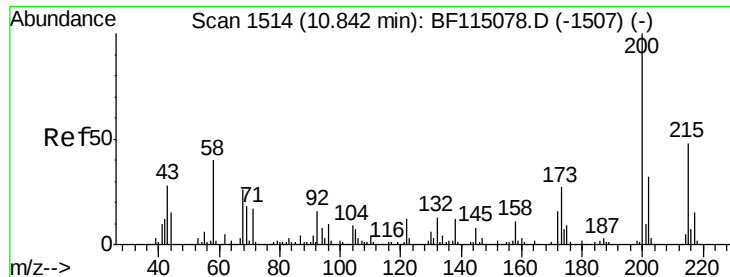
Tot Ion:248 Resp: 385546
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.2 114.2
 141 69.3 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 40.850 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:284 Resp: 422617
 Ion Ratio Lower Upper
 284 100
 142 31.3 25.8 38.8
 249 30.3 24.2 36.4

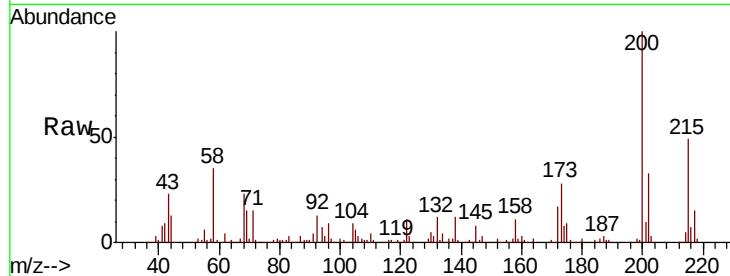




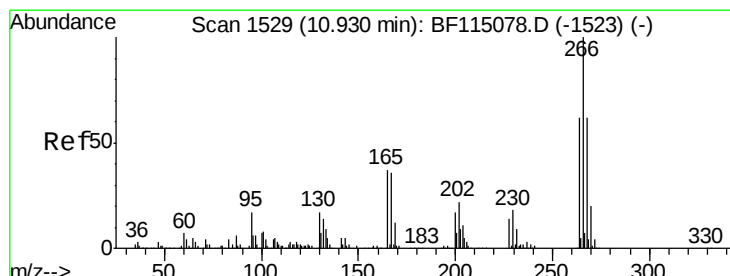
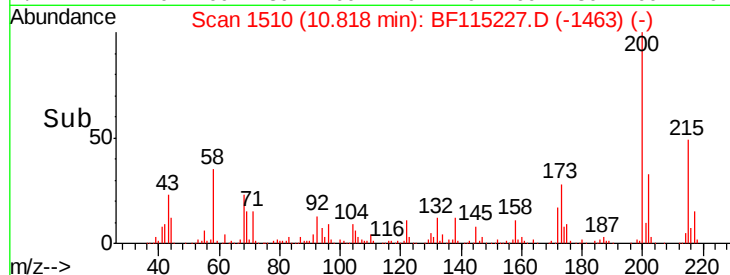
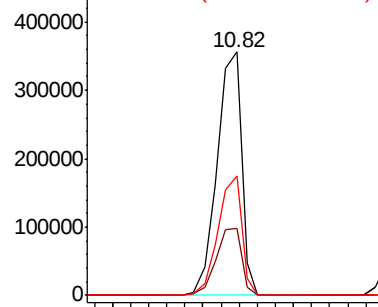
#69
 Atrazine
 Concen: 37.948 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.4	47.4
215	49.2	27.8	67.8

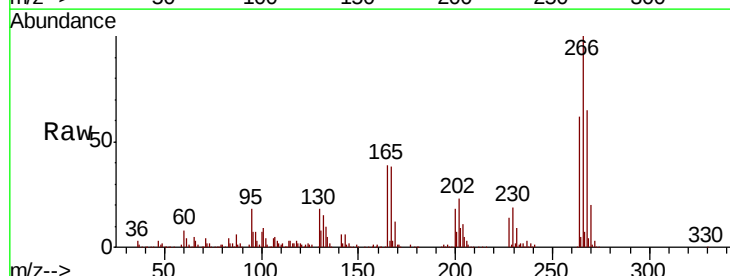


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

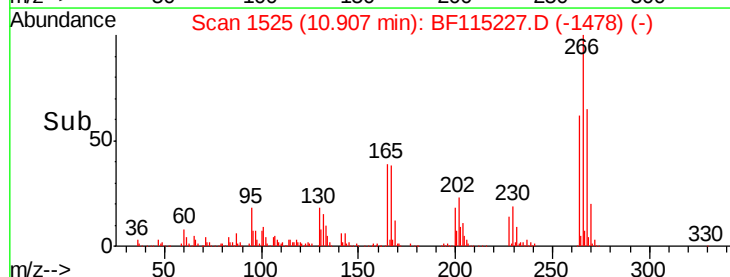
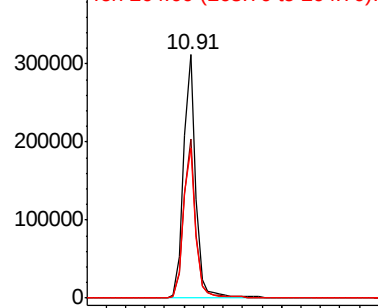


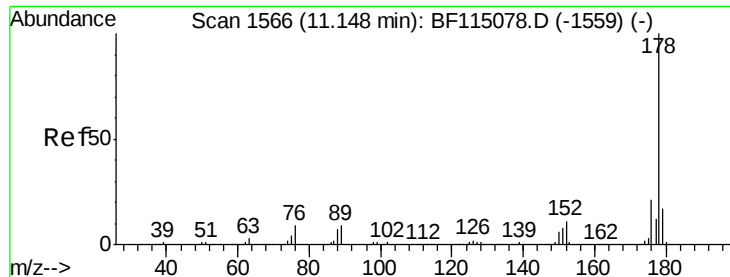
#70
 Pentachlorophenol
 Concen: 41.472 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	49.5	74.3
264	61.8	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

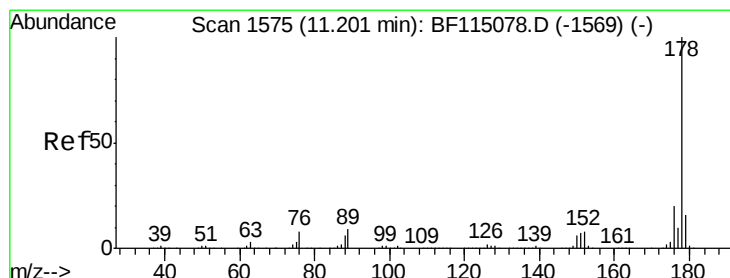
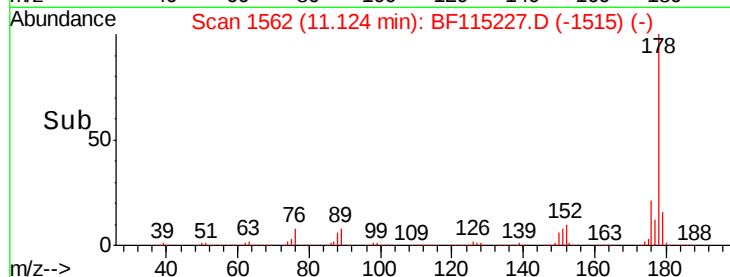
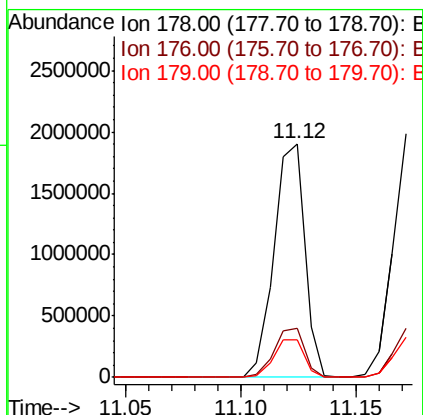
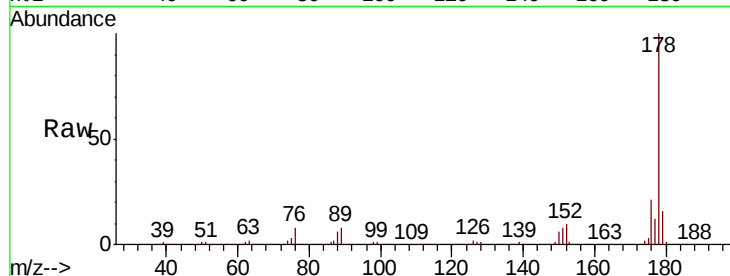




