

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111183.D
 Acq On : 7 Dec 2018 13:32
 Operator : JU/SJ
 Sample : PB115160BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 14:17:36 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 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	392138	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1564183	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	719953	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1236530	20.00	ng	0.00
76) Chrysene-d12	13.96	240	775920	20.00	ng	0.01
87) Perylene-d12	15.40	264	586854	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2921739	116.27	ng	0.02
7) Phenol-d6	6.44	99	3708077	114.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	1935914	73.27	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	776628	135.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3246277	83.15	ng	0.00
79) Terphenyl-d14	12.91	244	2857197	75.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	484111	33.492	ng	98
3) Pyridine	3.38	79	1323945	41.298	ng	99
4) n-Nitrosodimethylamine	3.32	42	678609	42.993	ng	98
6) Aniline	6.47	93	1385028	32.024	ng	100
8) 2-Chlorophenol	6.60	128	1187994	41.015	ng	98
9) Benzaldehyde	6.35	77	490185	25.170	ng	100
10) Phenol	6.45	94	1442089	40.856	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	1125836	39.026	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1234881	40.087	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1263759	40.766	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1182272	40.998	ng	99
15) Benzyl Alcohol	6.95	79	1036545	40.413	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2225740	39.663	ng	99
17) 2-Methylphenol	7.06	107	982150	41.307	ng	99
18) Hexachloroethane	7.32	117	484711	41.680	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	835359	38.399	ng	98
20) 3+4-Methylphenols	7.21	107	1172892	40.445	ng	97
22) Acetophenone	7.22	105	1573343	41.623	ng	# 92
24) Nitrobenzene	7.39	77	1250377	43.991	ng	99
25) Isophorone	7.63	82	2267238	46.759	ng	100
26) 2-Nitrophenol	7.70	139	606715	50.518	ng	94
27) 2,4-Dimethylphenol	7.75	122	1092062	48.282	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1428671	43.525	ng	99
29) 2,4-Dichlorophenol	7.95	162	969214	43.526	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	973858	43.330	ng	99
31) Naphthalene	8.11	128	3320847	48.762	ng	97
32) Benzoic acid	7.86	122	704458	47.230	ng	96
33) 4-Chloroaniline	8.16	127	797933	24.239	ng	95
34) Hexachlorobutadiene	8.23	225	521588	42.703	ng	98
35) Caprolactam	8.52	113	196513	24.036	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	1036303	42.488	ng	98
37) 2-Methylnaphthalene	8.80	142	2240831	47.701	ng	99
38) 1-Methylnaphthalene	8.90	142	2139746	47.377	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	798252	41.601	ng	99

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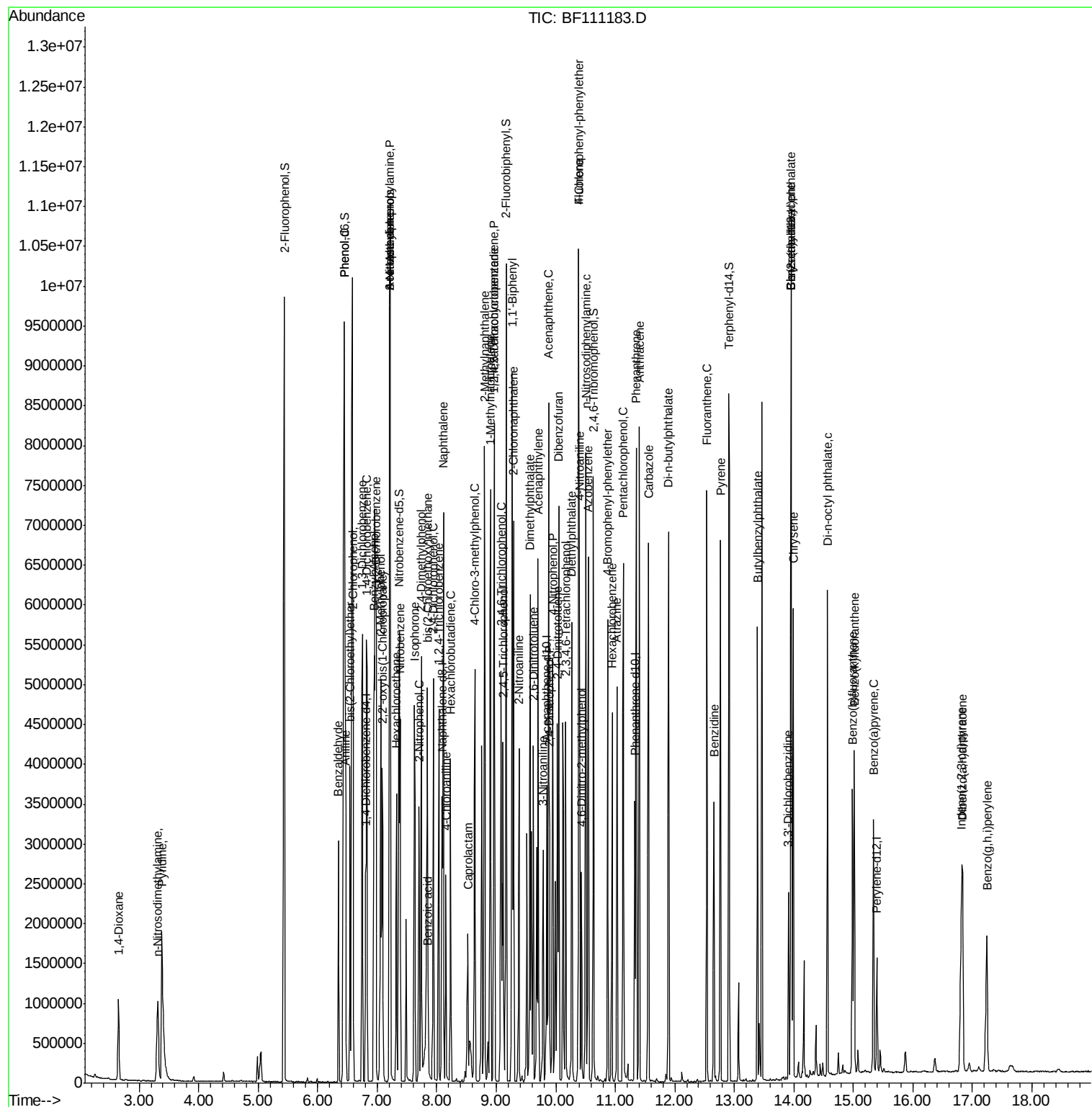
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1063296	105.092	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	647074	46.173	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	656165	46.188	ng	99
46) 1,1'-Biphenyl	9.27	154	2500604	42.428	ng	97
47) 2-Chloronaphthalene	9.29	162	1976648	43.160	ng	98
48) 2-Nitroaniline	9.38	65	676790	45.600	ng	99
49) Acenaphthylene	9.71	152	3122611	48.778	ng	97
50) Dimethylphthalate	9.57	163	2248593	44.877	ng	100
51) 2,6-Dinitrotoluene	9.62	165	515231	48.501	ng	89
52) Acenaphthene	9.88	154	2023013	47.835	ng	100
53) 3-Nitroaniline	9.79	138	422017	31.626	ng	98
54) 2,4-Dinitrophenol	9.90	184	382054	110.739	ng	# 69
55) Dibenzofuran	10.05	168	2694740	46.261	ng	97
56) 4-Nitrophenol	9.95	139	893739	88.880	ng	96
57) 2,4-Dinitrotoluene	10.03	165	686476	50.035	ng	98
58) Fluorene	10.39	166	2008244	48.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	530184	50.003	ng	94
60) Diethylphthalate	10.27	149	2203453	44.004	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	901010	44.508	ng	96
62) 4-Nitroaniline	10.40	138	562294	46.689	ng	99
63) Azobenzene	10.55	77	2281824	42.802	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	266557	52.179	ng	100
66) n-Nitrosodiphenylamine	10.50	169	1835753	42.398	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	564114	43.097	ng	95
68) Hexachlorobenzene	10.95	284	587583	43.901	ng	98
69) Atrazine	11.03	200	575823	49.960	ng	98
70) Pentachlorophenol	11.13	266	675053	76.696	ng	97
71) Phenanthrene	11.35	178	2822177	47.448	ng	98
72) Anthracene	11.40	178	2909442	48.527	ng	98
73) Carbazole	11.56	167	2691913	43.150	ng	98
74) Di-n-butylphthalate	11.89	149	3220761	44.104	ng	99
75) Fluoranthene	12.54	202	2777031	47.714	ng	98
77) Benzidine	12.66	184	1314826	50.815	ng	98
78) Pyrene	12.77	202	2793116	46.205	ng	98
80) Butylbenzylphthalate	13.39	149	1350883	46.259	ng	91
81) Benzo(a)anthracene	13.95	228	2041979	44.917	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	465047	27.106	ng	# 96
83) Chrysene	13.99	228	2024349	44.855	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1554197	44.062	ng	# 98
85) Di-n-octyl phthalate	14.56	149	2510131	45.268	ng	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1567205	43.250	ng	# 87
88) Benzo(b)fluoranthene	14.99	252	1642011	49.378	ng	99
89) Benzo(k)fluoranthene	15.02	252	1569103	48.810	ng	98
90) Benzo(a)pyrene	15.34	252	1472748	48.284	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	1306684	51.050	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1344381	52.266	ng	99

