

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115225.D
 Acq On : 26 Jun 2019 18:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 01:31:26 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	299470	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1239661	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	630161	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1237573	20.00	ng	0.00
76) Chrysene-d12	13.79	240	864085	20.00	ng	0.04
87) Perylene-d12	15.27	264	1069842	20.00	ng	0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1515668	78.10	ng	0.00
7) Phenol-d6	6.26	99	1843059	78.25	ng	0.00
23) Nitrobenzene-d5	7.18	82	1680393	83.39	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	573592	86.32	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2876519	77.54	ng	0.00
79) Terphenyl-d14	12.71	244	3281557	80.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	354978	38.759	ng	98
3) Pyridine	2.85	79	1005261	38.943	ng	98
4) n-Nitrosodimethylamine	2.80	42	379897	37.540	ng	96
6) Aniline	6.28	93	1247639	38.540	ng	# 82
8) 2-Chlorophenol	6.40	128	889739	40.774	ng	99
9) Benzaldehyde	6.16	77	599343	39.002	ng	96
10) Phenol	6.27	94	1035282	37.523	ng	87
11) bis(2-Chloroethyl)ether	6.36	93	816872	40.164	ng	98
12) 1,3-Dichlorobenzene	6.55	146	979182	40.433	ng	99
13) 1,4-Dichlorobenzene	6.63	146	984390	40.535	ng	99
14) 1,2-Dichlorobenzene	6.79	146	908699	40.406	ng	97
15) Benzyl Alcohol	6.77	79	679010	39.589	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1178389	39.948	ng	97
17) 2-Methylphenol	6.88	107	745847	41.409	ng	99
18) Hexachloroethane	7.13	117	359143	41.021	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	590656	39.169	ng	98
20) 3+4-Methylphenols	7.04	107	825403	39.687	ng	# 88
22) Acetophenone	7.03	105	1143643	40.298	ng	# 98
24) Nitrobenzene	7.20	77	915614	41.242	ng	96
25) Isophorone	7.44	82	1670648	40.469	ng	100
26) 2-Nitrophenol	7.51	139	518082	47.254	ng	97
27) 2,4-Dimethylphenol	7.56	122	749556	41.755	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	1062310	40.714	ng	98
29) 2,4-Dichlorophenol	7.76	162	784929	42.371	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	864616	42.253	ng	99
31) Naphthalene	7.92	128	2452593	40.304	ng	99
32) Benzoic acid	7.70	122	541087	42.227	ng	99
33) 4-Chloroaniline	7.97	127	1151612	41.409	ng	98
34) Hexachlorobutadiene	8.05	225	481717	42.958	ng	100
35) Caprolactam	8.35	113	264082	42.400	ng	99
36) 4-Chloro-3-methylphenol	8.46	107	792462	42.240	ng	96
37) 2-Methylnaphthalene	8.61	142	1662126	40.510	ng	98
38) 1-Methylnaphthalene	8.71	142	1596055	40.730	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	735713	41.315	ng	100

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 Misc :
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Instrument :
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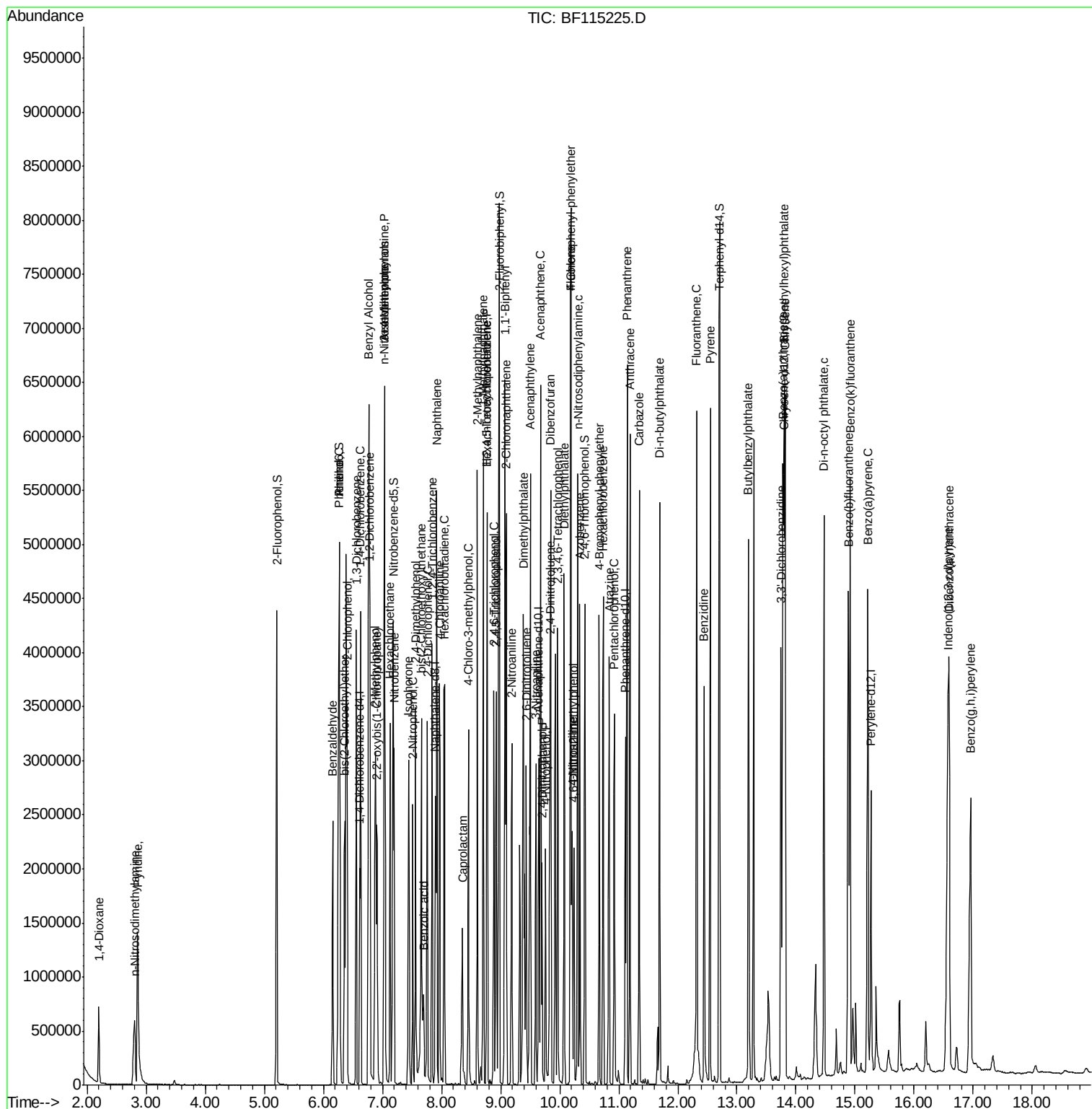
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	426761	40.417	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	571837	41.595	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	608477	42.979	ng	100
46) 1,1'-Biphenyl	9.07	154	1930194	38.281	ng	98
47) 2-Chloronaphthalene	9.10	162	1615402	39.496	ng	98
48) 2-Nitroaniline	9.19	65	514010	43.107	ng	93
49) Acenaphthylene	9.51	152	2493716	39.133	ng	98
50) Dimethylphthalate	9.38	163	1901641	41.017	ng	100
51) 2,6-Dinitrotoluene	9.44	165	461592	43.125	ng	91
52) Acenaphthene	9.68	154	1621815	40.673	ng	99
53) 3-Nitroaniline	9.60	138	554876	42.480	ng	96
54) 2,4-Dinitrophenol	9.70	184	272530	52.283	ng	97
55) Dibenzofuran	9.85	168	2174019	37.987	ng	97
56) 4-Nitrophenol	9.76	139	446592	42.647	ng	97
57) 2,4-Dinitrotoluene	9.84	165	610628	44.182	ng	97
58) Fluorene	10.19	166	1510023	38.708	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	509961	42.957	ng	98
60) Diethylphthalate	10.08	149	1892142	40.601	ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	748166	40.662	ng	97
62) 4-Nitroaniline	10.21	138	560908	42.805	ng	99
63) Azobenzene	10.34	77	1707684	39.231	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	327609	49.570	ng	96
66) n-Nitrosodiphenylamine	10.31	169	1539398	39.926	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	558370	41.614	ng	96
68) Hexachlorobenzene	10.74	284	613171	42.101	ng	99
69) Atrazine	10.84	200	522415	42.121	ng	99
70) Pentachlorophenol	10.92	266	419893	45.255	ng	98
71) Phenanthrene	11.14	178	2478078	37.190	ng	99
72) Anthracene	11.20	178	2524685	37.536	ng	98
73) Carbazole	11.35	167	2365011	39.376	ng	98
74) Di-n-butylphthalate	11.70	149	2785090	40.128	ng	98
75) Fluoranthene	12.32	202	2592061	38.989	ng	99
77) Benzidine	12.44	184	1496128	38.993	ng	98
78) Pyrene	12.55	202	2663603	40.111	ng	98
80) Butylbenzylphthalate	13.20	149	1296656	44.246	ng	98
81) Benzo(a)anthracene	13.78	228	2579957	41.612	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	965028	43.102	ng	98
83) Chrysene	13.82	228	2349439	41.368	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	1697804	44.214	ng	99
85) Di-n-octyl phthalate	14.48	149	2921429	45.281	ng	100
86) Indeno(1,2,3-cd)pyrene	16.57	276	2869892	42.704	ng	98
88) Benzo(b)fluoranthene	14.89	252	2682423	40.183	ng	99
89) Benzo(k)fluoranthene	14.92	252	2291895	38.284	ng	99
90) Benzo(a)pyrene	15.22	252	2421899	40.253	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	2313989	41.196	ng	98
92) Benzo(g,h,i)perylene	16.96	276	2323138	40.864	ng	99

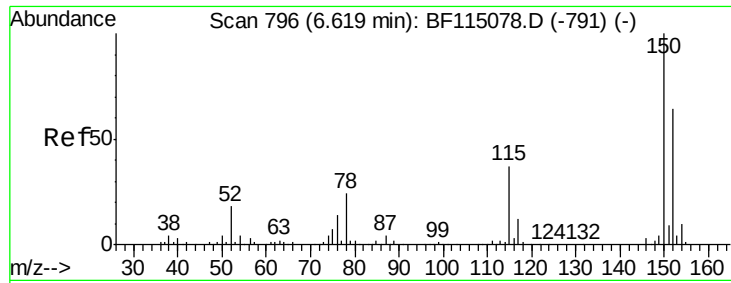
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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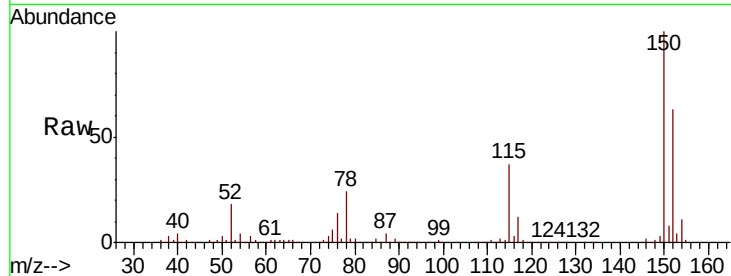


#1

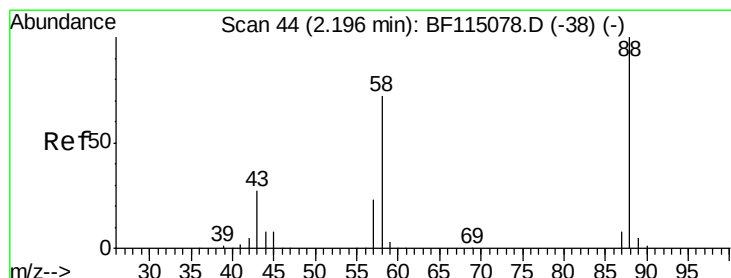
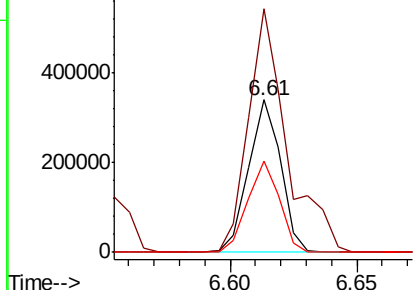
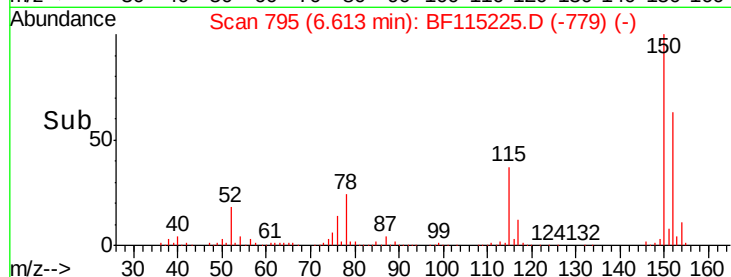
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 299470
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 59.8 46.1 69.1



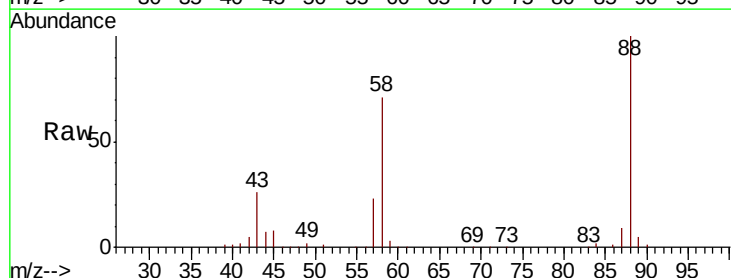
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



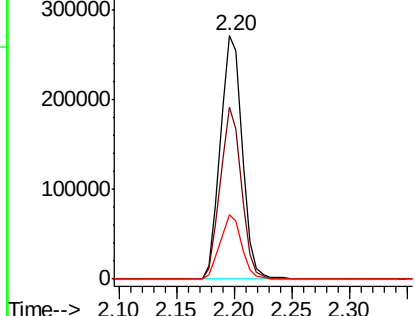
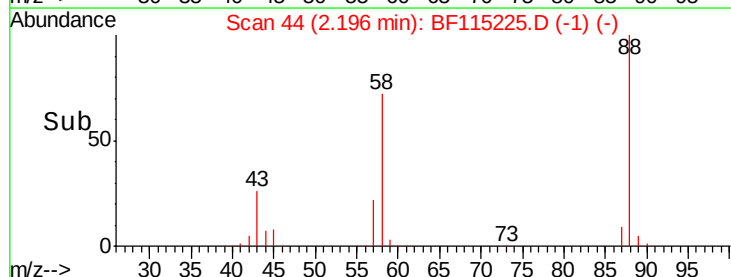
#2

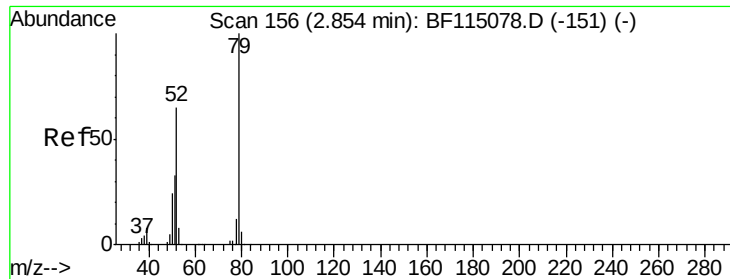
1,4-Dioxane
Concen: 38.759 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion: 88 Resp: 354978
Ion Ratio Lower Upper
88 100
58 68.6 56.1 84.1
43 25.6 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: 38.943 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampleId :

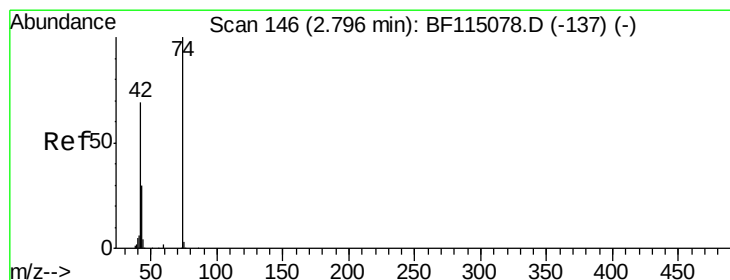
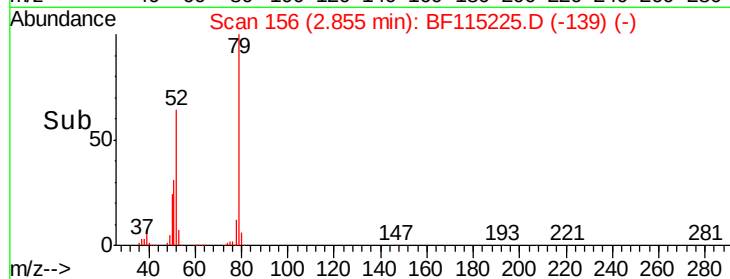
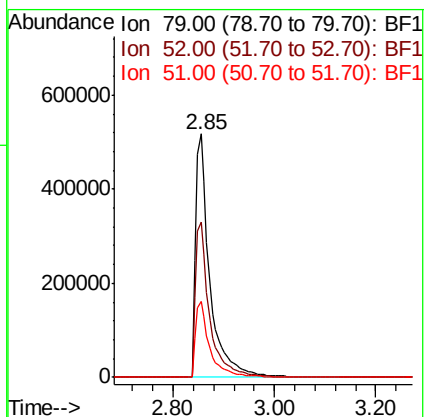
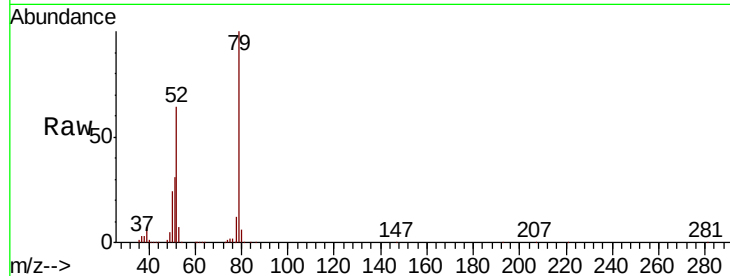
Tot Ion: 79 Resp: 1005261

Ion Ratio Lower Upper

79 100

52 63.7 52.3 78.5

51 31.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 37.540 ng

RT: 2.80 min Scan# 147

Delta R.T. 0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

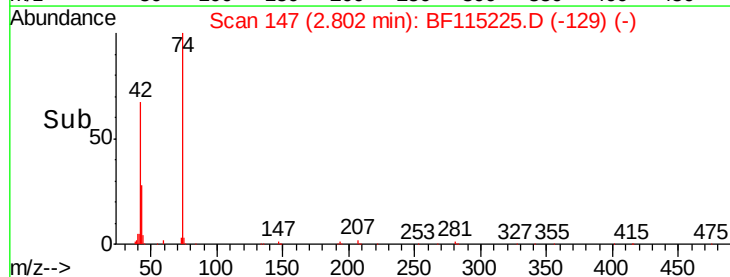
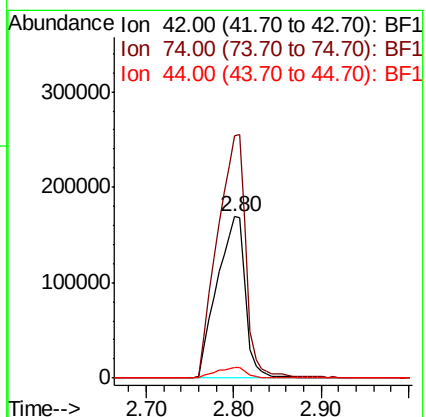
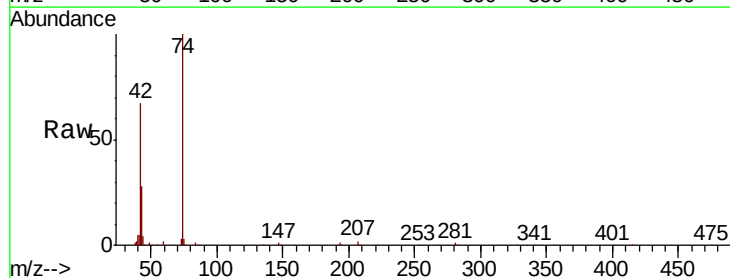
Tgt Ion: 42 Resp: 379897

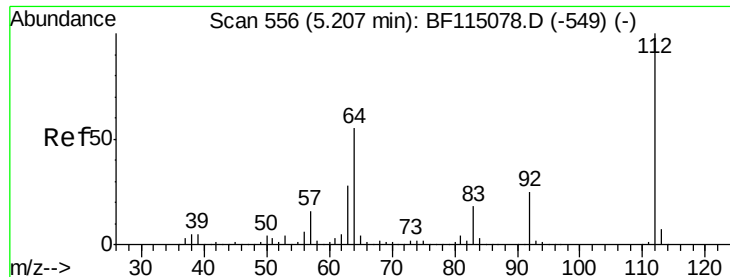
Ion Ratio Lower Upper

42 100

74 150.4 116.6 175.0

44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 78.102 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

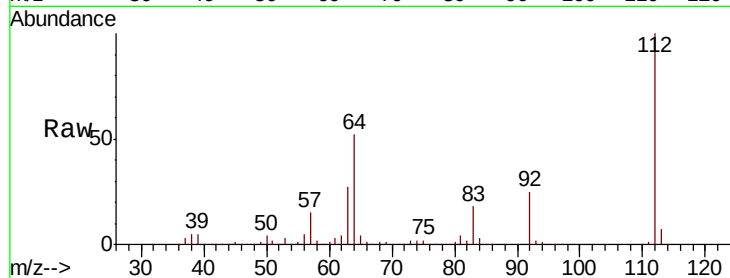
Tot Ion: 112 Resp: 1515668

Ion Ratio Lower Upper

112 100

64 52.3 43.8 65.6

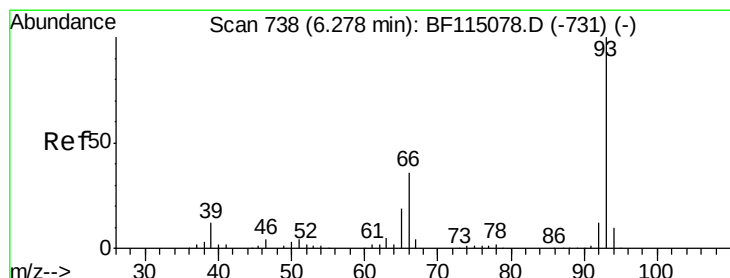
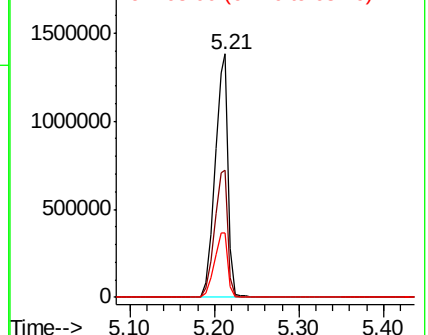
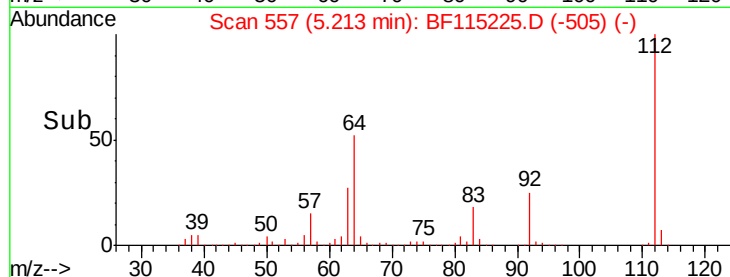
63 26.6 22.2 33.4



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: 38.540 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

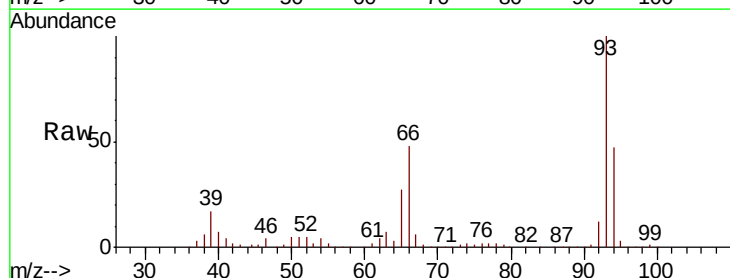
Tgt Ion: 93 Resp: 1247639

Ion Ratio Lower Upper

93 100

66 48.4 30.0 45.0#

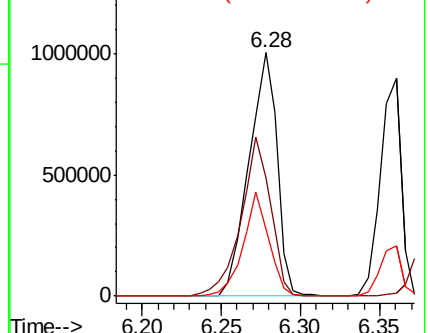
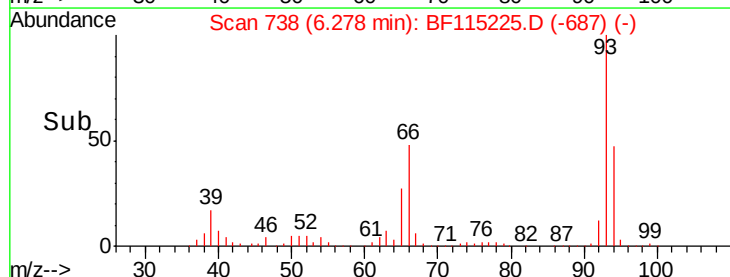
65 27.4 15.6 23.4#

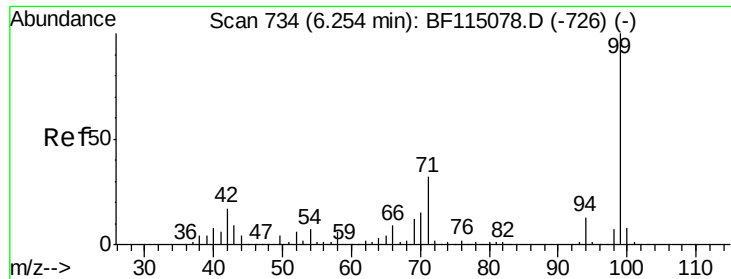


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.247 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

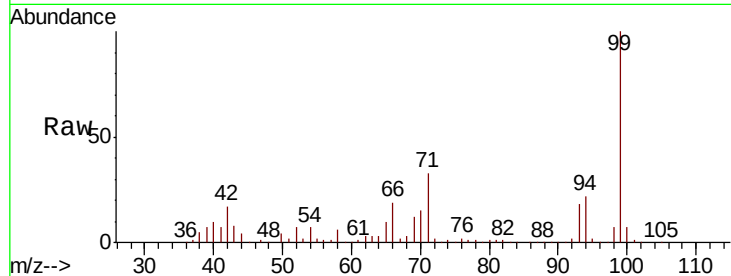
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1843059

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	32.6	25.5	38.3

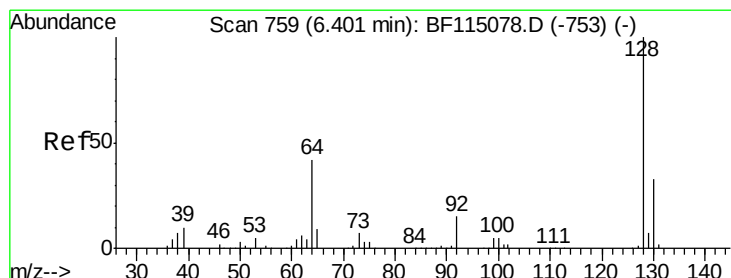
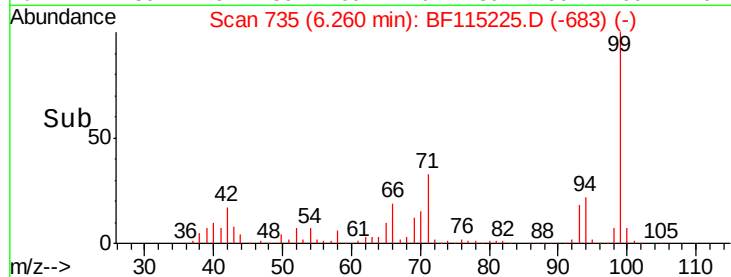


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

Time-->



#8

2-Chlorophenol

Concen: 40.774 ng

RT: 6.40 min Scan# 759

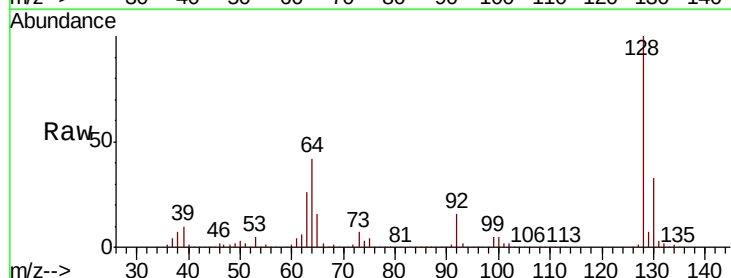
Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Tgt Ion: 128 Resp: 889739

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	41.9	22.9	62.9

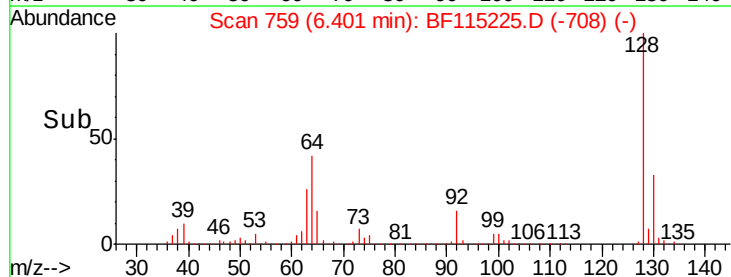


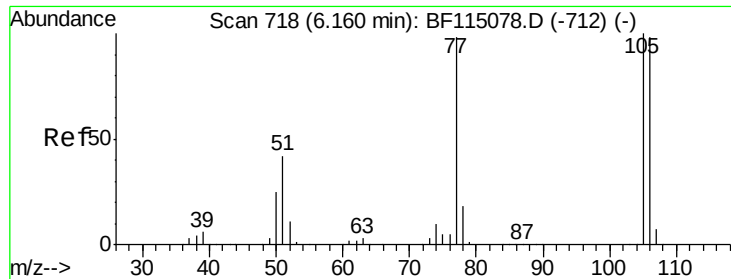
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

Time-->





#9

Benzaldehyde

Concen: 39.002 ng

RT: 6.16 min Scan# 718

Delta R.T. 0.00 min

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Acq: 26 Jun 2019 18:36

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BNA_F

ClientSampleId :