#71
 Phenanthrene
 Concen: 37.215 ng
 RT: 11.12 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

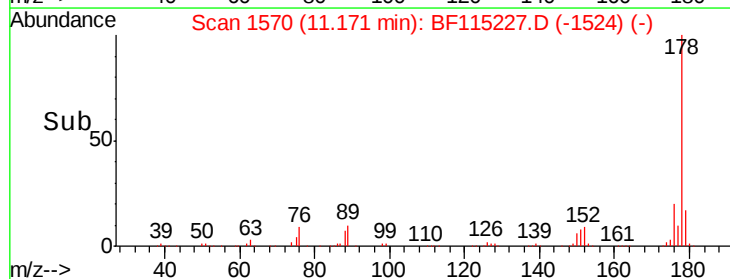
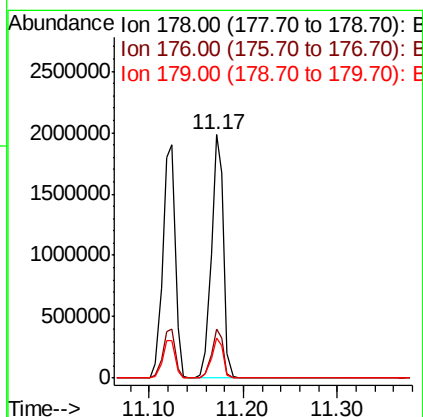
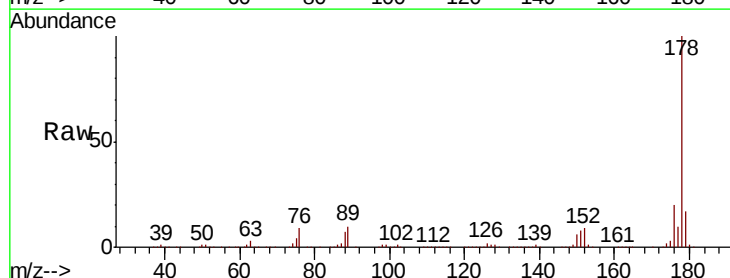
Instrument :
 BNA_G
 ClientSampled :

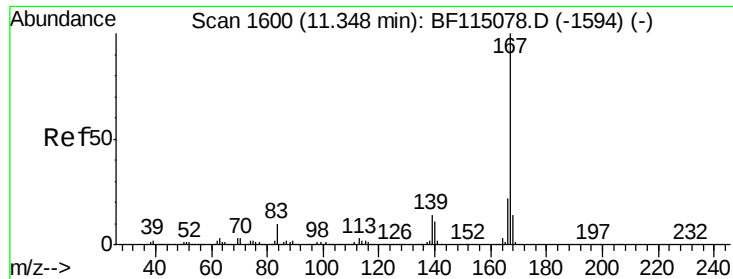
Tot Ion:178 Resp: 1761490
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.9 25.3
 179 16.3 13.2 19.8



#72
 Anthracene
 Concen: 37.935 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.03 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:178 Resp: 1812508
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 16.7 12.9 19.3

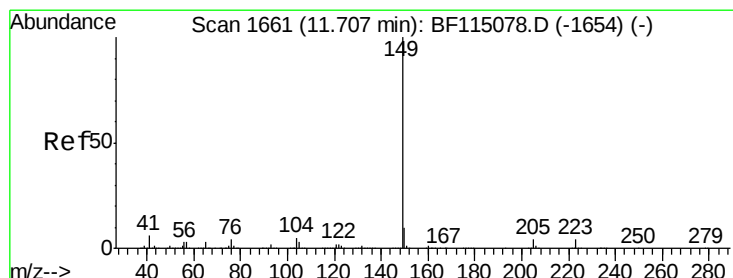
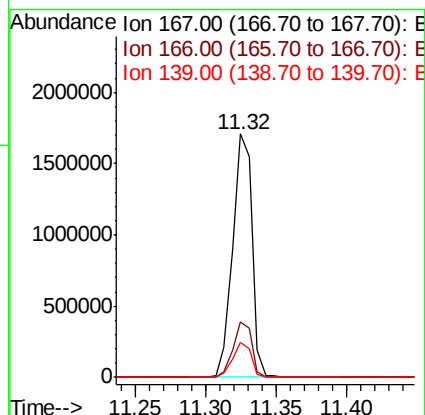
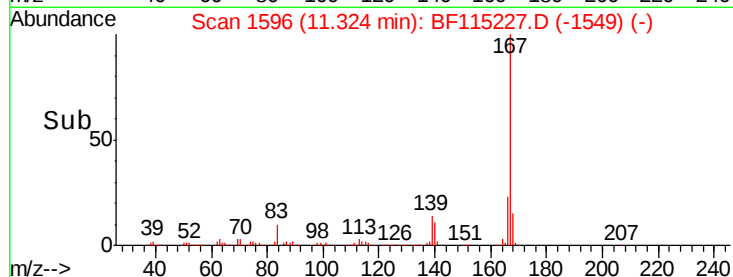
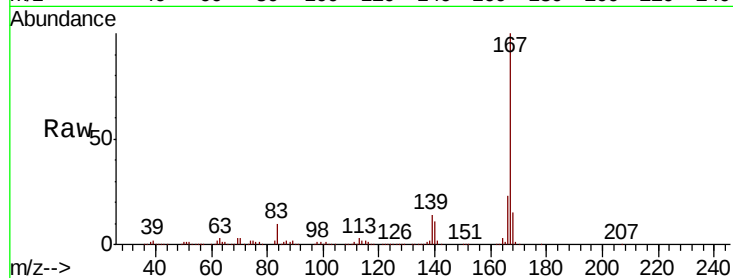




#73
 Carbazole
 Concen: 38.244 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

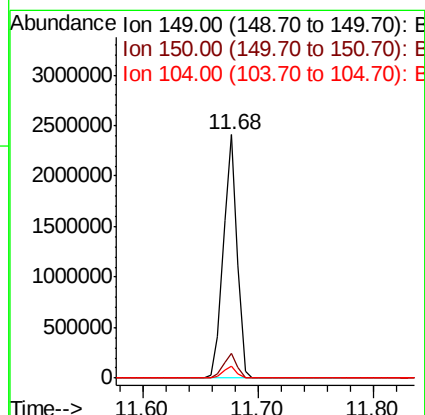
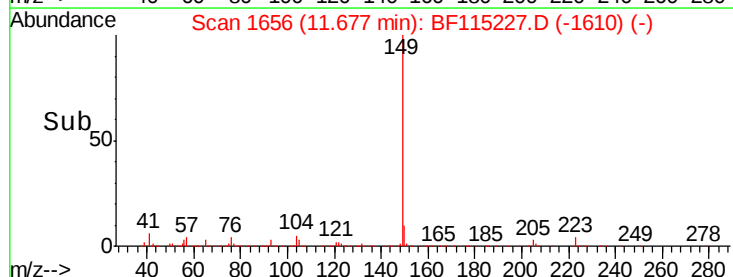
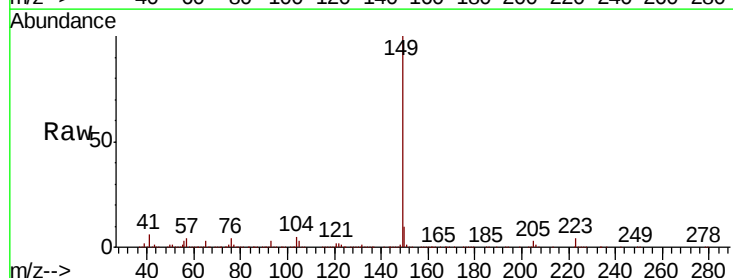
Instrument :
 BNA_G
 ClientSampleId :

