

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111190.D
 Acq On : 7 Dec 2018 16:43
 Operator : JU/SJ
 Sample : PB115343BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 18:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 16:40:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	401906	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1613144	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	749384	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1273030	20.00	ng	0.00
76) Chrysene-d12	13.96	240	799089	20.00	ng	0.01
87) Perylene-d12	15.40	264	592003	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	2990589	116.11	ng	0.02
7) Phenol-d6	6.44	99	3824853	115.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	1998706	73.35	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	803810	134.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3306025	80.98	ng	0.00
79) Terphenyl-d14	12.91	244	2969567	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	478903	32.326	ng	98
3) Pyridine	3.38	79	1308322	39.819	ng	96
4) n-Nitrosodimethylamine	3.32	42	689184	42.602	ng	94
6) Aniline	6.47	93	1412844	31.874	ng	98
8) 2-Chlorophenol	6.59	128	1217387	41.008	ng	95
9) Benzaldehyde	6.35	77	505059	25.345	ng	99
10) Phenol	6.45	94	1493261	41.278	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	1151870	38.958	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1259909	39.906	ng	96
13) 1,4-Dichlorobenzene	6.82	146	1280463	40.301	ng	99
14) 1,2-Dichlorobenzene	6.98	146	1202989	40.703	ng	99
15) Benzyl Alcohol	6.95	79	1050136	39.947	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2288384	39.788	ng	99
17) 2-Methylphenol	7.06	107	1003310	41.172	ng	99
18) Hexachloroethane	7.32	117	487565	40.907	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	859461	38.547	ng	98
20) 3+4-Methylphenols	7.21	107	1189127	40.009	ng	95
22) Acetophenone	7.22	105	1625695	41.703	ng	# 92
24) Nitrobenzene	7.39	77	1287828	43.933	ng	99
25) Isophorone	7.63	82	2311939	46.234	ng	100
26) 2-Nitrophenol	7.70	139	620796	50.121	ng	92
27) 2,4-Dimethylphenol	7.75	122	1163181	49.865	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1470050	43.426	ng	99
29) 2,4-Dichlorophenol	7.95	162	1001018	43.590	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	998355	43.072	ng	98
31) Naphthalene	8.11	128	3401160	48.426	ng	98
32) Benzoic acid	7.86	122	708756	46.076	ng	96
33) 4-Chloroaniline	8.15	127	811470	23.902	ng	96
34) Hexachlorobutadiene	8.23	225	539001	42.790	ng	98
35) Caprolactam	8.52	113	202361	24.000	ng	90
36) 4-Chloro-3-methylphenol	8.64	107	1071599	42.602	ng	100
37) 2-Methylnaphthalene	8.80	142	2294741	47.366	ng	98
38) 1-Methylnaphthalene	8.90	142	2177572	46.751	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	823904	41.252	ng	99

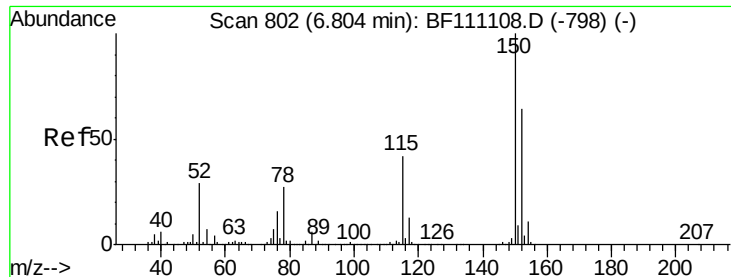
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1069005	101.507	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	659689	45.224	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	672244	45.462	ng	98
46) 1,1'-Biphenyl	9.27	154	2534077	41.308	ng	98
47) 2-Chloronaphthalene	9.29	162	2032568	42.638	ng	97
48) 2-Nitroaniline	9.38	65	703023	45.507	ng	97
49) Acenaphthylene	9.70	152	3191407	47.895	ng	99
50) Dimethylphthalate	9.57	163	2301243	44.124	ng	99
51) 2,6-Dinitrotoluene	9.62	165	535954	48.470	ng	91
52) Acenaphthene	9.88	154	2083527	47.331	ng	100
53) 3-Nitroaniline	9.79	138	436571	31.432	ng	99
54) 2,4-Dinitrophenol	9.90	184	407794	113.389	ng	# 65
55) Dibenzofuran	10.05	168	2753750	45.417	ng	97
56) 4-Nitrophenol	9.95	139	918719	87.776	ng	96
57) 2,4-Dinitrotoluene	10.03	165	700033	49.019	ng	99
58) Fluorene	10.39	166	2043406	47.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	557706	50.533	ng	95
60) Diethylphthalate	10.27	149	2284718	43.835	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	931255	44.196	ng	96
62) 4-Nitroaniline	10.40	138	576613	45.997	ng	98
63) Azobenzene	10.55	77	2324420	41.889	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	272943	51.897	ng	98
66) n-Nitrosodiphenylamine	10.50	169	1889230	42.383	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	577196	42.832	ng	94
68) Hexachlorobenzene	10.95	284	597015	43.327	ng	97
69) Atrazine	11.03	200	599046	50.484	ng	96
70) Pentachlorophenol	11.13	266	703654	77.653	ng	99
71) Phenanthrene	11.35	178	2914872	47.602	ng	98
72) Anthracene	11.40	178	2996903	48.553	ng	98
73) Carbazole	11.55	167	2784557	43.355	ng	98
74) Di-n-butylphthalate	11.89	149	3290047	43.761	ng	99
75) Fluoranthene	12.54	202	2826239	47.167	ng	97
77) Benzidine	12.65	184	1298221	48.718	ng	99
78) Pyrene	12.76	202	2882049	46.294	ng	97
80) Butylbenzylphthalate	13.39	149	1386767	46.111	ng	97
81) Benzo(a)anthracene	13.95	228	2121831	45.320	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	498115	28.192	ng	100
83) Chrysene	13.99	228	2110179	45.401	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1585216	43.638	ng	# 97
85) Di-n-octyl phthalate	14.57	149	2617360	45.833	ng	97
86) Indeno(1,2,3-cd)pyrene	16.83	276	1623397	43.502	ng	# 88
88) Benzo(b)fluoranthene	15.00	252	1754196	52.293	ng	99
89) Benzo(k)fluoranthene	15.02	252	1587678	48.958	ng	99
90) Benzo(a)pyrene	15.35	252	1533394	49.835	ng	98
91) Dibenzo(a,h)anthracene	16.84	278	1340430	51.912	ng	99
92) Benzo(g,h,i)perylene	17.26	276	1388651	53.517	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

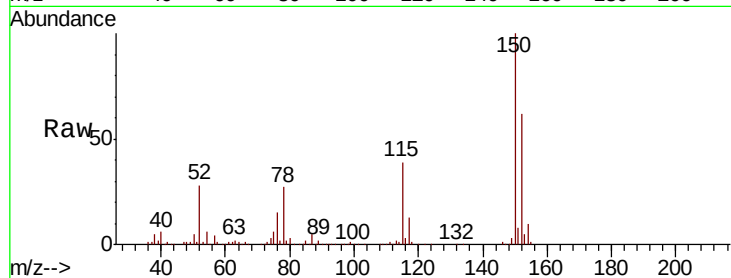
Tot Ion:152 Resp: 401906

Ion Ratio Lower Upper

152 100

150 161.1 124.6 187.0

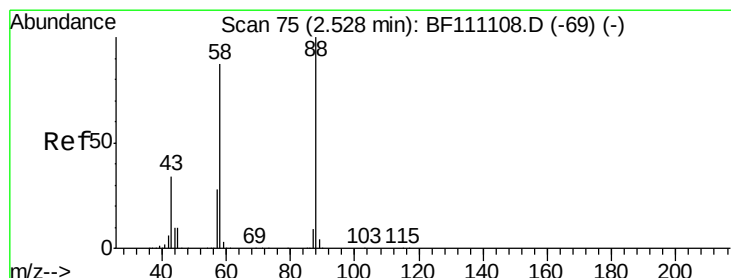
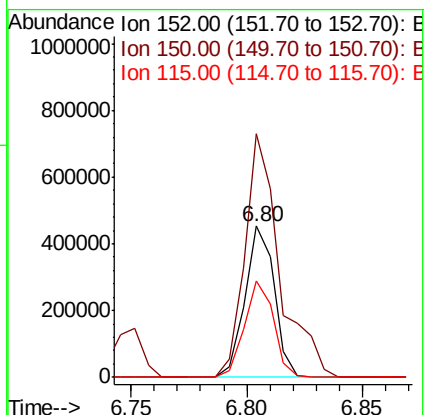
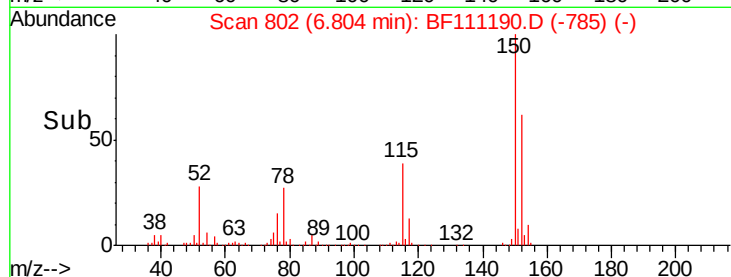
115 63.5 52.2 78.2



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: 32.326 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.12 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

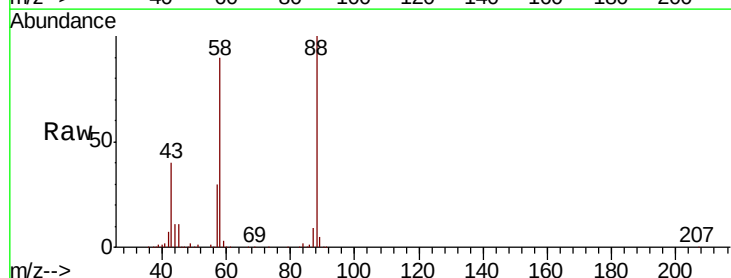
Tgt Ion: 88 Resp: 478903

Ion Ratio Lower Upper

88 100

58 89.5 70.8 106.2

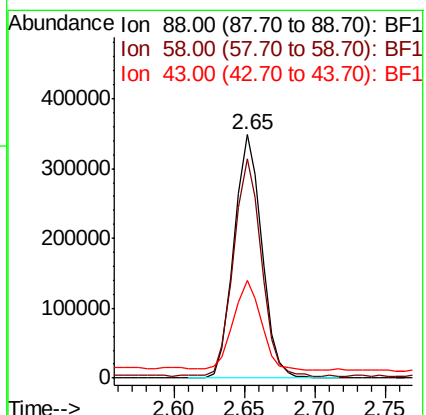
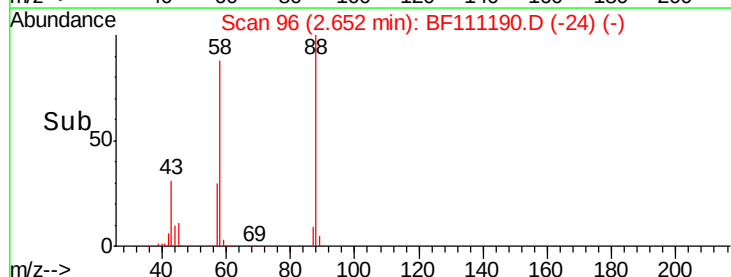
43 37.6 28.3 42.5

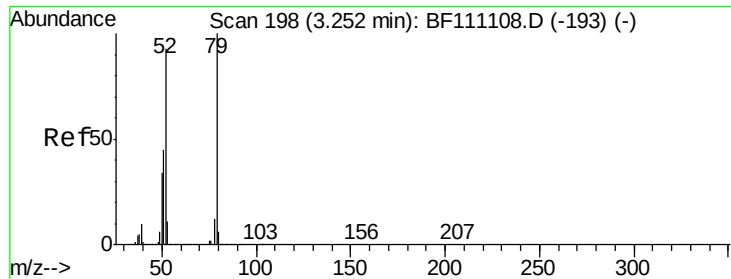


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

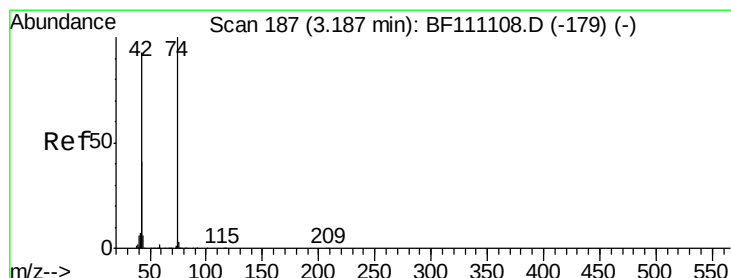
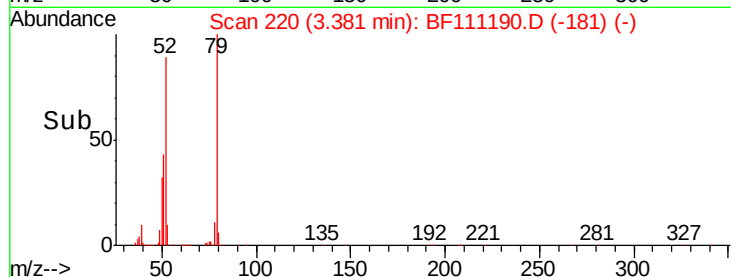
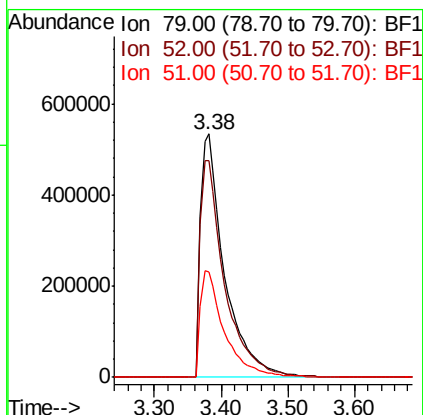
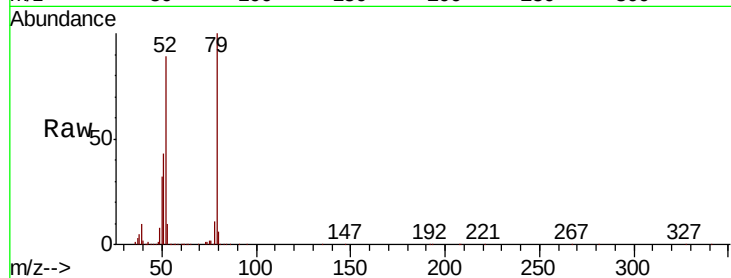




#3
 Pvridine
 Concen: 39.819 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

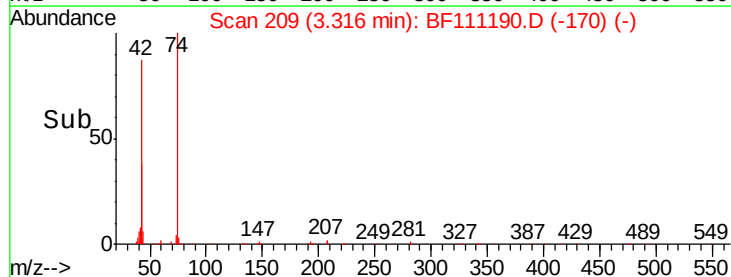
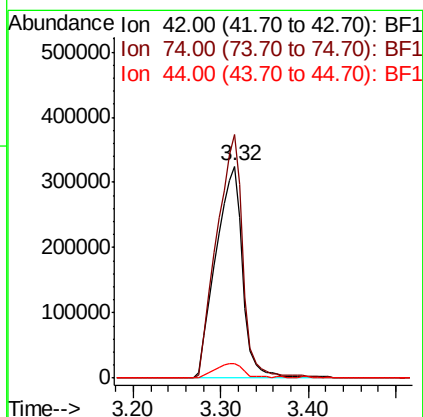
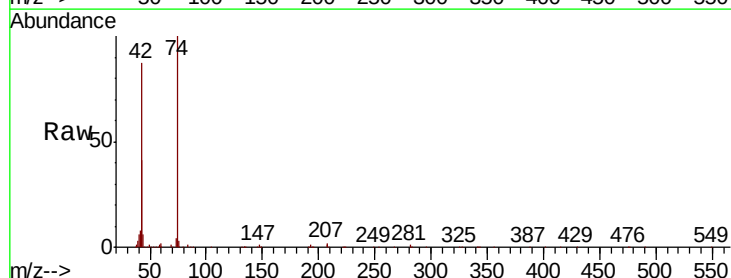
Instrument :
 BNA_F
 ClientSampleId :

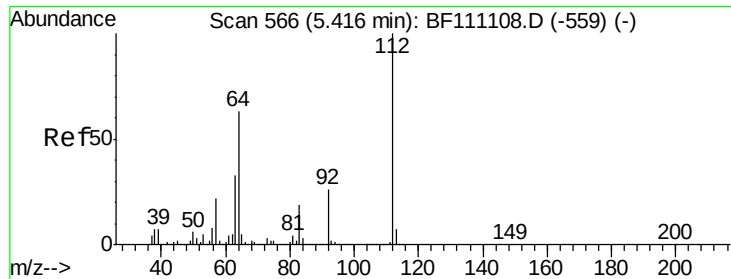
Tot Ion: 79 Resp: 1308322
 Ion Ratio Lower Upper
 79 100
 52 89.0 74.7 112.1
 51 43.2 35.9 53.9



#4
 n-Nitrosodimethylamine
 Concen: 42.602 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.13 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Tgt Ion: 42 Resp: 689184
 Ion Ratio Lower Upper
 42 100
 74 114.8 86.2 129.2
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 116.114 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

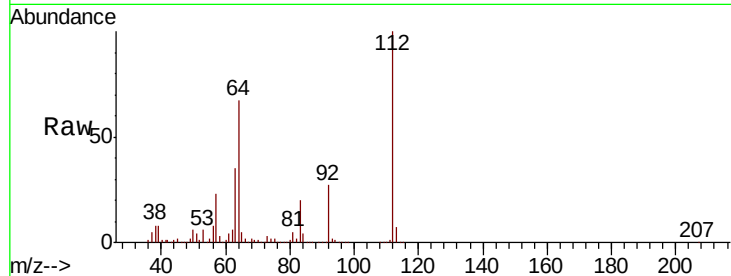
Tot Ion:112 Resp: 2990589

Ion Ratio Lower Upper

112 100

64 66.5 50.2 75.4

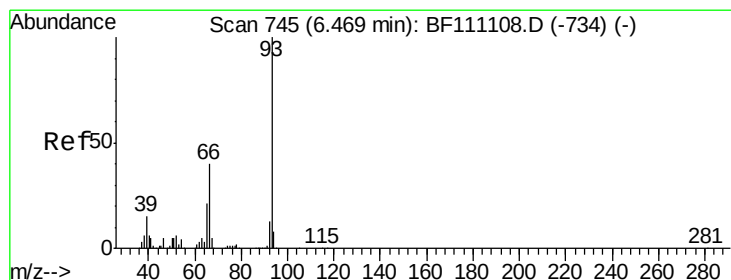
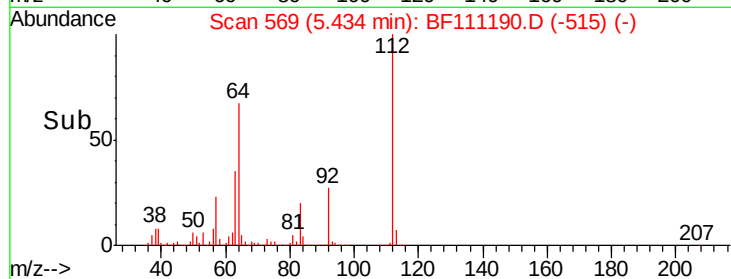
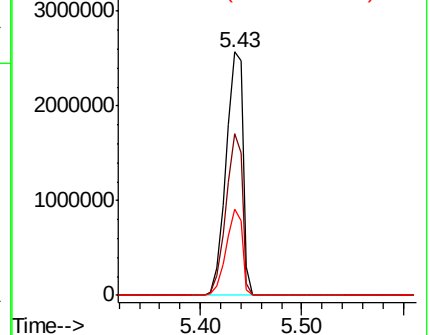
63 35.5 26.6 39.8



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: 31.874 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

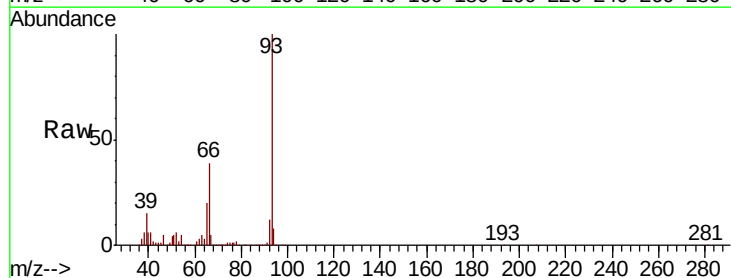
Tgt Ion: 93 Resp: 1412844

Ion Ratio Lower Upper

93 100

66 38.7 31.8 47.8

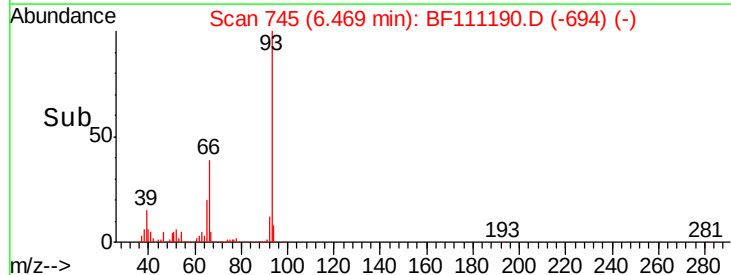
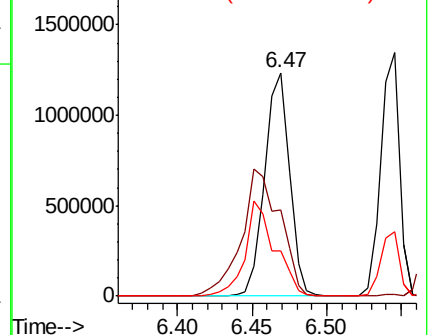
65 20.3 16.6 24.8

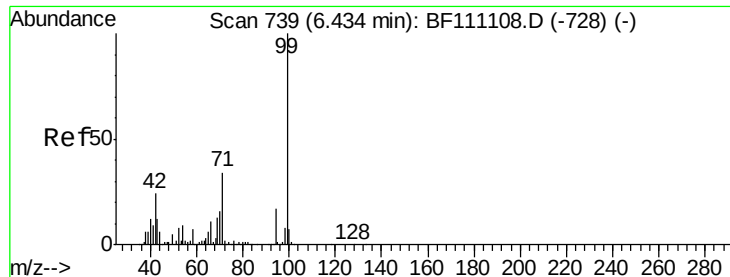


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.284 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

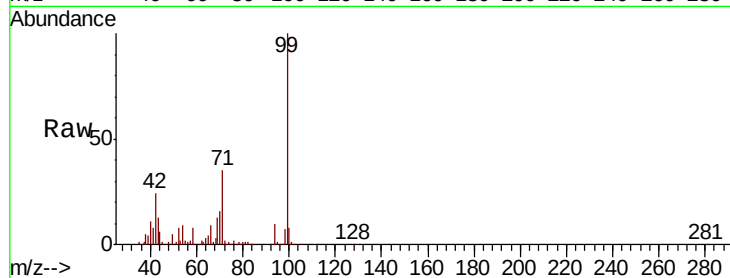
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3824853

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.3	28.9
71	35.2	27.4	41.2

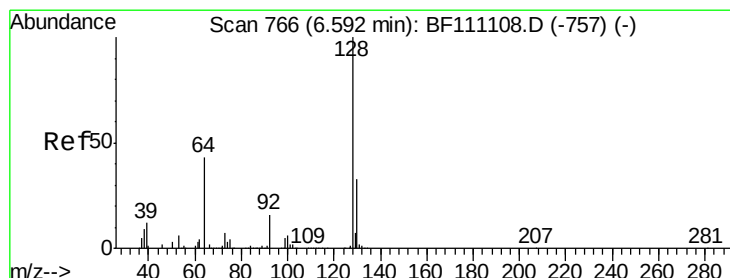
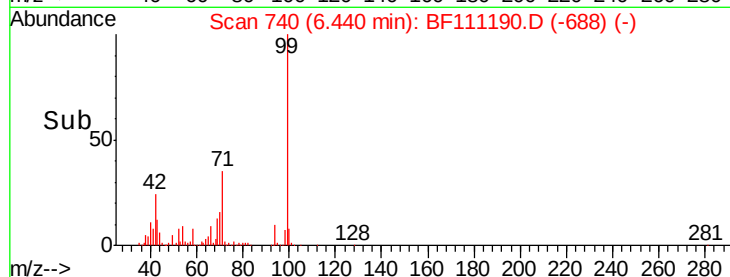
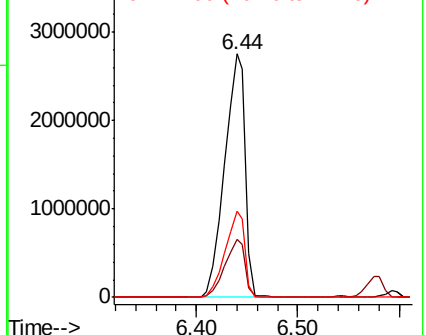


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.008 ng

RT: 6.59 min Scan# 766

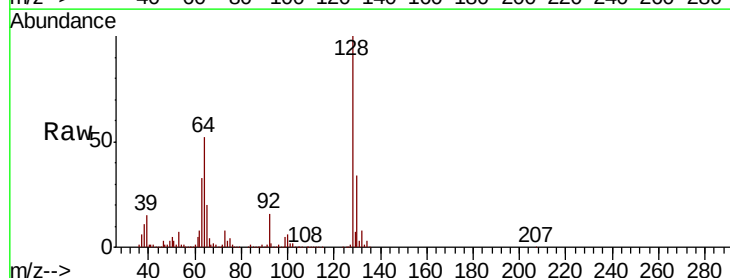
Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion: 128 Resp: 1217387

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.8	52.8
64	51.7	26.6	66.6

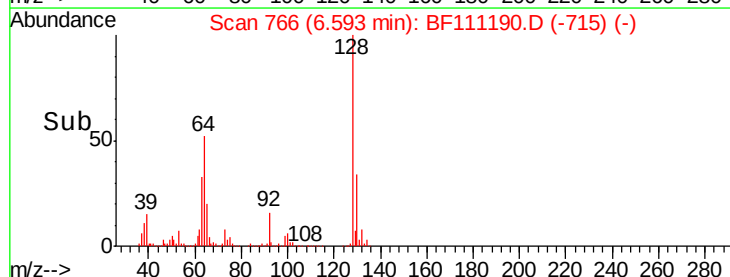
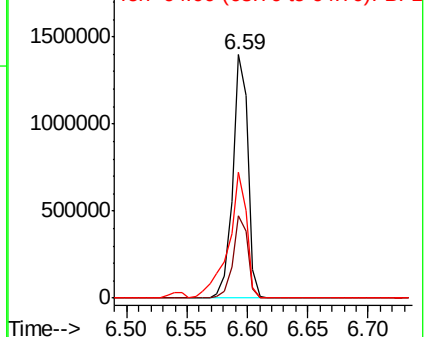


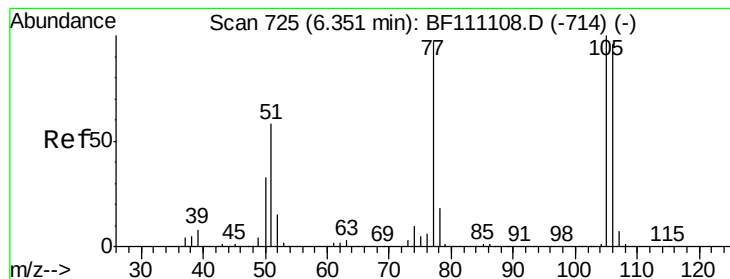
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.345 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

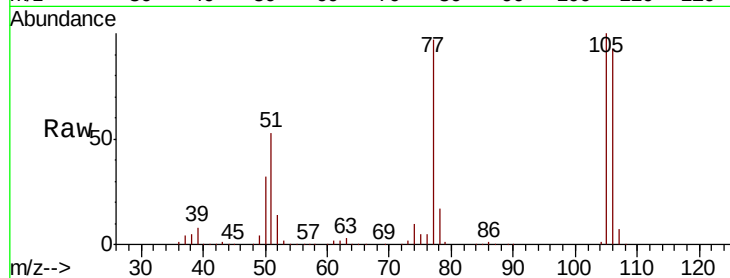
Tot Ion: 77 Resp: 505059

Ion Ratio Lower Upper

77 100

105 103.1 83.1 123.1

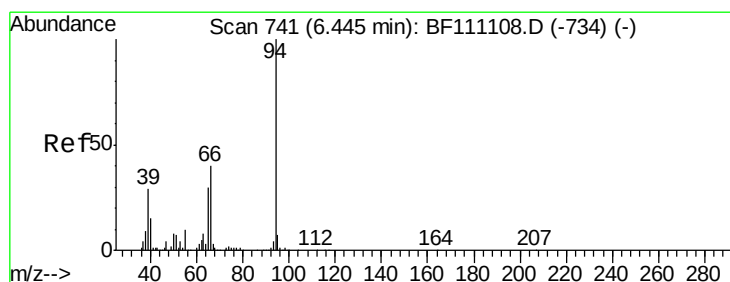
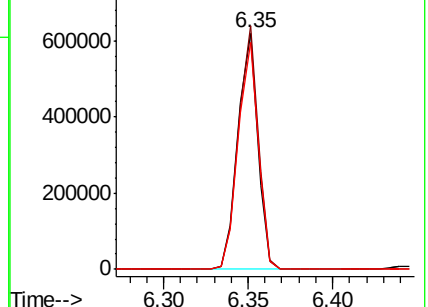
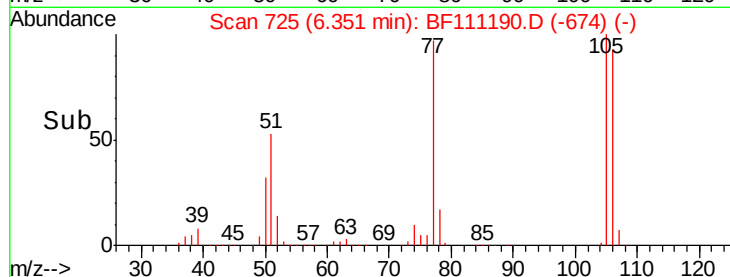
106 96.0 79.0 119.0



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: 41.278 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