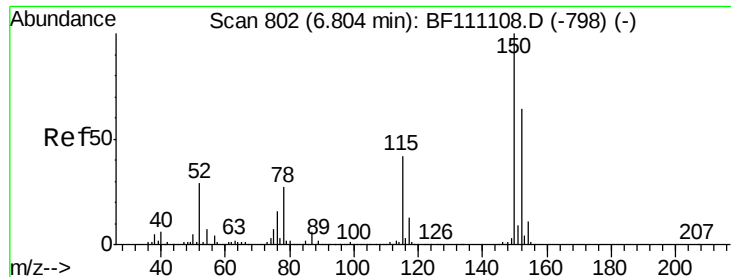
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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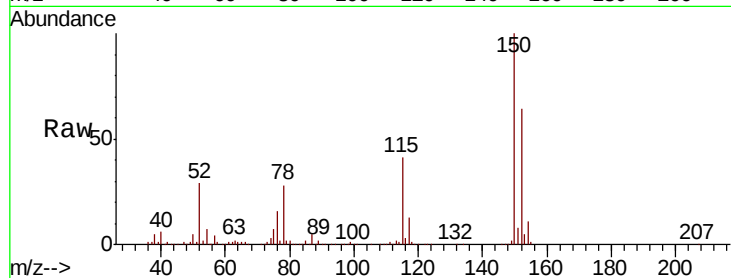


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	187.0
115	64.4	52.2	78.2

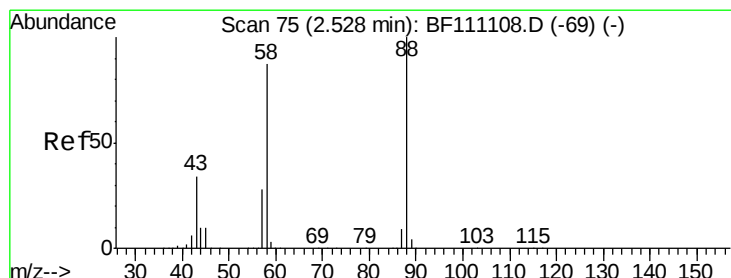
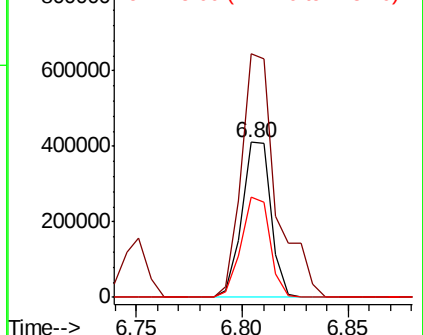
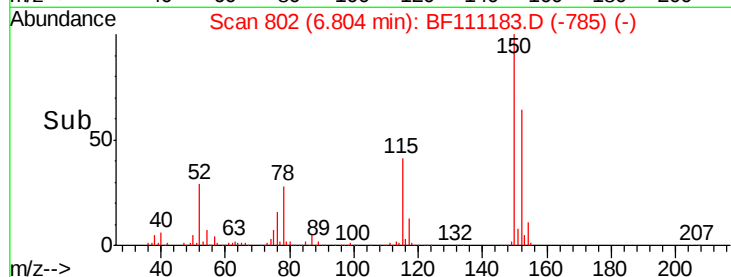


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

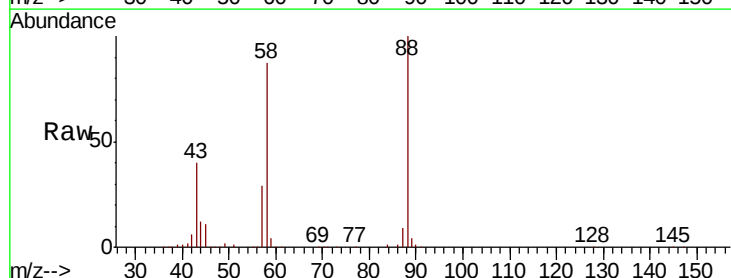
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.492 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.12 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	70.8	106.2
43	36.5	28.3	42.5

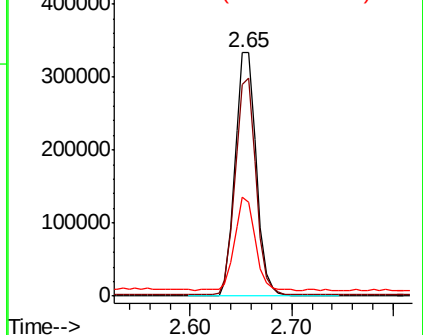
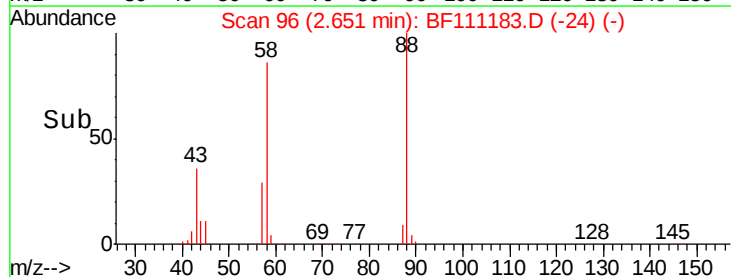


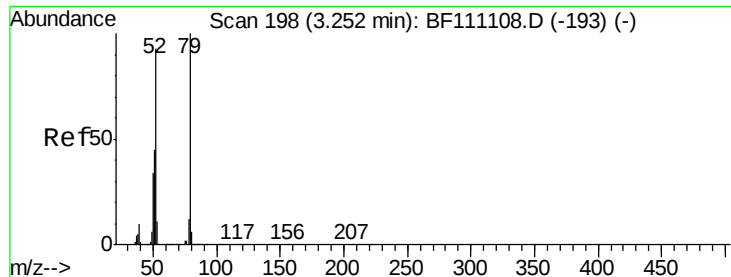
Abundance

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



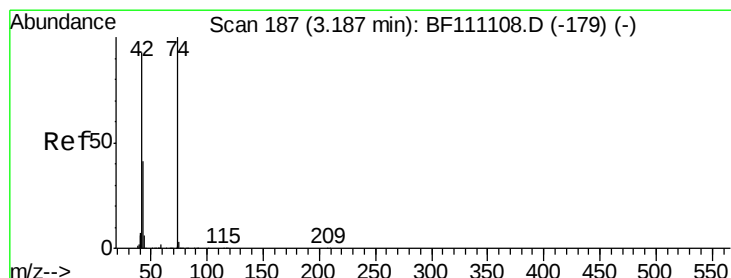
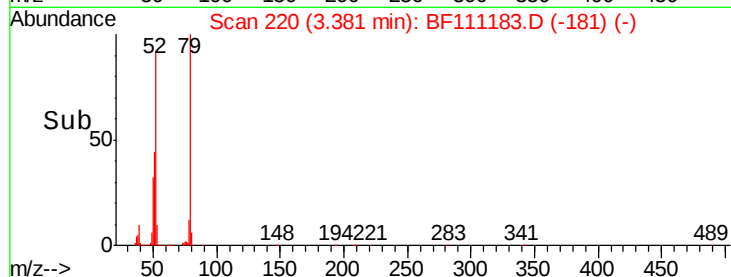
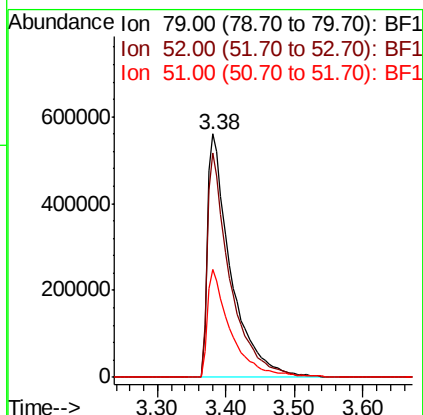
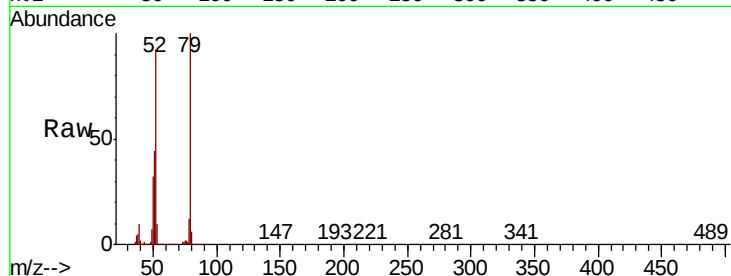