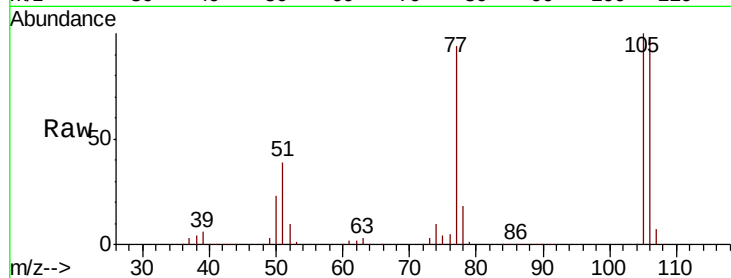
Tot Ion: 77 Resp: 599343

Ion Ratio Lower Upper

77 100

105 106.4 81.5 121.5

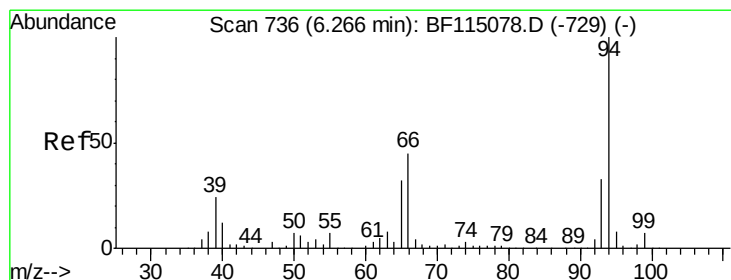
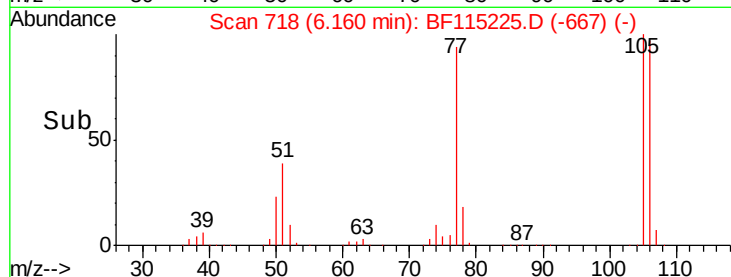
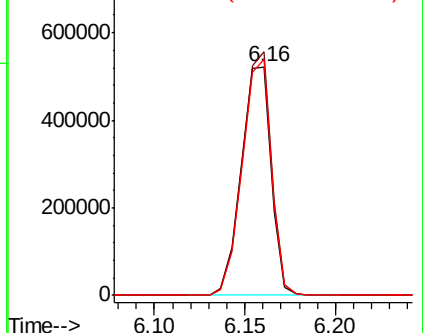
106 103.1 79.7 119.7



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: 37.523 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

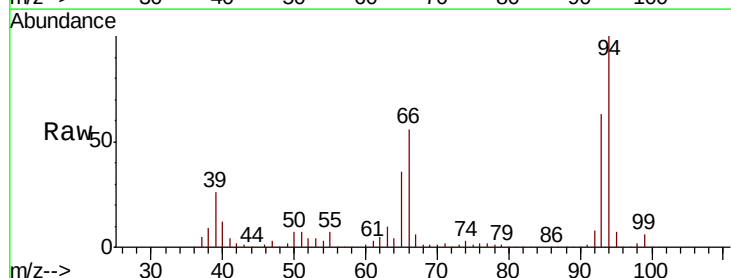
Tgt Ion: 94 Resp: 1035282

Ion Ratio Lower Upper

94 100

65 36.4 11.9 51.9

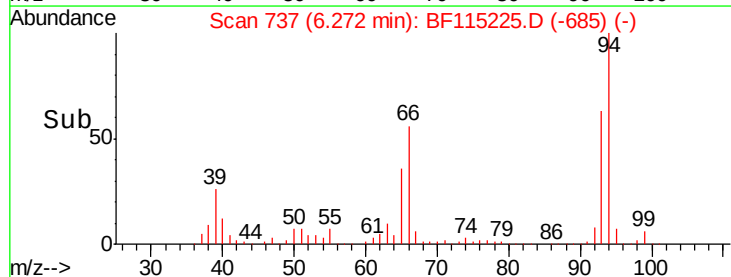
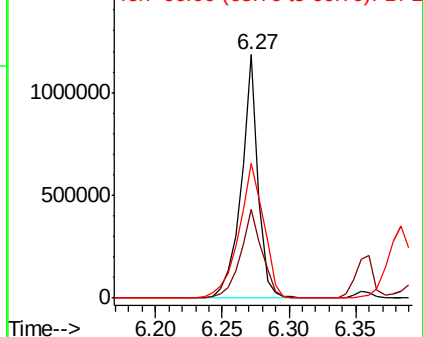
66 55.6 25.2 65.2

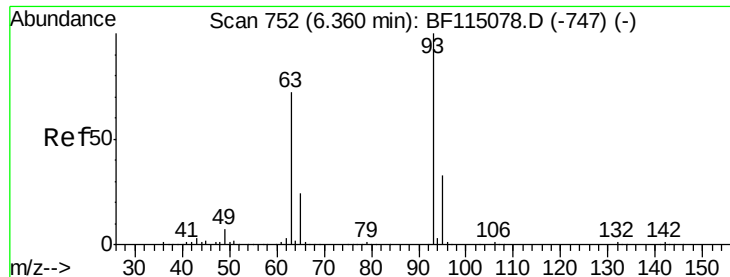


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.164 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

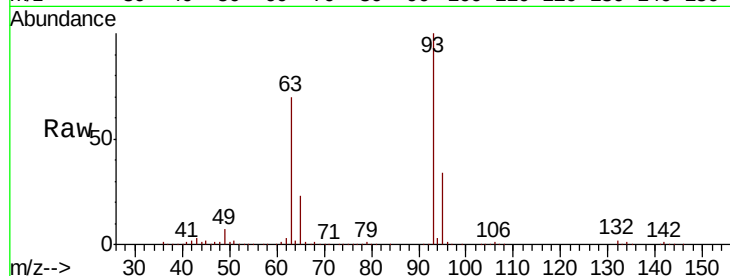
Tot Ion: 93 Resp: 816872

Ion Ratio Lower Upper

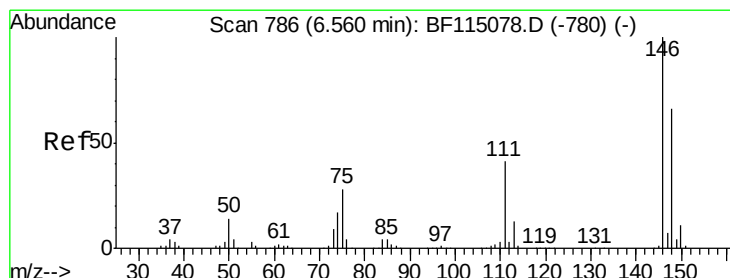
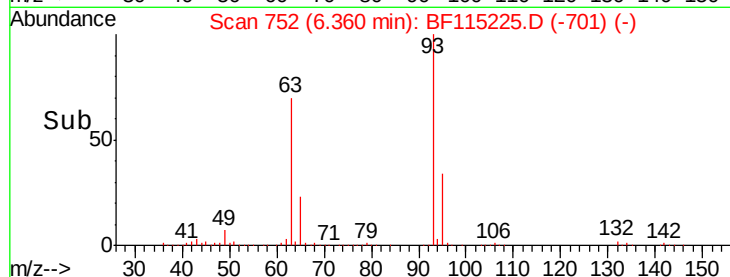
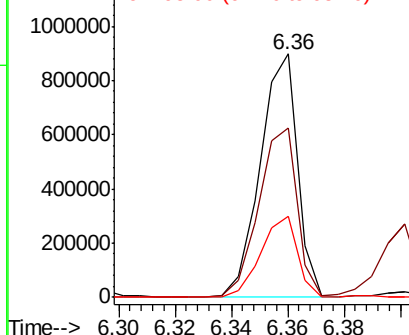
93 100

63 69.6 51.5 91.5

95 33.5 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 40.433 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

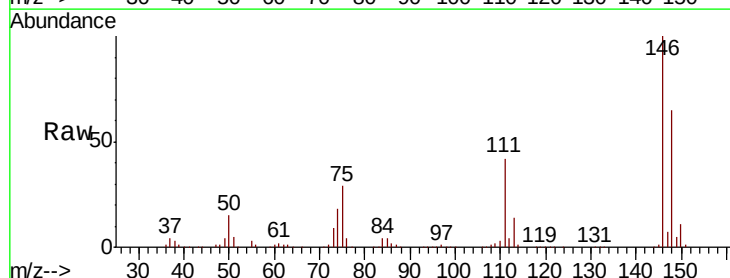
Tgt Ion: 146 Resp: 979182

Ion Ratio Lower Upper

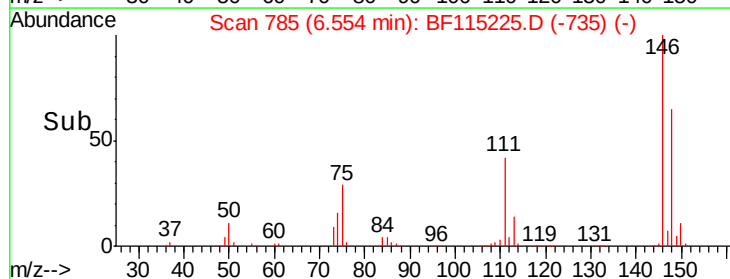
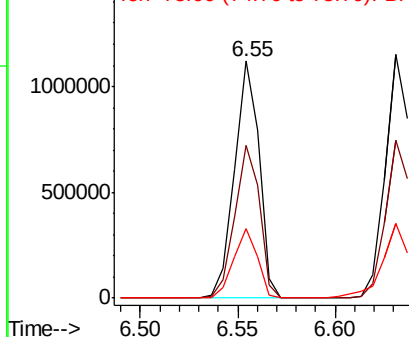
146 100

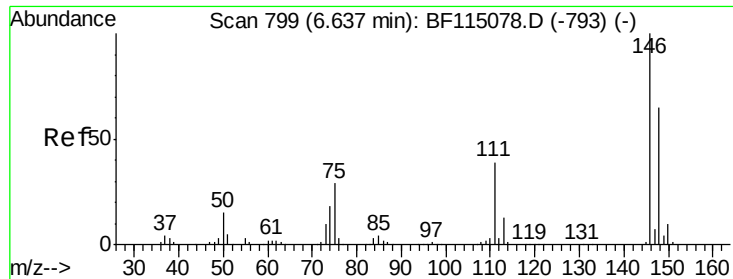
148 64.8 52.6 78.8

75 29.2 22.6 34.0



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

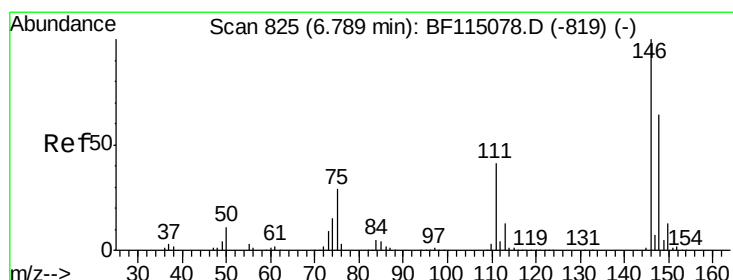
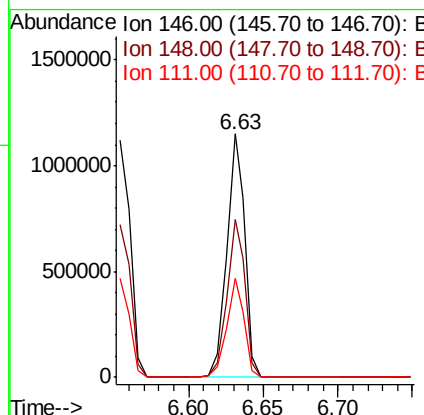
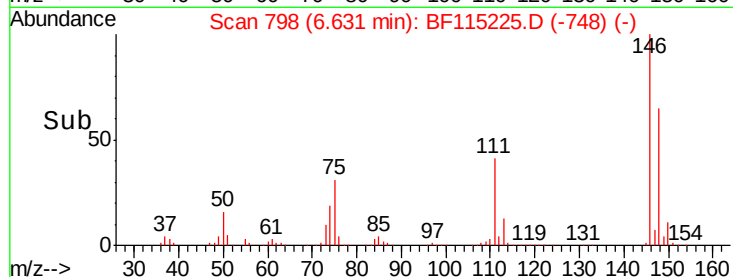
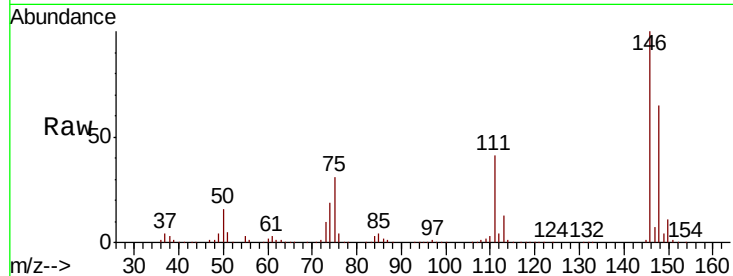




#13
1,4-Dichlorobenzene
Concen: 40.535 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

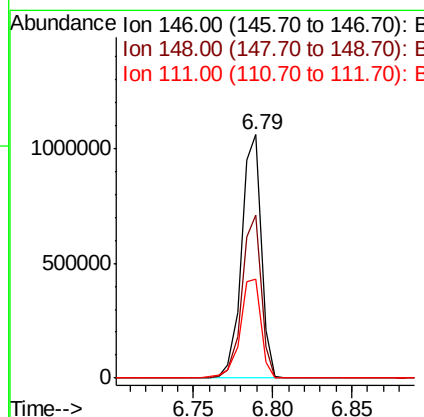
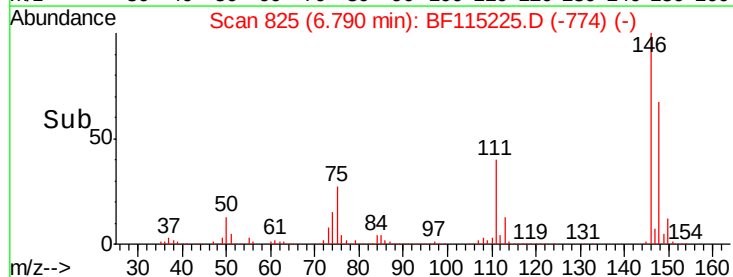
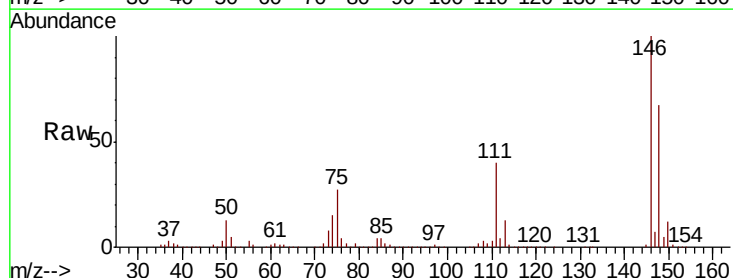
Instrument :
BNA_F
ClientSampleId :

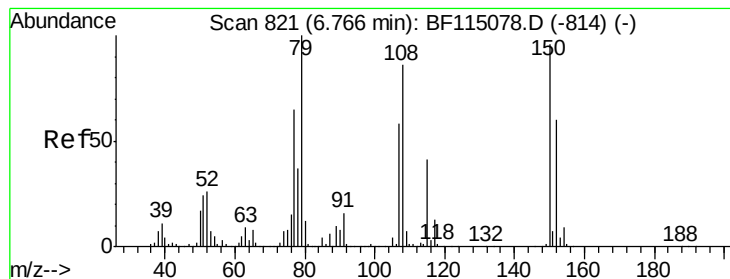
Tot Ion:146 Resp: 984390
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 40.9 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 40.406 ng
RT: 6.79 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:146 Resp: 908699
Ion Ratio Lower Upper
146 100
148 67.1 51.1 76.7
111 40.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.589 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

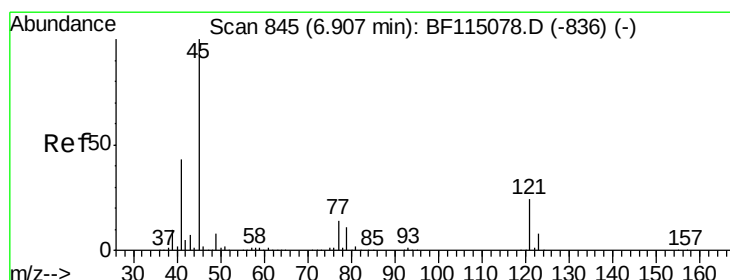
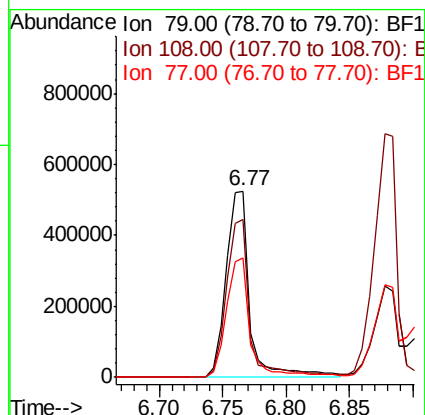
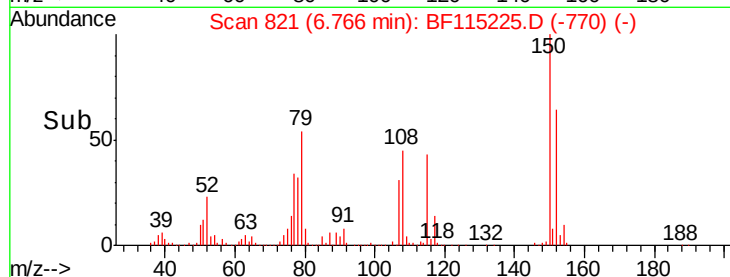
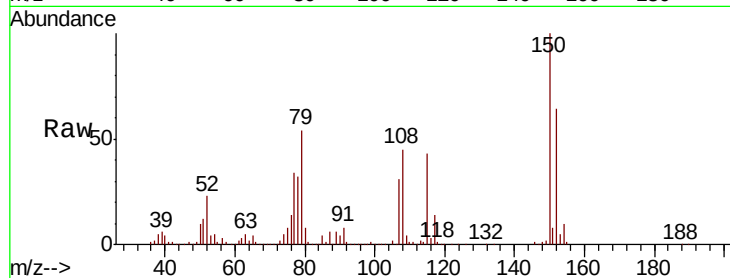
Tot Ion: 79 Resp: 679010

Ion Ratio Lower Upper

79 100

108 84.7 68.7 103.1

77 64.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.948 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

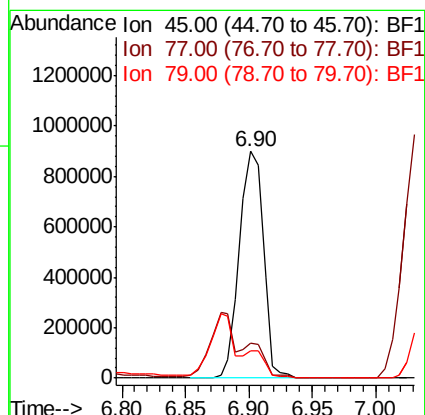
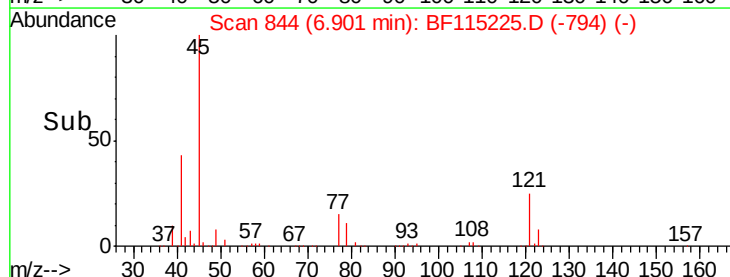
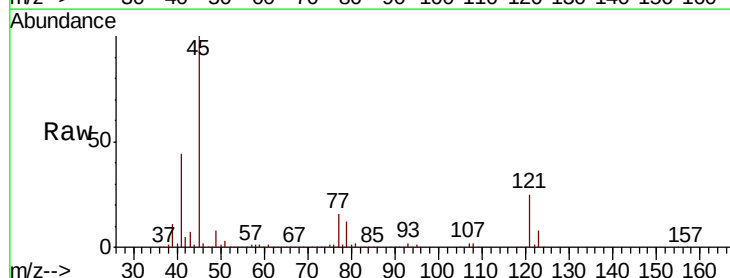
Tgt Ion: 45 Resp: 1178389

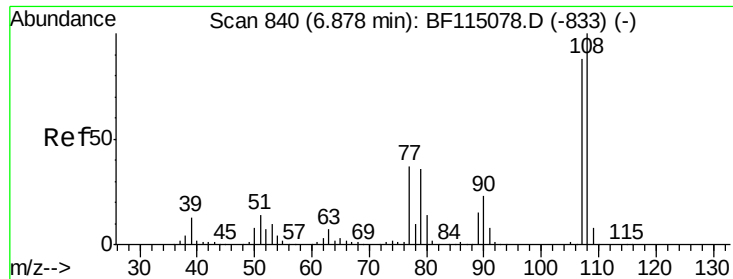
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.6

79 12.2 0.0 31.2

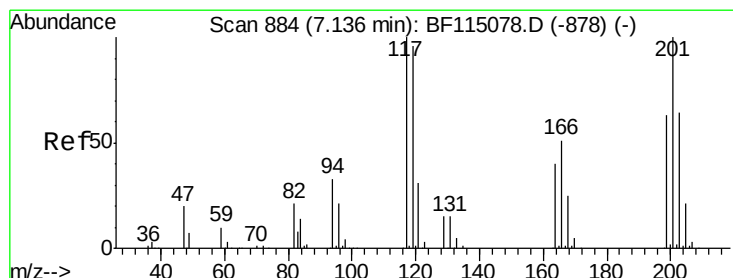
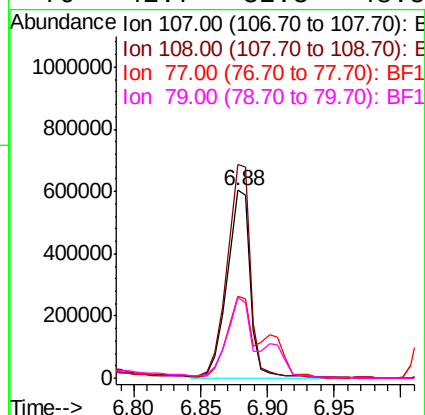
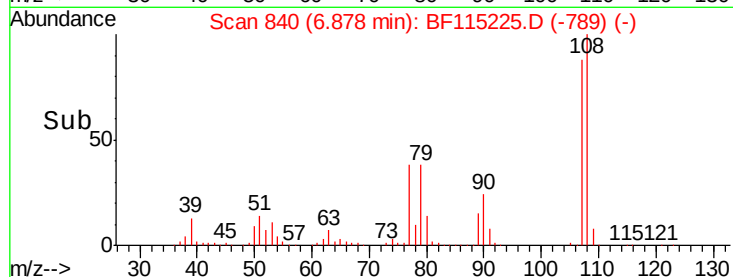
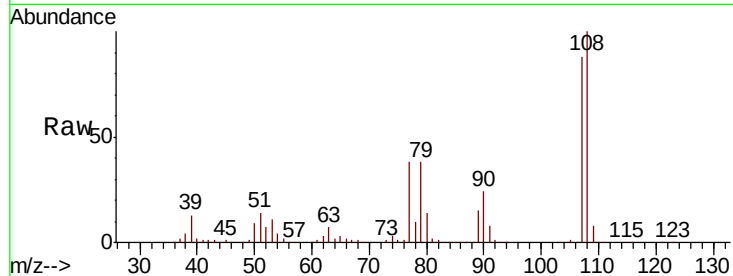




#17
2-Methylphenol
Concen: 41.409 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

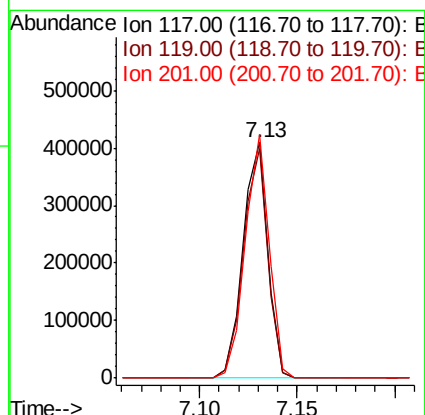
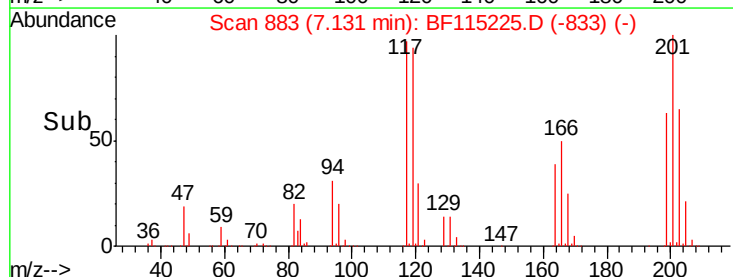
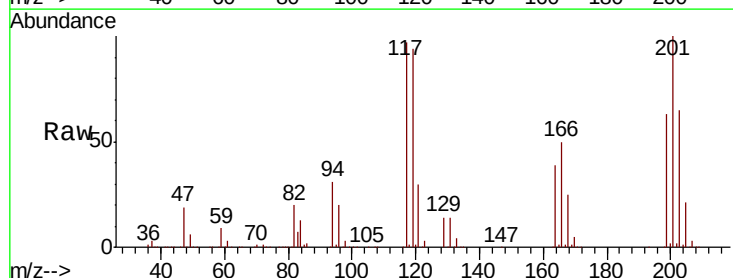
Instrument :
BNA_F
ClientSampleId :

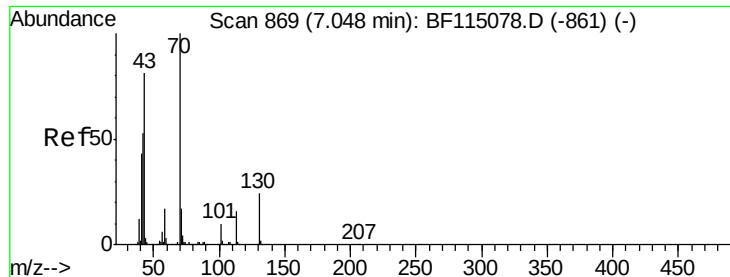
Tot Ion:	107	Resp:	745847
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	43.5	33.4	50.2
79	42.7	32.3	48.5



#18
Hexachloroethane
Concen: 41.021 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:	117	Resp:	359143
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	114.8
201	103.4	80.2	120.2

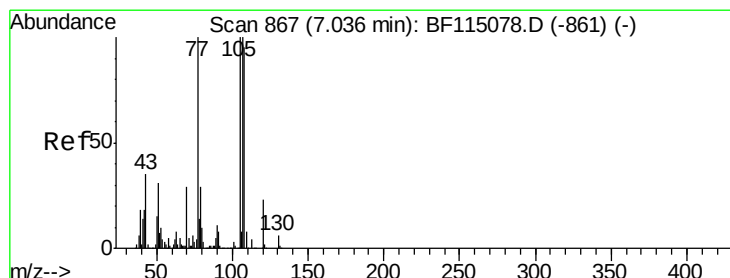
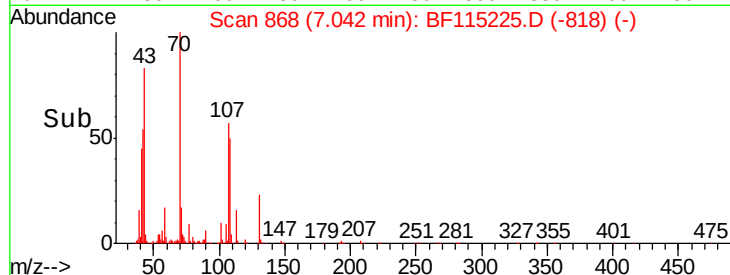
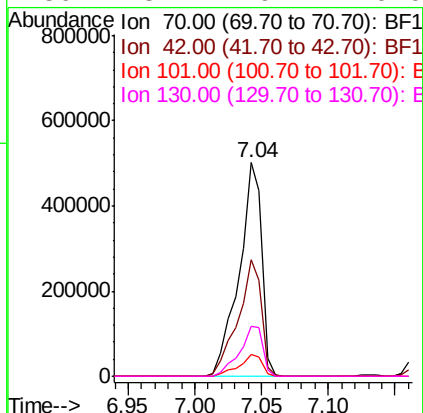
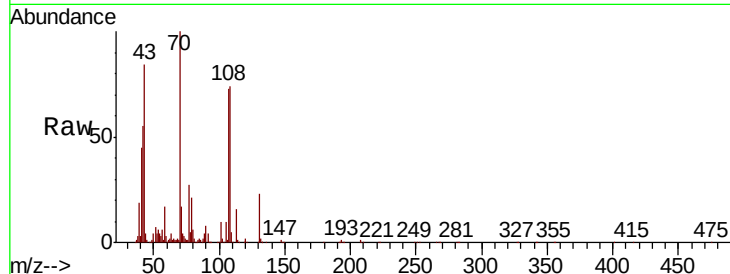




#19
n-Nitroso-di-n-propylamine
Concen: 39.169 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

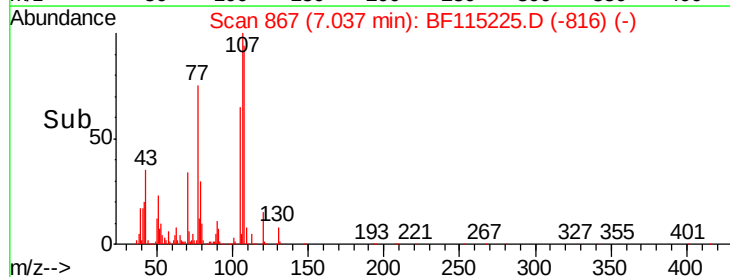
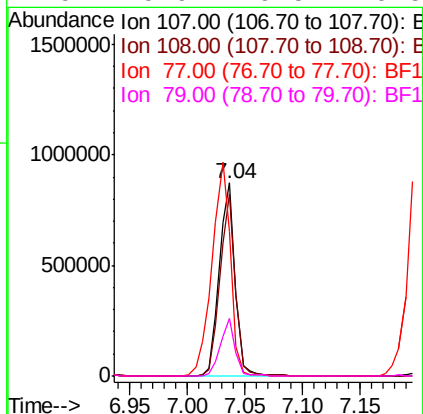
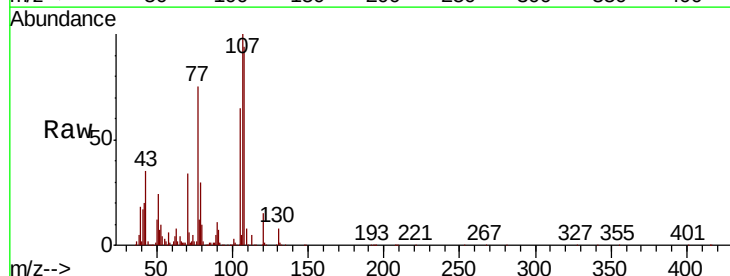
Instrument :
BNA_F
ClientSampleId :

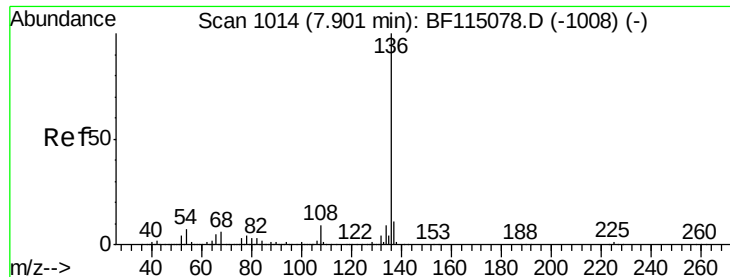
Tot Ion:	70	Resp:	590656
Ion	Ratio	Lower	Upper
70	100		
42	54.5	42.6	63.8
101	10.2	8.0	12.0
130	23.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 39.687 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:	107	Resp:	825403
Ion	Ratio	Lower	Upper
107	100		
108	94.0	75.5	115.5
77	74.9	80.2	120.2#
79	29.9	9.5	49.5