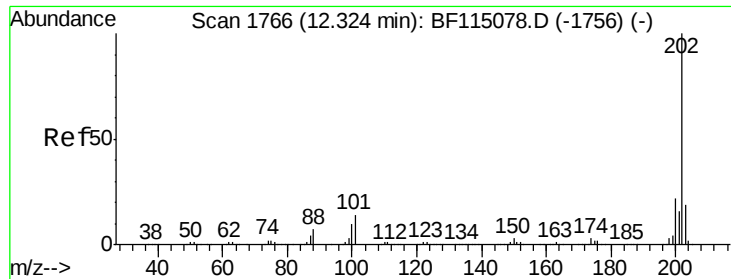
Tot Ion:167 Resp: 1631668
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.111 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:149 Resp: 1977515
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 4.8 3.7 5.5

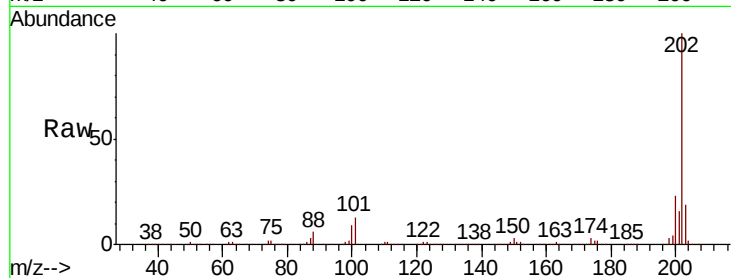




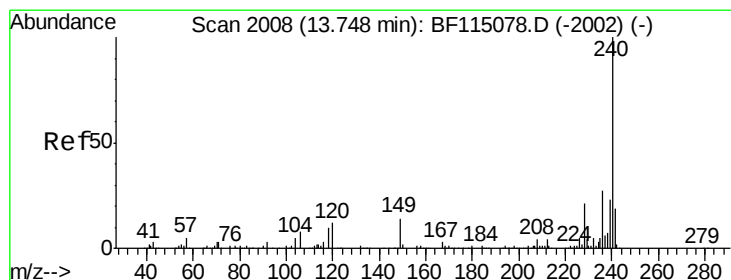
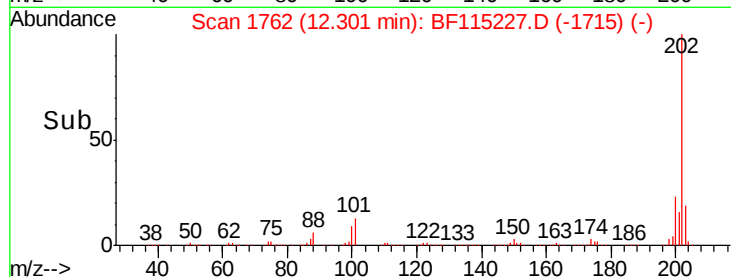
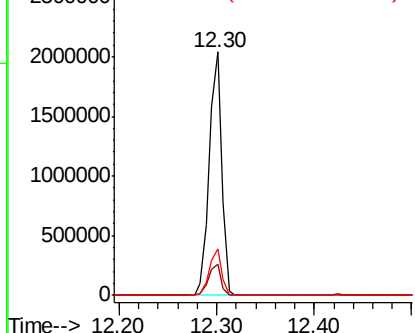
#75
 Fluoranthene
 Concen: 38.381 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:202 Resp: 1812565
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.0
 203 18.9 0.0 38.8

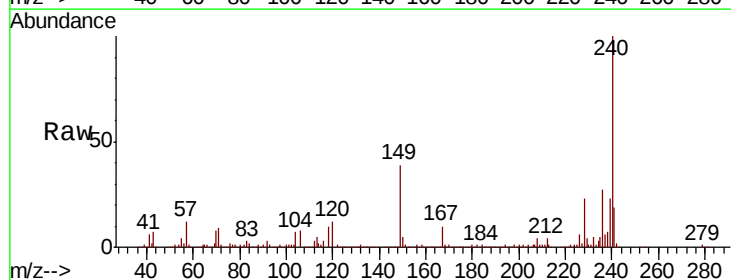


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

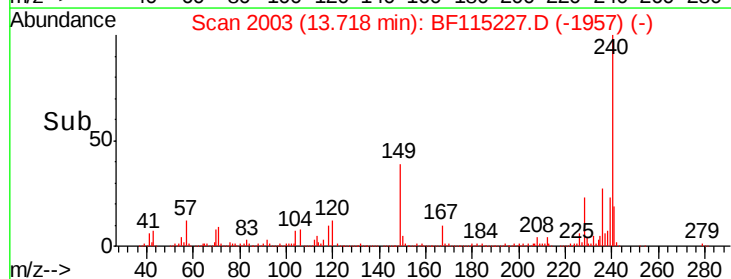
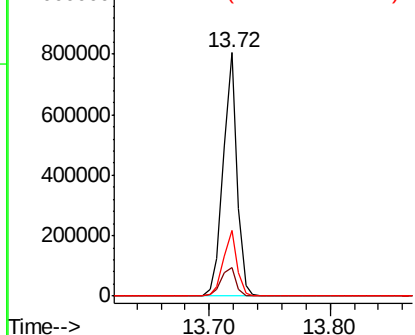


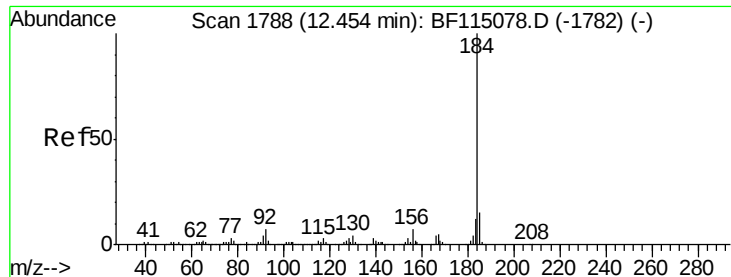
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF115227.D
 Acq: 27 Jun 2019 10:39

Tgt Ion:240 Resp: 628869
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.4 14.2
 236 26.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.787 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

