

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115208.D
 Acq On : 26 Jun 2019 8:21
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 12:11:12 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	6.61	152	284406	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1152799	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	567675	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1112293	20.00	ng	0.00
76) Chrysene-d12	13.74	240	774210	20.00	ng	-0.01
87) Perylene-d12	15.09	264	1004348	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1409150	76.46	ng	0.00
7) Phenol-d6	6.25	99	1733231	77.48	ng	0.00
23) Nitrobenzene-d5	7.18	82	1533181	81.81	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	526968	88.03	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2678098	80.14	ng	0.00
79) Terphenyl-d14	12.69	244	3027004	83.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	340026	39.092	ng	98
3) Pyridine	2.84	79	930683	37.963	ng	98
4) n-Nitrosodimethylamine	2.79	42	356763	37.122	ng	98
6) Aniline	6.28	93	1173766	38.179	ng	98
8) 2-Chlorophenol	6.40	128	829340	40.019	ng	96
9) Benzaldehyde	6.15	77	550039	37.689	ng	99
10) Phenol	6.27	94	992477	37.877	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	765312	39.622	ng	97
12) 1,3-Dichlorobenzene	6.55	146	920502	40.023	ng	99
13) 1,4-Dichlorobenzene	6.63	146	924489	40.085	ng	99
14) 1,2-Dichlorobenzene	6.79	146	859757	40.255	ng	98
15) Benzyl Alcohol	6.76	79	613977	37.693	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1106310	39.491	ng	98
17) 2-Methylphenol	6.88	107	665686	38.916	ng	99
18) Hexachloroethane	7.13	117	338200	40.675	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	544529	38.022	ng	99
20) 3+4-Methylphenols	7.03	107	772535	39.112	ng	# 84
22) Acetophenone	7.03	105	1034869	39.212	ng	# 99
24) Nitrobenzene	7.20	77	843529	40.858	ng	97
25) Isophorone	7.44	82	1512848	39.408	ng	99
26) 2-Nitrophenol	7.51	139	467098	45.814	ng	99
27) 2,4-Dimethylphenol	7.56	122	685857	41.086	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	977619	40.291	ng	98
29) 2,4-Dichlorophenol	7.75	162	708797	41.144	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	794518	41.753	ng	99
31) Naphthalene	7.92	128	2256797	39.881	ng	99
32) Benzoic acid	7.70	122	529523	44.439	ng	94
33) 4-Chloroaniline	7.97	127	1047425	40.501	ng	99
34) Hexachlorobutadiene	8.05	225	452476	43.391	ng	99
35) Caprolactam	8.35	113	231140	39.907	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	714184	40.936	ng	98
37) 2-Methylnaphthalene	8.61	142	1531380	40.136	ng	99
38) 1-Methylnaphthalene	8.71	142	1461166	40.098	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	677314	42.223	ng	100

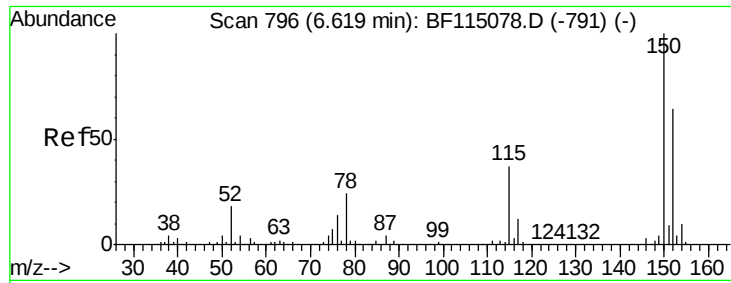
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115208.D
 Acq On : 26 Jun 2019 8:21
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Quant Time: Jun 26 12:11:12 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	395578	41.587	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	516477	41.703	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	541339	42.445	ng	96
46) 1,1'-Biphenyl	9.07	154	1784120	39.279	ng	98
47) 2-Chloronaphthalene	9.10	162	1515169	41.124	ng	99
48) 2-Nitroaniline	9.18	65	464913	43.281	ng	97
49) Acenaphthylene	9.50	152	2294986	39.979	ng	99
50) Dimethylphthalate	9.38	163	1730610	41.437	ng	100
51) 2,6-Dinitrotoluene	9.43	165	411048	42.630	ng	98
52) Acenaphthene	9.68	154	1470166	40.928	ng	98
53) 3-Nitroaniline	9.60	138	481131	40.889	ng	99
54) 2,4-Dinitrophenol	9.70	184	224559	48.448	ng	92
55) Dibenzofuran	9.85	168	2000915	38.810	ng	99
56) 4-Nitrophenol	9.75	139	387209	41.047	ng	95
57) 2,4-Dinitrotoluene	9.83	165	543473	43.652	ng	96
58) Fluorene	10.19	166	1393790	39.851	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	460902	43.098	ng	98
60) Diethylphthalate	10.08	149	1720841	40.989	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	688997	41.746	ng	98
62) 4-Nitroaniline	10.21	138	492107	41.689	ng	99
63) Azobenzene	10.34	77	1564554	39.899	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	276486	46.849	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1409239	40.667	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	517567	42.918	ng	99
68) Hexachlorobenzene	10.73	284	567727	43.371	ng	95
69) Atrazine	10.83	200	477799	42.862	ng	99
70) Pentachlorophenol	10.92	266	377077	45.217	ng	98
71) Phenanthrene	11.14	178	2301865	38.436	ng	99
72) Anthracene	11.19	178	2347288	38.829	ng	98
73) Carbazole	11.34	167	2138746	39.620	ng	98
74) Di-n-butylphthalate	11.69	149	2600935	41.696	ng	98
75) Fluoranthene	12.32	202	2390881	40.013	ng	97
77) Benzidine	12.44	184	1398054	40.667	ng	99
78) Pyrene	12.54	202	2478056	41.649	ng	98
80) Butylbenzylphthalate	13.18	149	1184913	45.127	ng	92
81) Benzo(a)anthracene	13.72	228	2367380	42.615	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	897586	44.743	ng	99
83) Chrysene	13.77	228	2191242	43.061	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1546254	44.942	ng	99
85) Di-n-octyl phthalate	14.35	149	2644875	45.754	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2865235	47.584	ng	98
88) Benzo(b)fluoranthene	14.72	252	2448984	39.078	ng	98
89) Benzo(k)fluoranthene	14.75	252	2195113	39.059	ng	98
90) Benzo(a)pyrene	15.05	252	2273914	40.258	ng	98
91) Dibenzo(a,h)anthracene	16.39	278	2268113	43.013	ng	99
92) Benzo(g,h,i)perylene	16.76	276	2355869	44.142	ng	98

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

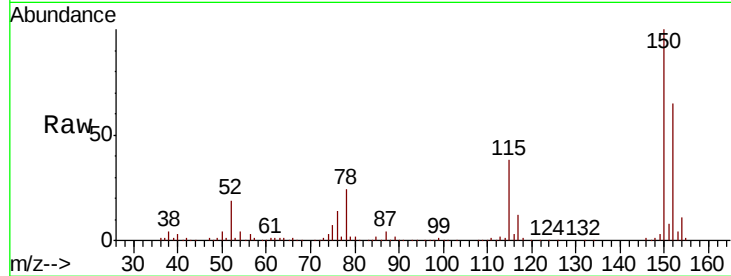


#1

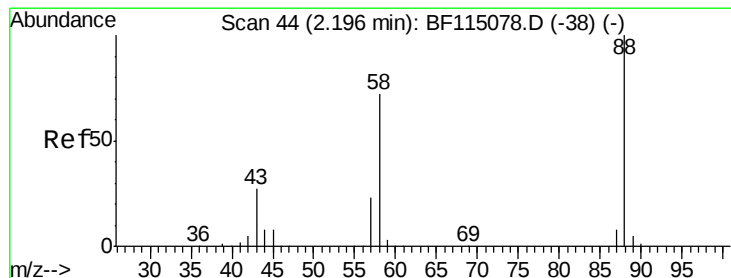
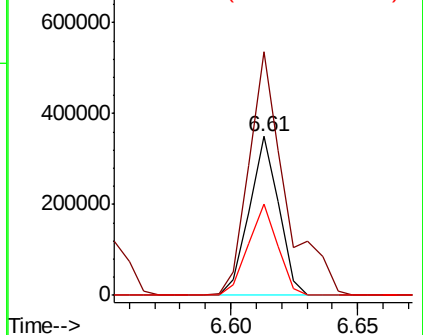
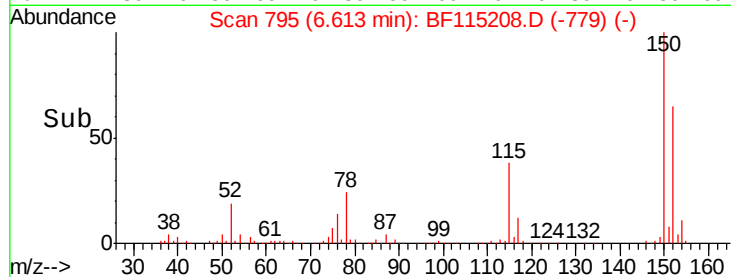
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	57.8	46.1	69.1



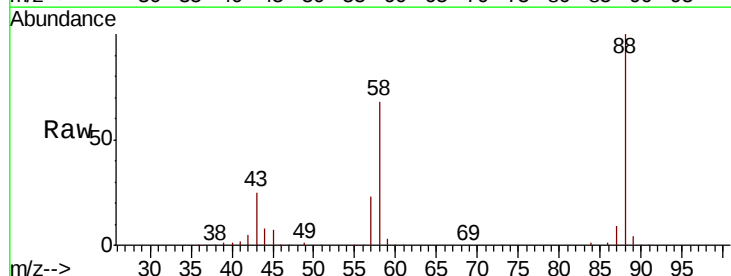
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



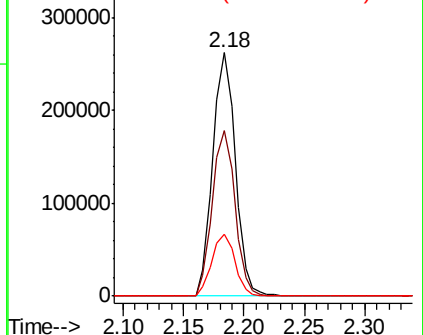
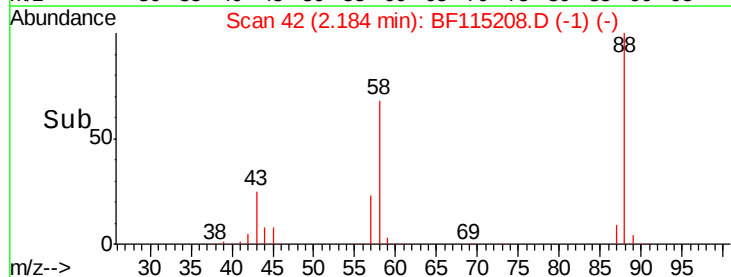
#2

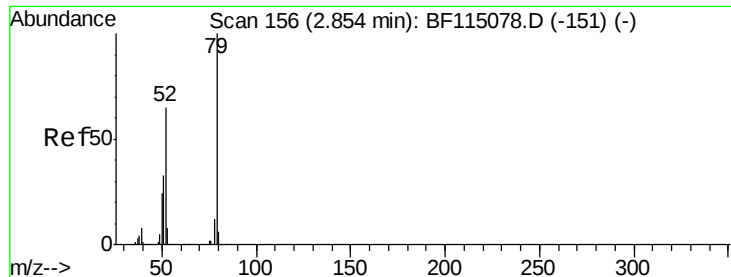
1,4-Dioxane
 Concen: 39.092 ng
 RT: 2.18 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	56.1	84.1
43	26.3	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: 37.963 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

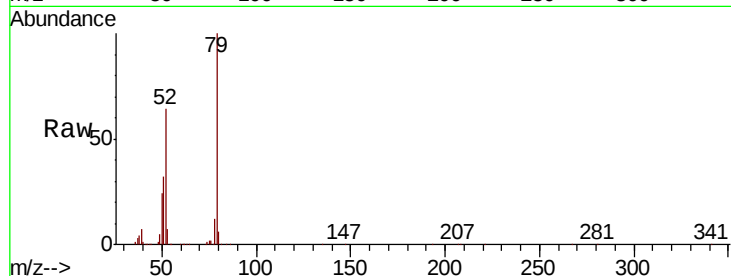
Tot Ion: 79 Resp: 930683

Ion Ratio Lower Upper

79 100

52 63.6 52.3 78.5

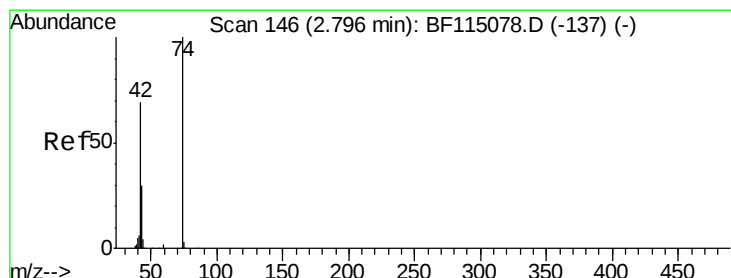
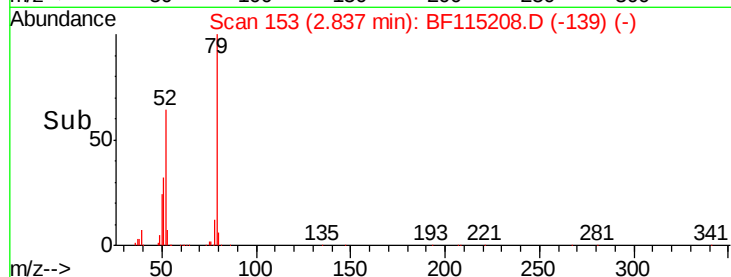
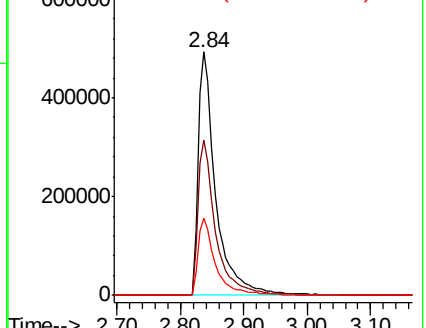
51 31.7 26.1 39.1



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: 37.122 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

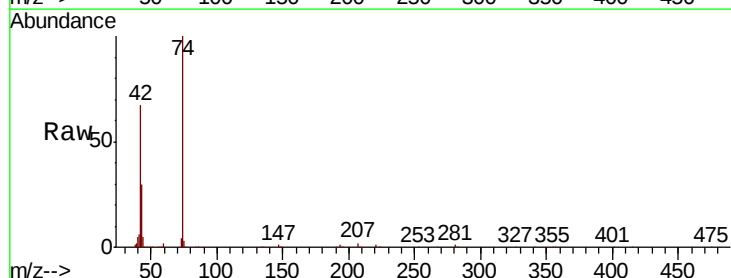
Tgt Ion: 42 Resp: 356763

Ion Ratio Lower Upper

42 100

74 148.3 116.6 175.0

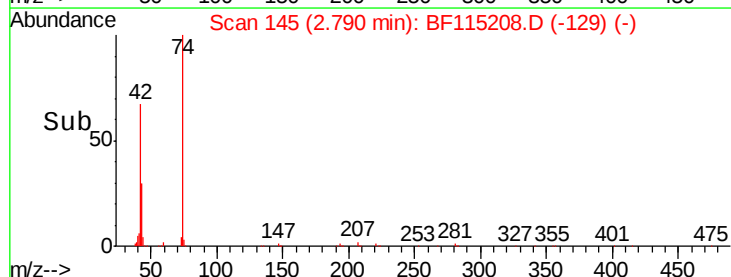
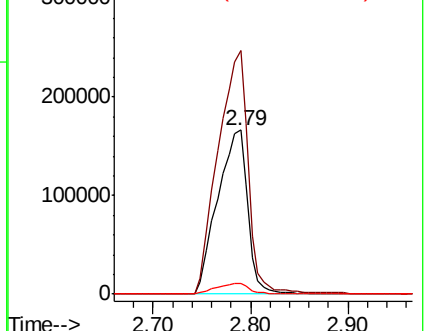
44 6.8 5.3 7.9

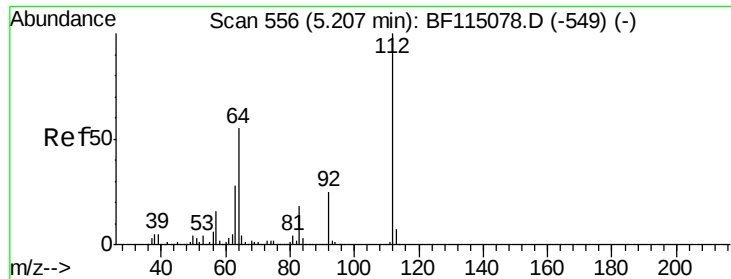


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.460 ng

RT: 5.21 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

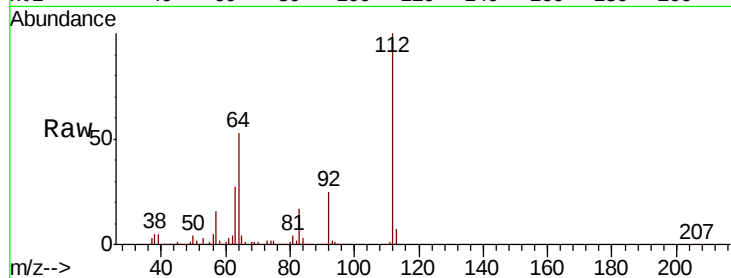
Tot Ion:112 Resp: 1409150

Ion Ratio Lower Upper

112 100

64 52.8 43.8 65.6

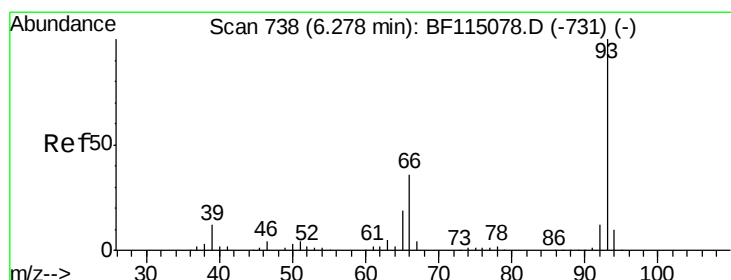
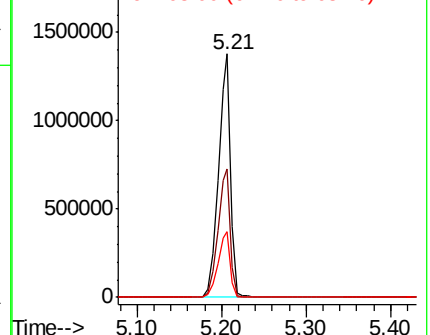
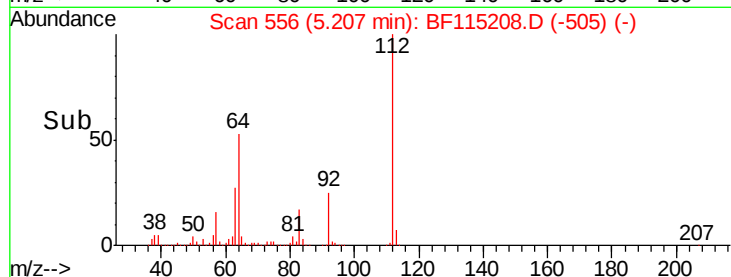
63 27.0 22.2 33.4



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: 38.179 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

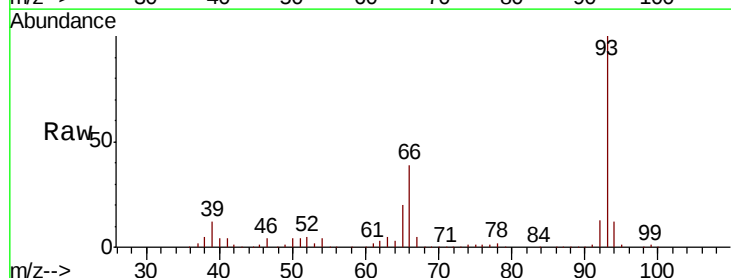
Tgt Ion: 93 Resp: 1173766

Ion Ratio Lower Upper

93 100

66 38.7 30.0 45.0

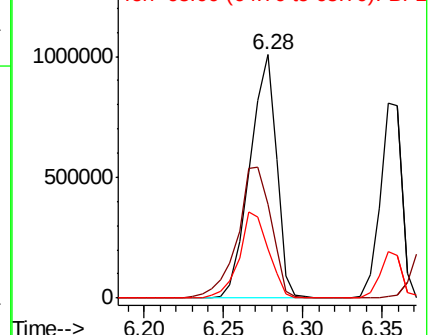
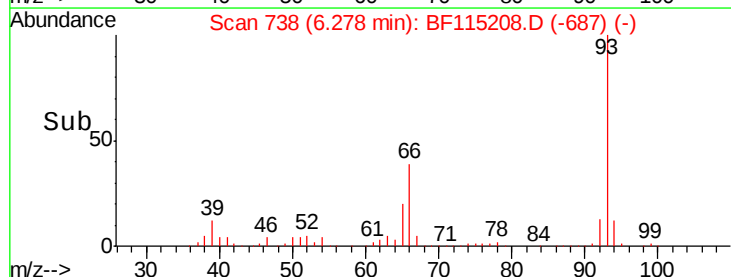
65 19.9 15.6 23.4

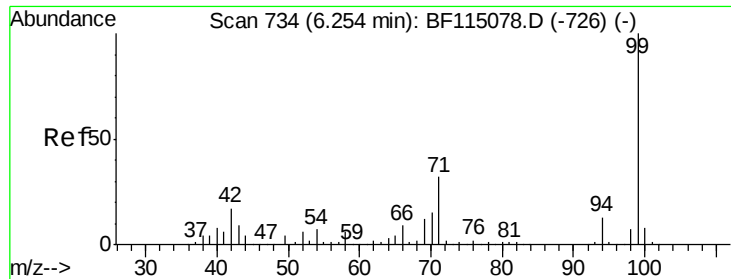


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.482 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

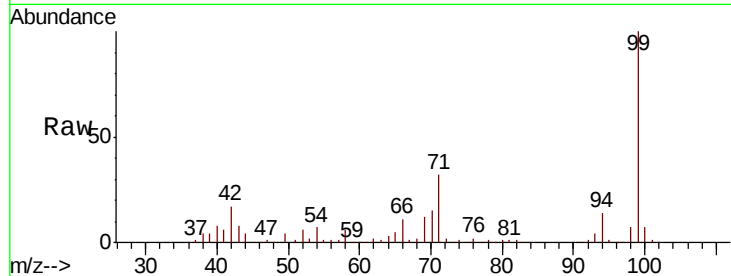
Tot Ion: 99 Resp: 1733231

Ion Ratio Lower Upper

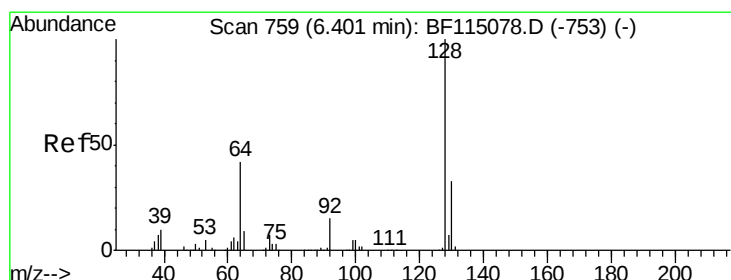
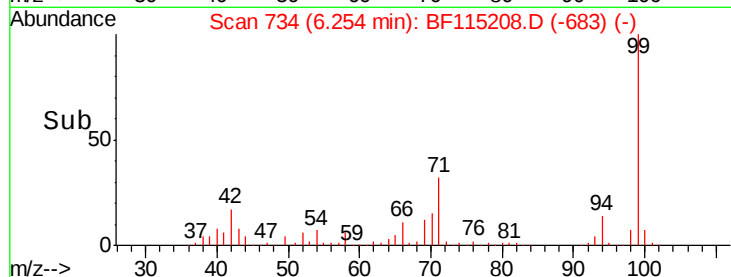
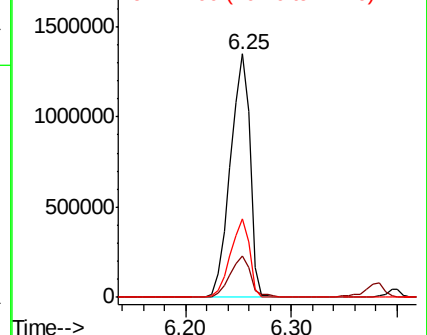
99 100

42 16.9 13.6 20.4

71 32.0 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: 40.019 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

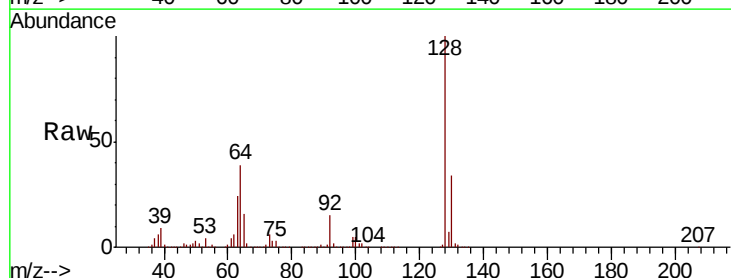
Tgt Ion: 128 Resp: 829340

Ion Ratio Lower Upper

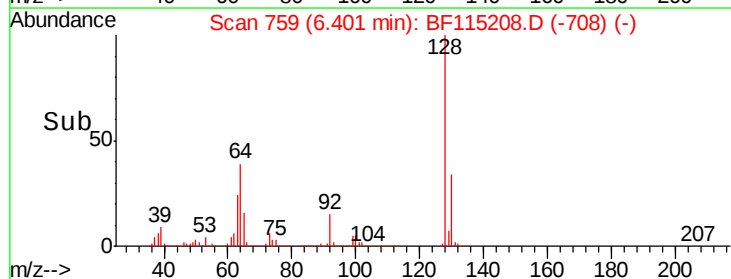
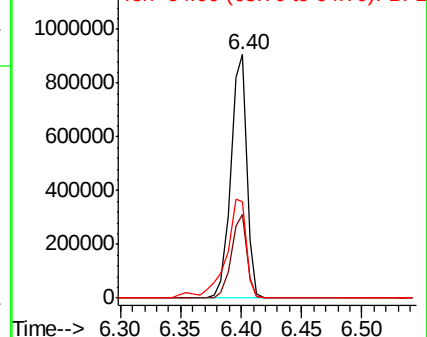
128 100

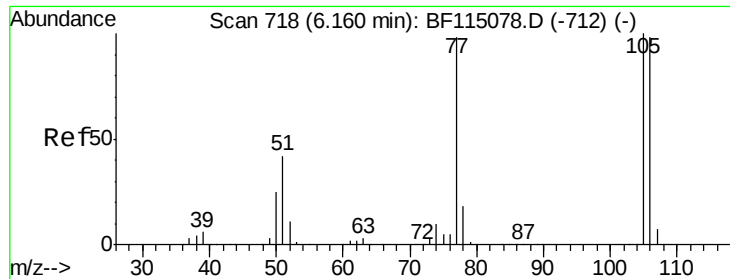
130 34.1 12.9 52.9

64 39.4 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: 37.689 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

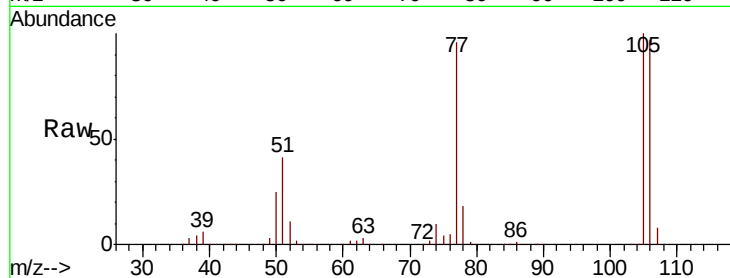
Tot Ion: 77 Resp: 550039

Ion Ratio Lower Upper

77 100

105 103.7 81.5 121.5

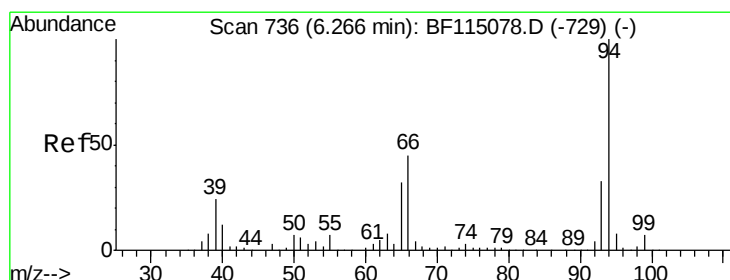
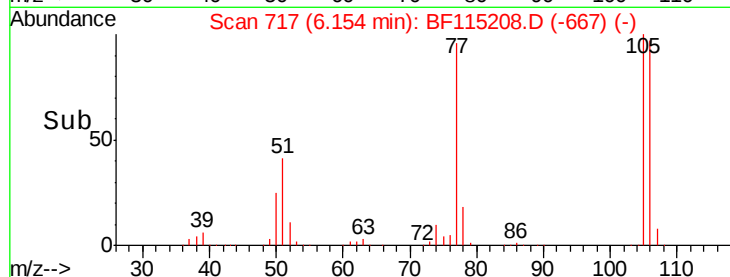
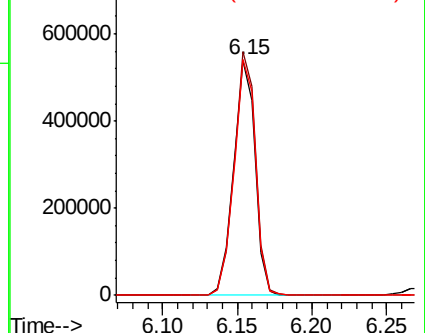
106 100.4 79.7 119.7



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: 37.877 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

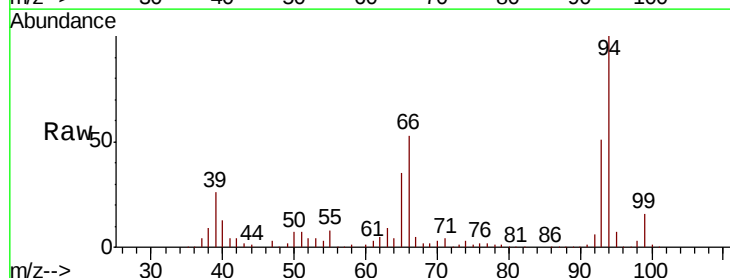
Tgt Ion: 94 Resp: 992477

Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

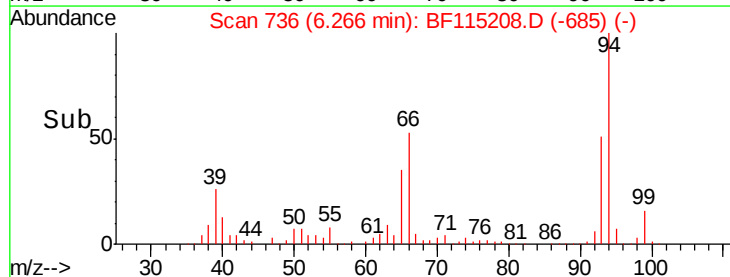
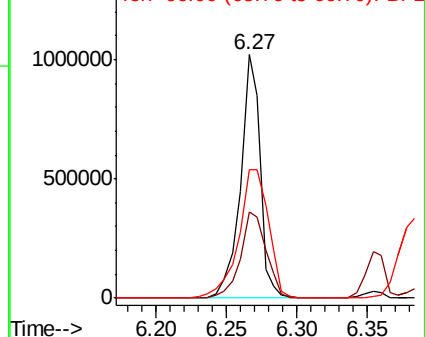
66 52.5 25.2 65.2