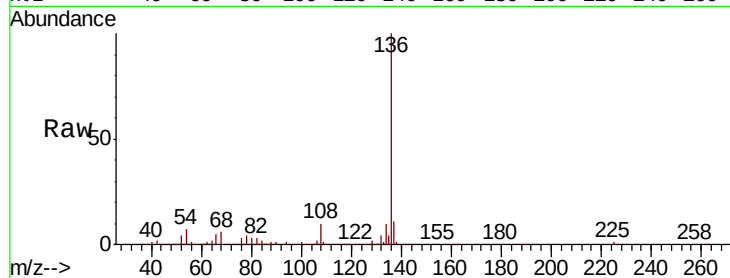




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1239661
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 7.1	5.6 8.4
68 6.1	4.8 7.2



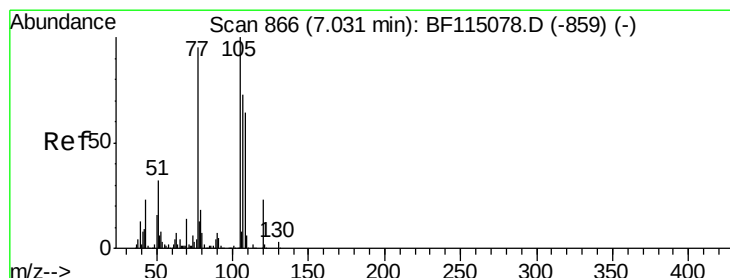
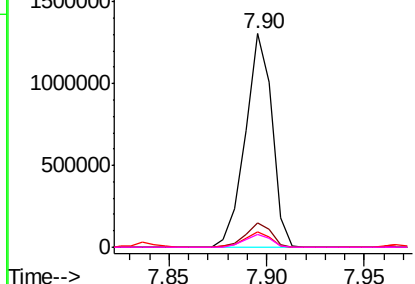
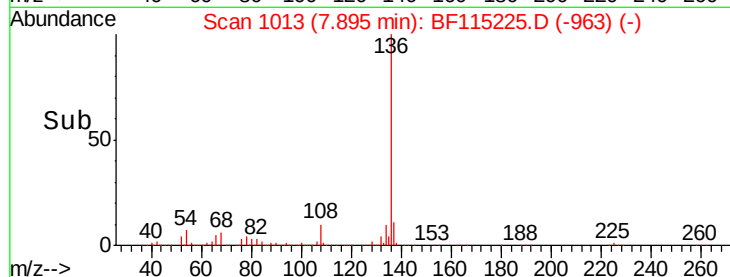
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

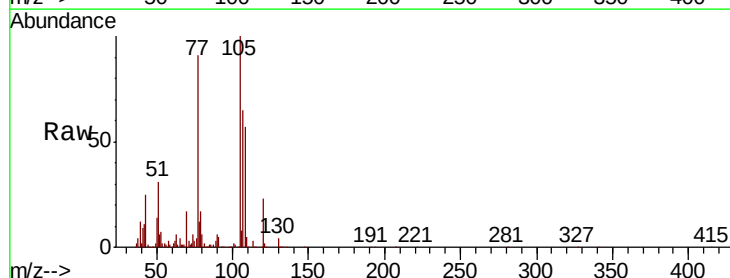
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.298 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt	Ion:105	Resp:	1143643
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	30.8	25.8	38.8
120	23.4	18.5	27.7



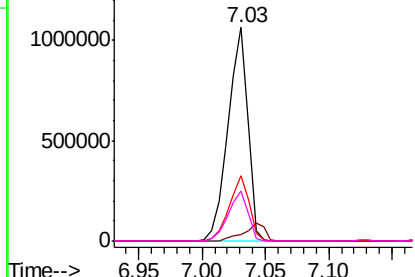
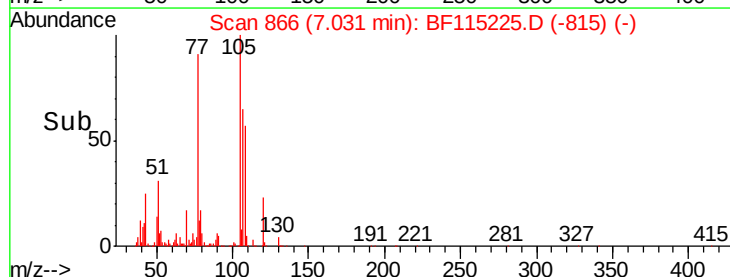
Abundance

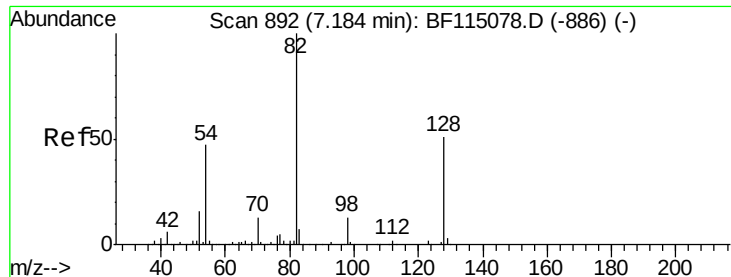
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



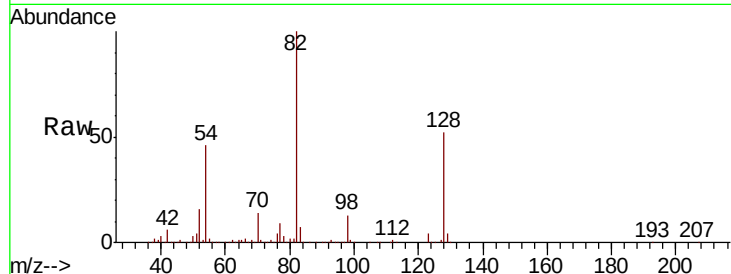


#23
 Nitrobenzene-d5
 Concen: 83.386 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

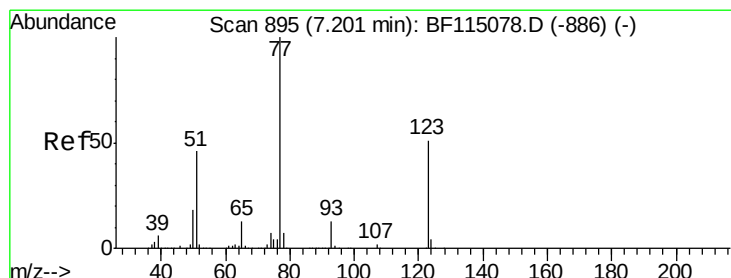
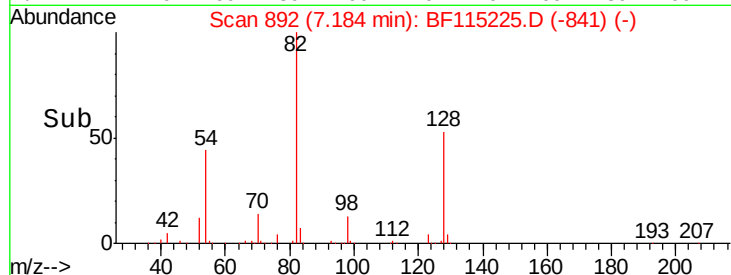
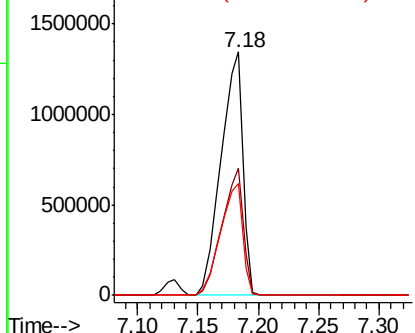
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1680393

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.4	60.6
54	46.1	37.5	56.3



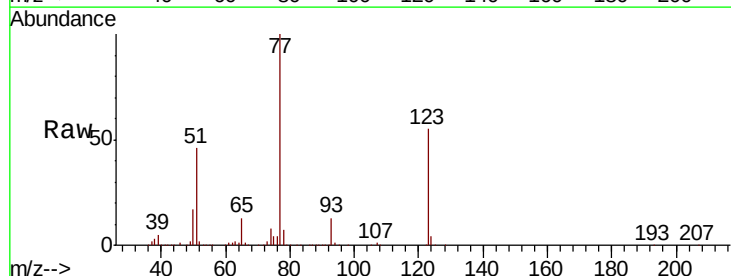
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



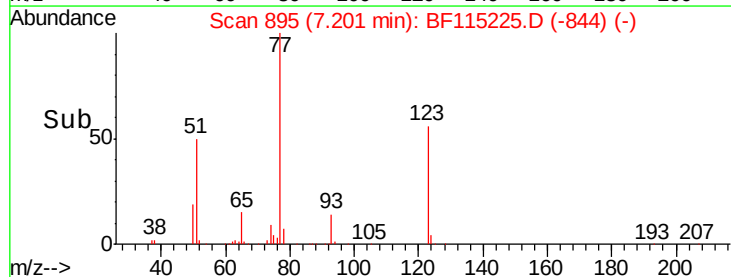
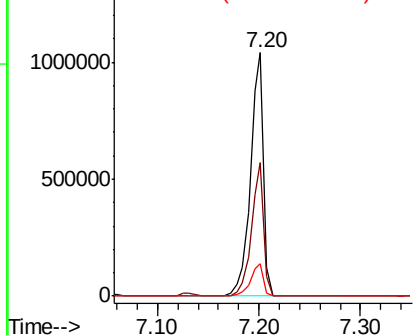
#24
 Nitrobenzene
 Concen: 41.242 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

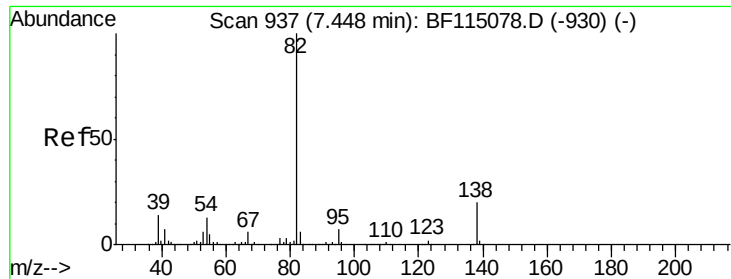
Tgt Ion: 77 Resp: 915614

Ion	Ratio	Lower	Upper
77	100		
123	55.0	41.0	61.6
65	13.1	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

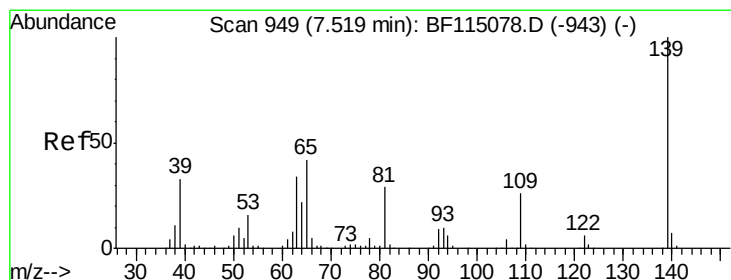
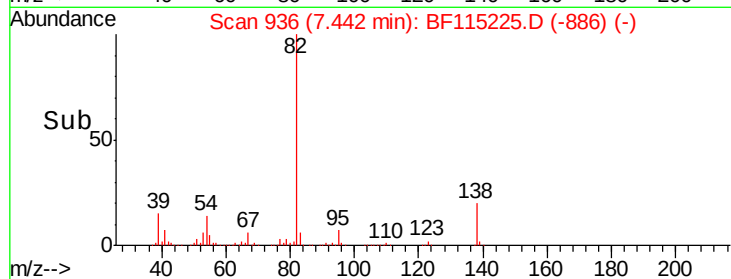
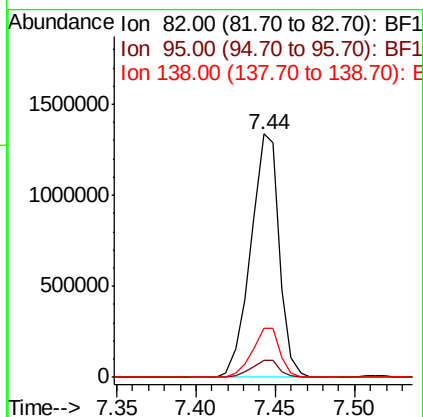
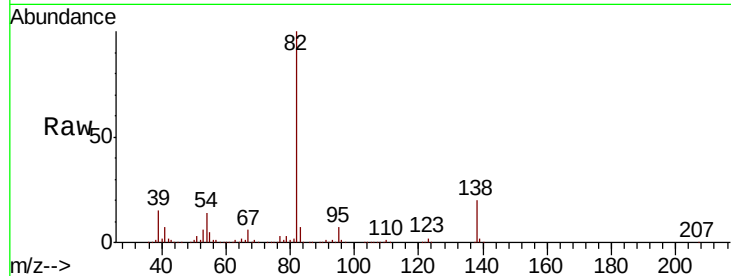




#25
Isophorone
Concen: 40.469 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

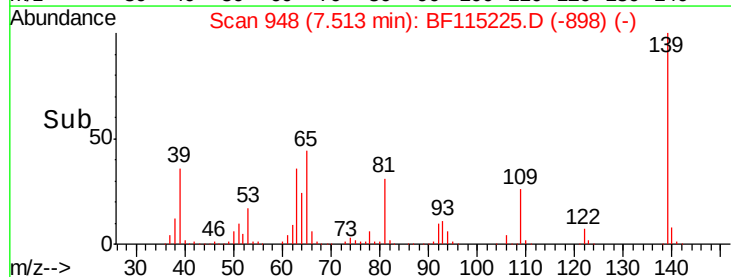
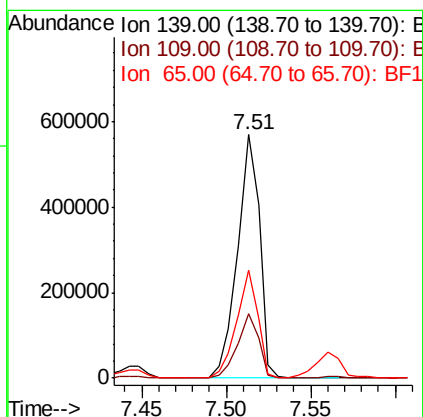
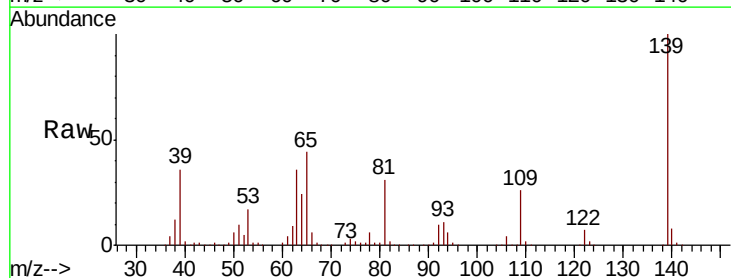
Instrument :
BNA_F
ClientSampleId :

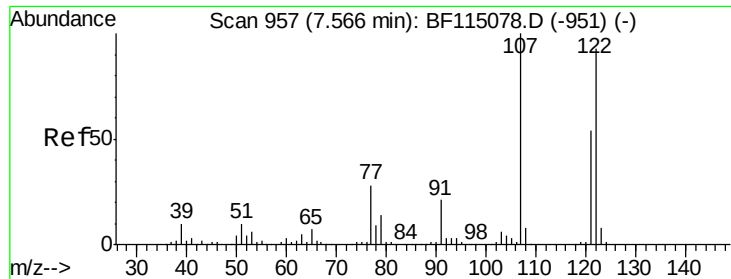
Tot Ion: 82 Resp: 1670648
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.9 15.9 23.9



#26
2-Nitrophenol
Concen: 47.254 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion: 139 Resp: 518082
Ion Ratio Lower Upper
139 100
109 26.3 20.4 30.6
65 44.2 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 41.755 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

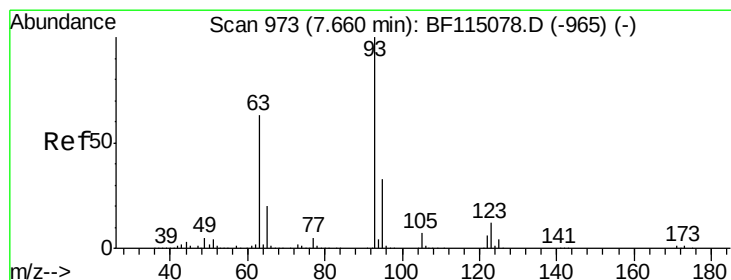
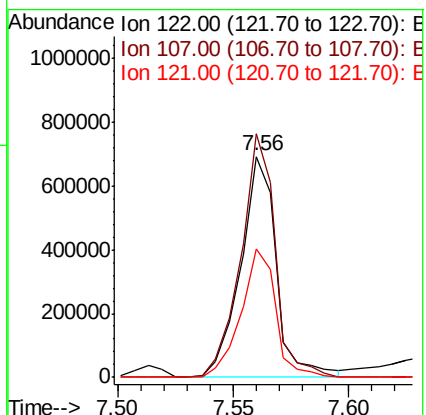
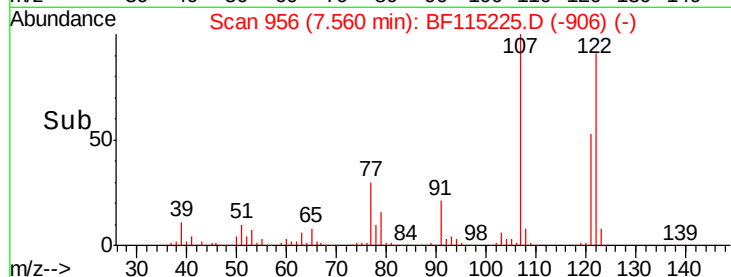
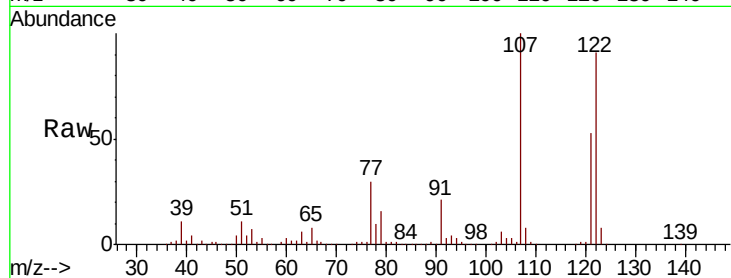
Tot Ion:122 Resp: 749556

Ion Ratio Lower Upper

122 100

107 110.3 85.8 128.6

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.714 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

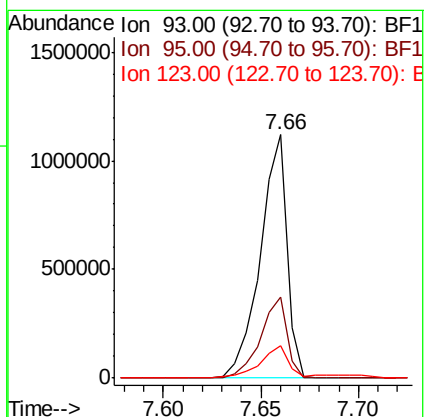
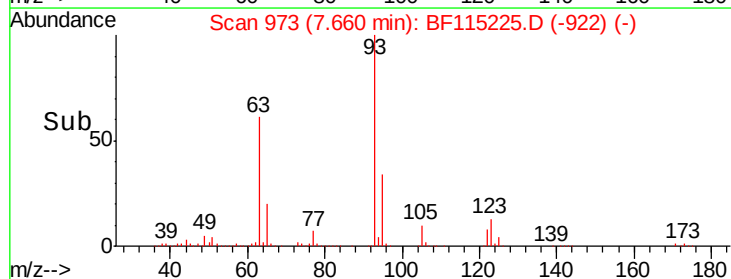
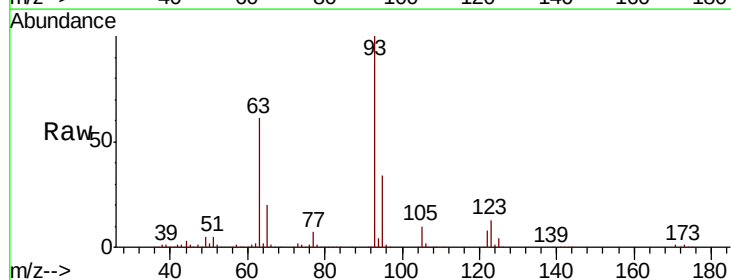
Tgt Ion: 93 Resp: 1062310

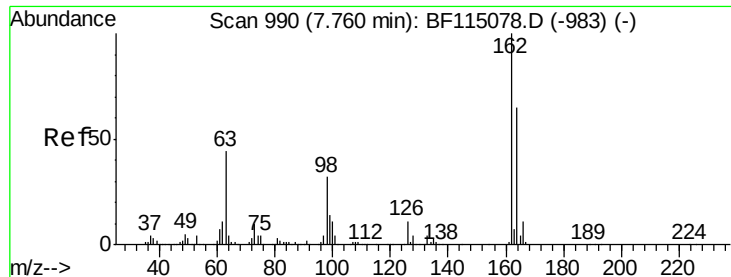
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

123 13.2 9.7 14.5

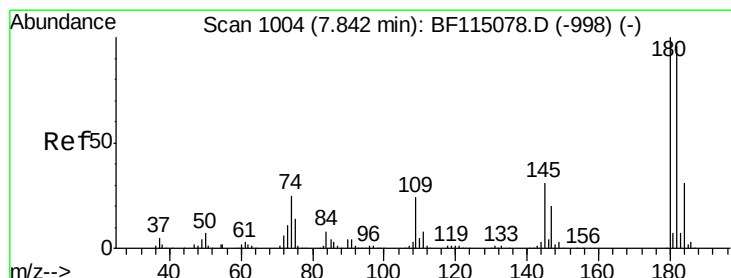
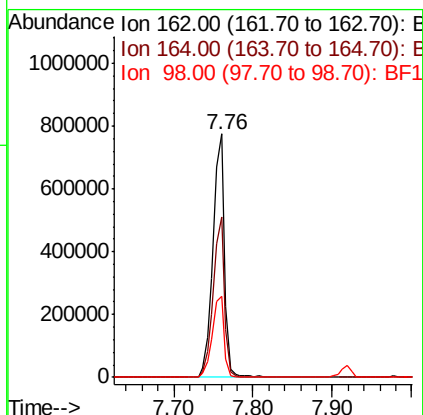
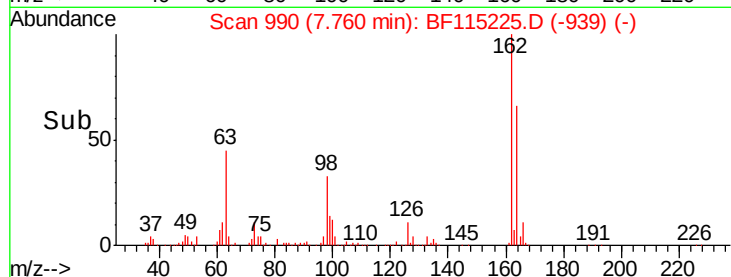
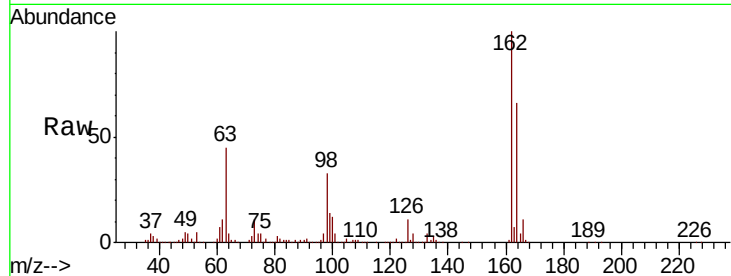




#29
2,4-Dichlorophenol
Concen: 42.371 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

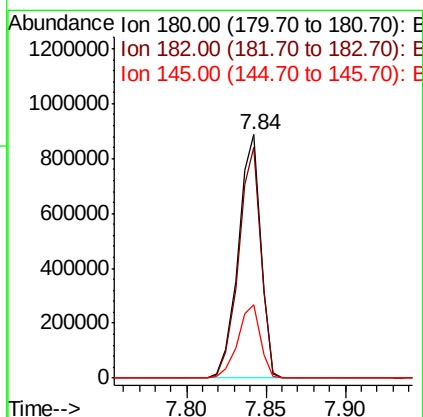
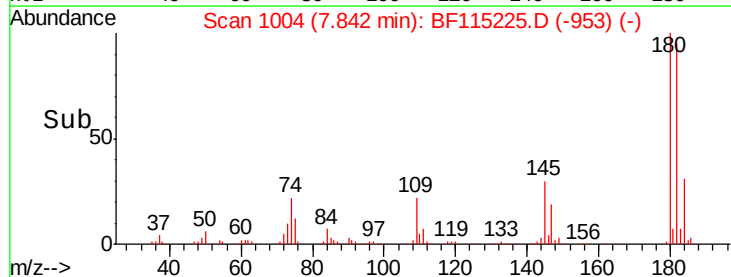
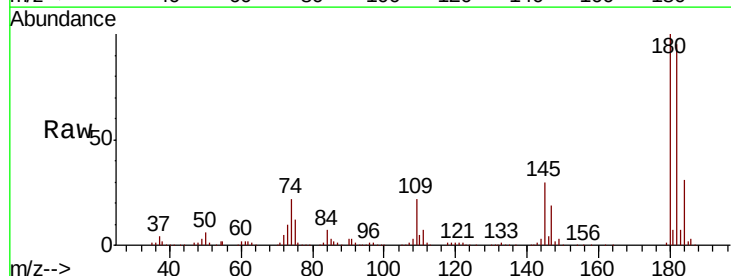
Instrument :
BNA_F
ClientSampled :

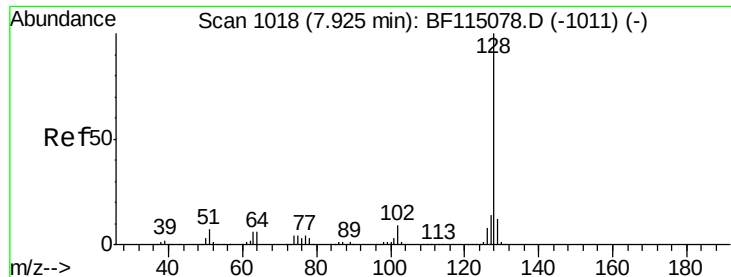
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.3	85.3
98	33.3	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.253 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	29.9	24.8	37.2

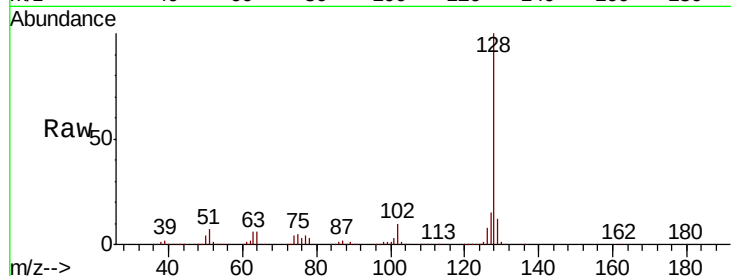




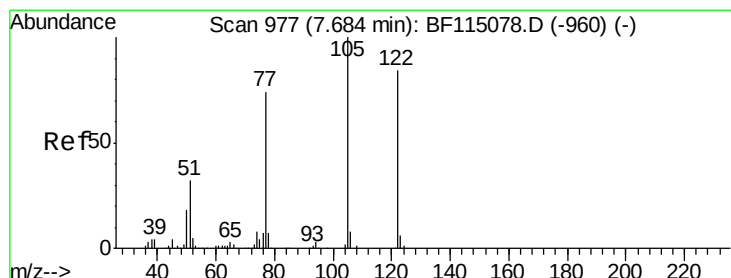
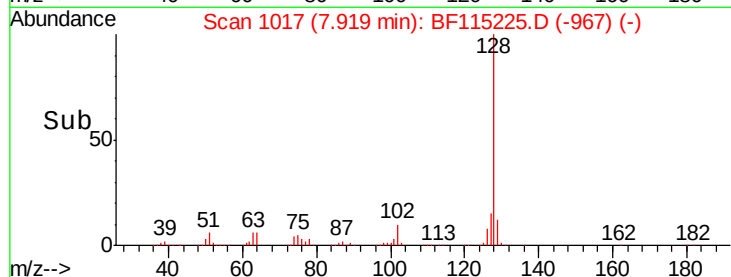
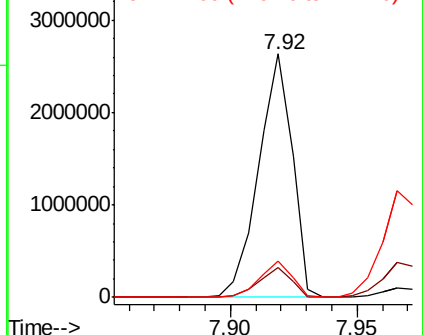
#31
Naphthalene
Concen: 40.304 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2452593
Ion Ratio Lower Upper
128 100
129 12.5 9.6 14.4
127 14.7 11.4 17.0

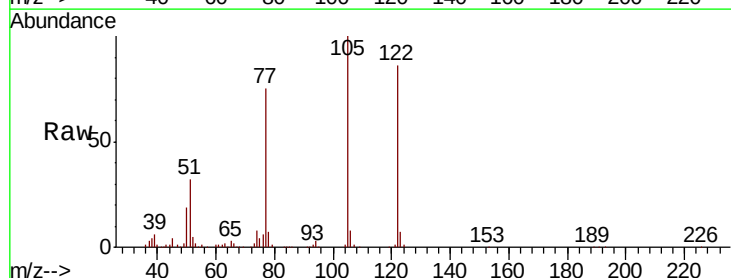


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

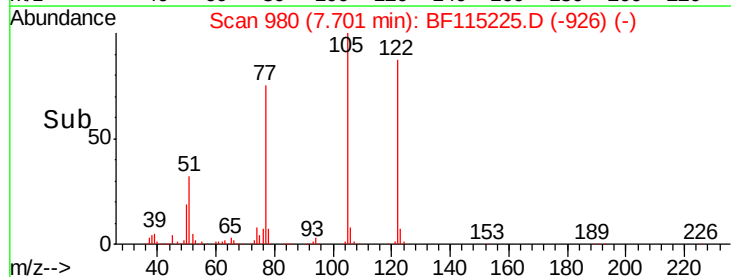
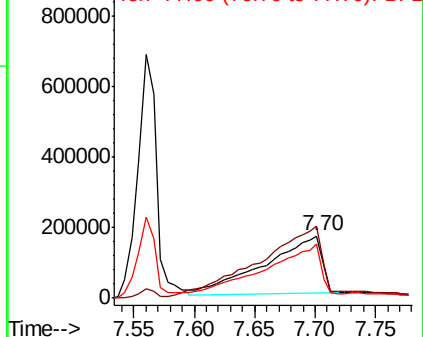