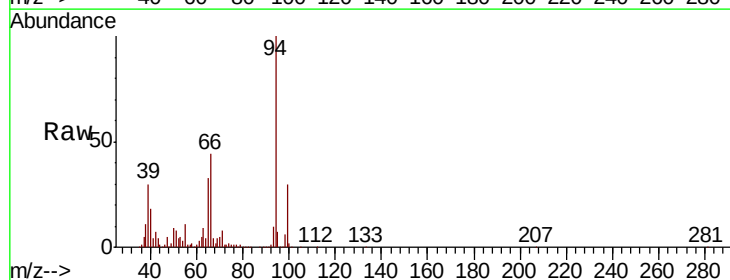
Tgt Ion: 94 Resp: 1493261

Ion Ratio Lower Upper

94 100

65 32.8 10.5 50.5

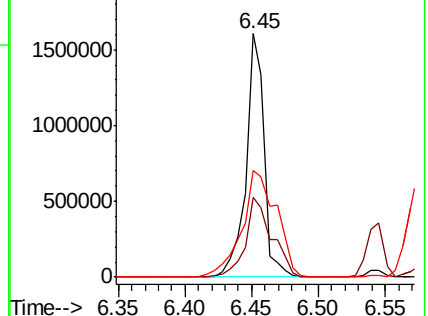
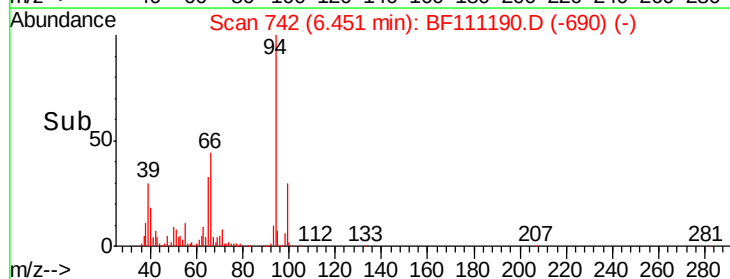
66 43.9 19.8 59.8

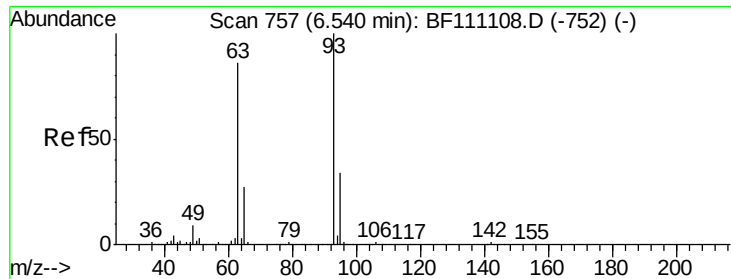


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

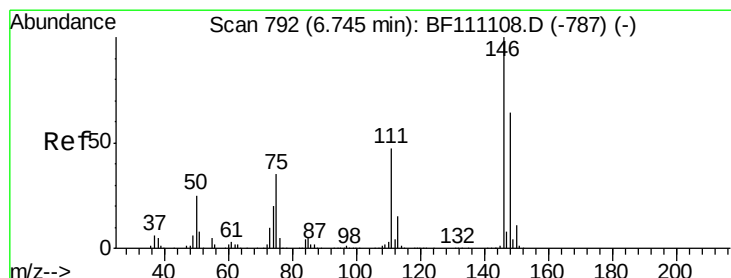
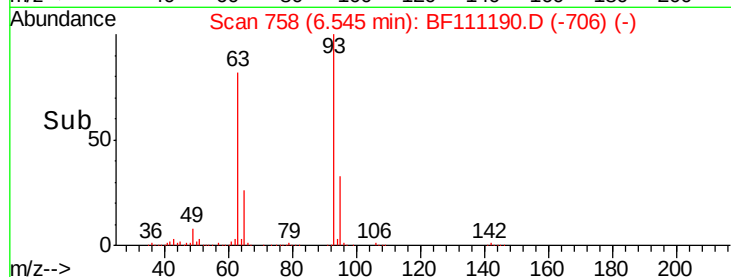
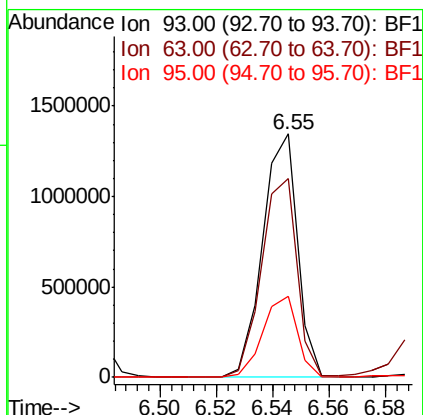
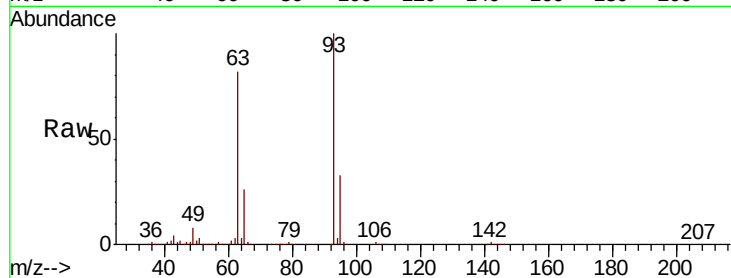




#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

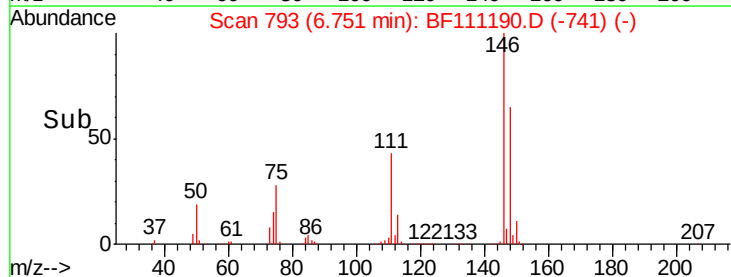
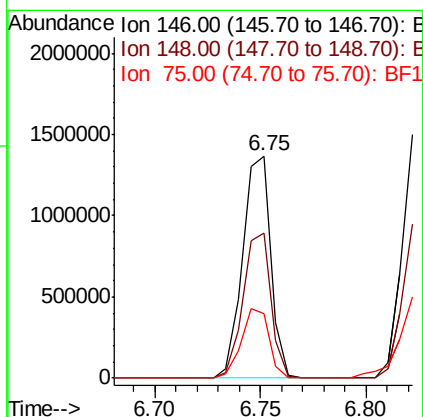
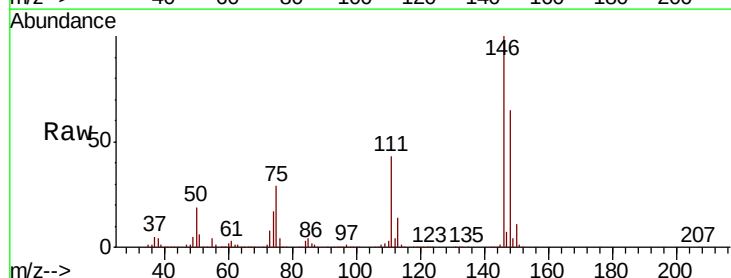
Instrument :
BNA_F
ClientSampleId :

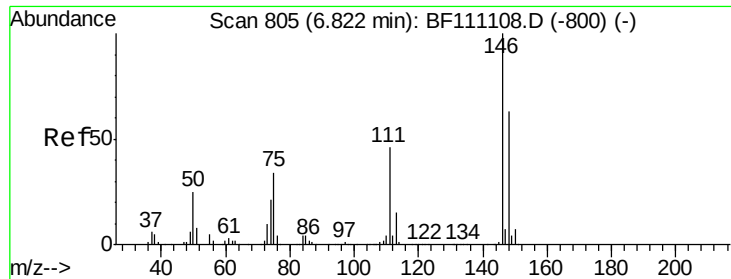
Tot Ion: 93 Resp: 1151870
Ion Ratio Lower Upper
93 100
63 81.5 66.0 106.0
95 33.2 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 39.906 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion: 146 Resp: 1259909
Ion Ratio Lower Upper
146 100
148 65.3 51.3 76.9
75 29.0 27.7 41.5

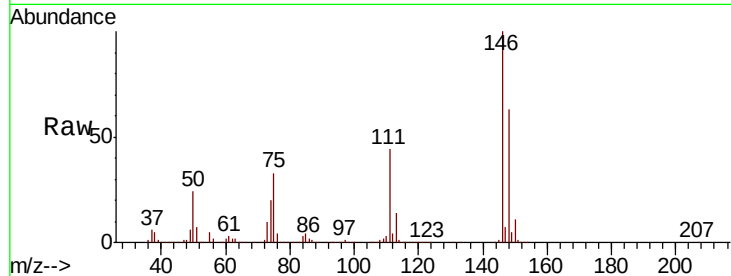




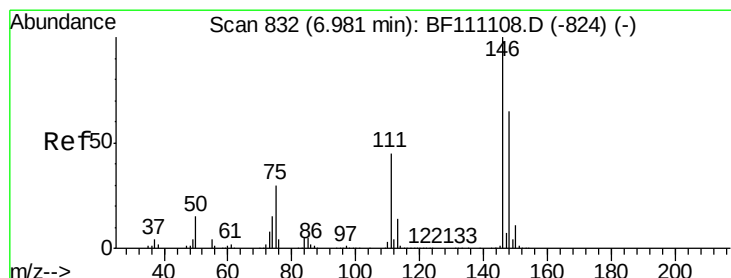
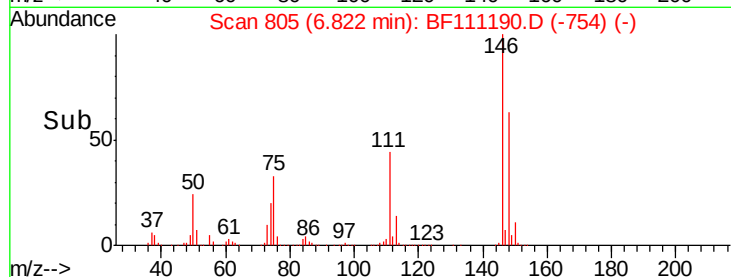
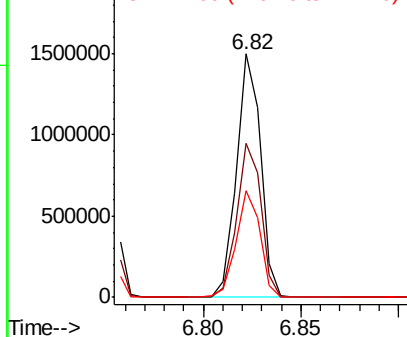
#13
1,4-Dichlorobenzene
Concen: 40.301 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 1280463
Ion Ratio Lower Upper
146 100
148 63.0 50.3 75.5
111 43.7 36.6 55.0

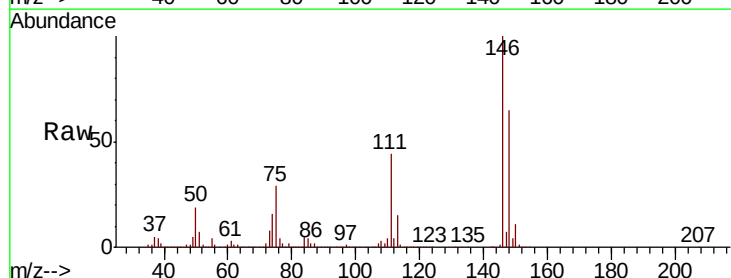


Abundance Ion 146.00 (145.70 to 146.70): E
2000000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

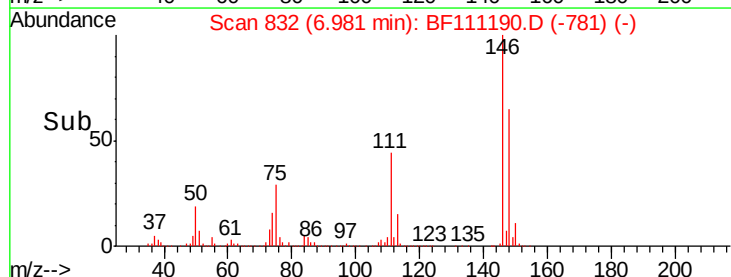
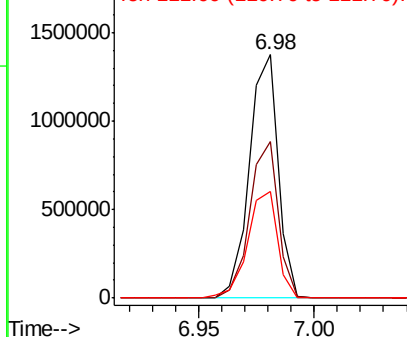


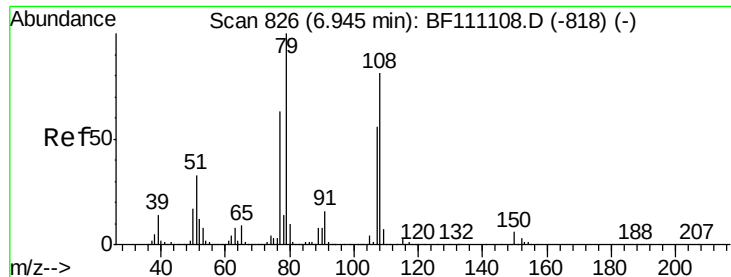
#14
1,2-Dichlorobenzene
Concen: 40.703 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:146 Resp: 1202989
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 44.0 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
1500000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.947 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampled :

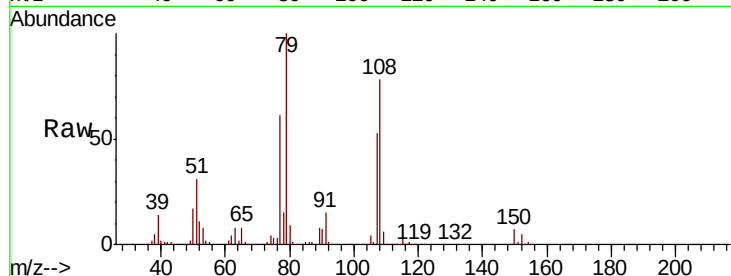
Tot Ion: 79 Resp: 1050136

Ion Ratio Lower Upper

79 100

108 78.0 64.5 96.7

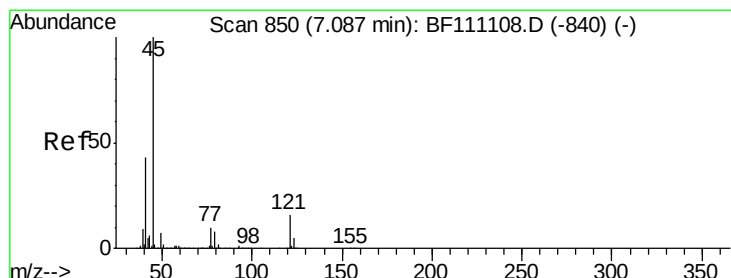
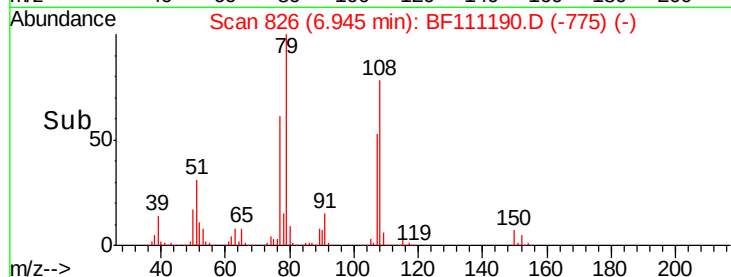
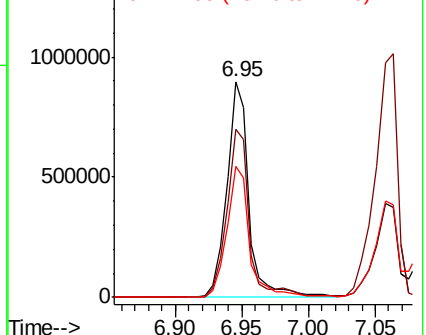
77 60.7 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.788 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

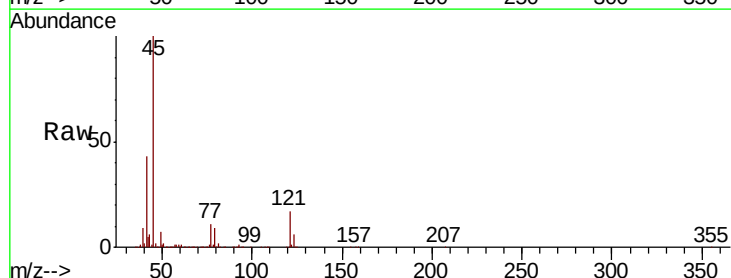
Tgt Ion: 45 Resp: 2288384

Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.6

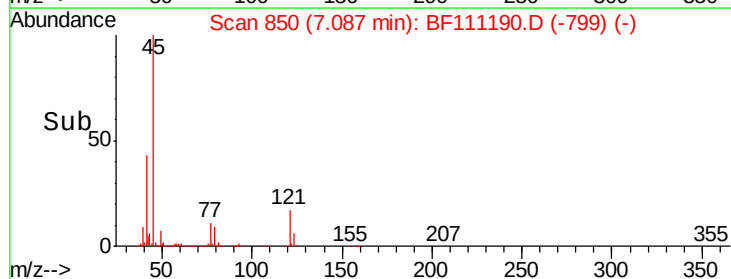
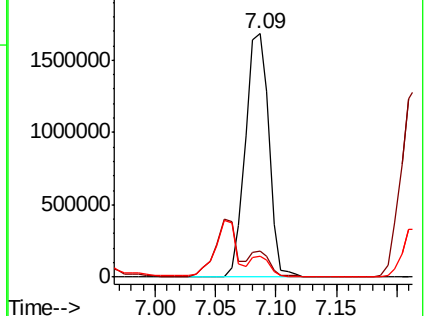
79 8.7 0.0 28.4

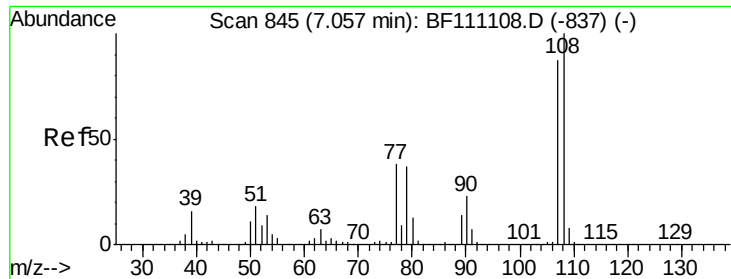


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

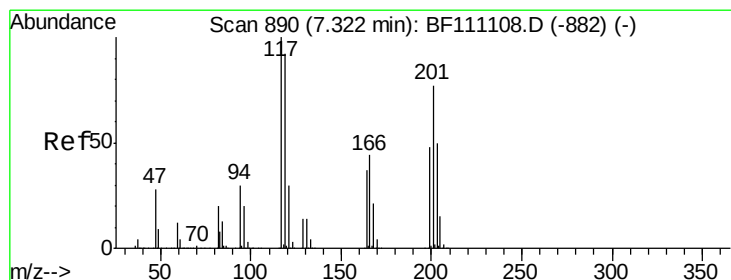
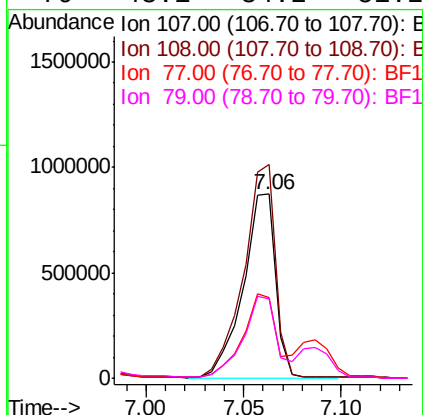
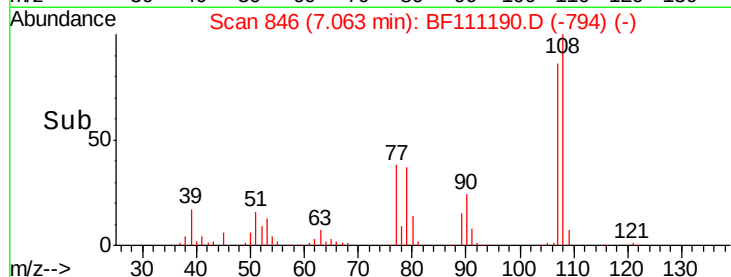
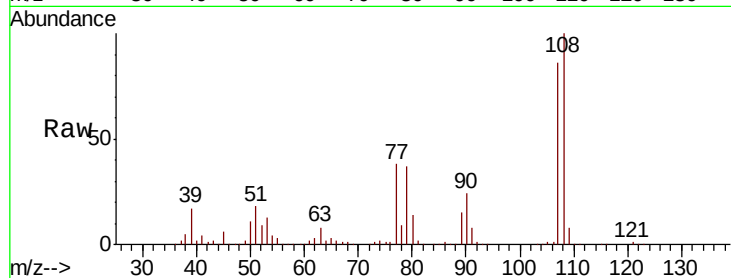




#17
2-Methylphenol
Concen: 41.172 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

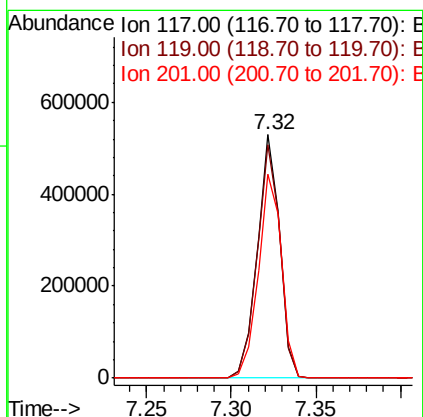
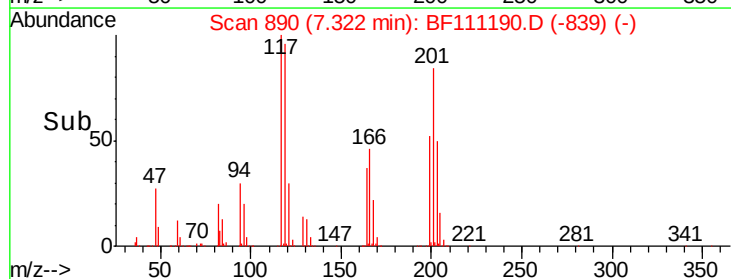
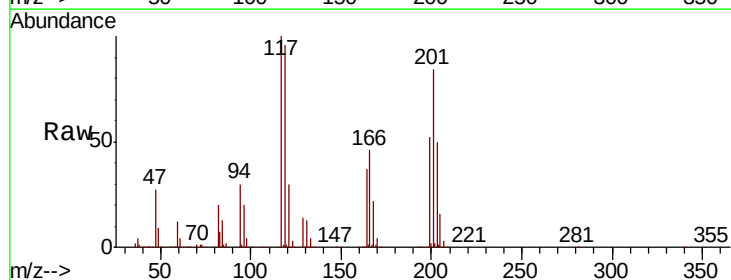
Instrument :
BNA_F
ClientSampleId :

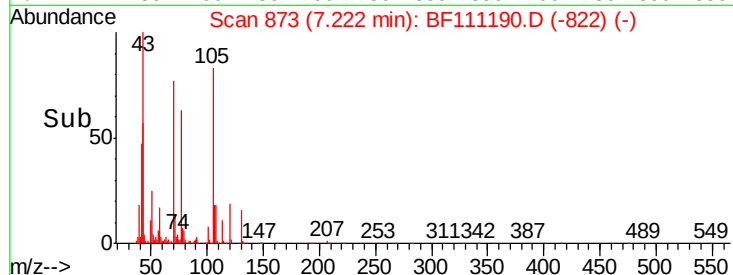
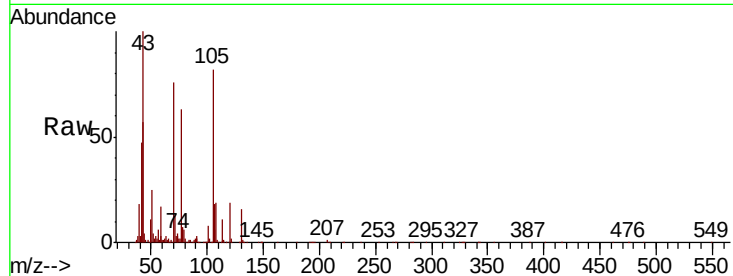
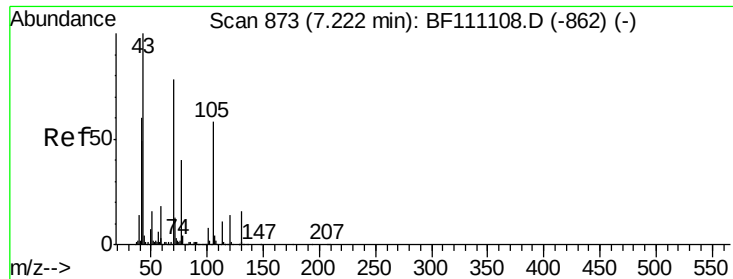
Tot Ion:107 Resp: 1003310
Ion Ratio Lower Upper
107 100
108 115.9 91.8 137.8
77 44.0 34.7 52.1
79 43.1 34.2 51.2



#18
Hexachloroethane
Concen: 40.907 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:117 Resp: 487565
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.6
201 84.0 61.2 91.8

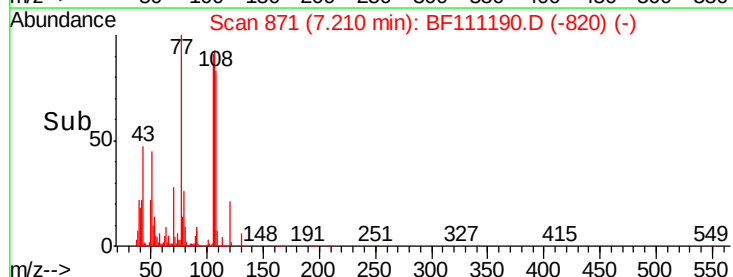
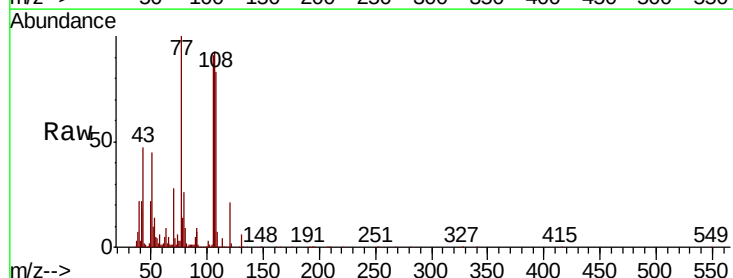
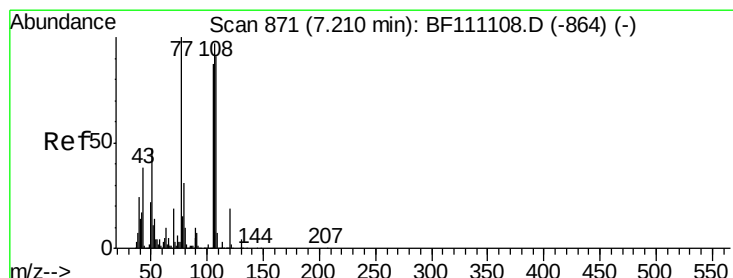
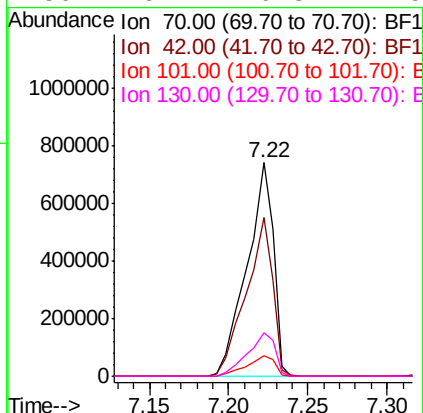




#19
n-Nitroso-di-n-propylamine
Concen: 38.547 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

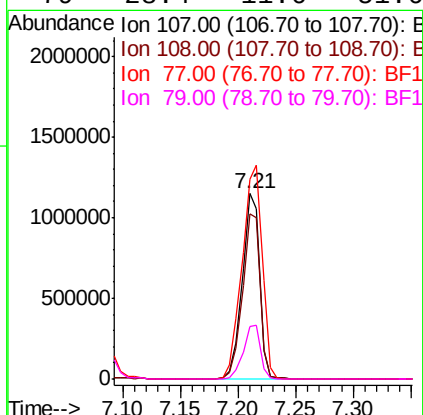
Instrument :
BNA_F
ClientSampleId :

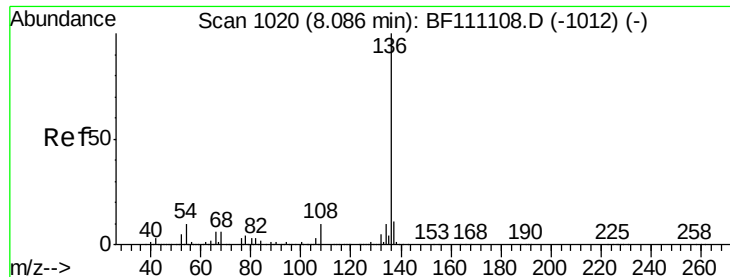
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.5	61.3	91.9
101	9.9	7.7	11.5
130	20.7	16.3	24.5



#20
3+4-Methylphenols
Concen: 40.009 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.0	114.0
77	107.6	83.2	123.2
79	28.4	11.6	51.6

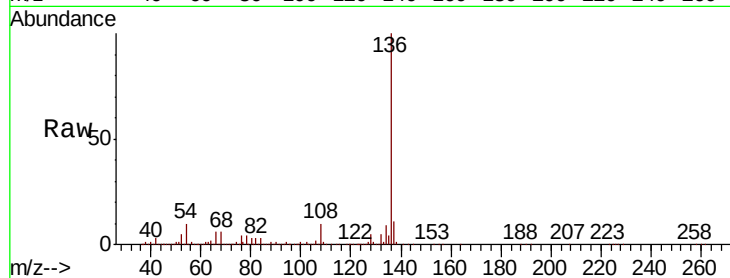




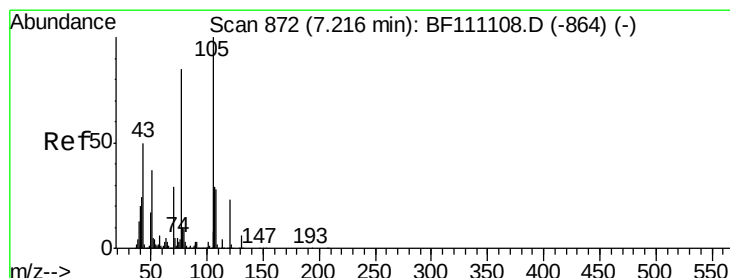
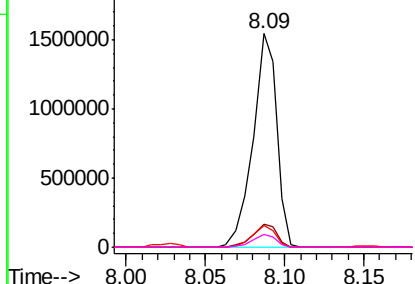
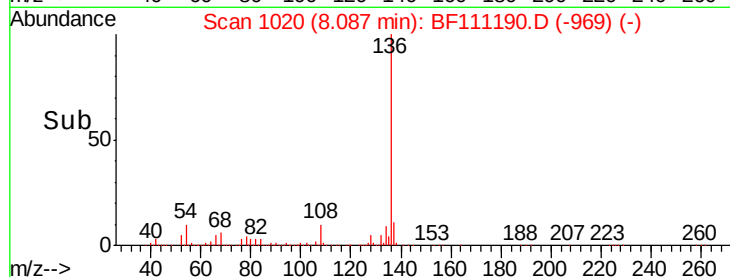
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1613144
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.6
54 10.2	8.4 12.6
68 5.9	5.0 7.4