#3
 Pvridine
 Concen: 41.298 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 1323945

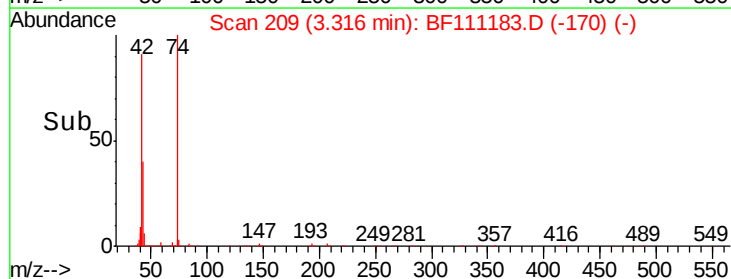
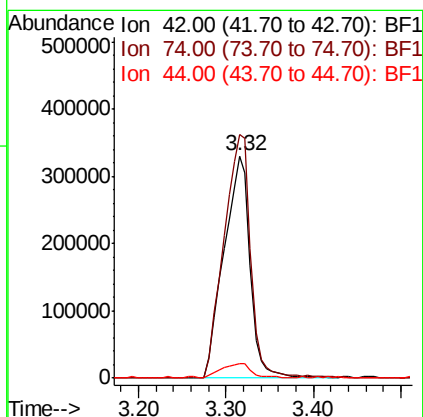
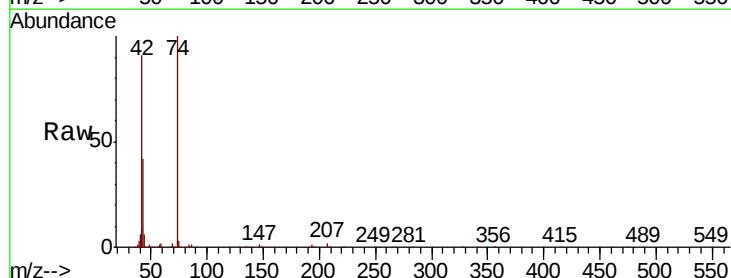
Ion	Ratio	Lower	Upper
79	100		
52	92.1	74.7	112.1
51	44.2	35.9	53.9

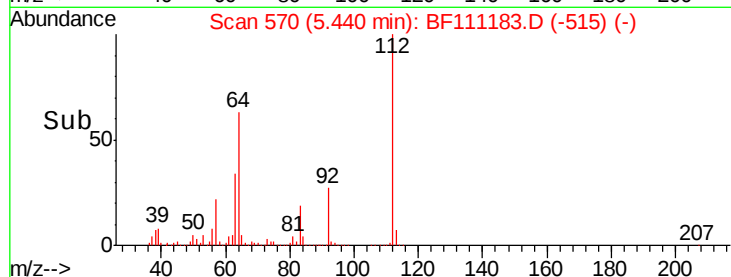
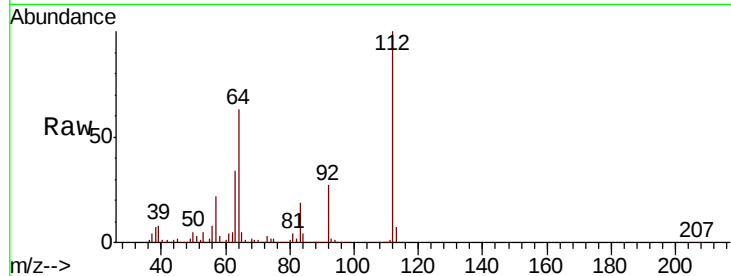
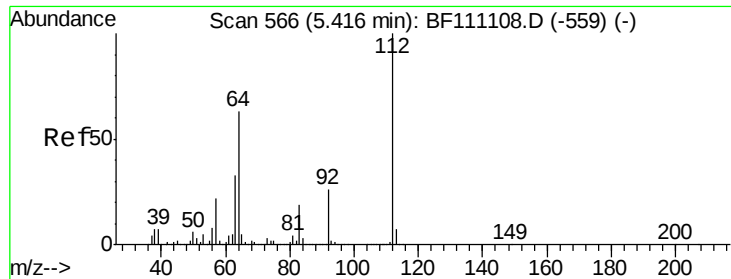


#4
 n-Nitrosodimethylamine
 Concen: 42.993 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.13 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion: 42 Resp: 678609

Ion	Ratio	Lower	Upper
42	100		
74	109.5	86.2	129.2
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 116.266 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

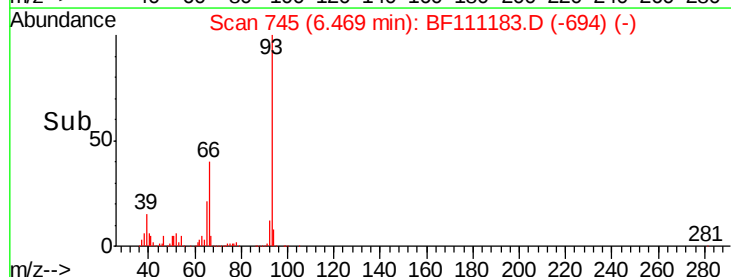
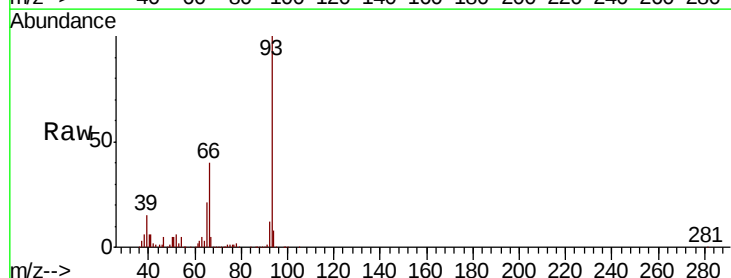
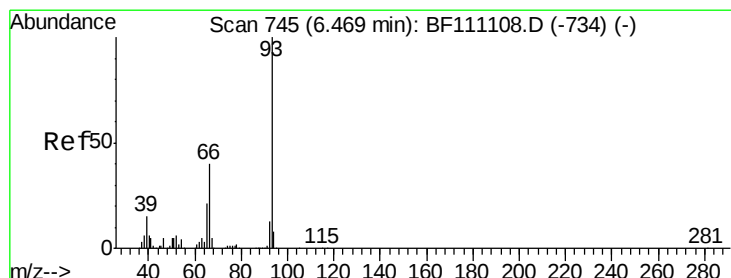
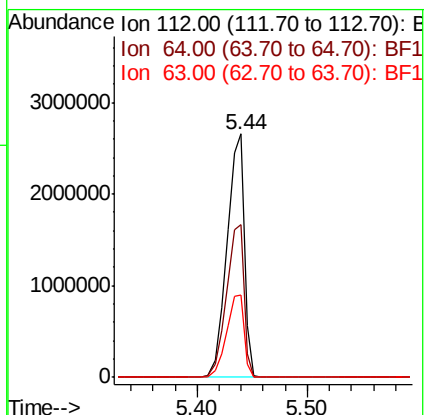
Tot Ion:112 Resp: 2921739

Ion Ratio Lower Upper

112 100

64 62.9 50.2 75.4

63 33.8 26.6 39.8



#6

Aniline

Concen: 32.024 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

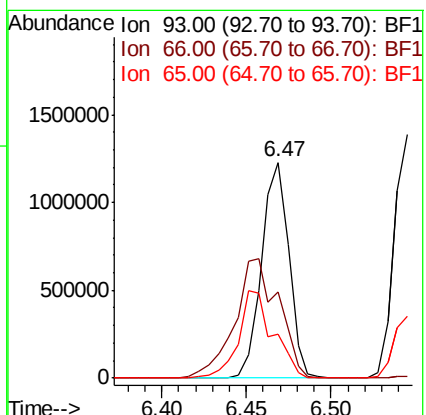
Tgt Ion: 93 Resp: 1385028

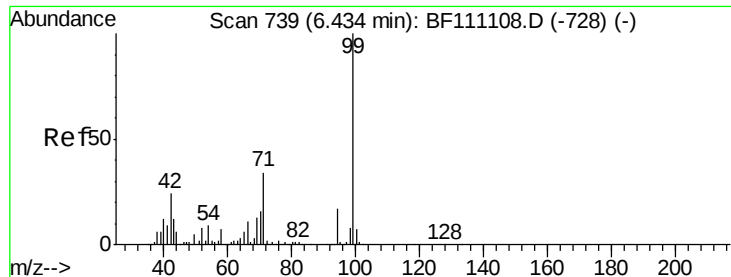
Ion Ratio Lower Upper

93 100

66 40.1 31.8 47.8

65 20.6 16.6 24.8





#7

Phenol-d6

Concen: 114.548 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

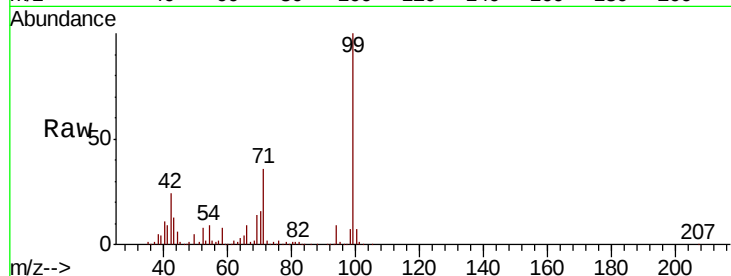
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3708077