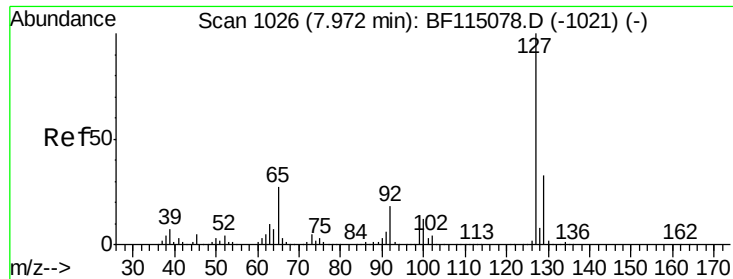
#32
Benzoic acid
Concen: 42.227 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:122 Resp: 541087
Ion Ratio Lower Upper
122 100
105 115.6 98.2 138.2
77 86.9 67.0 107.0



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

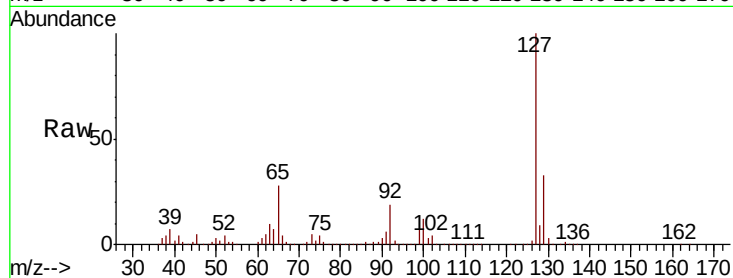




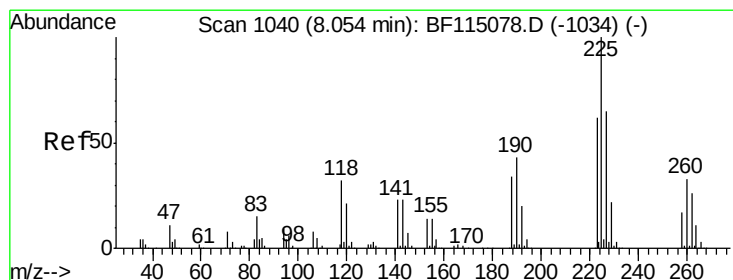
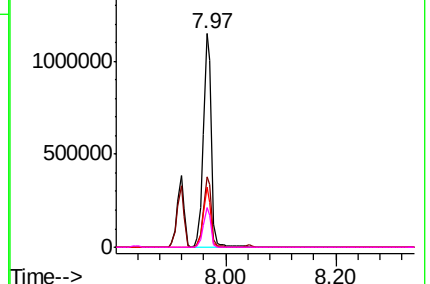
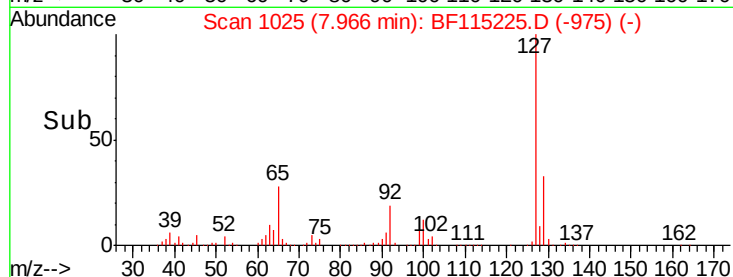
#33
4-Chloroaniline
Concen: 41.409 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1151612
Ion Ratio Lower Upper
127 100
129 33.1 26.1 39.1
65 28.2 21.4 32.2
92 18.6 14.1 21.1

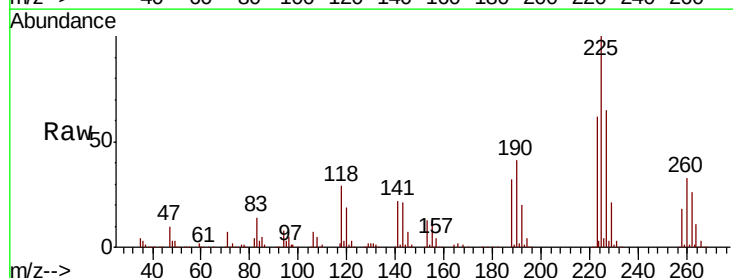


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

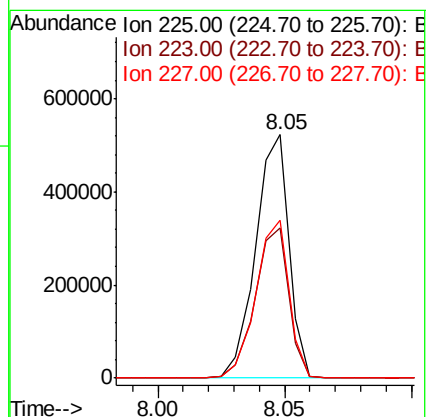
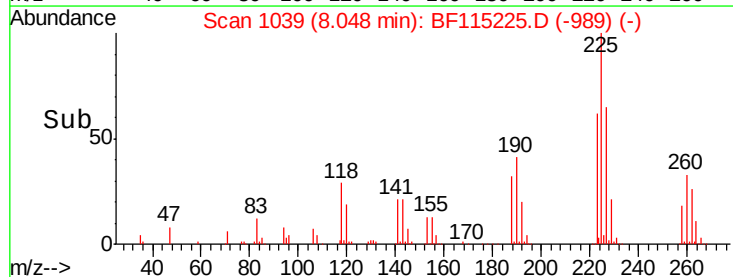


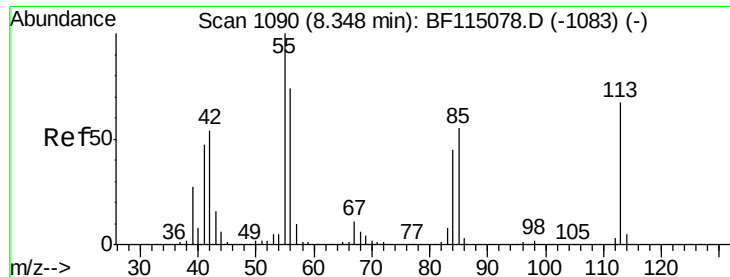
#34
Hexachlorobutadiene
Concen: 42.958 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:225 Resp: 481717
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 64.6 51.8 77.8



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

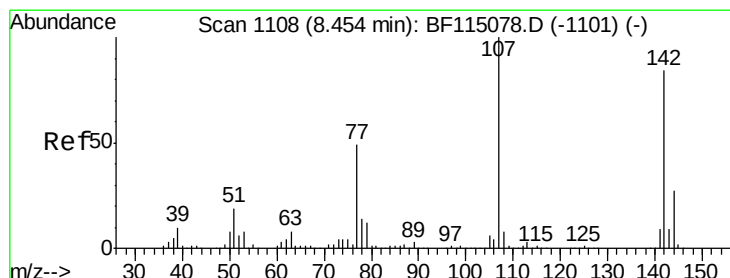
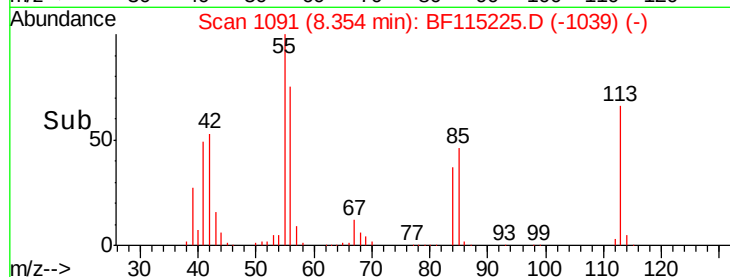
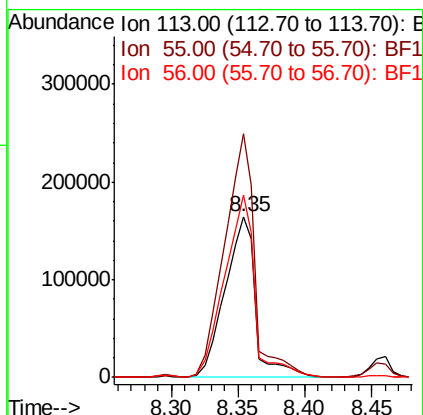
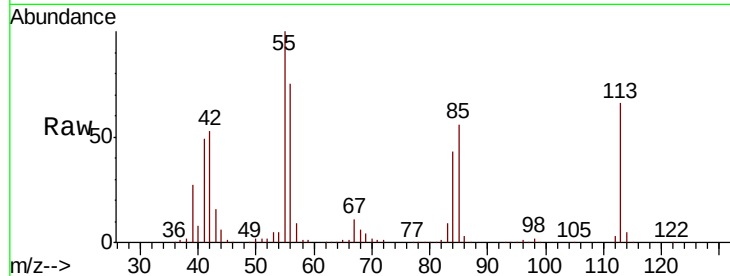




#35
Caprolactam
Concen: 42.400 ng
RT: 8.35 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

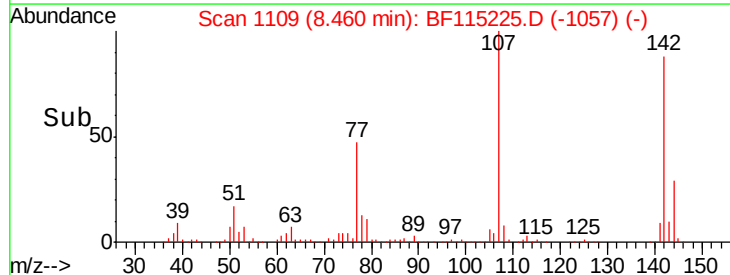
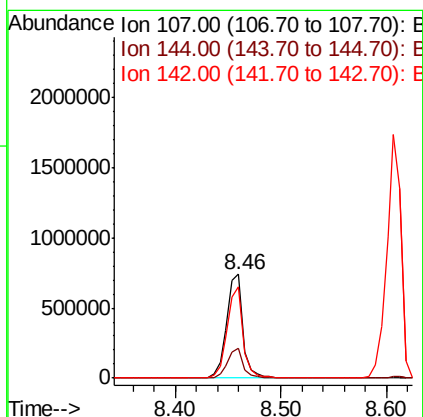
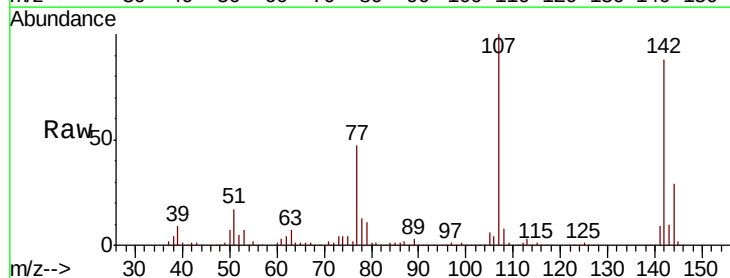
Instrument :
BNA_F
ClientSampleId :

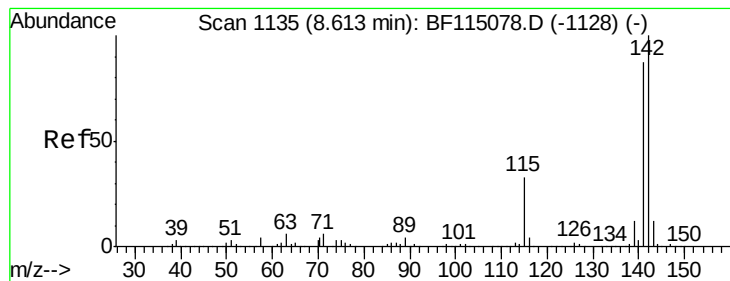
Tot Ion:113 Resp: 264082
Ion Ratio Lower Upper
113 100
55 151.2 130.2 170.2
56 112.8 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 42.240 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:107 Resp: 792462
Ion Ratio Lower Upper
107 100
144 28.7 21.7 32.5
142 87.6 67.0 100.4





#37

2-Methylnaphthalene

Concen: 40.510 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

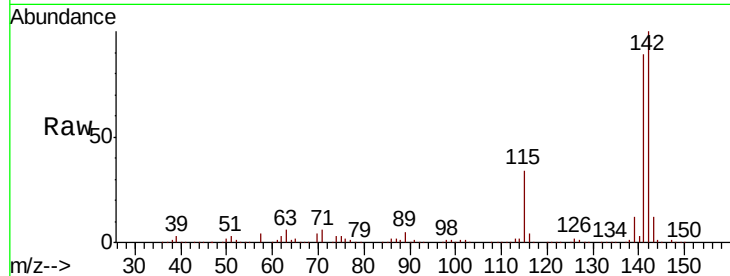
Tot Ion:142 Resp: 1662126

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

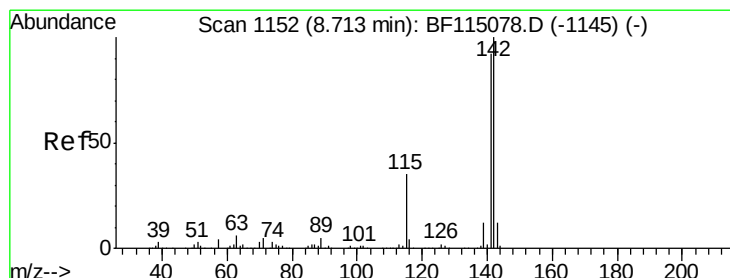
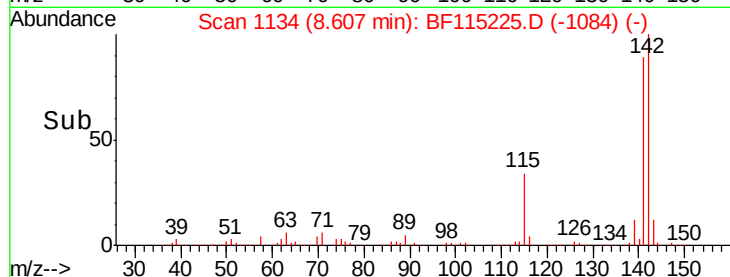
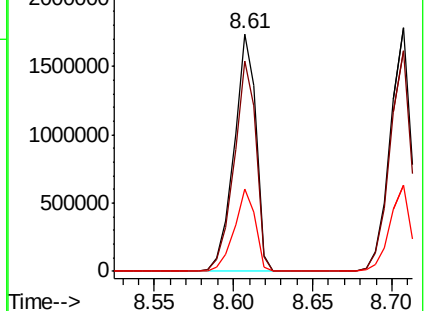
115 34.5 26.7 40.1



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: 40.730 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

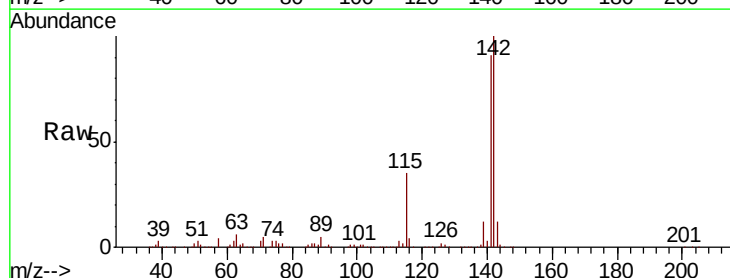
Tgt Ion:142 Resp: 1596055

Ion Ratio Lower Upper

142 100

141 90.7 73.8 110.8

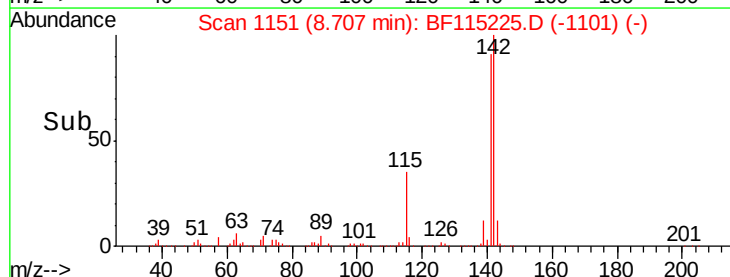
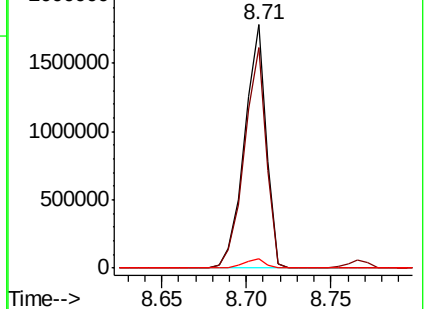
116 3.7 2.8 4.2

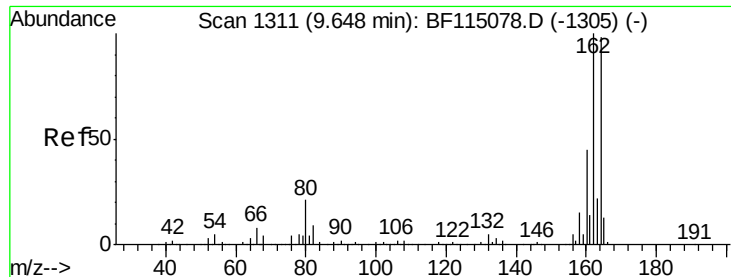


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

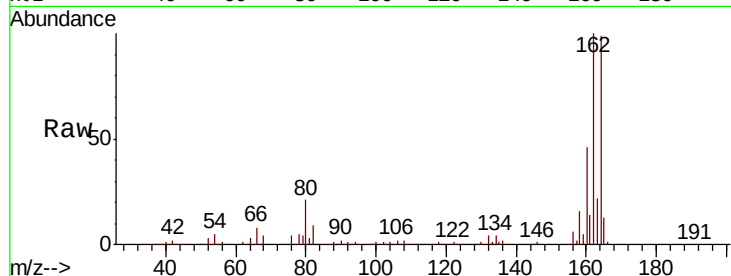




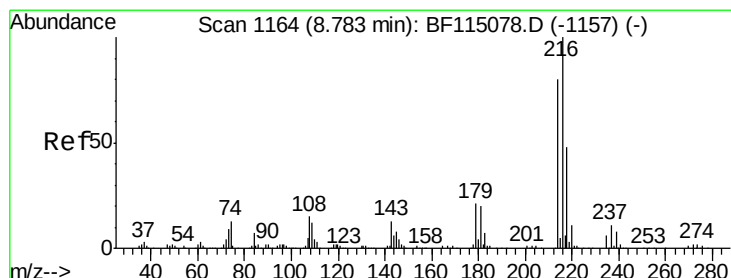
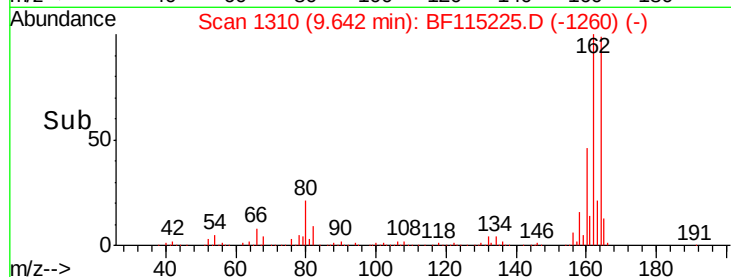
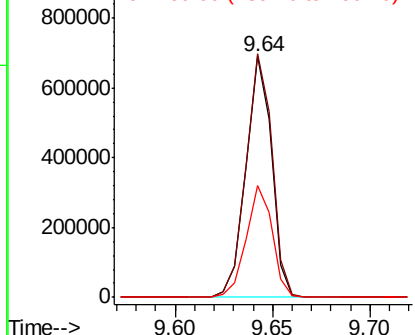
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 630161
Ion Ratio Lower Upper
164 100
162 101.2 81.7 122.5
160 46.4 37.0 55.4

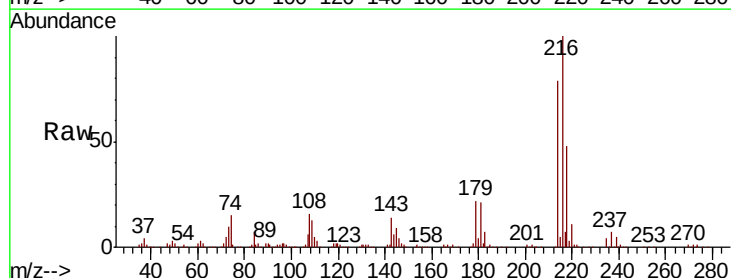


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

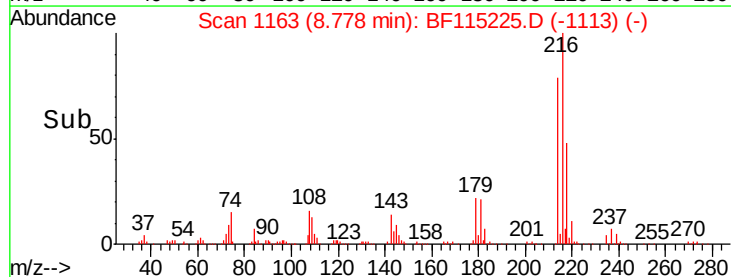
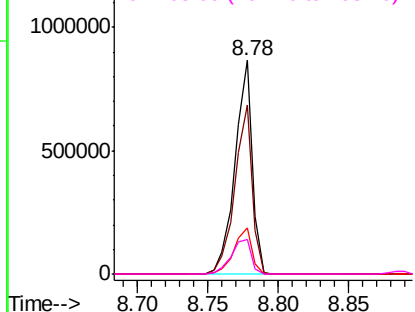


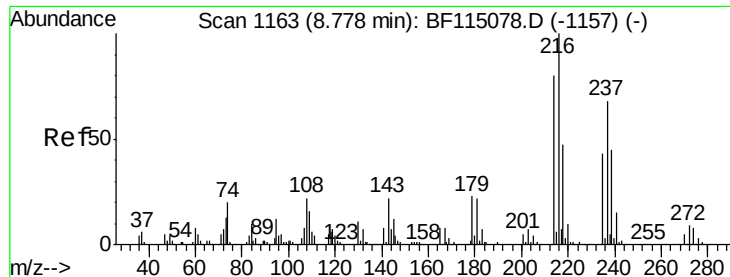
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.315 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:216 Resp: 735713
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 22.2 17.6 26.4
108 19.3 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 40.417 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampleId :

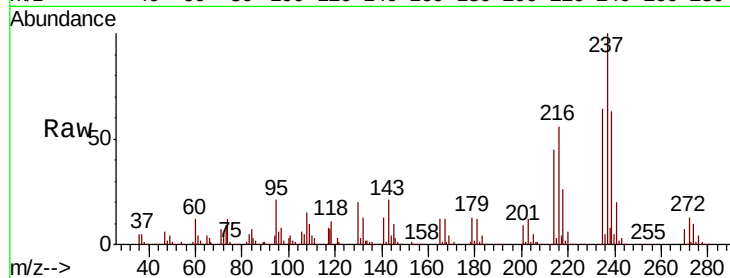
Tot Ion:237 Resp: 426761

Ion Ratio Lower Upper

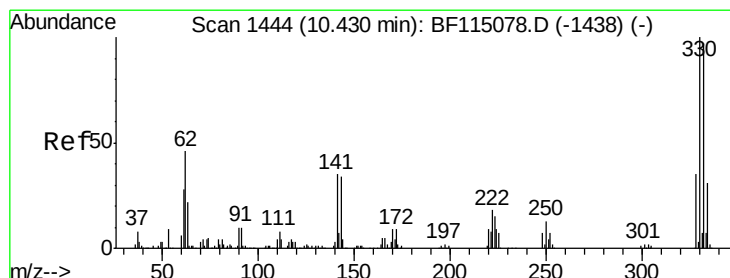
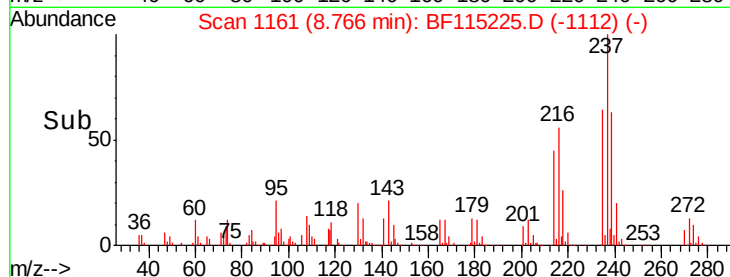
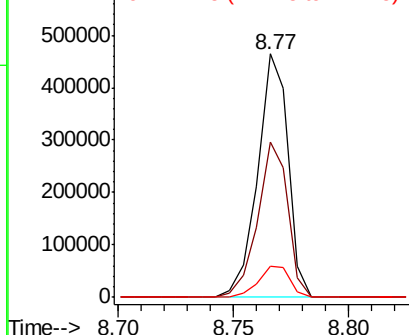
237 100

235 63.8 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: 86.316 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

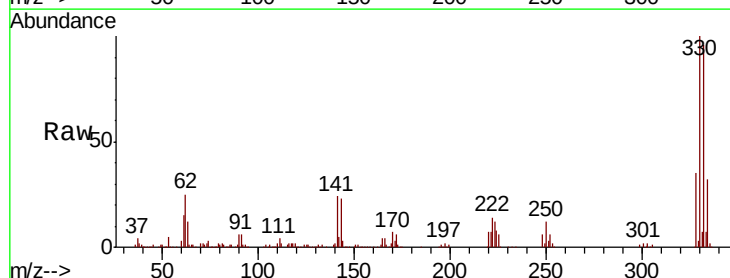
Tgt Ion:330 Resp: 573592

Ion Ratio Lower Upper

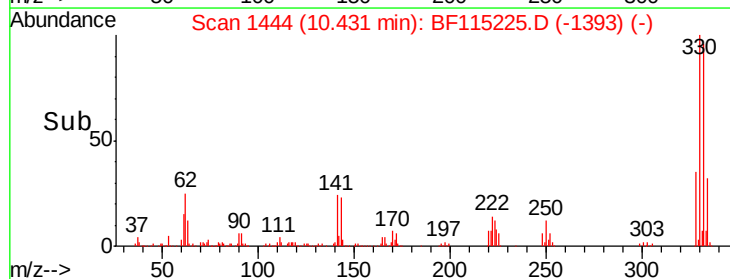
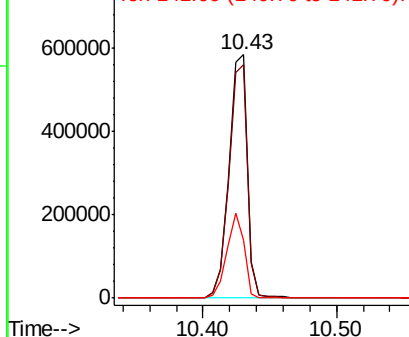
330 100

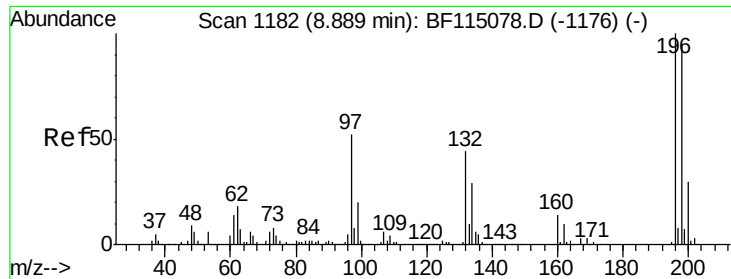
332 96.4 77.3 115.9

141 33.2 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

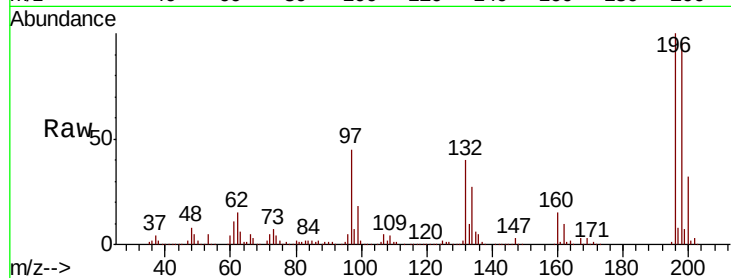




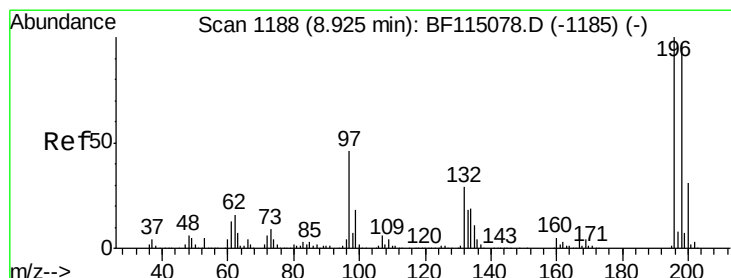
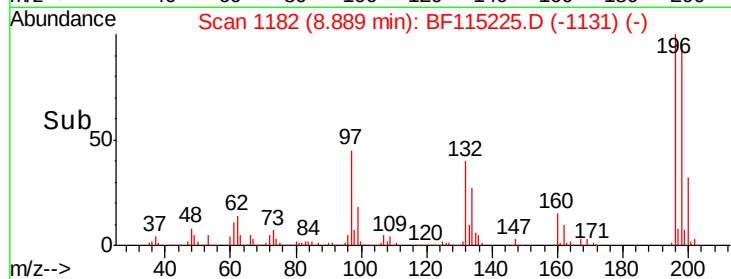
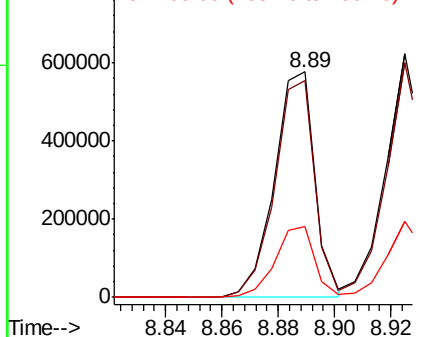
#43
 2,4,6-Trichlorophenol
 Concen: 41.595 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	571837
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.3	114.5
200	31.6	24.2	36.4



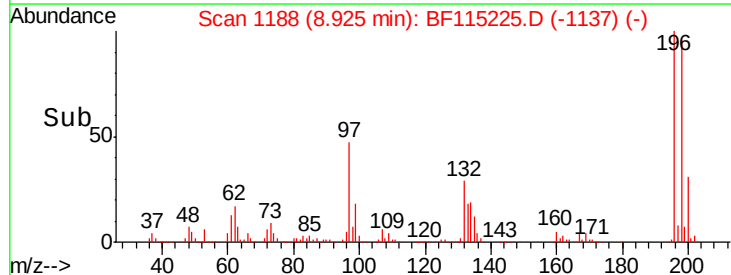
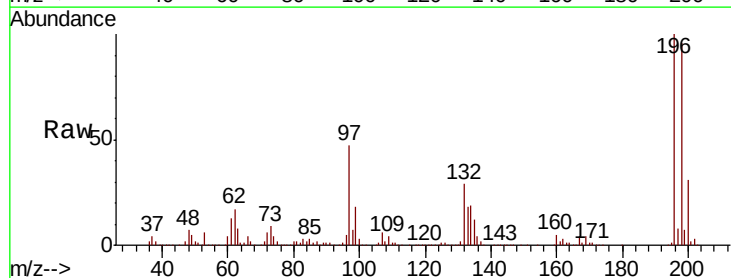
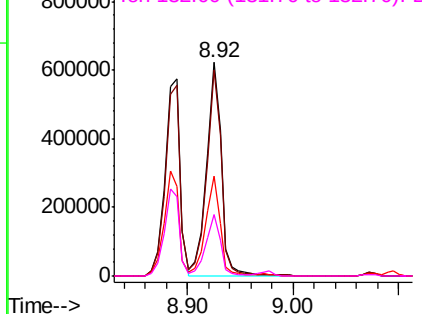
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