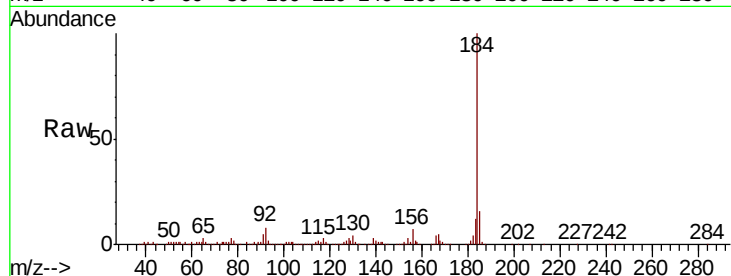
Tot Ion:184 Resp: 1027242

Ion Ratio Lower Upper

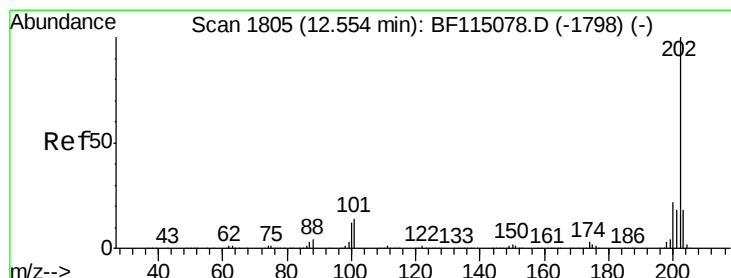
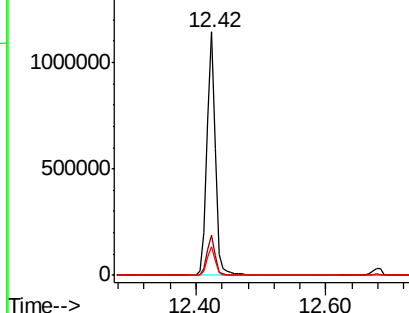
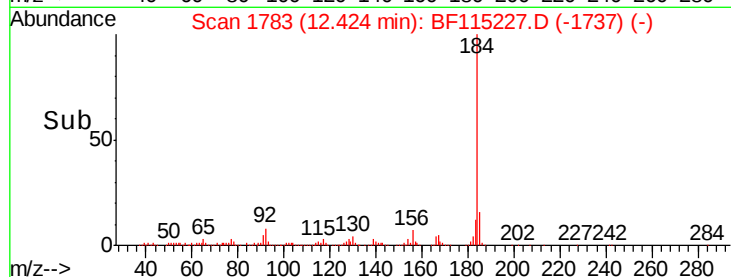
184 100

185 16.3 12.2 18.2

183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.961 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

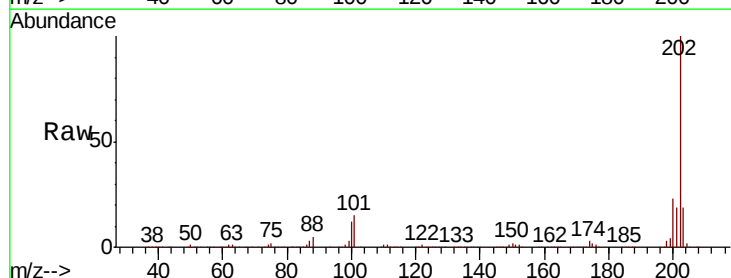
Tgt Ion:202 Resp: 1882929

Ion Ratio Lower Upper

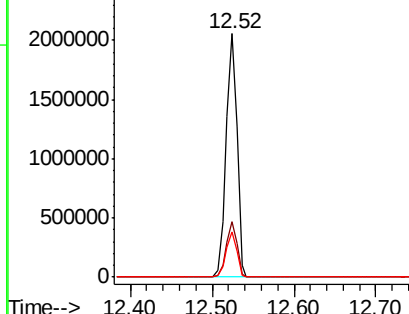
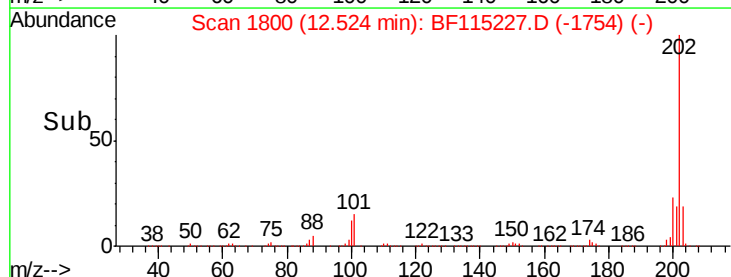
202 100

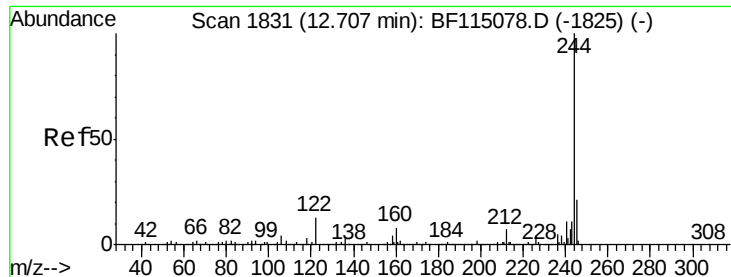
200 22.7 17.9 26.9

203 18.8 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.887 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

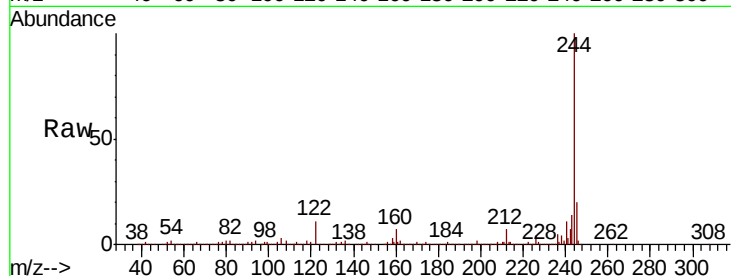
Tot Ion:244 Resp: 2362865

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

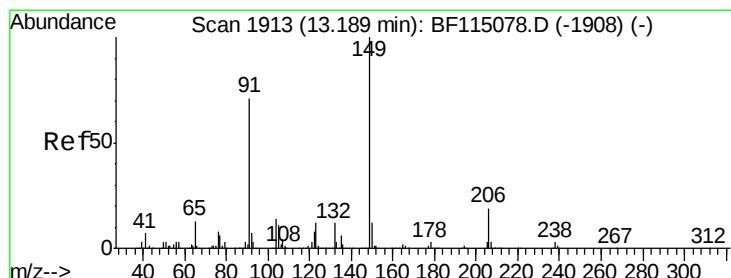
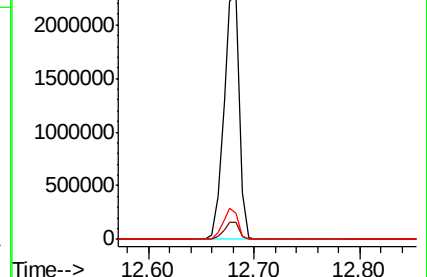
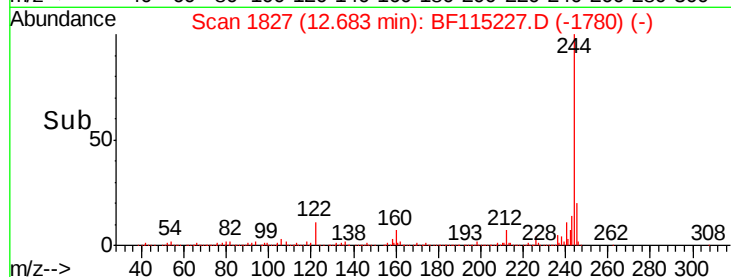
122 10.9 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.770 ng

RT: 13.16 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

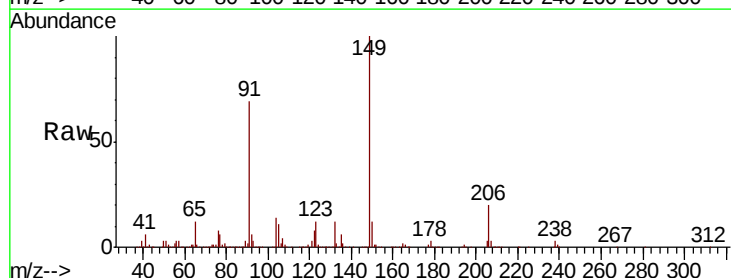
Tgt Ion:149 Resp: 848207

Ion Ratio Lower Upper

149 100

91 68.5 56.5 84.7

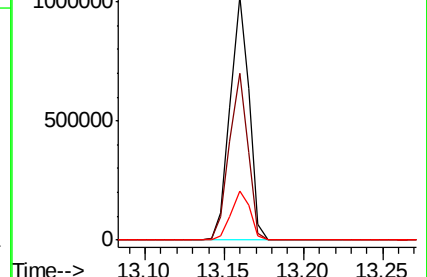
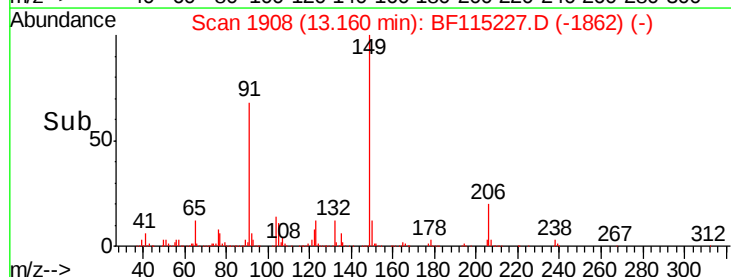
206 20.2 15.3 22.9