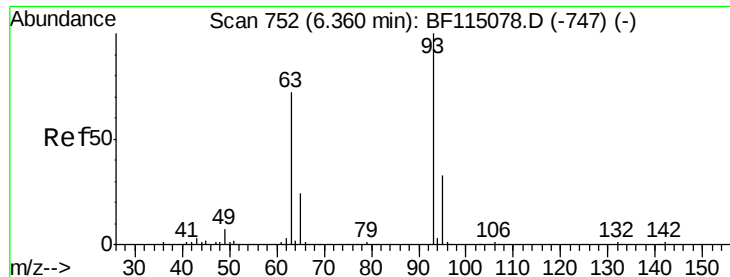


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

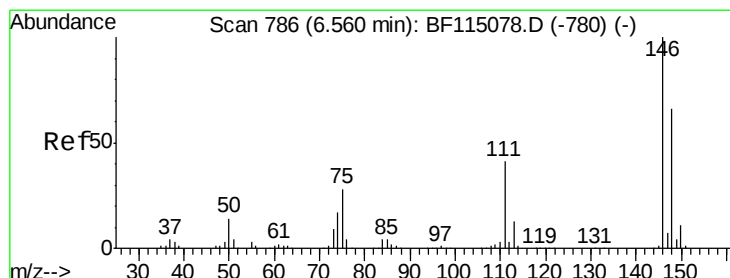
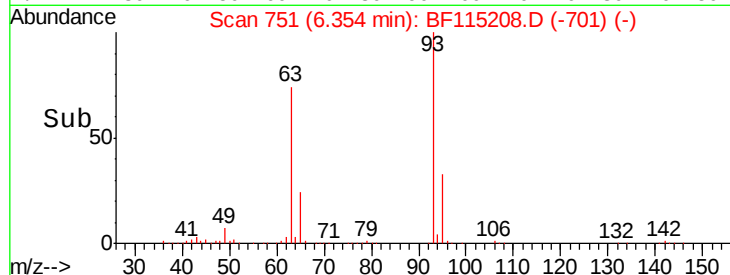
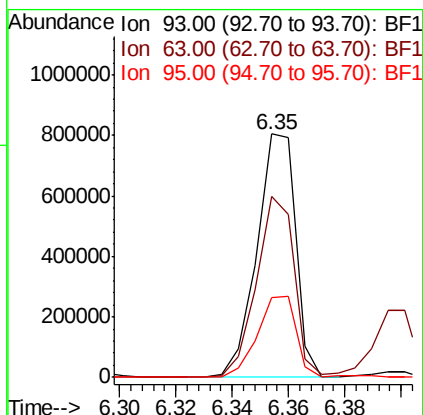
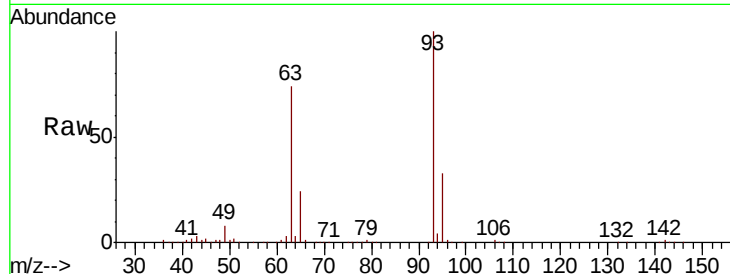




#11
bis(2-Chloroethyl)ether
Concen: 39.622 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

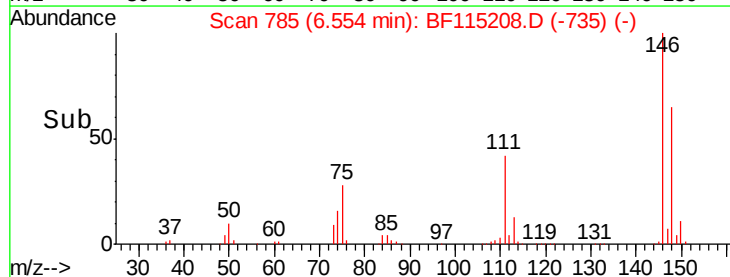
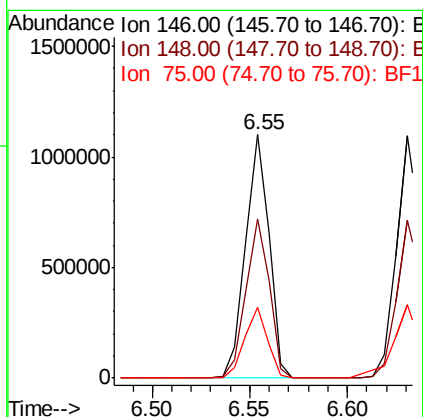
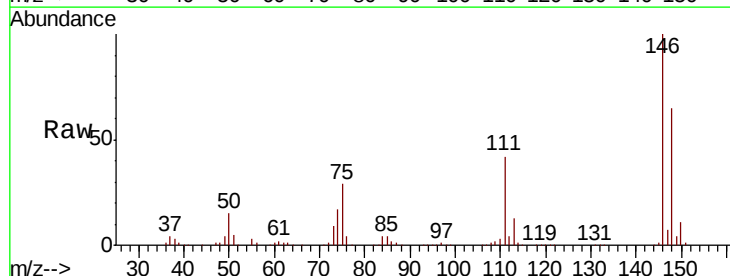
Instrument :
BNA_F
ClientSampleId :

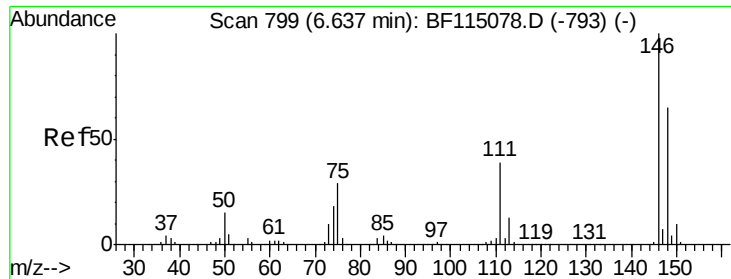
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.5	91.5
95	33.0	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 40.023 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
75	29.0	22.6	34.0

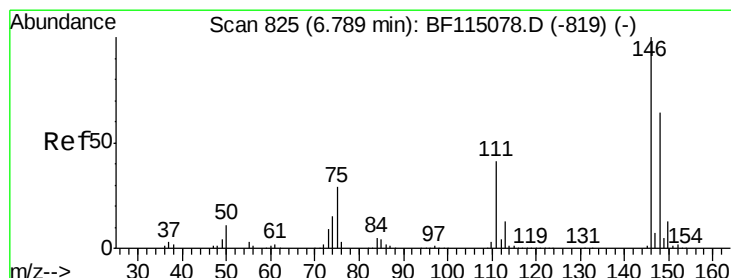
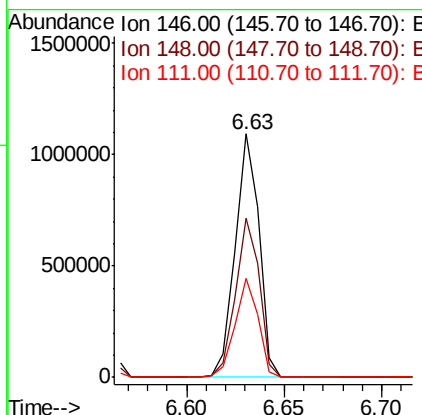
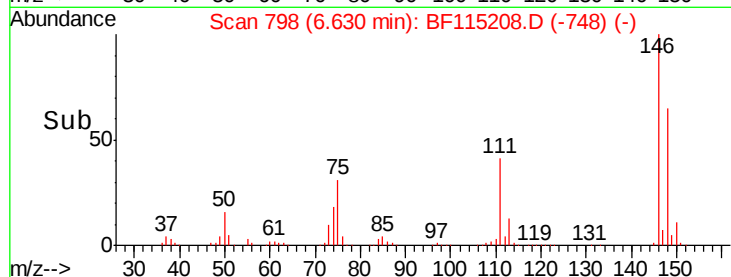
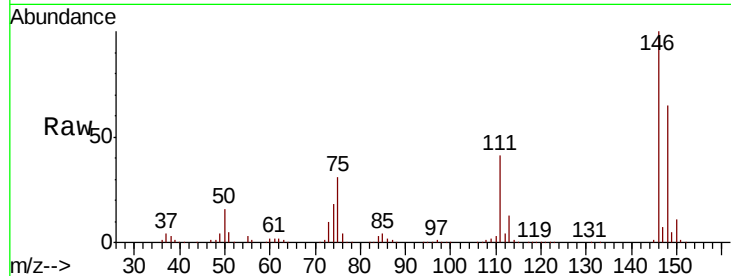




#13
 1,4-Dichlorobenzene
 Concen: 40.085 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

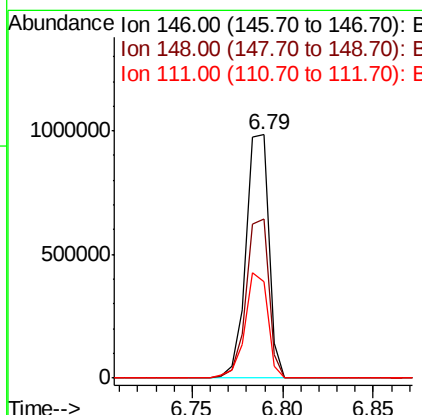
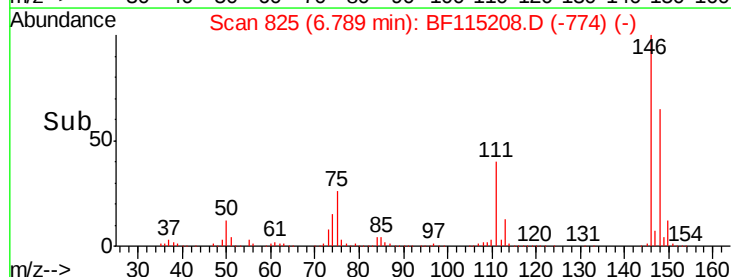
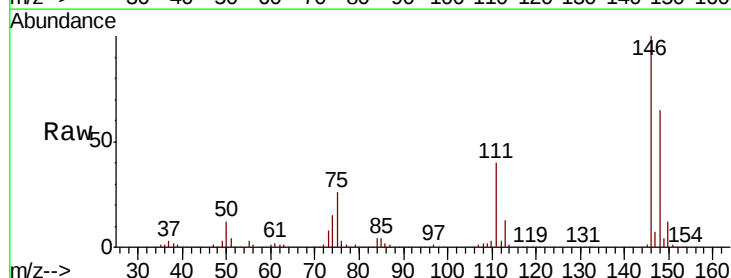
Instrument :
 BNA_F
 ClientSampled :

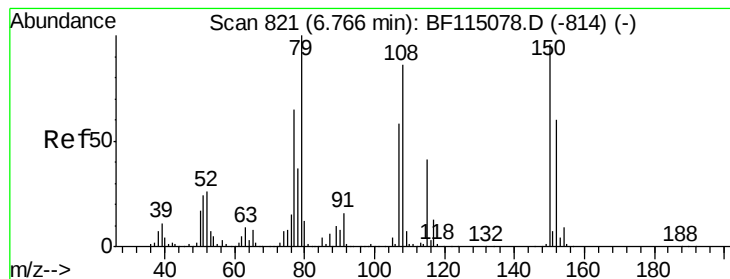
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	40.9	31.4	47.0



#14
 1,2-Dichlorobenzene
 Concen: 40.255 ng
 RT: 6.79 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	39.6	33.2	49.8





#15

Benzyl Alcohol

Concen: 37.693 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

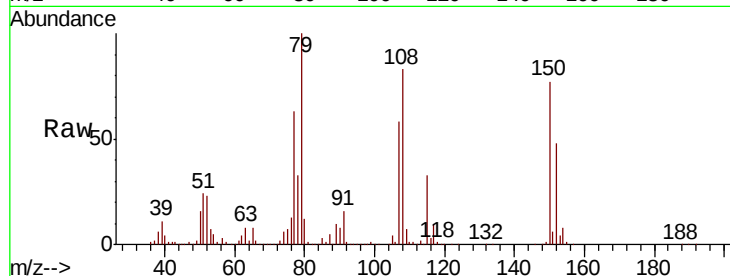
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 613977

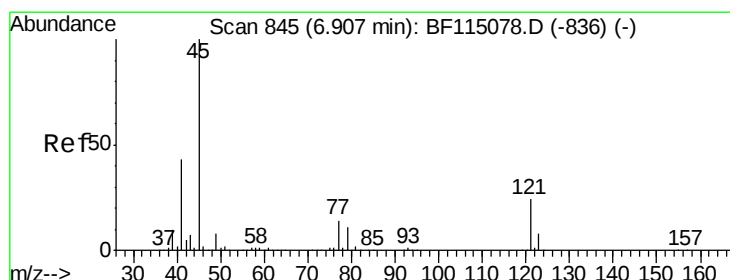
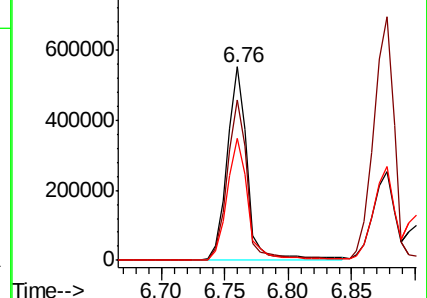
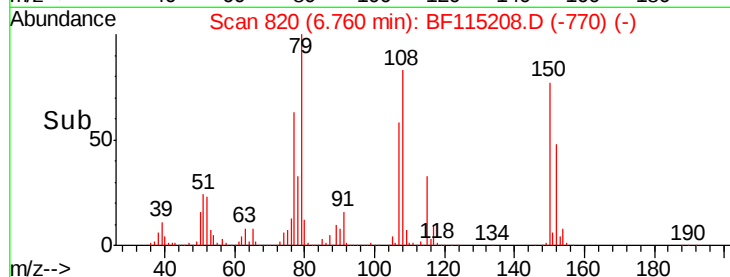
Ion	Ratio	Lower	Upper
79	100		
108	83.2	68.7	103.1
77	63.2	51.7	77.5



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: 39.491 ng

RT: 6.90 min Scan# 844

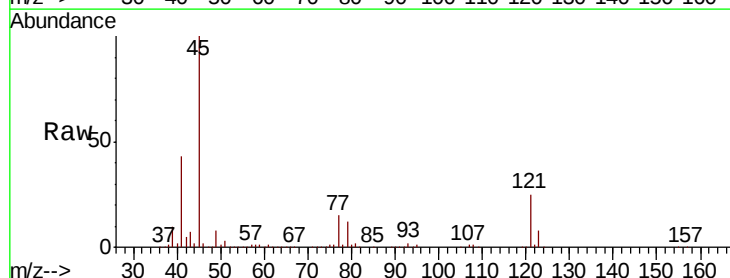
Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Tgt Ion: 45 Resp: 1106310

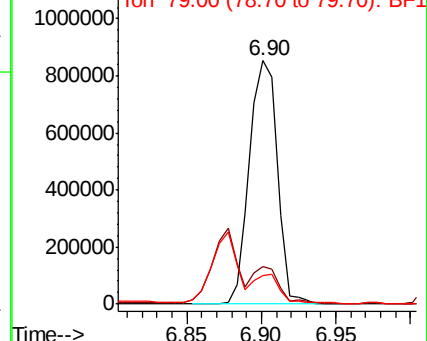
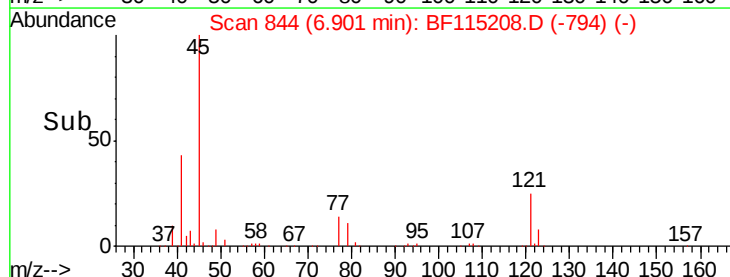
Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.6
79	11.8	0.0	31.2

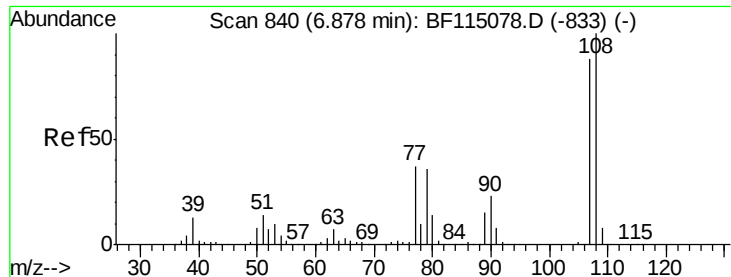


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

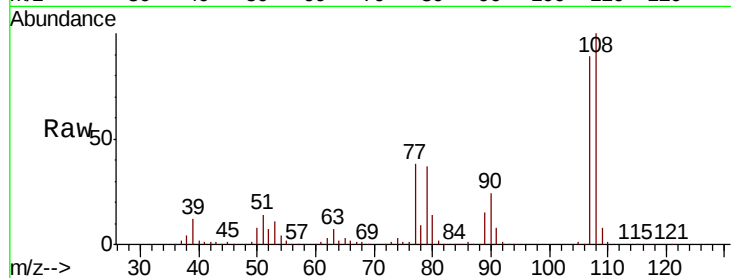




#17
2-Methylphenol
Concen: 38.916 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	43.1	33.4	50.2
79	41.1	32.3	48.5



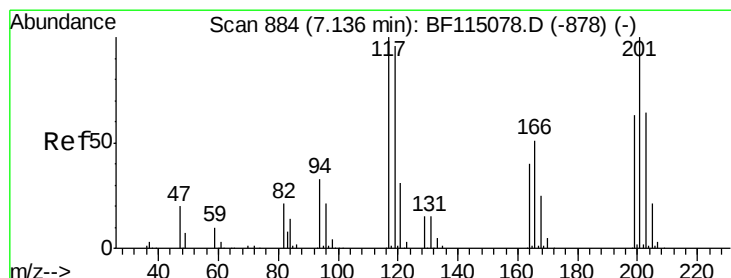
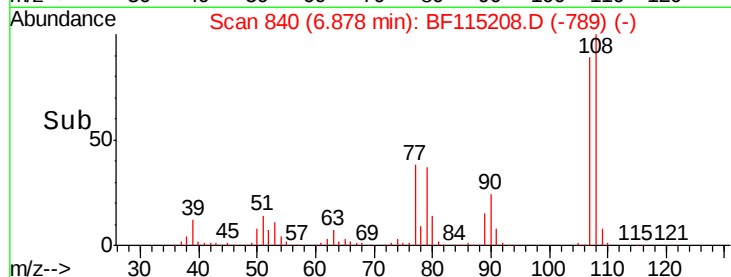
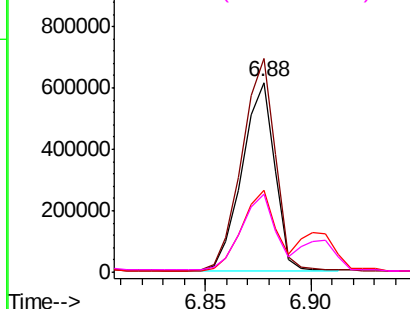
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

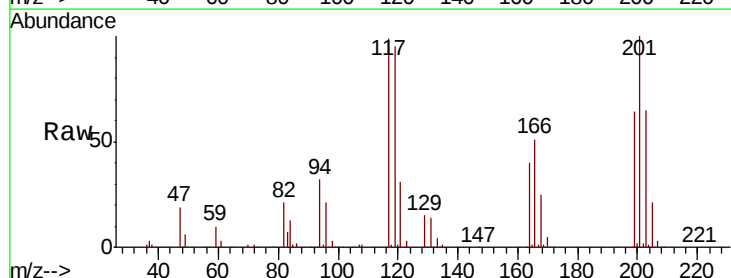
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.675 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	101.5	80.2	120.2

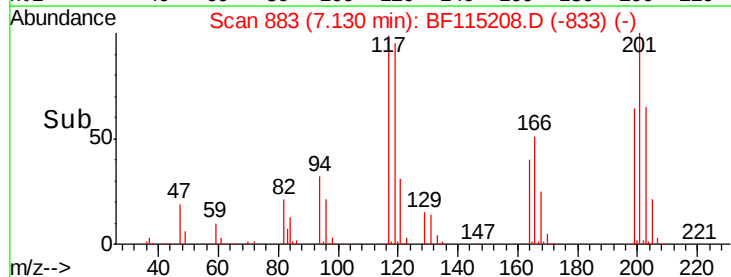
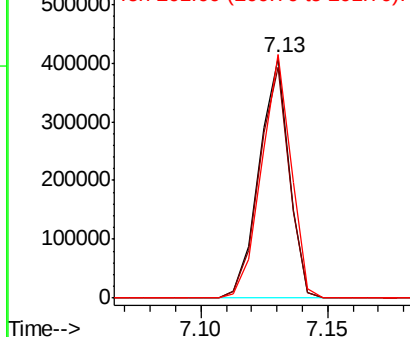


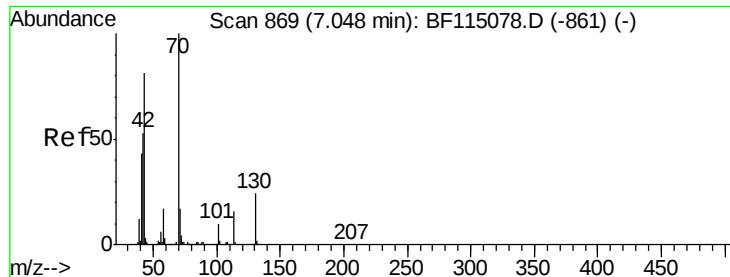
Abundance

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

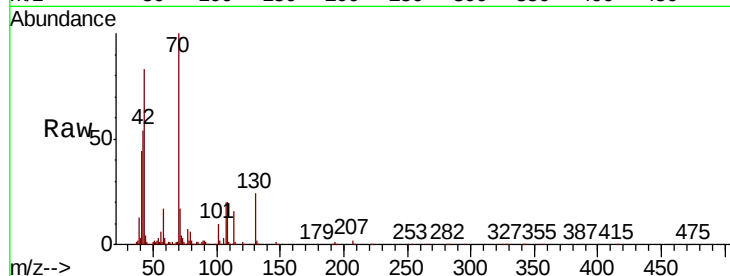




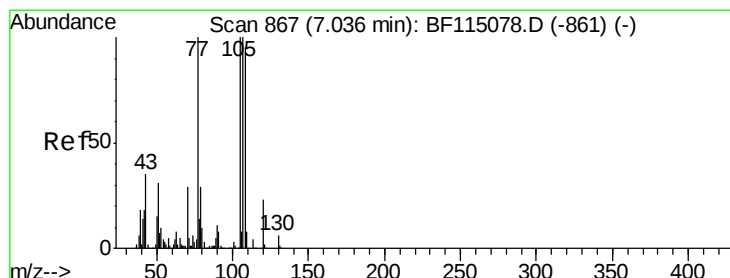
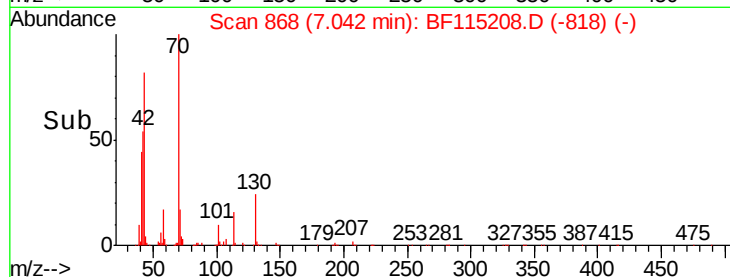
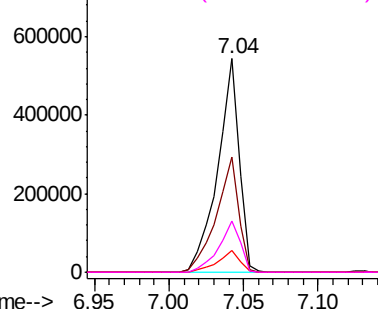
#19
n-Nitroso-di-n-propylamine
Concen: 38.022 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	544529
Ion	Ratio	Lower	Upper
70	100		
42	53.9	42.6	63.8
101	10.0	8.0	12.0
130	24.0	19.4	29.0

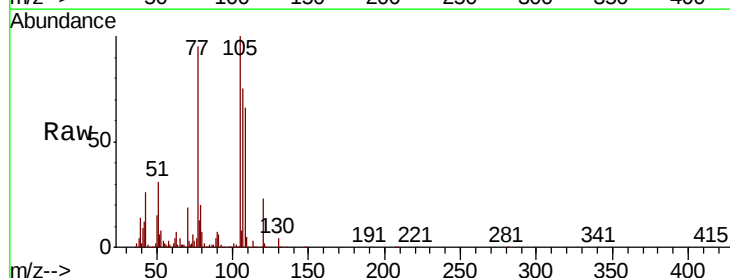


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

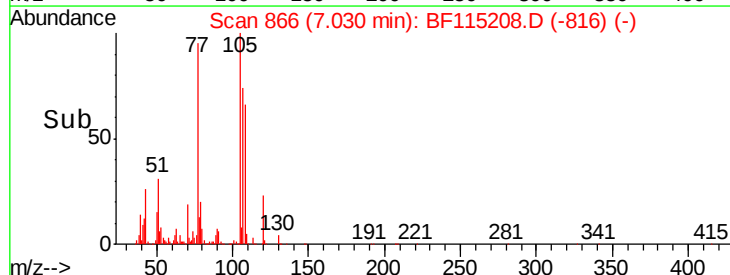
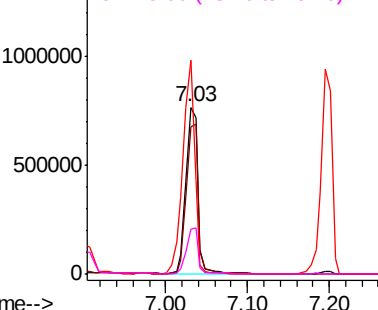


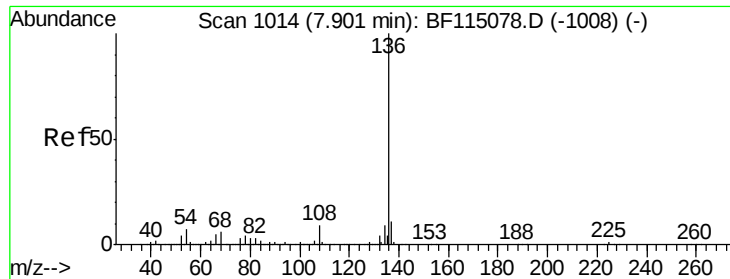
#20
3+4-Methylphenols
Concen: 39.112 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:	107	Resp:	772535
Ion	Ratio	Lower	Upper
107	100		
108	88.2	75.5	115.5
77	127.9	80.2	120.2#
79	27.1	9.5	49.5



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

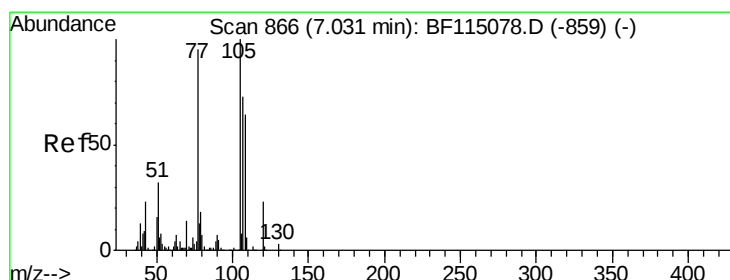
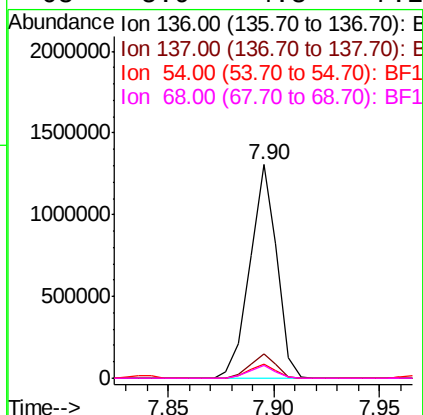
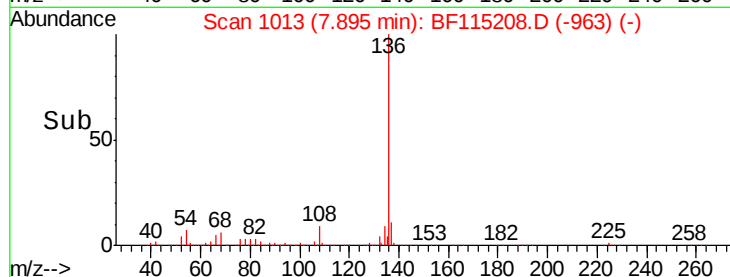
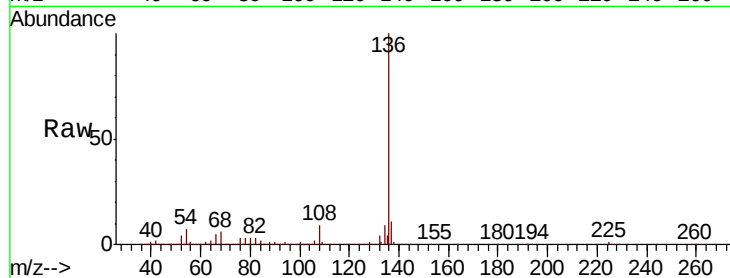