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.3	28.9
71	35.6	27.4	41.2

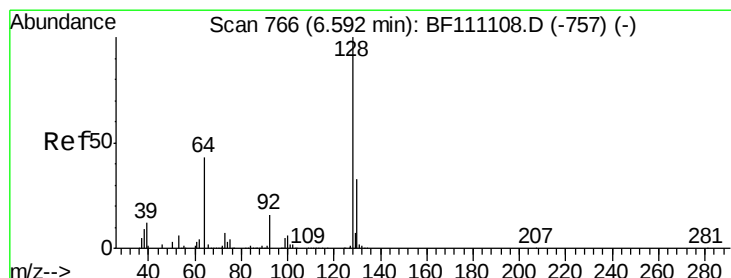
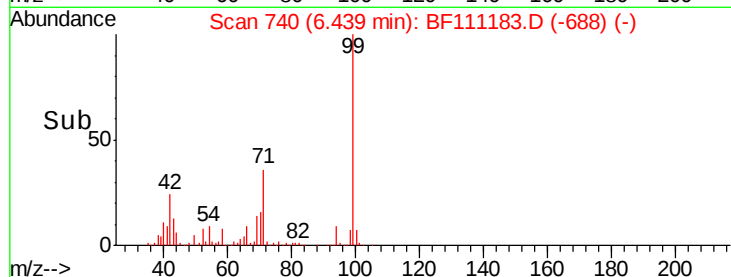
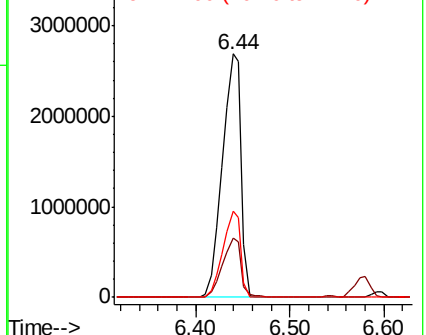


Abundance

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: 41.015 ng

RT: 6.60 min Scan# 767

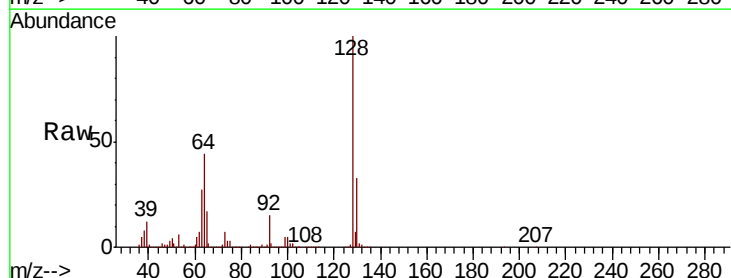
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:128 Resp: 1187994

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	44.2	26.6	66.6

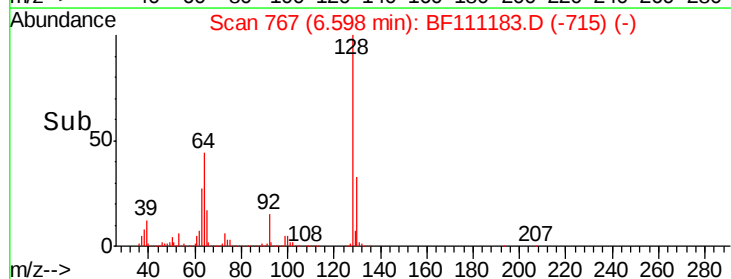
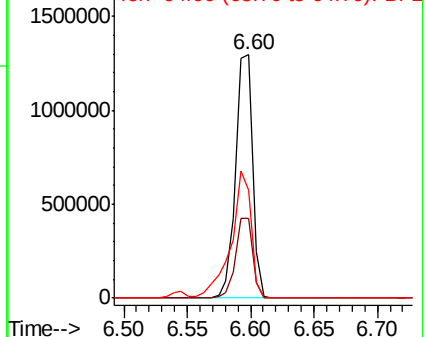


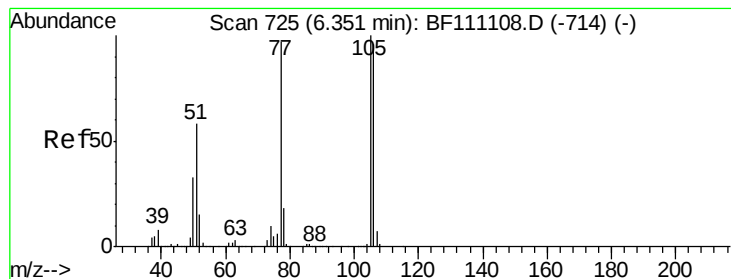
Abundance

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: 25.170 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

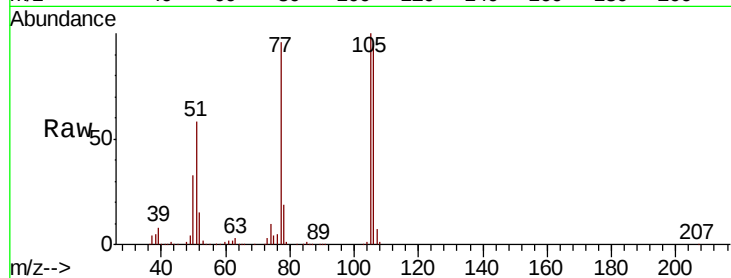
Tot Ion: 77 Resp: 490185

Ion Ratio Lower Upper

77 100

105 103.6 83.1 123.1

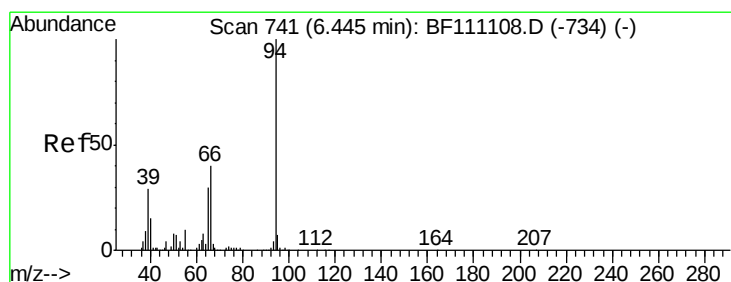
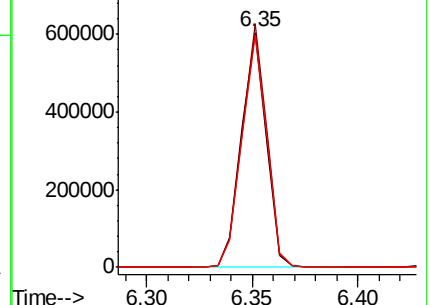
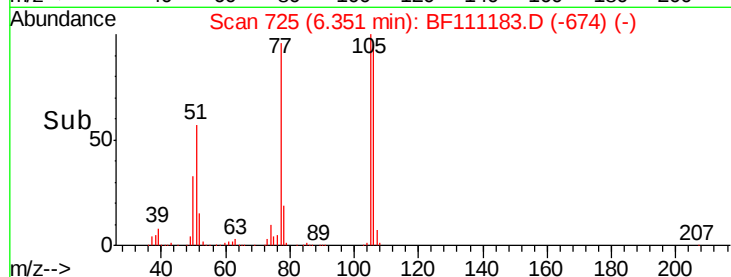
106 98.6 79.0 119.0



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: 40.856 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

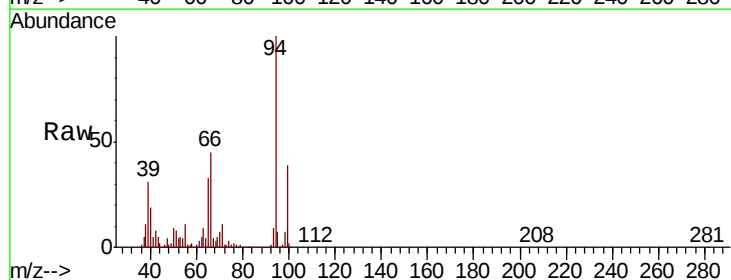
Tgt Ion: 94 Resp: 1442089

Ion Ratio Lower Upper

94 100

65 33.3 10.5 50.5

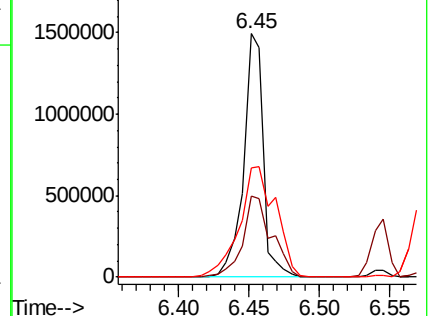
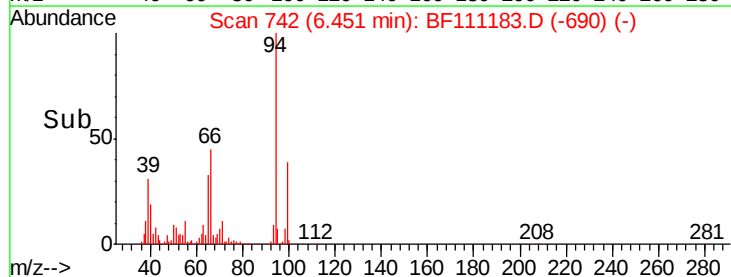
66 44.7 19.8 59.8