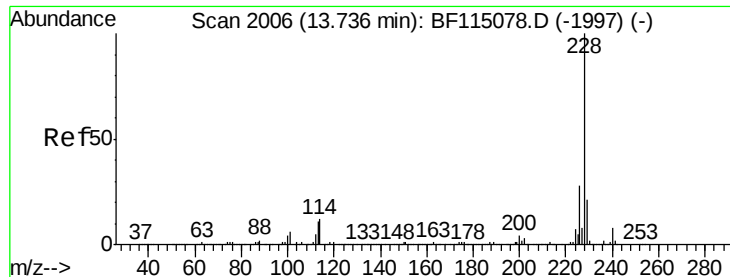


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

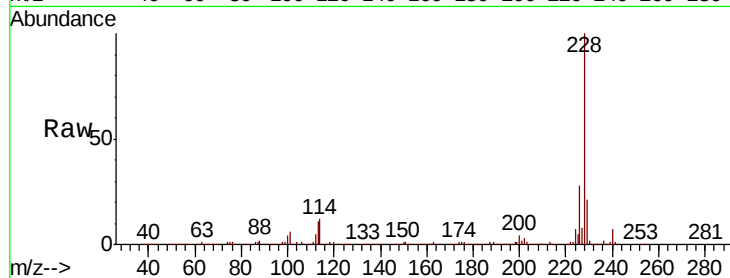




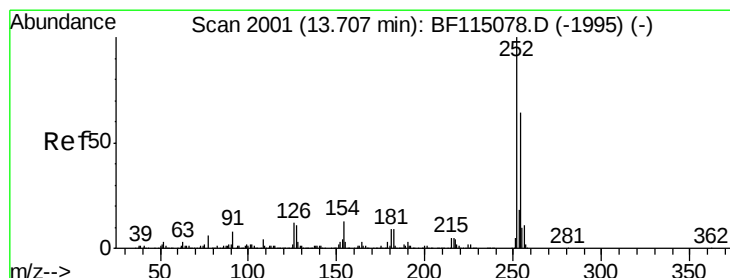
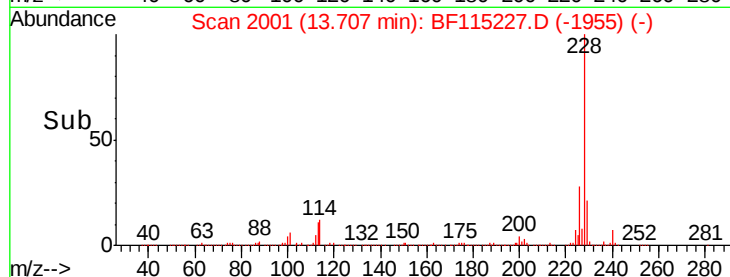
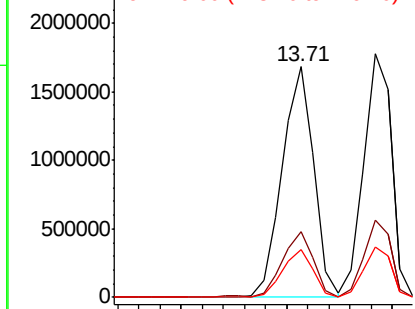
#81
Benzo(a)anthracene
Concen: 38.945 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1757328
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 20.9 16.6 24.8

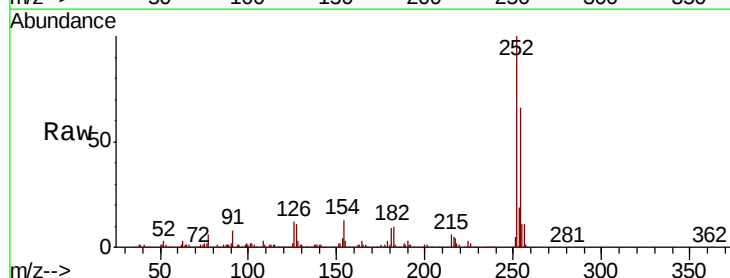


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

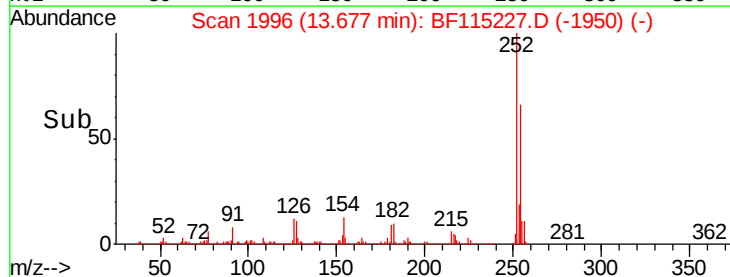
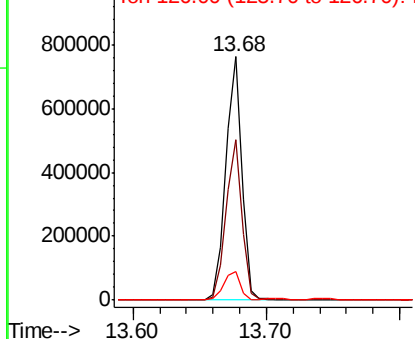


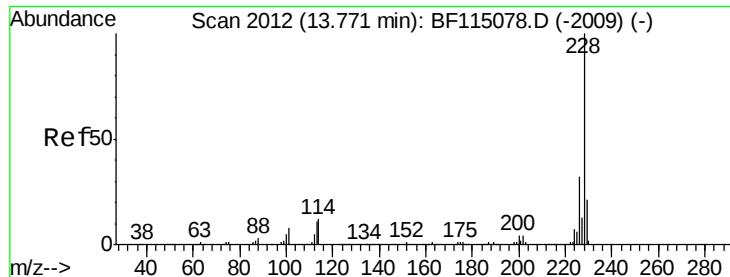
#82
3,3'-Dichlorobenzidine
Concen: 40.095 ng
RT: 13.68 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:252 Resp: 653336
Ion Ratio Lower Upper
252 100
254 65.9 51.1 76.7
126 11.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.487 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampleId :