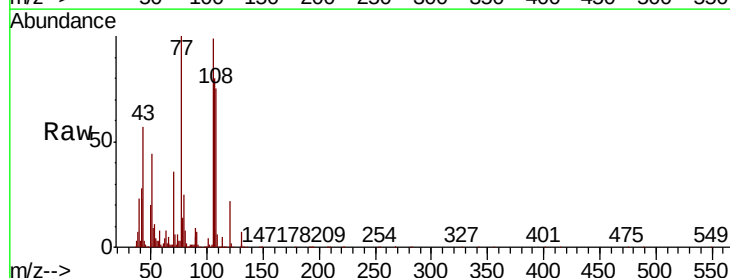


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

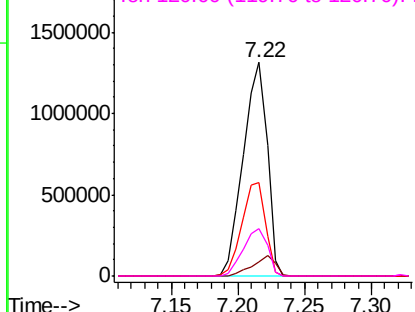
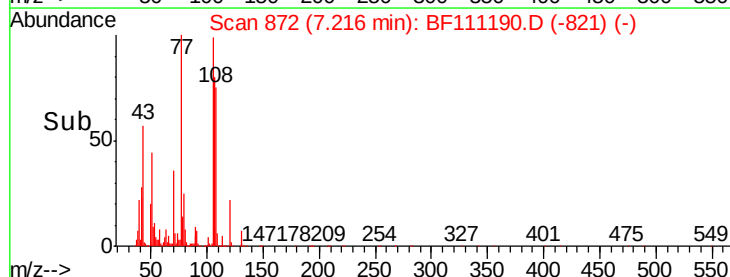


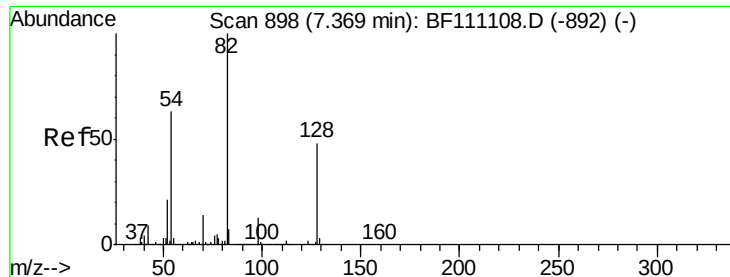
#22
Acetophenone
Concen: 41.703 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt	Ion:105	Resp:	1625695
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.0	6.0#
51	43.9	29.8	44.8
120	22.1	18.7	28.1



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



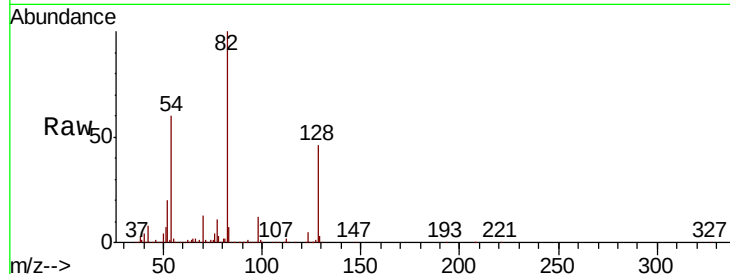


#23
 Nitrobenzene-d5
 Concen: 73.354 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

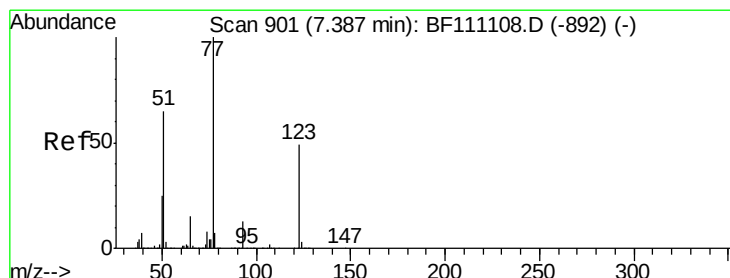
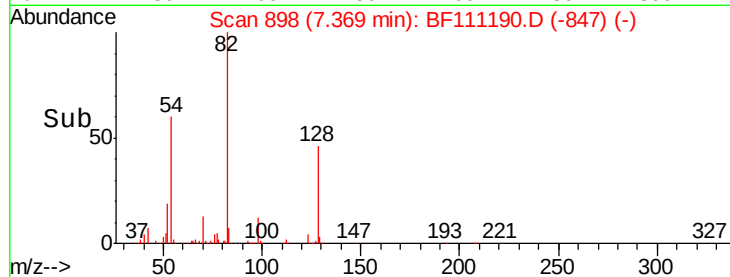
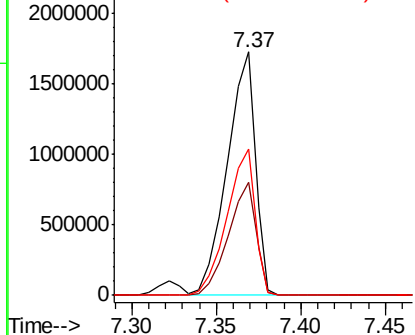
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1998706

Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	60.0	50.3	75.5



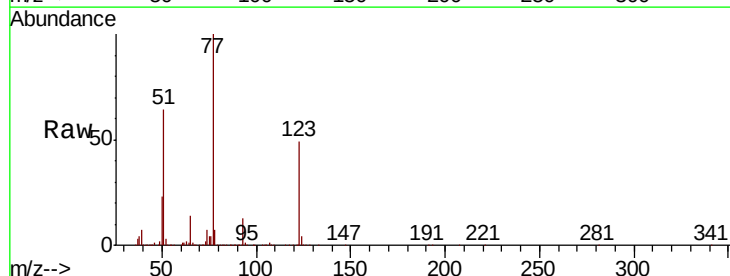
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



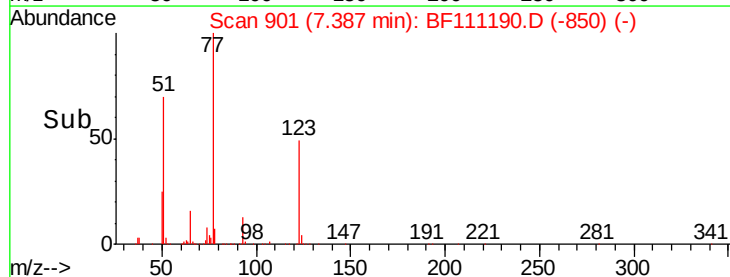
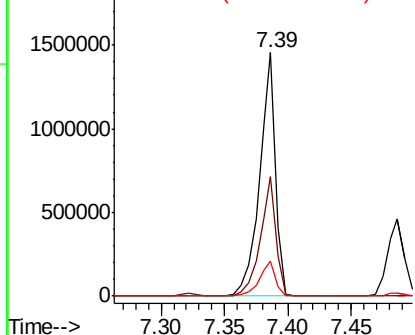
#24
 Nitrobenzene
 Concen: 43.933 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

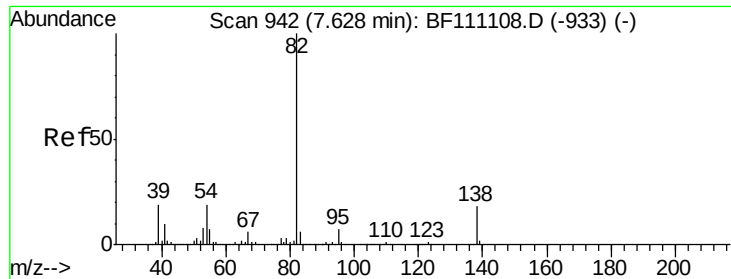
Tgt Ion: 77 Resp: 1287828

Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.5	59.3
65	14.5	11.8	17.6



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: 46.234 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampled :

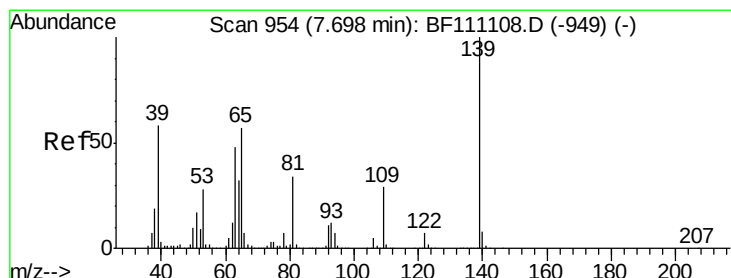
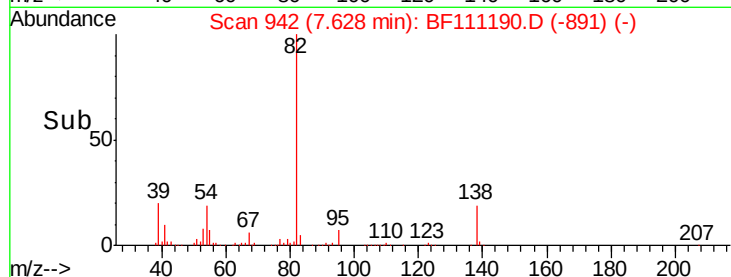
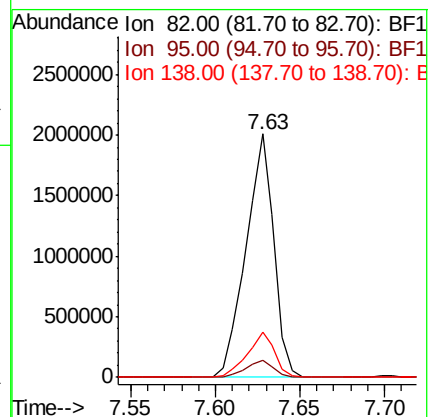
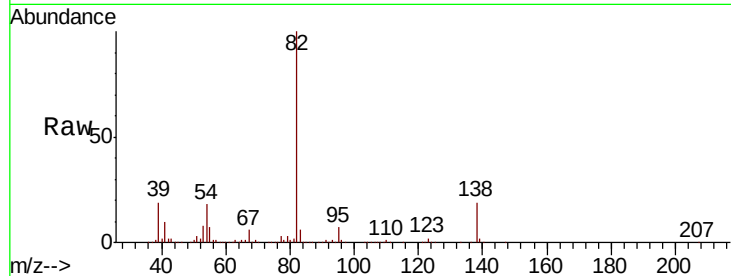
Tot Ion: 82 Resp: 2311939

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.5 14.6 22.0



#26

2-Nitrophenol

Concen: 50.121 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

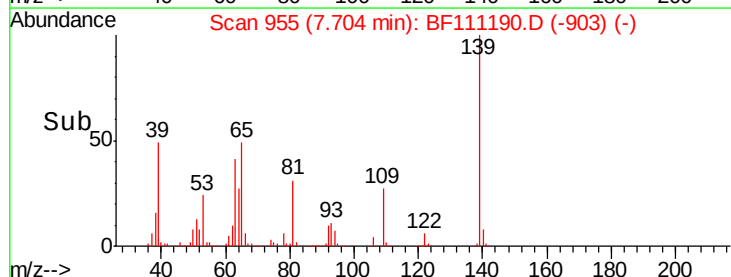
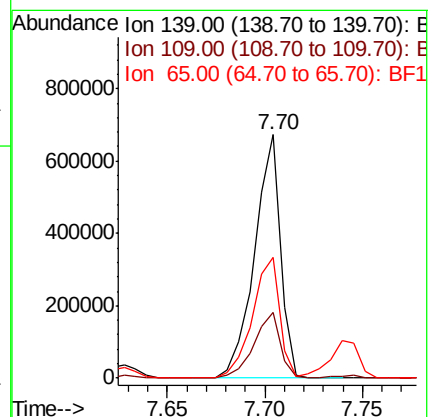
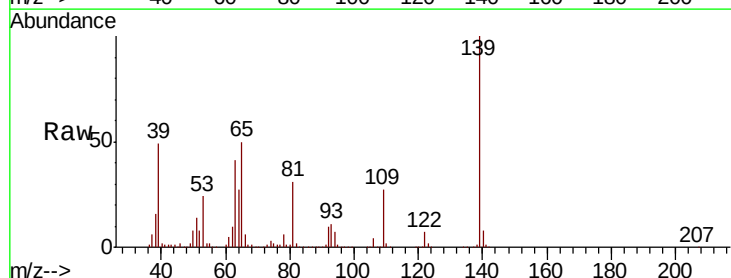
Tgt Ion: 139 Resp: 620796

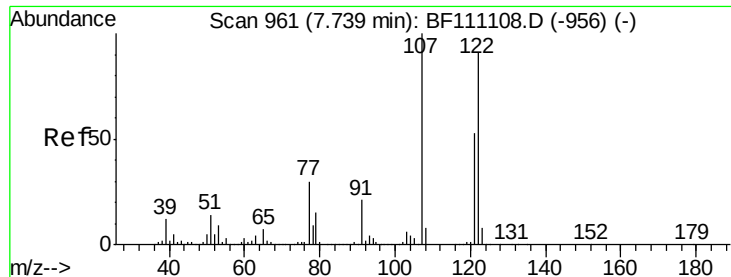
Ion Ratio Lower Upper

139 100

109 26.9 23.1 34.7

65 49.7 45.9 68.9

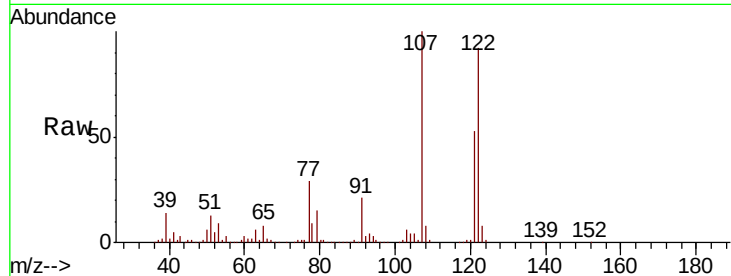




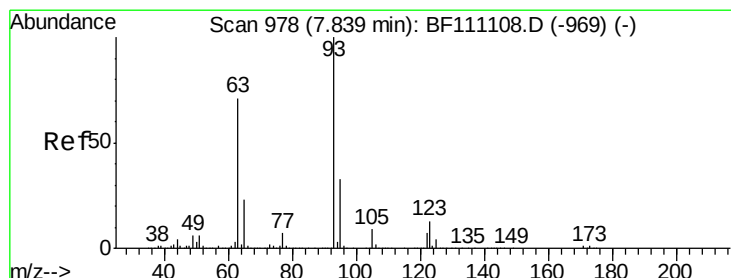
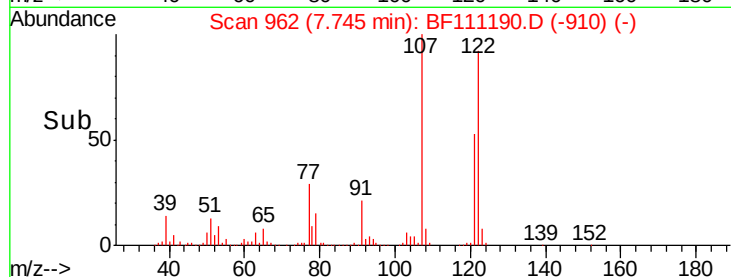
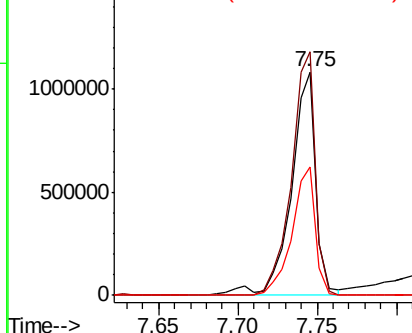
#27
 2,4-Dimethylphenol
 Concen: 49.865 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1163181
 Ion Ratio Lower Upper
 122 100
 107 108.9 87.4 131.0
 121 57.5 45.9 68.9

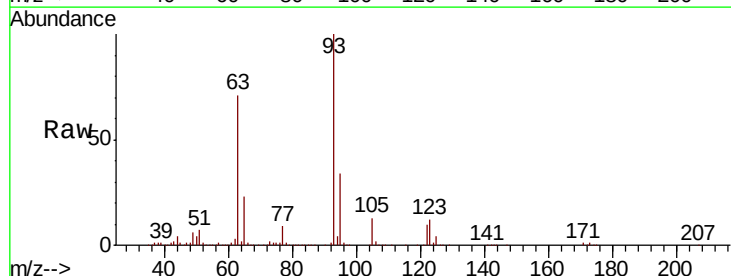


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

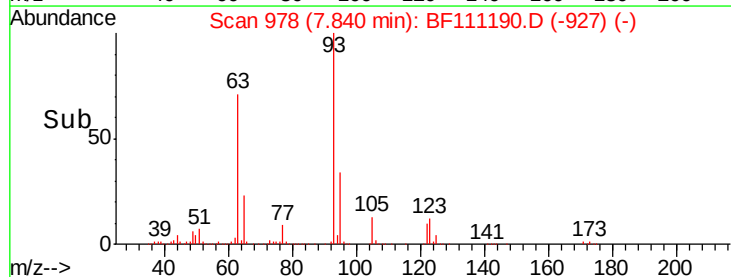
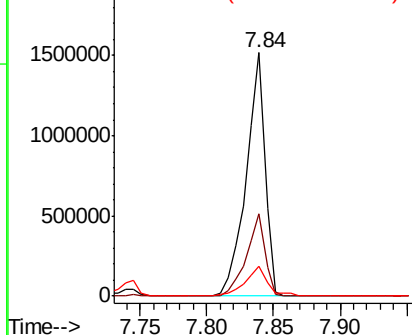


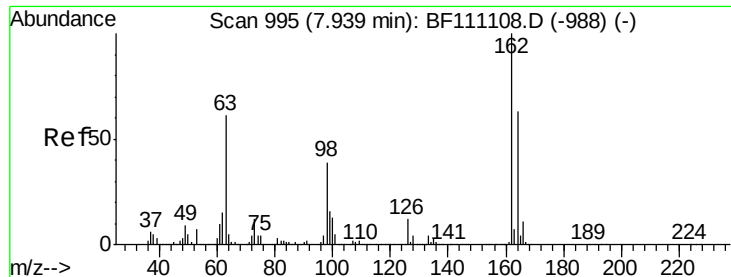
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.426 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Tgt Ion: 93 Resp: 1470050
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 39.8
 123 12.3 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

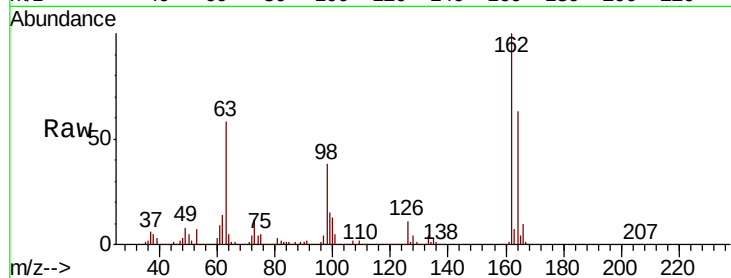




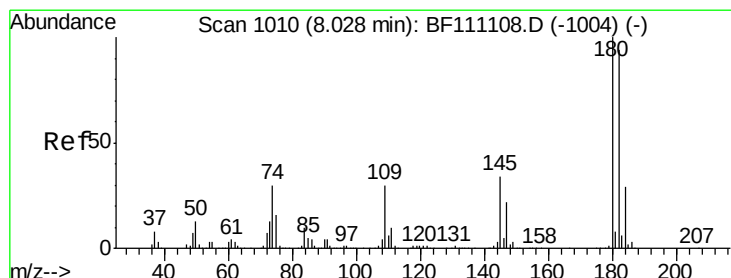
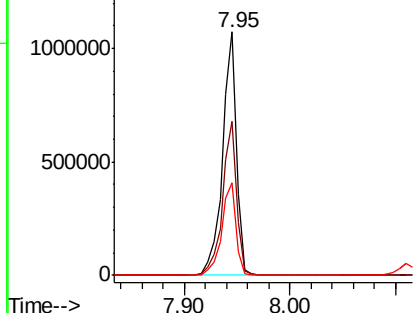
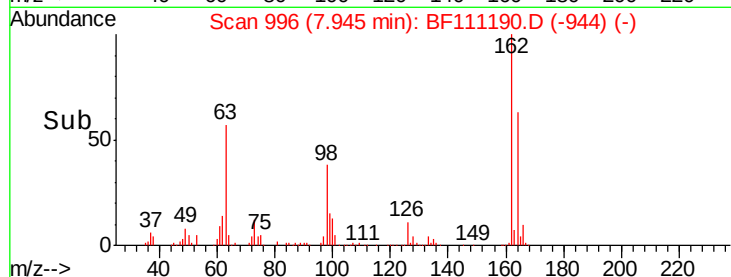
#29
2,4-Dichlorophenol
Concen: 43.590 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1001018
Ion Ratio Lower Upper
162 100
164 63.2 43.3 83.3
98 38.1 18.9 58.9

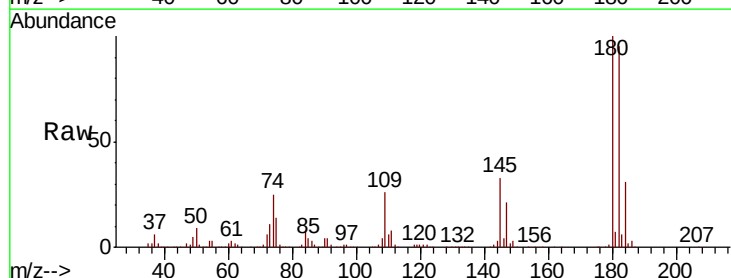


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

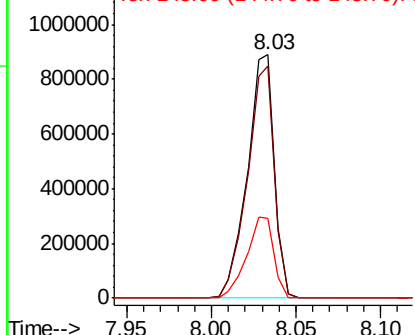
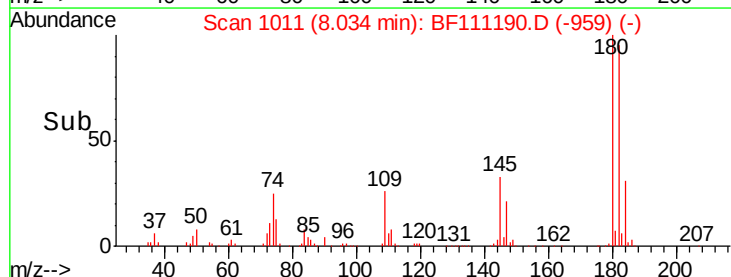


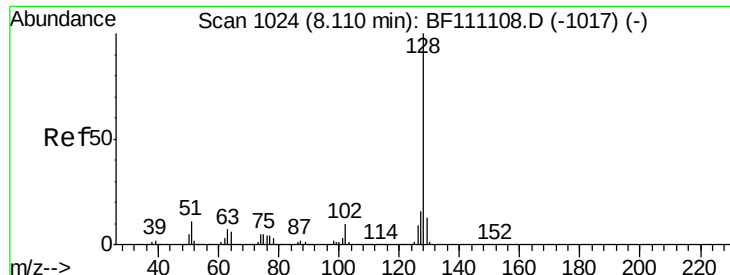
#30
1,2,4-Trichlorobenzene
Concen: 43.072 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:180 Resp: 998355
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 32.8 27.6 41.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

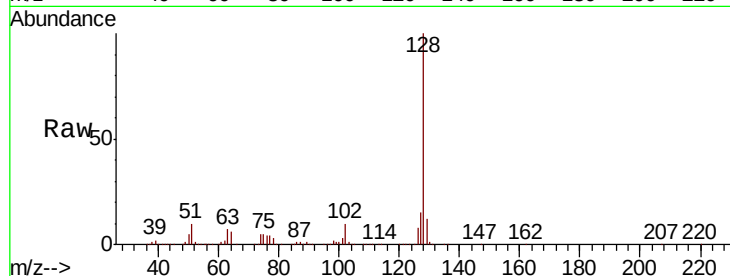




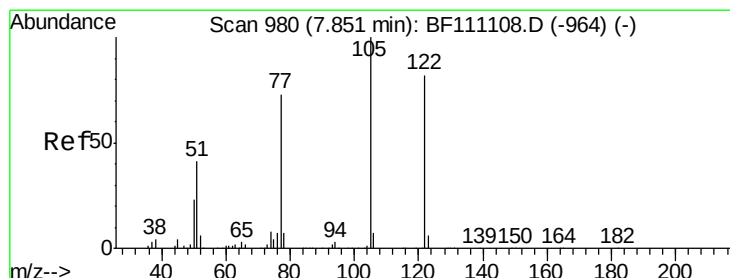
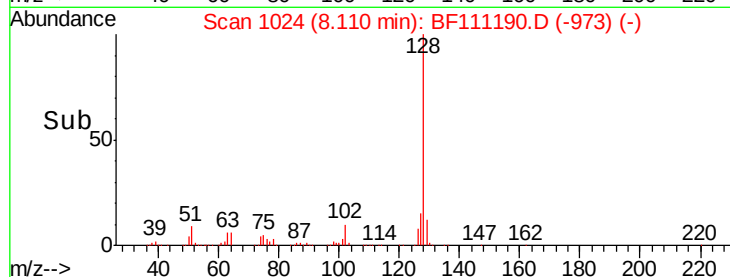
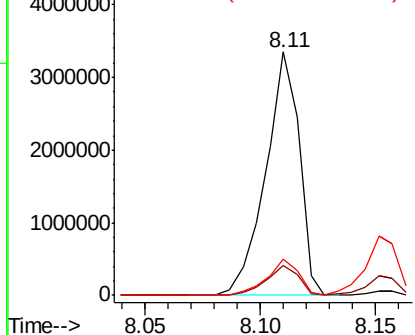
#31
Naphthalene
Concen: 48.426 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3401160
Ion Ratio Lower Upper
128 100
129 12.3 10.5 15.7
127 14.6 12.5 18.7

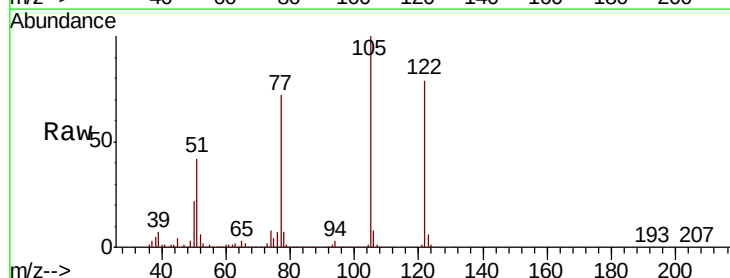


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

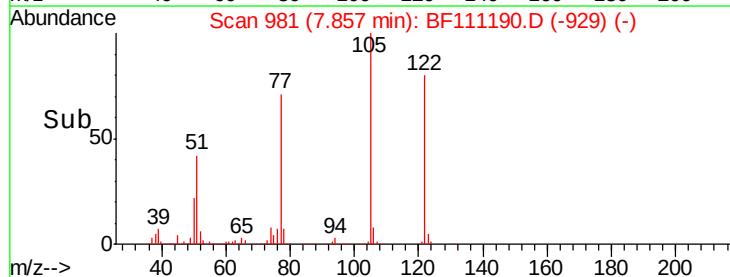
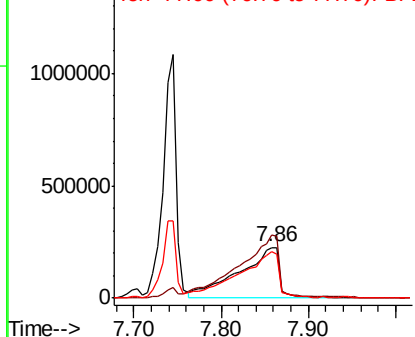


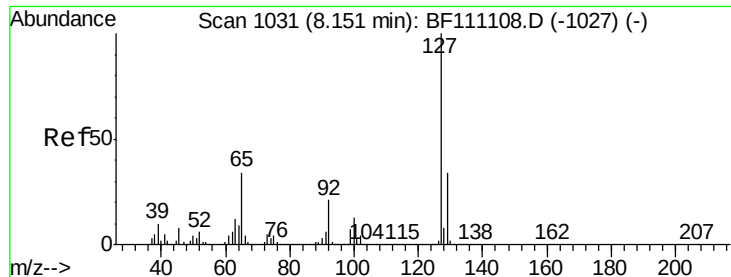
#32
Benzoic acid
Concen: 46.076 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:122 Resp: 708756
Ion Ratio Lower Upper
122 100
105 125.9 100.1 140.1
77 91.0 69.4 109.4



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

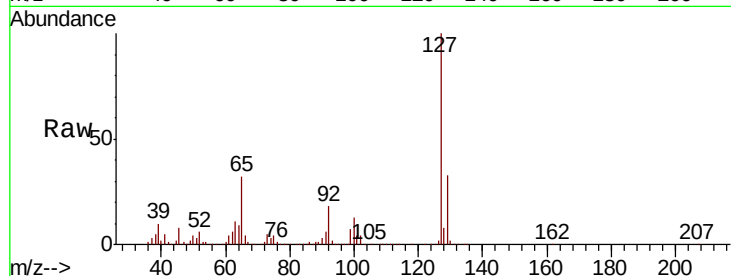




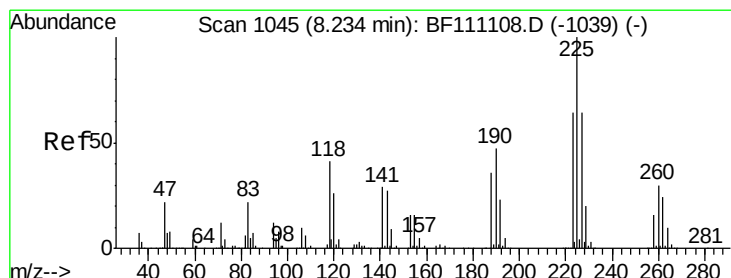
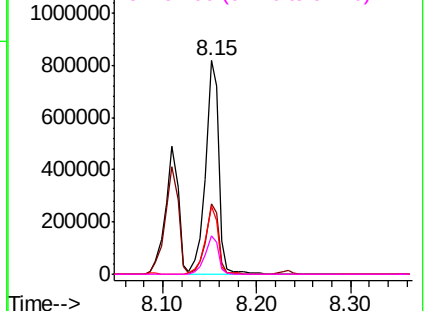
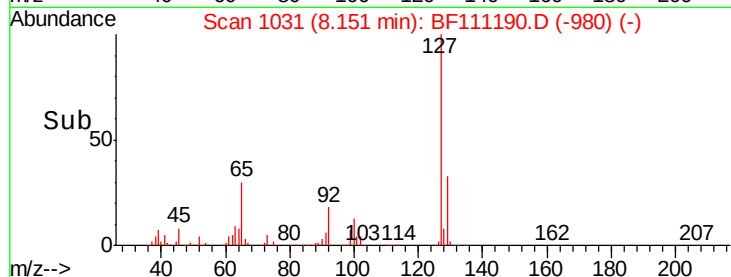
#33
4-Chloroaniline
Concen: 23.902 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	811470
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.6
65	31.6	27.2	40.8
92	18.2	16.6	24.8