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

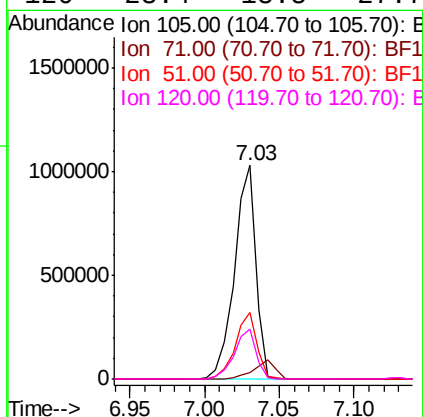
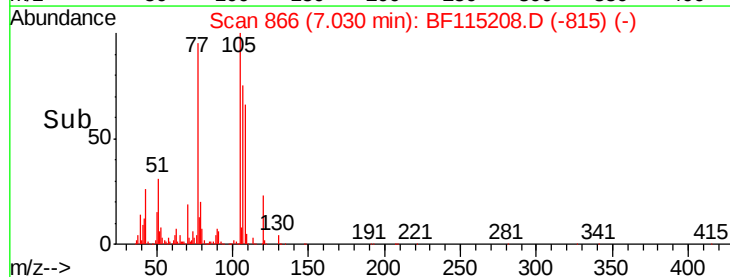
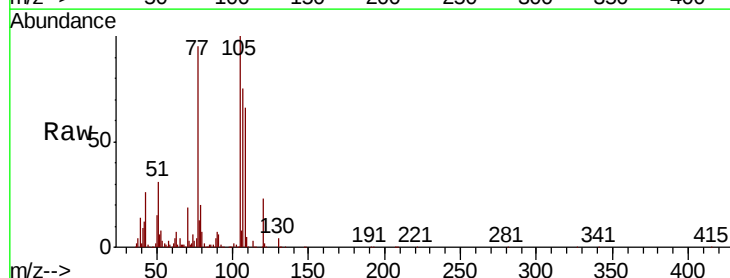
Instrument :
BNA_F
ClientSampleId :

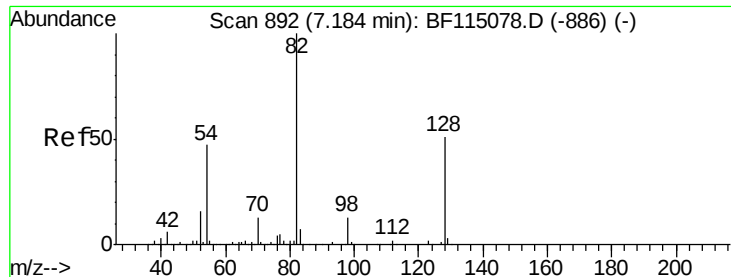
Tot Ion:136	Resp: 1152799
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 6.9	5.6 8.4
68 5.9	4.8 7.2



#22
Acetophenone
Concen: 39.212 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt	Ion:105	Resp:	1034869
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	31.4	25.8	38.8
120	23.4	18.5	27.7

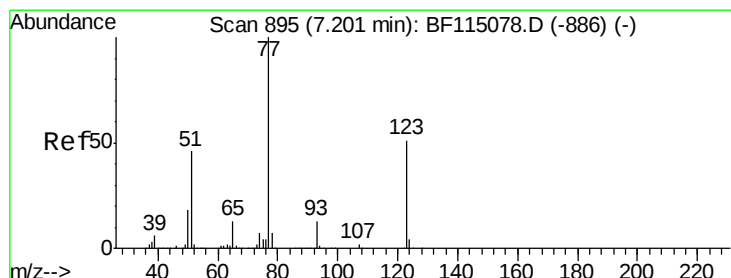
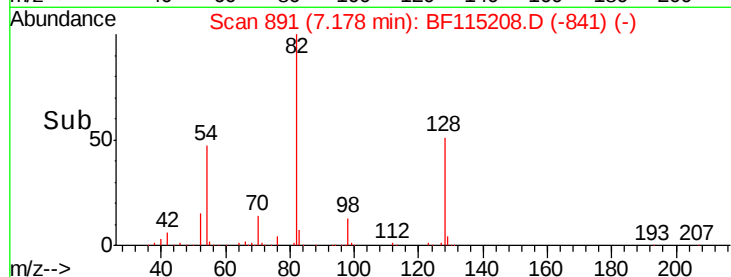
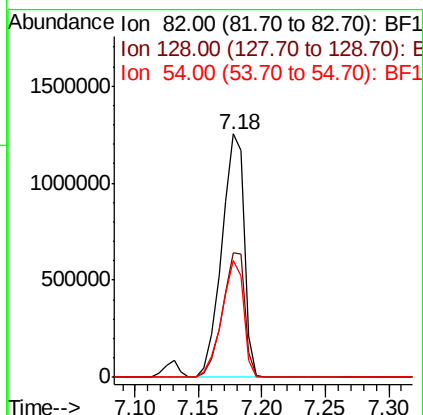
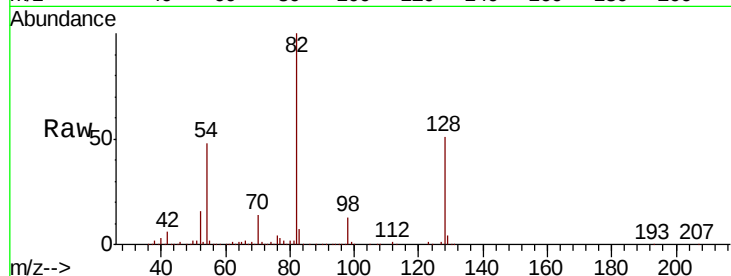




#23
 Nitrobenzene-d5
 Concen: 81.813 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

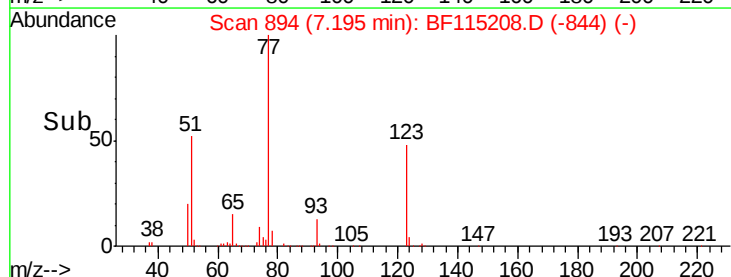
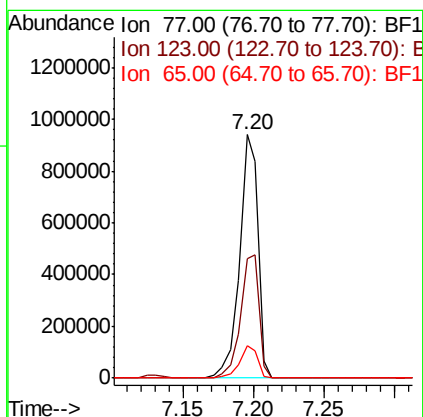
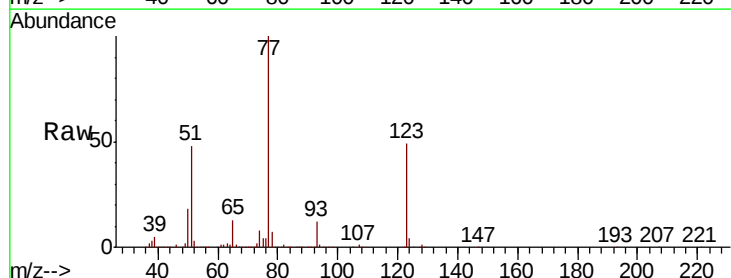
Instrument :
 BNA_F
 ClientSampleId :

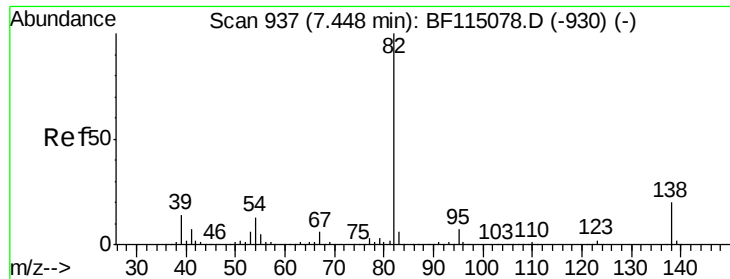
Tot Ion: 82 Resp: 1533181
 Ion Ratio Lower Upper
 82 100
 128 51.2 40.4 60.6
 54 47.8 37.5 56.3



#24
 Nitrobenzene
 Concen: 40.858 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion: 77 Resp: 843529
 Ion Ratio Lower Upper
 77 100
 123 48.8 41.0 61.6
 65 13.4 10.5 15.7





#25

Isophorone

Concen: 39.408 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

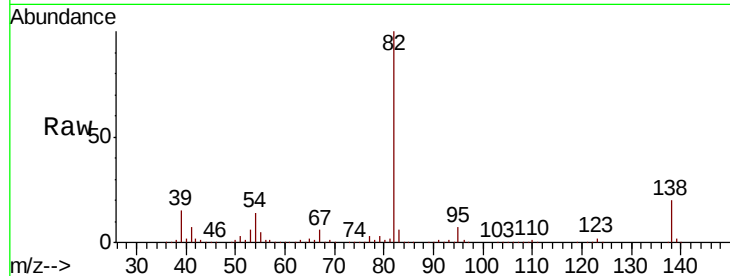
Tot Ion: 82 Resp: 1512848

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

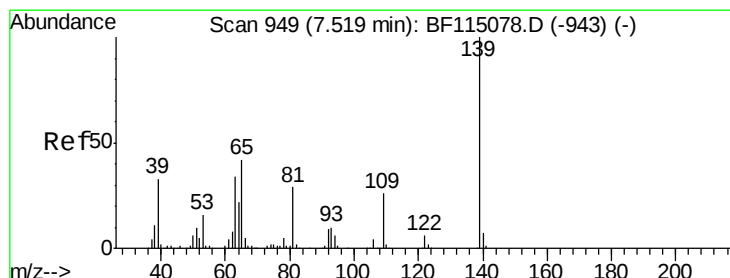
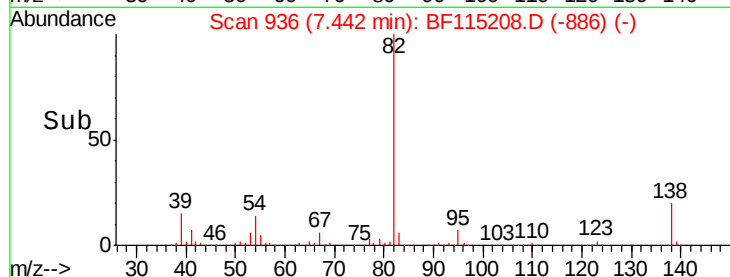
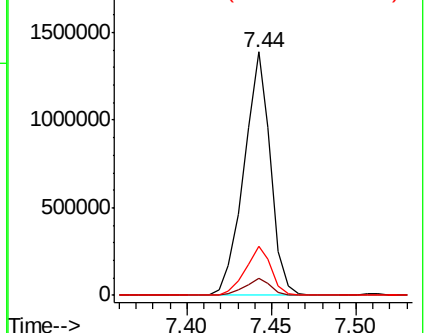
138 20.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.814 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

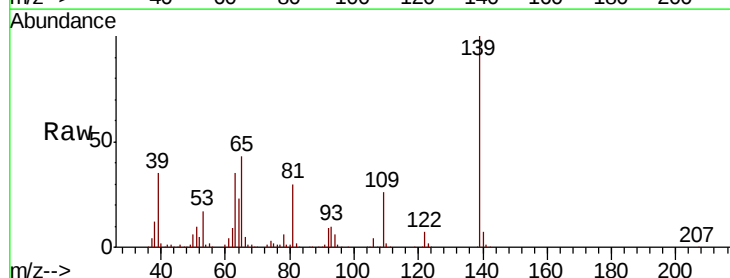
Tgt Ion: 139 Resp: 467098

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

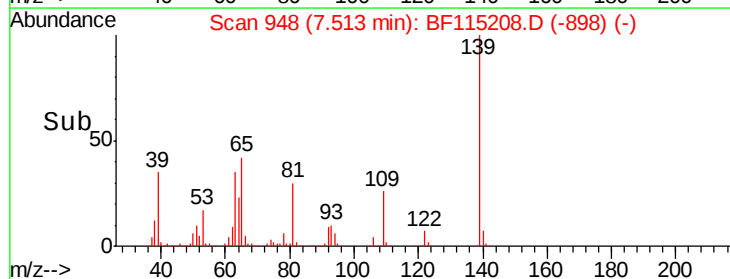
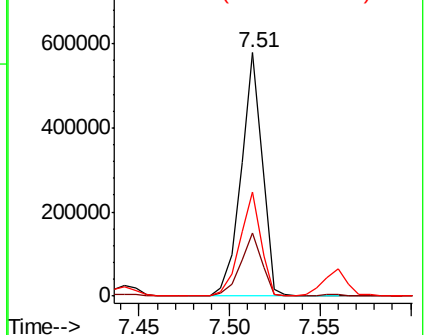
65 42.5 33.6 50.4

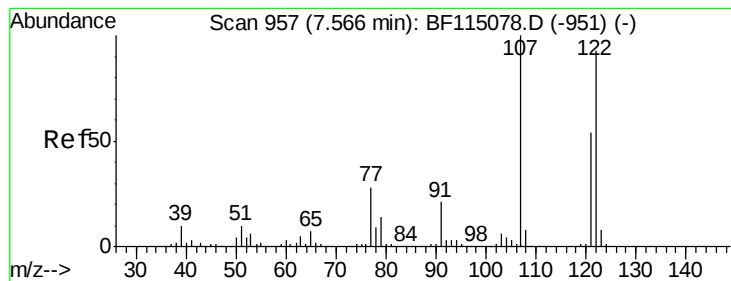


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

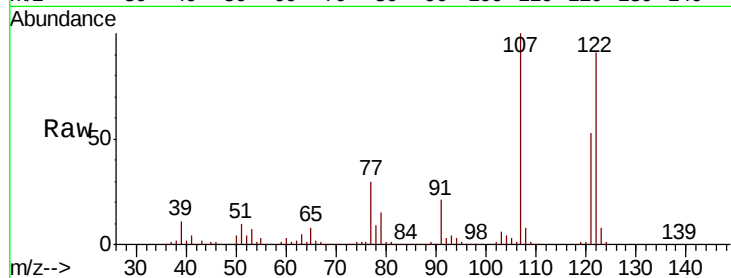




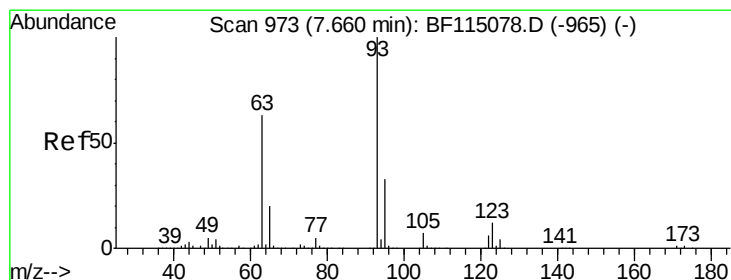
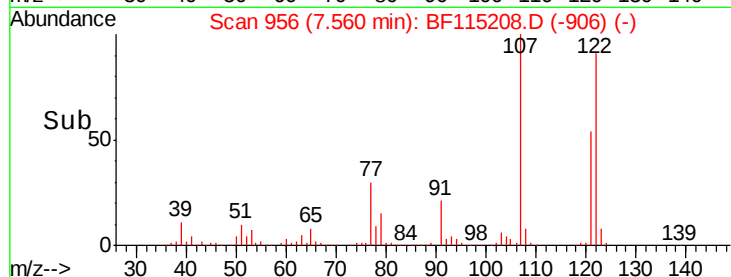
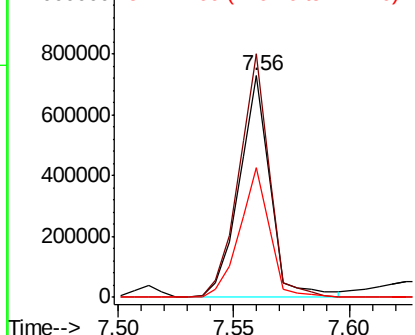
#27
 2,4-Dimethylphenol
 Concen: 41.086 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	85.8	128.6
121	58.7	46.3	69.5

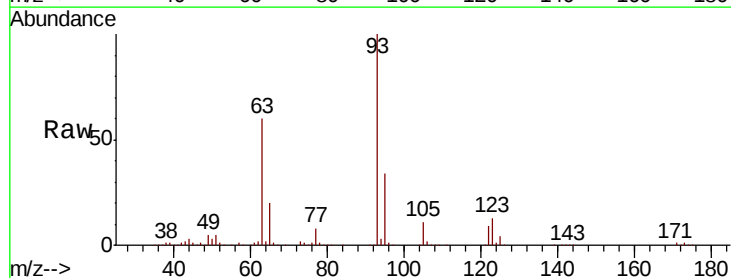


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

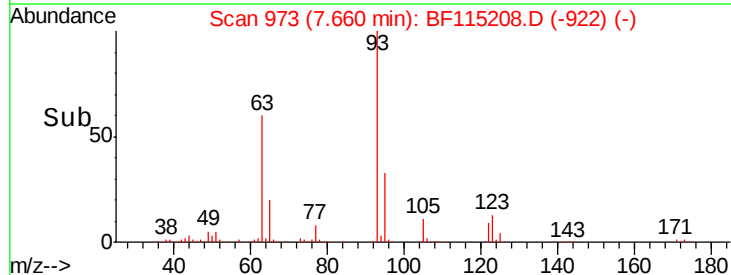
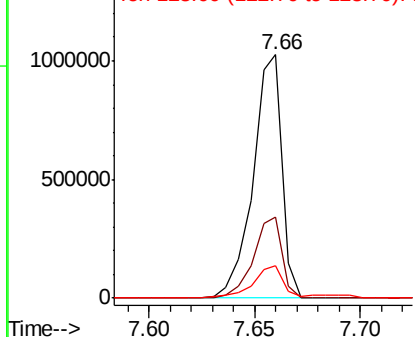


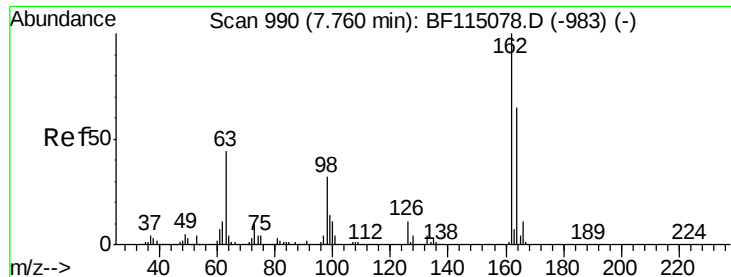
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.291 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	13.4	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

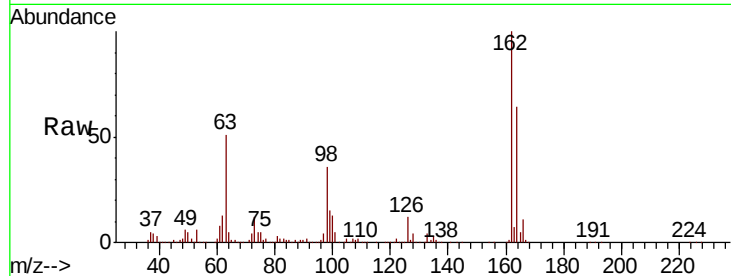




#29
2,4-Dichlorophenol
Concen: 41.144 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.3	85.3
98	36.0	12.5	52.5

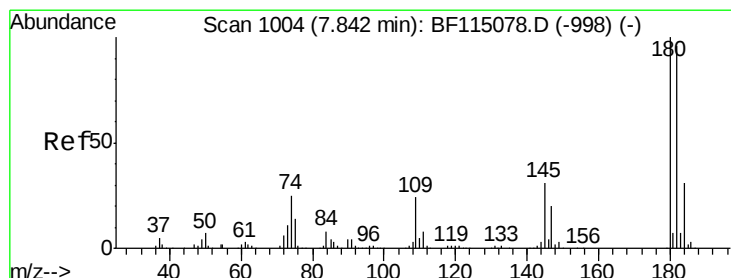
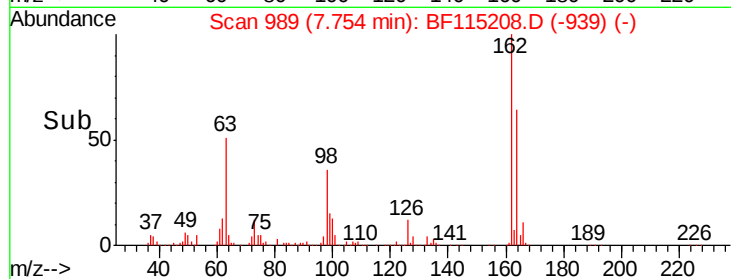
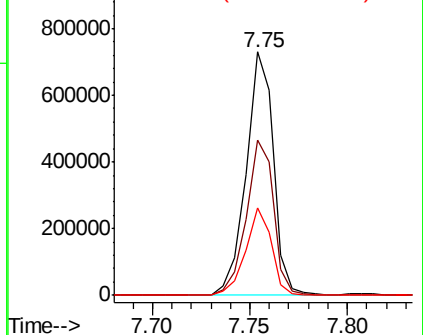


Abundance

Ion 162.00 (161.70 to 162.70): E

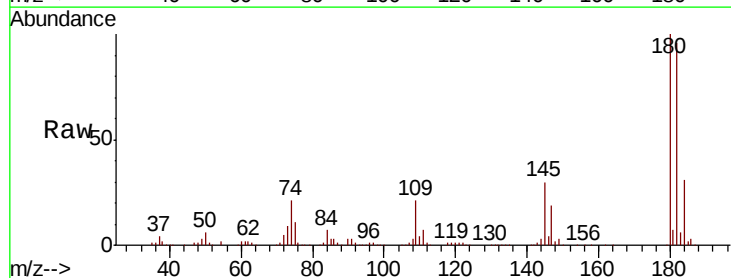
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.753 ng
RT: 7.84 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.6	24.8	37.2

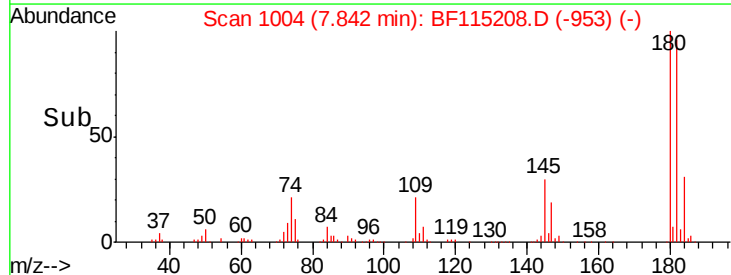
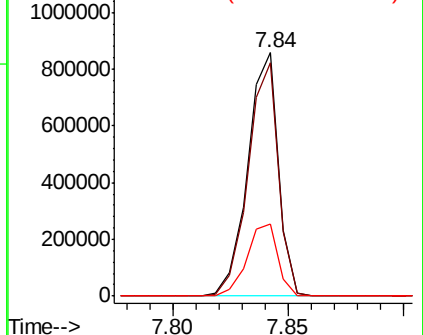


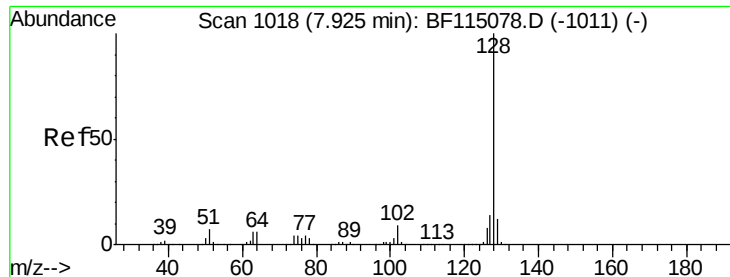
Abundance

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

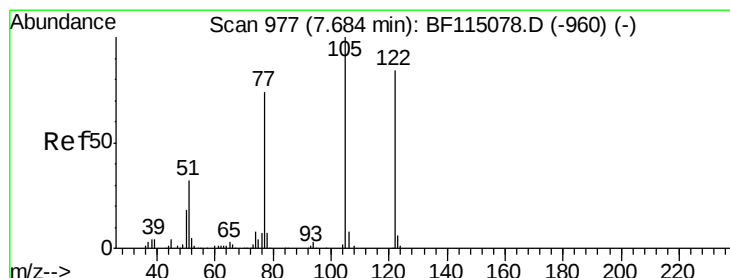
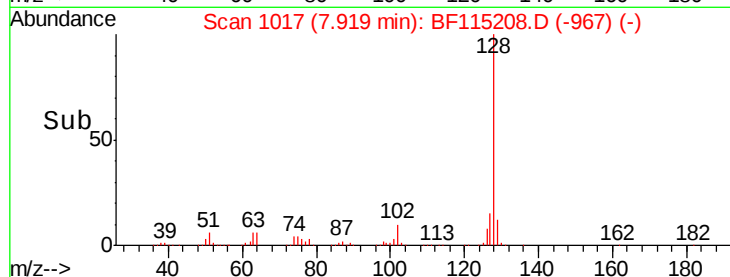
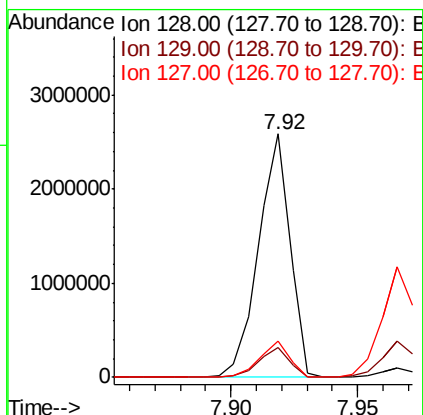
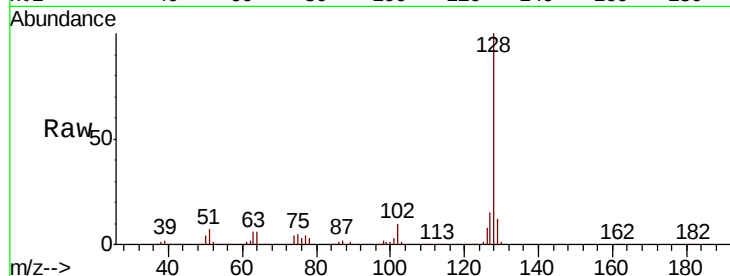




#31
Naphthalene
Concen: 39.881 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

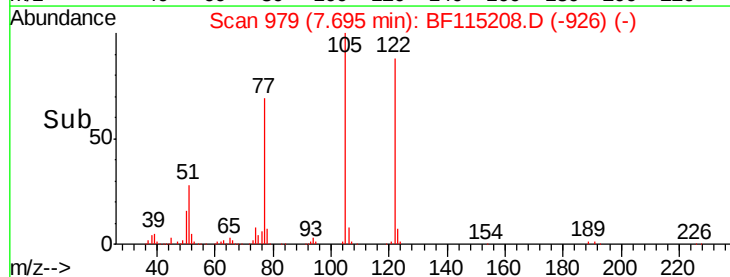
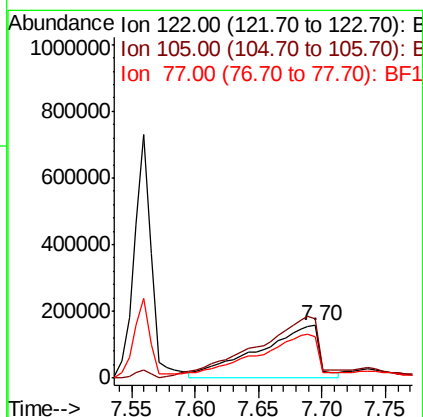
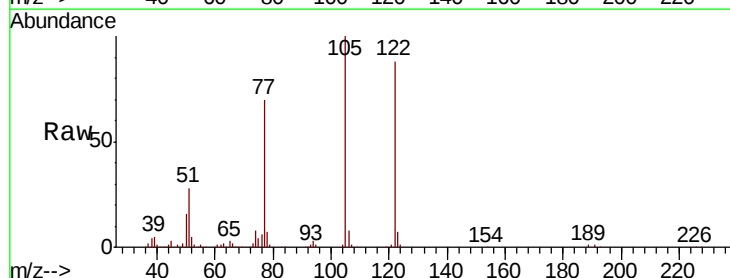
Instrument :
BNA_F
ClientSampleId :

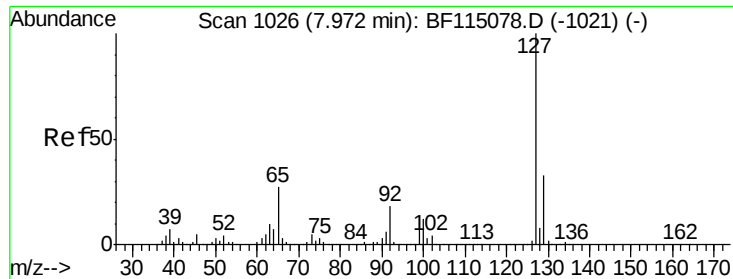
Tot Ion:128 Resp: 2256797
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 44.439 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:122 Resp: 529523
Ion Ratio Lower Upper
122 100
105 113.6 98.2 138.2
77 79.0 67.0 107.0

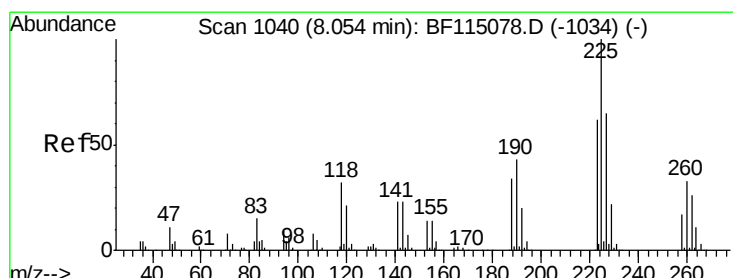
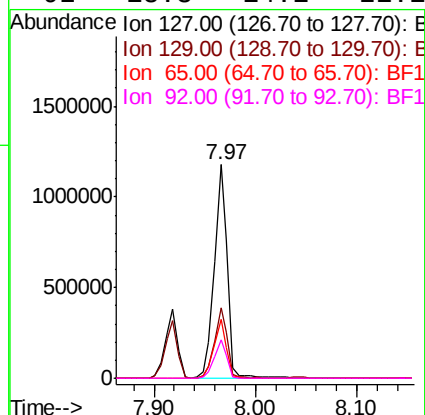
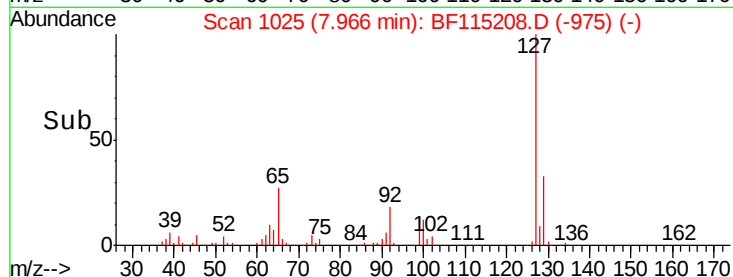
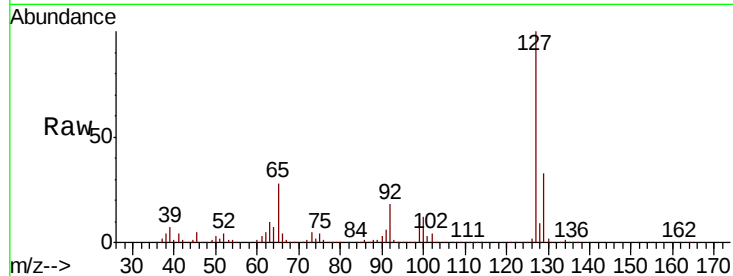