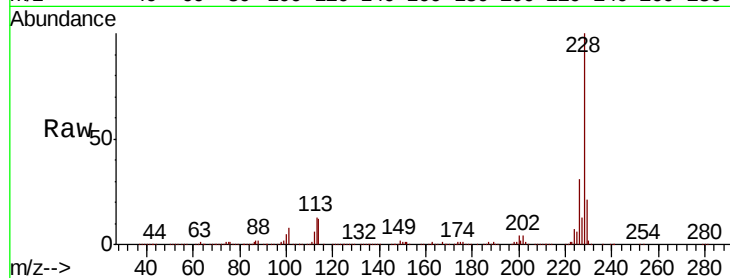
Tot Ion:228 Resp: 1632150

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

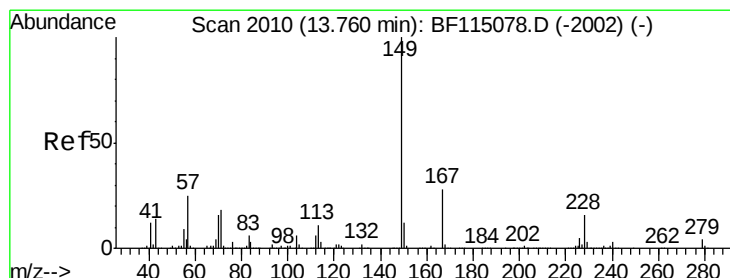
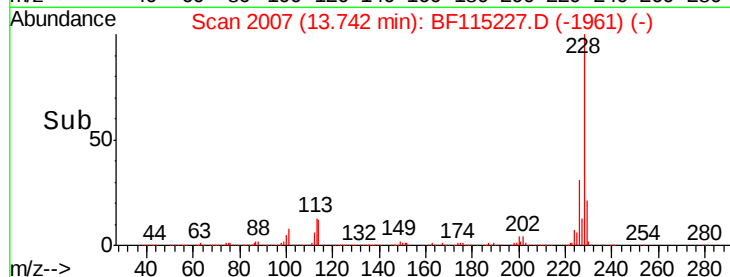
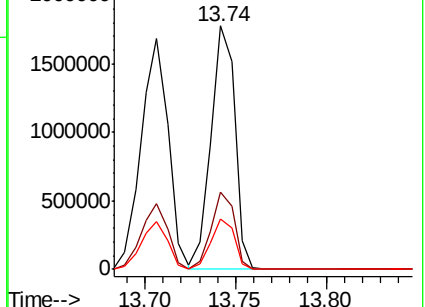
229 20.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.612 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

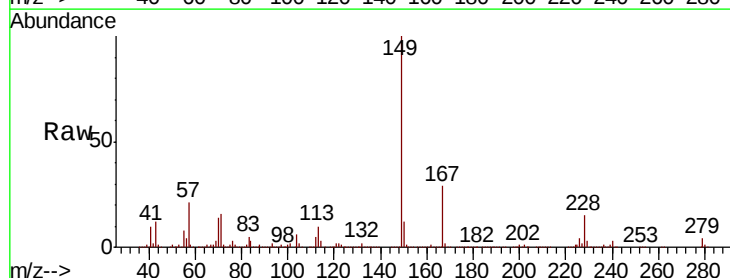
Tgt Ion:149 Resp: 1134952

Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

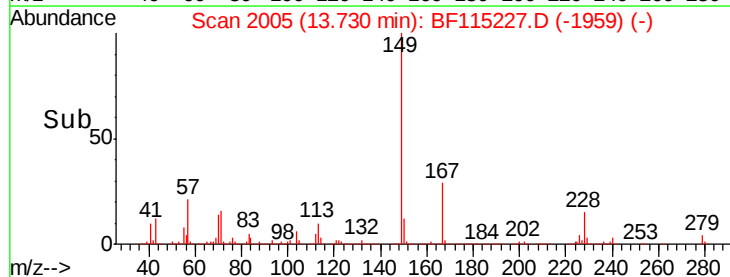
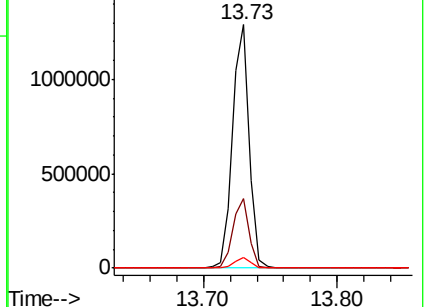
279 4.4 2.9 4.3#

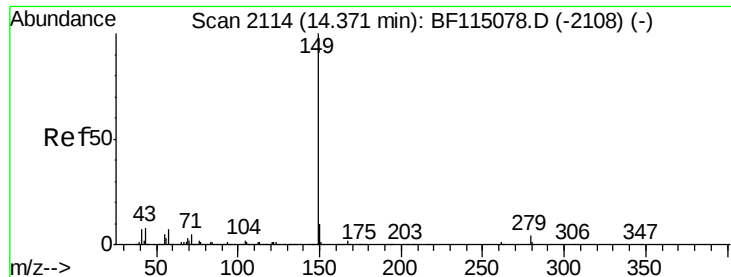


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.163 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

Instrument :

BNA_G

ClientSampled :

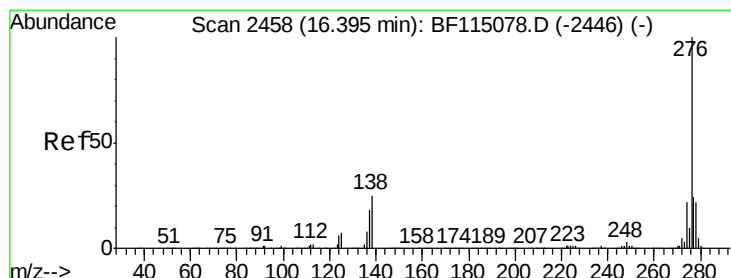
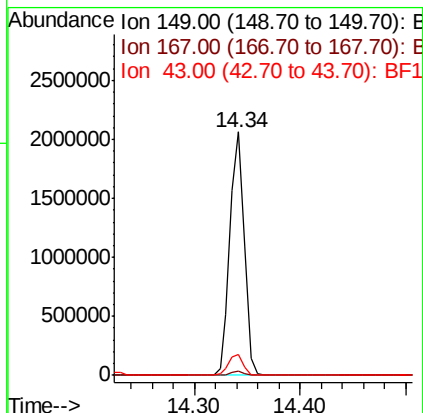
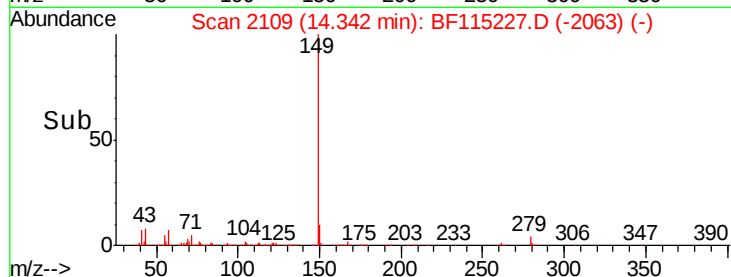
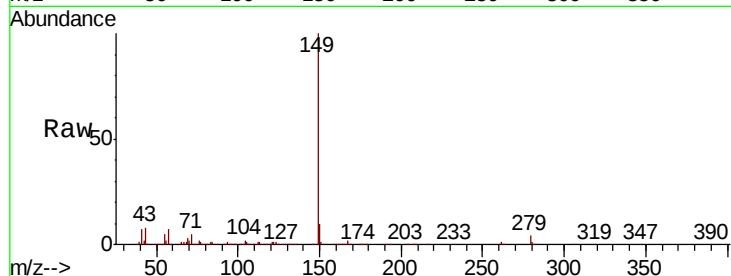
Tot Ion:149 Resp: 1932806

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.158 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115227.D

Acq: 27 Jun 2019 10:39

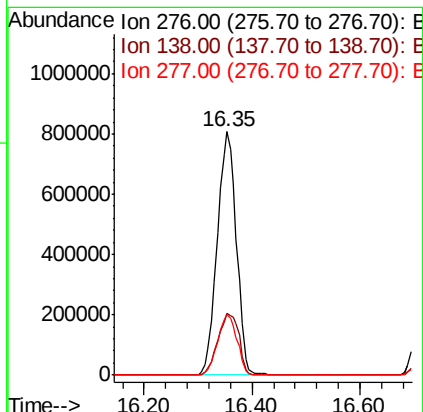
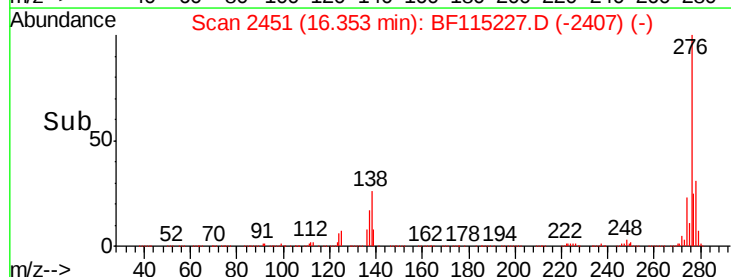
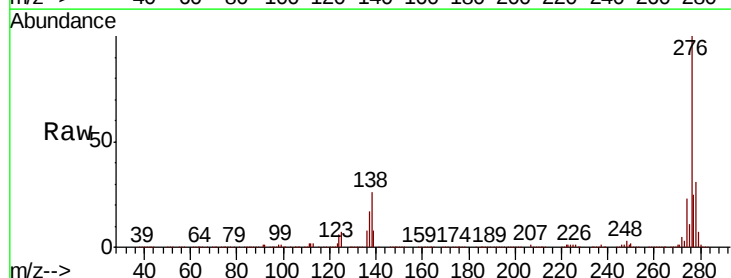
Tgt Ion:276 Resp: 2013058