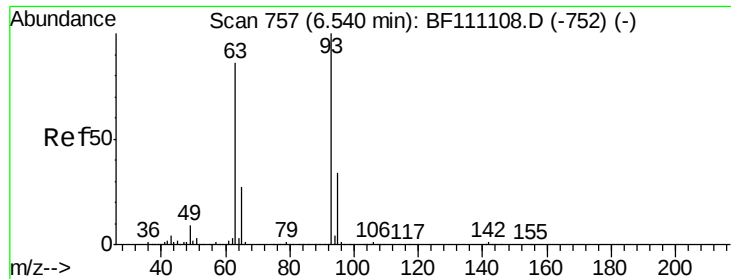


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.026 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

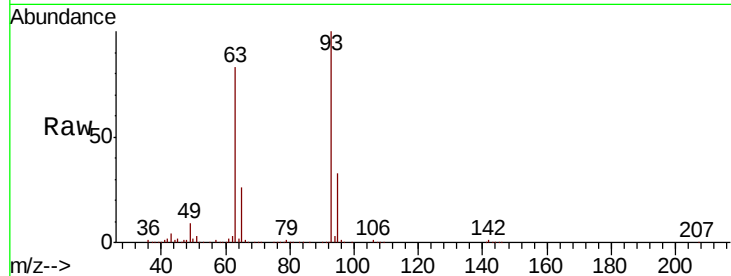
Tot Ion: 93 Resp: 1125836

Ion Ratio Lower Upper

93 100

63 82.5 66.0 106.0

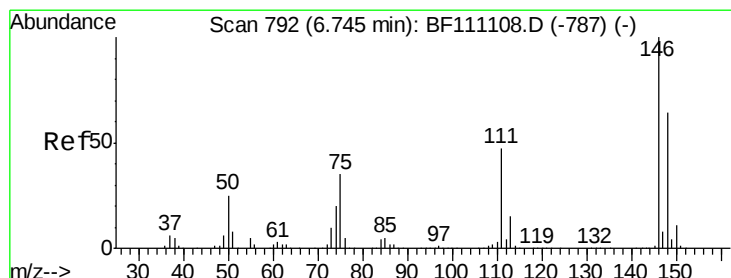
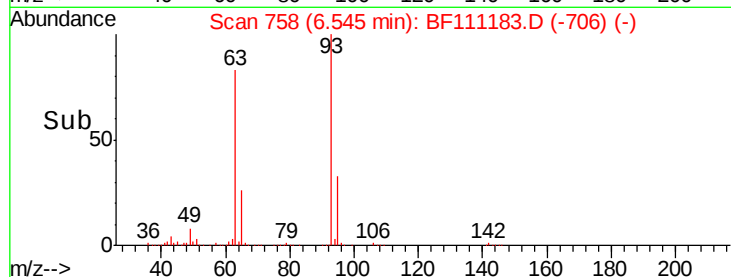
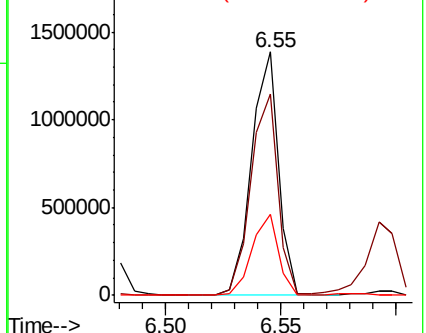
95 33.2 14.3 54.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.087 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

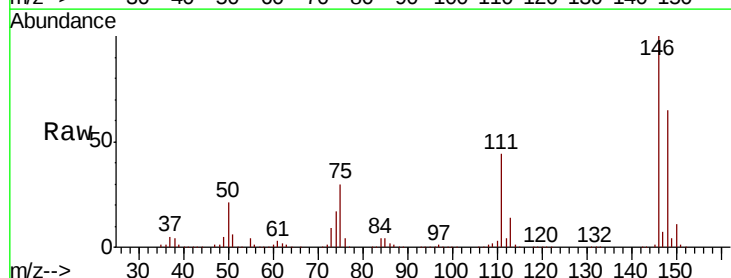
Tgt Ion:146 Resp: 1234881

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

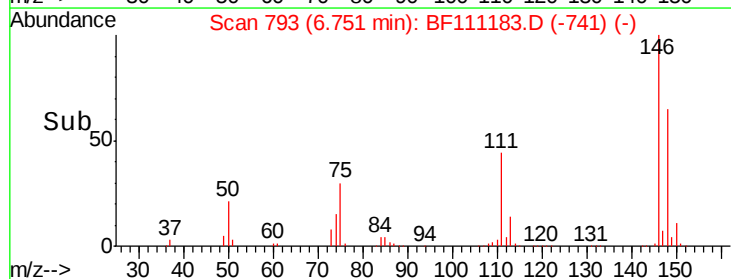
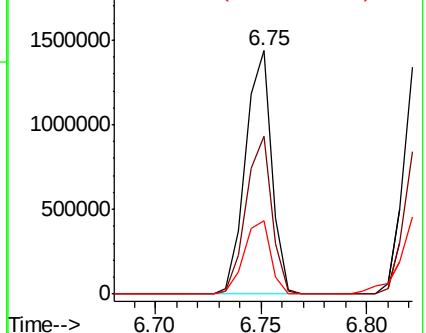
75 30.2 27.7 41.5

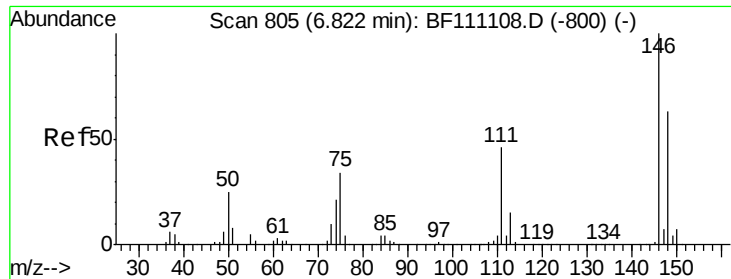


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

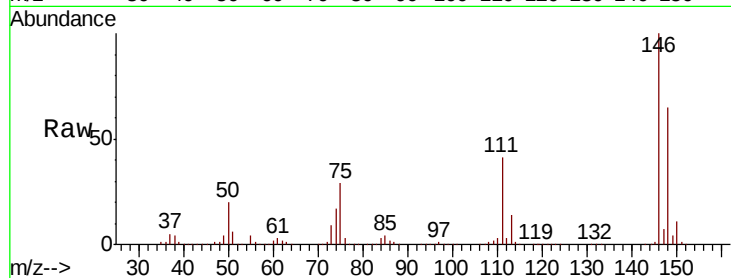




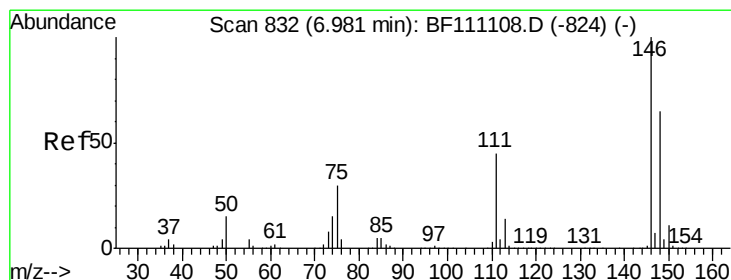
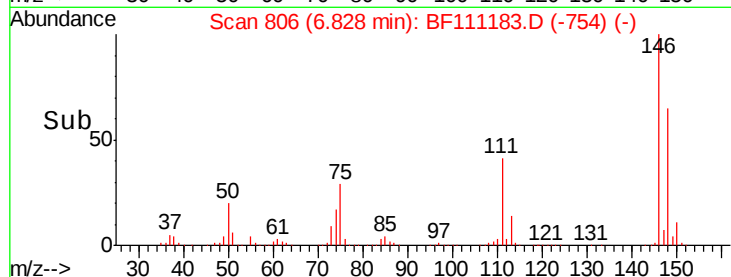
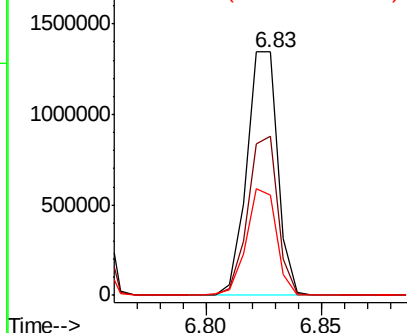
#13
 1,4-Dichlorobenzene
 Concen: 40.766 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1263759
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.3 75.5
 111 41.3 36.6 55.0