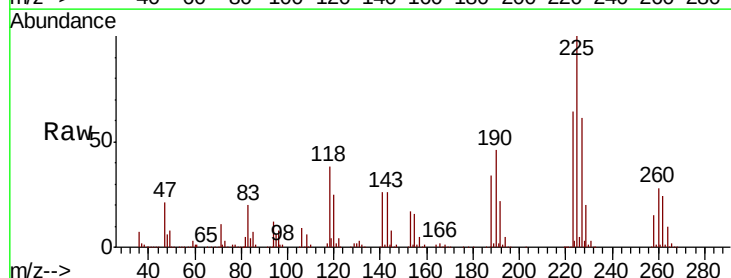


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

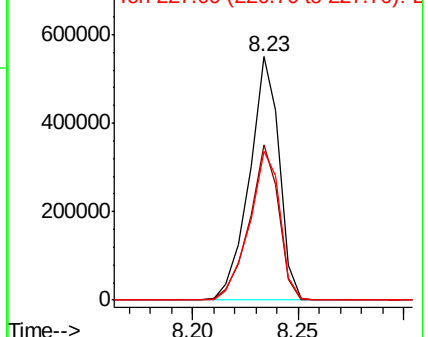
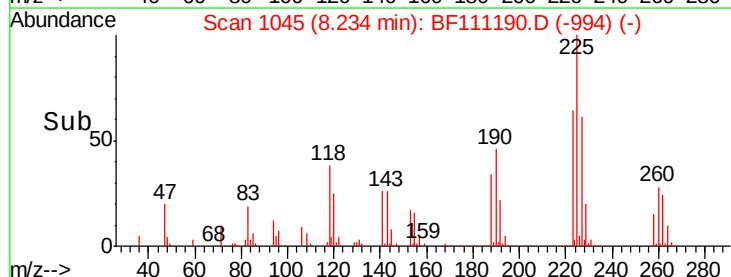


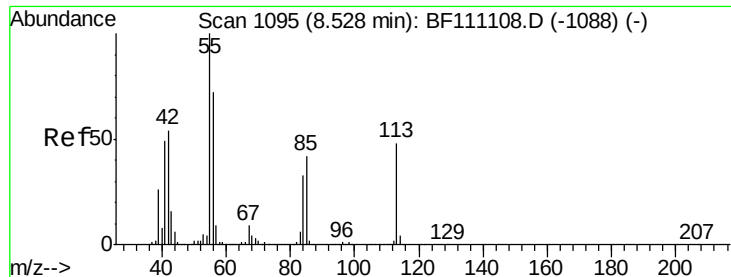
#34
Hexachlorobutadiene
Concen: 42.790 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:	225	Resp:	539001
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	61.4	51.0	76.4



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

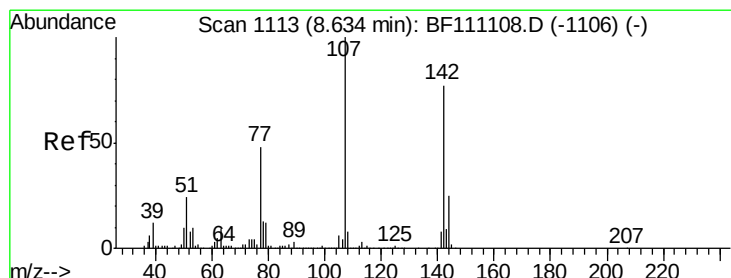
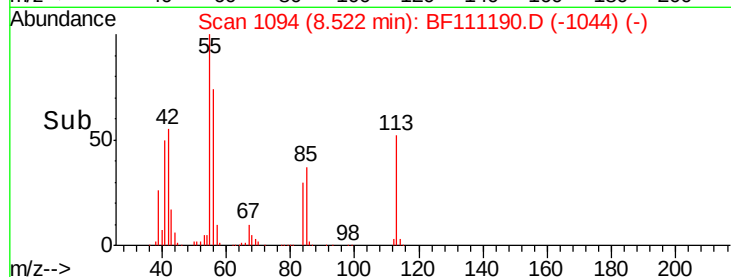
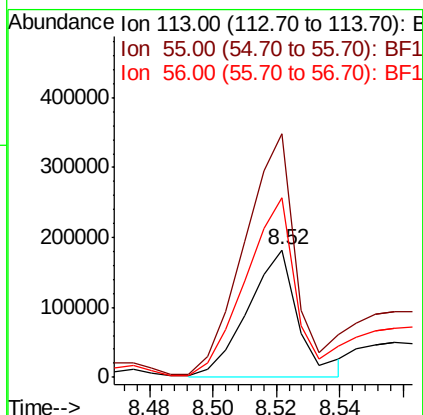
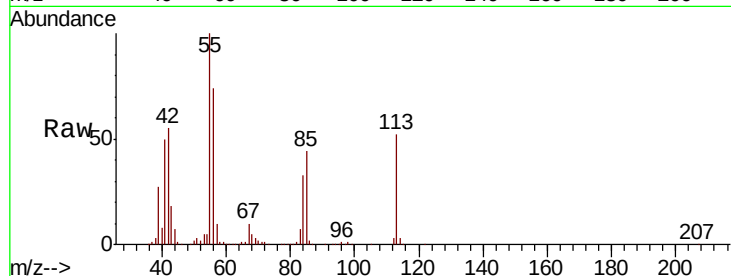




#35
Caprolactam
Concen: 24.000 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

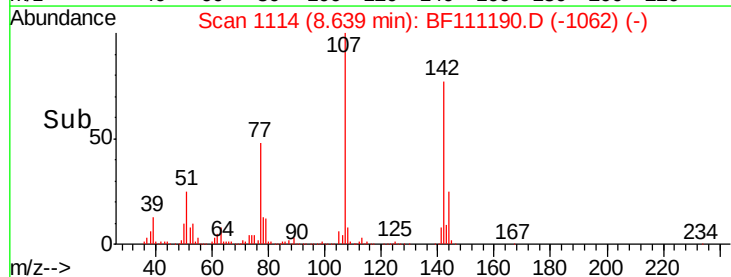
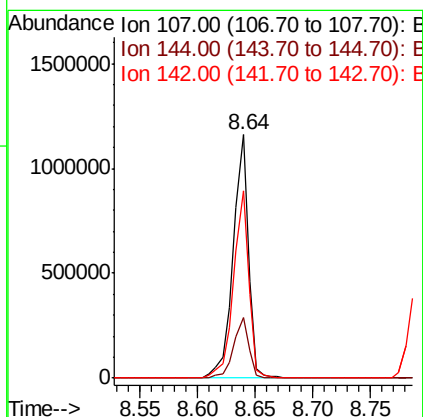
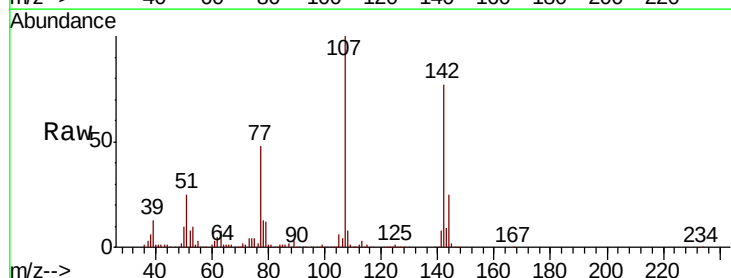
Instrument :
BNA_F
ClientSampleId :

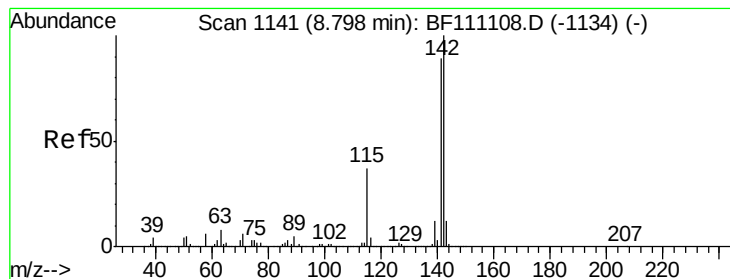
Tot Ion:113 Resp: 202361
Ion Ratio Lower Upper
113 100
55 191.4 190.6 230.6
56 141.3 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 42.602 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:107 Resp: 1071599
Ion Ratio Lower Upper
107 100
144 24.9 19.9 29.9
142 76.9 61.4 92.0





#37

2-Methylnaphthalene

Concen: 47.366 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

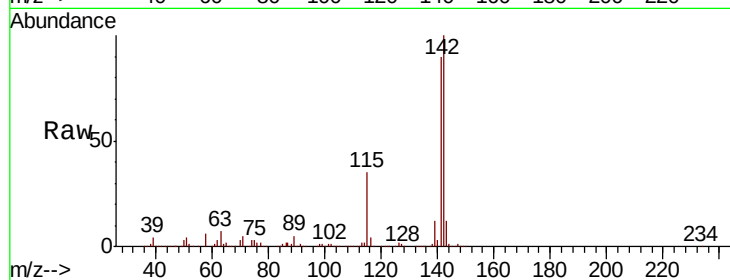
Tot Ion:142 Resp: 2294741

Ion Ratio Lower Upper

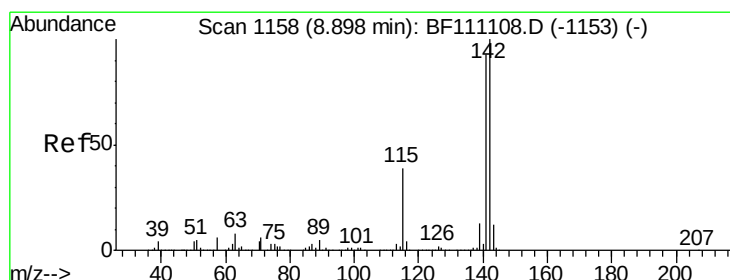
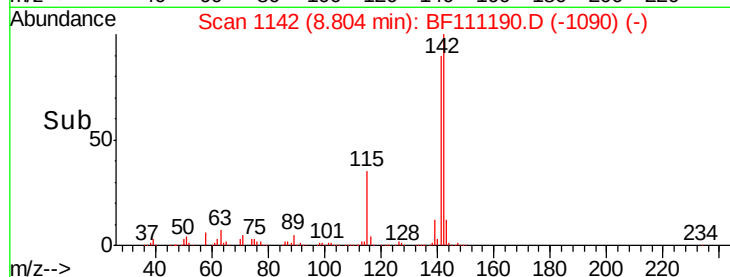
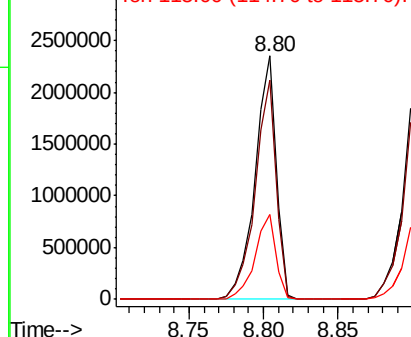
142 100

141 90.3 71.4 107.0

115 35.1 29.2 43.8



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: 46.751 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

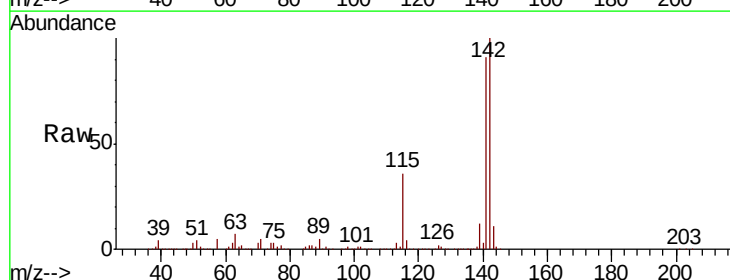
Tgt Ion:142 Resp: 2177572

Ion Ratio Lower Upper

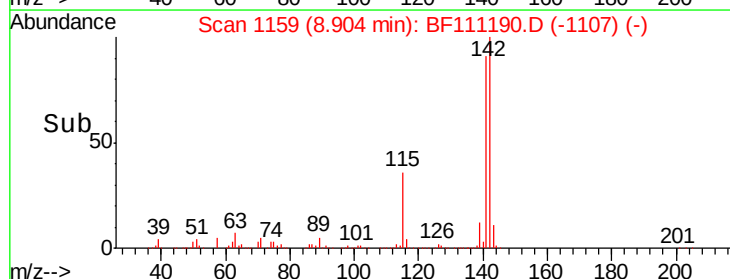
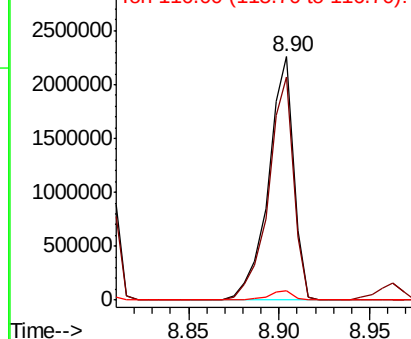
142 100

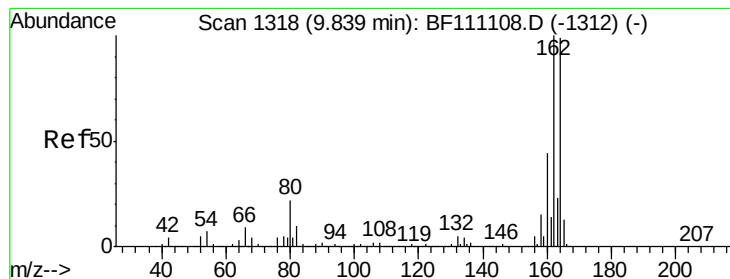
141 91.4 74.5 111.7

116 3.7 3.2 4.8



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: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampled :

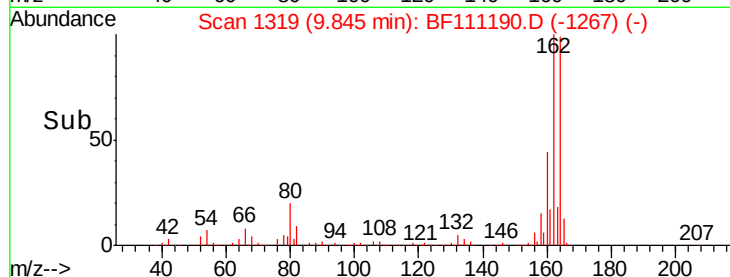
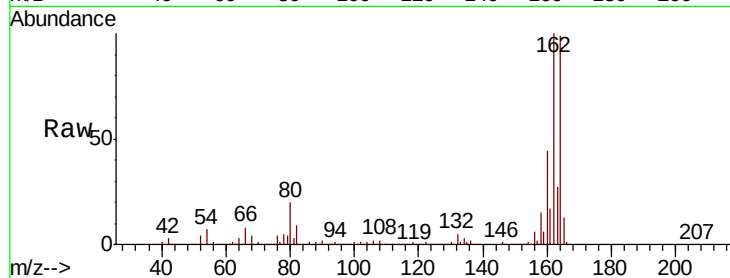
Tot Ion:164 Resp: 749384

Ion Ratio Lower Upper

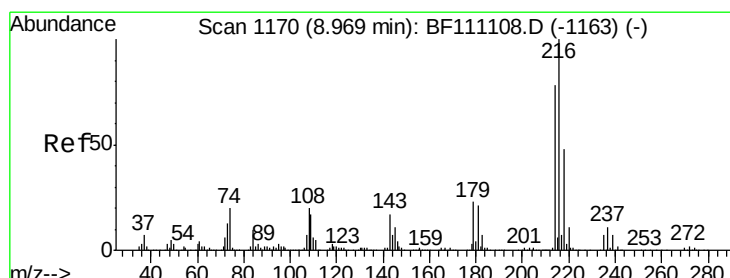
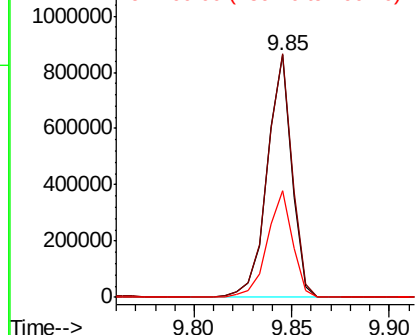
164 100

162 100.5 80.6 120.8

160 44.3 35.5 53.3



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: 41.252 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion:216 Resp: 823904

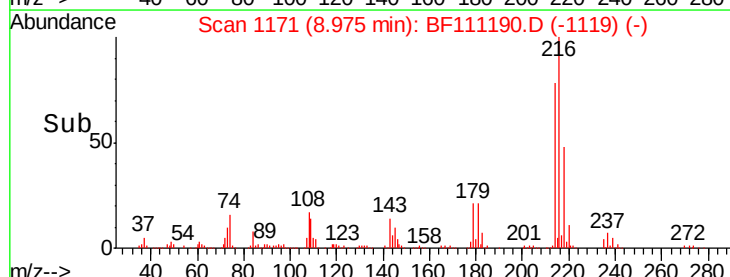
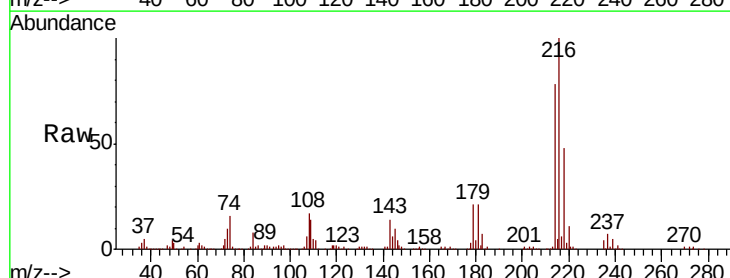
Ion Ratio Lower Upper

216 100

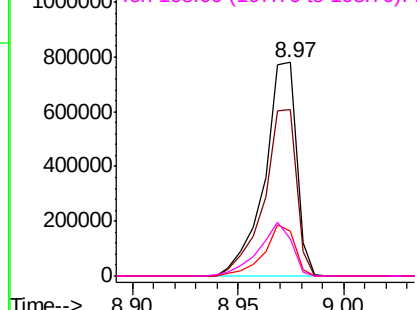
214 78.5 63.4 95.0

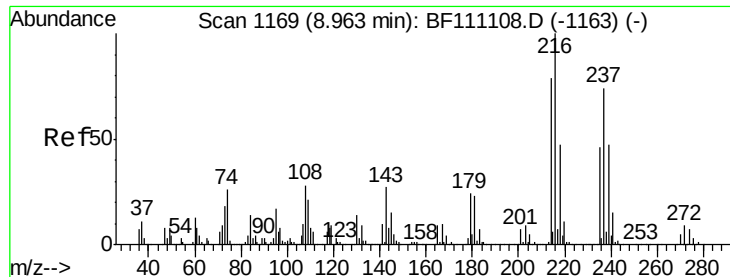
179 22.8 18.5 27.7

108 25.8 19.1 28.7



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: 101.507 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

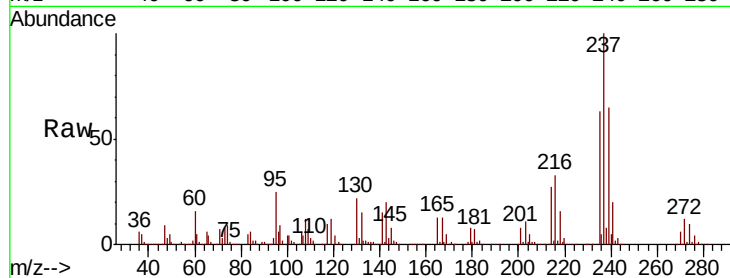
Tot Ion:237 Resp: 1069005

Ion Ratio Lower Upper

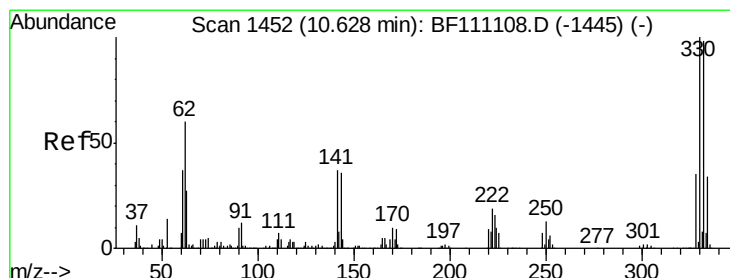
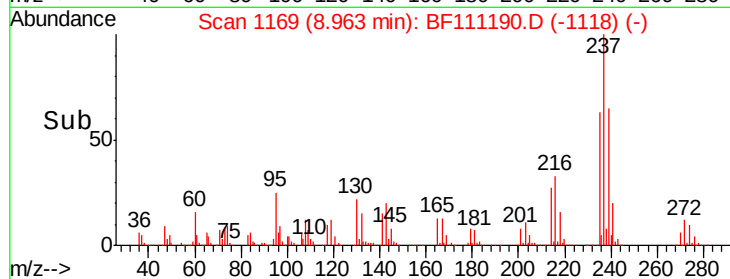
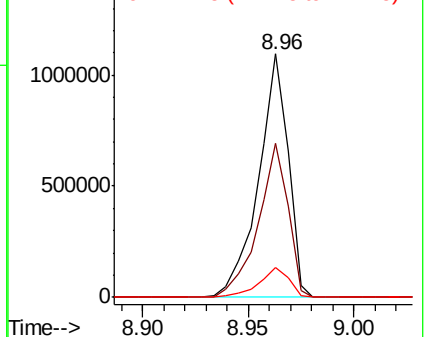
237 100

235 63.1 41.9 81.9

272 12.3 0.0 32.7



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: 134.941 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

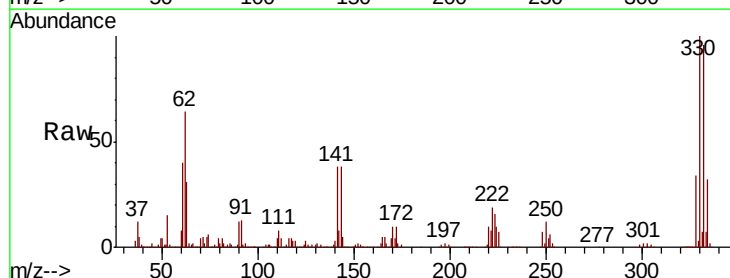
Tgt Ion:330 Resp: 803810

Ion Ratio Lower Upper

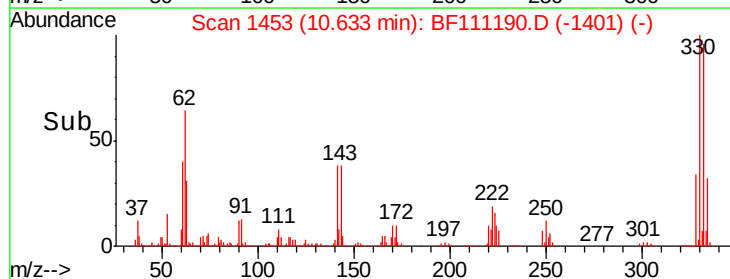
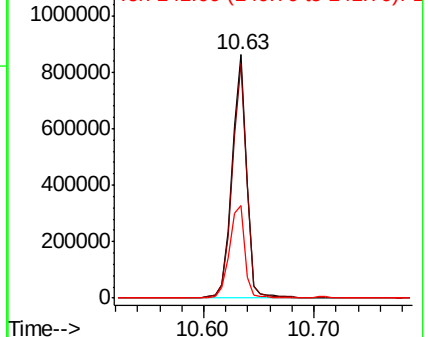
330 100

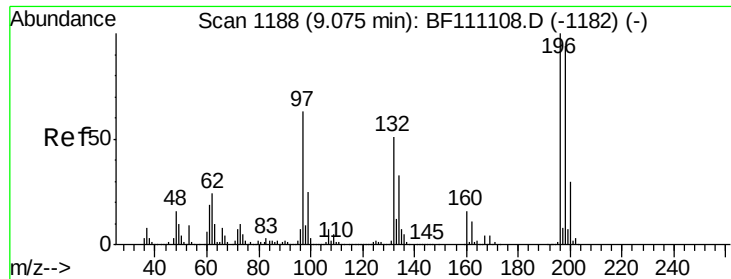
332 96.2 77.2 115.8

141 40.6 36.1 54.1



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

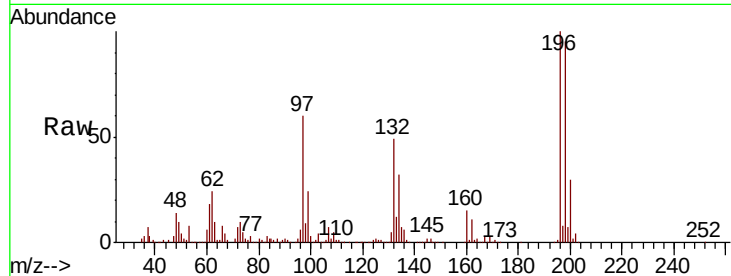




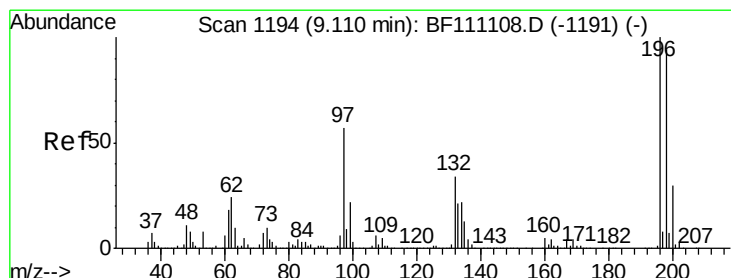
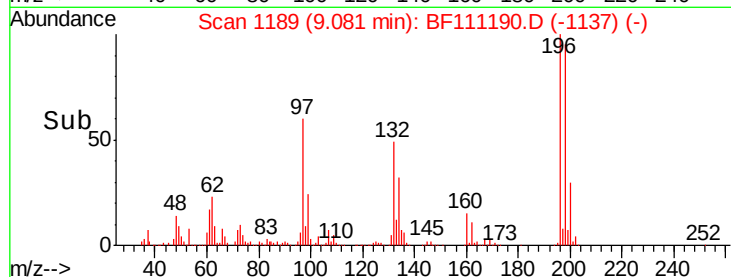
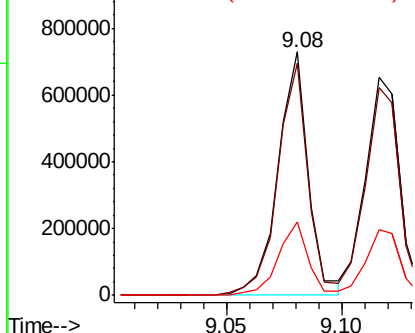
#43
 2,4,6-Trichlorophenol
 Concen: 45.224 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 659689
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.0
 200 30.3 24.2 36.4

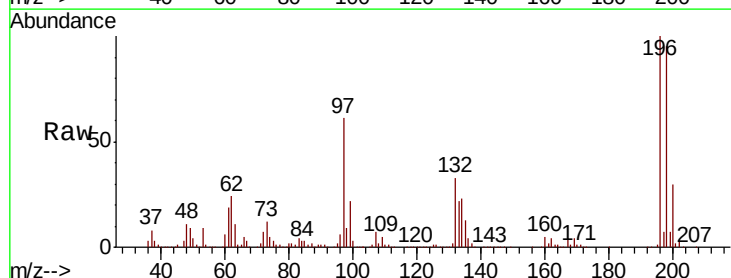


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

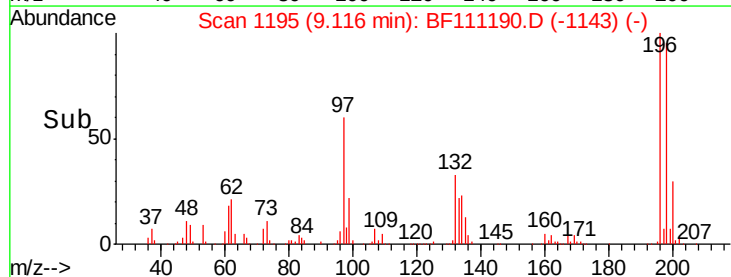
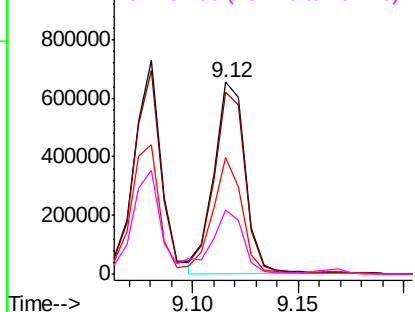


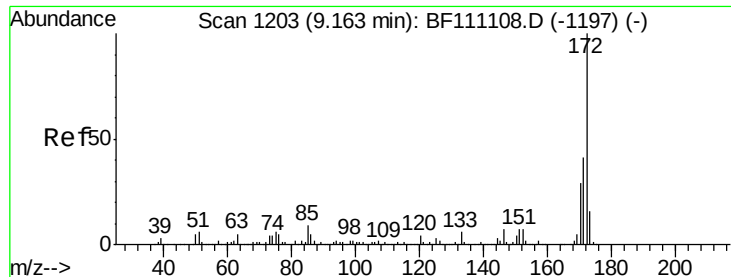
#44
 2,4,5-Trichlorophenol
 Concen: 45.462 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Tgt Ion:196 Resp: 672244
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.0 112.4
 97 60.5 46.2 69.4
 132 33.3 27.2 40.8