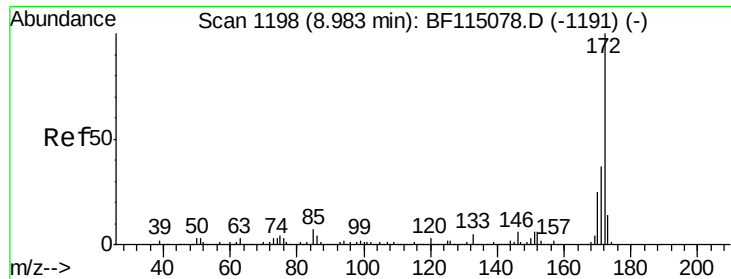


#44
 2,4,5-Trichlorophenol
 Concen: 42.979 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion	196	Resp	608477
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.1	115.7
97	46.7	37.7	56.5
132	29.1	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



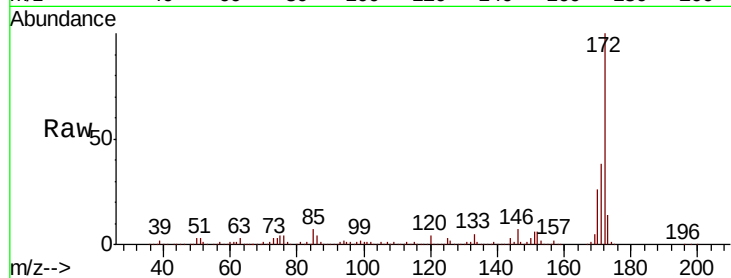


#45
 2-Fluorobiphenyl
 Concen: 77.538 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

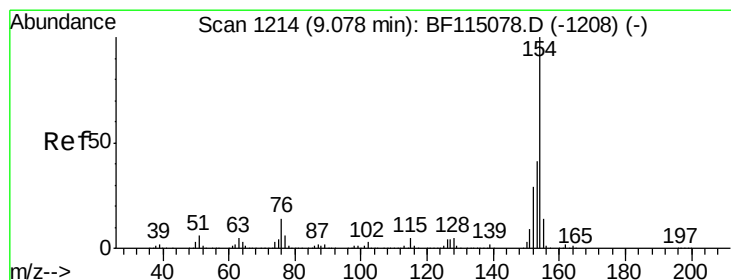
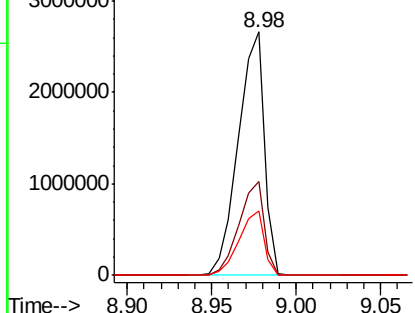
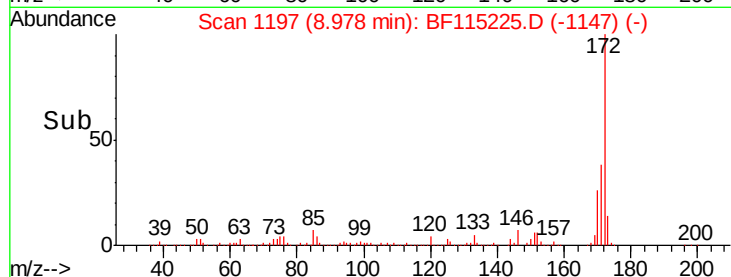
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2876519

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.8	44.6
170	26.4	20.3	30.5



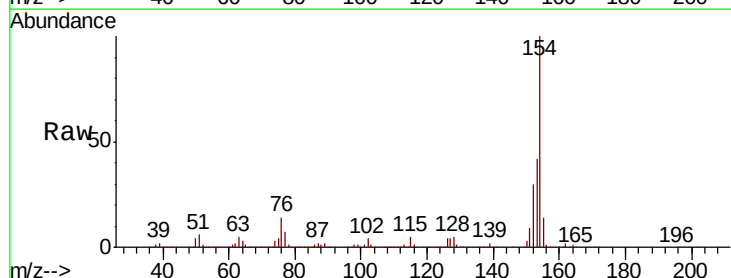
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



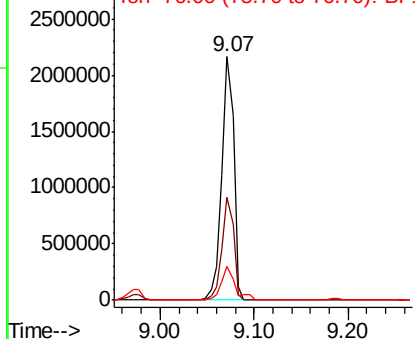
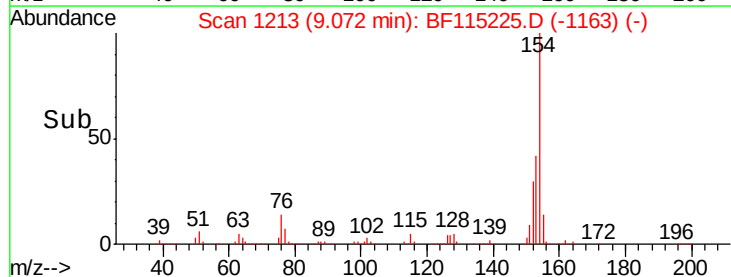
#46
 1,1'-Biphenyl
 Concen: 38.281 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

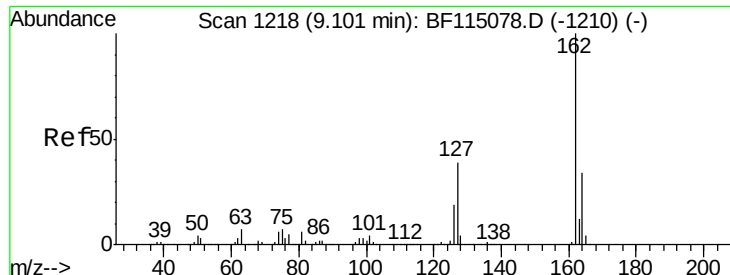
Tgt Ion:154 Resp: 1930194

Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.9	60.9
76	13.8	0.0	34.1



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

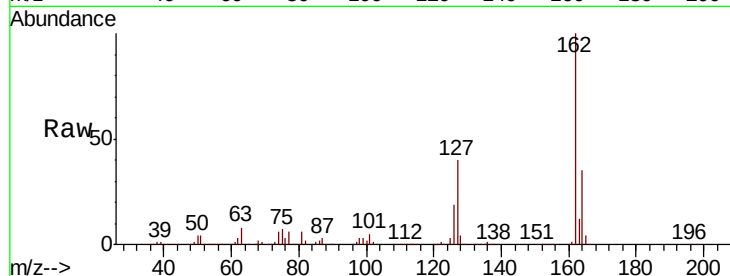




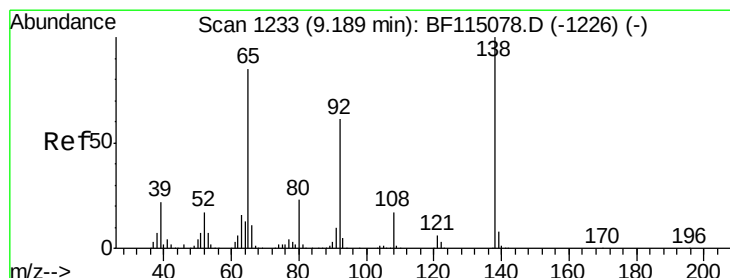
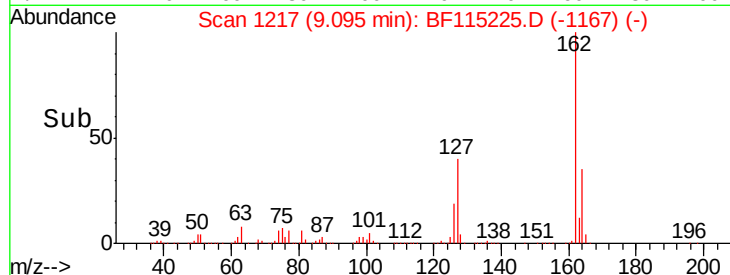
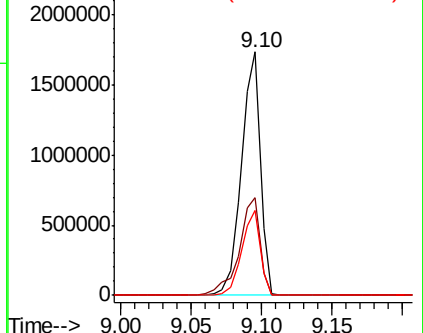
#47
2-Chloronaphthalene
Concen: 39.496 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1615402
Ion Ratio Lower Upper
162 100
127 40.3 30.8 46.2
164 34.6 27.0 40.4

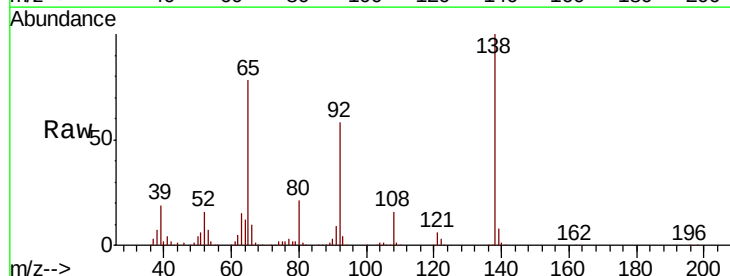


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

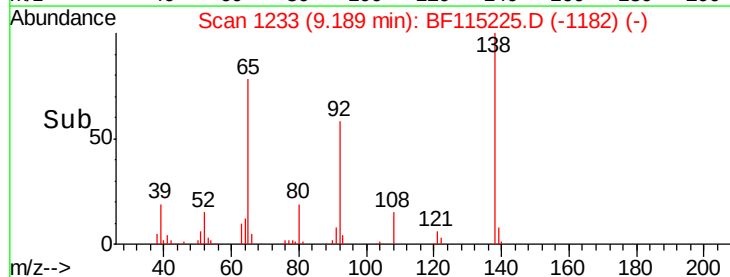
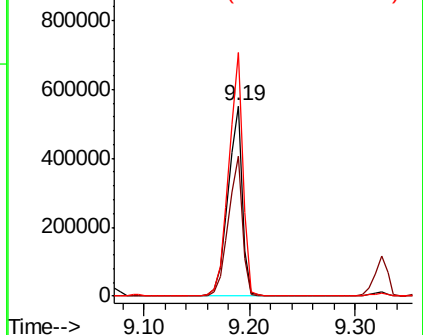


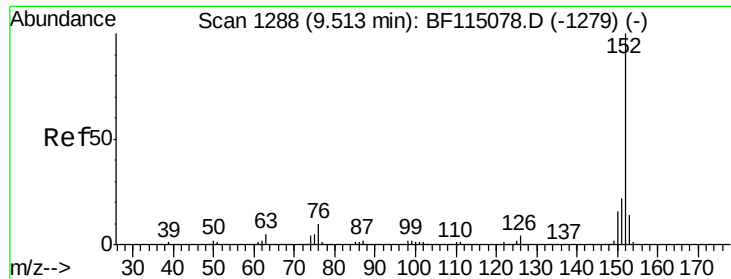
#48
2-Nitroaniline
Concen: 43.107 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion: 65 Resp: 514010
Ion Ratio Lower Upper
65 100
92 73.7 57.4 86.2
138 127.8 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: 39.133 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampleId :

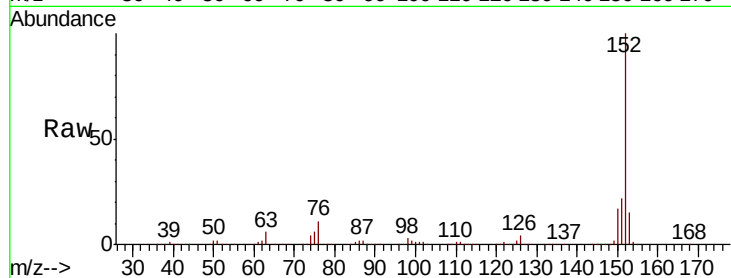
Tot Ion:152 Resp: 2493716

Ion Ratio Lower Upper

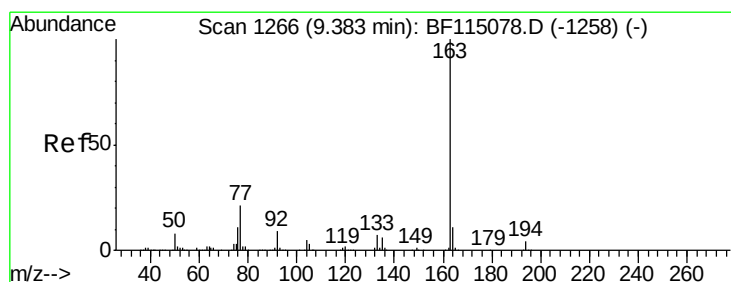
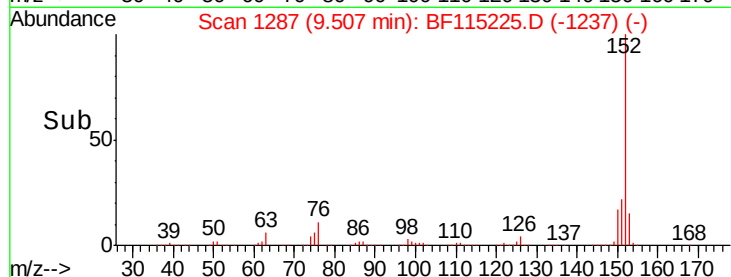
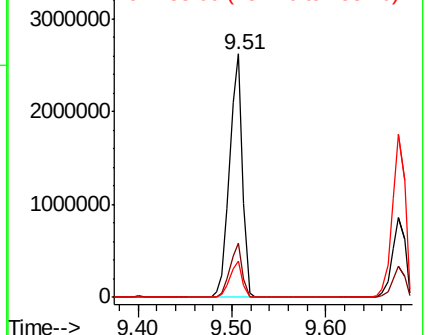
152 100

151 22.2 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: 41.017 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

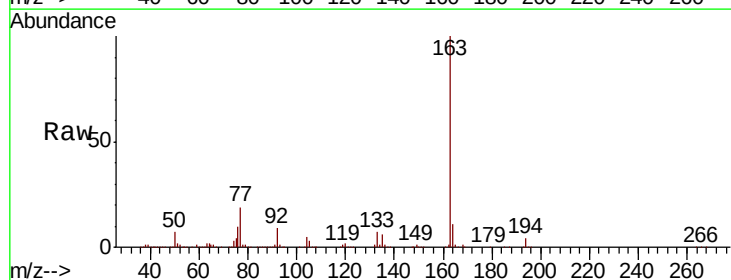
Tgt Ion:163 Resp: 1901641

Ion Ratio Lower Upper

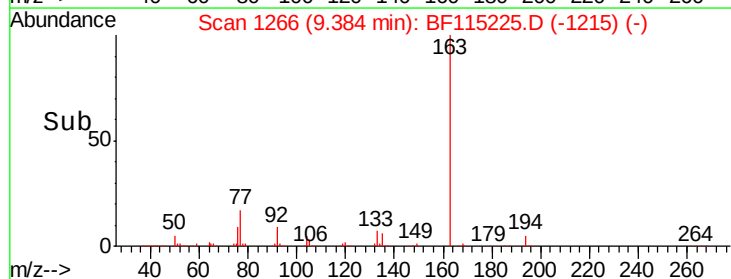
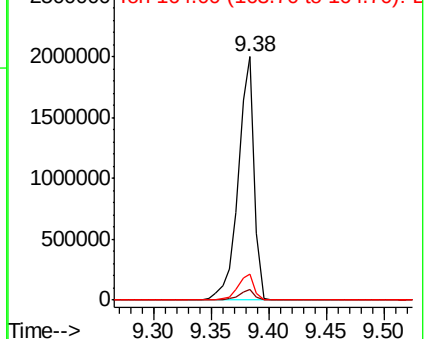
163 100

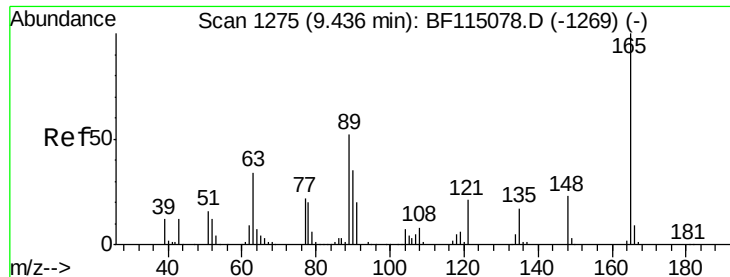
194 4.3 3.2 4.8

164 10.8 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

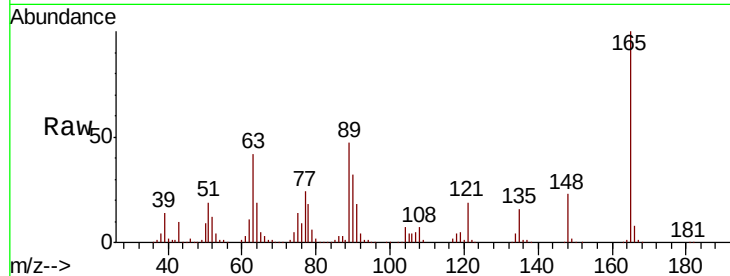




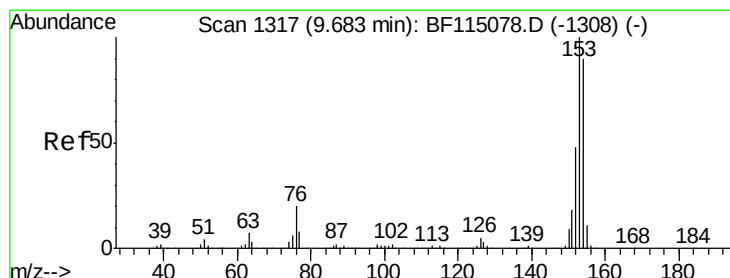
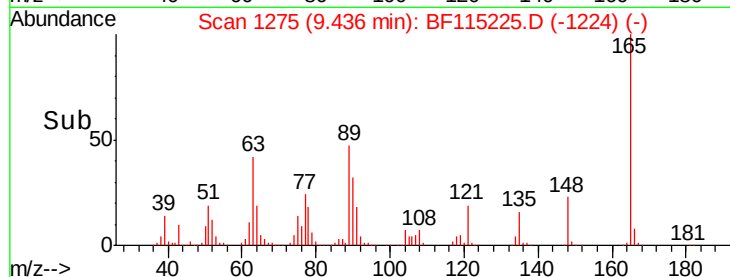
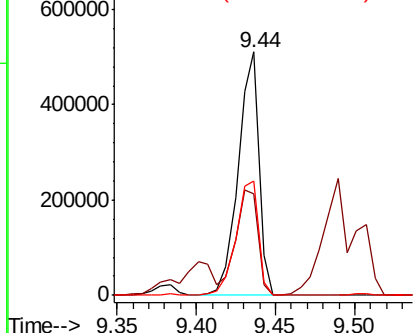
#51
2,6-Dinitrotoluene
Concen: 43.125 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 461592
Ion Ratio Lower Upper
165 100
63 41.8 39.4 59.2
89 46.9 42.0 63.0

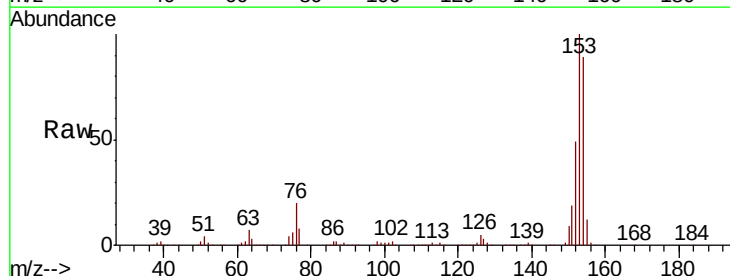


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

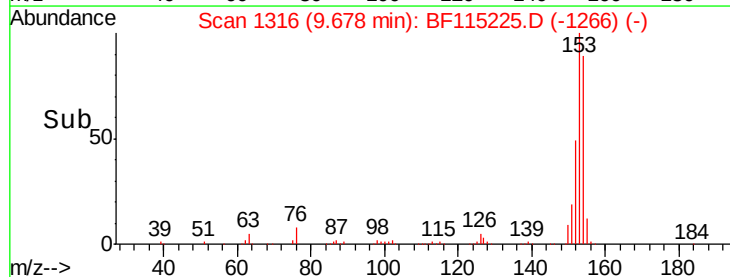
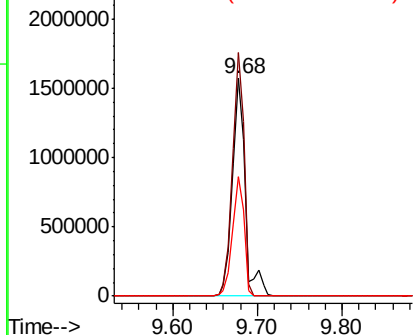


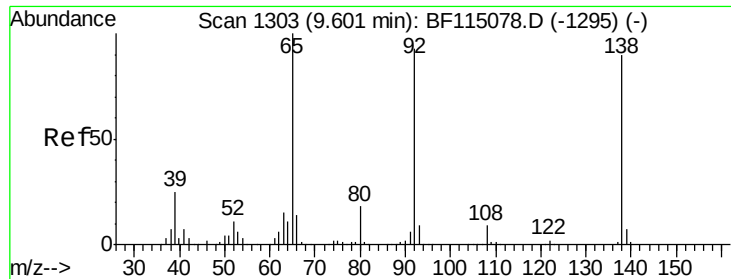
#52
Acenaphthene
Concen: 40.673 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:154 Resp: 1621815
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 54.9 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

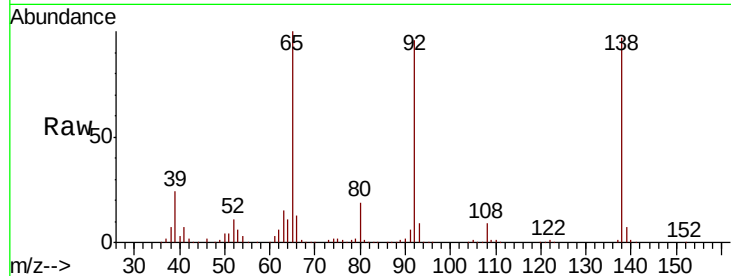




#53
 3-Nitroaniline
 Concen: 42.480 ng
 RT: 9.60 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	98.9	82.9	124.3

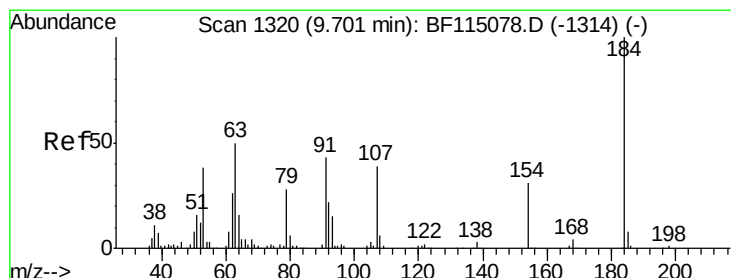
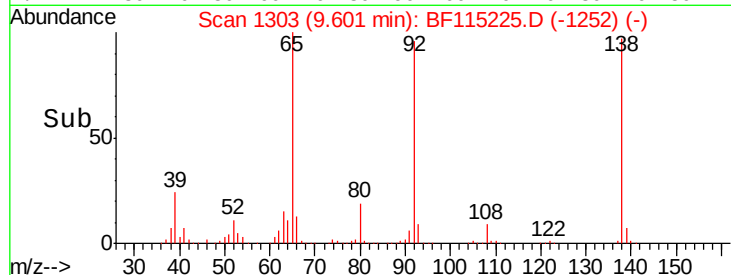
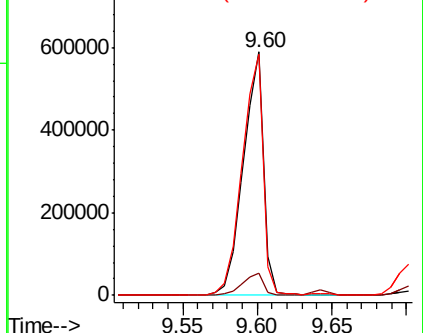


Abundance

Ion 138.00 (137.70 to 138.70): E

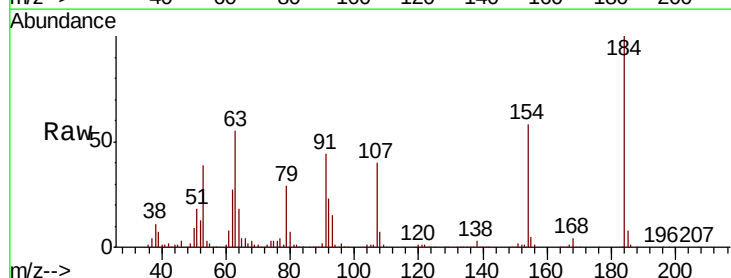
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 52.283 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	41.9	62.9
154	57.7	44.7	67.1

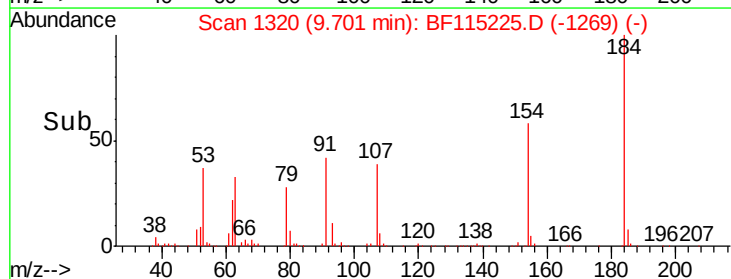
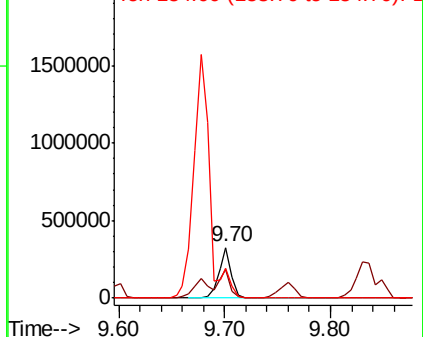


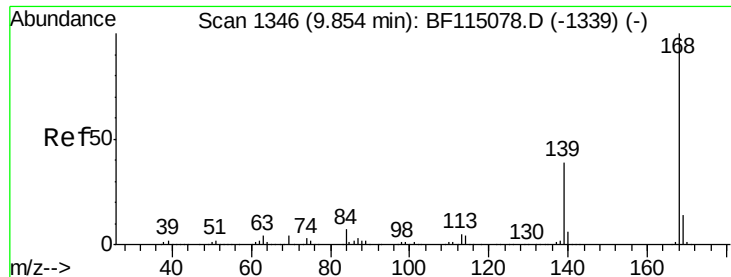
Abundance

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



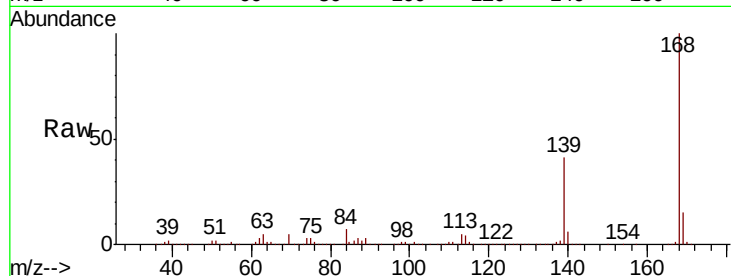


#55
Dibenzofuran
Concen: 37.987 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

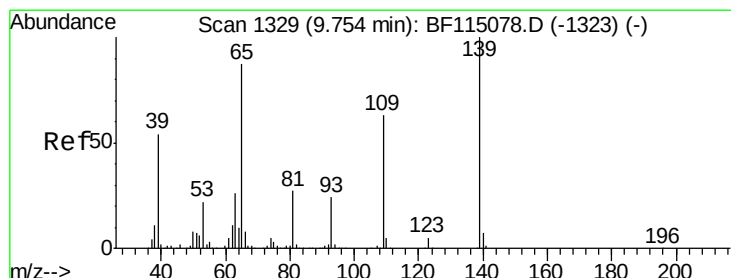
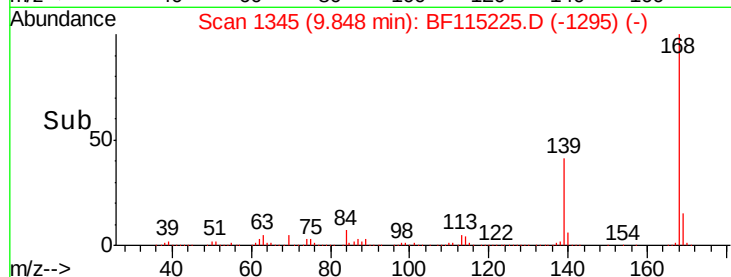
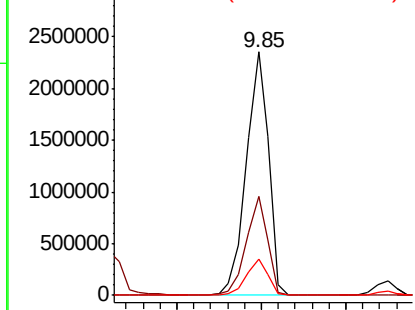
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2174019

Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.1	46.7
169	14.7	11.3	16.9



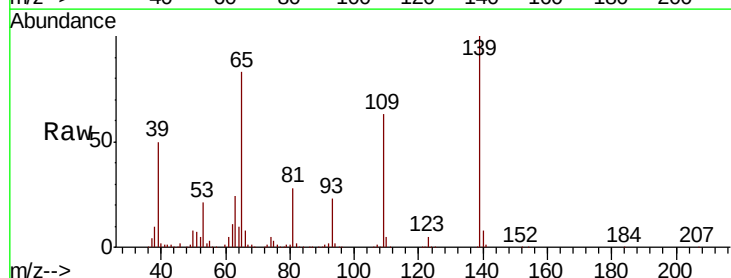
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



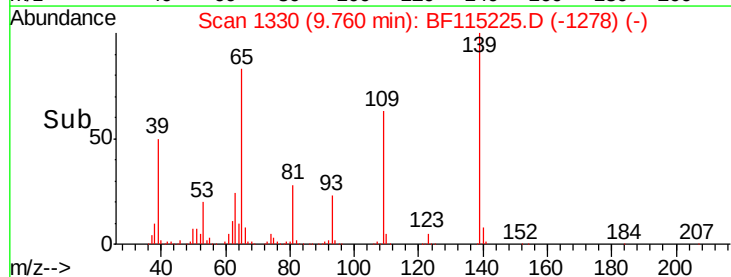
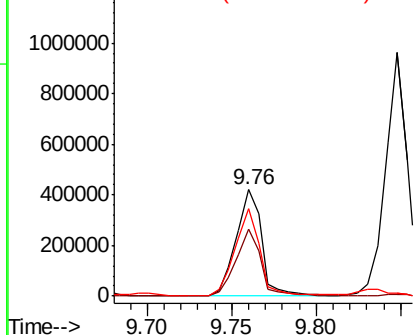
#56
4-Nitrophenol
Concen: 42.647 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