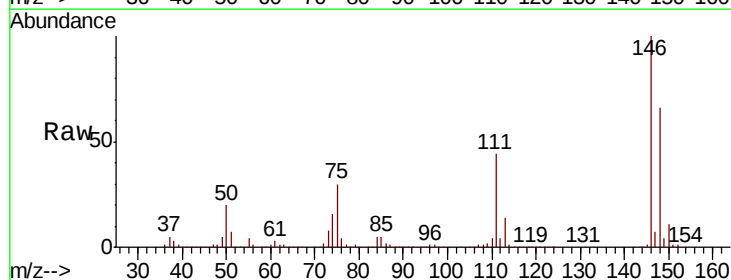


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

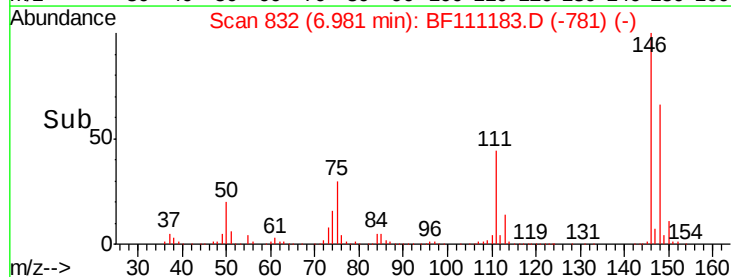
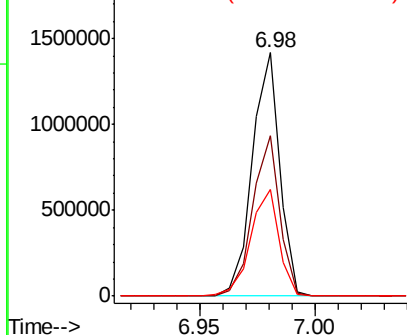


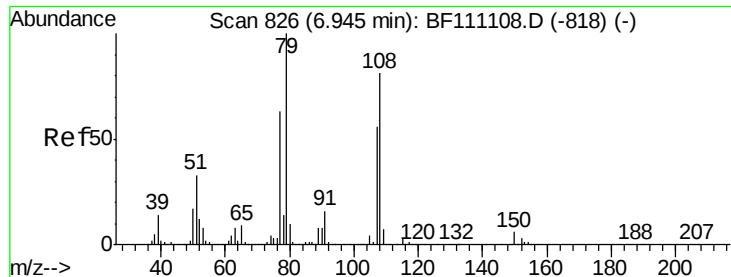
#14
 1,2-Dichlorobenzene
 Concen: 40.998 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion:146 Resp: 1182272
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 44.0 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 40.413 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

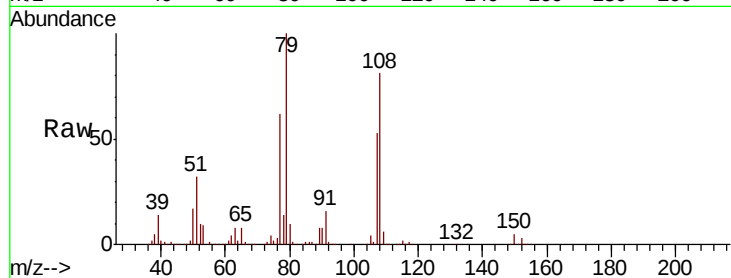
Tot Ion: 79 Resp: 1036545

Ion	Ratio	Lower	Upper
79	100		
108	80.7	64.5	96.7
77	62.4	50.5	75.7

79 100

108 80.7 64.5 96.7

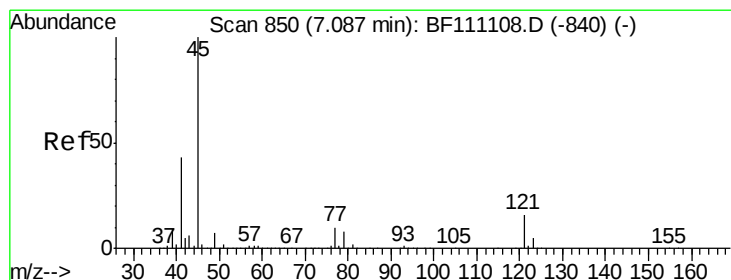
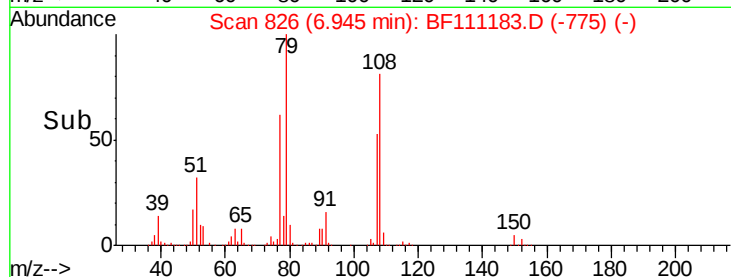
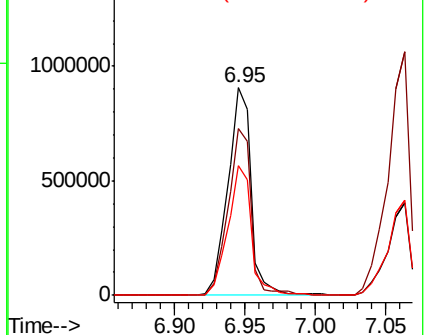
77 62.4 50.5 75.7



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: 39.663 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

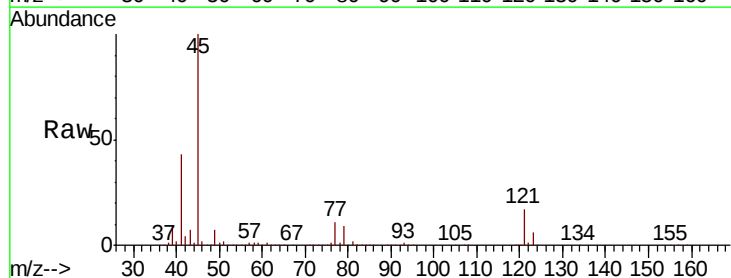
Tgt Ion: 45 Resp: 2225740

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.6
79	8.6	0.0	28.4

45 100

77 11.1 0.0 30.6

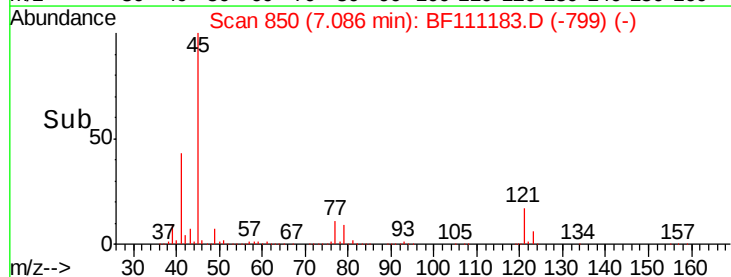
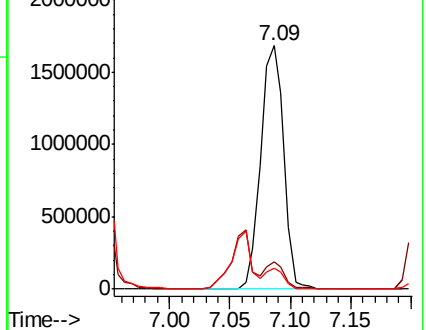
79 8.6 0.0 28.4

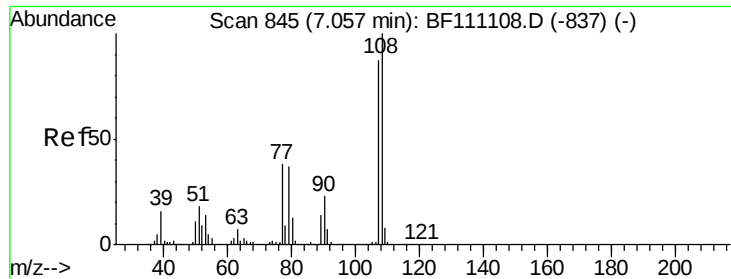


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.307 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 982150