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

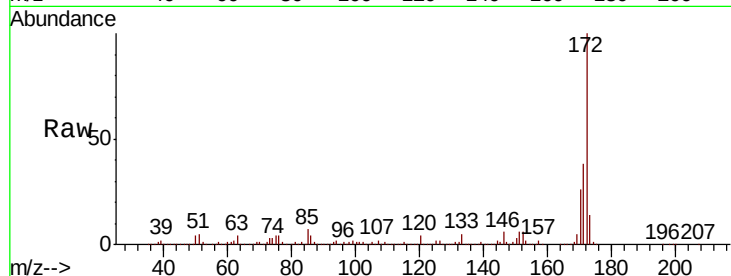




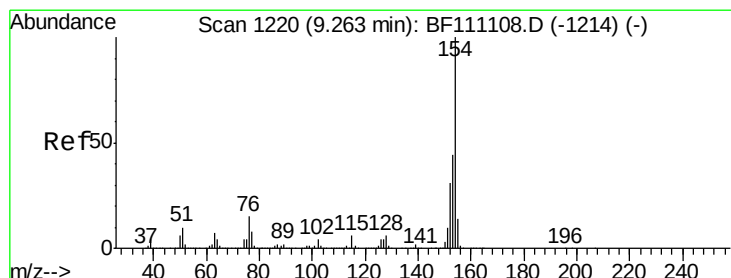
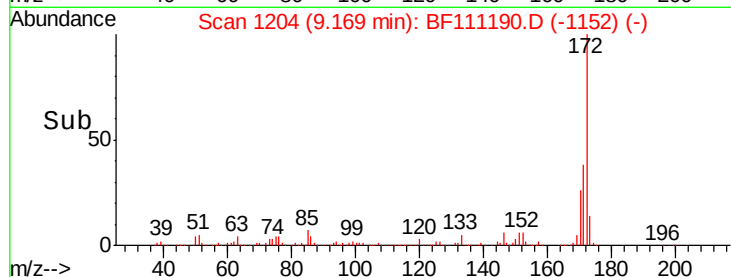
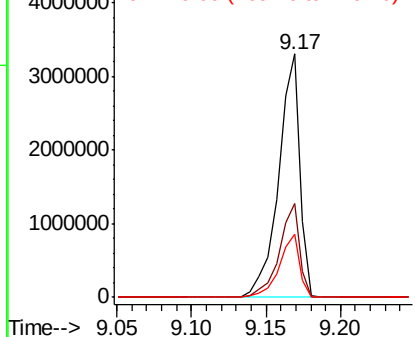
#45
2-Fluorobiphenyl
Concen: 80.983 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3306025
Ion Ratio Lower Upper
172 100
171 38.3 33.2 49.8
170 26.1 22.9 34.3

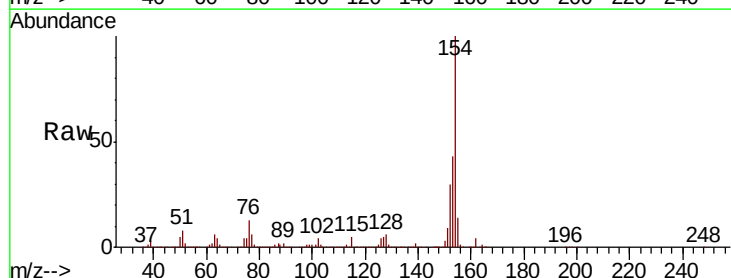


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

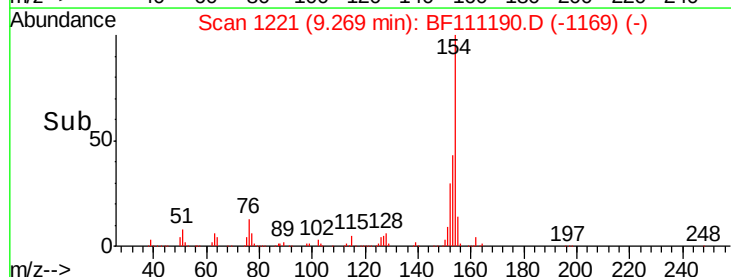
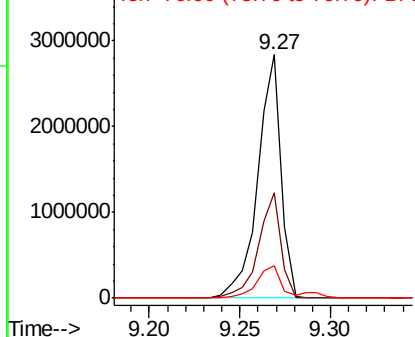


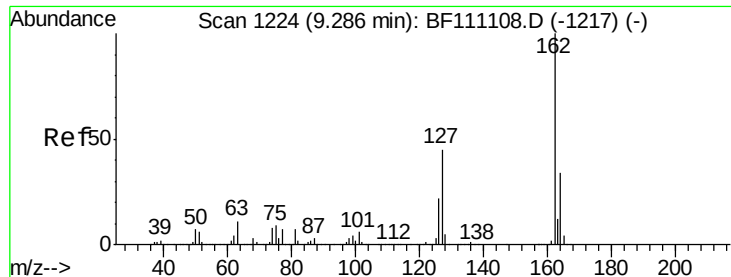
#46
1,1'-Biphenyl
Concen: 41.308 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:154 Resp: 2534077
Ion Ratio Lower Upper
154 100
153 43.0 23.7 63.7
76 13.2 0.0 35.0



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

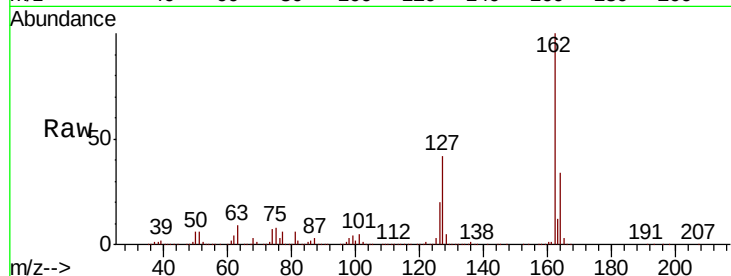




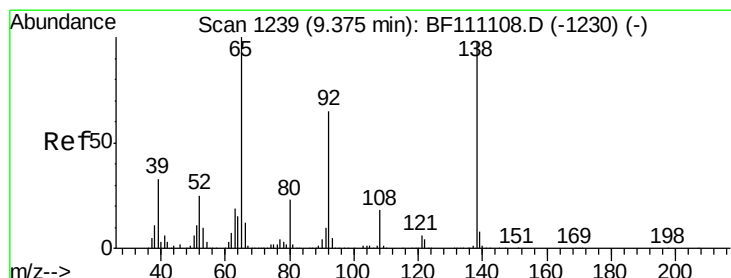
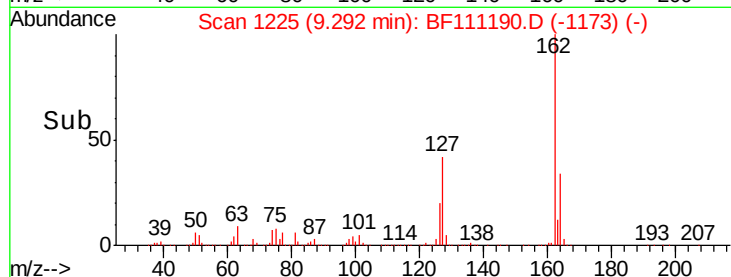
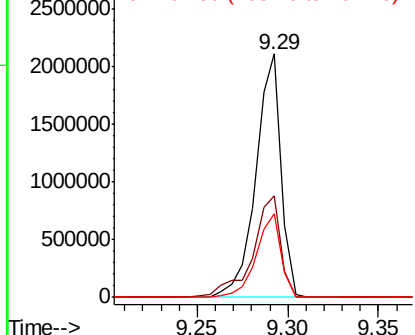
#47
2-Chloronaphthalene
Concen: 42.638 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2032568
Ion Ratio Lower Upper
162 100
127 41.9 36.4 54.6
164 34.1 27.3 40.9

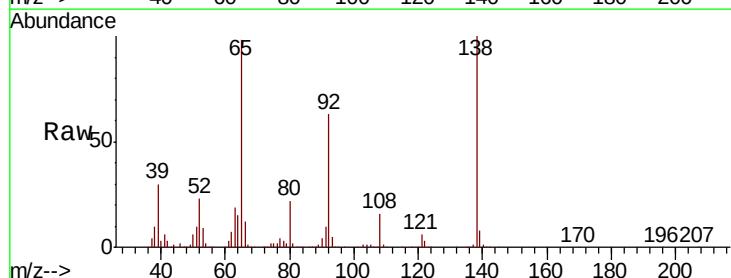


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

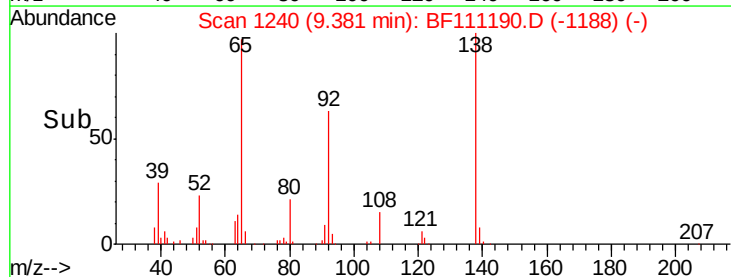
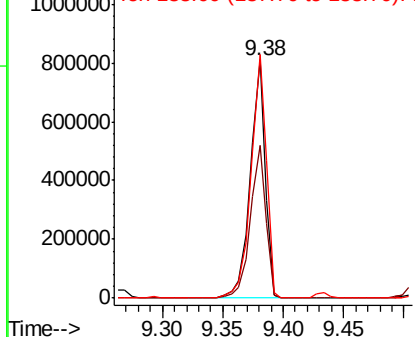


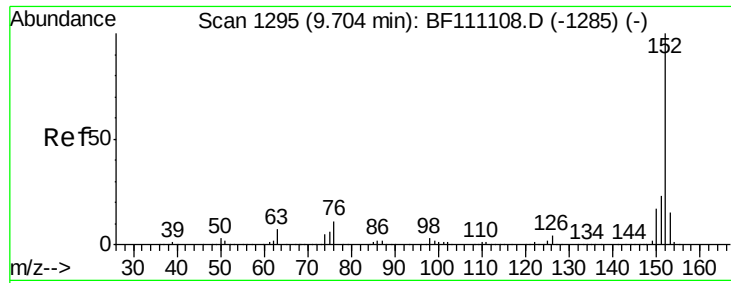
#48
2-Nitroaniline
Concen: 45.507 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion: 65 Resp: 703023
Ion Ratio Lower Upper
65 100
92 64.3 52.1 78.1
138 102.3 78.2 117.4



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: 47.895 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

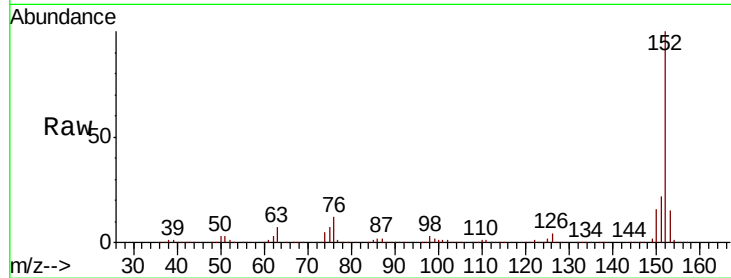
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3191407

Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.3	27.5
153	14.6	11.8	17.8

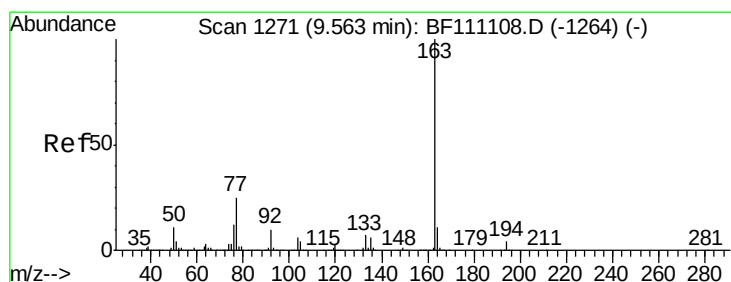
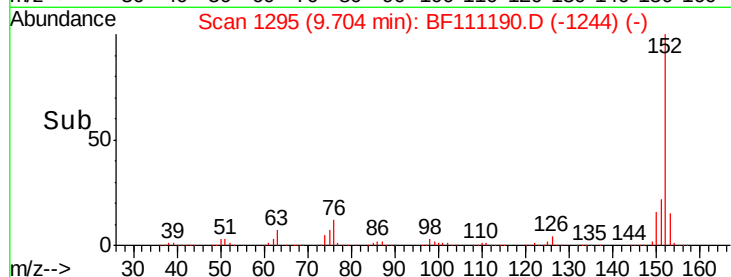
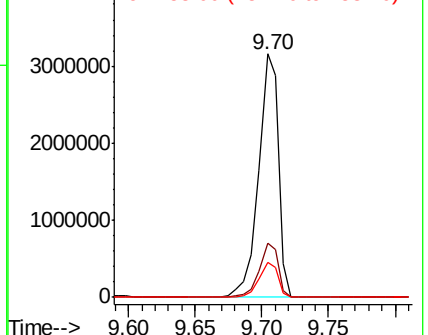


Abundance

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: 44.124 ng

RT: 9.57 min Scan# 1272

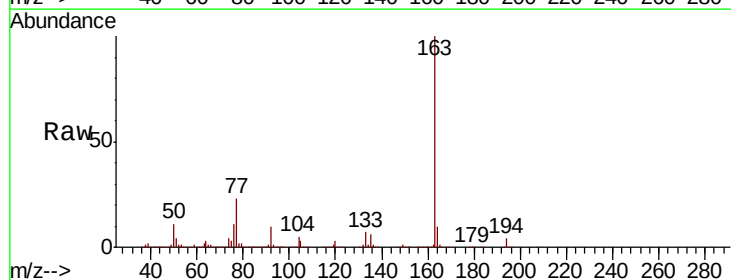
Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion:163 Resp: 2301243

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.5	8.9	13.3

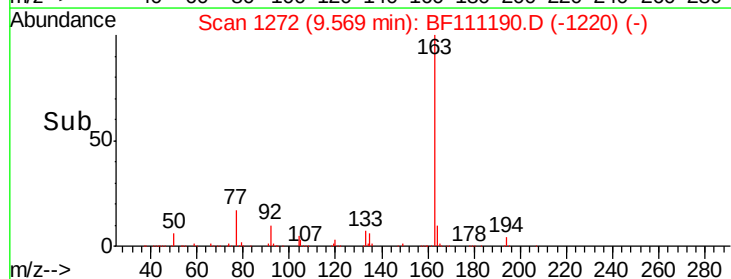
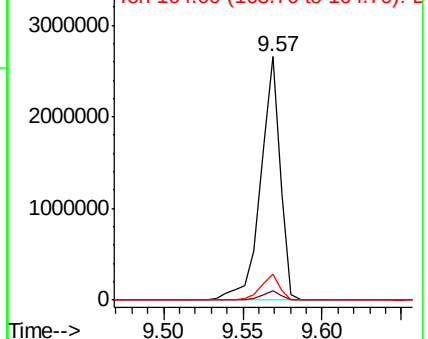


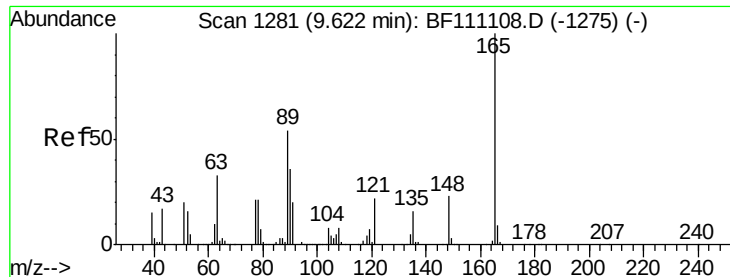
Abundance

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: 48.470 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampled :

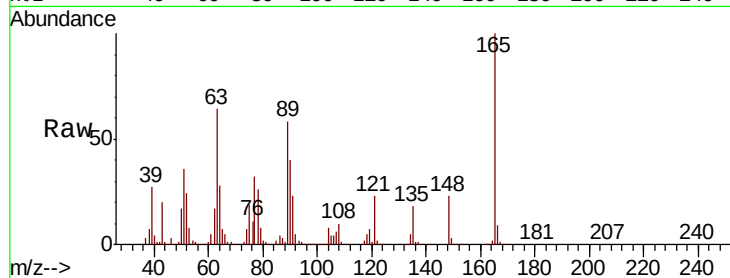
Tot Ion:165 Resp: 535954

Ion Ratio Lower Upper

165 100

63 64.2 44.7 67.1

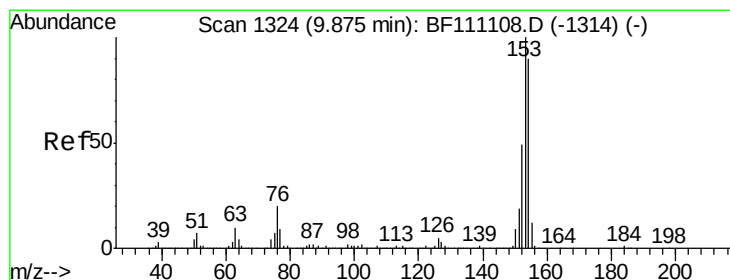
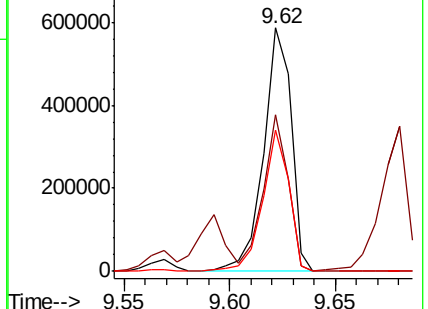
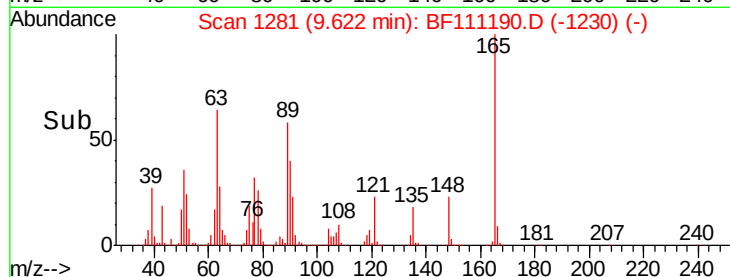
89 57.9 43.0 64.4



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: 47.331 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

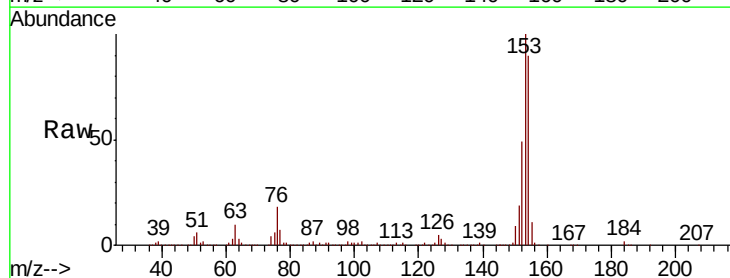
Tgt Ion:154 Resp: 2083527

Ion Ratio Lower Upper

154 100

153 110.9 88.7 133.1

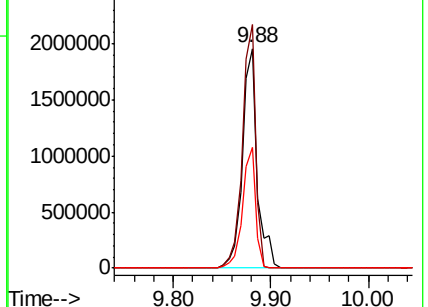
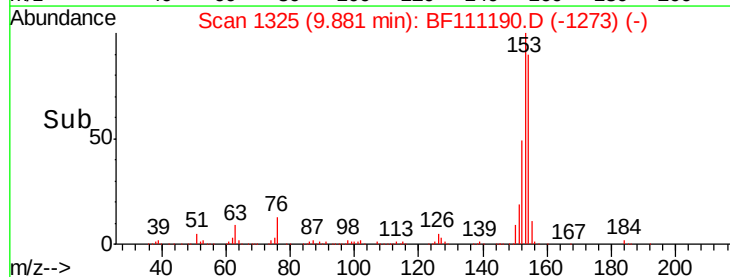
152 54.9 43.8 65.8

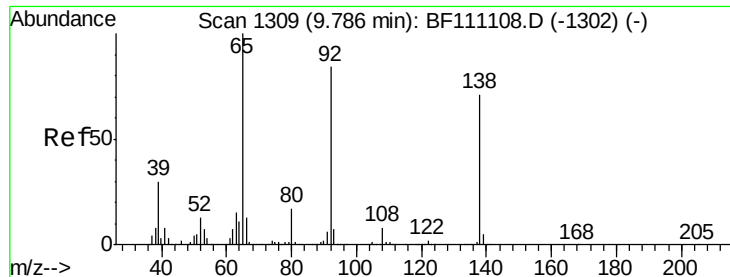


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

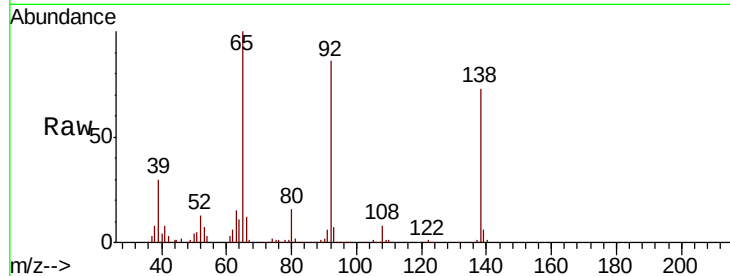




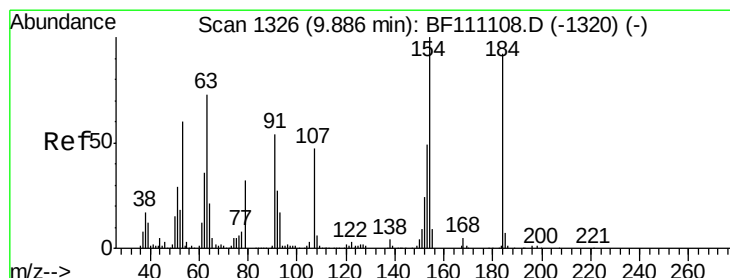
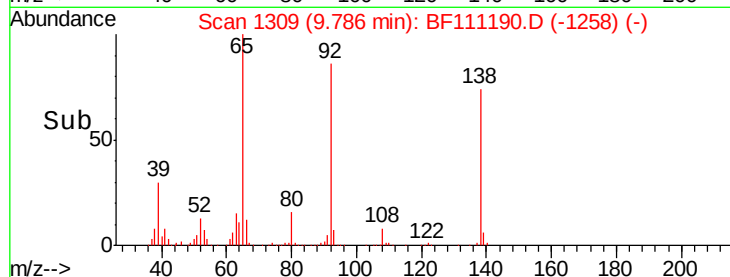
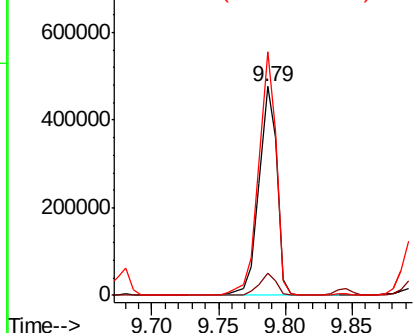
#53
3-Nitroaniline
Concen: 31.432 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 436571
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 116.7 94.1 141.1

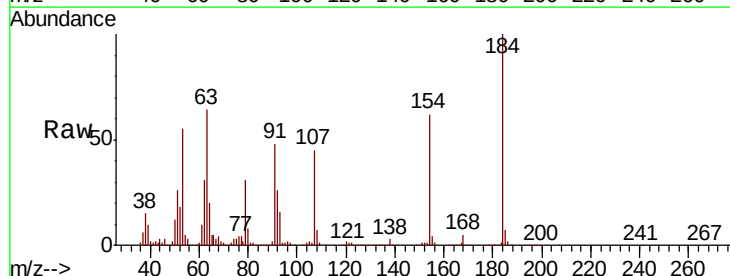


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

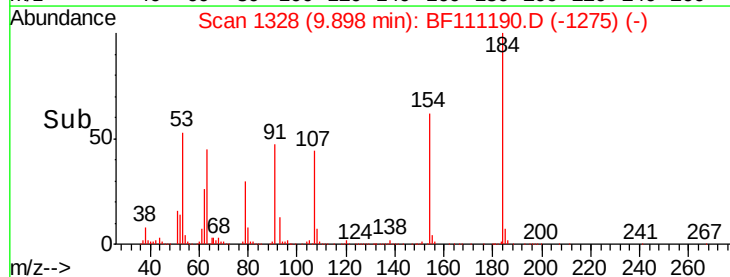
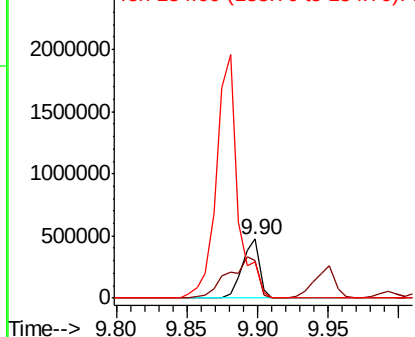


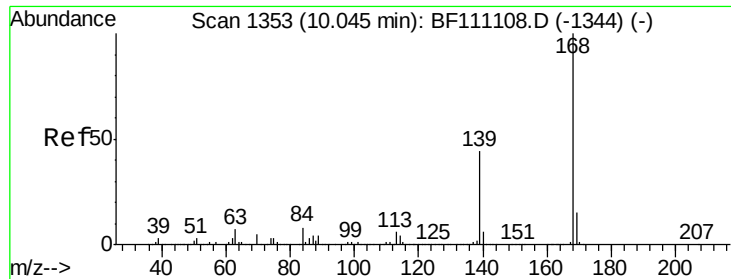
#54
2,4-Dinitrophenol
Concen: 113.389 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:184 Resp: 407794
Ion Ratio Lower Upper
184 100
63 64.0 64.2 96.4#
154 61.7 89.5 134.3#



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: 45.417 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

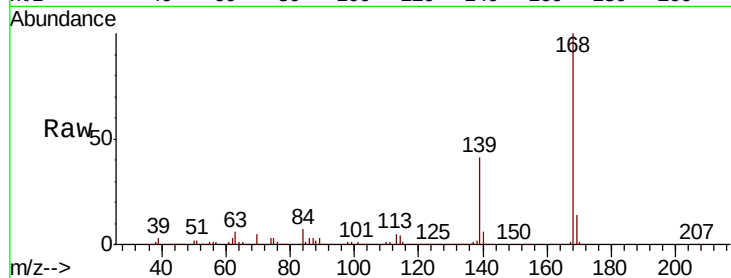
Tot Ion:168 Resp: 2753750

Ion Ratio Lower Upper

168 100

139 41.4 35.1 52.7

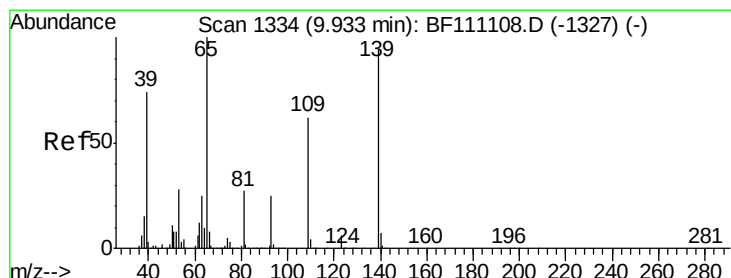
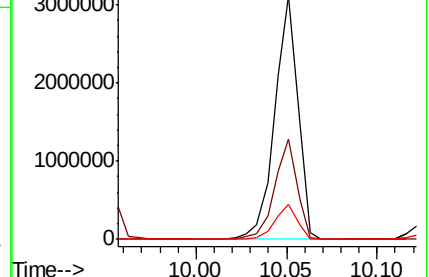
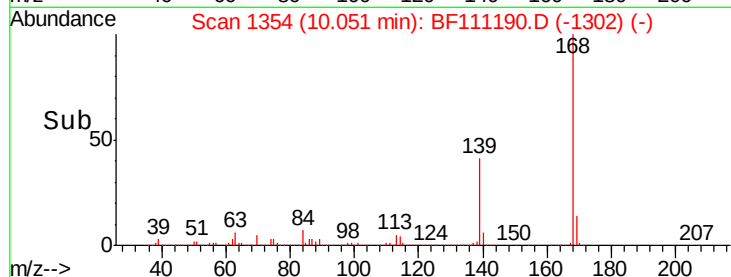
169 14.3 12.2 18.4



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: 87.776 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

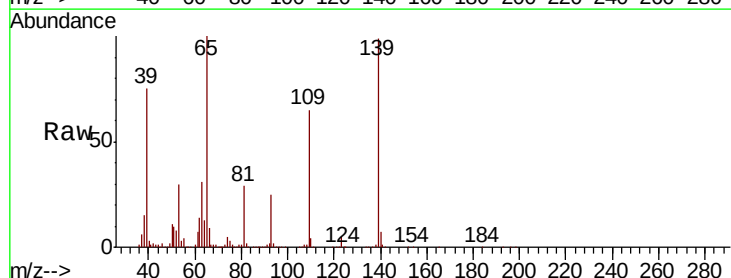
Tgt Ion:139 Resp: 918719

Ion Ratio Lower Upper

139 100

109 65.5 46.1 86.1

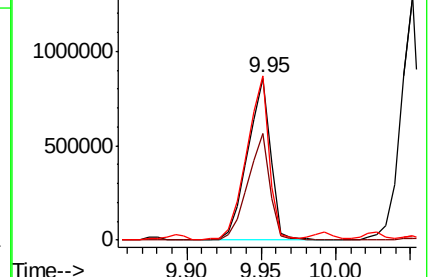
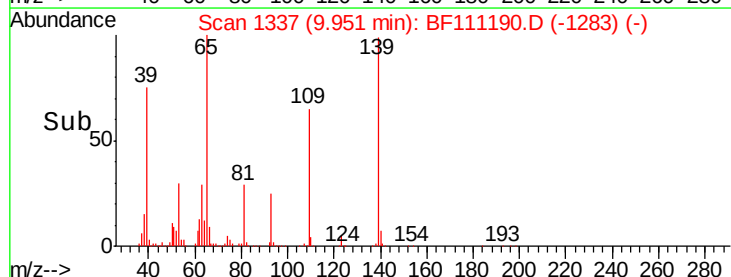
65 101.0 87.0 127.0