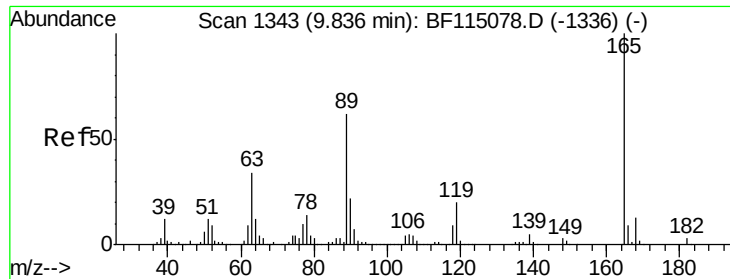
Tgt Ion:139 Resp: 446592

Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.0	83.0
65	82.8	67.0	107.0



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

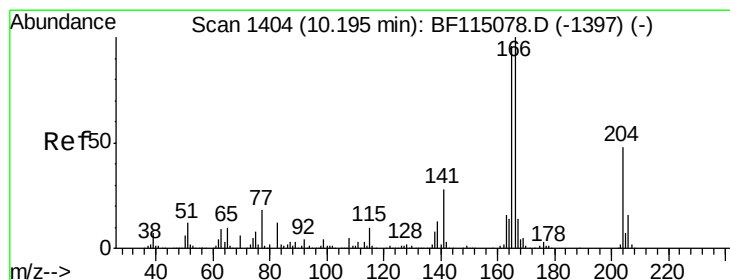
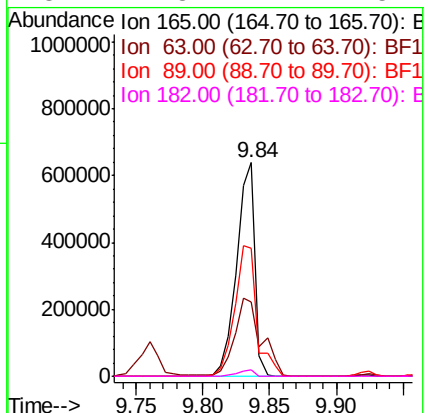
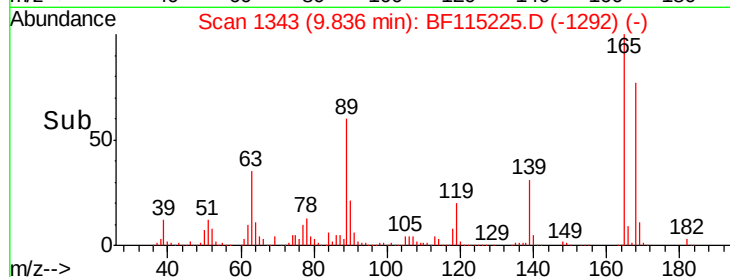
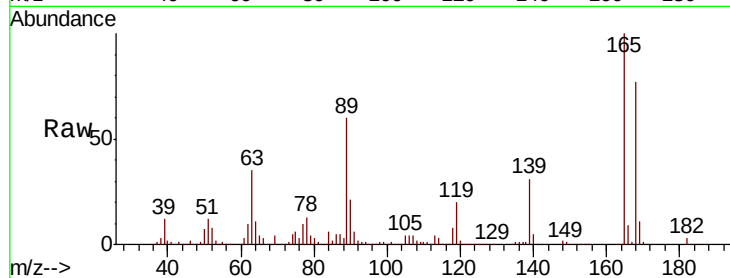




#57
2,4-Dinitrotoluene
Concen: 44.182 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

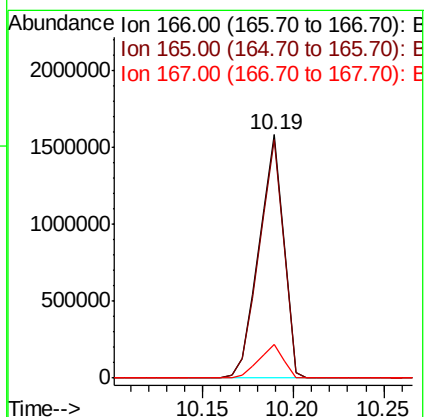
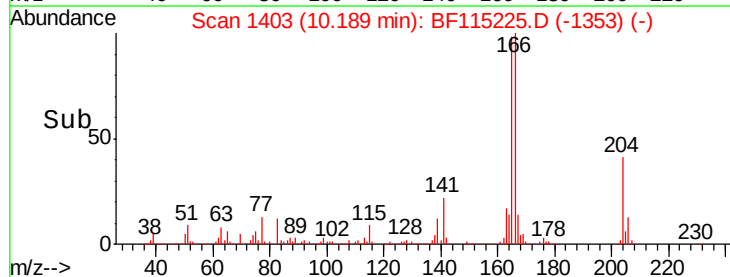
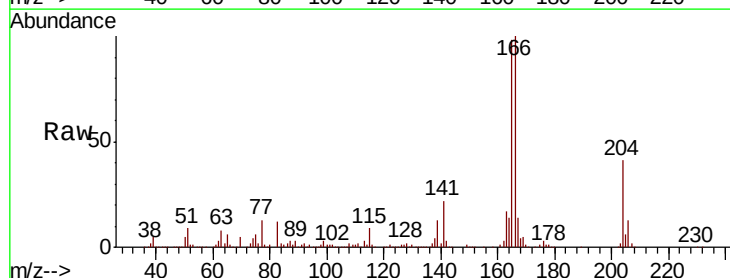
Instrument :
BNA_F
ClientSampleId :

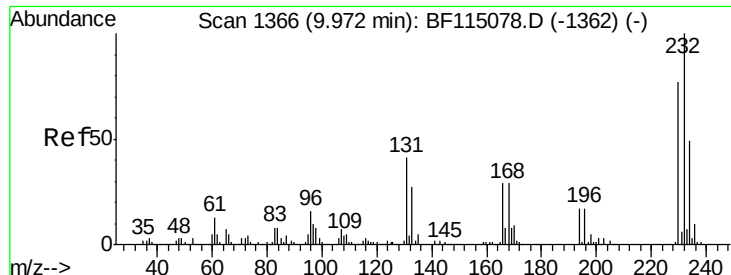
Tot Ion:165	Resp: 610628
Ion Ratio	Lower Upper
165 100	
63 35.0	27.5 41.3
89 59.7	49.9 74.9
182 2.8	2.1 3.1



#58
Fluorene
Concen: 38.708 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt	Ion:166	Resp:	1510023
Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.5	114.7
167	13.9	11.0	16.4

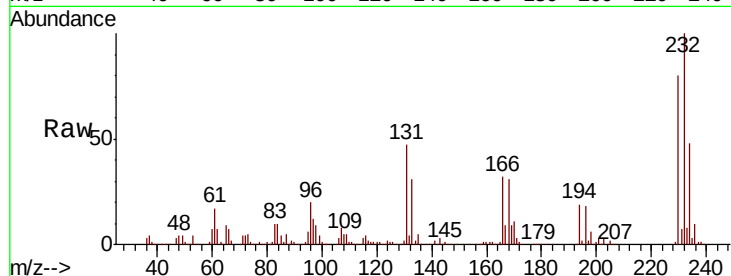




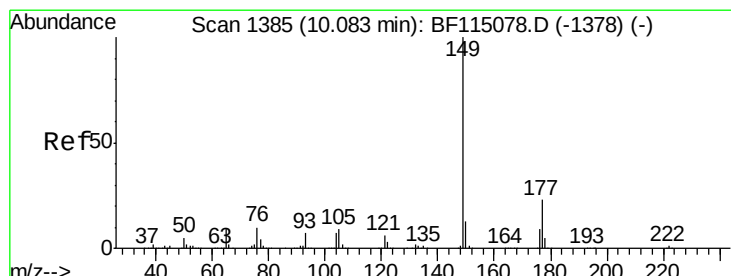
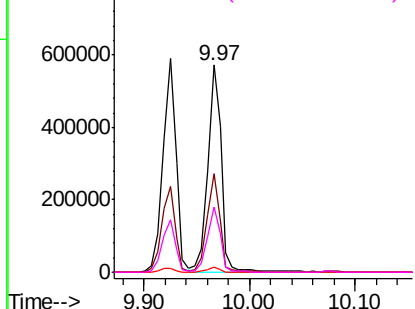
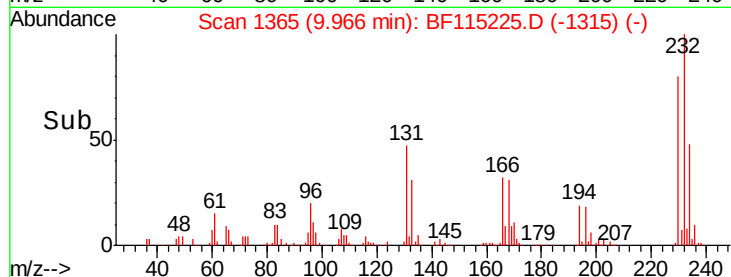
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.957 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	509961
Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.1	1.8	2.6
166	29.8	24.6	36.8

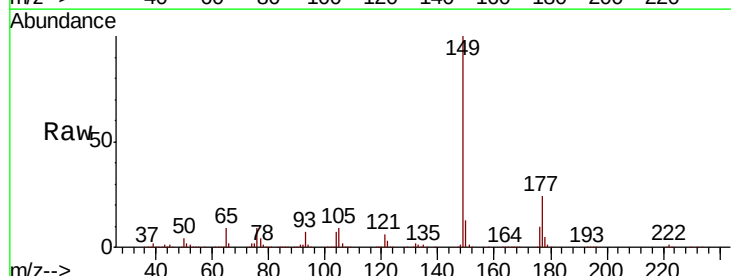


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

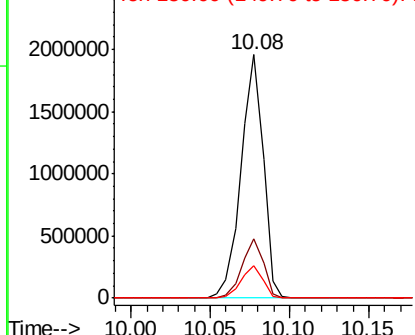
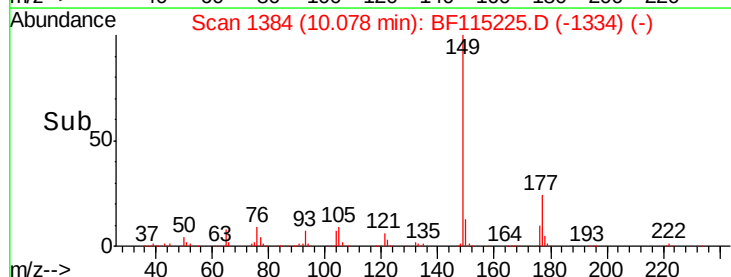


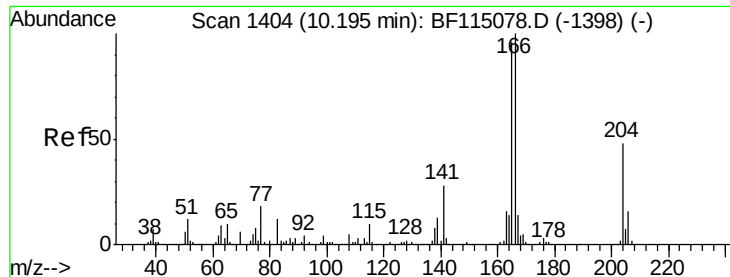
#60
 Diethylphthalate
 Concen: 40.601 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion:	149	Resp:	1892142
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.7	28.1
150	13.3	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

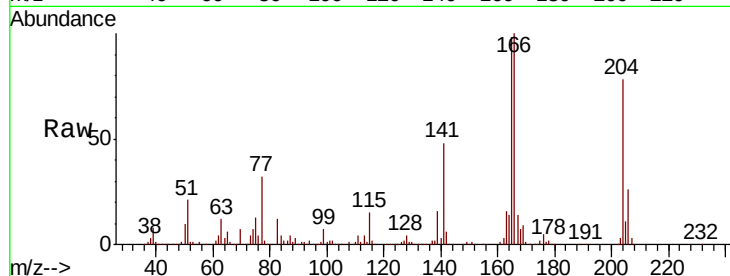




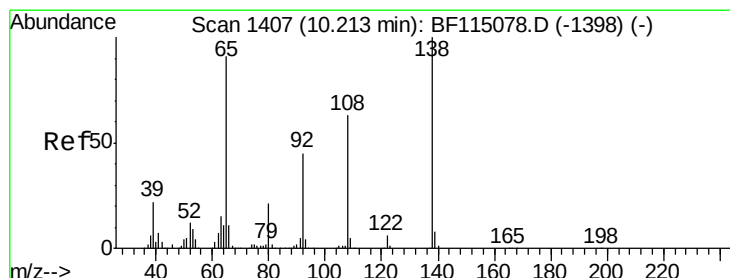
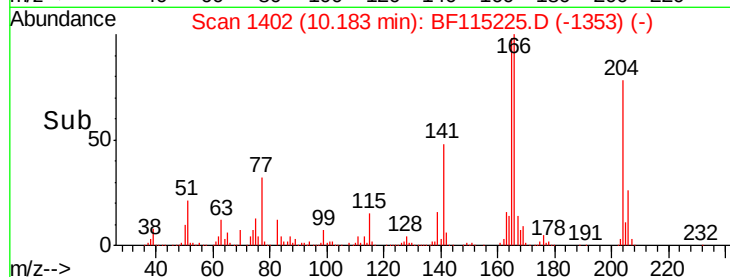
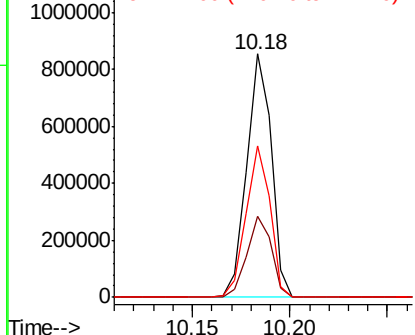
#61
4-Chlorophenyl-phenylether
Concen: 40.662 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 748166
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 46.7 70.1

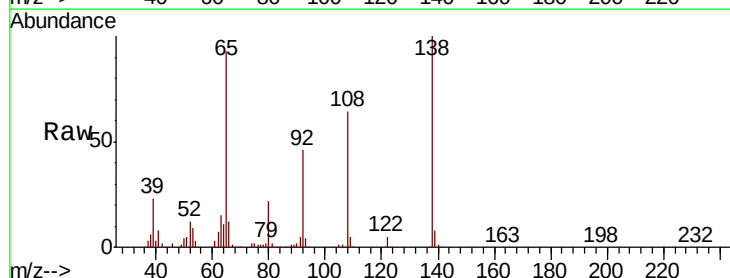


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

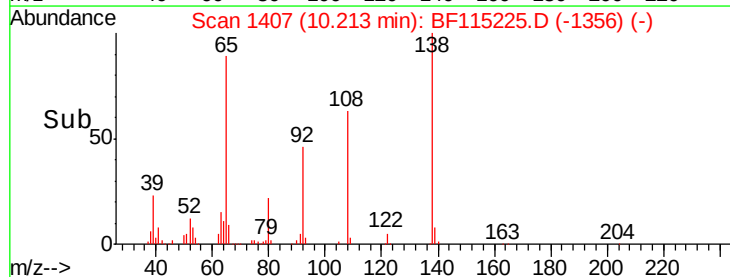
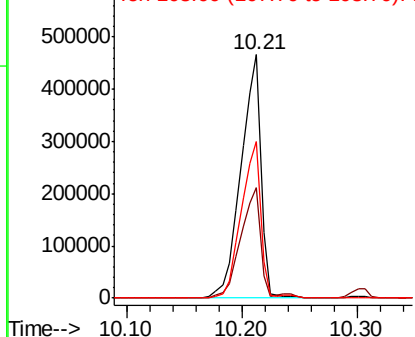


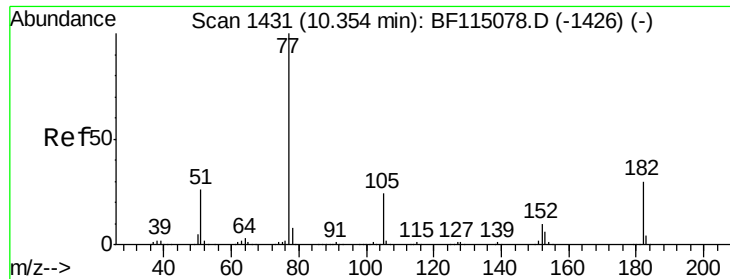
#62
4-Nitroaniline
Concen: 42.805 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:138 Resp: 560908
Ion Ratio Lower Upper
138 100
92 45.6 24.8 64.8
108 64.4 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: 39.231 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1707684

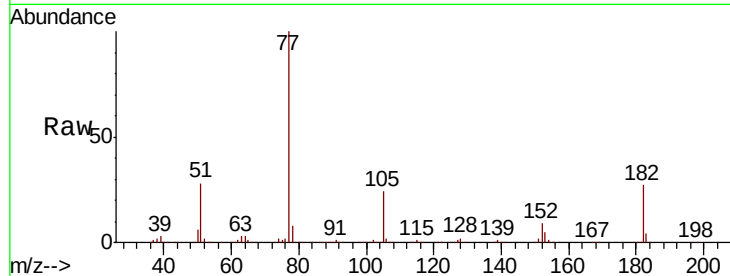
Ion	Ratio	Lower	Upper
77	100		
182	26.6	10.1	50.1
105	24.1	4.5	44.5
51	27.7	6.4	46.4

77 100

182 26.6 10.1 50.1

105 24.1 4.5 44.5

51 27.7 6.4 46.4

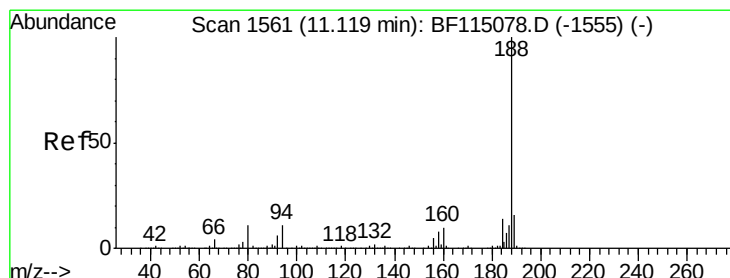
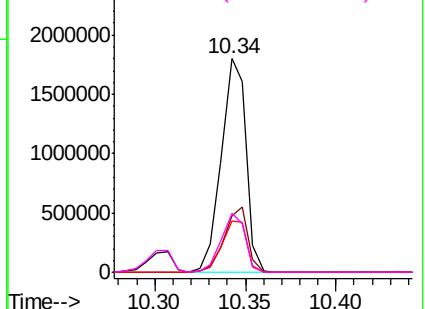
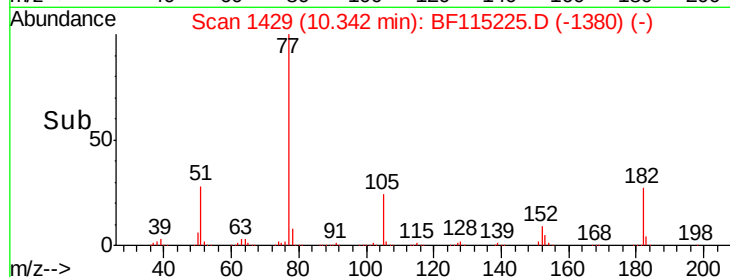


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115225.D

Acq: 26 Jun 2019 18:36

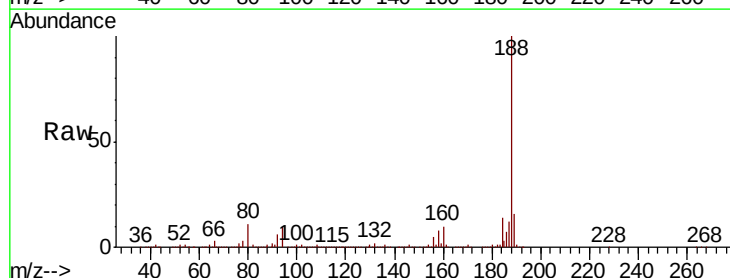
Tgt Ion: 188 Resp: 1237573

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	12.8
80	10.7	8.8	13.2

188 100

94 10.3 8.6 12.8

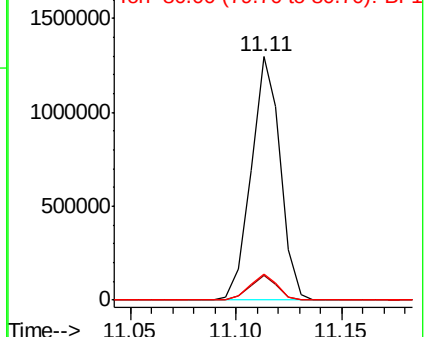
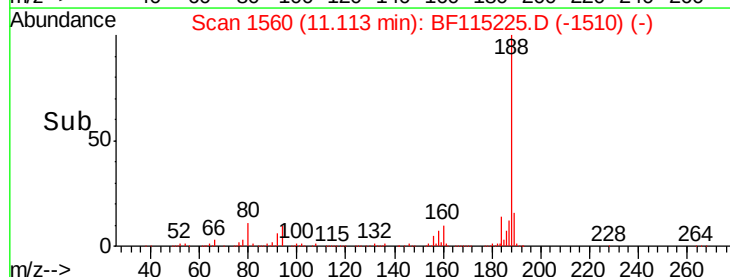
80 10.7 8.8 13.2

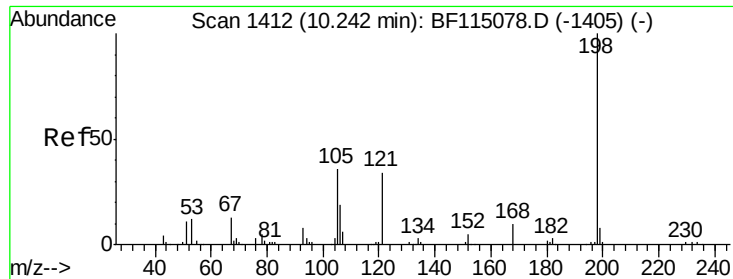


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

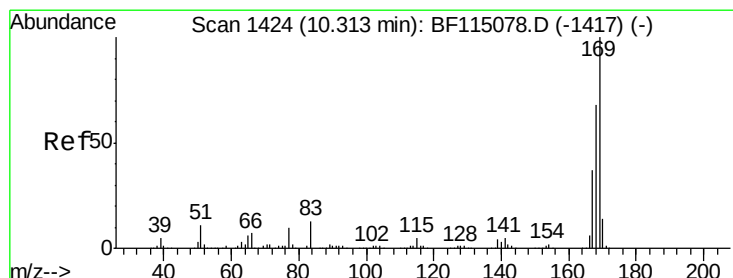
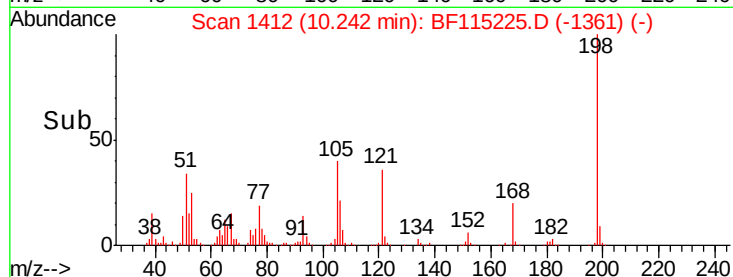
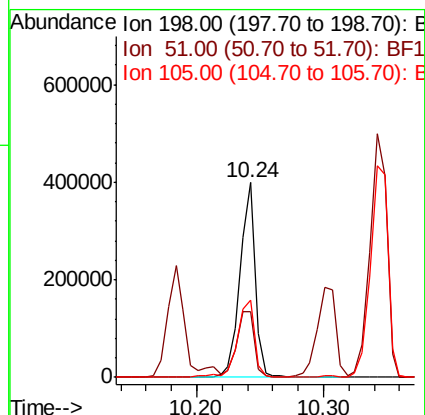
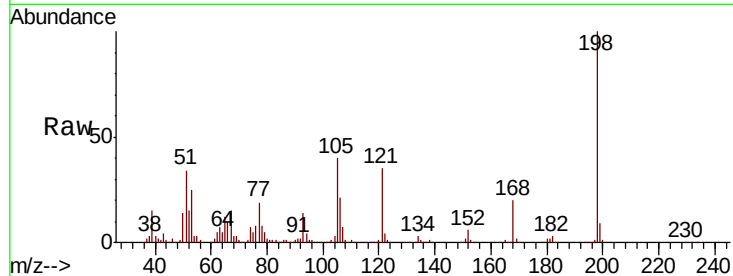




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.570 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

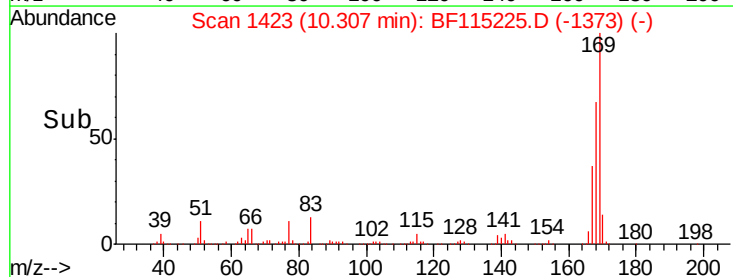
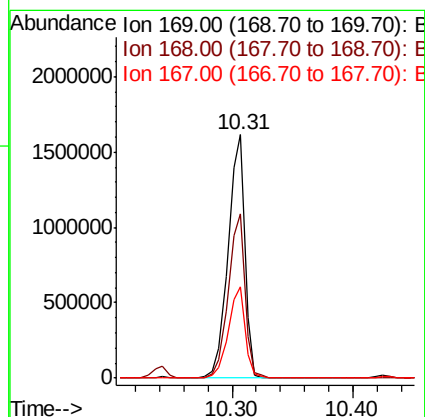
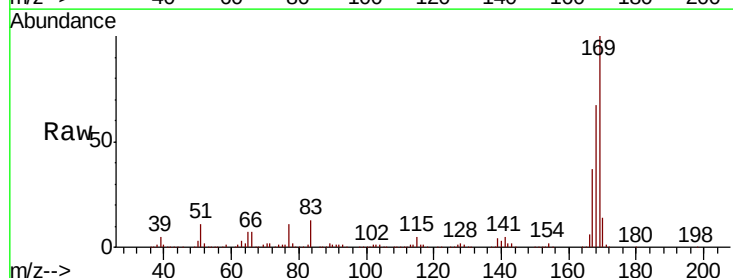
Instrument :
 BNA_F
 ClientSampleId :

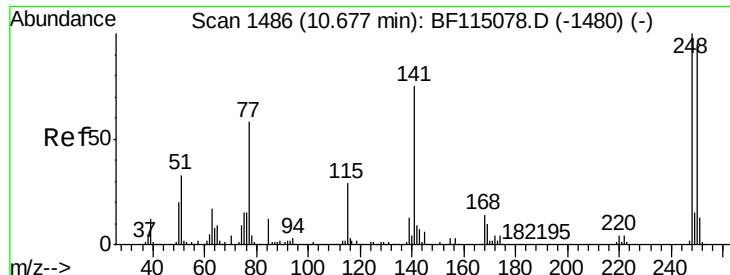
Tot Ion:198 Resp: 327609
 Ion Ratio Lower Upper
 198 100
 51 33.6 11.0 51.0
 105 39.6 17.3 57.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.926 ng
 RT: 10.31 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion:169 Resp: 1539398
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.4
 167 37.3 29.4 44.0

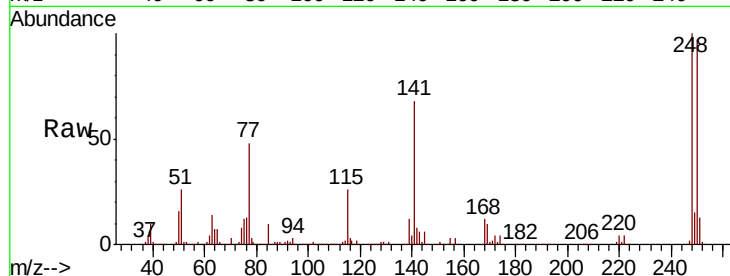




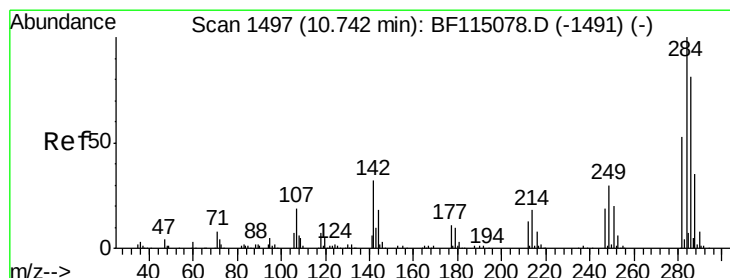
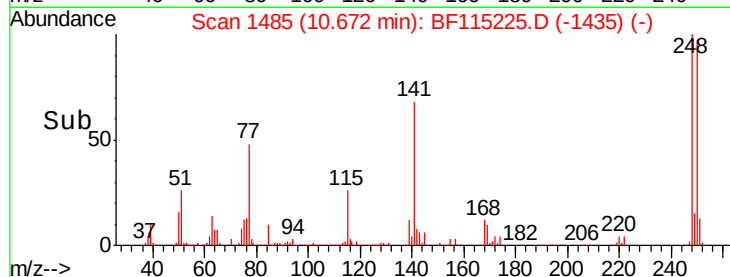
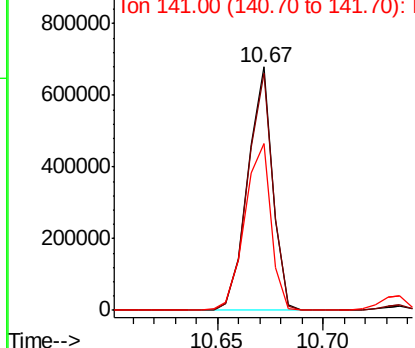
#67
 4-Bromophenyl-phenylether
 Concen: 41.614 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 558370
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.2 114.2
 141 68.3 59.6 89.4

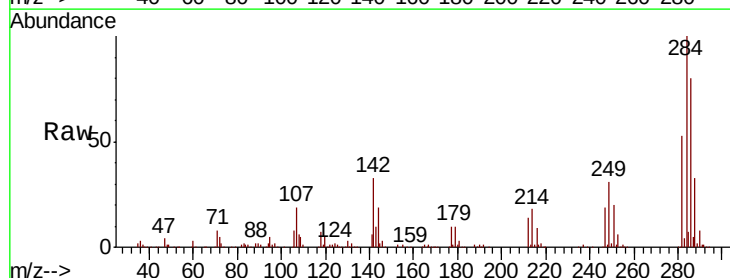


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

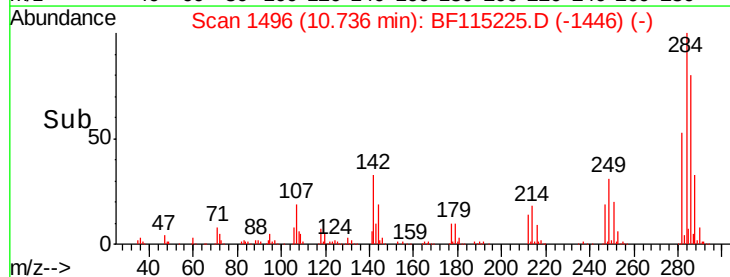
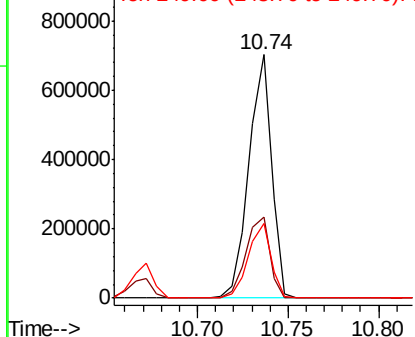