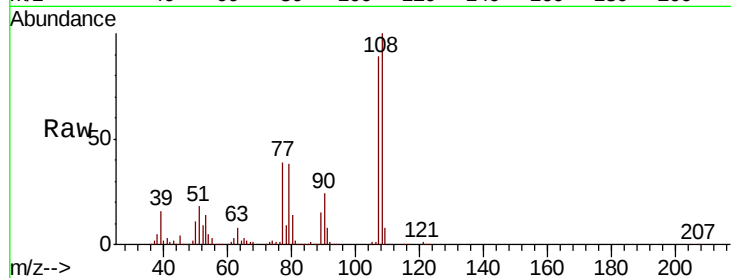
Ion Ratio Lower Upper

107 100

108 113.0 91.8 137.8

77 43.9 34.7 52.1

79 43.0 34.2 51.2

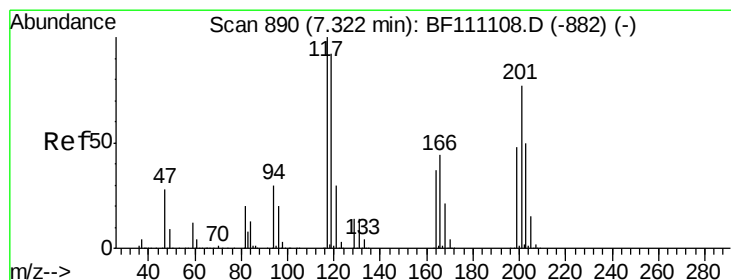
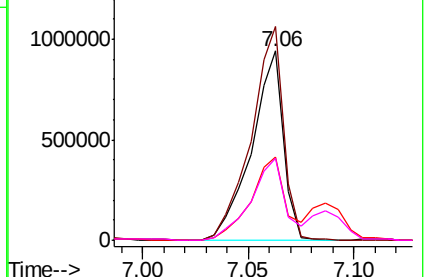
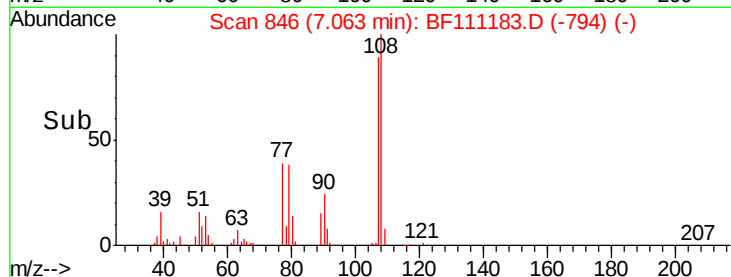


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.680 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

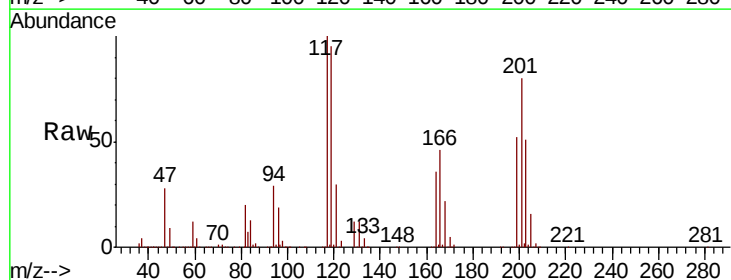
Tgt Ion:117 Resp: 484711

Ion Ratio Lower Upper

117 100

119 95.0 73.8 110.6

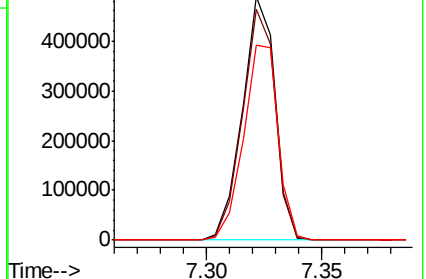
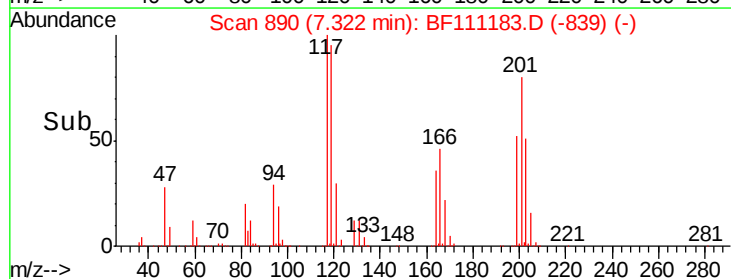
201 80.3 61.2 91.8

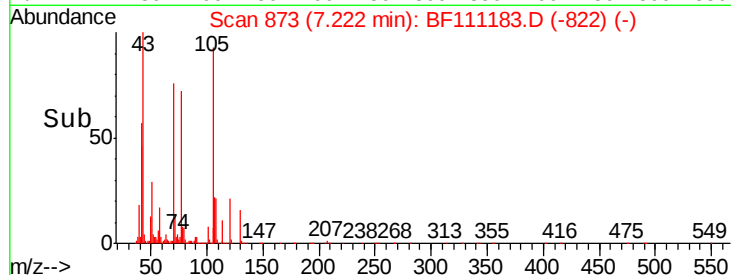
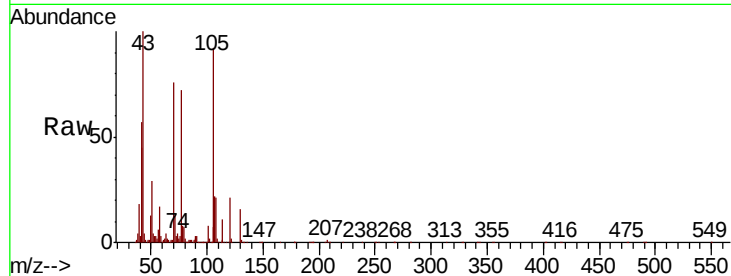
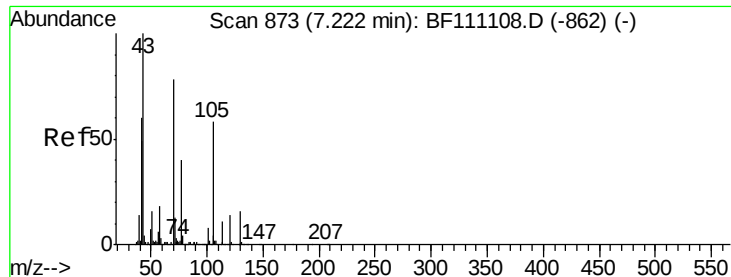


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

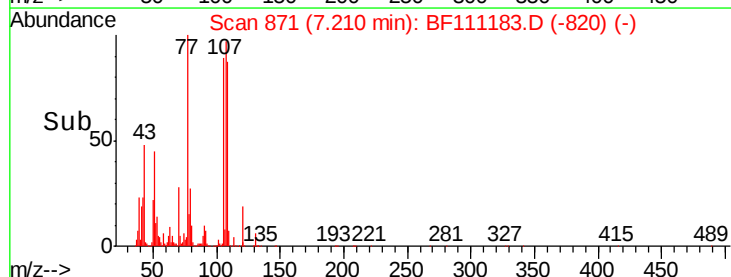
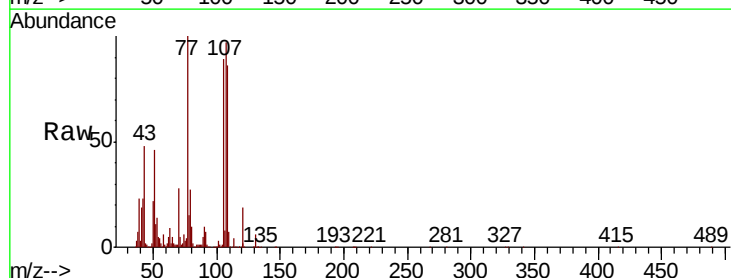
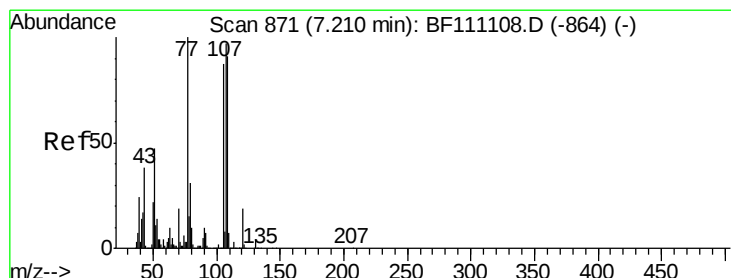
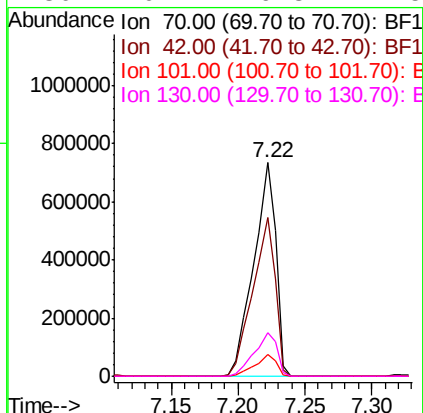




#19
n-Nitroso-di-n-propylamine
Concen: 38.399 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