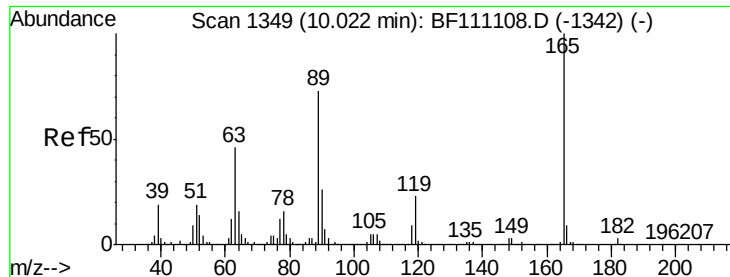


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

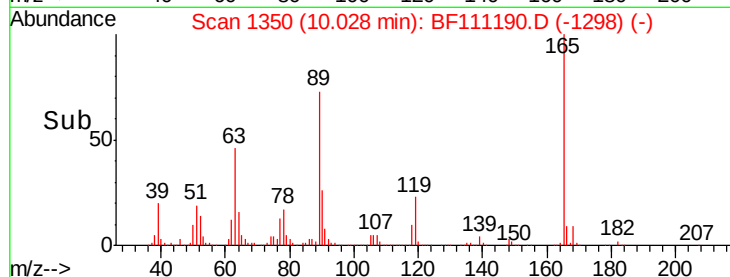
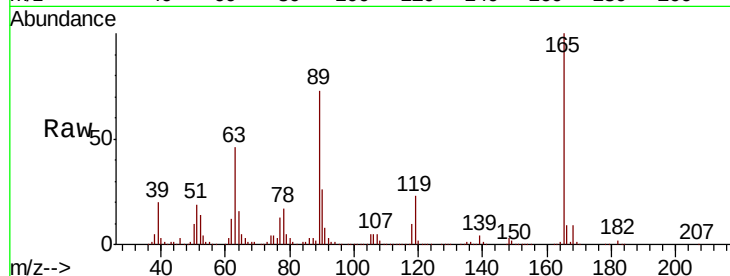




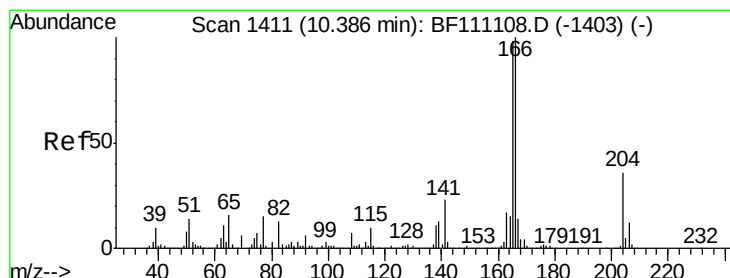
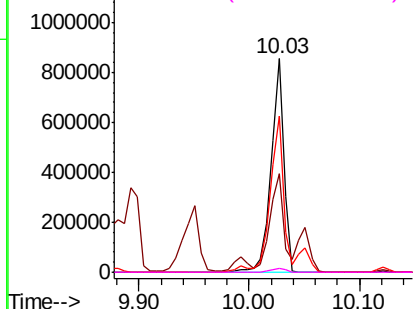
#57
2,4-Dinitrotoluene
Concen: 49.019 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 700033
Ion Ratio Lower Upper
165 100
63 46.4 36.7 55.1
89 73.3 58.4 87.6
182 2.1 2.1 3.1

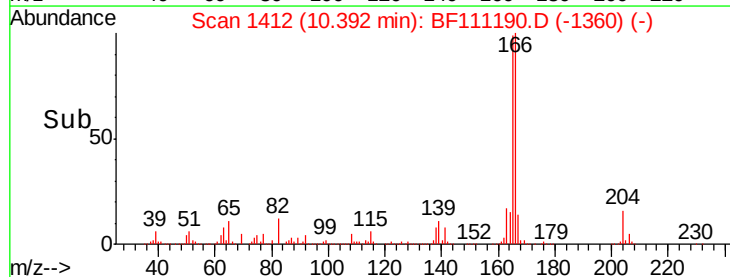
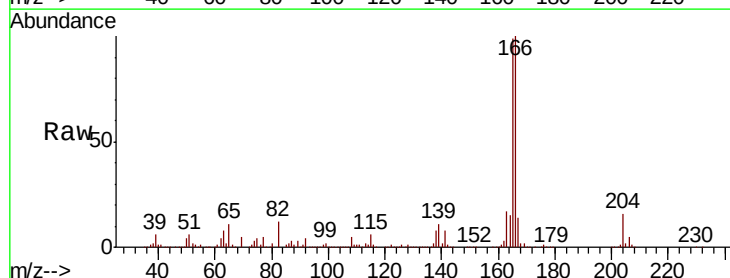


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

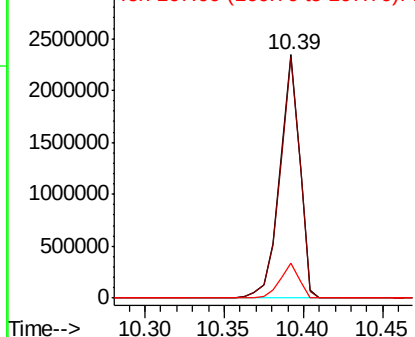


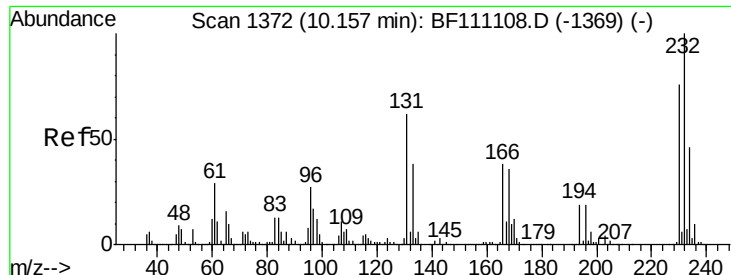
#58
Fluorene
Concen: 47.792 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:166 Resp: 2043406
Ion Ratio Lower Upper
166 100
165 98.9 78.4 117.6
167 14.1 11.4 17.2



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

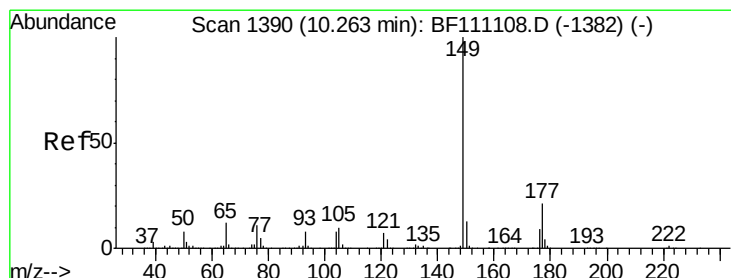
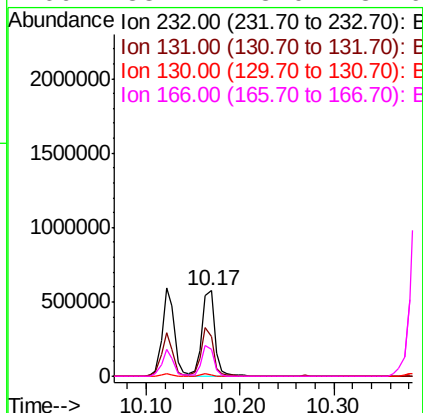
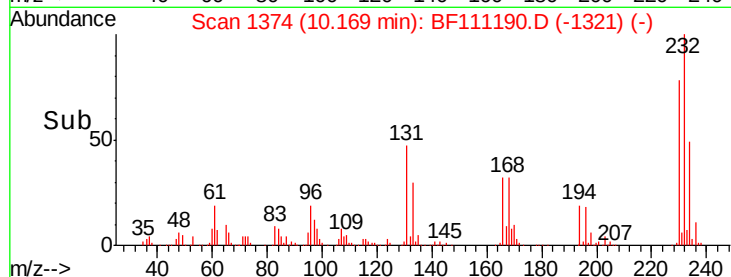
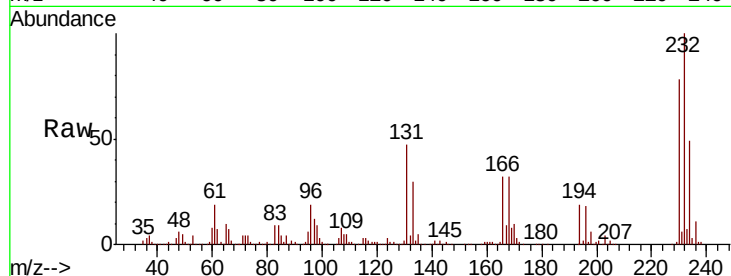




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.533 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

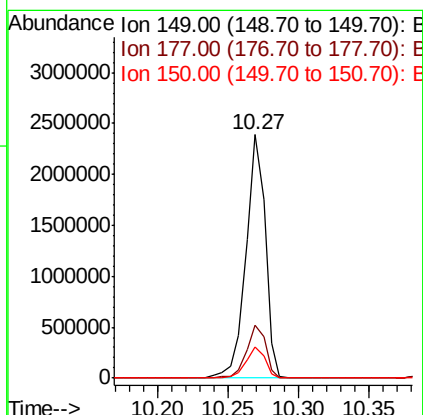
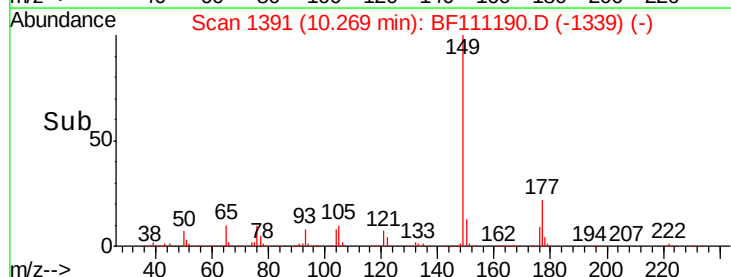
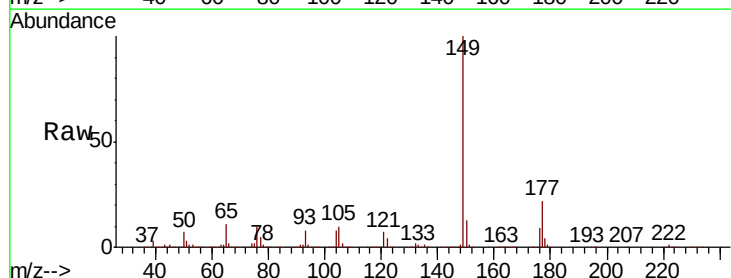
Instrument :
BNA_F
ClientSampled :

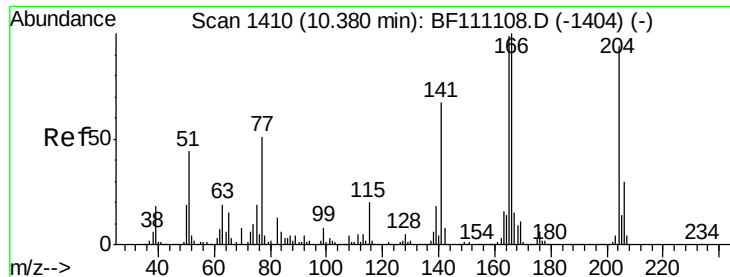
Tot Ion:232 Resp: 557706
Ion Ratio Lower Upper
232 100
131 52.0 40.4 60.6
130 2.6 2.1 3.1
166 33.7 23.0 34.6



#60
Diethylphthalate
Concen: 43.835 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:149 Resp: 2284718
Ion Ratio Lower Upper
149 100
177 21.8 17.0 25.6
150 13.1 10.5 15.7

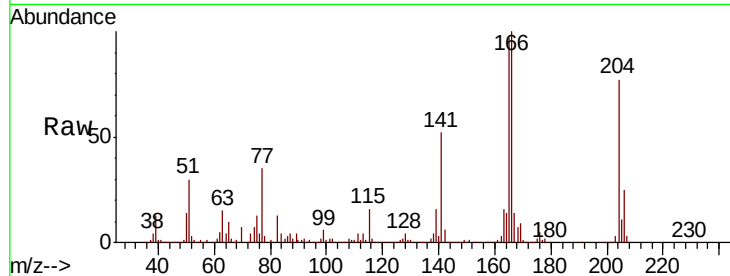




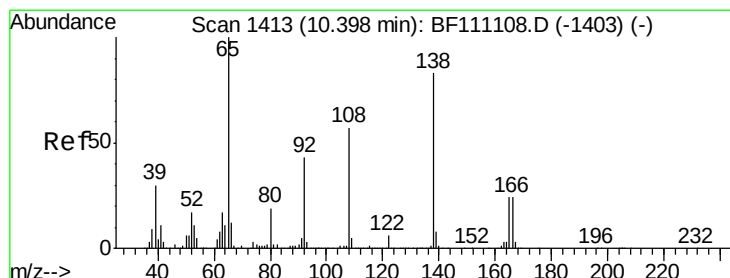
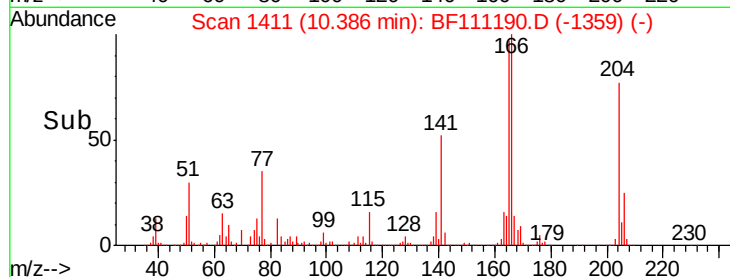
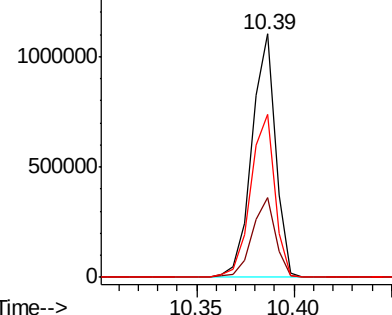
#61
4-Chlorophenyl-phenylether
Concen: 44.196 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 931255
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 67.1 57.4 86.0

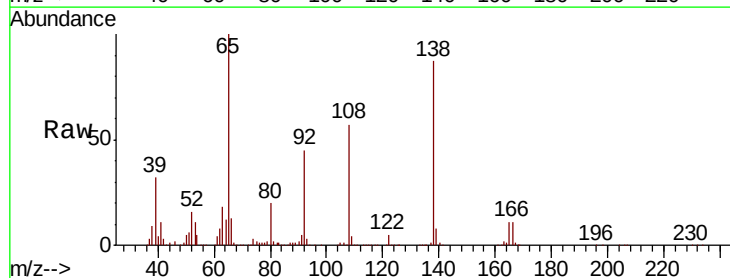


Abundance Ion 204.00 (203.70 to 204.70): E
1500000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

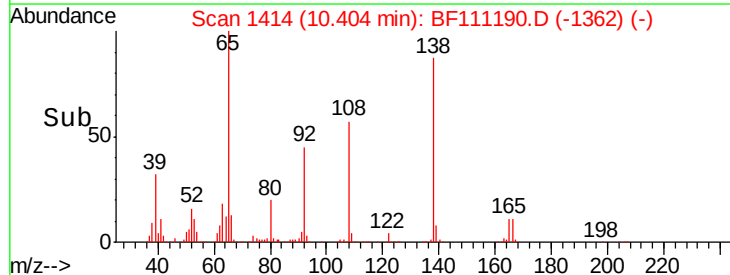
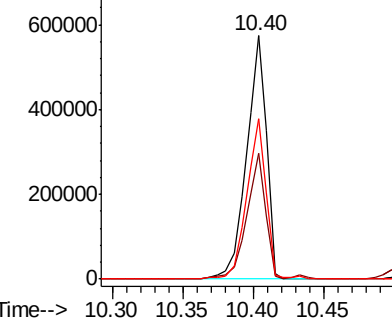


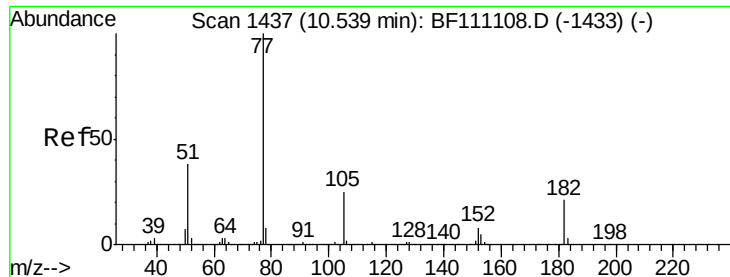
#62
4-Nitroaniline
Concen: 45.997 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:138 Resp: 576613
Ion Ratio Lower Upper
138 100
92 52.0 31.6 71.6
108 66.0 48.3 88.3



Abundance Ion 138.00 (137.70 to 138.70): E
800000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.889 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2324420

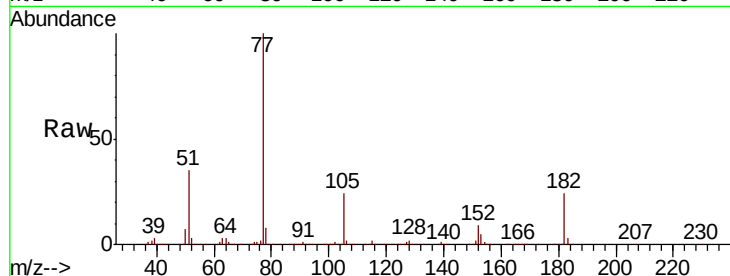
Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.4	41.4
105	24.0	4.7	44.7
51	35.3	18.0	58.0

77 100

182 24.2 1.4 41.4

105 24.0 4.7 44.7

51 35.3 18.0 58.0



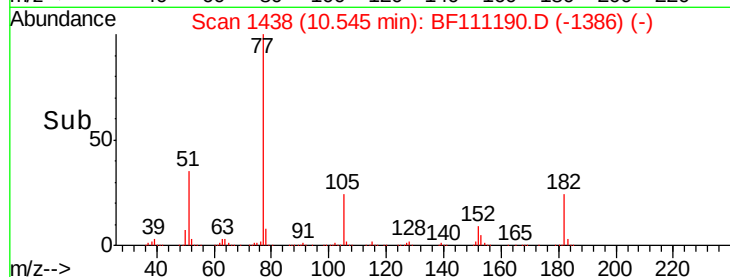
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

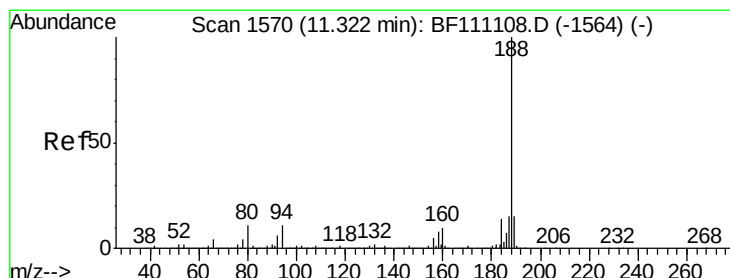
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

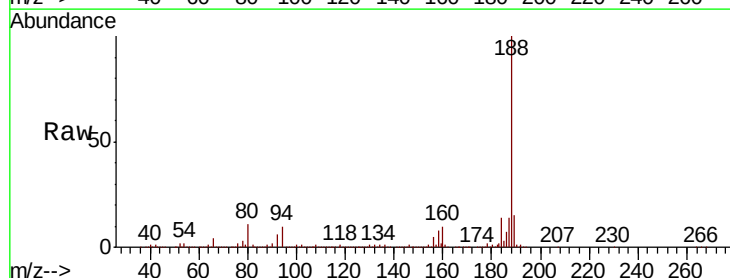
Tgt Ion: 188 Resp: 1273030

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.0	13.6

188 100

94 10.4 8.5 12.7

80 10.8 9.0 13.6

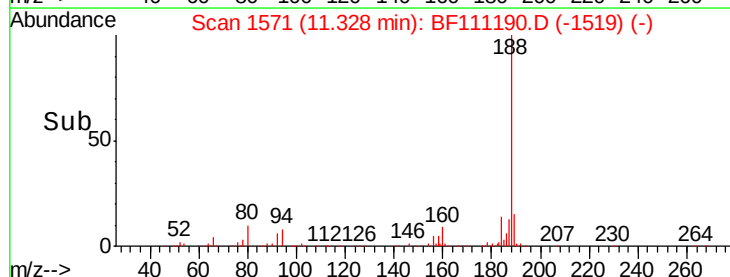


Abundance Ion 188.00 (187.70 to 188.70): E

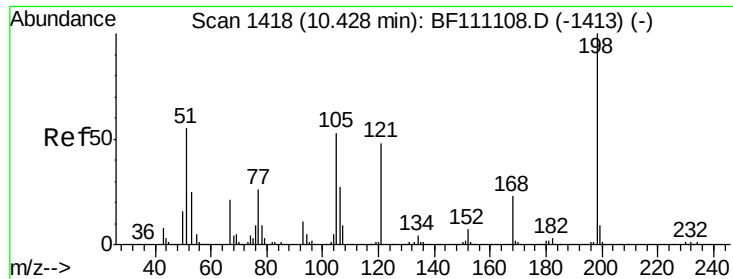
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



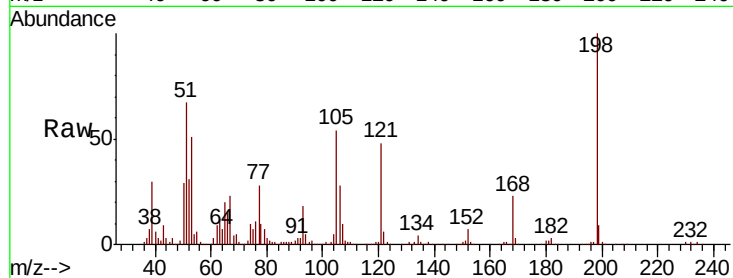
Time-->



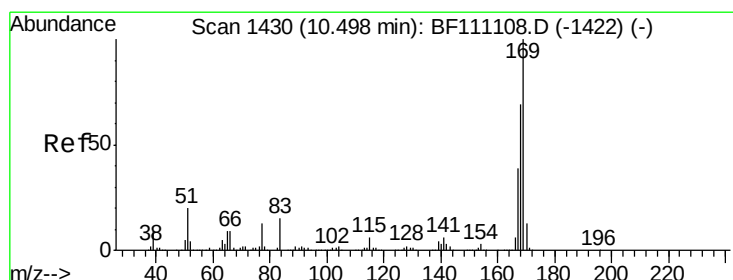
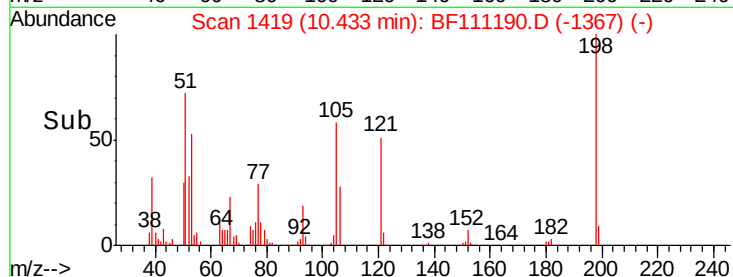
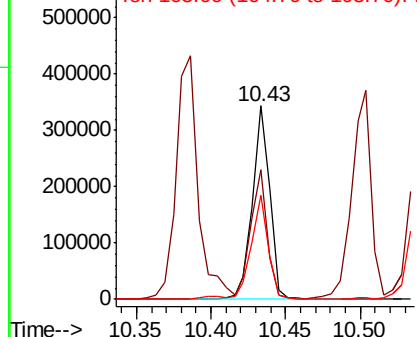
#65
4,6-Dinitro-2-methylphenol
Concen: 51.897 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 272943
Ion Ratio Lower Upper
198 100
51 66.8 48.8 88.8
105 54.0 35.2 75.2

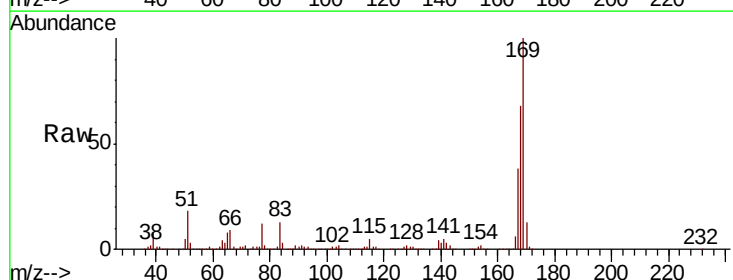


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

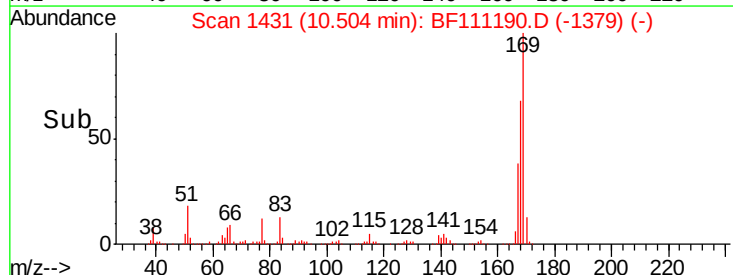
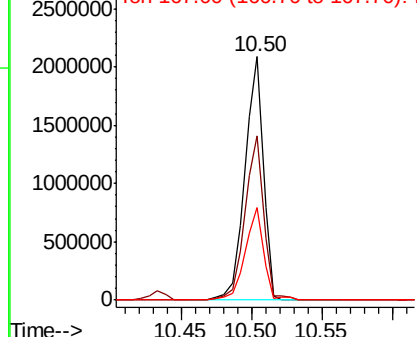


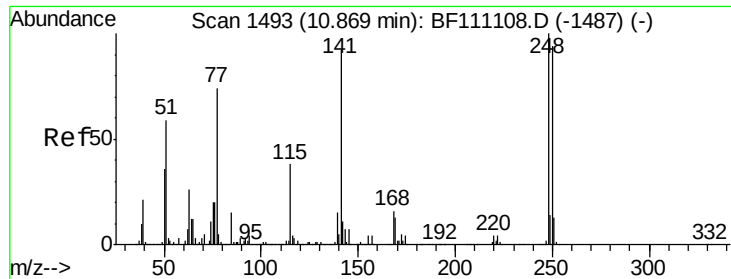
#66
n-Nitrosodiphenylamine
Concen: 42.383 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:169 Resp: 1889230
Ion Ratio Lower Upper
169 100
168 67.7 55.4 83.2
167 37.9 31.1 46.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

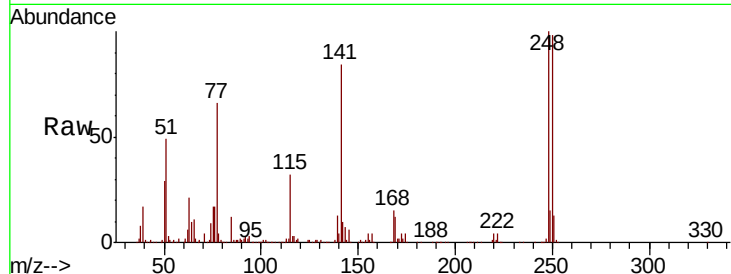




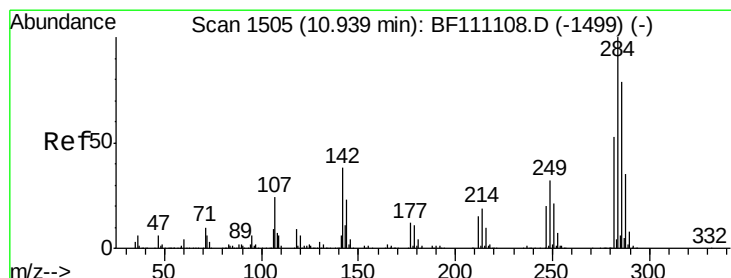
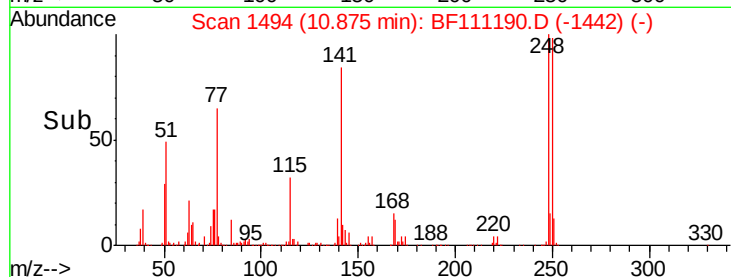
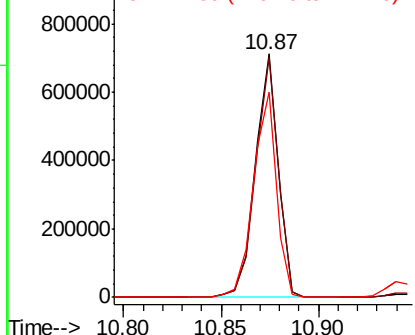
#67
4-Bromophenyl-phenylether
Concen: 42.832 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 577196
Ion Ratio Lower Upper
248 100
250 98.2 75.4 113.0
141 84.2 73.8 110.6

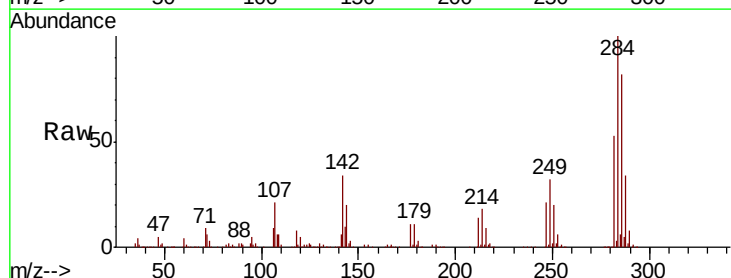


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

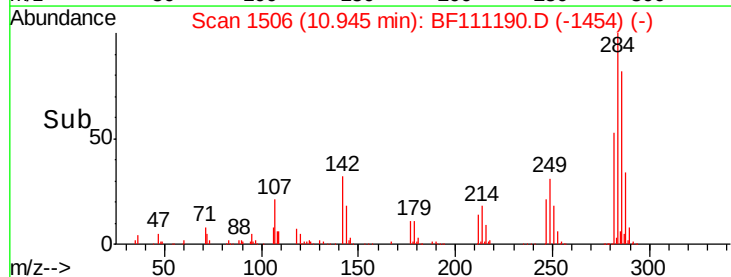
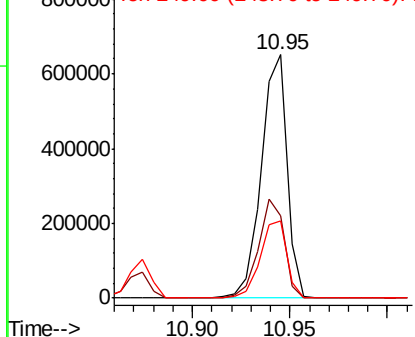


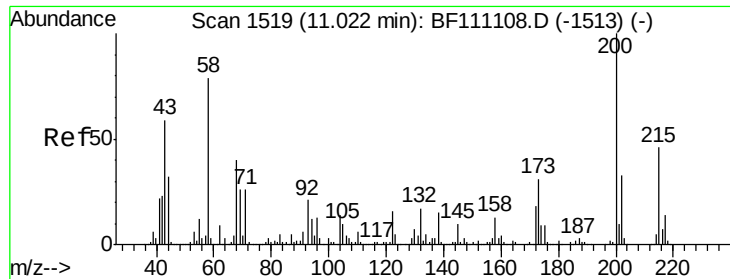
#68
Hexachlorobenzene
Concen: 43.327 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:284 Resp: 597015
Ion Ratio Lower Upper
284 100
142 34.1 30.2 45.2
249 31.7 25.3 37.9