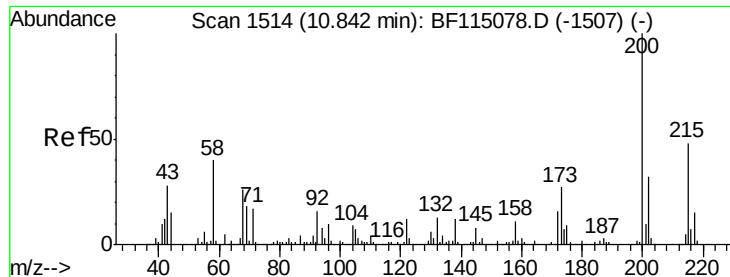
#68
 Hexachlorobenzene
 Concen: 42.101 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion:284 Resp: 613171
 Ion Ratio Lower Upper
 284 100
 142 33.2 25.8 38.8
 249 30.8 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

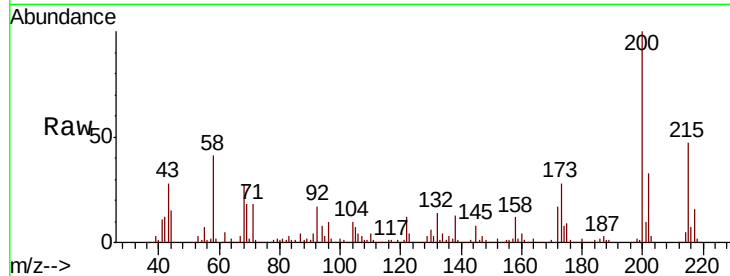




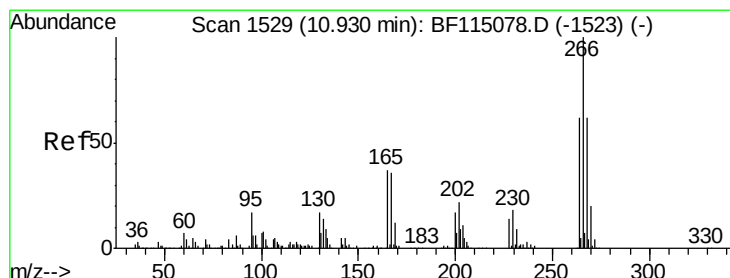
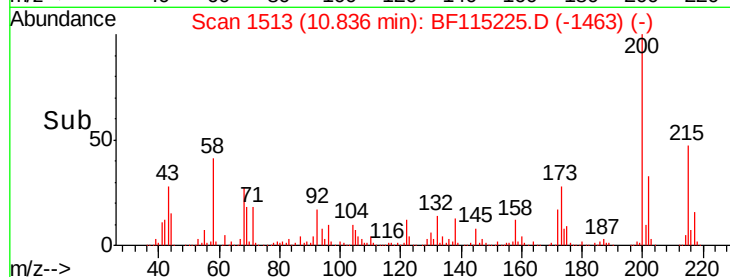
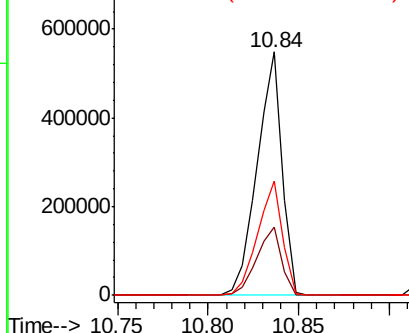
#69
 Atrazine
 Concen: 42.121 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	47.2	27.8	67.8

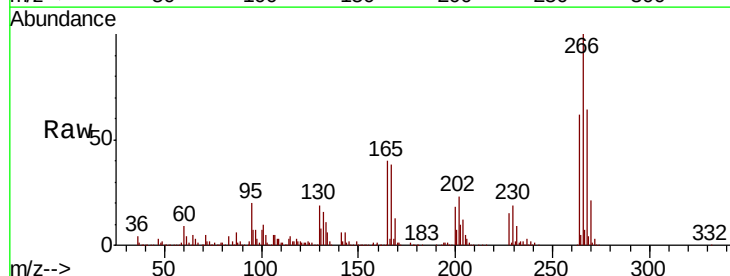


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

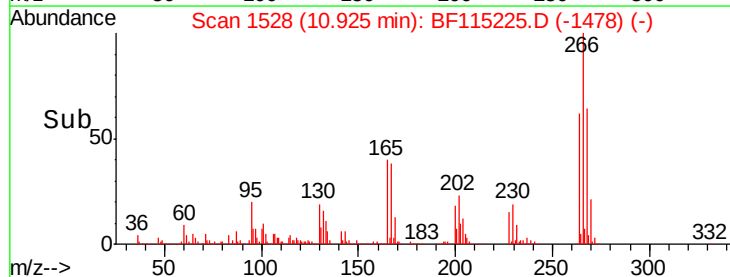
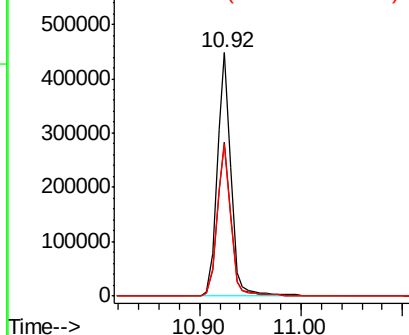


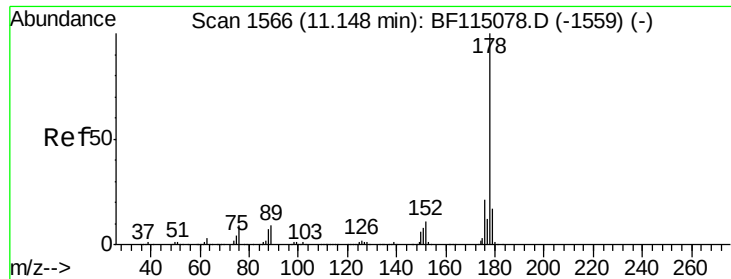
#70
 Pentachlorophenol
 Concen: 45.255 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.5	74.3
264	62.4	49.3	73.9



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





#71

Phenanthrene

Concen: 37.190 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

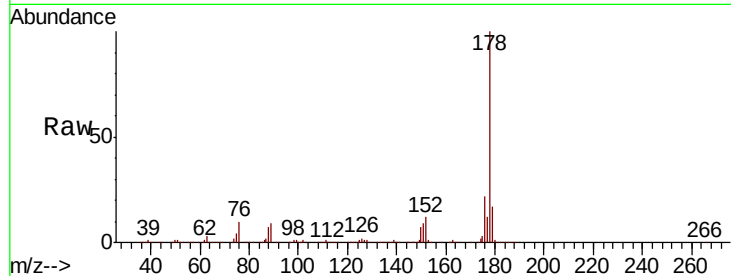
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2478078

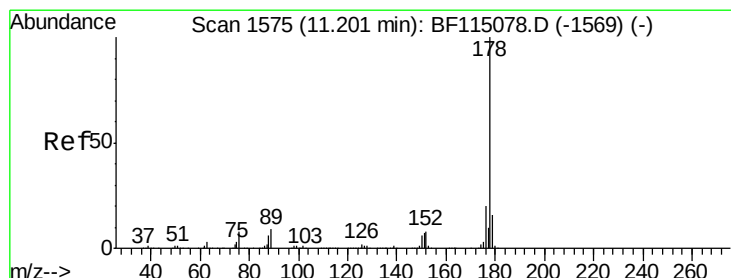
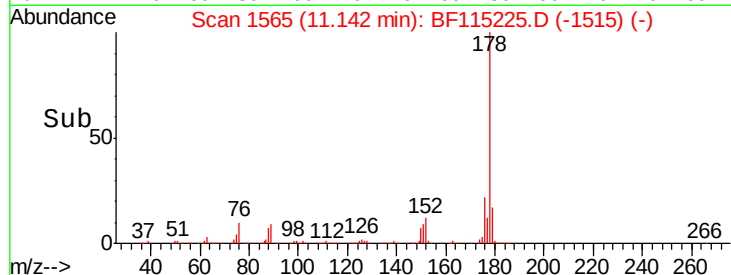
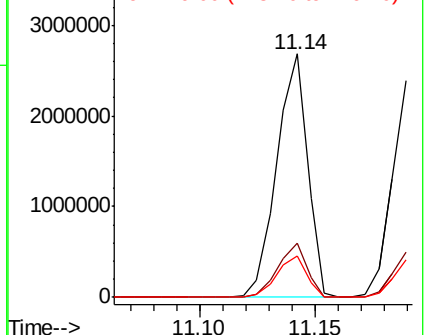
Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.9	25.3
179	16.9	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.536 ng

RT: 11.20 min Scan# 1574

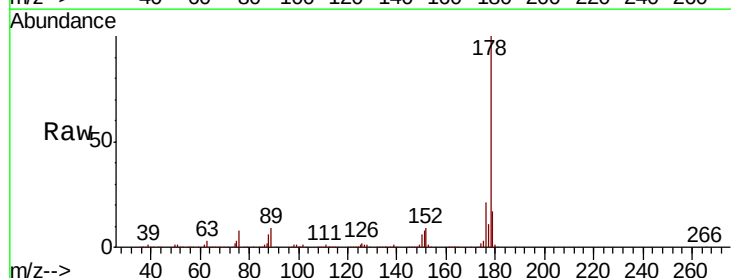
Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Tgt Ion:178 Resp: 2524685

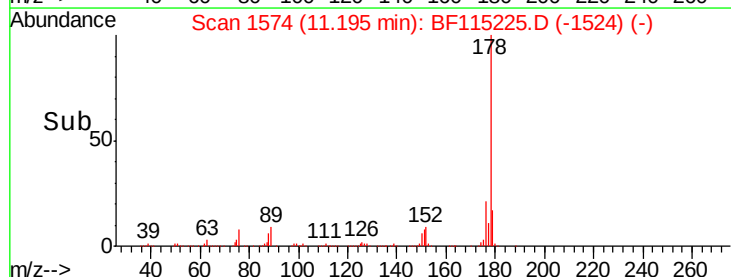
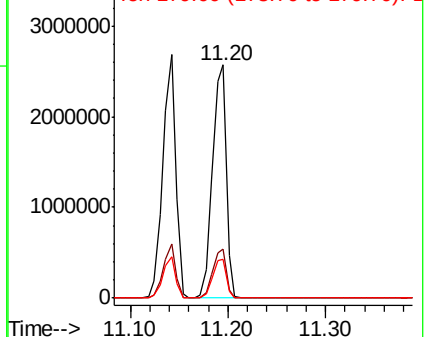
Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.1	24.1
179	16.9	12.9	19.3

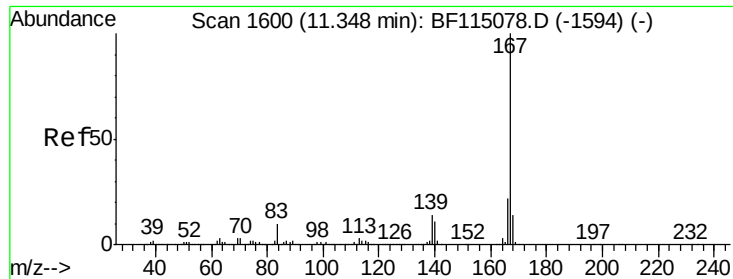


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

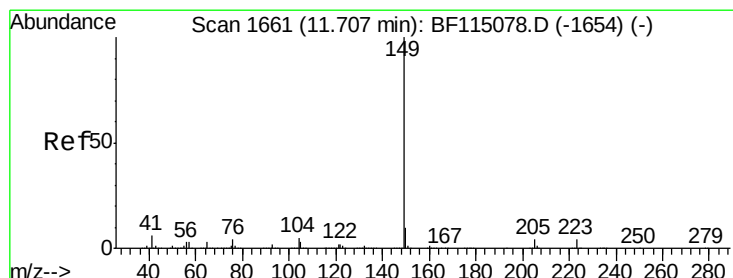
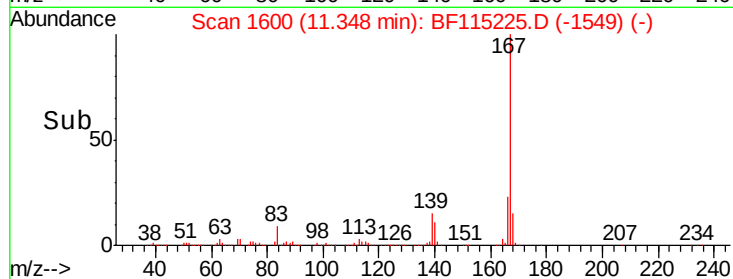
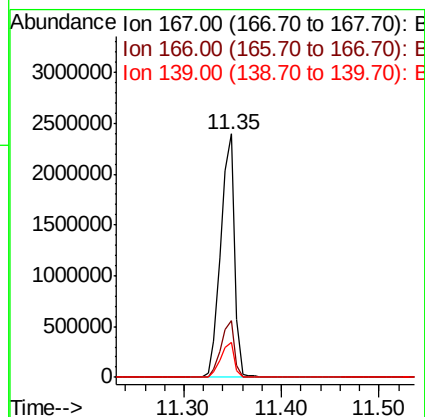
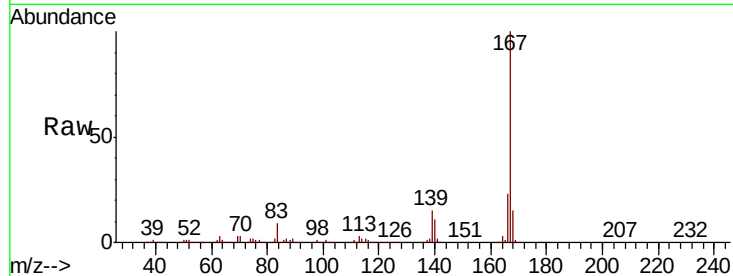




#73
 Carbazole
 Concen: 39.376 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

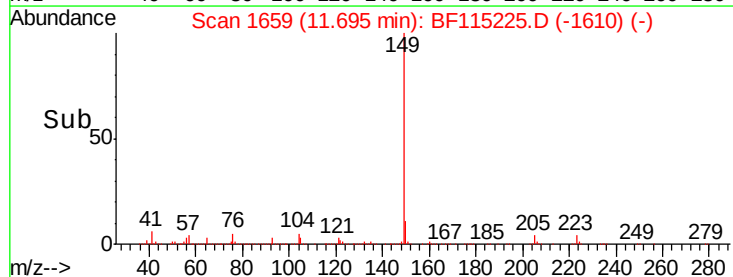
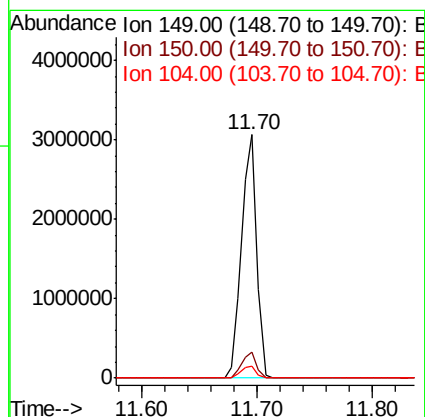
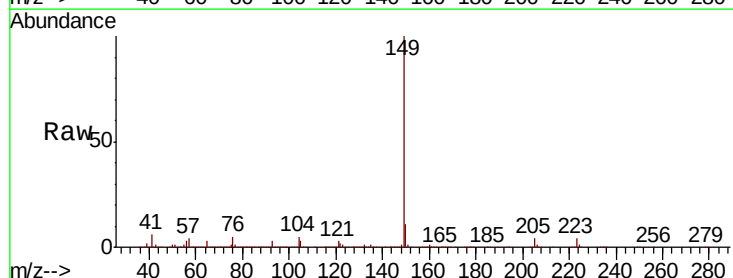
Instrument :
 BNA_F
 ClientSampleId :

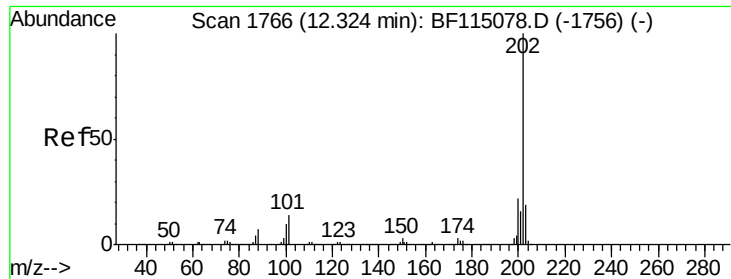
Tot Ion:167 Resp: 2365011
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 14.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.128 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion:149 Resp: 2785090
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.1 3.7 5.5





#75

Fluoranthene

Concen: 38.989 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampleId :

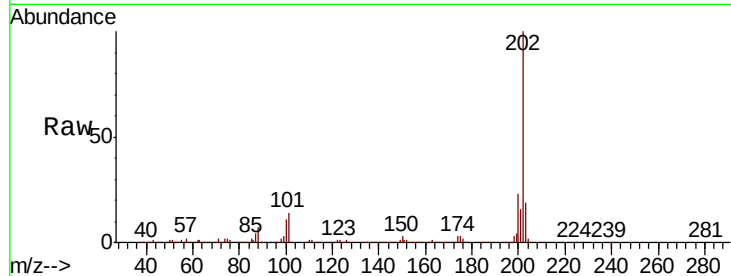
Tot Ion:202 Resp: 2592061

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.0

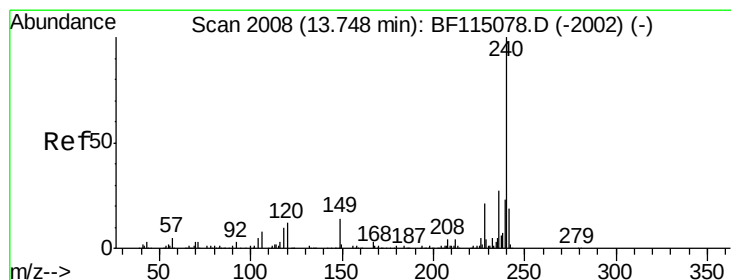
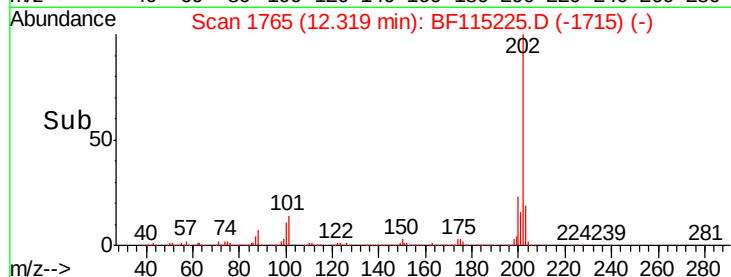
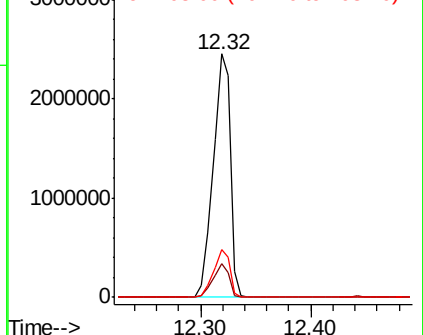
203 19.5 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

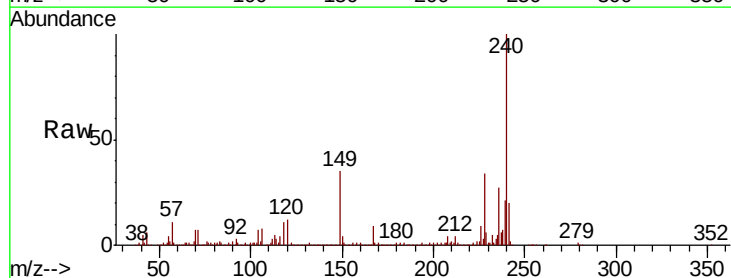
Tgt Ion:240 Resp: 864085

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

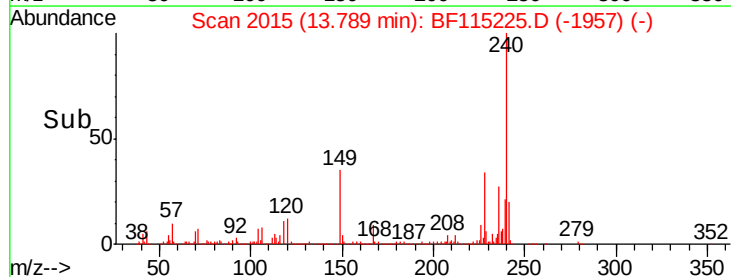
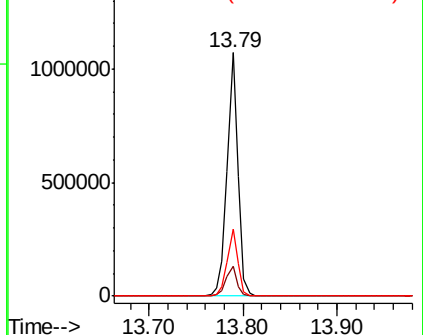
236 27.4 21.7 32.5

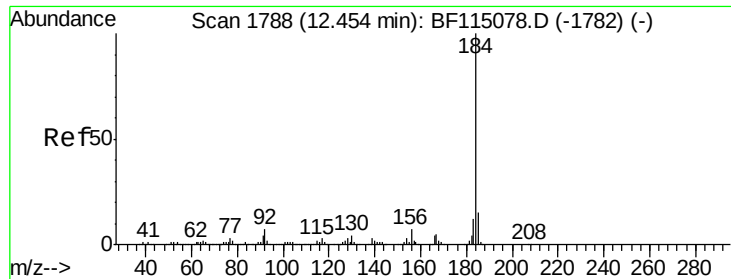


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.993 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

Instrument :

BNA_F

ClientSampleId :

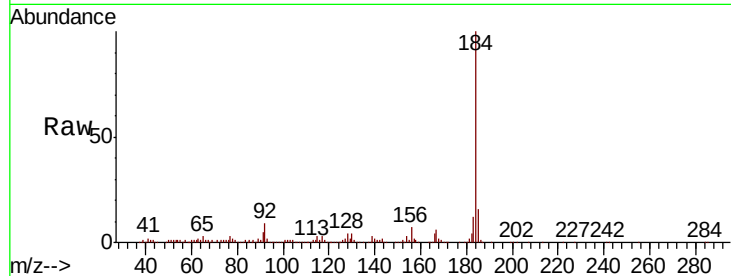
Tot Ion:184 Resp: 1496128

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

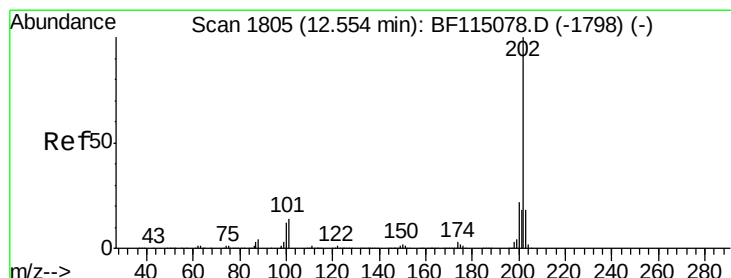
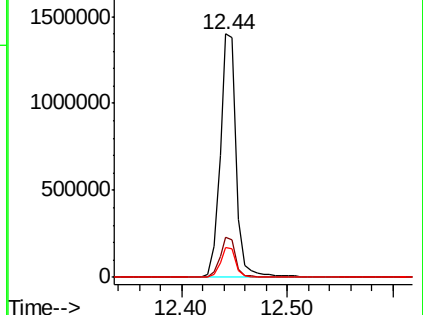
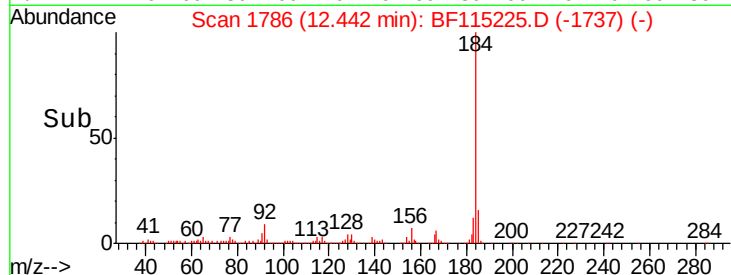
183 12.2 9.6 14.4



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: 40.111 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115225.D

Acq: 26 Jun 2019 18:36

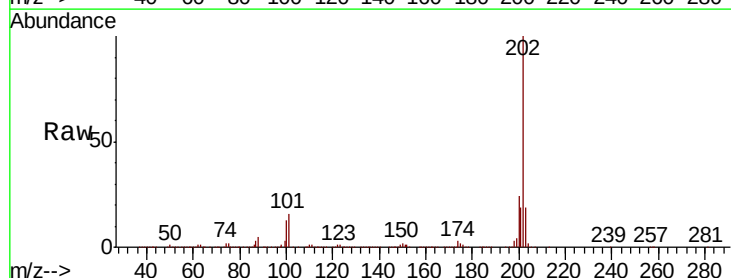
Tgt Ion:202 Resp: 2663603

Ion Ratio Lower Upper

202 100

200 23.6 17.9 26.9

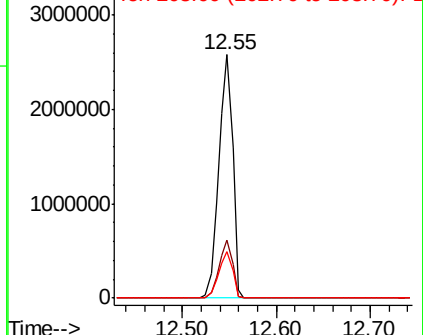
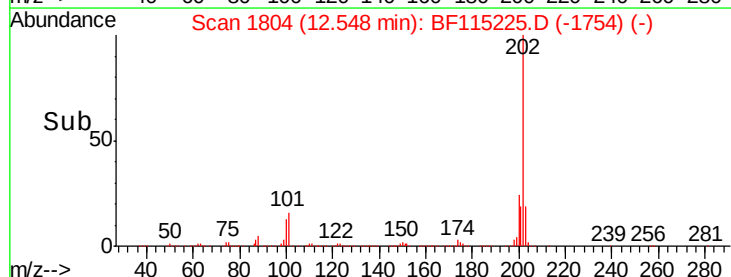
203 19.3 14.6 21.8

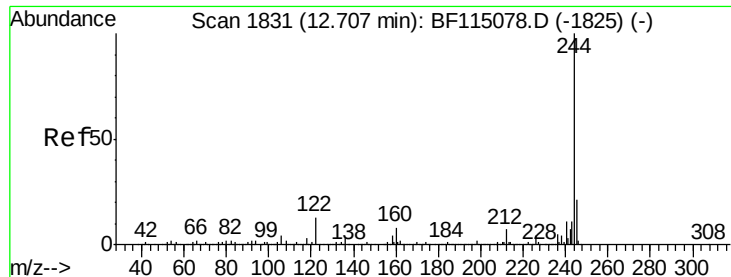


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

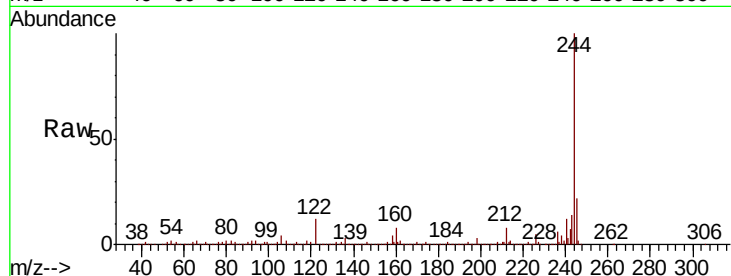




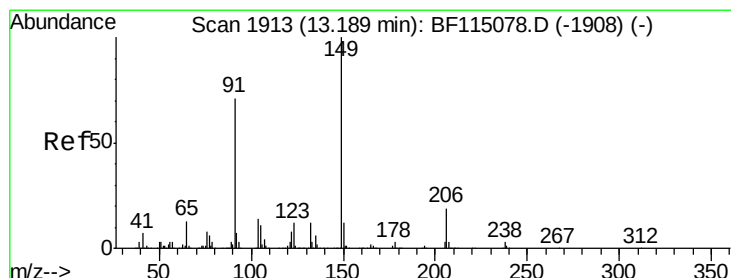
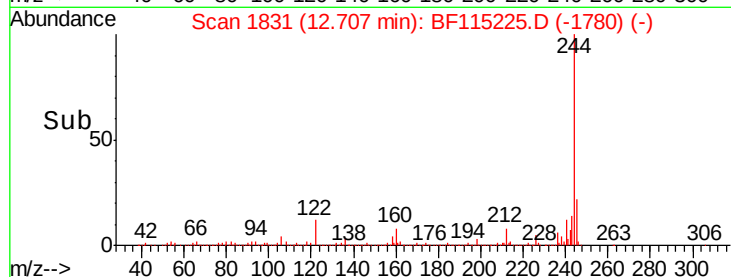
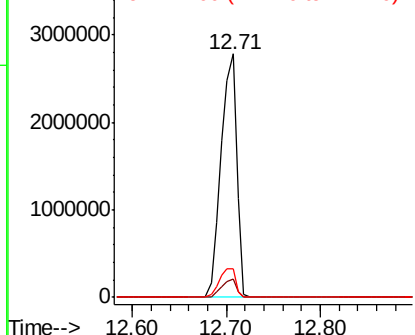
#79
 Terphenyl-d14
 Concen: 80.746 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3281557
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 12.0 10.4 15.6

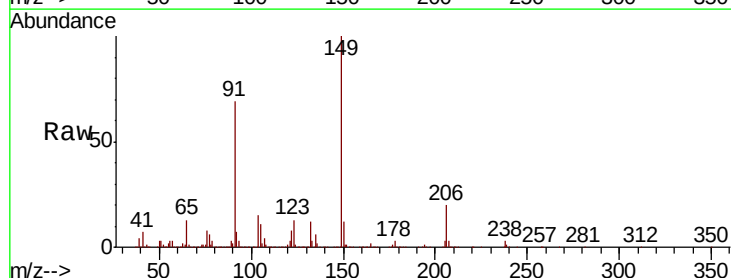


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

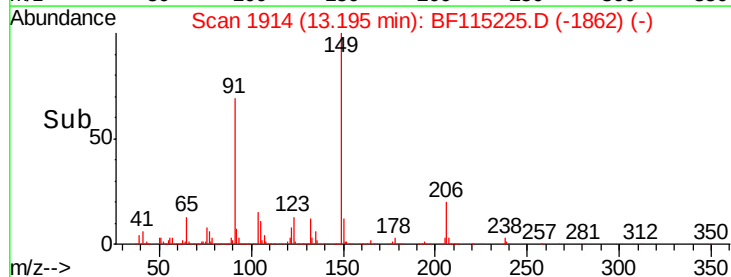
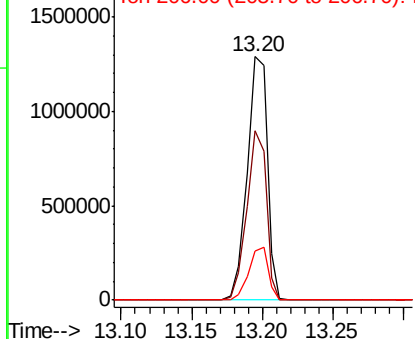