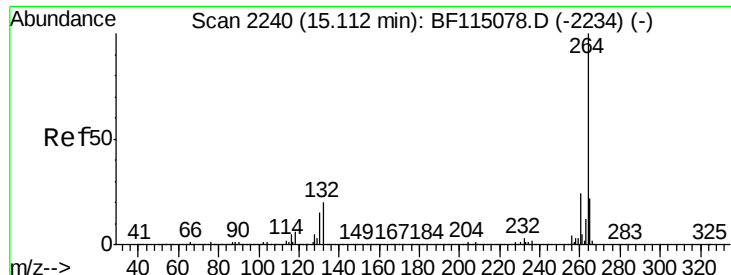
Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

277 25.3 20.1 30.1

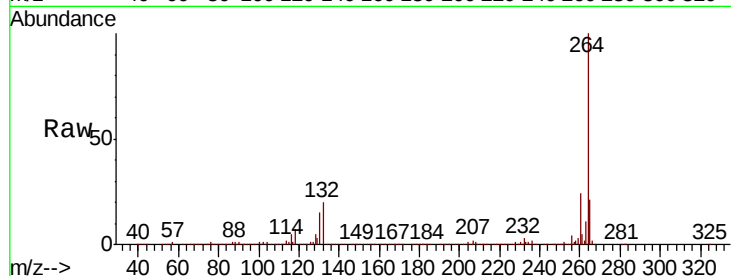




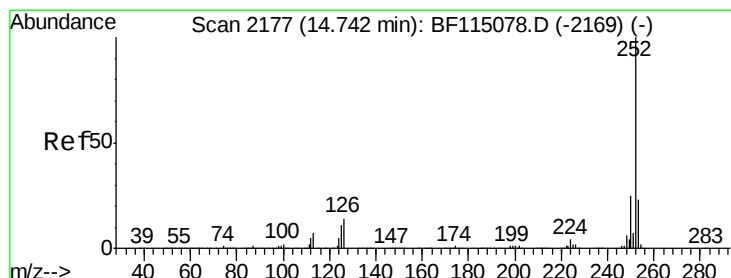
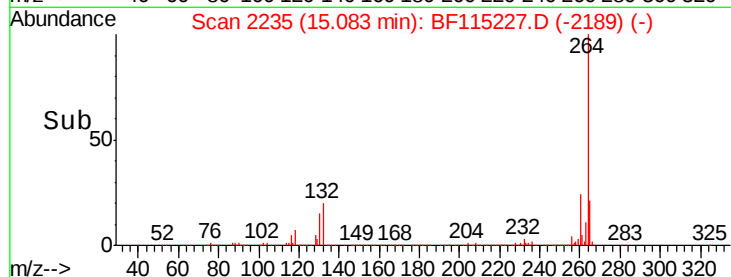
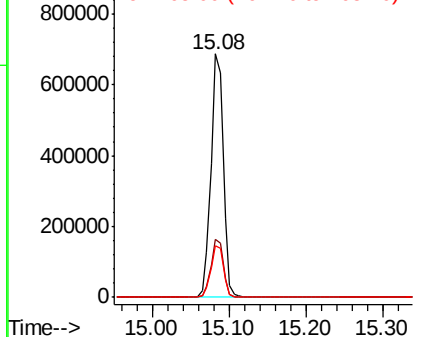
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 749893
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.4 17.3 25.9

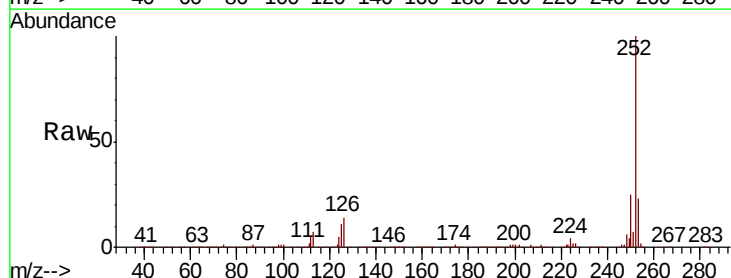


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

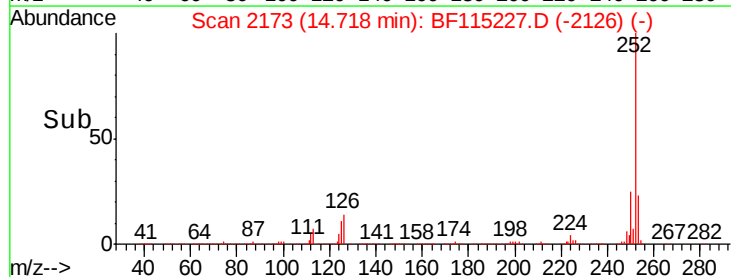
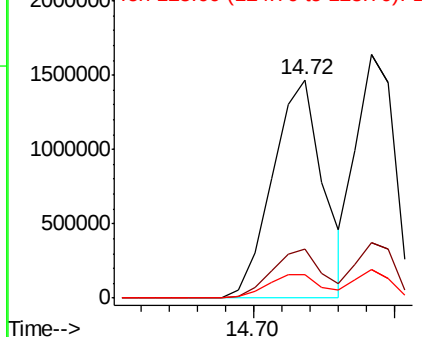


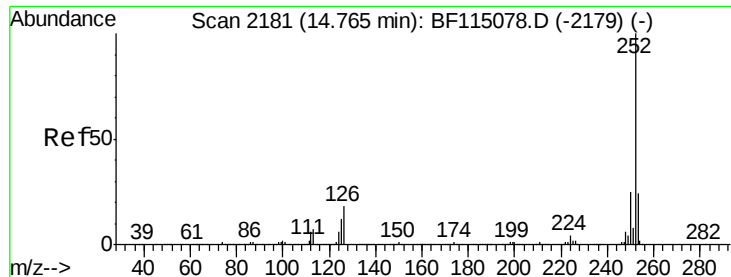
#88
Benzo(b)fluoranthene
Concen: 39.092 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:252 Resp: 1829171
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.7 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