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: 50.484 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

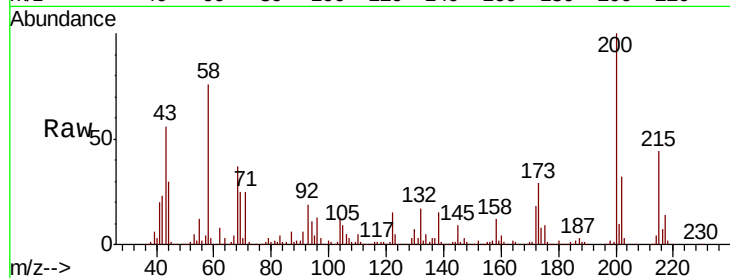
Instrument :

BNA_F

ClientSampled :

Tot Ion:200 Resp: 599046

Ion	Ratio	Lower	Upper
200	100		
173	28.8	11.3	51.3
215	43.5	25.9	65.9

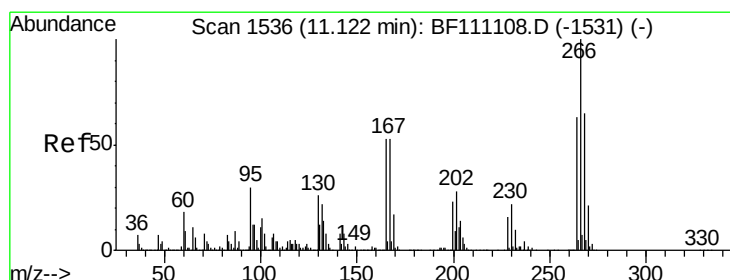
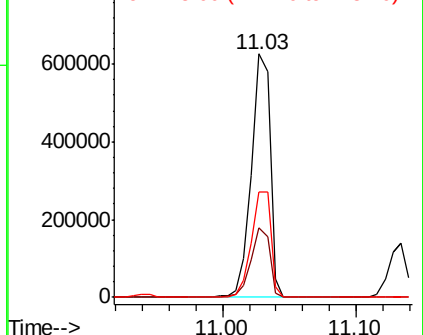
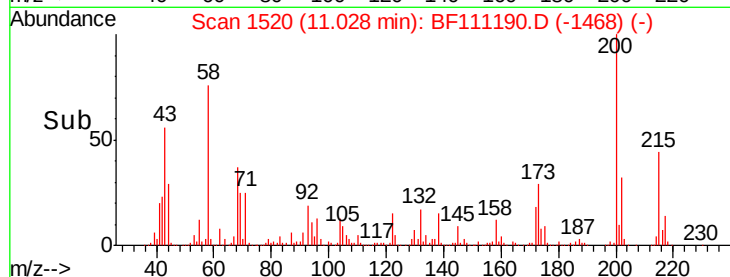


Abundance

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: 77.653 ng

RT: 11.13 min Scan# 1538

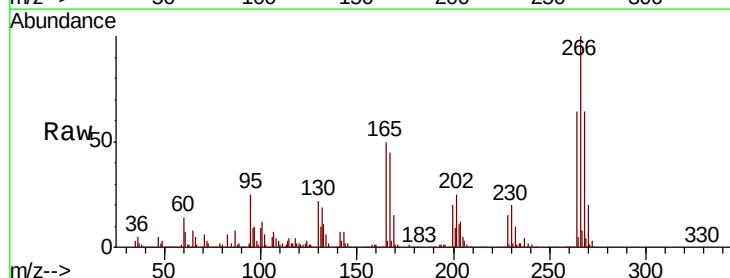
Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion:266 Resp: 703654

Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.2	78.4
264	63.6	50.8	76.2

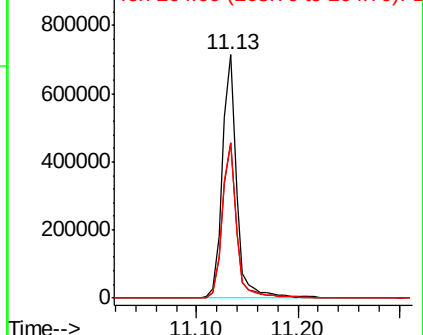
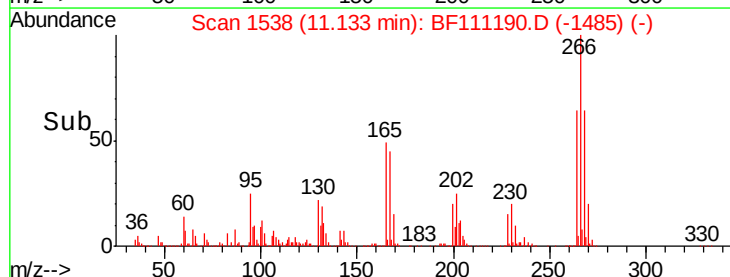


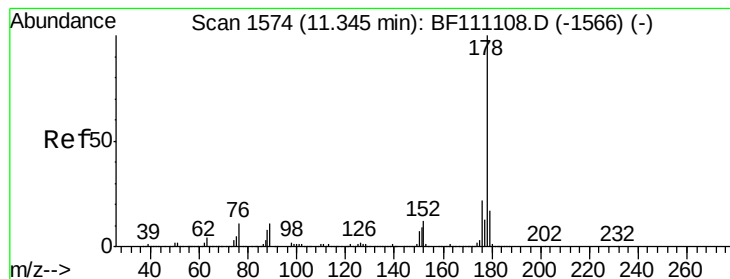
Abundance

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: 47.602 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

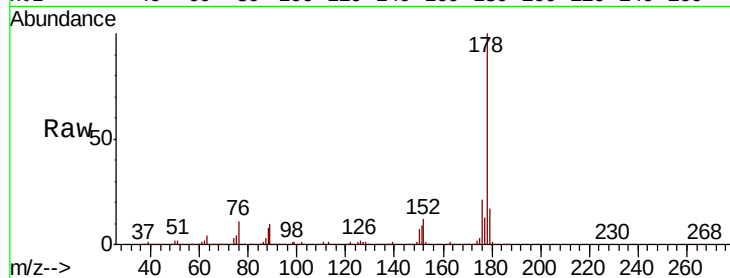
Tot Ion:178 Resp: 2914872

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

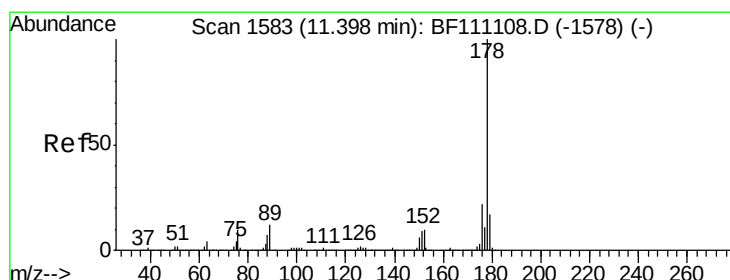
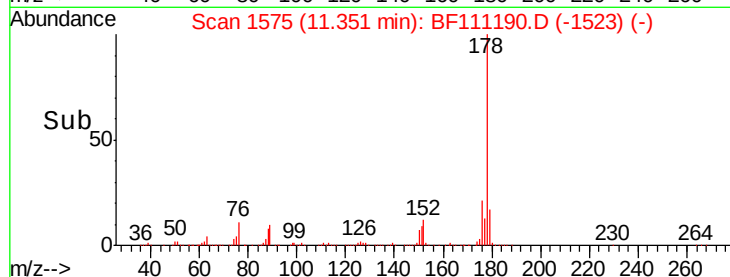
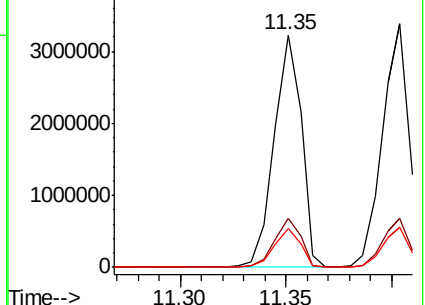
179 16.9 14.0 21.0



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: 48.553 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

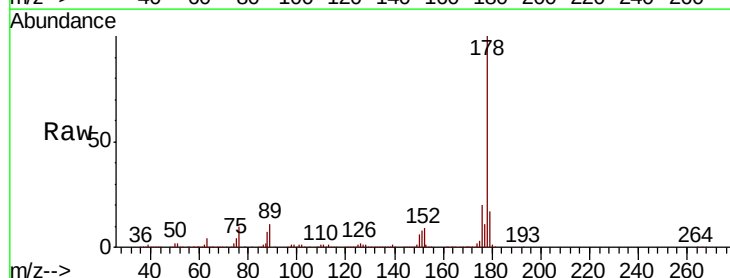
Tgt Ion:178 Resp: 2996903

Ion Ratio Lower Upper

178 100

176 20.4 17.3 25.9

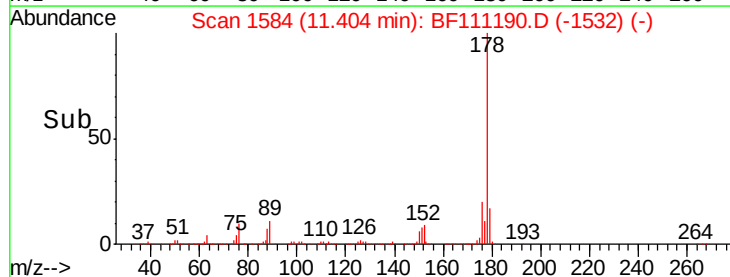
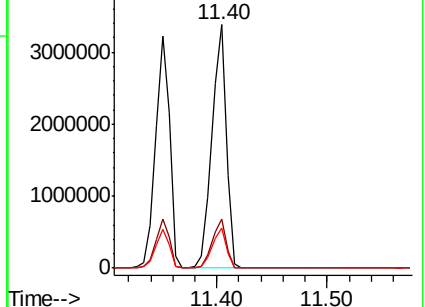
179 16.5 13.8 20.8

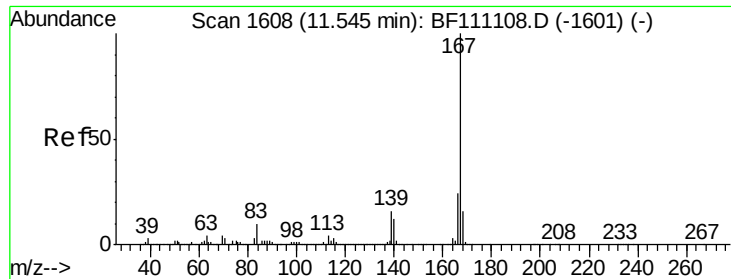


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



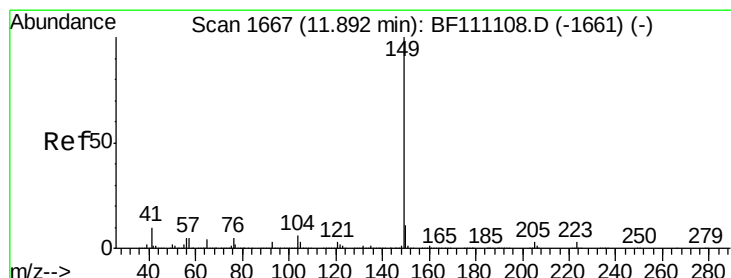
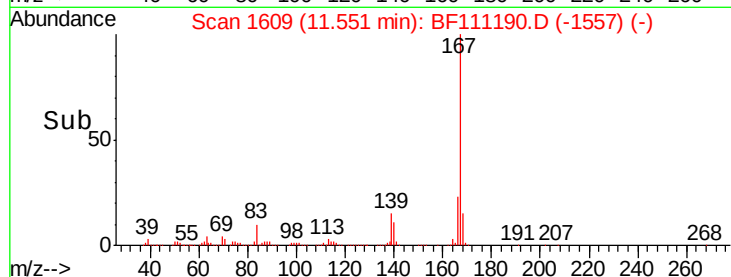
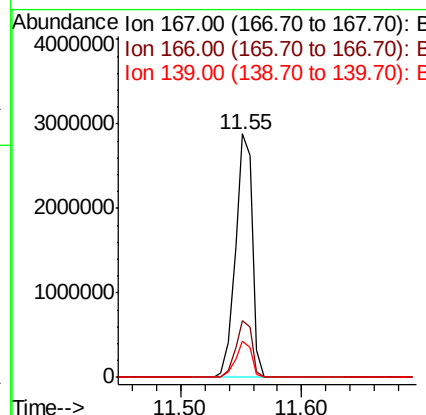
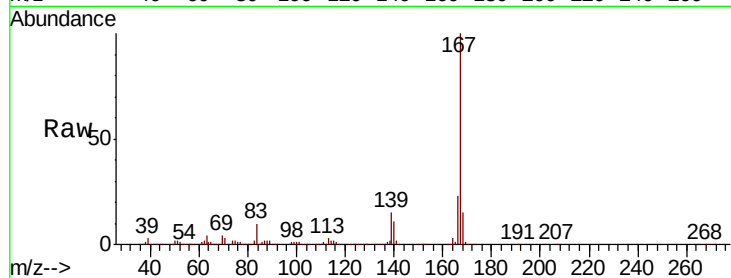


#73
 Carbazole
 Concen: 43.355 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2784557

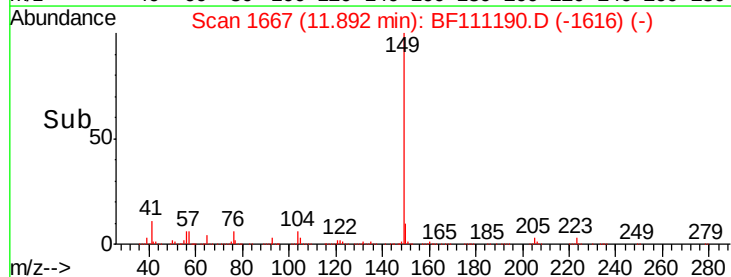
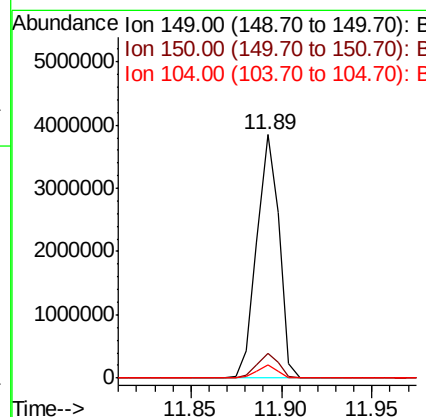
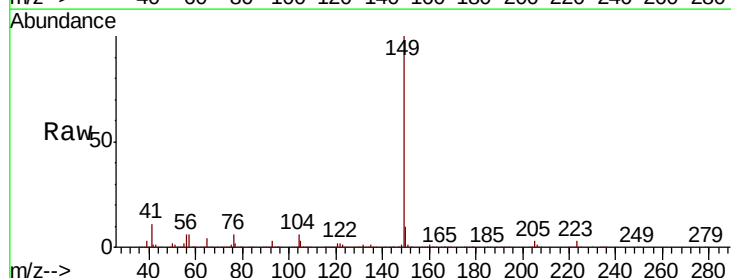
Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.0
139	14.7	12.6	18.8

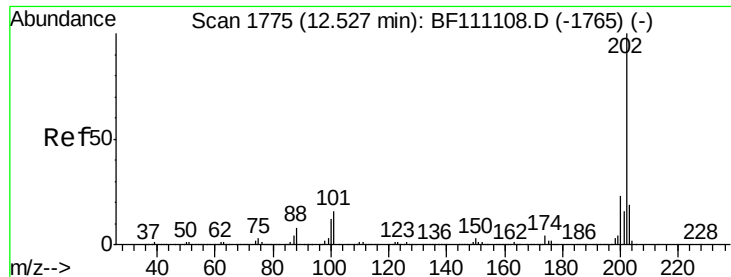


#74
 Di-n-butylphthalate
 Concen: 43.761 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Tgt Ion:149 Resp: 3290047

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.6	12.8
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 47.167 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

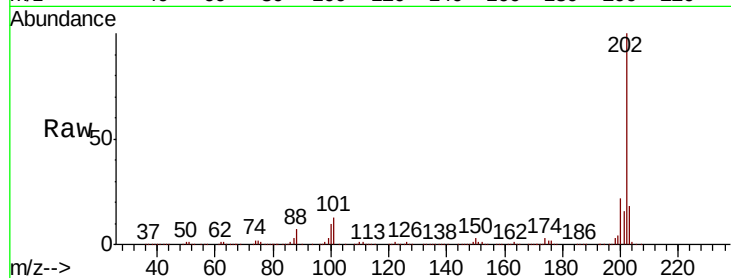
Tot Ion:202 Resp: 2826239

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.8

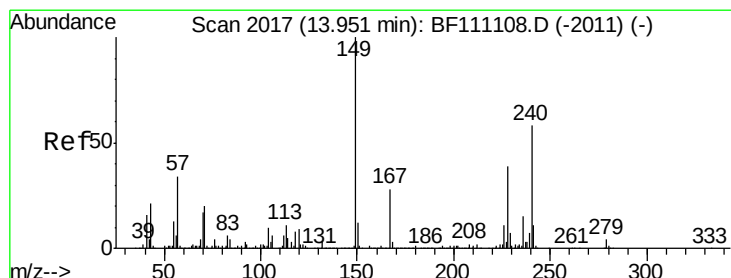
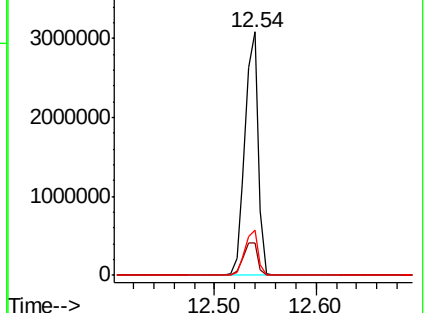
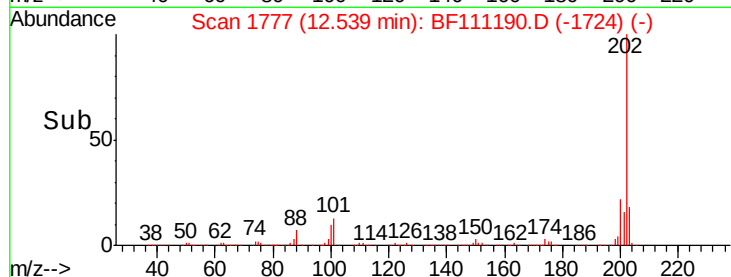
203 18.3 0.0 38.6



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

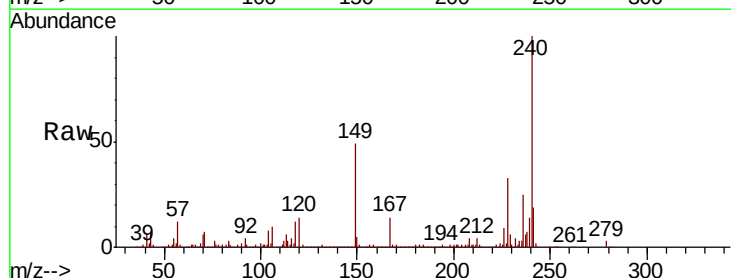
Tgt Ion:240 Resp: 799089

Ion Ratio Lower Upper

240 100

120 14.0 12.8 19.2

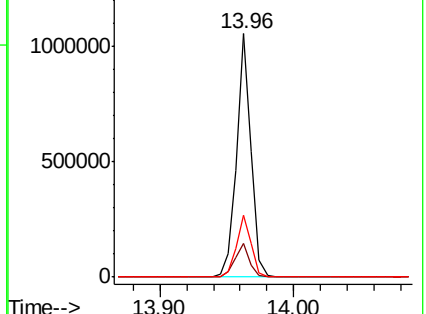
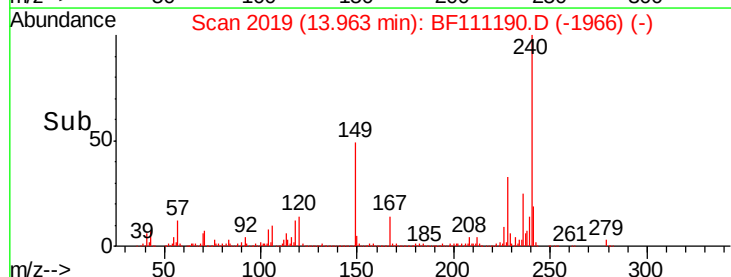
236 25.4 21.1 31.7

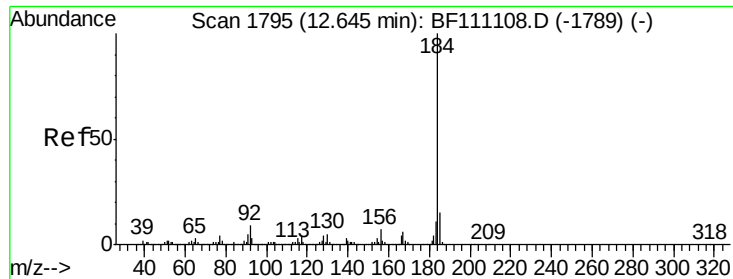


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.718 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

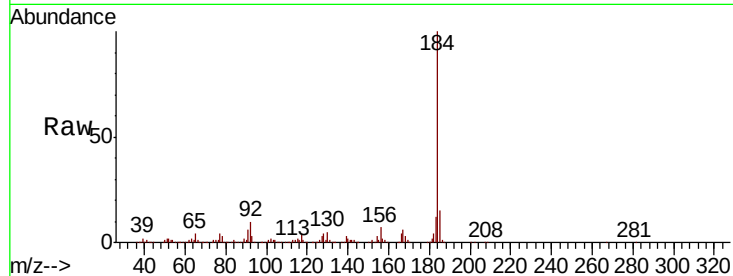
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1298221

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	11.7	8.9	13.3

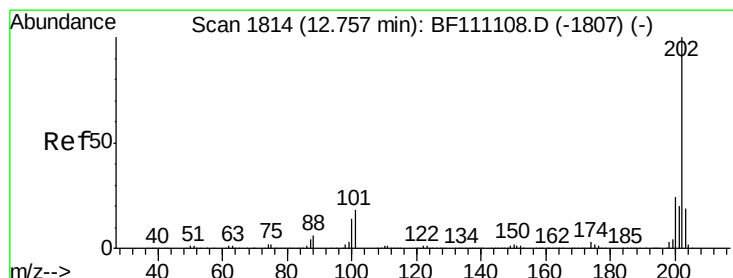
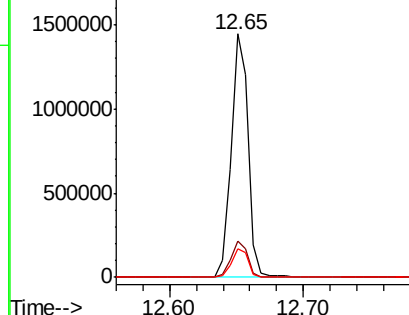
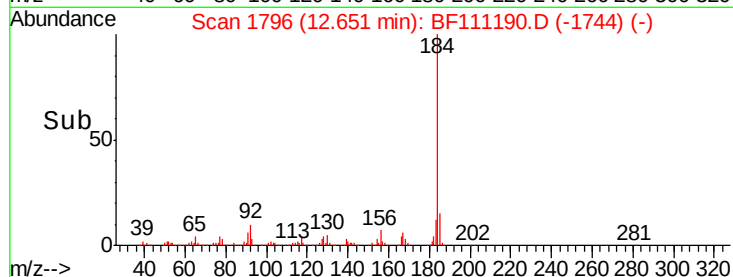


Abundance

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: 46.294 ng

RT: 12.76 min Scan# 1815

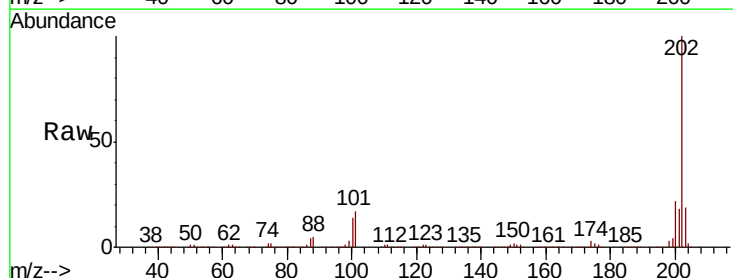
Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion:202 Resp: 2882049

Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.3	28.9
203	18.5	15.4	23.2

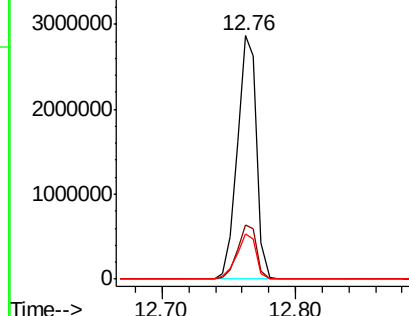
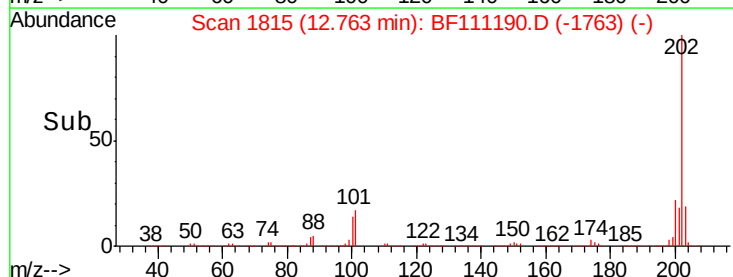


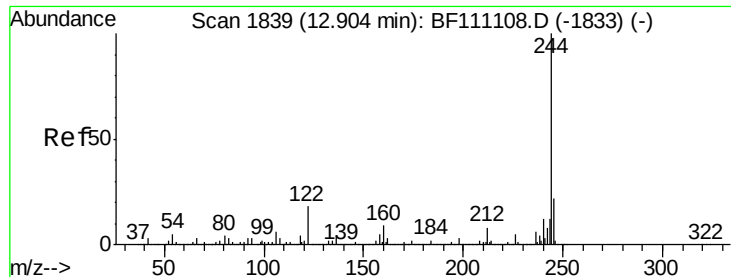
Abundance

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

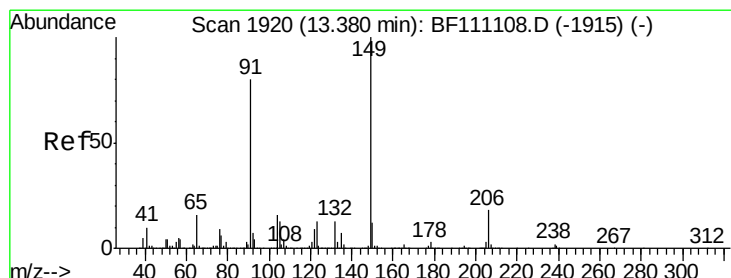
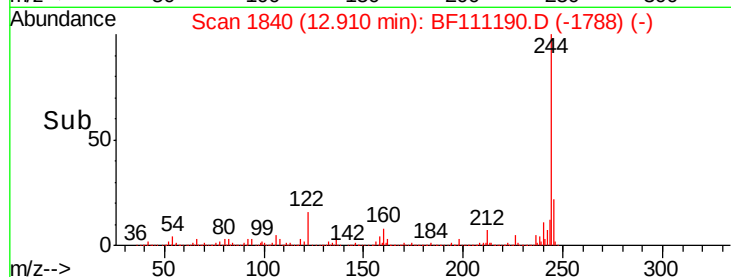
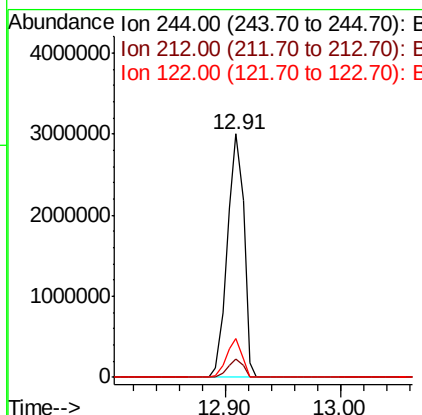
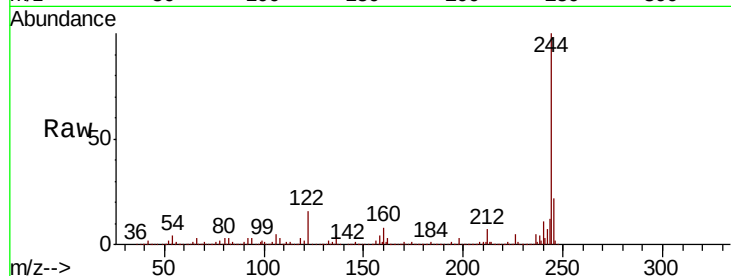




#79
 Terphenyl-d14
 Concen: 76.107 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

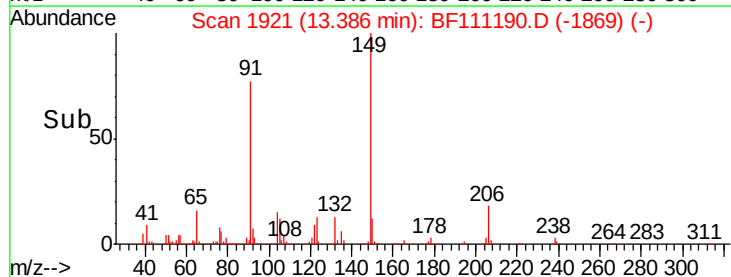
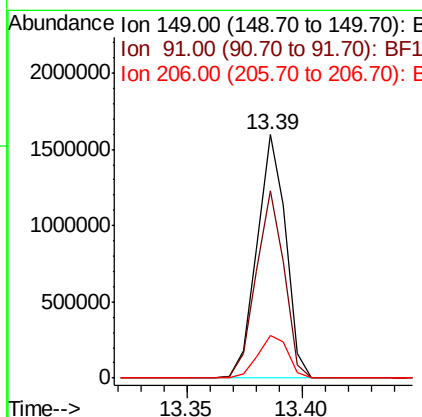
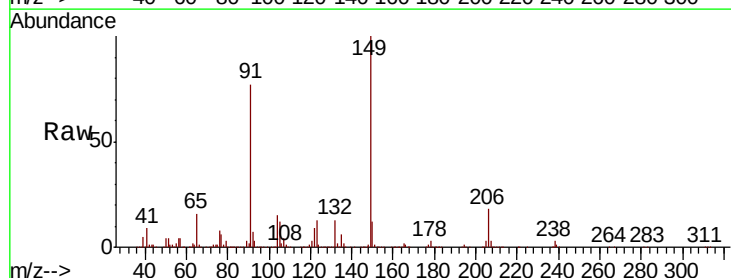
Instrument :
 BNA_F
 ClientSampleId :