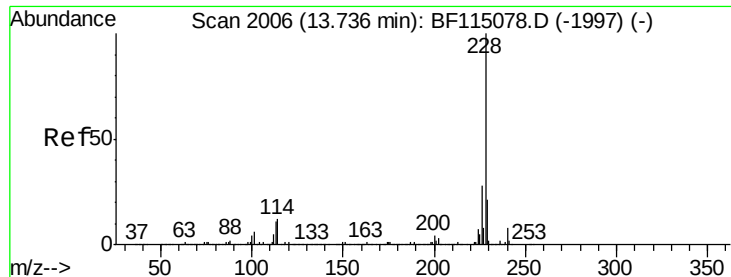
#80
 Butylbenzylphthalate
 Concen: 44.246 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BF115225.D
 Acq: 26 Jun 2019 18:36

Tgt Ion:149 Resp: 1296656
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.5 84.7
 206 20.1 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

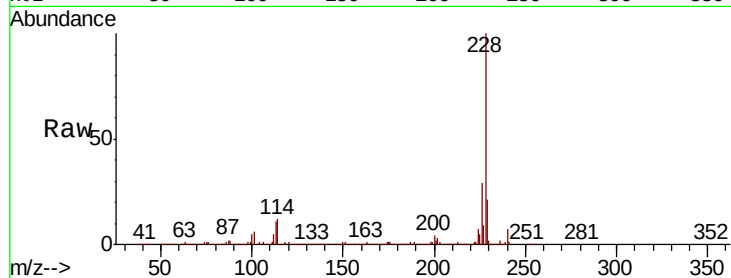




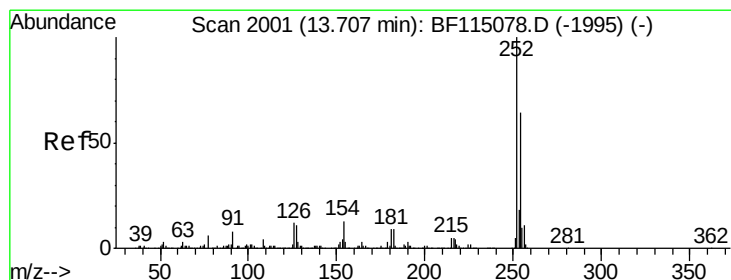
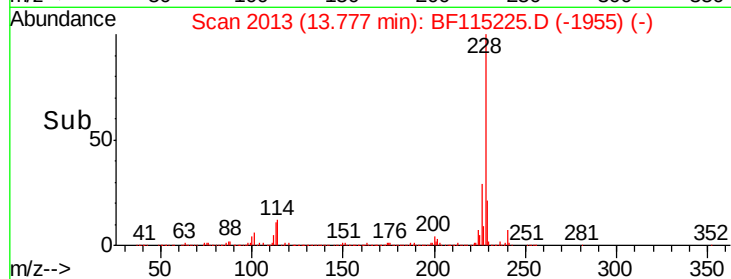
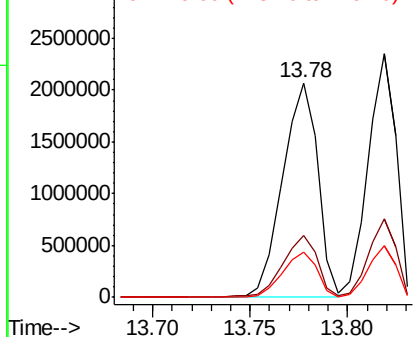
#81
Benzo(a)anthracene
Concen: 41.612 ng
RT: 13.78 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 2579957
Ion Ratio Lower Upper
228 100
226 29.1 22.5 33.7
229 21.2 16.6 24.8

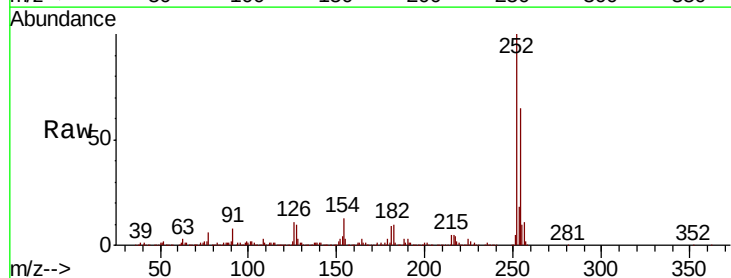


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

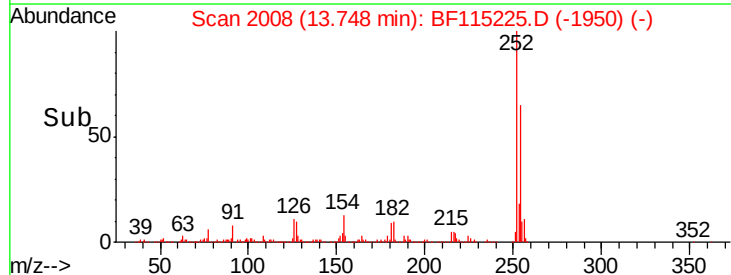
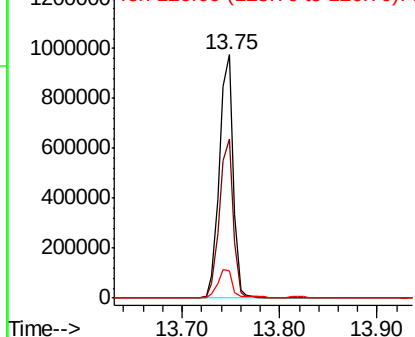


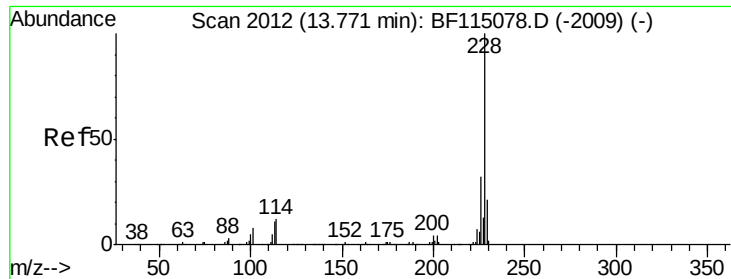
#82
3,3'-Dichlorobenzidine
Concen: 43.102 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:252 Resp: 965028
Ion Ratio Lower Upper
252 100
254 65.5 51.1 76.7
126 11.4 9.4 14.0



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

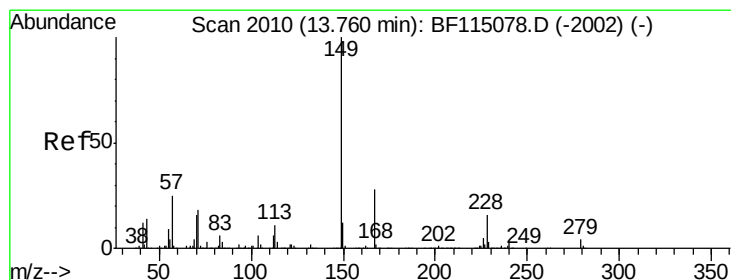
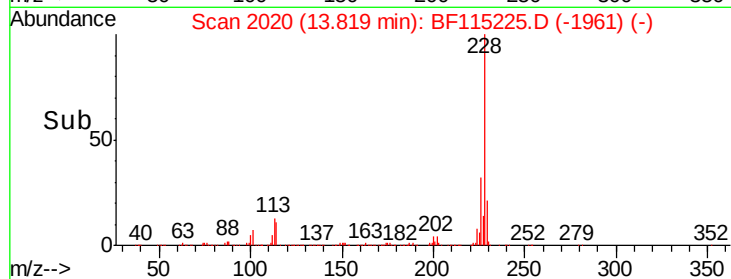
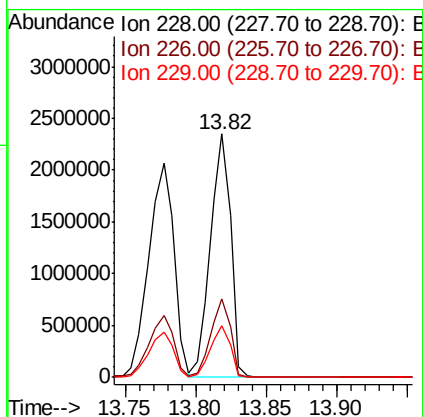
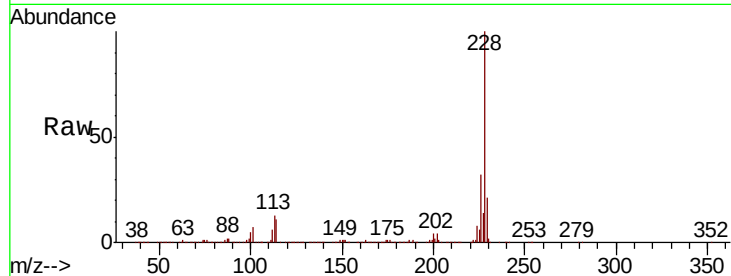




#83
Chrysene
Concen: 41.368 ng
RT: 13.82 min Scan# 2020
Delta R.T. 0.05 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

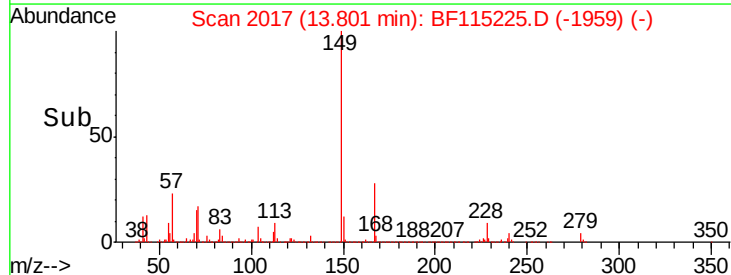
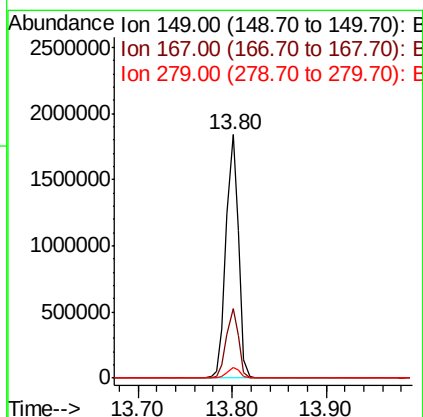
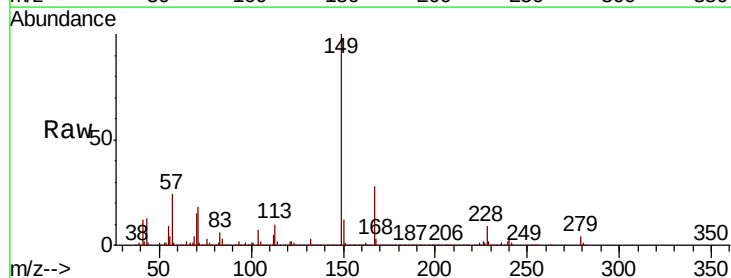
Instrument :
BNA_F
ClientSampleId :

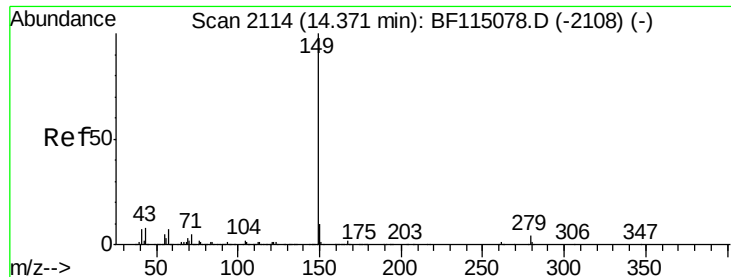
Tot Ion:228 Resp: 2349439
Ion Ratio Lower Upper
228 100
226 32.5 25.4 38.0
229 21.4 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.214 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:149 Resp: 1697804
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 4.2 2.9 4.3

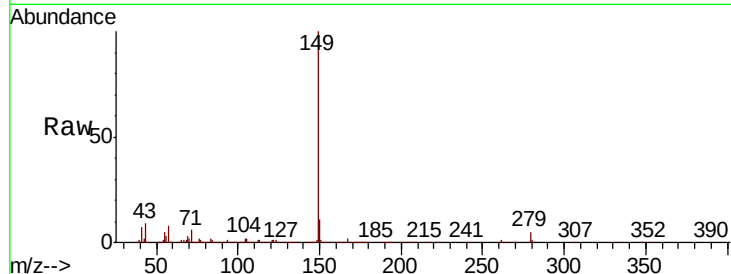




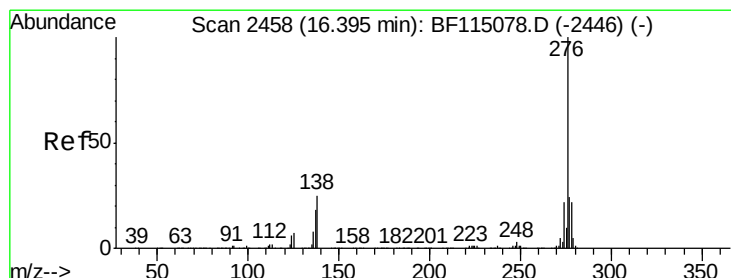
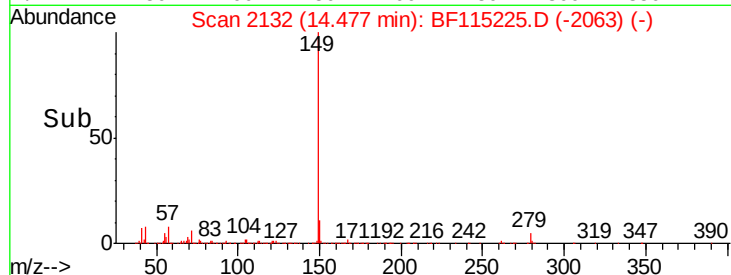
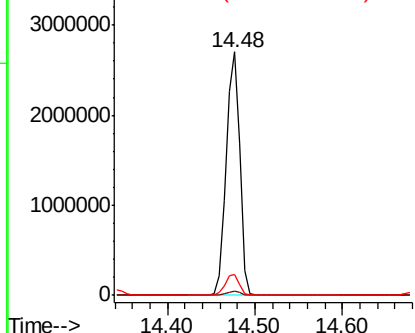
#85
Di-n-octyl phthalate
Concen: 45.281 ng
RT: 14.48 min Scan# 2132
Delta R.T. 0.11 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2921429
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.9 7.0 10.6

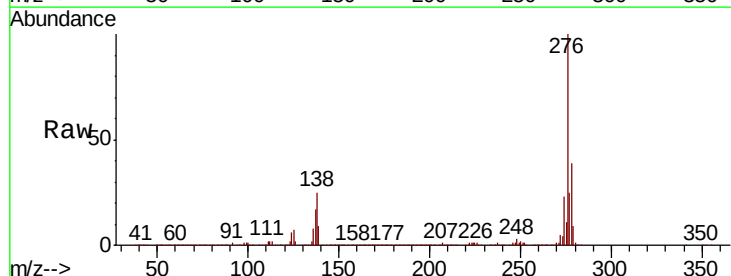


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

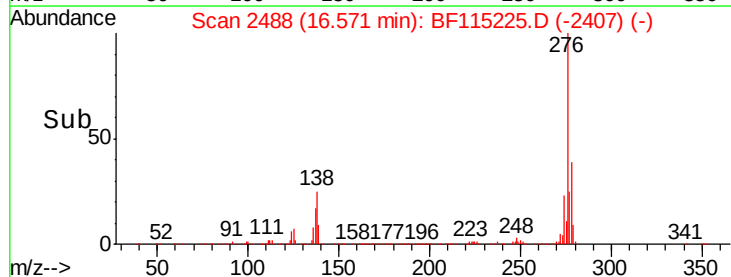
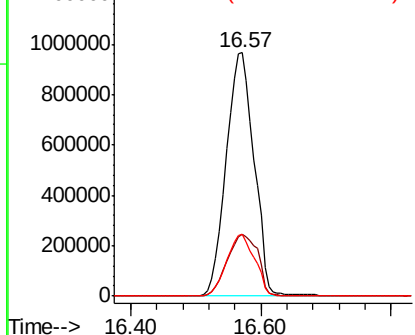


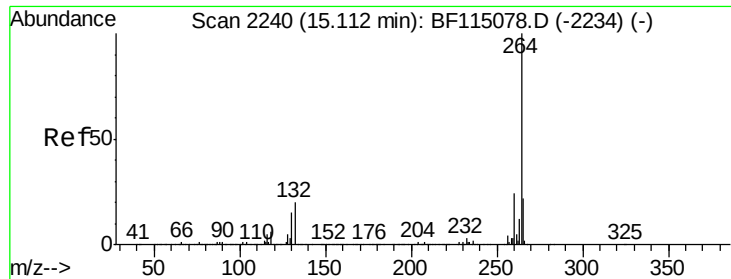
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.704 ng
RT: 16.57 min Scan# 2488
Delta R.T. 0.18 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:276 Resp: 2869892
Ion Ratio Lower Upper
276 100
138 28.1 23.2 34.8
277 25.8 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

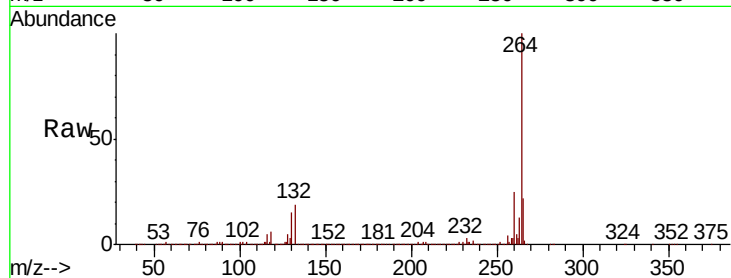




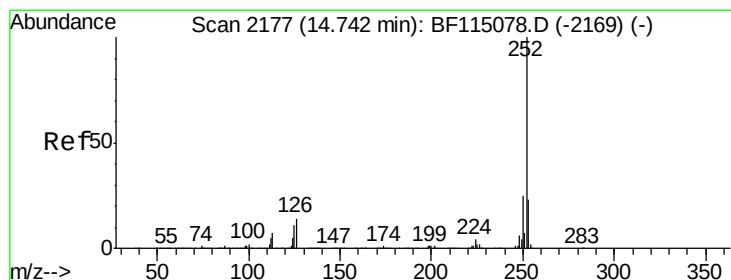
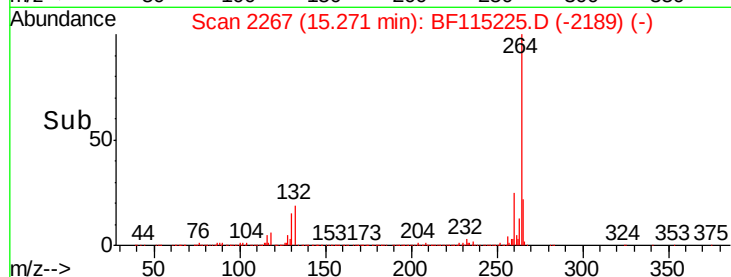
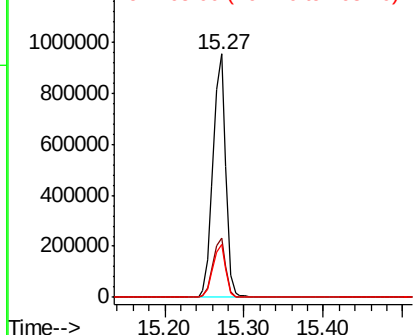
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2267
Delta R.T. 0.16 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1069842
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.9 17.3 25.9

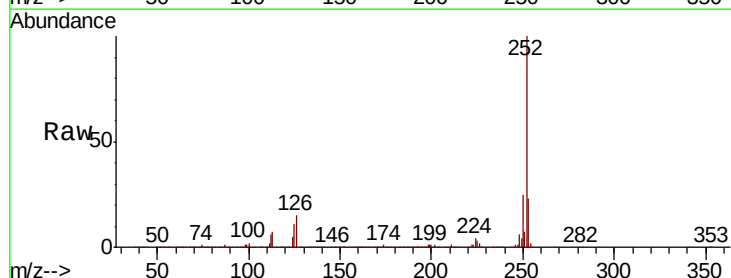


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

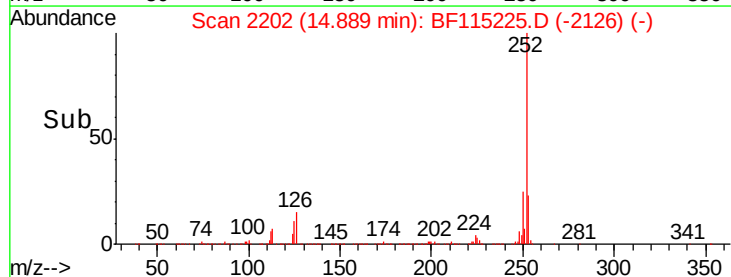
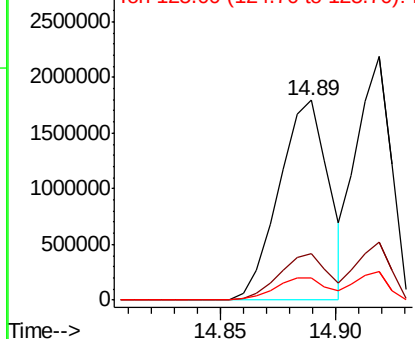


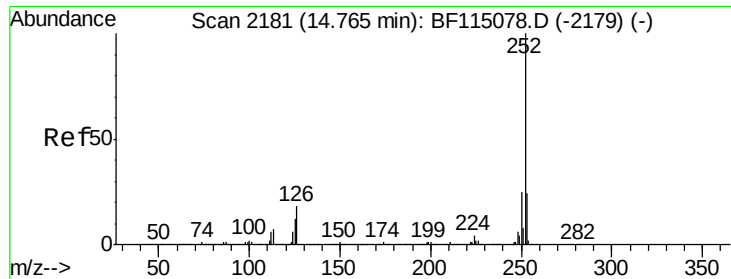
#88
Benzo(b)fluoranthene
Concen: 40.183 ng
RT: 14.89 min Scan# 2202
Delta R.T. 0.15 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:252 Resp: 2682423
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.1 8.7 13.1



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

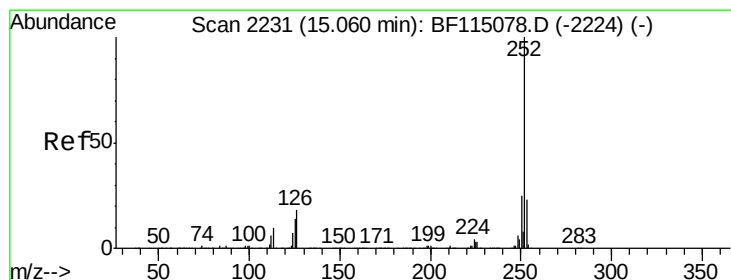
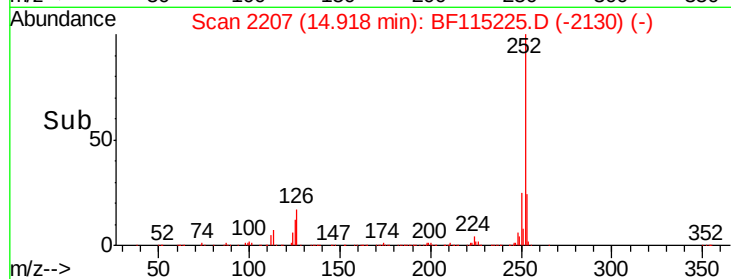
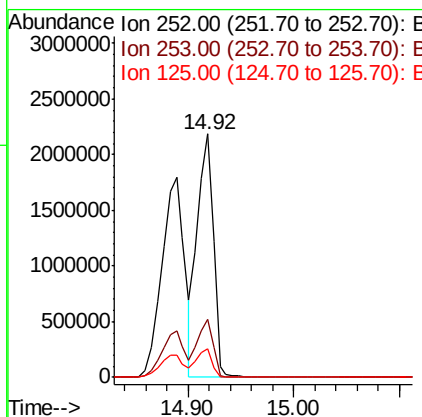
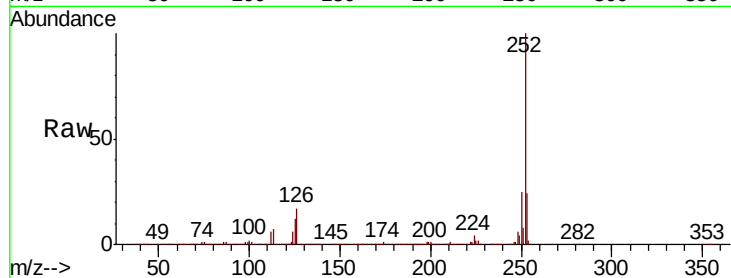




#89
Benzo(k)fluoranthene
Concen: 38.284 ng
RT: 14.92 min Scan# 2207
Delta R.T. 0.15 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

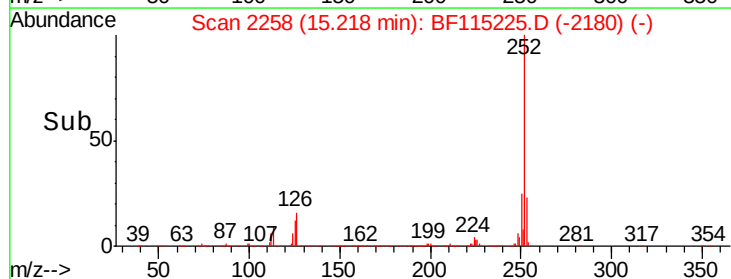
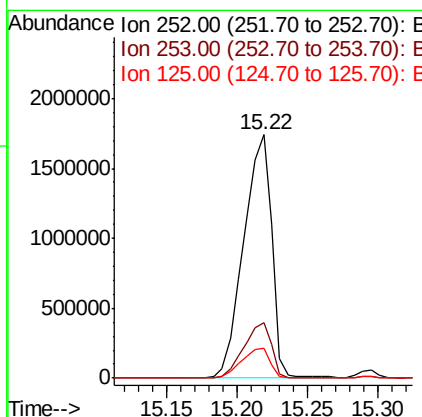
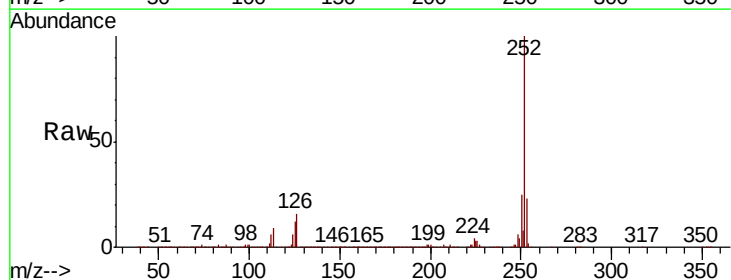
Instrument :
BNA_F
ClientSampled :

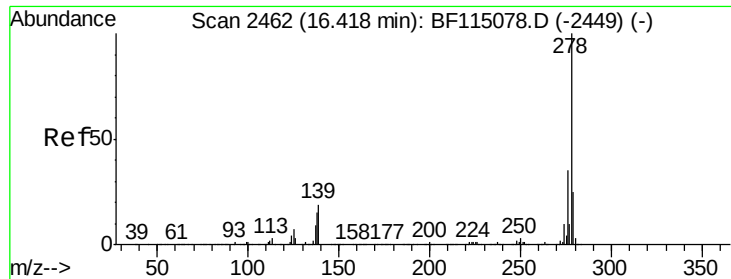
Tot Ion:252 Resp: 2291895
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 11.6 10.2 15.2



#90
Benzo(a)pyrene
Concen: 40.253 ng
RT: 15.22 min Scan# 2258
Delta R.T. 0.16 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:252 Resp: 2421899
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 12.5 10.9 16.3



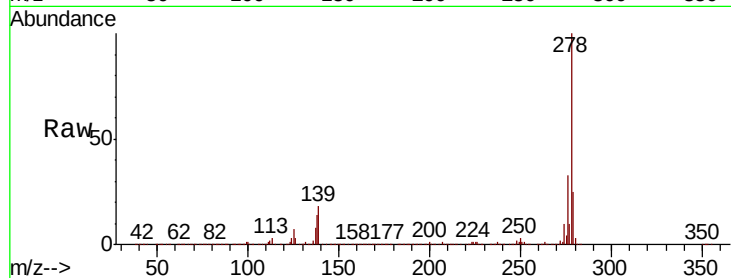


#91
Dibenzo(a,h)anthracene
Concen: 41.196 ng
RT: 16.59 min Scan# 2492
Delta R.T. 0.18 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

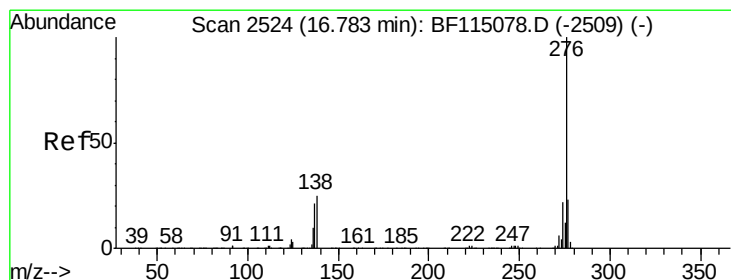
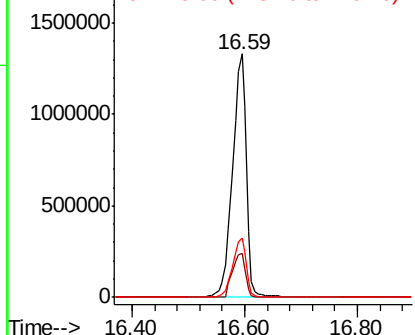
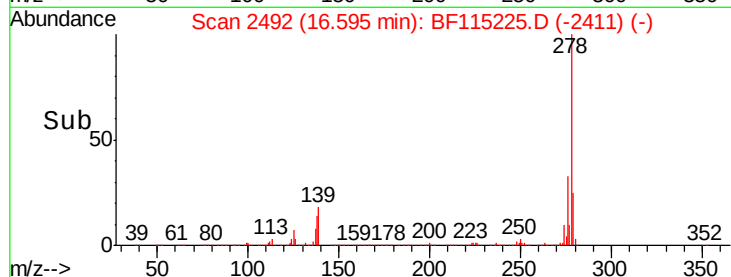
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2313989

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.6	19.9	29.9



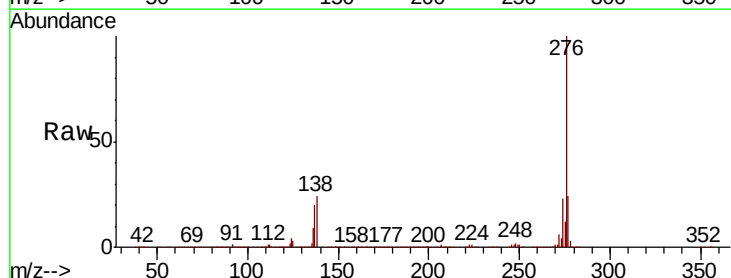
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.864 ng
RT: 16.96 min Scan# 2554
Delta R.T. 0.18 min
Lab File: BF115225.D
Acq: 26 Jun 2019 18:36

Tgt Ion:276 Resp: 2323138

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	23.8	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