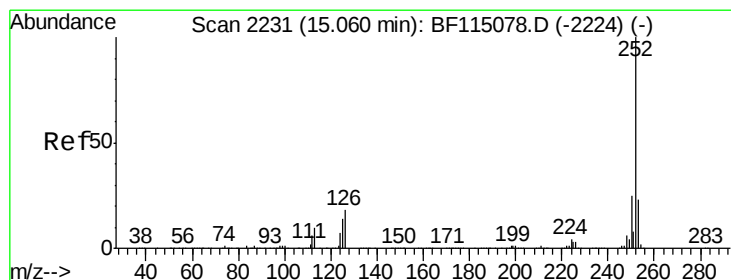
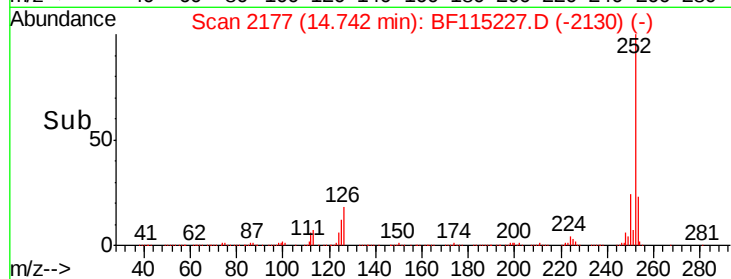
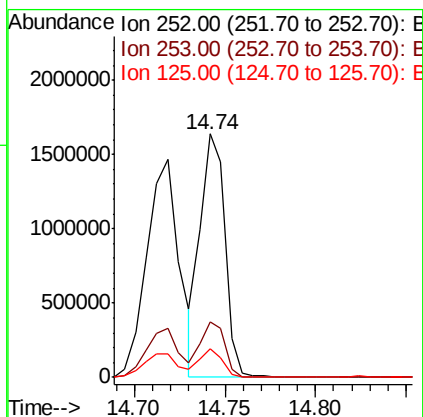
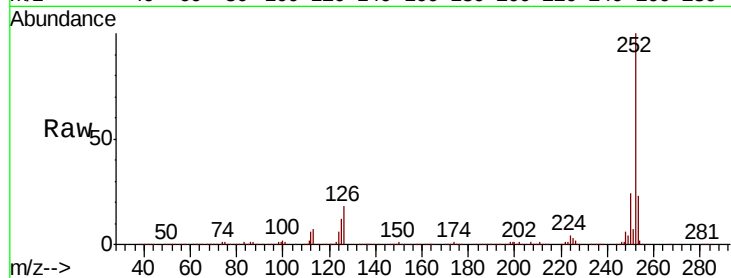




#89
Benzo(k)fluoranthene
Concen: 36.916 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

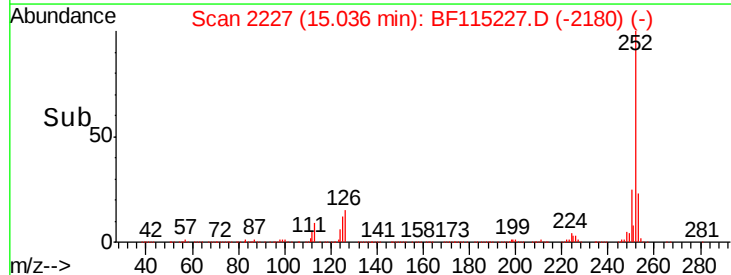
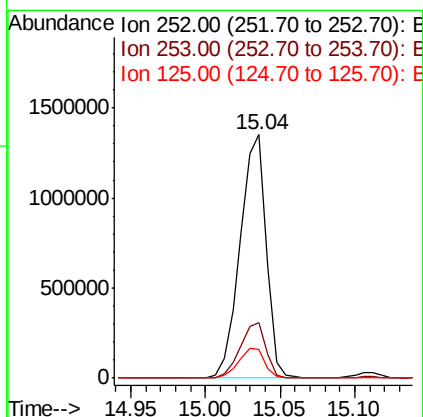
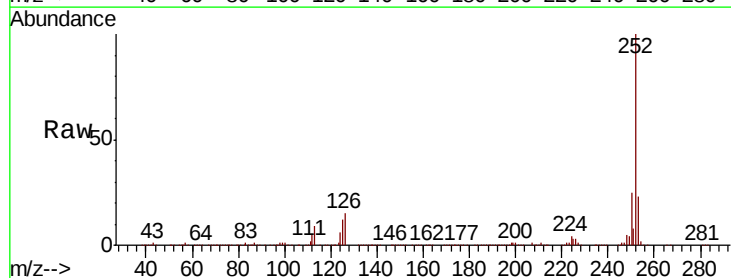
Instrument :
BNA_G
ClientSampleId :

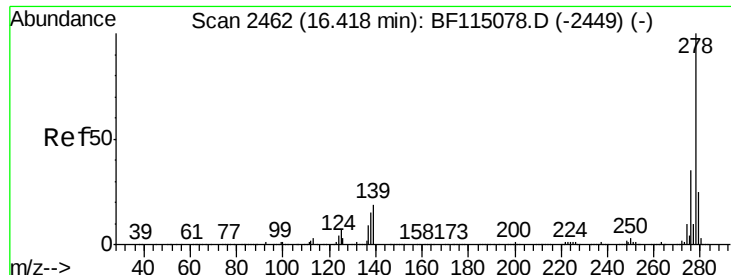
Tot Ion:252 Resp: 1549045
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 38.922 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:252 Resp: 1641468
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.7 10.9 16.3

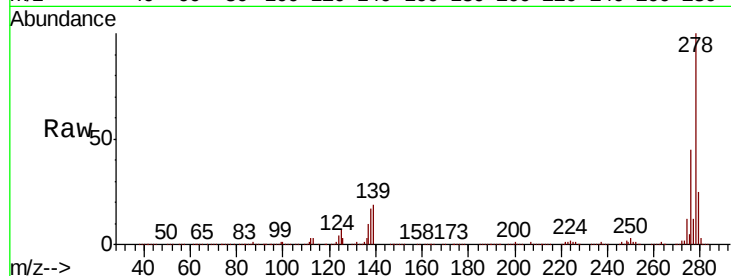




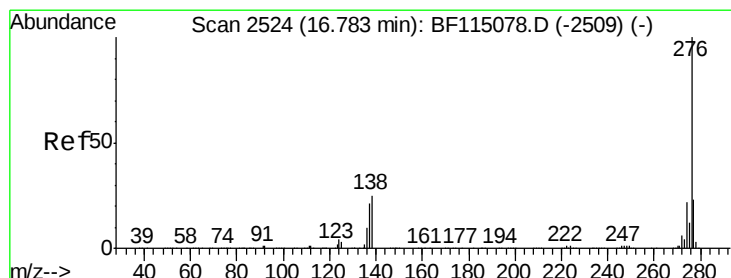
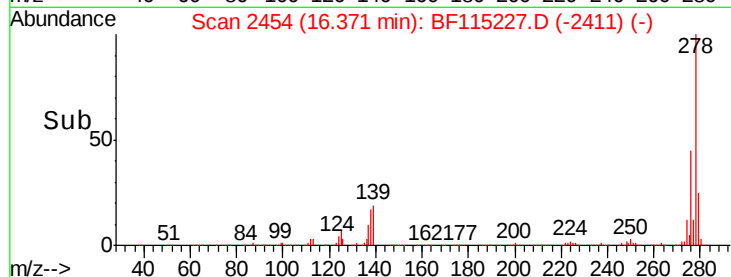
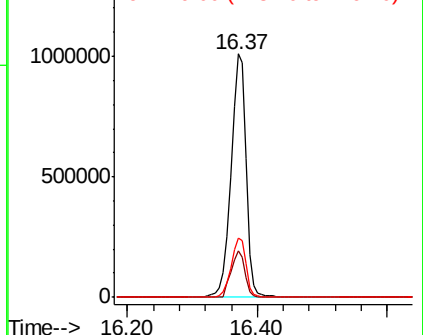
#91
Dibenzo(a,h)anthracene
Concen: 41.239 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.05 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1623665
Ion Ratio Lower Upper
278 100
139 19.2 15.4 23.2
279 24.5 19.9 29.9

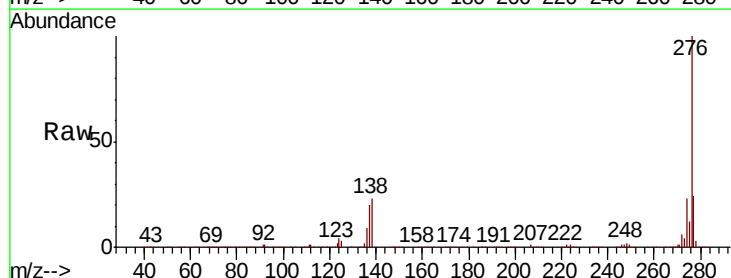


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.688 ng
RT: 16.74 min Scan# 2516
Delta R.T. -0.05 min
Lab File: BF115227.D
Acq: 27 Jun 2019 10:39

Tgt Ion:276 Resp: 1661226
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 23.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