#33
4-Chloroaniline
Concen: 40.501 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

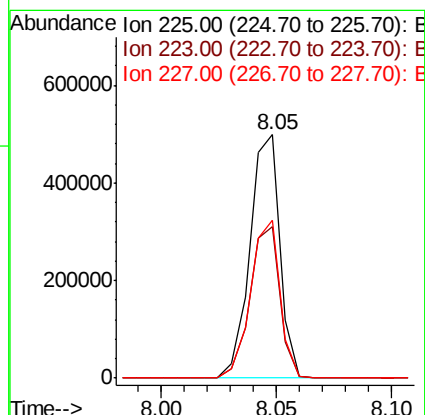
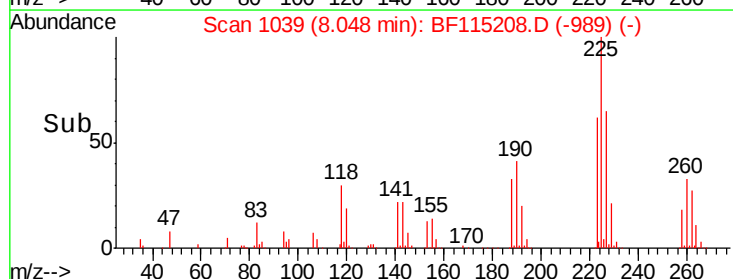
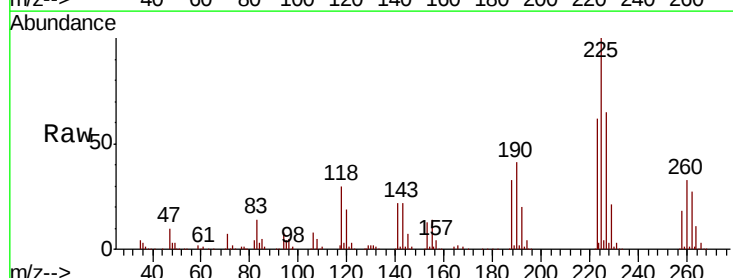
Instrument :
BNA_F
ClientSampleId :

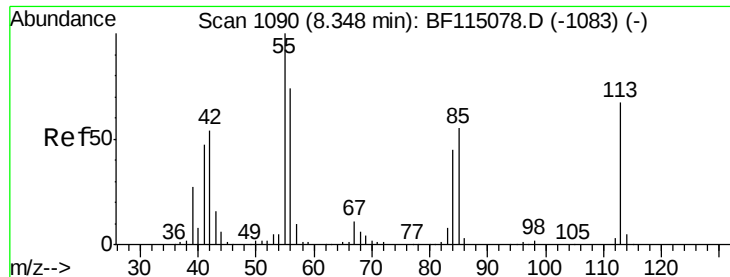
Tot Ion:127 Resp: 1047425
Ion Ratio Lower Upper
127 100
129 32.9 26.1 39.1
65 27.8 21.4 32.2
92 18.3 14.1 21.1



#34
Hexachlorobutadiene
Concen: 43.391 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:225 Resp: 452476
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.2
227 64.6 51.8 77.8

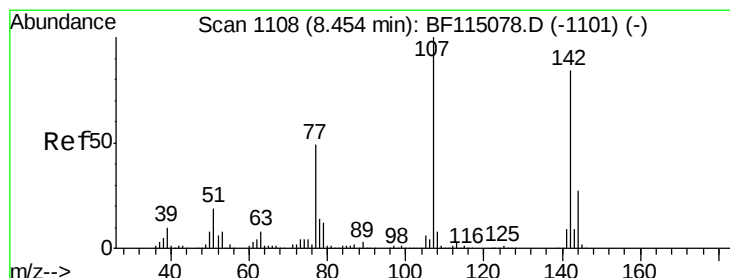
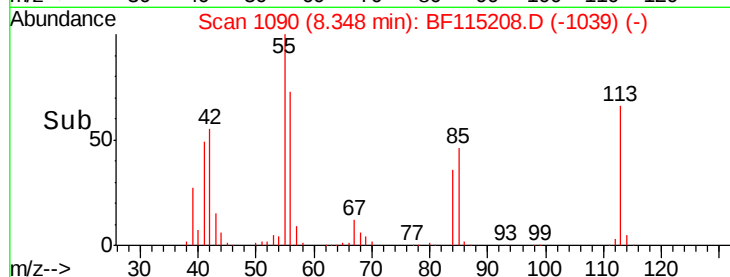
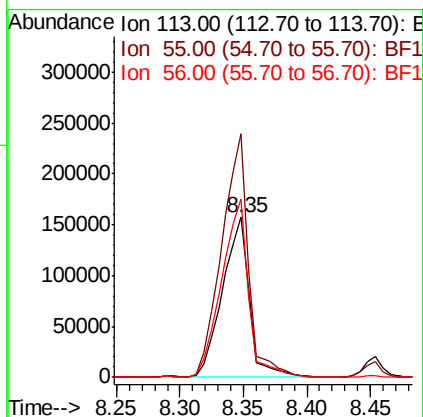
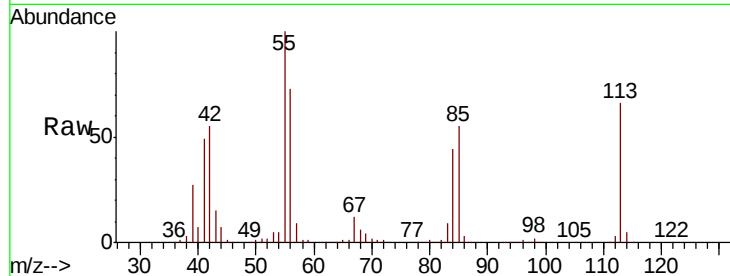




#35
 Caprolactam
 Concen: 39.907 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

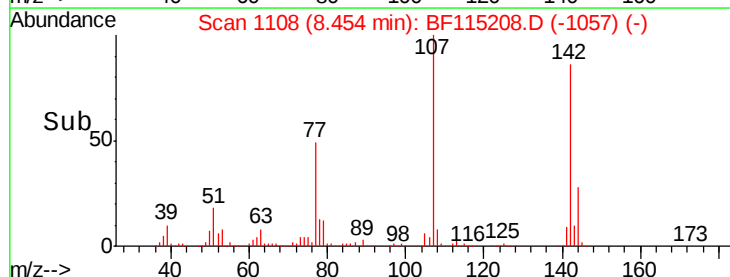
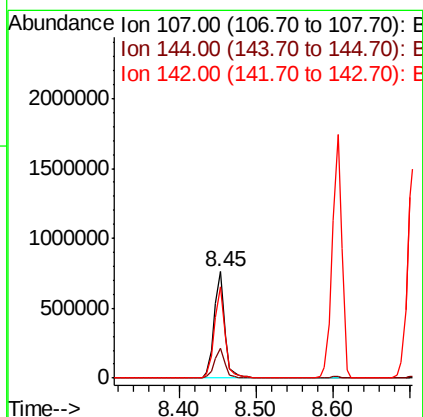
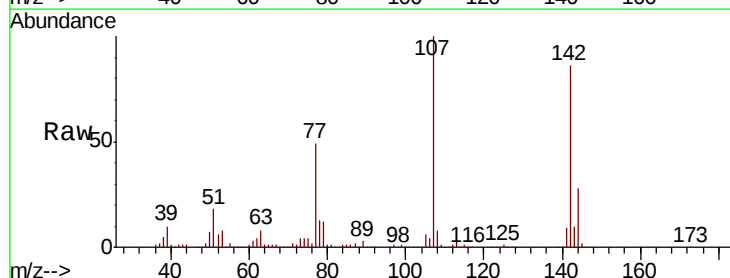
Instrument :
 BNA_F
 ClientSampleId :

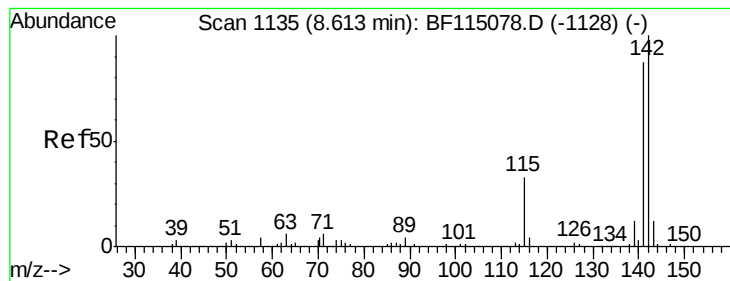
Tot Ion:113 Resp: 231140
 Ion Ratio Lower Upper
 113 100
 55 152.0 130.2 170.2
 56 111.3 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.936 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:107 Resp: 714184
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.7 32.5
 142 85.7 67.0 100.4





#37

2-Methylnaphthalene

Concen: 40.136 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

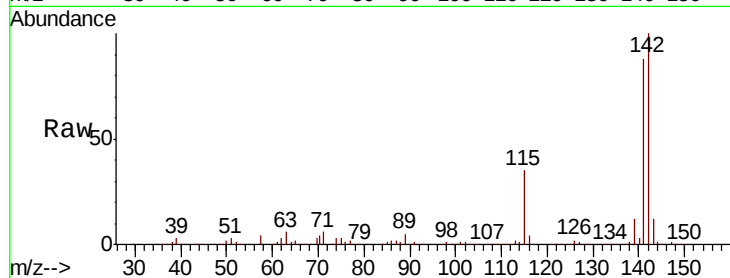
Tot Ion:142 Resp: 1531380

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.6

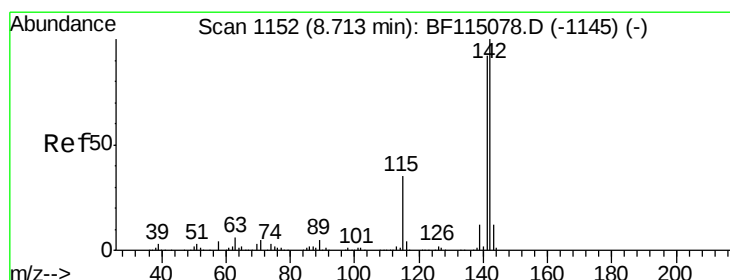
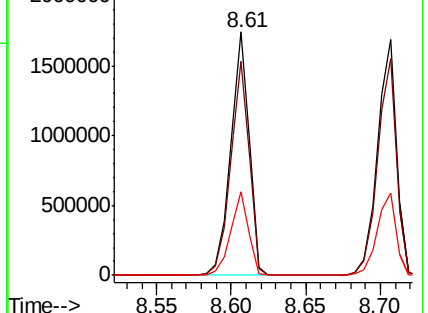
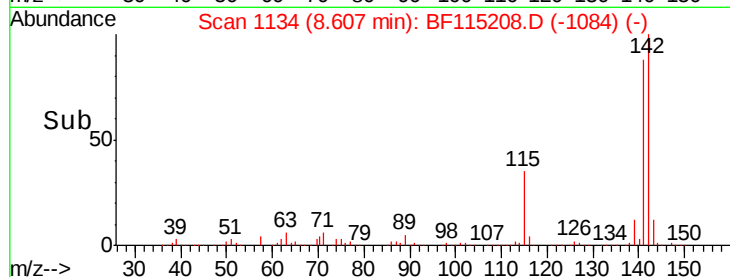
115 34.6 26.7 40.1



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: 40.098 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

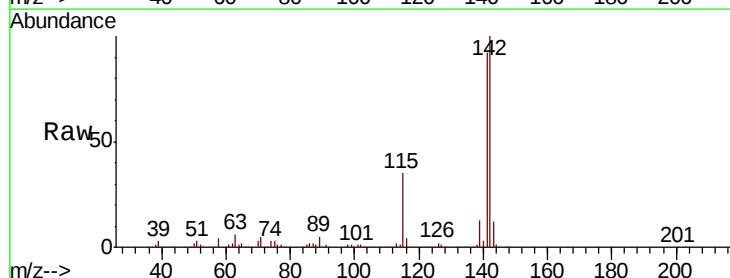
Tgt Ion:142 Resp: 1461166

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.8

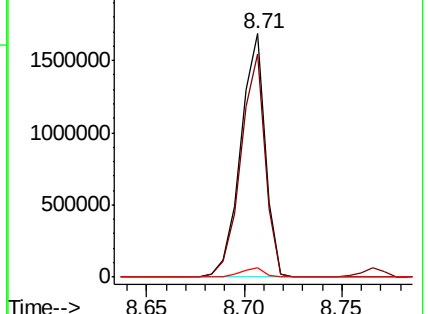
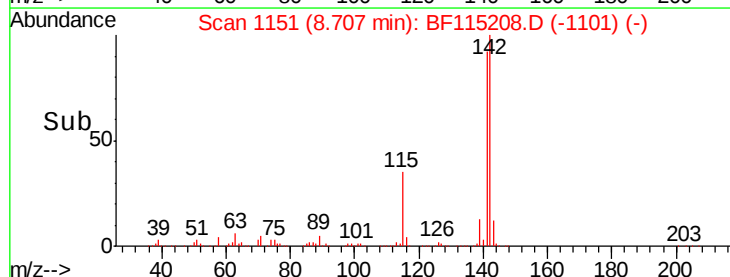
116 3.7 2.8 4.2

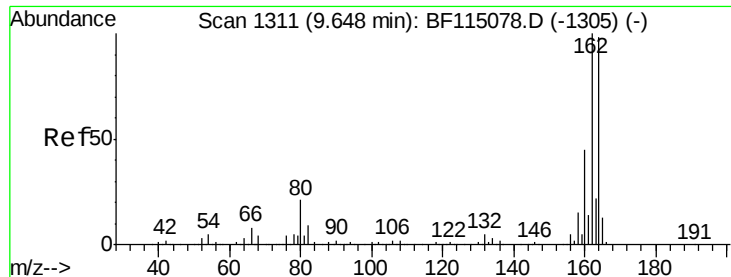


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

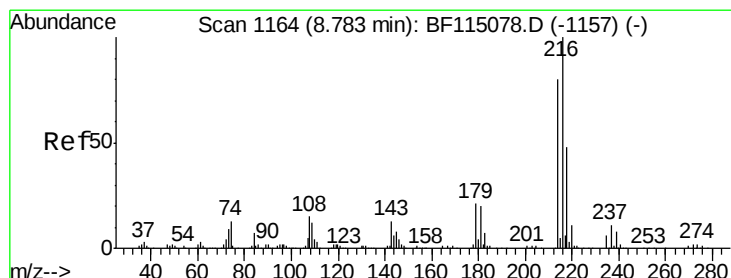
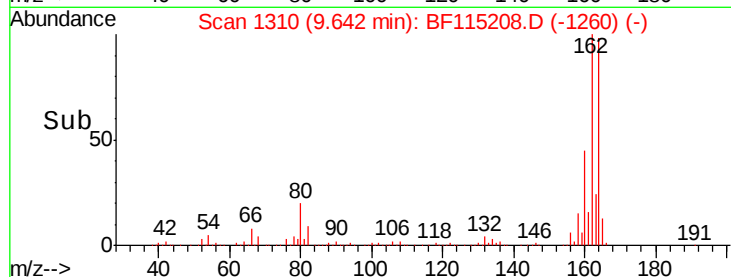
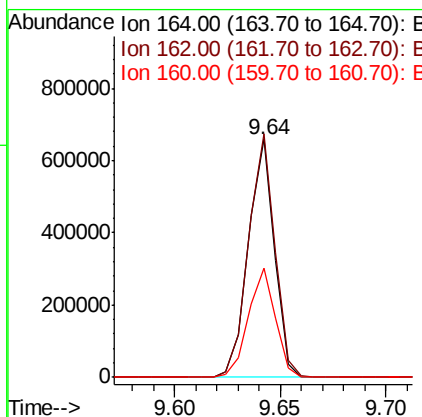
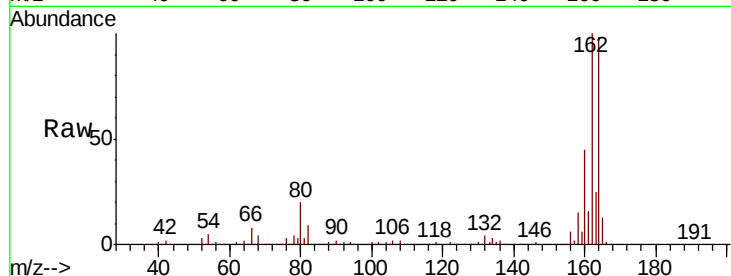




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

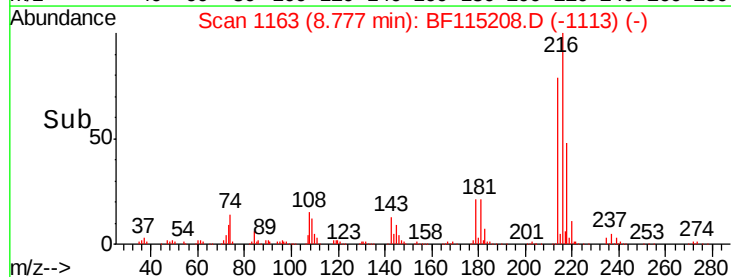
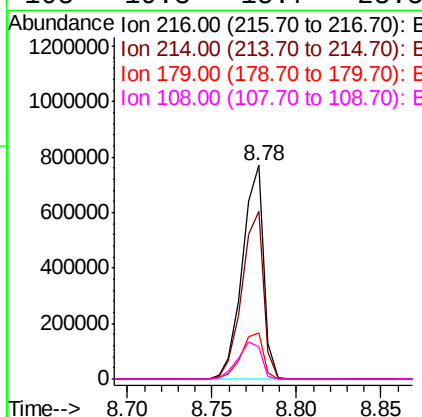
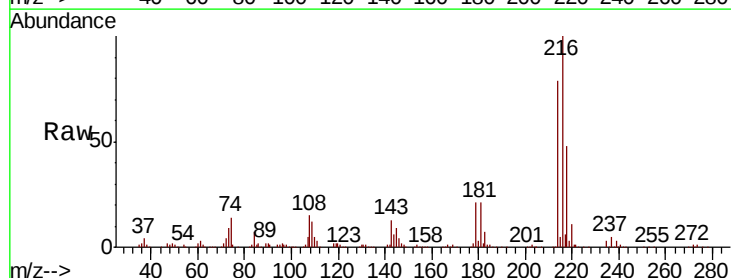
Instrument :
BNA_F
ClientSampleId :

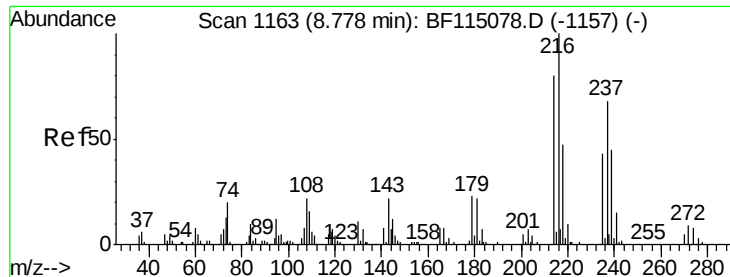
Tot Ion:164 Resp: 567675
Ion Ratio Lower Upper
164 100
162 102.1 81.7 122.5
160 46.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.223 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:216 Resp: 677314
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 22.4 17.6 26.4
108 19.3 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 41.587 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

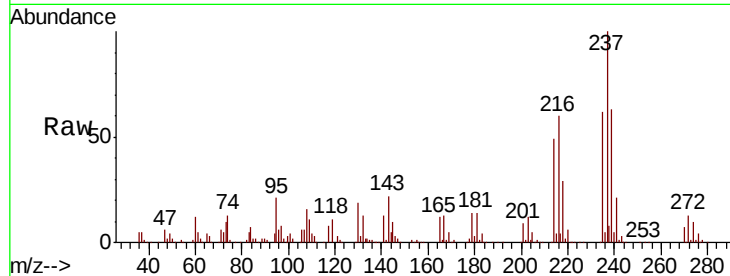
Tot Ion:237 Resp: 395578

Ion Ratio Lower Upper

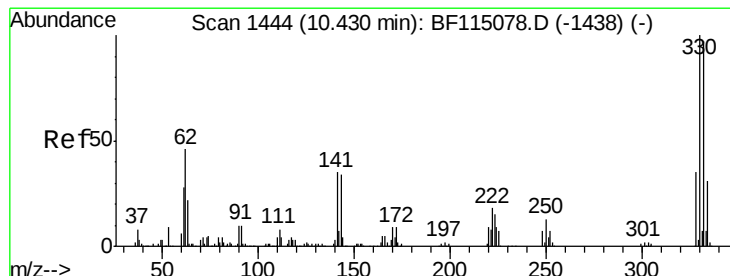
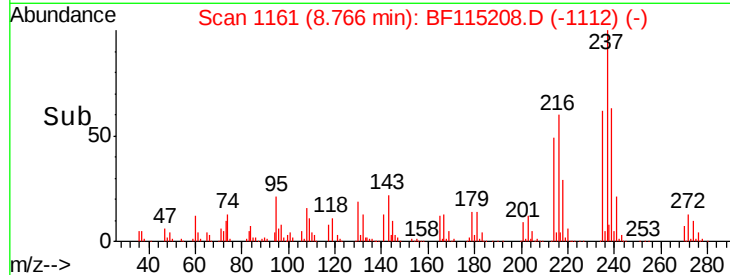
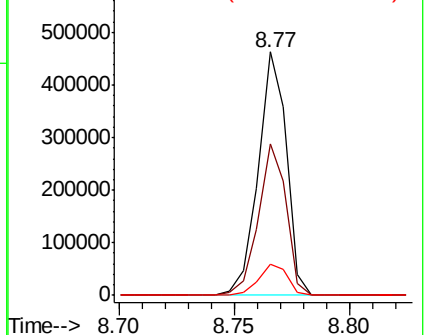
237 100

235 62.5 43.9 83.9

272 13.0 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: 88.028 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

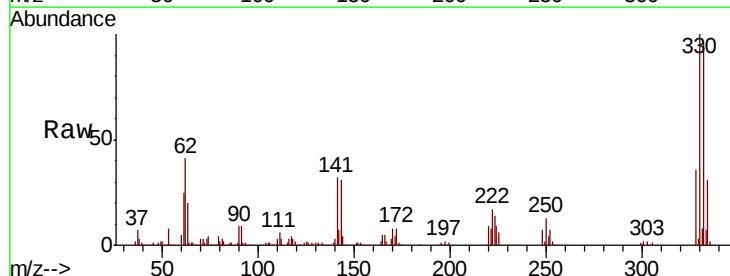
Tgt Ion:330 Resp: 526968

Ion Ratio Lower Upper

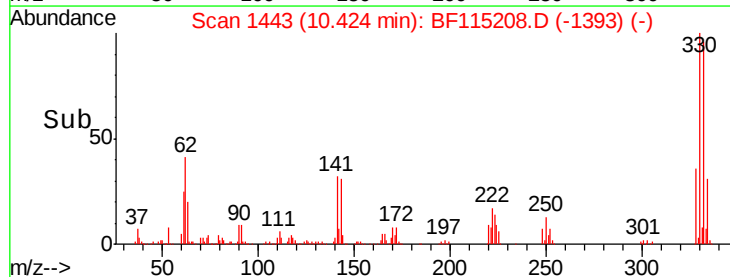
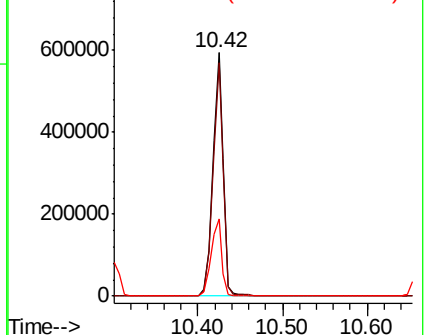
330 100

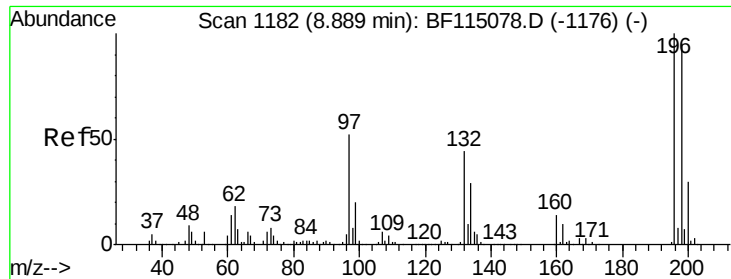
332 95.4 77.3 115.9

141 32.4 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

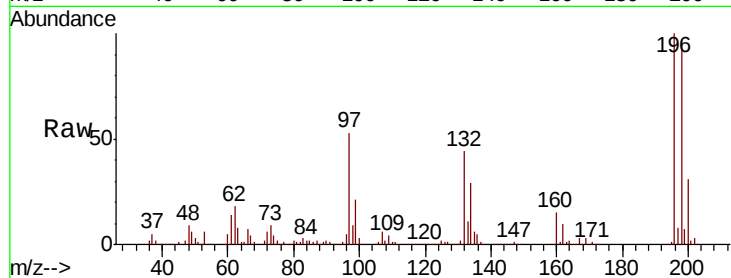




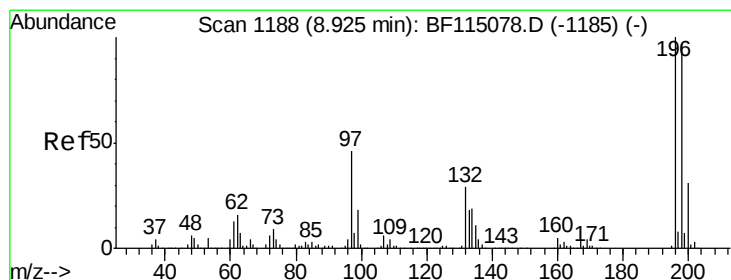
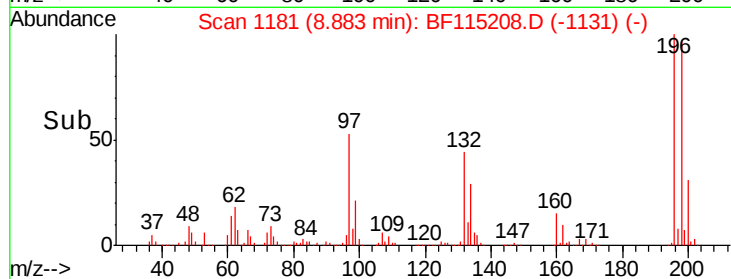
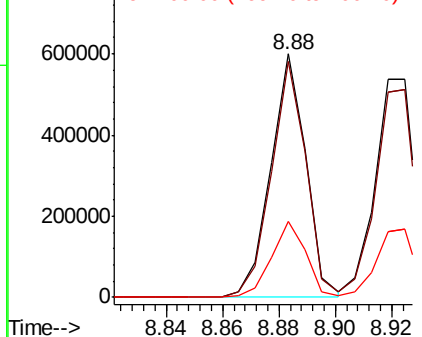
#43
 2,4,6-Trichlorophenol
 Concen: 41.703 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 516477
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 31.1 24.2 36.4



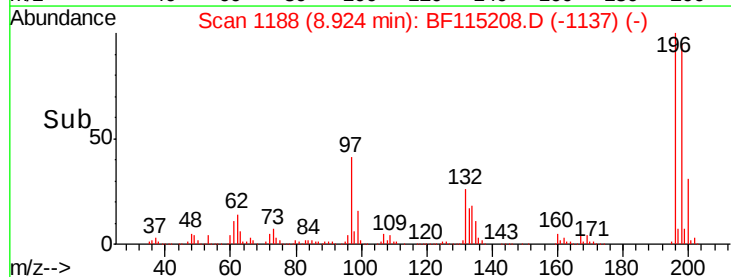
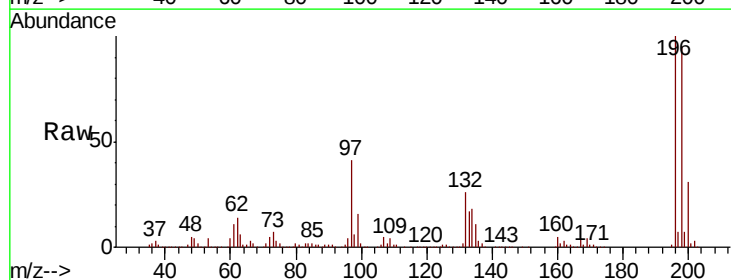
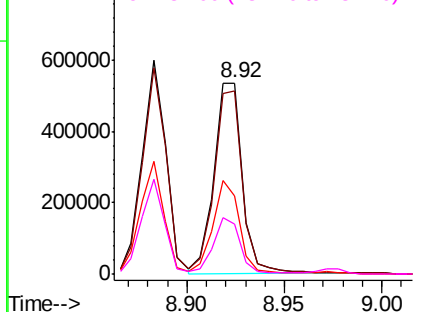
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

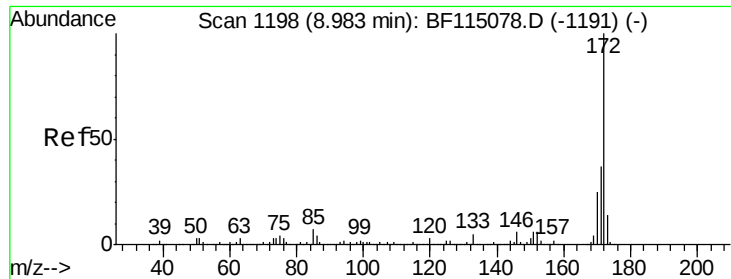


#44
 2,4,5-Trichlorophenol
 Concen: 42.445 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:196 Resp: 541339
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 97 40.6 37.7 56.5
 132 26.3 23.1 34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