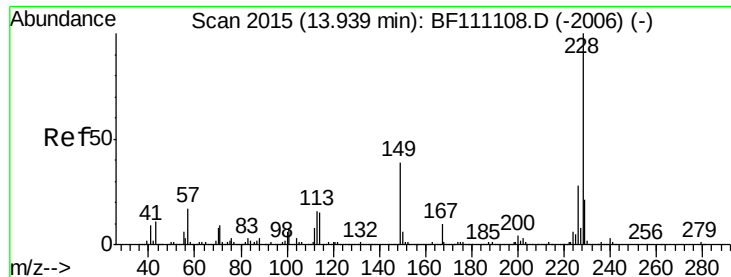
Tot Ion:244 Resp: 2969567
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 9.8
 122 15.9 14.2 21.2



#80
 Butylbenzylphthalate
 Concen: 46.111 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111190.D
 Acq: 7 Dec 2018 16:43

Tgt Ion:149 Resp: 1386767
 Ion Ratio Lower Upper
 149 100
 91 76.7 64.0 96.0
 206 17.5 14.1 21.1





#81

Benzo(a)anthracene

Concen: 45.320 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampled :

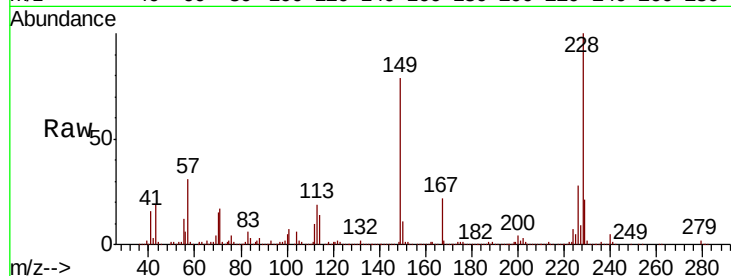
Tot Ion:228 Resp: 2121831

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

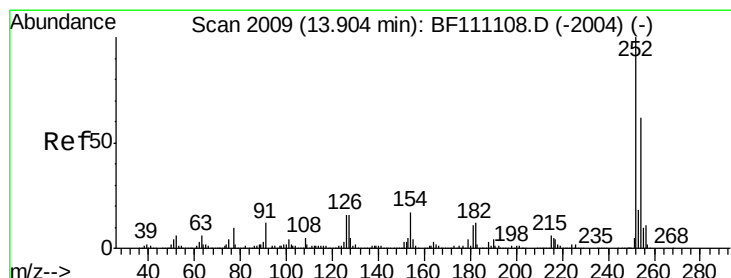
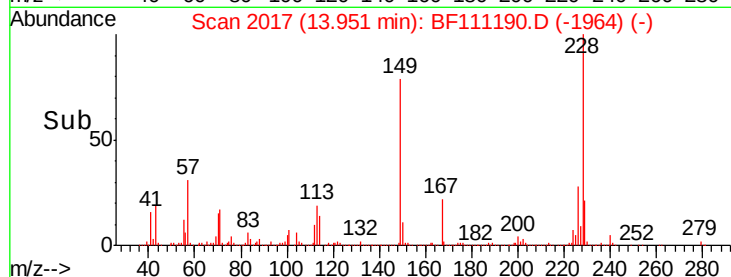
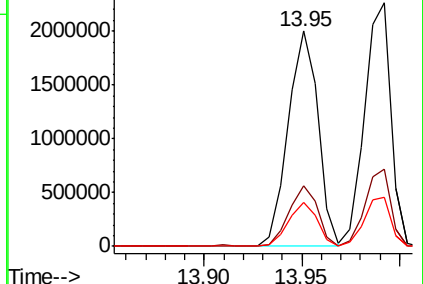
229 20.6 16.7 25.1



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: 28.192 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

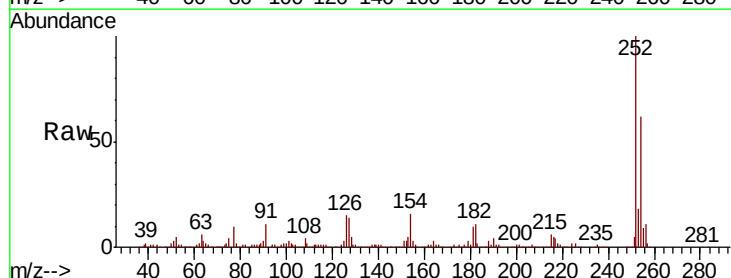
Tgt Ion:252 Resp: 498115

Ion Ratio Lower Upper

252 100

254 62.4 49.8 74.8

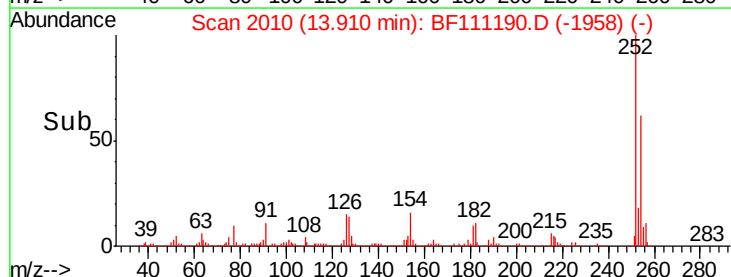
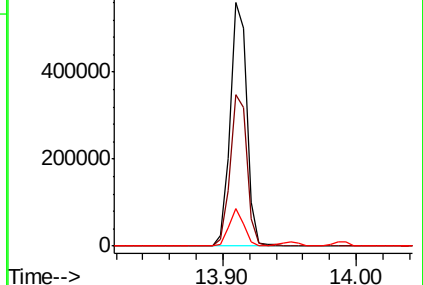
126 15.4 12.9 19.3

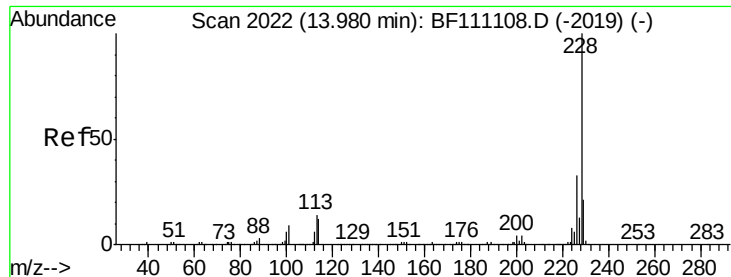


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

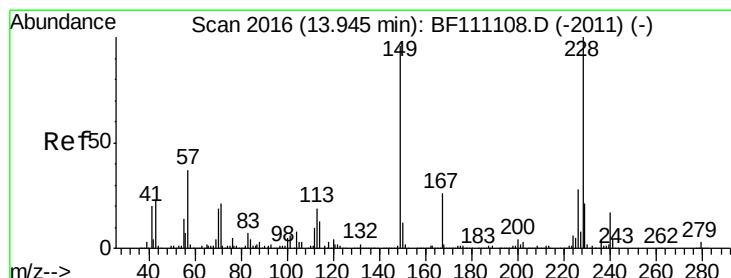
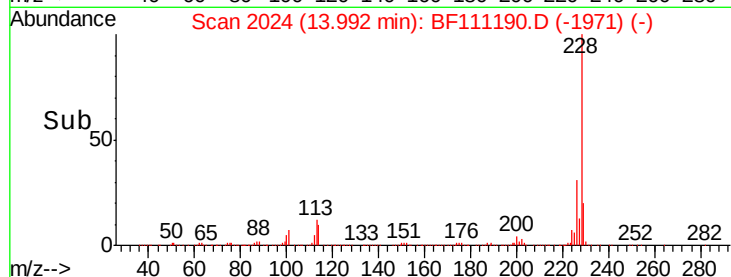
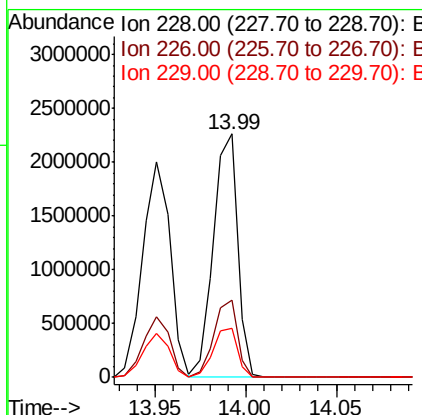
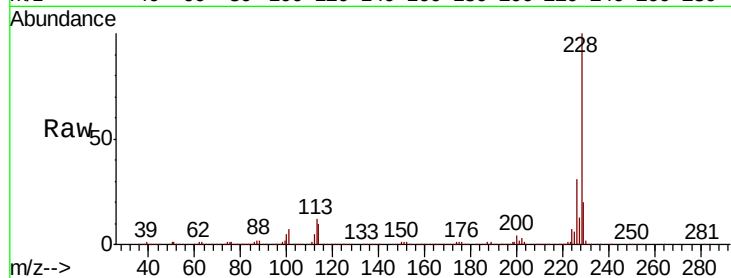




#83
Chrvsene
Concen: 45.401 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

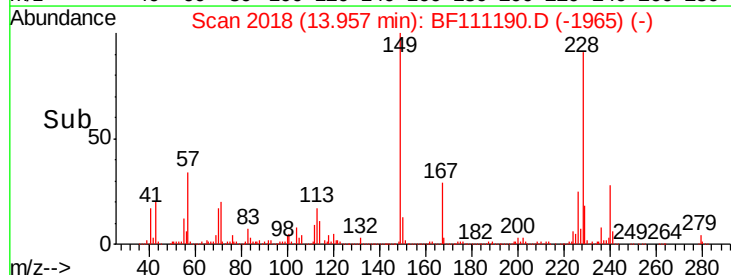
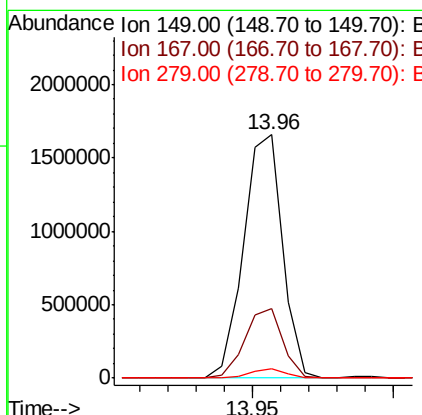
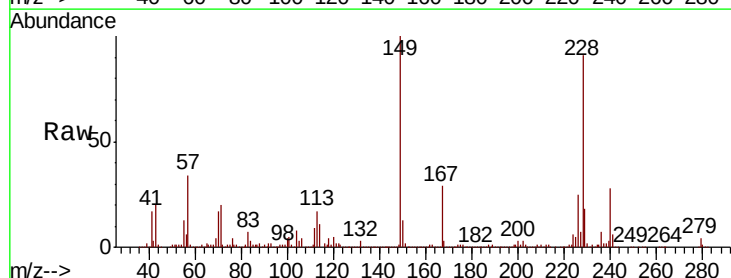
Instrument :
BNA_F
ClientSampleId :

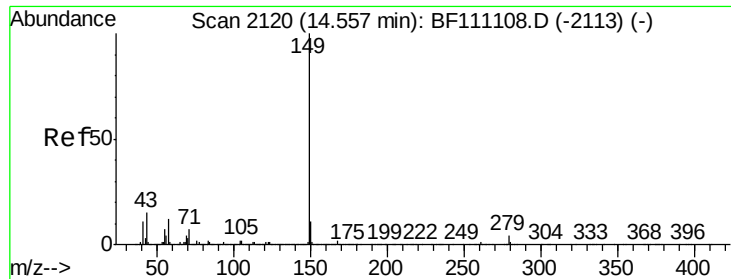
Tot Ion:228 Resp: 2110179
Ion Ratio Lower Upper
228 100
226 31.5 26.2 39.2
229 20.2 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.638 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:149 Resp: 1585216
Ion Ratio Lower Upper
149 100
167 28.7 21.6 32.4
279 3.8 2.3 3.5#

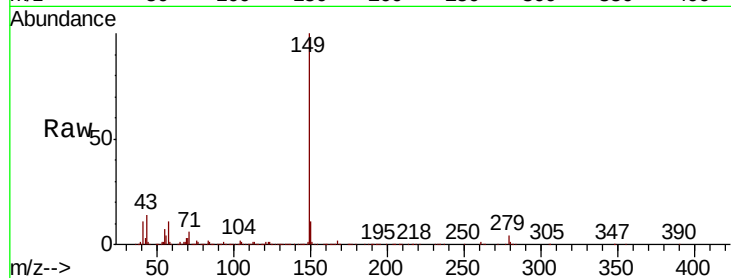




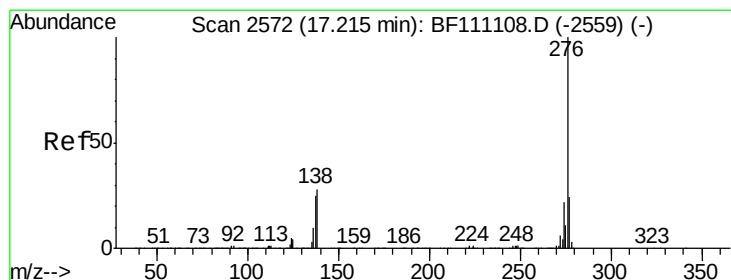
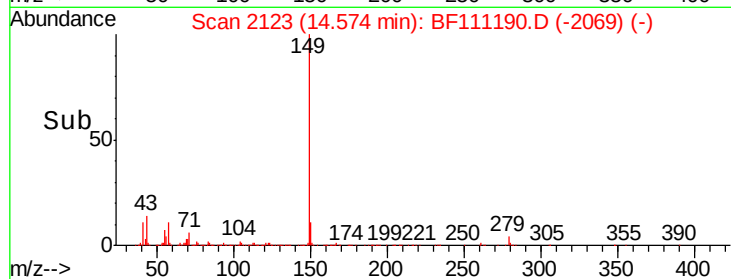
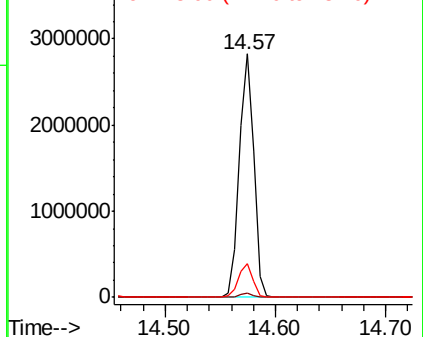
#85
Di-n-octyl phthalate
Concen: 45.833 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.02 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2617360
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 11.9 17.9

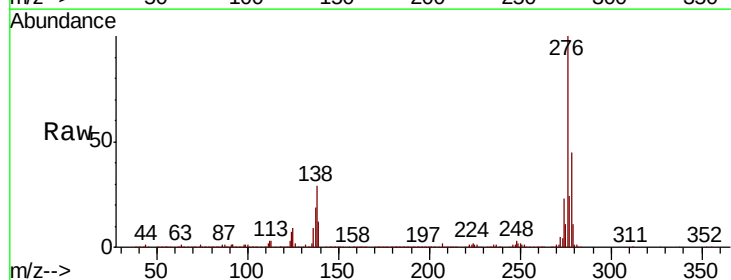


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

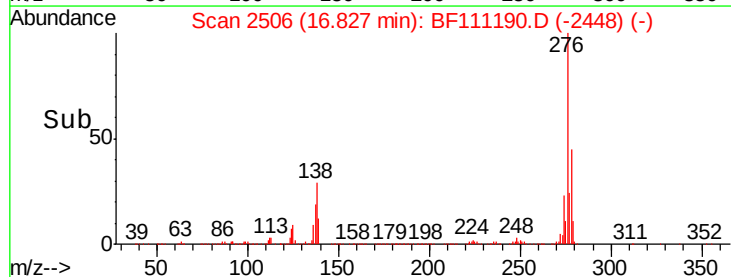
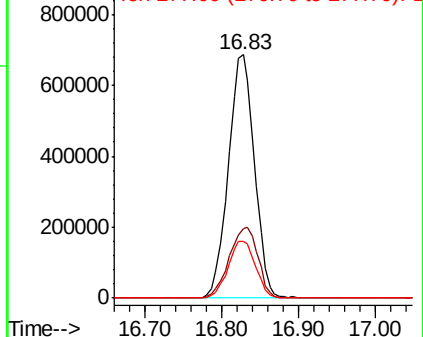


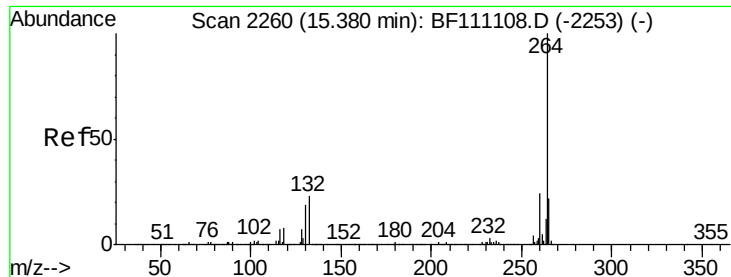
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.502 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.04 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:276 Resp: 1623397
Ion Ratio Lower Upper
276 100
138 32.1 20.2 30.4#
277 24.5 15.8 23.6#



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: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Instrument :

BNA_F

ClientSampleId :

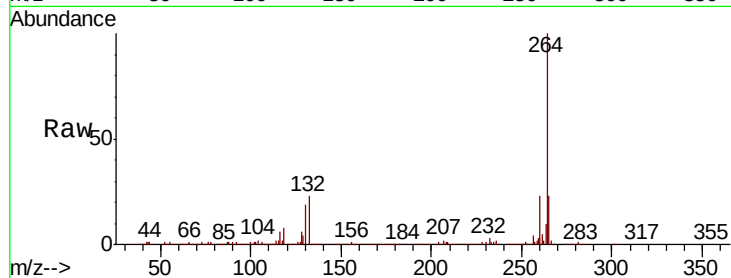
Tot Ion:264 Resp: 592003

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

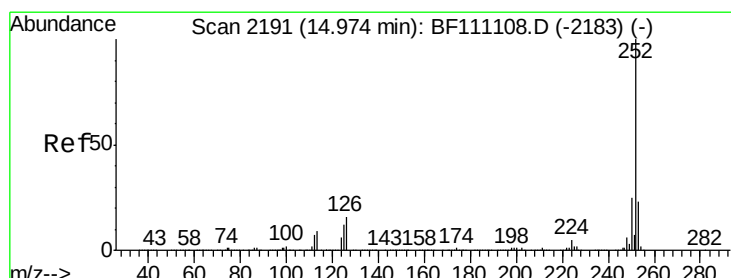
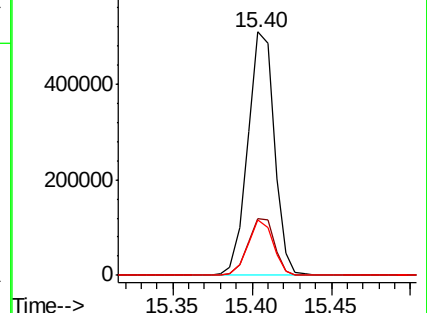
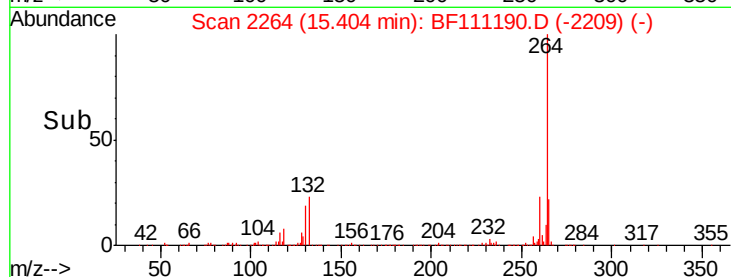
265 22.5 17.4 26.0



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: 52.293 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

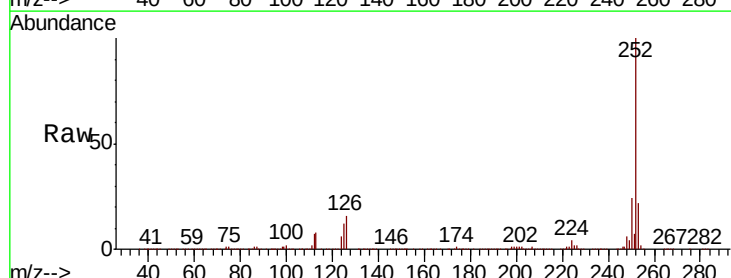
Tgt Ion:252 Resp: 1754196

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

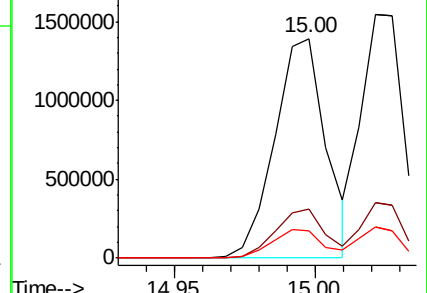
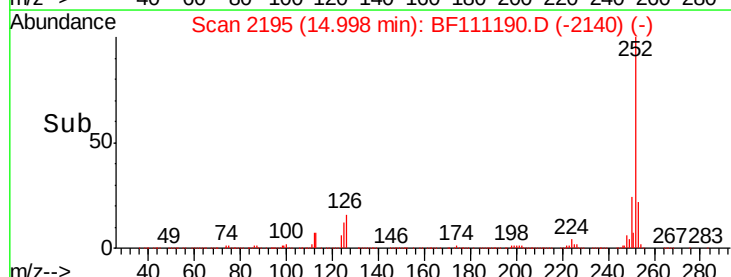
125 12.2 9.9 14.9

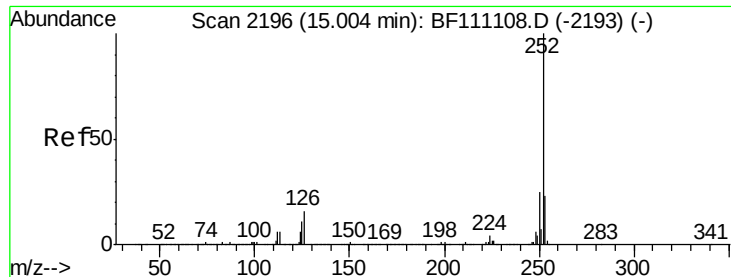


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

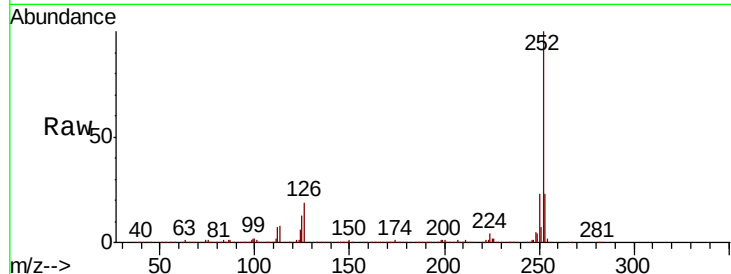




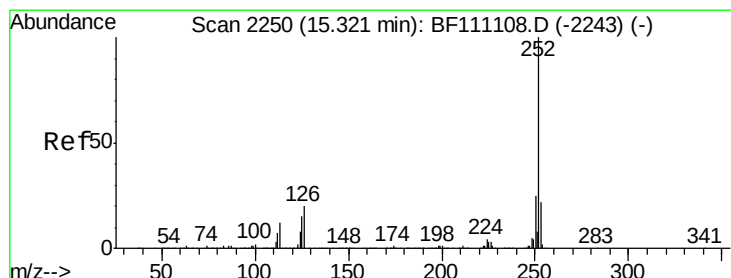
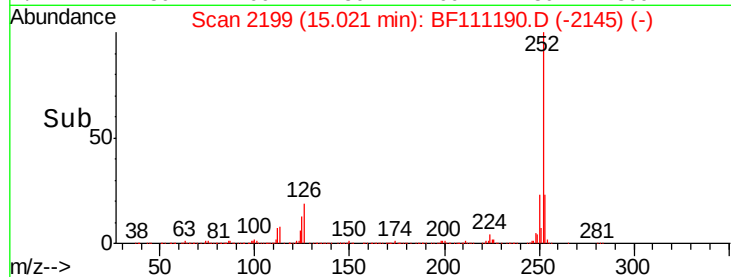
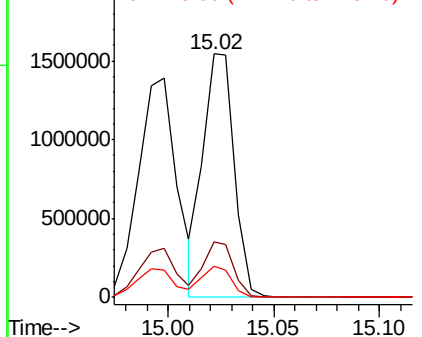
#89
Benzo(k)fluoranthene
Concen: 48.958 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1587678
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 13.0 9.9 14.9

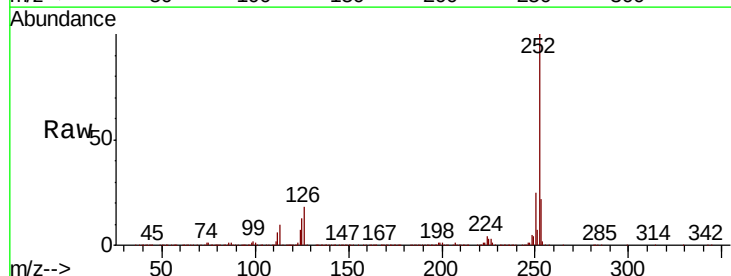


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

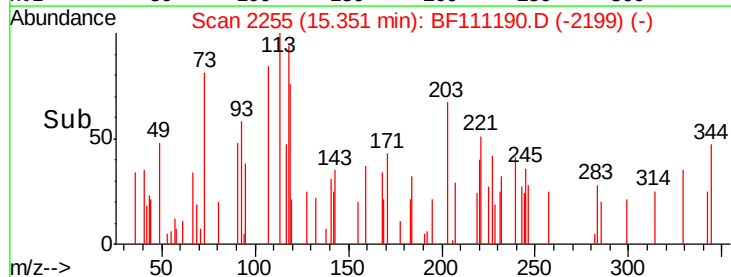
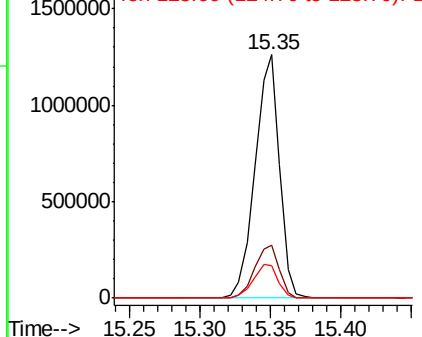


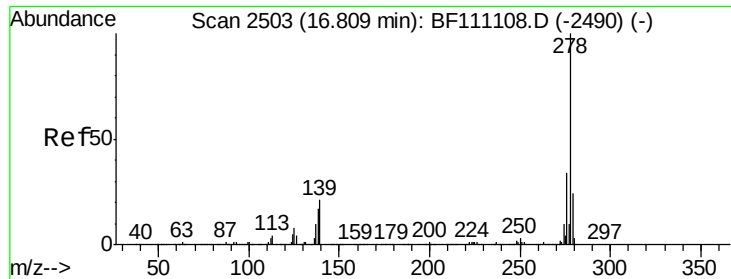
#90
Benzo(a)pyrene
Concen: 49.835 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.03 min
Lab File: BF111190.D
Acq: 7 Dec 2018 16:43

Tgt Ion:252 Resp: 1533394
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.3 12.4 18.6



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





#91

Dibenzo(a,h)anthracene

Concen: 51.912 ng

RT: 16.84 min Scan# 2509

Delta R.T. 0.04 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

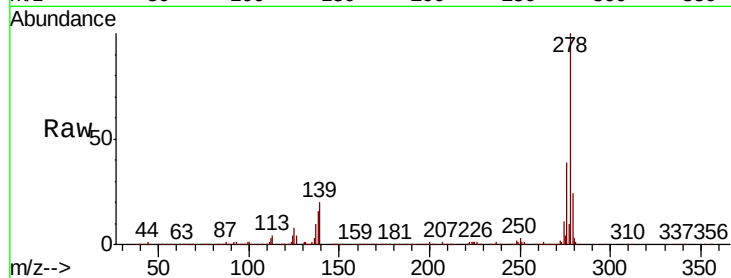
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1340430

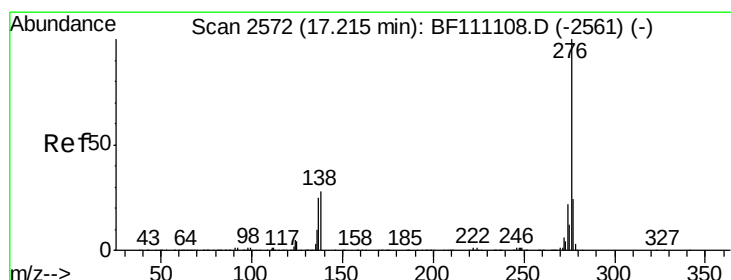
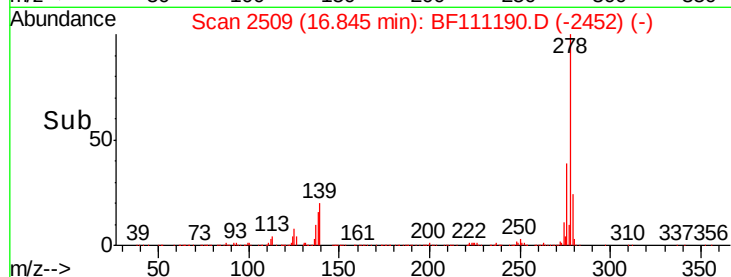
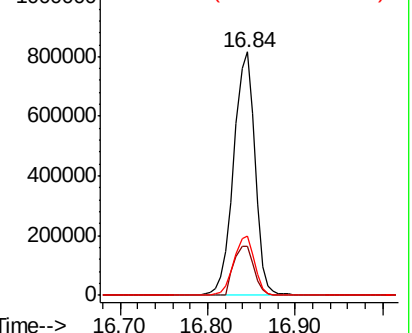
Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	25.0
279	24.2	18.8	28.2



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: 53.517 ng

RT: 17.26 min Scan# 2579

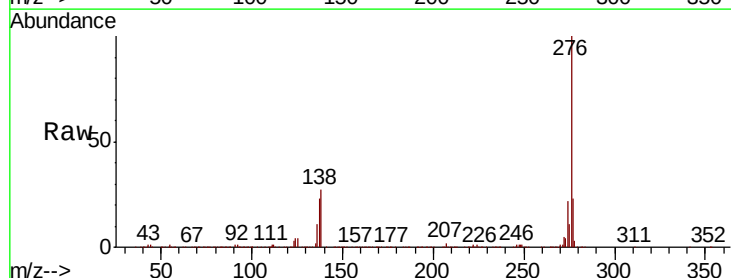
Delta R.T. 0.04 min

Lab File: BF111190.D

Acq: 7 Dec 2018 16:43

Tgt Ion:276 Resp: 1388651

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.3	28.9
138	26.6	22.3	33.5



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