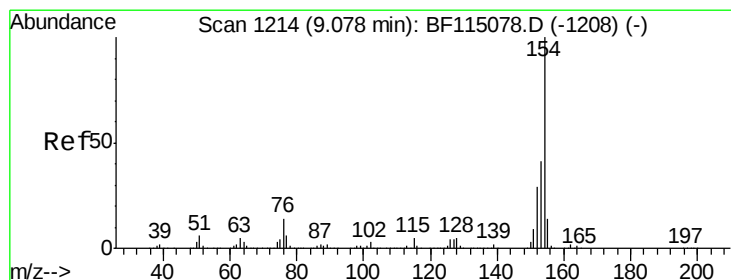
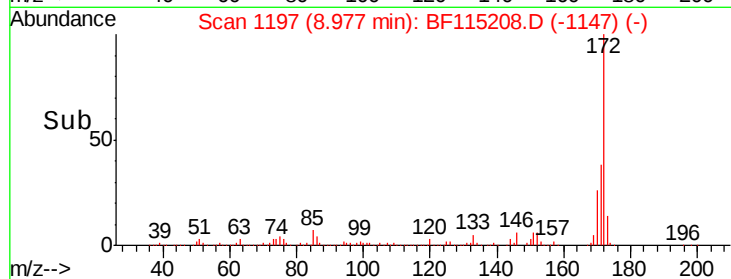
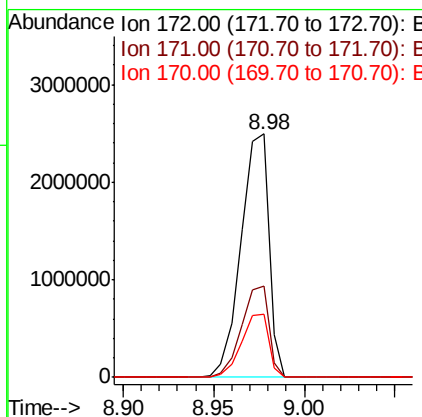
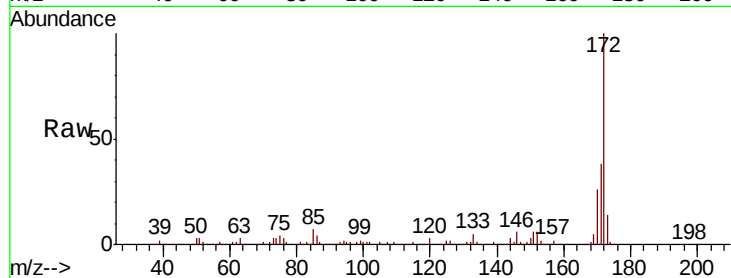




#45
2-Fluorobiphenyl
Concen: 80.135 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

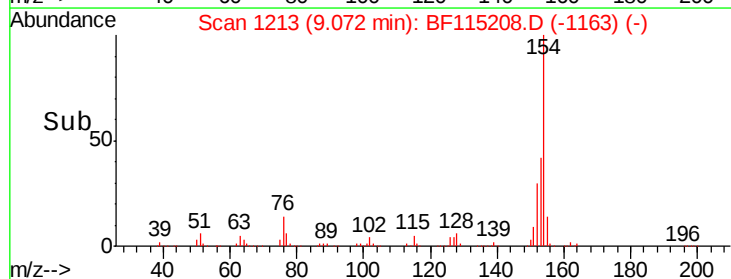
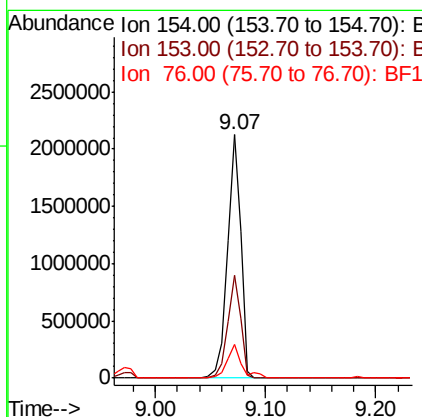
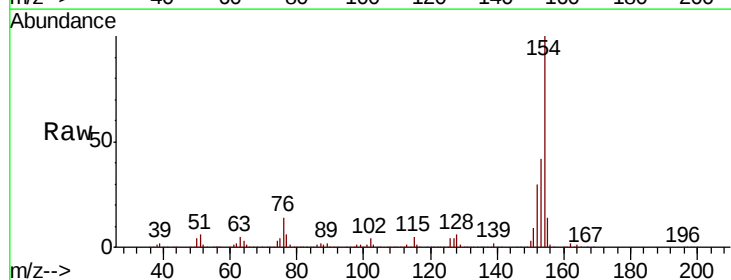
Instrument :
BNA_F
ClientSampleId :

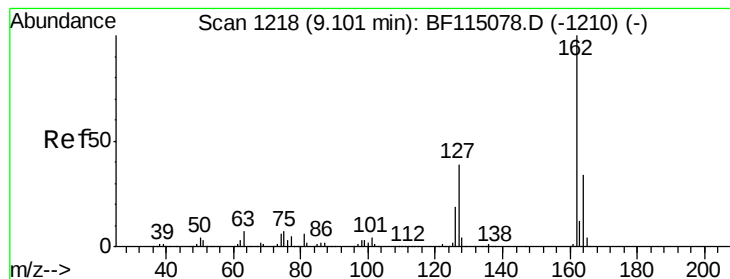
Tot Ion:172 Resp: 2678098
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 26.2 20.3 30.5



#46
1,1'-Biphenyl
Concen: 39.279 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:154 Resp: 1784120
Ion Ratio Lower Upper
154 100
153 42.4 20.9 60.9
76 13.9 0.0 34.1





#47

2-Chloronaphthalene

Concen: 41.124 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampled :

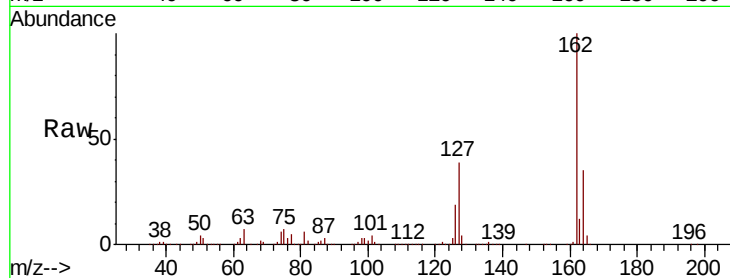
Tot Ion:162 Resp: 1515169

Ion Ratio Lower Upper

162 100

127 39.2 30.8 46.2

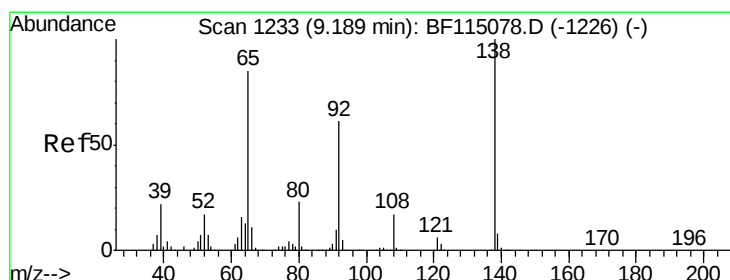
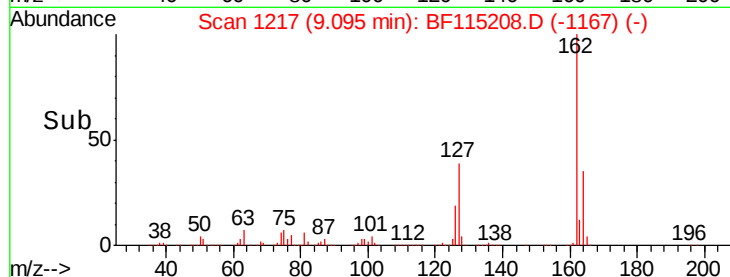
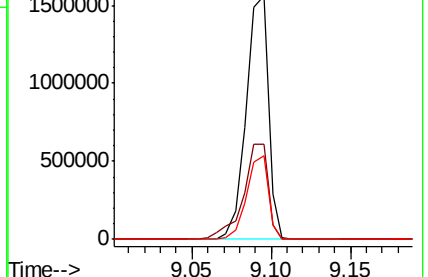
164 34.6 27.0 40.4



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: 43.281 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

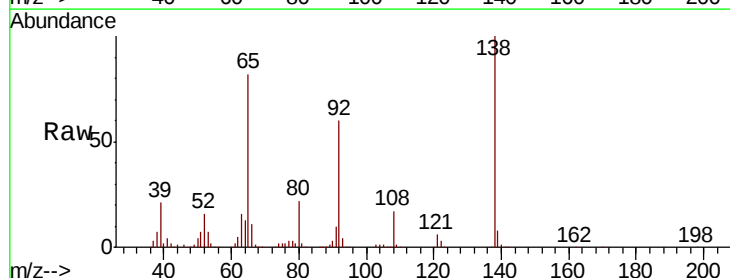
Tgt Ion: 65 Resp: 464913

Ion Ratio Lower Upper

65 100

92 73.3 57.4 86.2

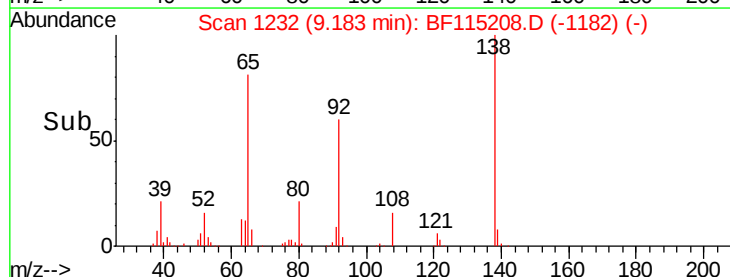
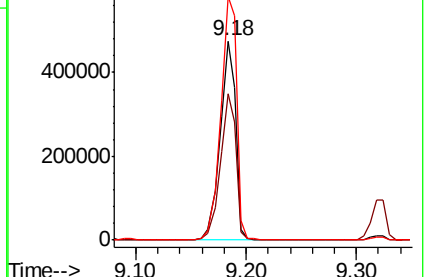
138 122.4 94.1 141.1

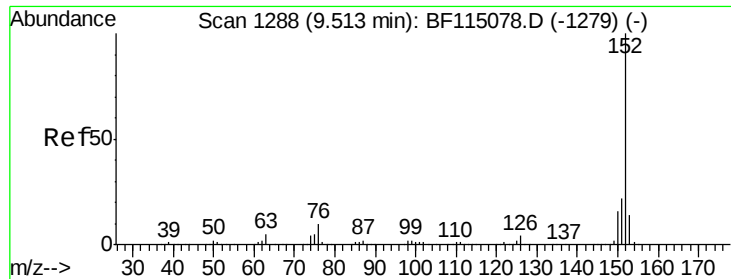


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.979 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

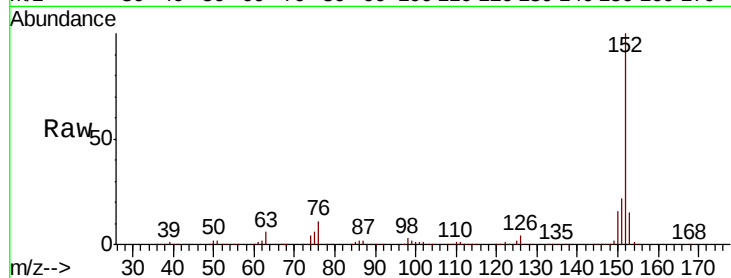
Tot Ion:152 Resp: 2294986

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

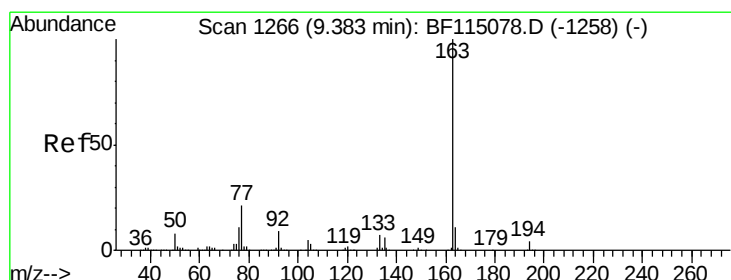
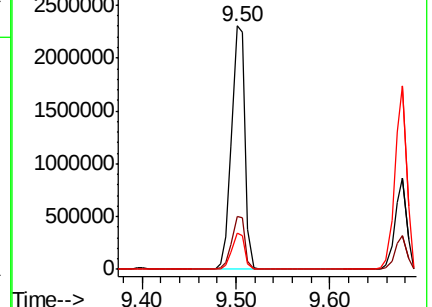
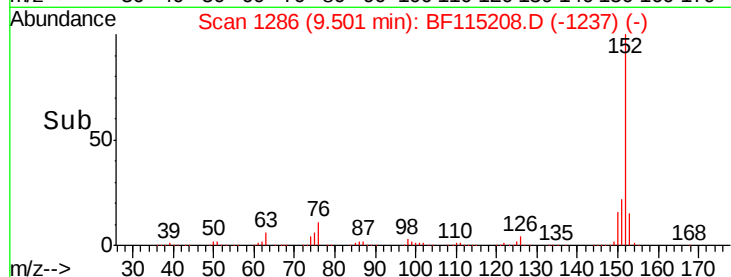
153 14.8 11.0 16.6



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: 41.437 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

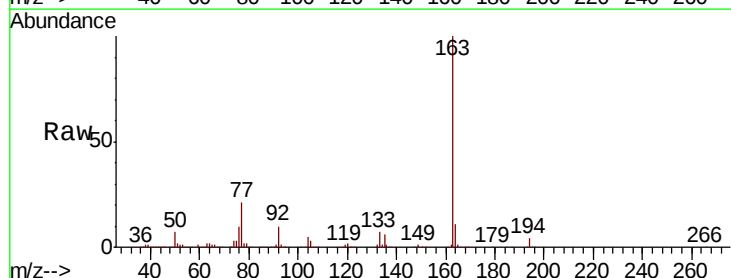
Tgt Ion:163 Resp: 1730610

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

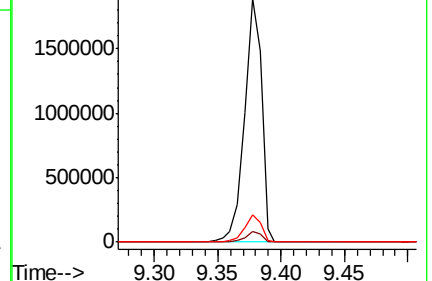
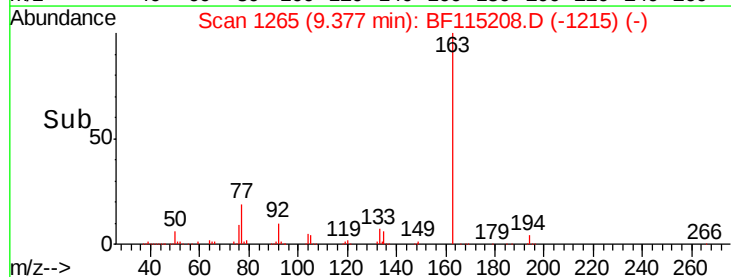
164 11.0 8.6 13.0

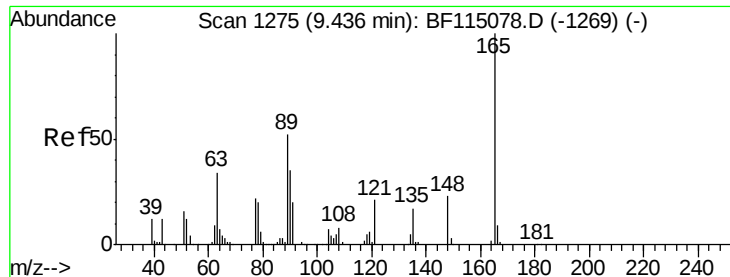


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

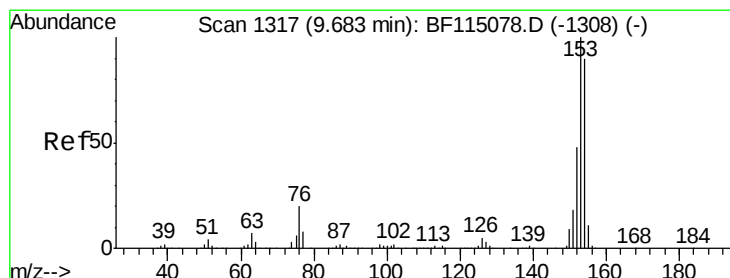
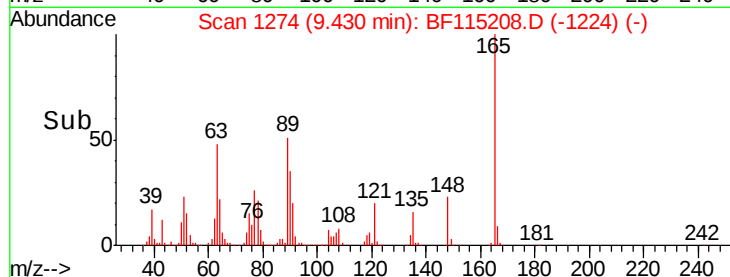
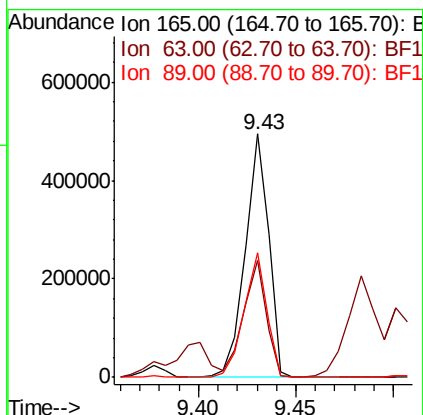
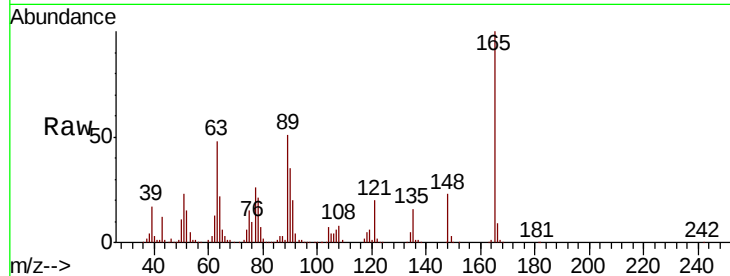




#51
 2,6-Dinitrotoluene
 Concen: 42.630 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

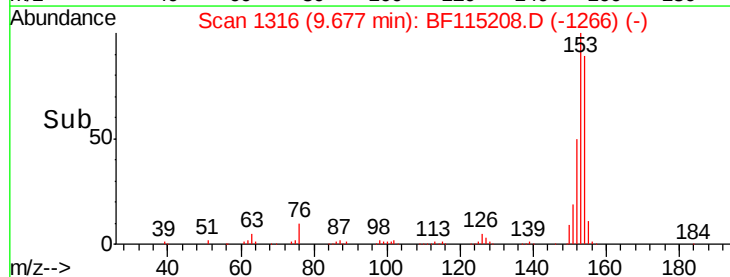
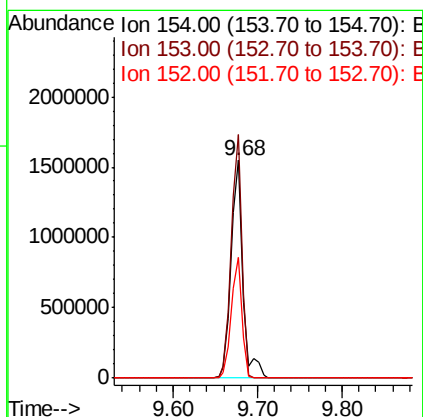
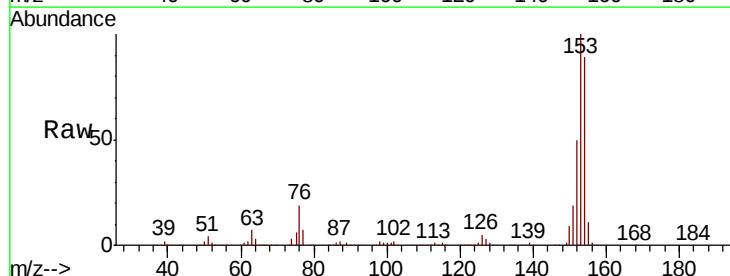
Instrument :
 BNA_F
 ClientSampleId :

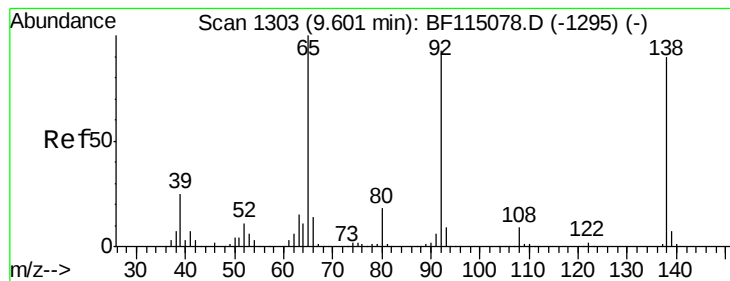
Tot Ion:165 Resp: 411048
 Ion Ratio Lower Upper
 165 100
 63 48.2 39.4 59.2
 89 51.0 42.0 63.0



#52
 Acenaphthene
 Concen: 40.928 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:154 Resp: 1470166
 Ion Ratio Lower Upper
 154 100
 153 111.8 88.7 133.1
 152 55.7 42.6 64.0





#53

3-Nitroaniline

Concen: 40.889 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

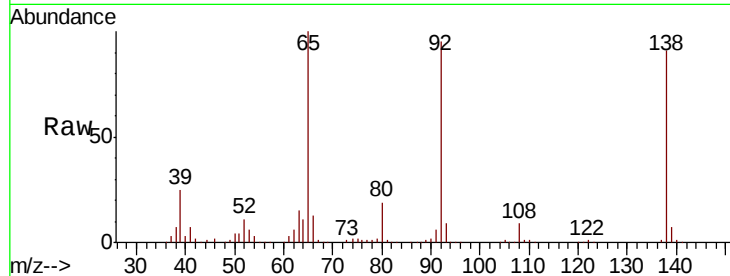
Tot Ion:138 Resp: 481131

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

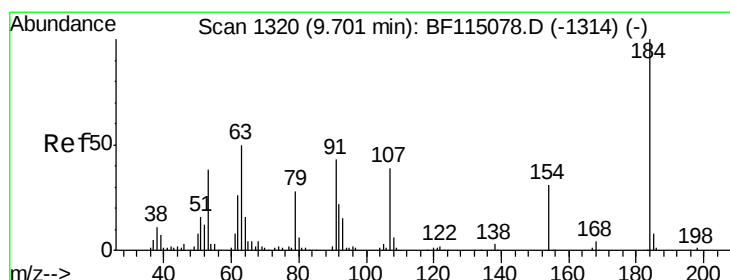
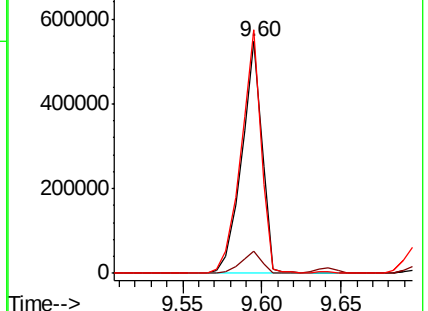
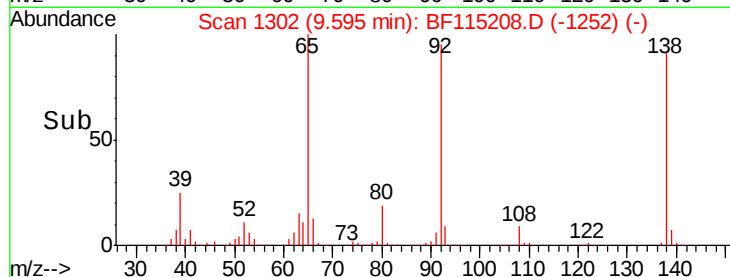
92 105.0 82.9 124.3



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: 48.448 ng

RT: 9.70 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

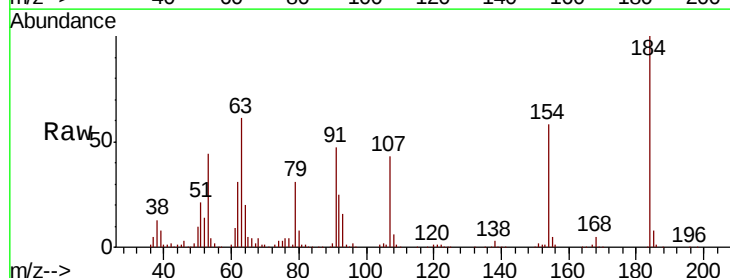
Tgt Ion:184 Resp: 224559

Ion Ratio Lower Upper

184 100

63 61.1 41.9 62.9

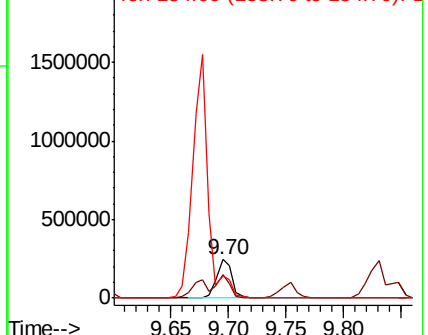
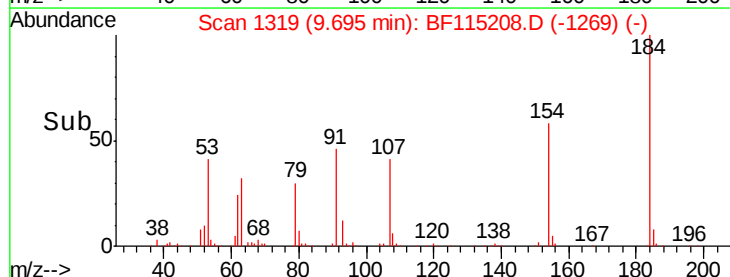
154 58.3 44.7 67.1

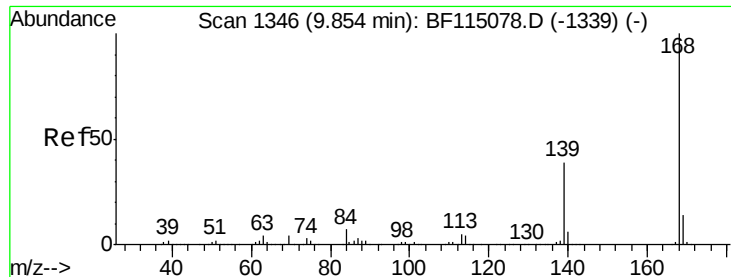


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

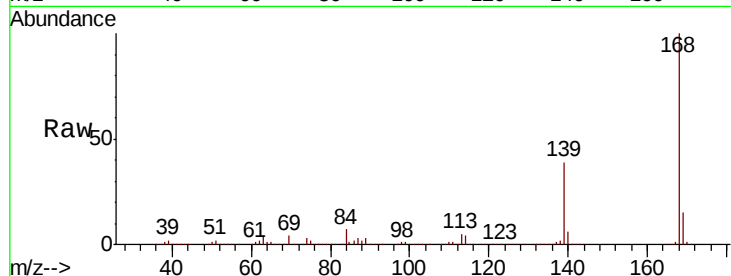




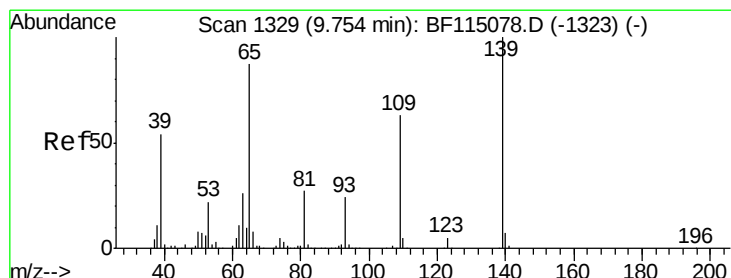
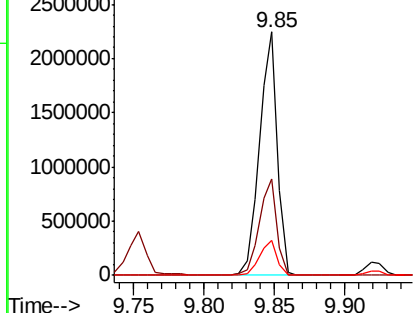
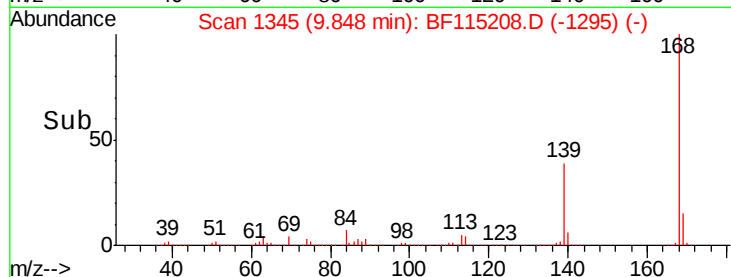
#55
Dibenzenofuran
Concen: 38.810 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2000915
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.6 11.3 16.9

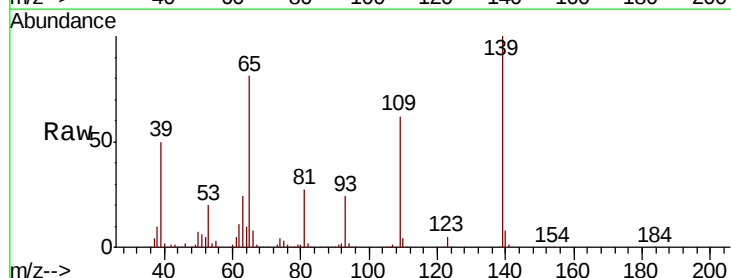


Abundance Ion 168.00 (167.70 to 168.70): E
3000000 Ion 139.00 (138.70 to 139.70): E
2500000 Ion 169.00 (168.70 to 169.70): E

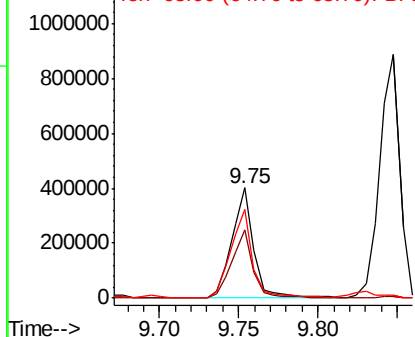
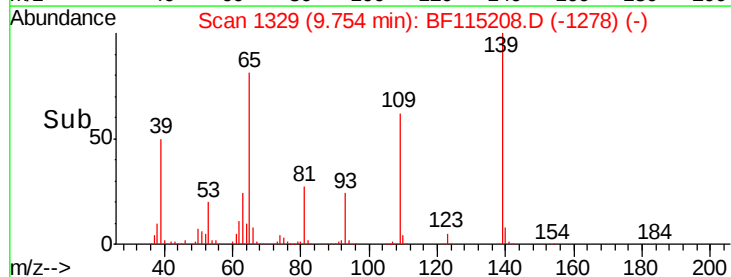


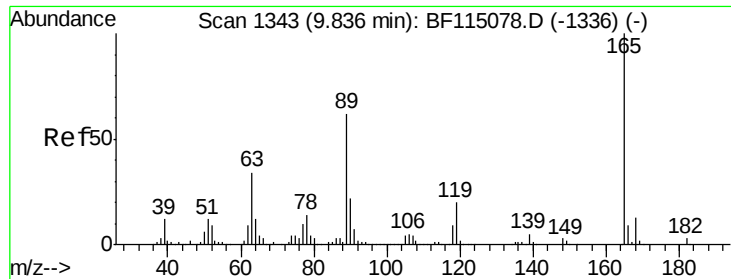
#56
4-Nitrophenol
Concen: 41.047 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:139 Resp: 387209
Ion Ratio Lower Upper
139 100
109 61.6 43.0 83.0
65 80.8 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
1200000 Ion 109.00 (108.70 to 109.70): E
1000000 Ion 65.00 (64.70 to 65.70): BF1

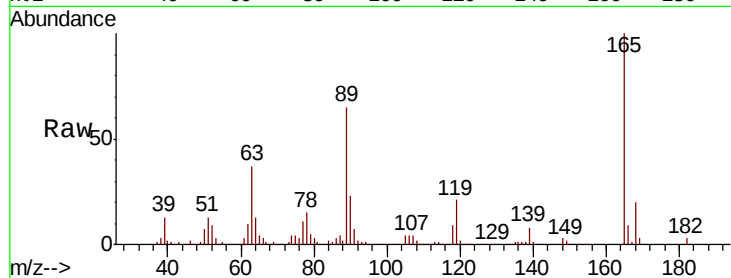




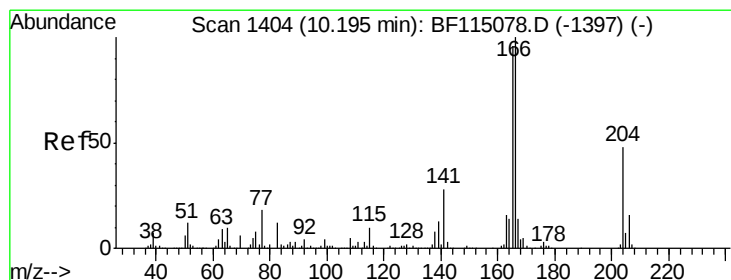
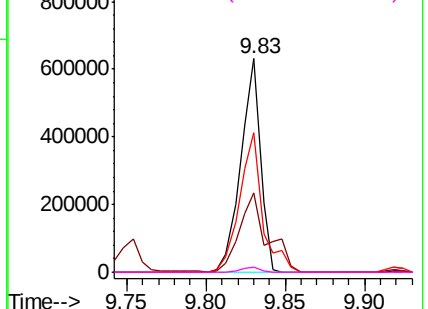
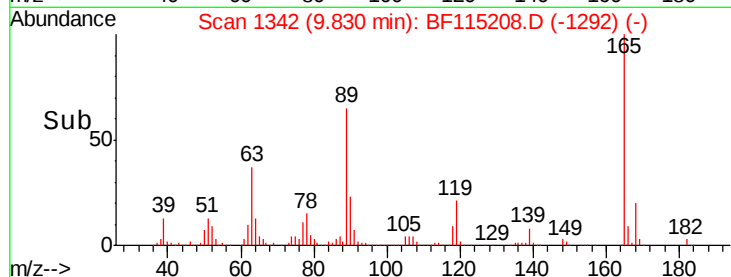
#57
2,4-Dinitrotoluene
Concen: 43.652 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	543473
Ion Ratio	Lower	Upper
165	100	
63	37.4	27.5 41.3
89	65.1	49.9 74.9
182	2.6	2.1 3.1

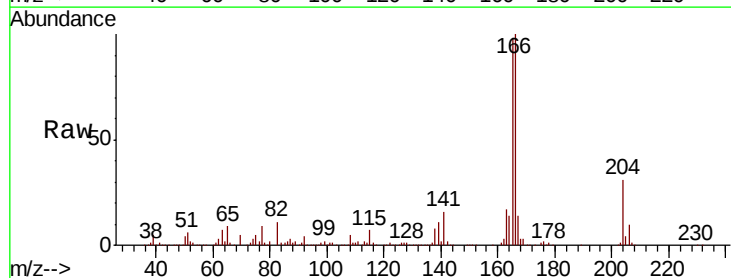


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

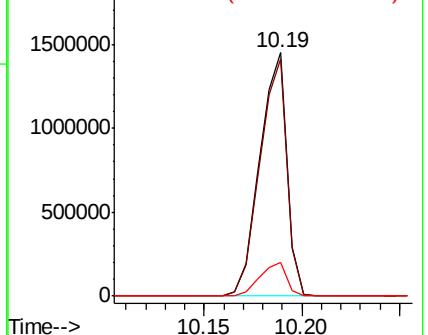
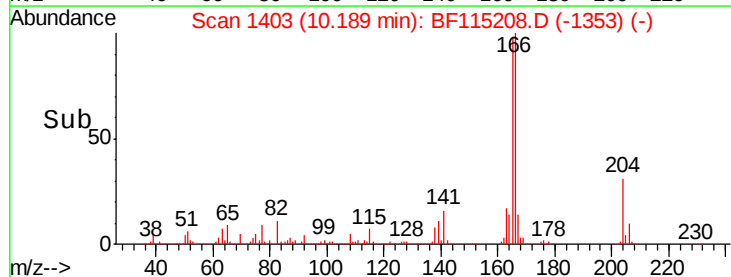


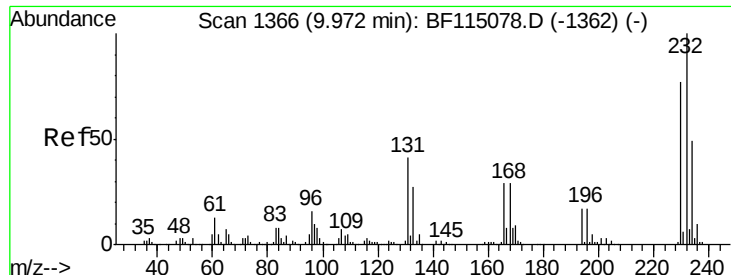
#58
Fluorene
Concen: 39.851 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:166	Resp:	1393790
Ion Ratio	Lower	Upper
166	100	
165	97.6	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

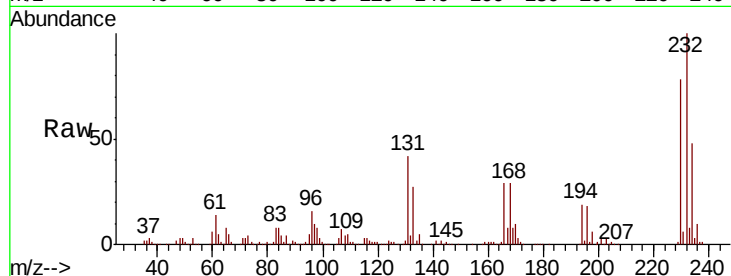




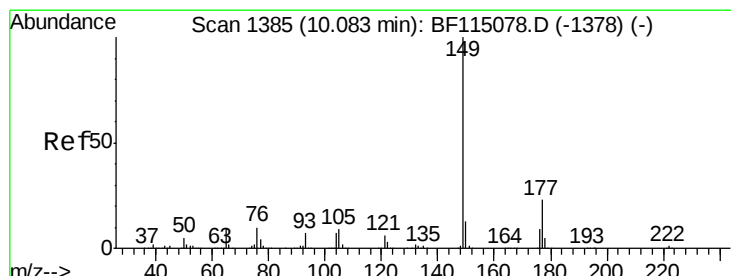
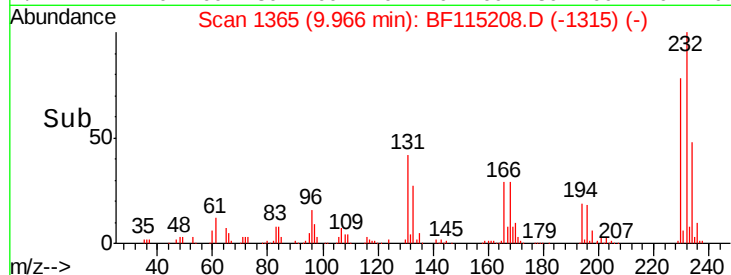
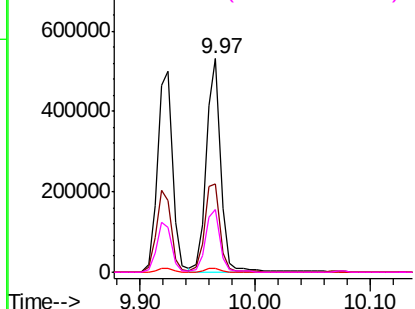
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.098 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	460902
Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.4	56.0
130	2.1	1.8	2.6
166	29.5	24.6	36.8

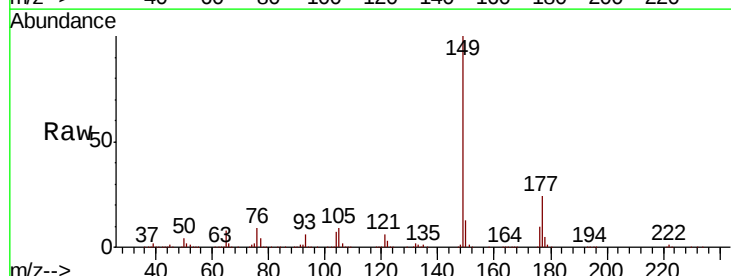


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

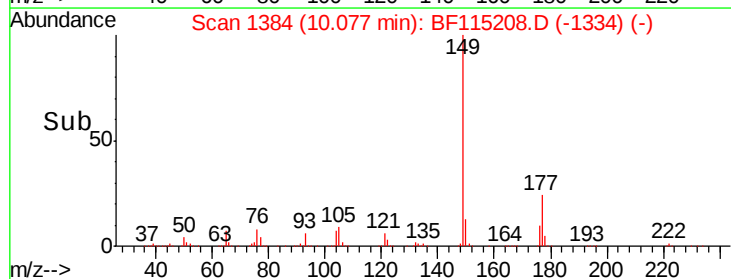
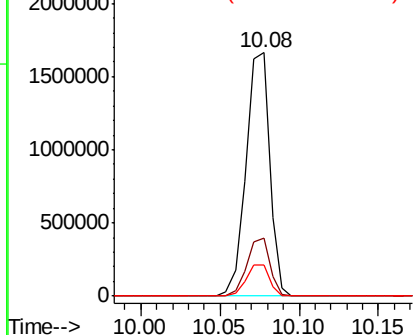


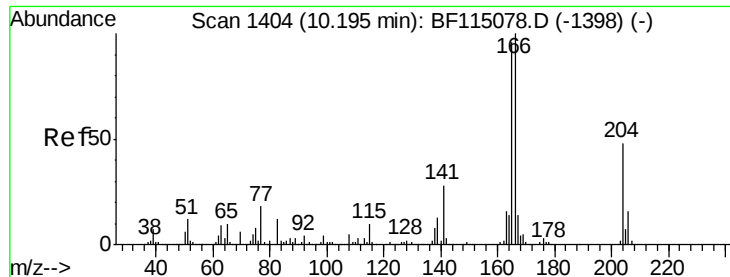
#60
 Diethylphthalate
 Concen: 40.989 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:	149	Resp:	1720841
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.7	28.1
150	12.7	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

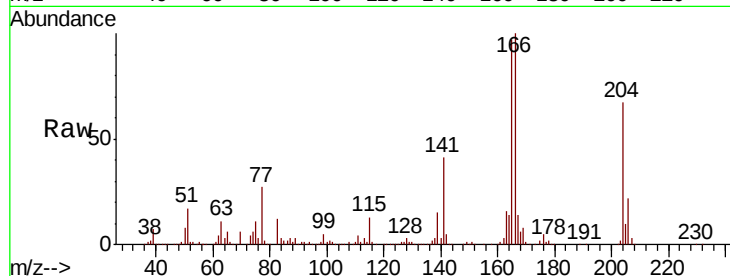




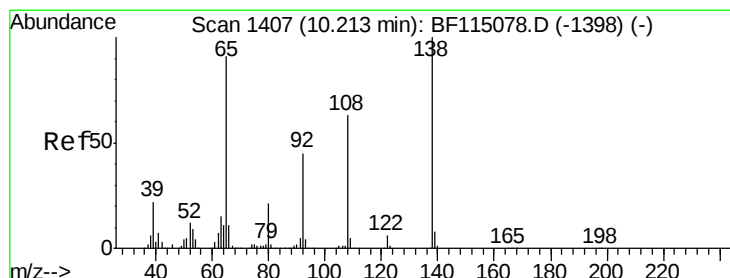
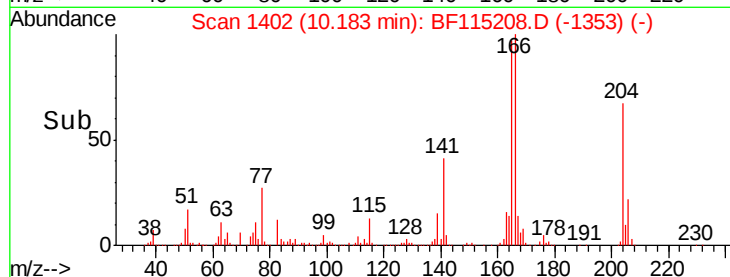
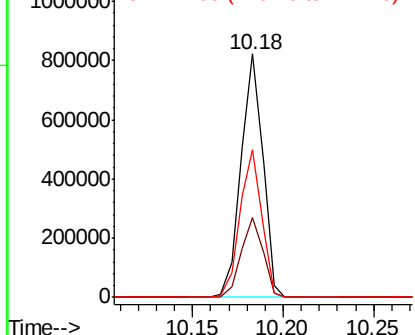
#61
4-Chlorophenyl-phenylether
Concen: 41.746 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 688997
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.9 46.7 70.1

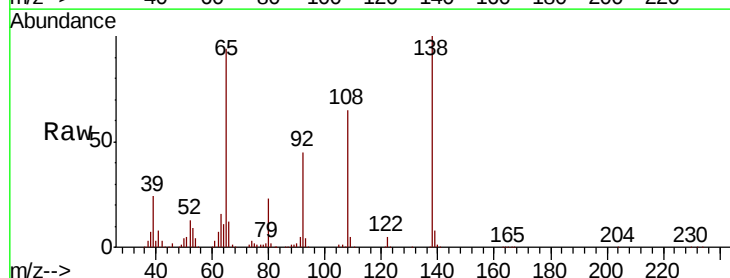


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

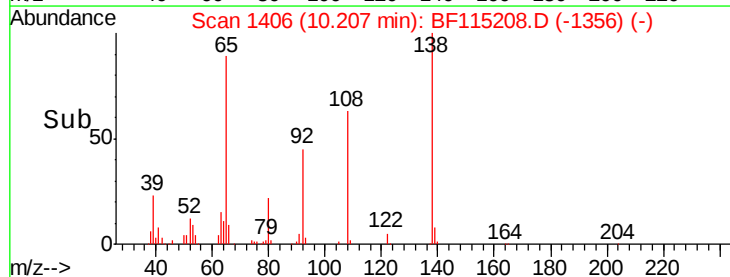
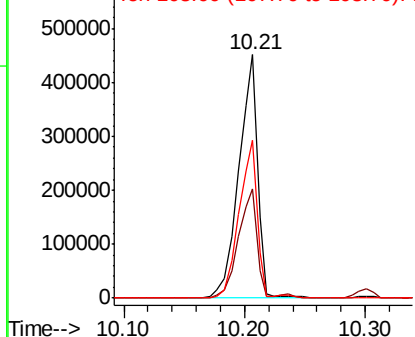


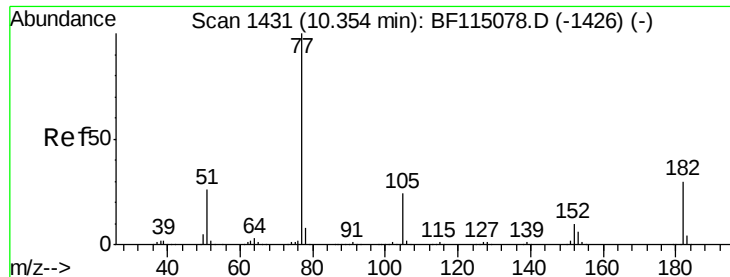
#62
4-Nitroaniline
Concen: 41.689 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:138 Resp: 492107
Ion Ratio Lower Upper
138 100
92 45.1 24.8 64.8
108 64.6 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: 39.899 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1564554

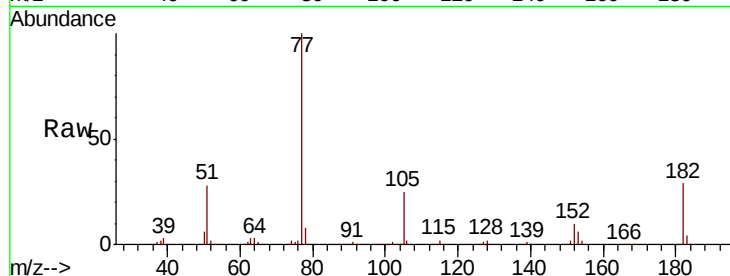
Ion Ratio Lower Upper

77 100

182 28.8 10.1 50.1

105 24.6 4.5 44.5

51 27.5 6.4 46.4

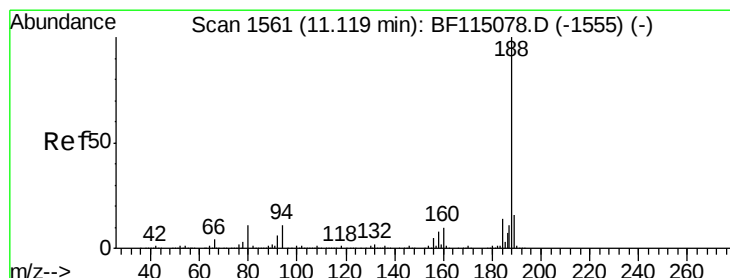
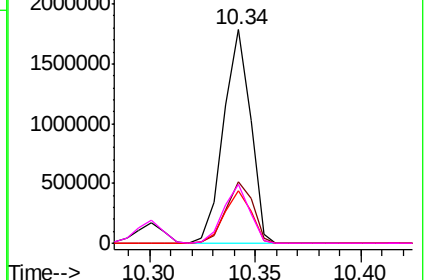
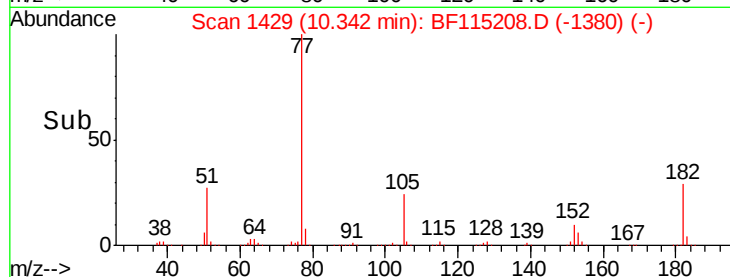


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

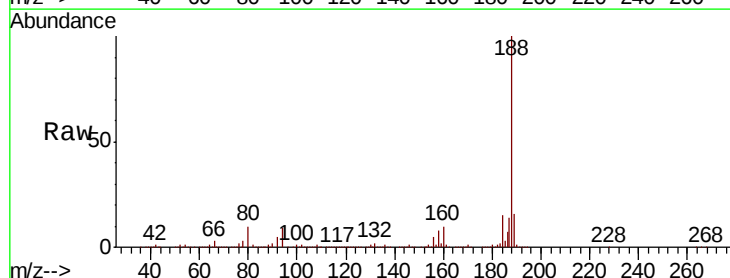
Tgt Ion: 188 Resp: 1112293

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

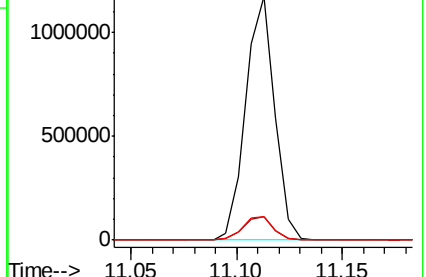
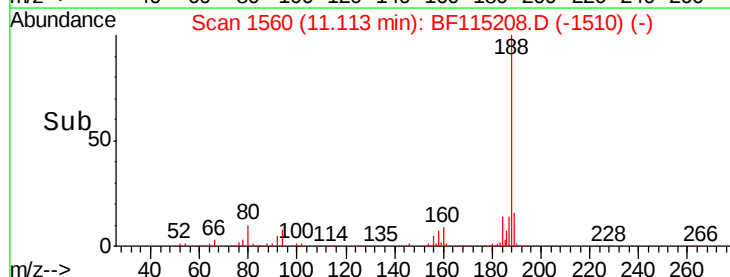
80 9.8 8.8 13.2

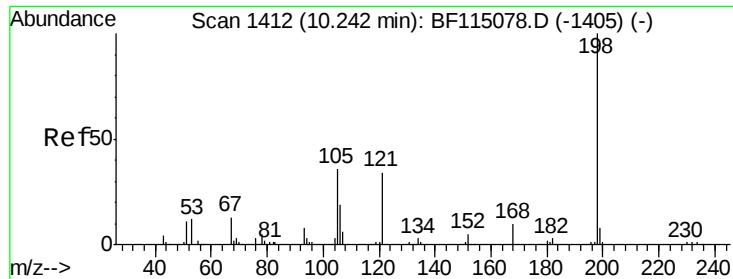


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

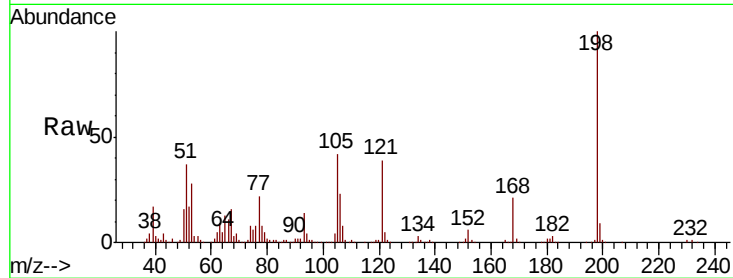




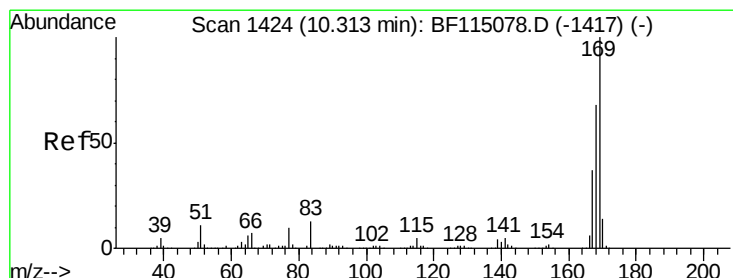
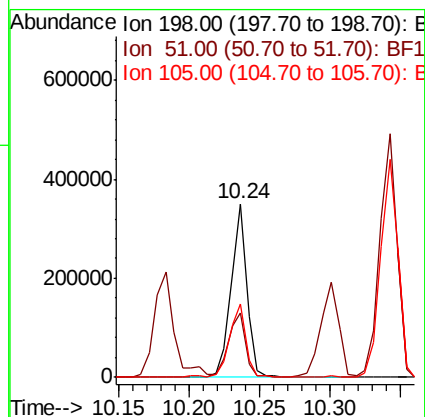
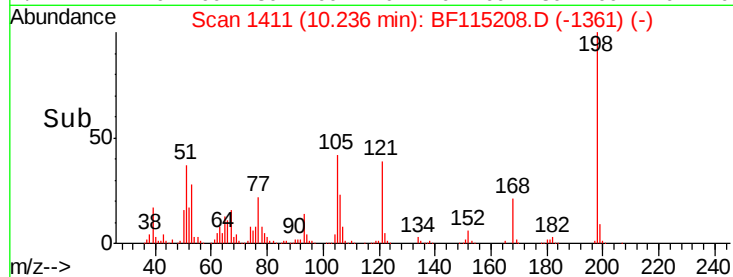
#65
4,6-Dinitro-2-methylphenol
Concen: 46.849 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 276486
Ion Ratio Lower Upper
198 100
51 37.0 11.0 51.0
105 42.3 17.3 57.3

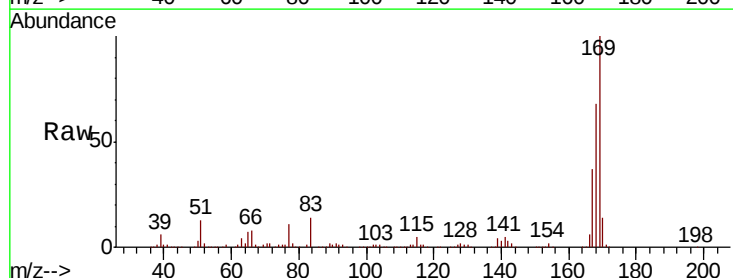


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

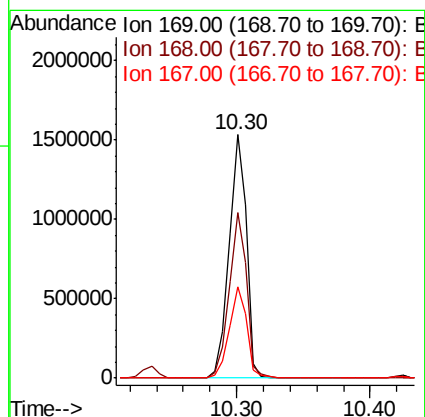
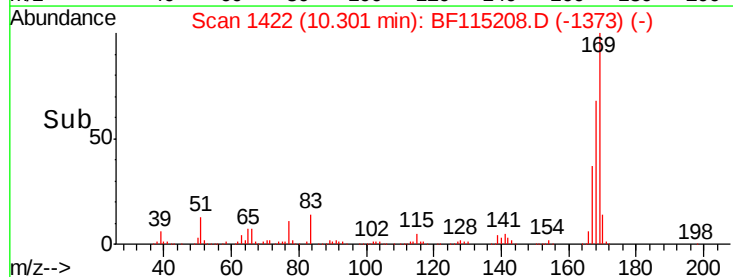


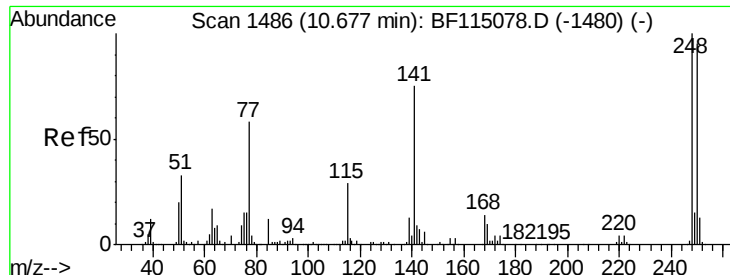
#66
n-Nitrosodiphenylamine
Concen: 40.667 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:169 Resp: 1409239
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.4
167 37.2 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

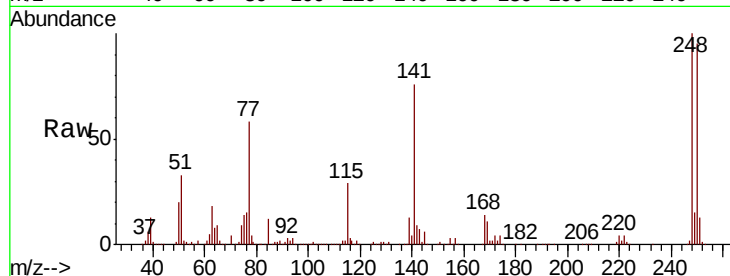




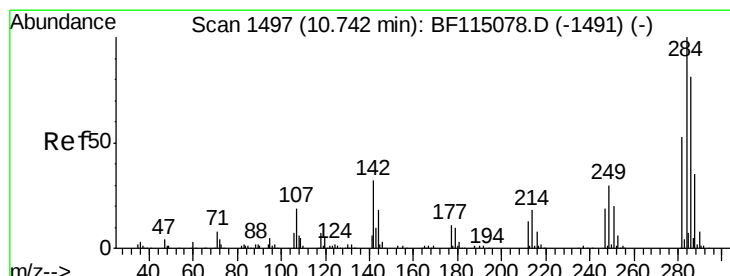
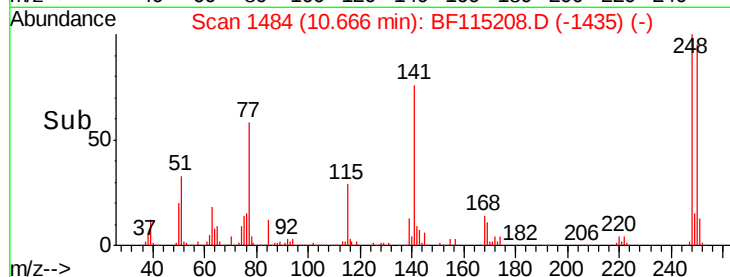
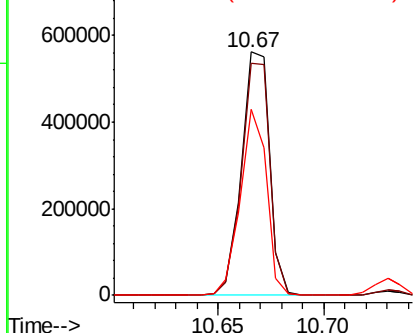
#67
 4-Bromophenyl-phenylether
 Concen: 42.918 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 517567
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.2 114.2
 141 76.2 59.6 89.4

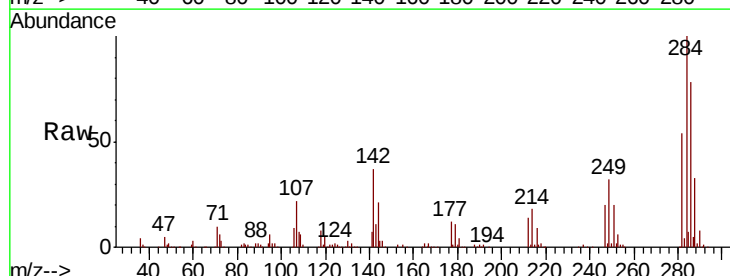


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

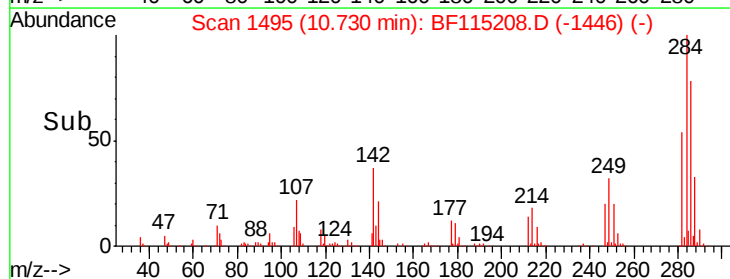
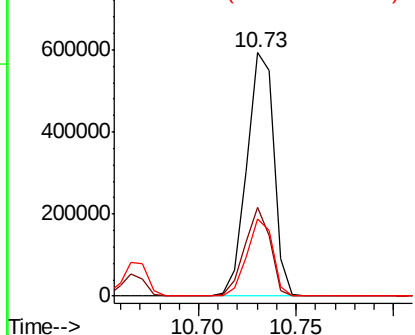


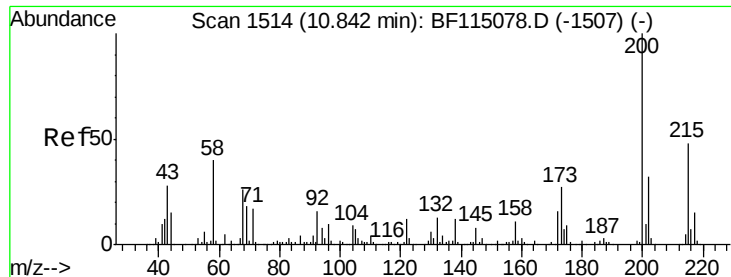
#68
 Hexachlorobenzene
 Concen: 43.371 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:284 Resp: 567727
 Ion Ratio Lower Upper
 284 100
 142 36.6 25.8 38.8
 249 31.6 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.862 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

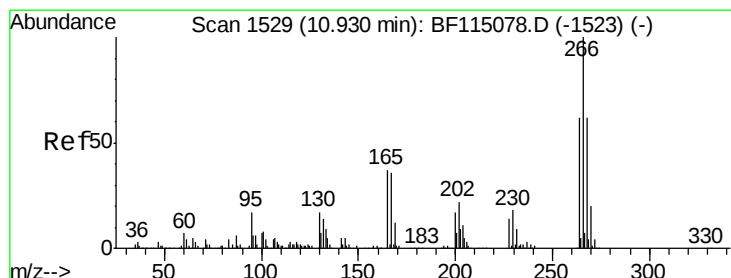
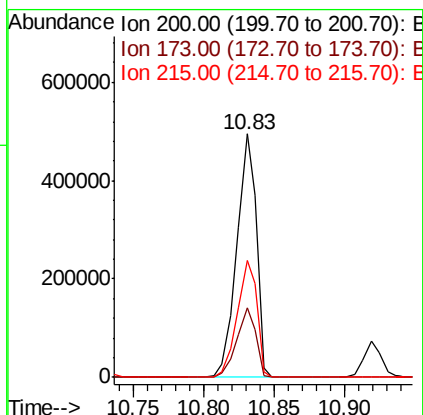
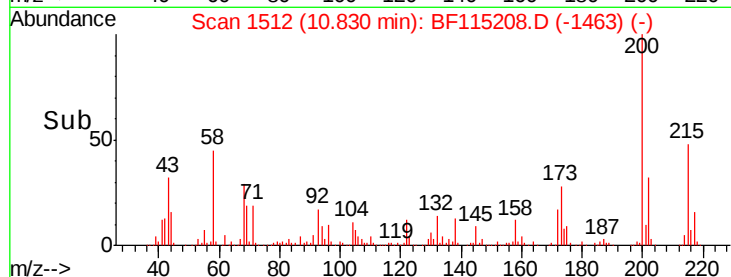
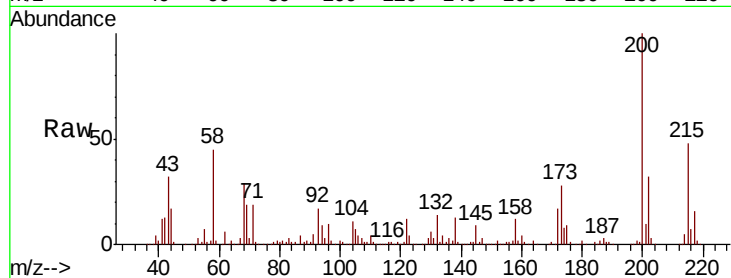
Tot Ion:200 Resp: 477799

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 48.0 27.8 67.8



#70

Pentachlorophenol

Concen: 45.217 ng

RT: 10.92 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

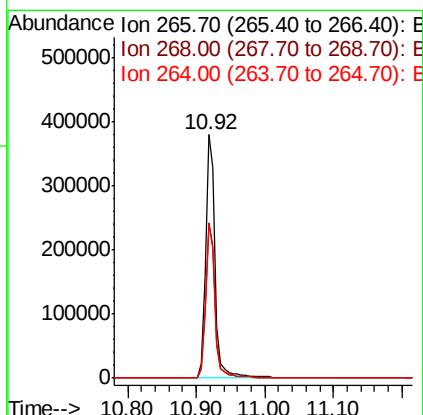
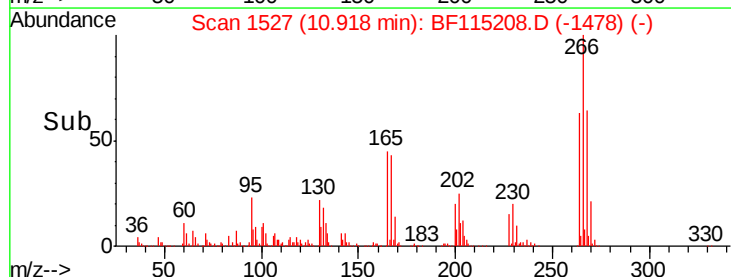
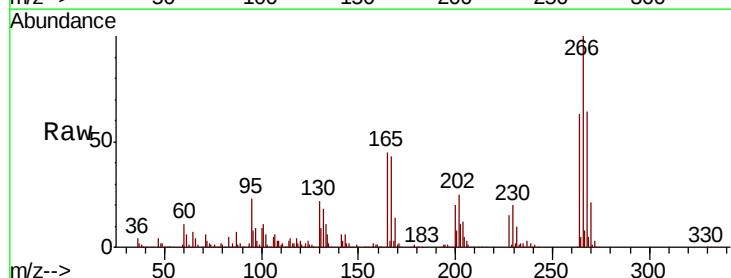
Tgt Ion:266 Resp: 377077

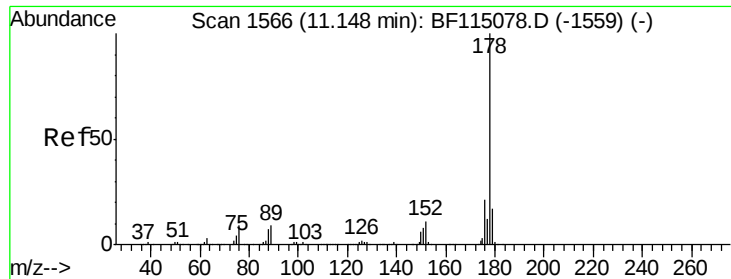
Ion Ratio Lower Upper

266 100

268 63.6 49.5 74.3

264 63.0 49.3 73.9

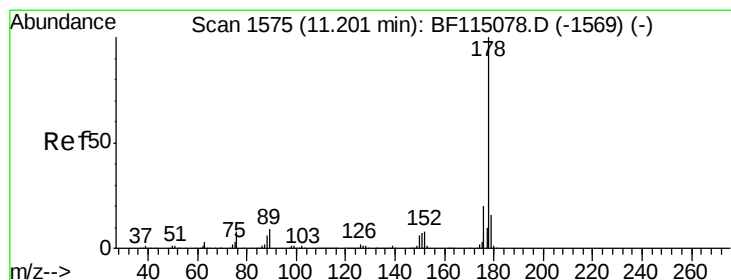
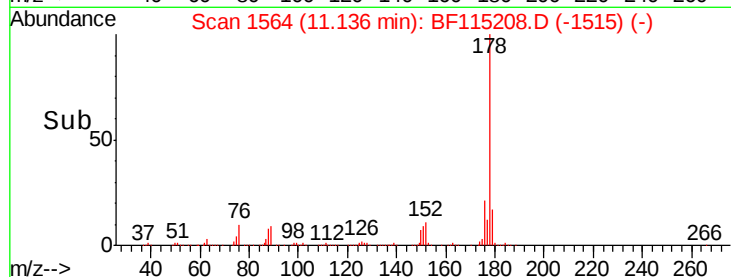
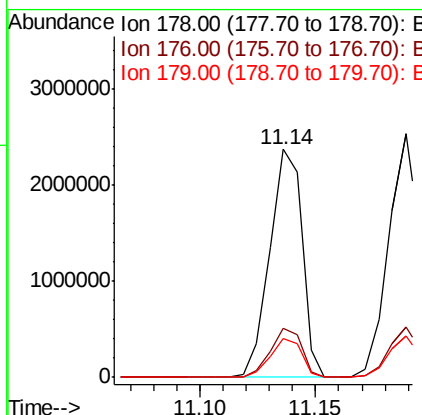
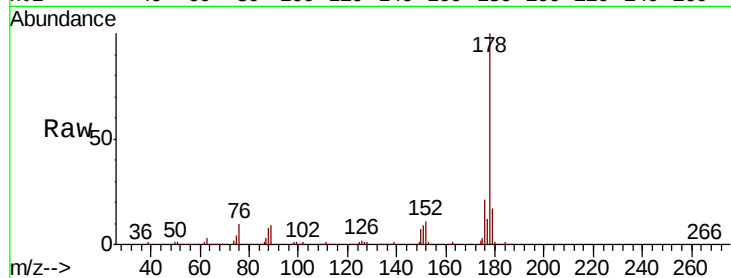




#71
 Phenanthrene
 Concen: 38.436 ng
 RT: 11.14 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

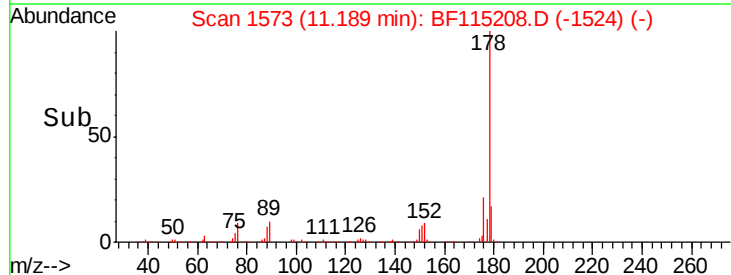
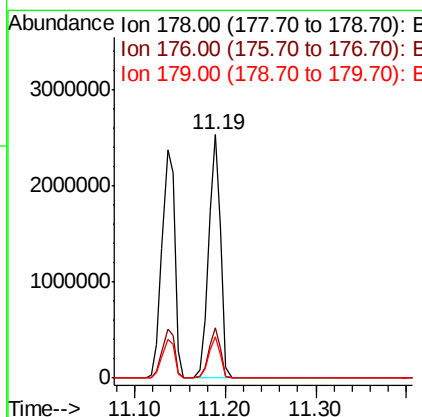
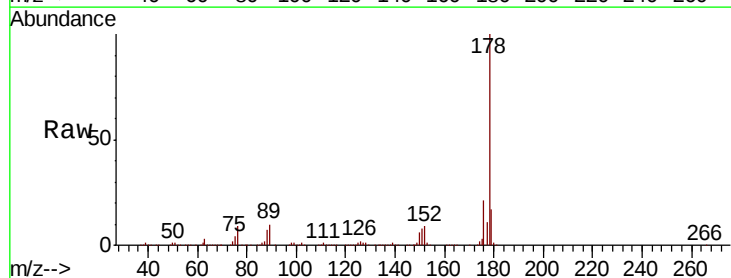
Instrument :
 BNA_F
 ClientSampleId :

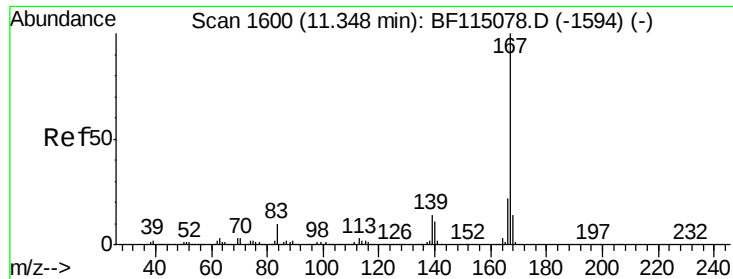
Tot Ion:178 Resp: 2301865
 Ion Ratio Lower Upper
 178 100
 176 21.5 16.9 25.3
 179 17.1 13.2 19.8



#72
 Anthracene
 Concen: 38.829 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:178 Resp: 2347288
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.1 24.1
 179 17.2 12.9 19.3

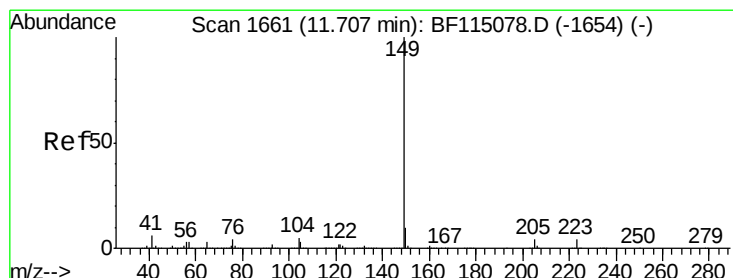
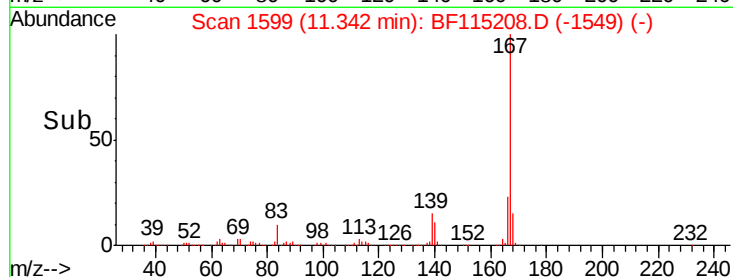
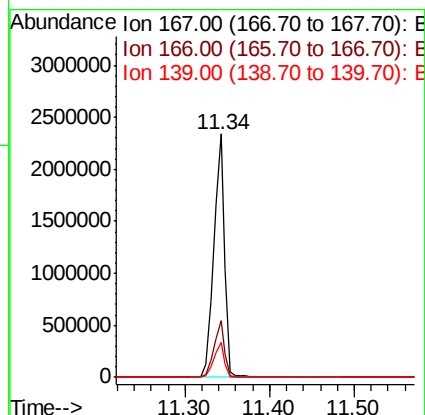
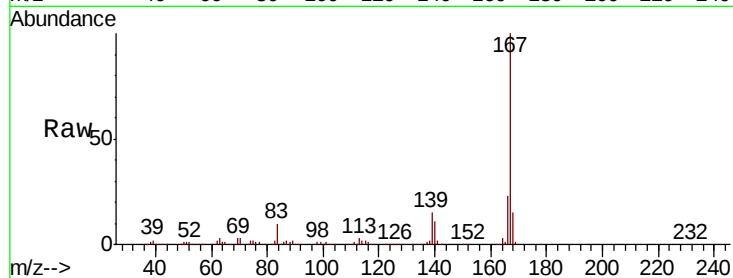




#73
 Carbazole
 Concen: 39.620 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

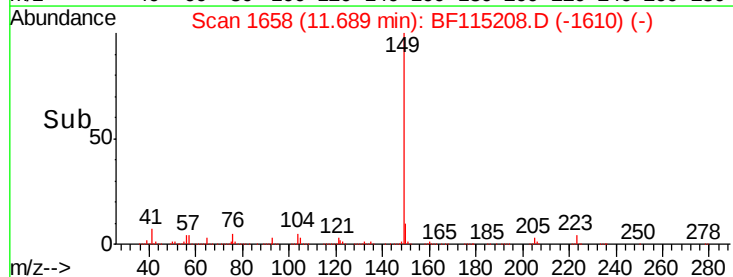
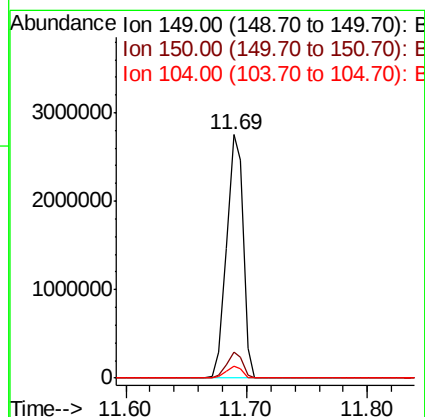
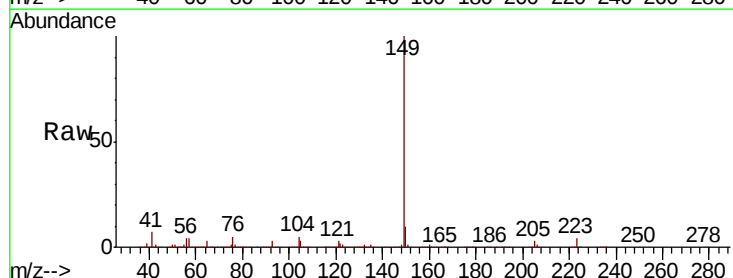
Instrument :
 BNA_F
 ClientSampleId :

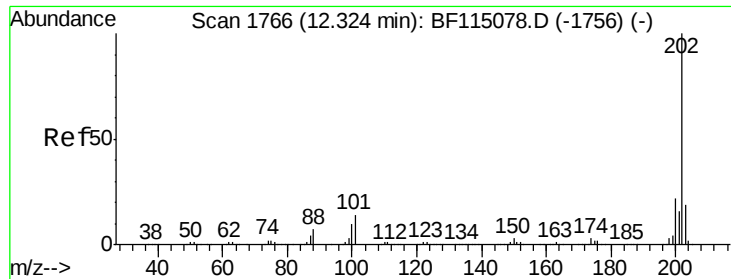
Tot Ion:167 Resp: 2138746
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.0 27.0
 139 14.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.696 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:149 Resp: 2600935
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.1 3.7 5.5

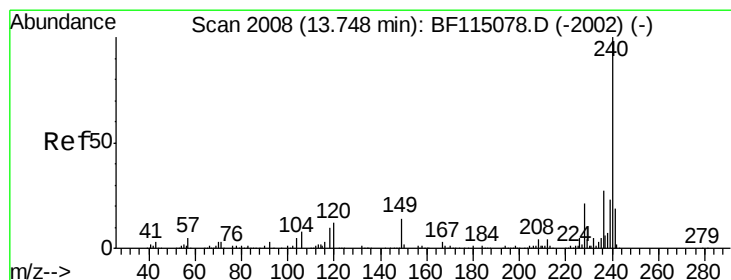
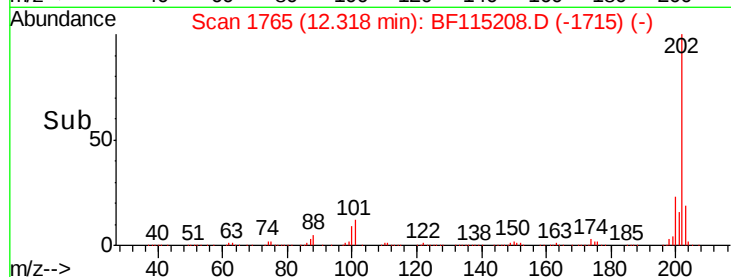
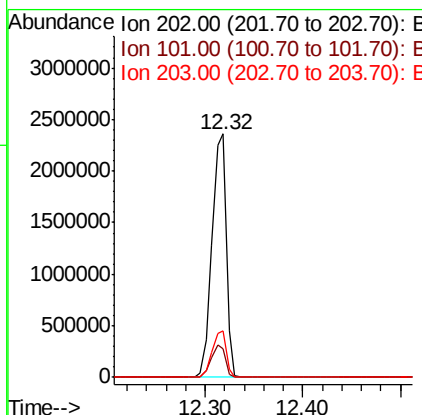
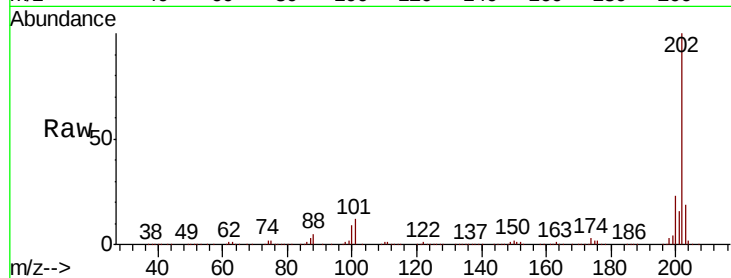




#75
 Fluoranthene
 Concen: 40.013 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

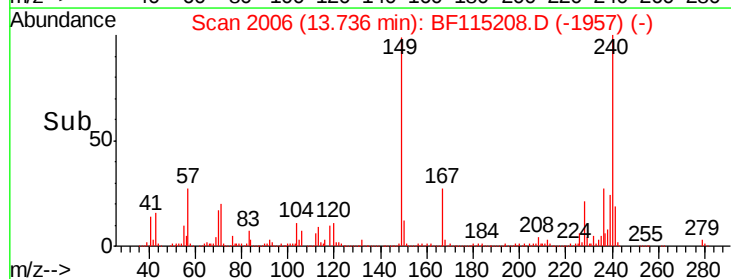
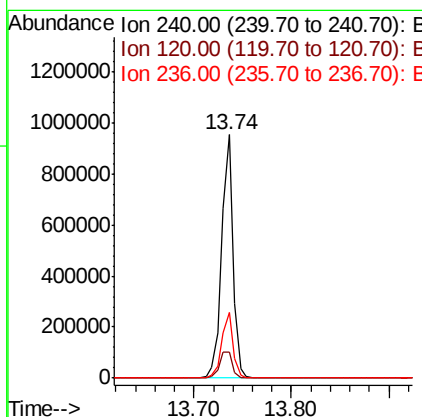
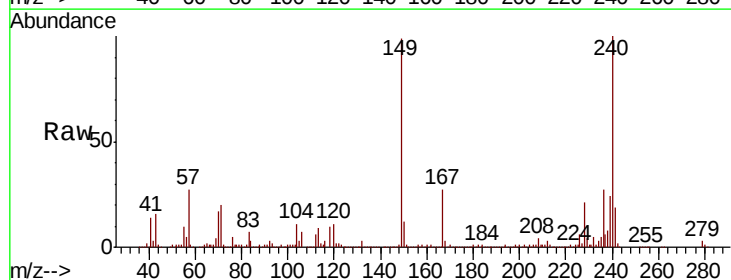
Instrument :
 BNA_F
 ClientSampleId :

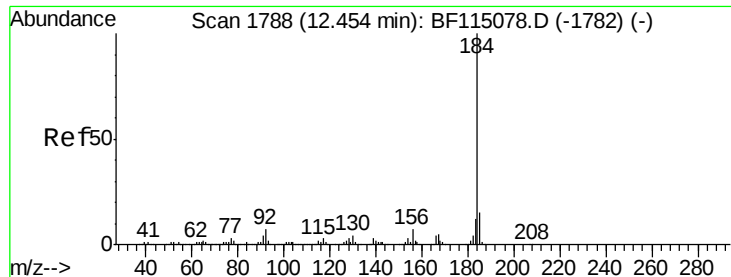
Tot Ion:202 Resp: 2390881
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 34.0
 203 19.0 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:240 Resp: 774210
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.4 14.2
 236 27.2 21.7 32.5





#77

Benzidine

Concen: 40.667 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

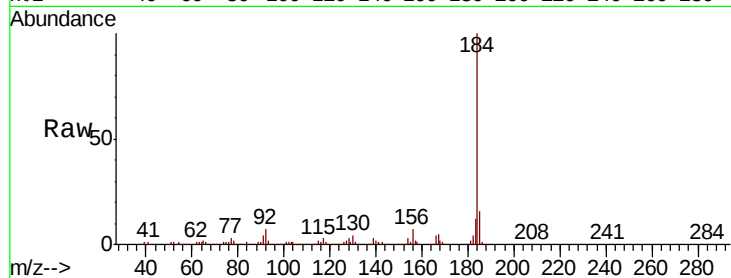
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1398054

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	11.9	9.6	14.4

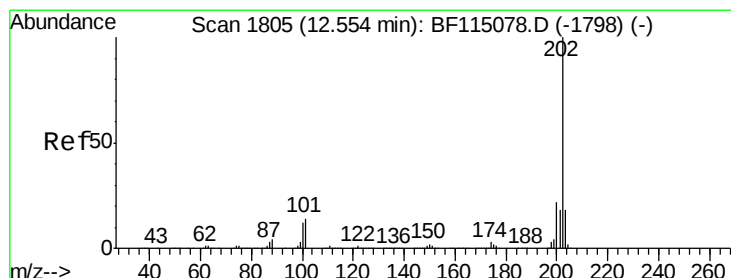
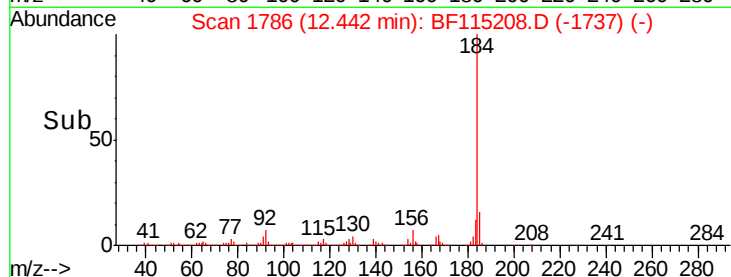
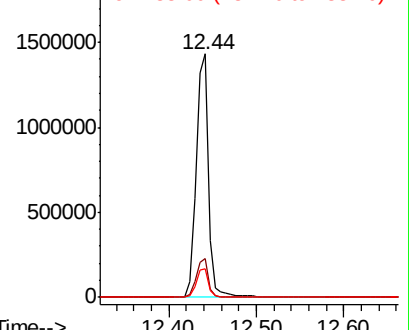


Abundance

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: 41.649 ng

RT: 12.54 min Scan# 1803

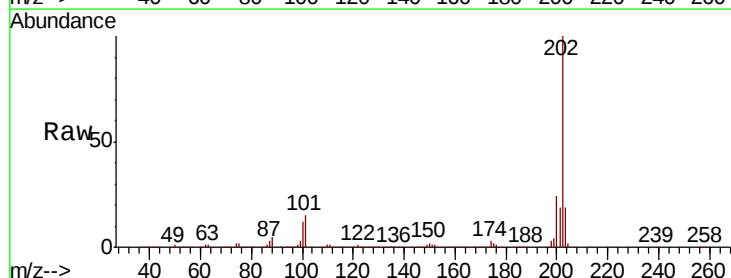
Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Tgt Ion:202 Resp: 2478056

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.9	26.9
203	18.9	14.6	21.8

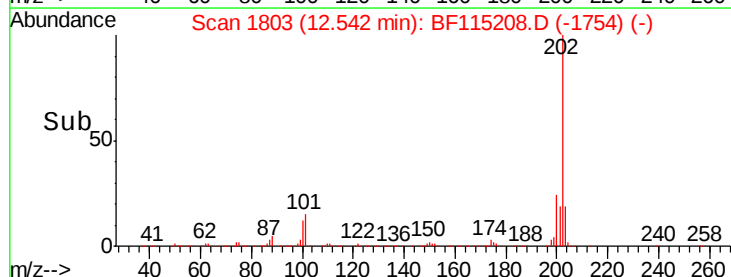
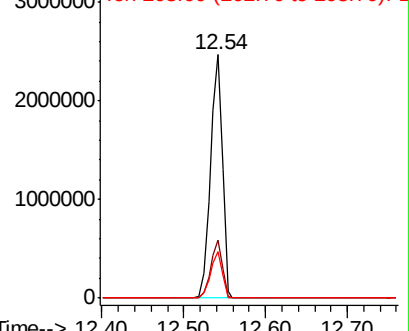


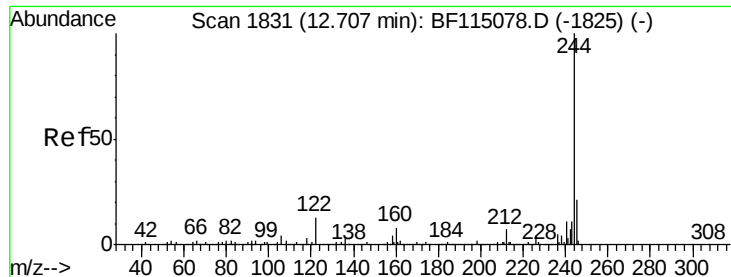
Abundance

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: 83.128 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

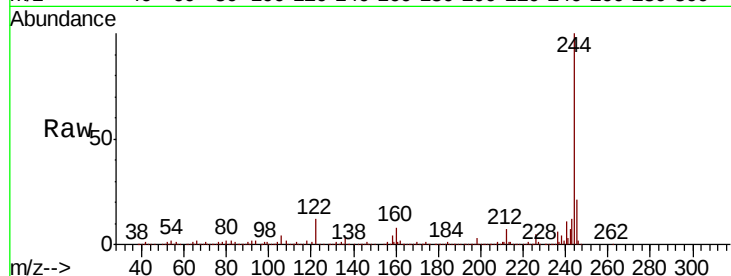
Tot Ion:244 Resp: 3027004

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

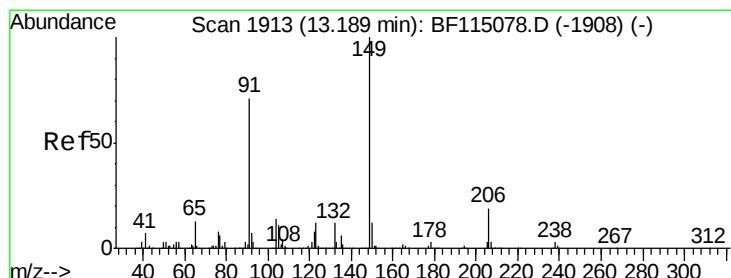
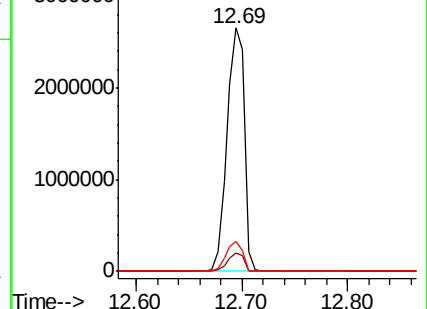
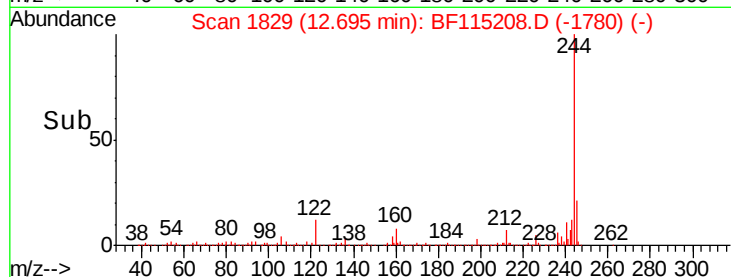
122 12.5 10.4 15.6



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: 45.127 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

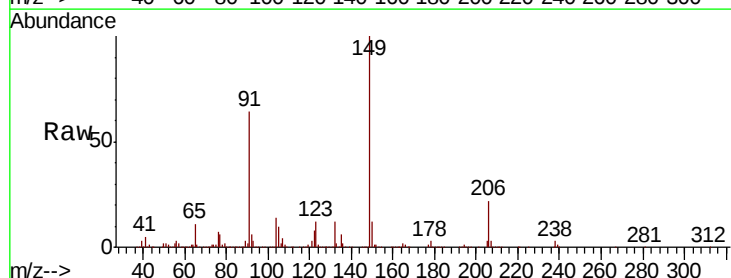
Tgt Ion:149 Resp: 1184913

Ion Ratio Lower Upper

149 100

91 63.9 56.5 84.7

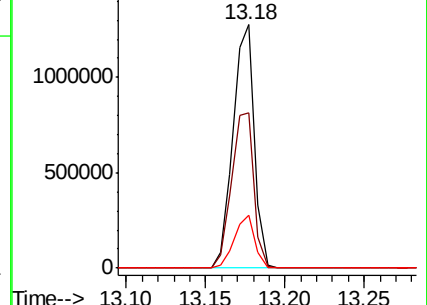
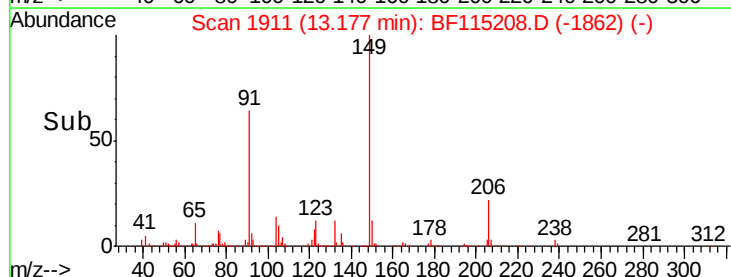
206 21.6 15.3 22.9

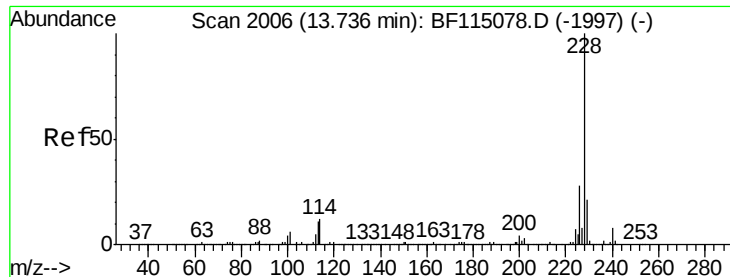


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

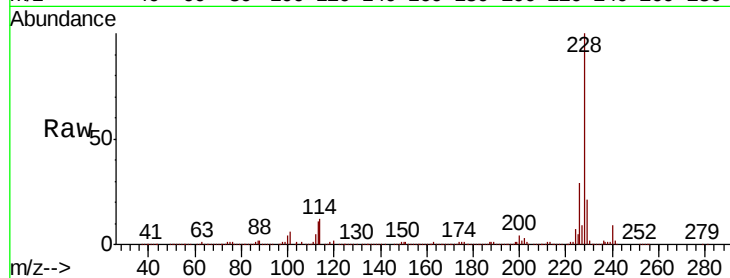




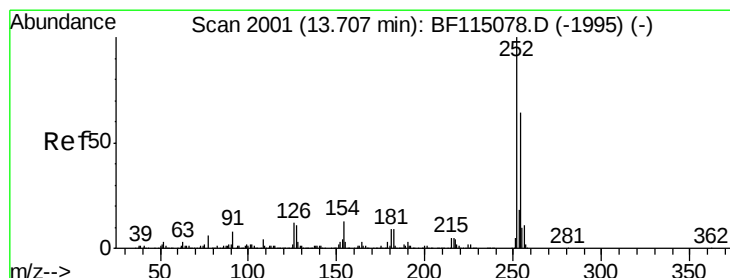
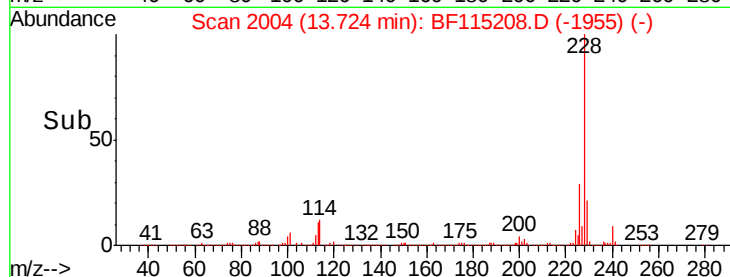
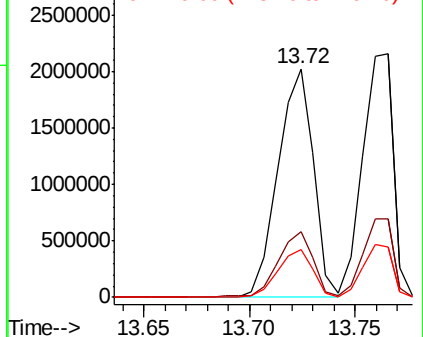
#81
Benzo(a)anthracene
Concen: 42.615 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 2367380
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.1 16.6 24.8

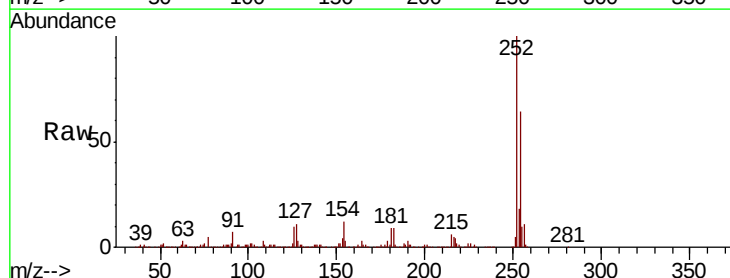


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

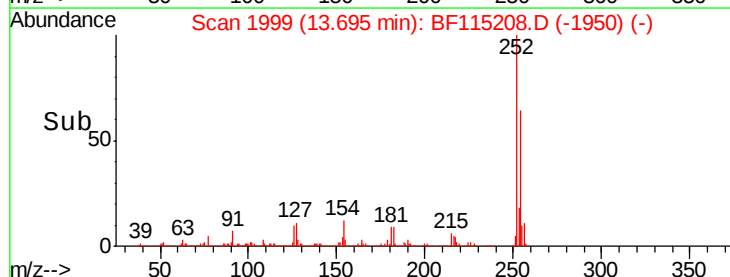
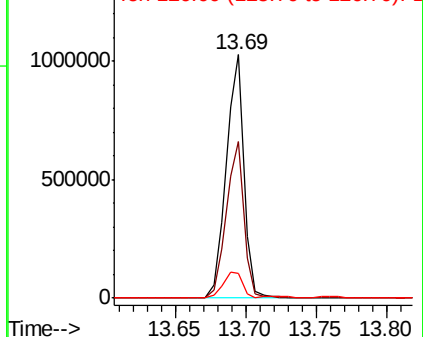


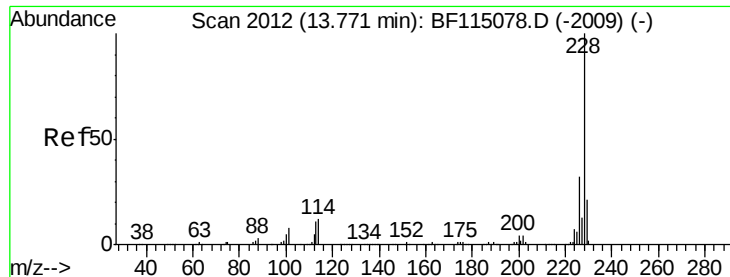
#82
3,3'-Dichlorobenzidine
Concen: 44.743 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:252 Resp: 897586
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 10.3 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

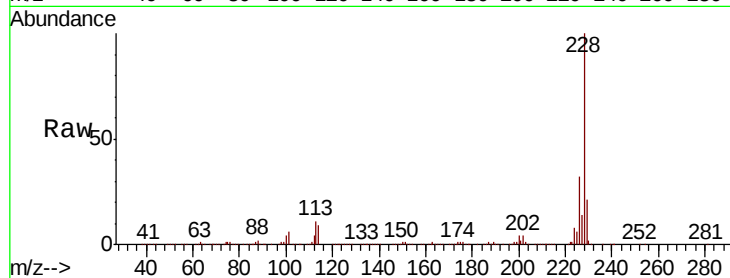




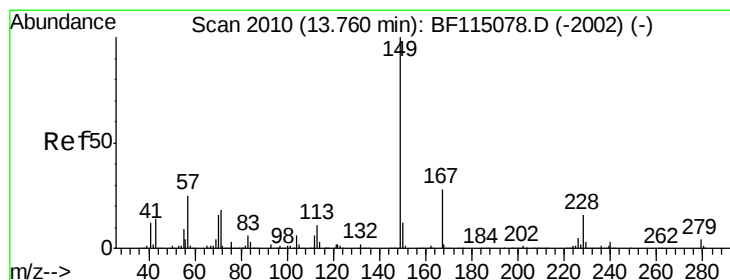
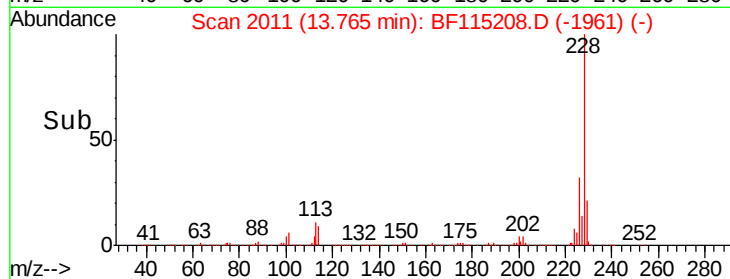
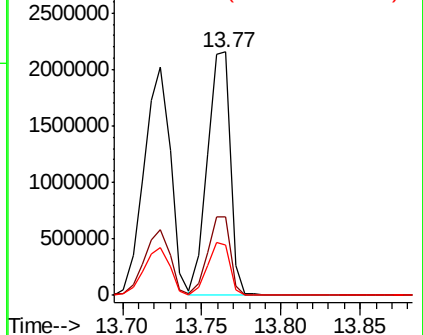
#83
 Chrvsene
 Concen: 43.061 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 2191242
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.8 16.5 24.7

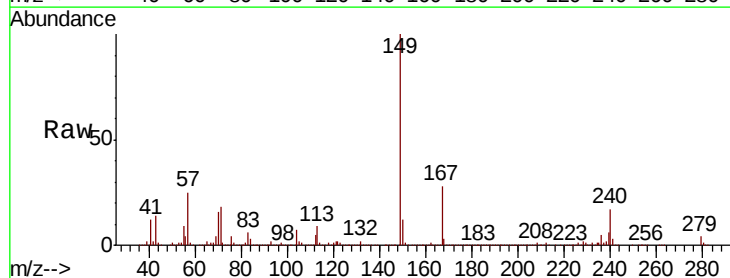


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

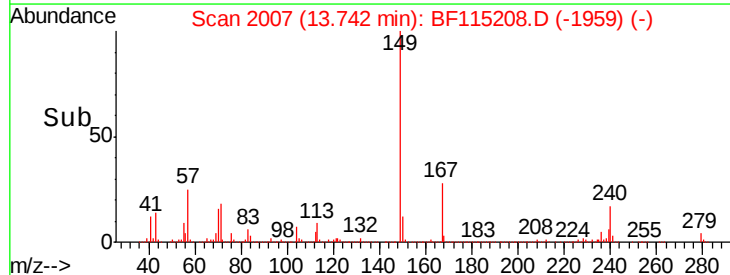
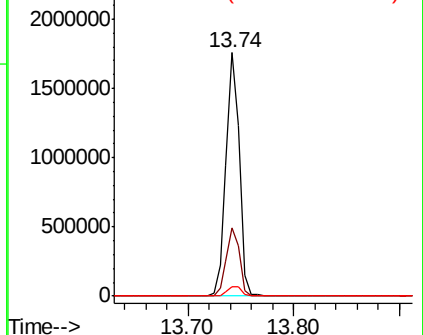


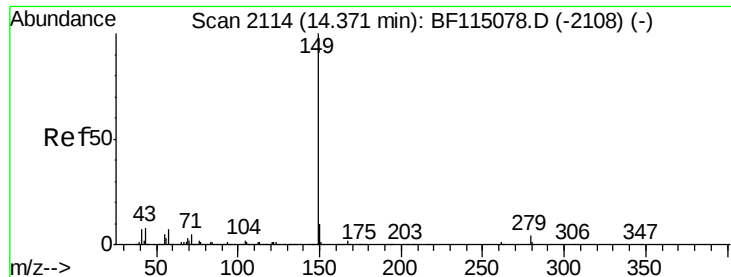
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.942 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF115208.D
 Acq: 26 Jun 2019 8:21

Tgt Ion:149 Resp: 1546254
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 4.0 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: 45.754 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

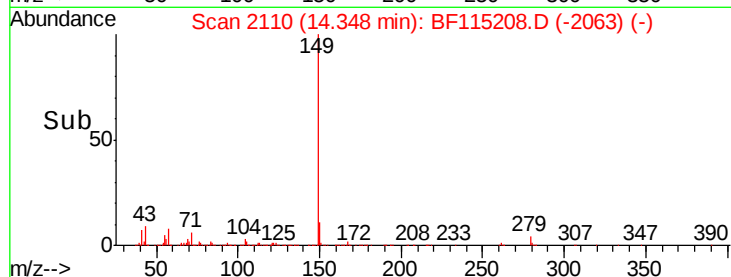
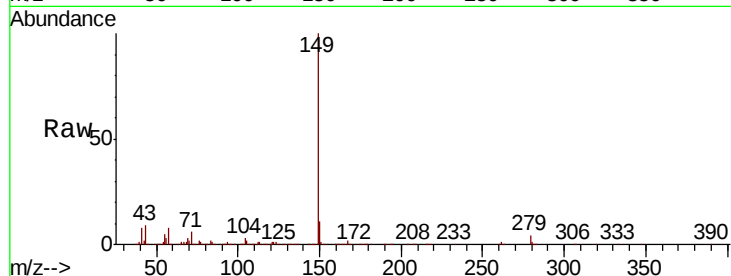
Tot Ion:149 Resp: 2644875

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

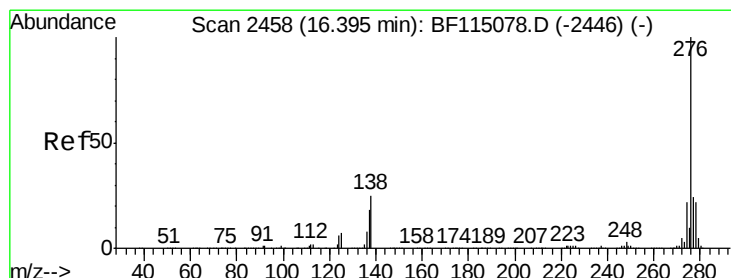
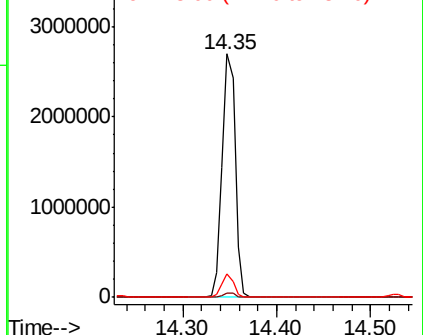
43 8.7 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.584 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

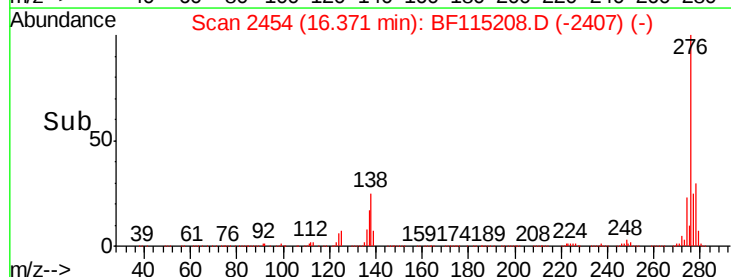
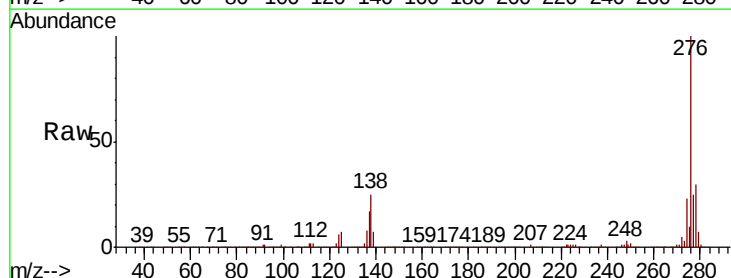
Tgt Ion:276 Resp: 2865235

Ion Ratio Lower Upper

276 100

138 27.7 23.2 34.8

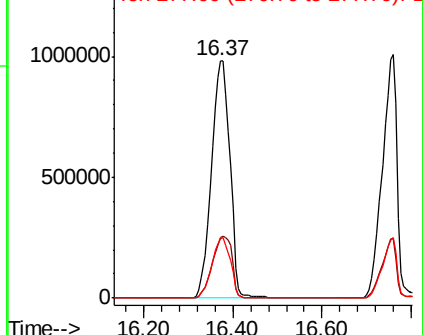
277 25.5 20.1 30.1

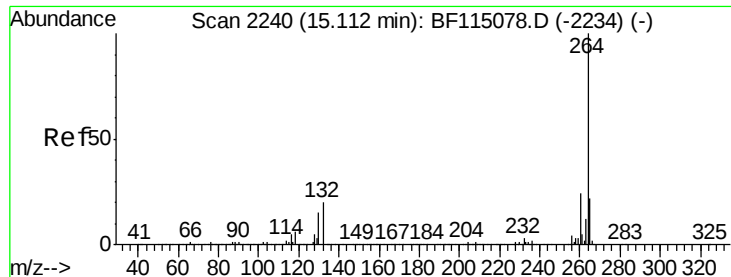


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

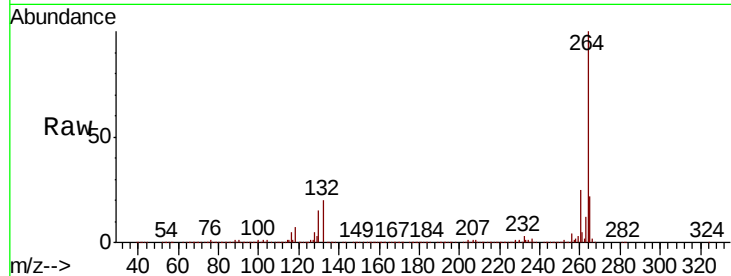




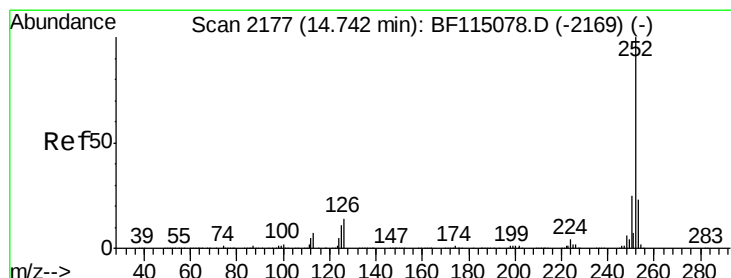
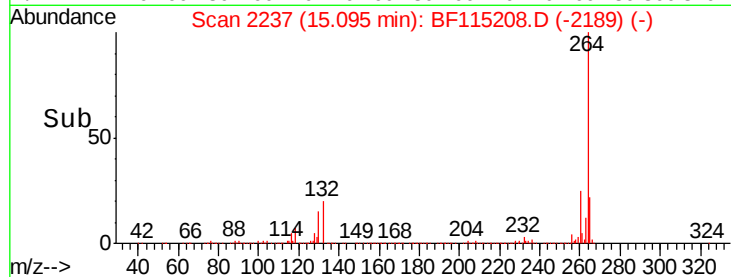
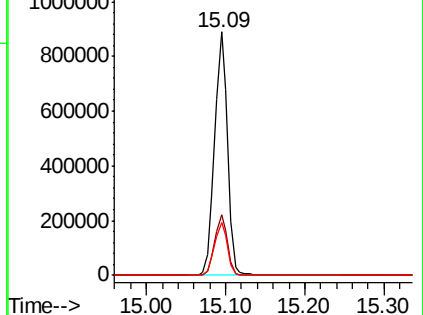
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1004348
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 21.9 17.3 25.9

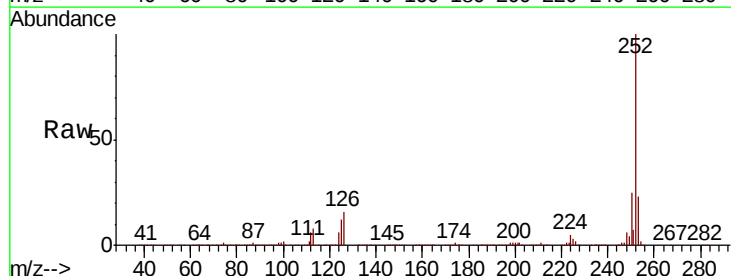


Abundance Ion 264.00 (263.70 to 264.70): E
1200000 Ion 260.00 (259.70 to 260.70): E
1000000 Ion 265.00 (264.70 to 265.70): E
800000
600000
400000
200000
0

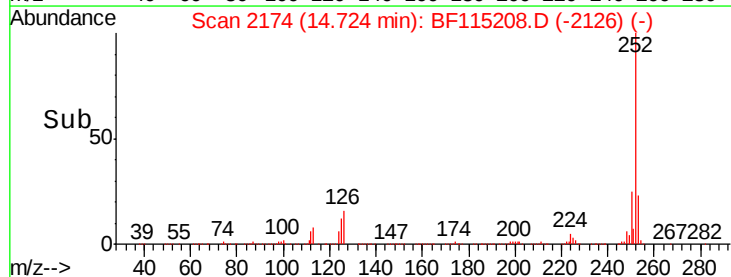
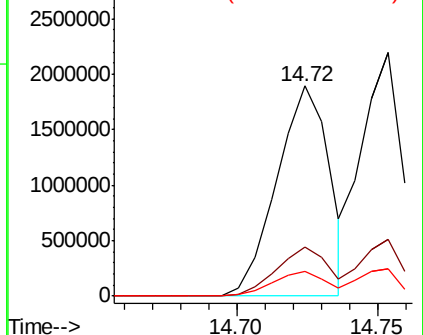


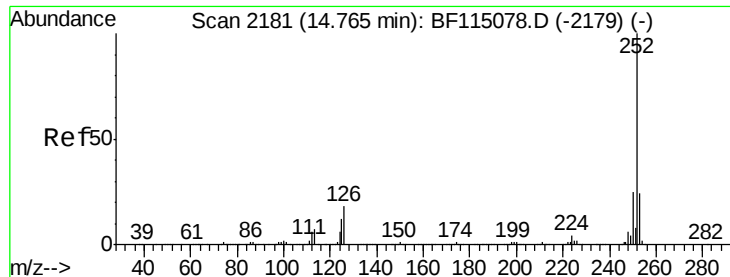
#88
Benzo(b)fluoranthene
Concen: 39.078 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:252 Resp: 2448984
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.8 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
3000000 Ion 253.00 (252.70 to 253.70): E
2500000 Ion 125.00 (124.70 to 125.70): E
2000000
1500000
1000000
500000
0

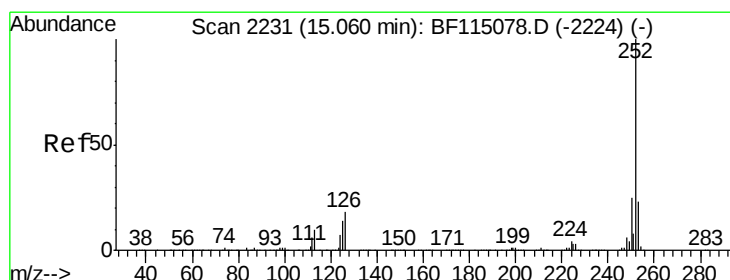
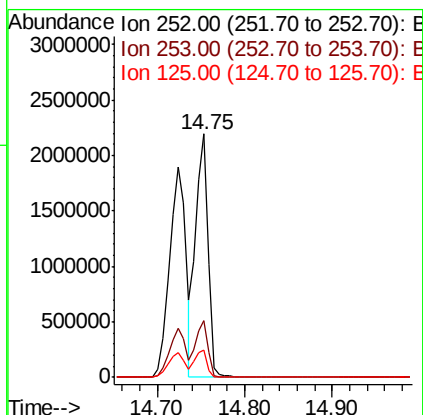
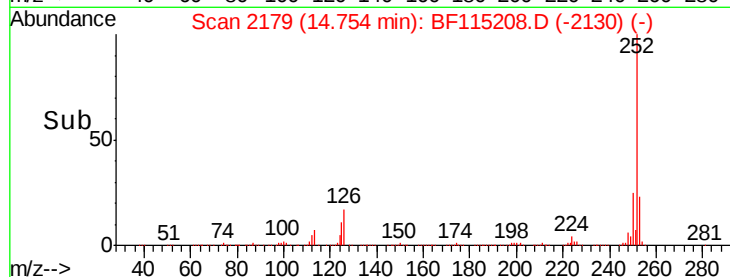
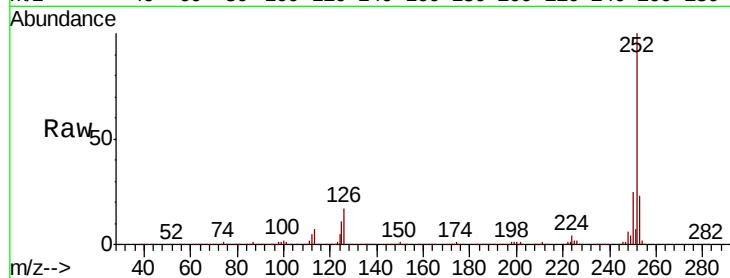




#89
Benzo(k)fluoranthene
Concen: 39.059 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

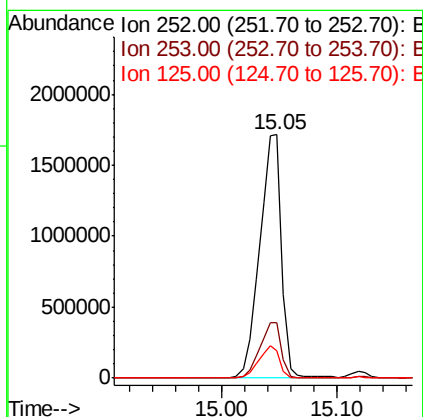
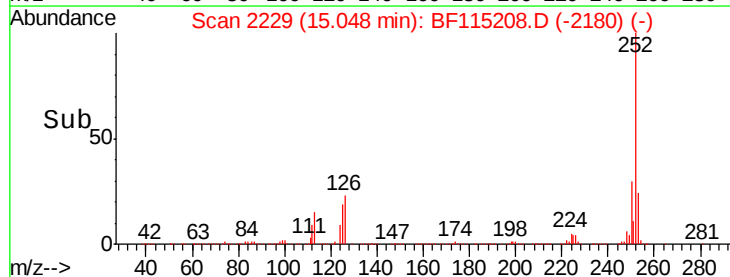
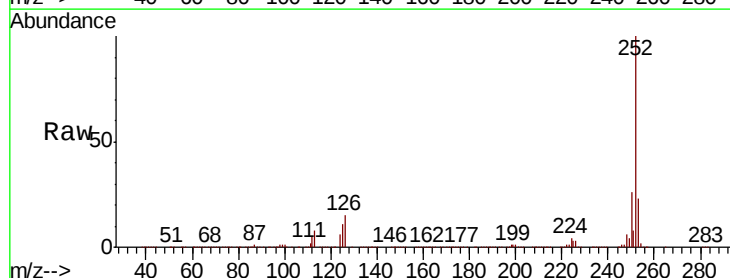
Instrument :
BNA_F
ClientSampled :

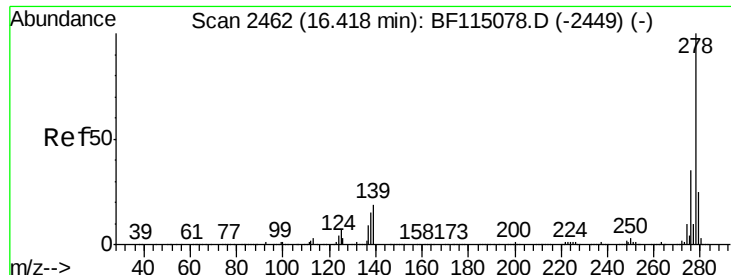
Tot Ion:252 Resp: 2195113
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 40.258 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115208.D
Acq: 26 Jun 2019 8:21

Tgt Ion:252 Resp: 2273914
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 11.4 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.013 ng

RT: 16.39 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

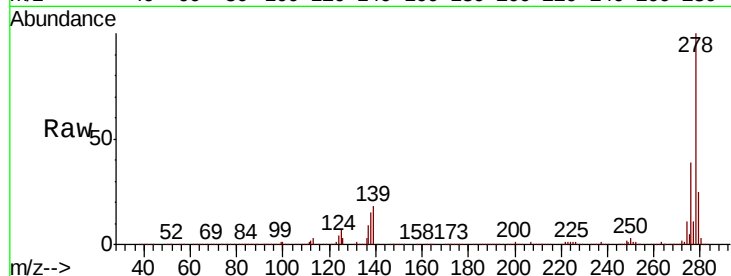
Tot Ion:278 Resp: 2268113

Ion Ratio Lower Upper

278 100

139 18.4 15.4 23.2

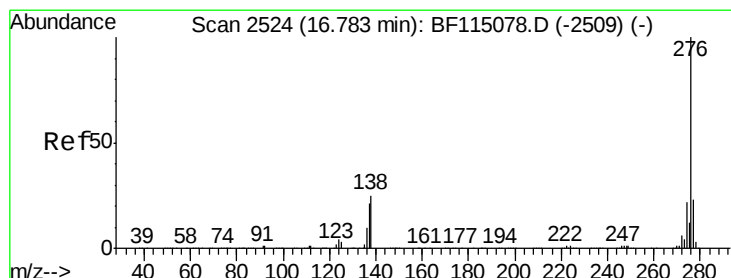
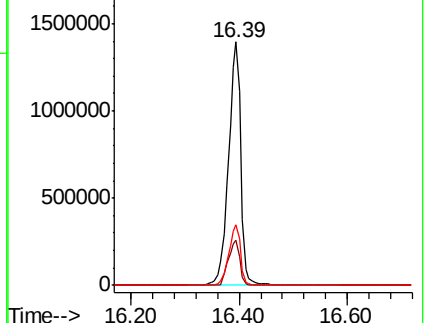
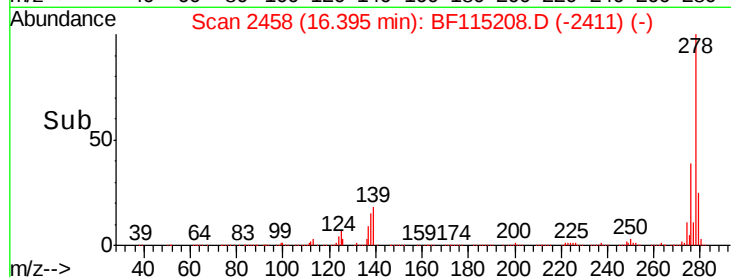
279 24.6 19.9 29.9



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: 44.142 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115208.D

Acq: 26 Jun 2019 8:21

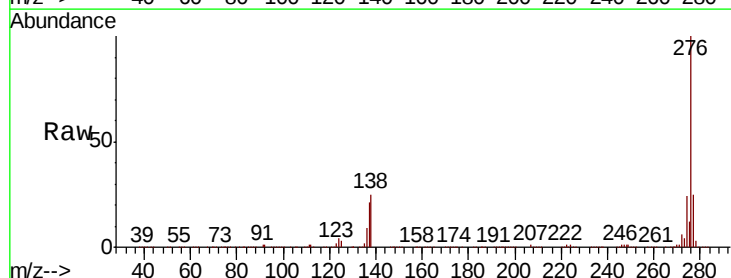
Tgt Ion:276 Resp: 2355869

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 24.5 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