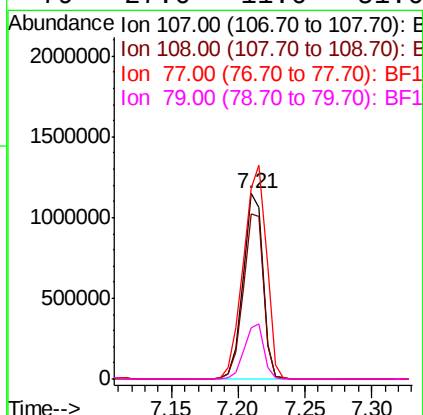
Instrument :
BNA_F
ClientSampleId :

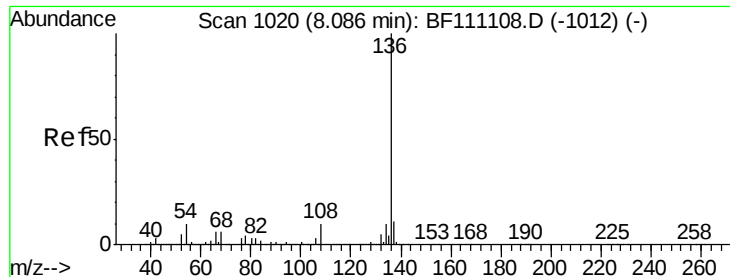
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.6	61.3	91.9
101	10.0	7.7	11.5
130	20.7	16.3	24.5



#20
3+4-Methylphenols
Concen: 40.445 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	74.0	114.0
77	102.9	83.2	123.2
79	27.6	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1564183

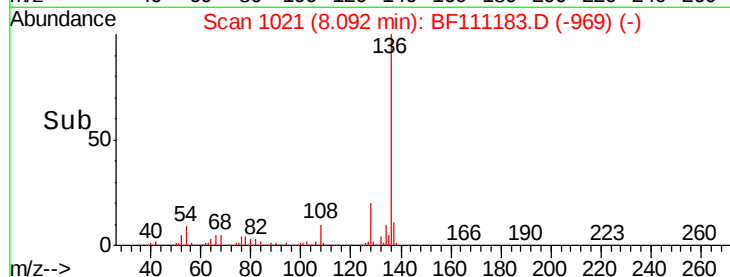
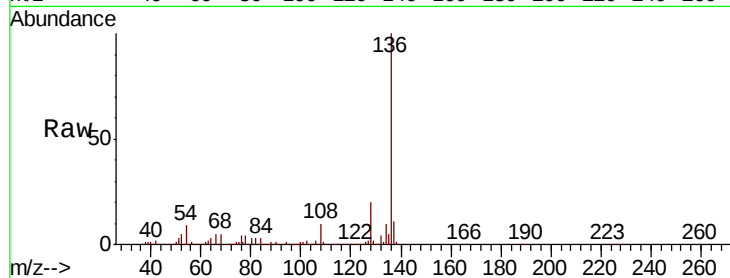
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.0 8.4 12.6

68 5.5 5.0 7.4

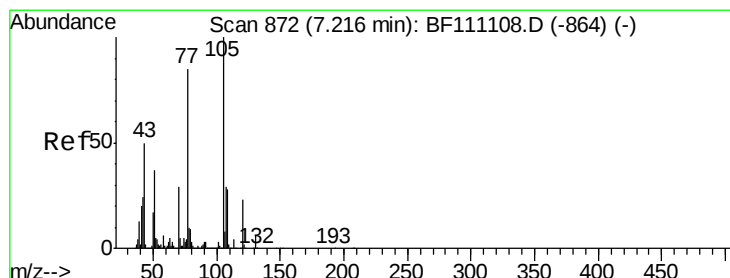
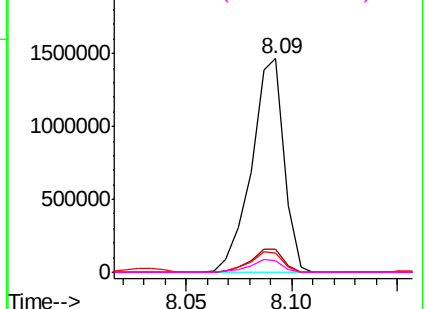


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.623 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:105 Resp: 1573343

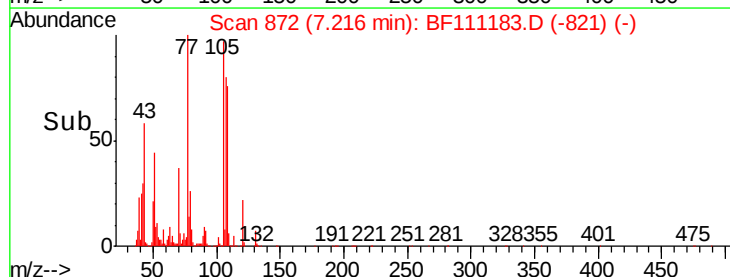
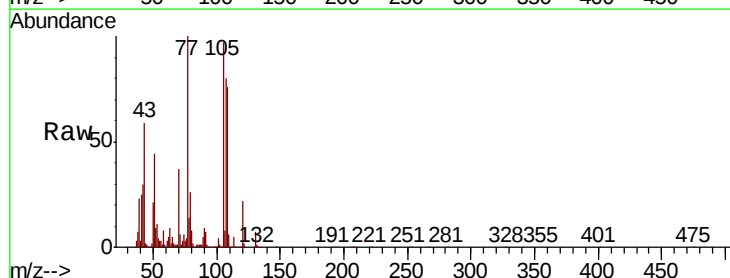
Ion Ratio Lower Upper

105 100

71 6.4 4.0 6.0#

51 44.9 29.8 44.8#

120 22.3 18.7 28.1

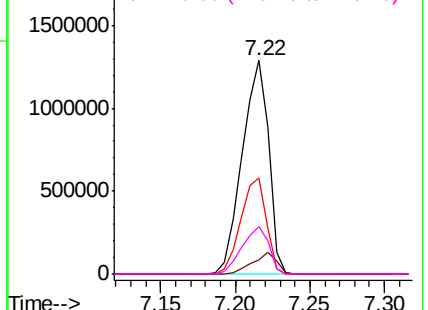


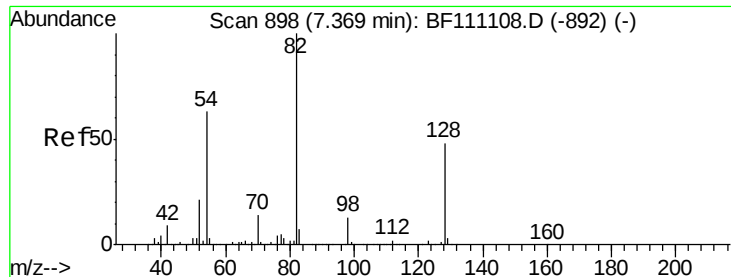
Abundance Ion 105.00 (104.70 to 105.70): E

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

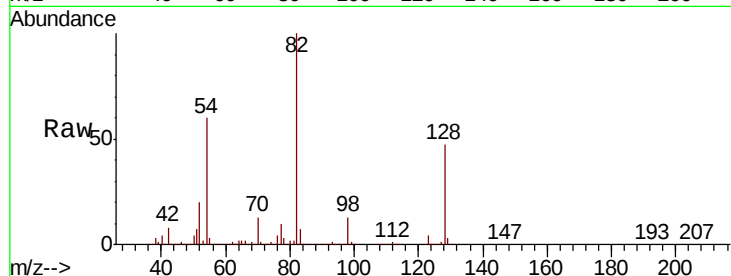




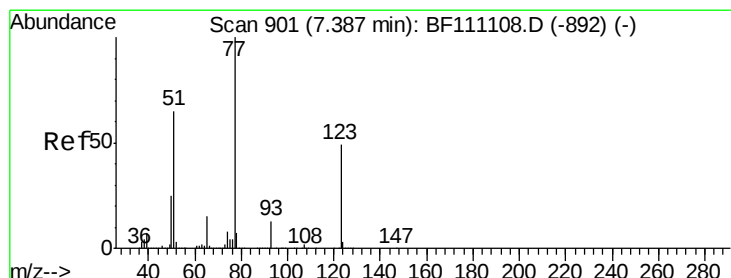
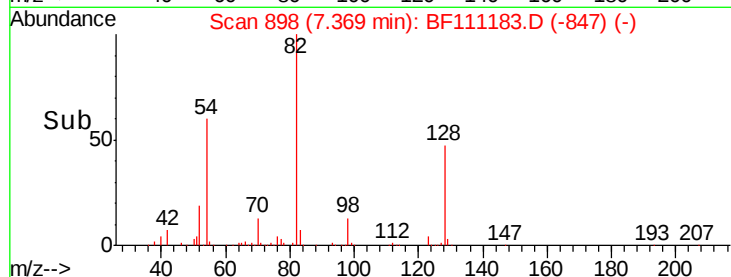
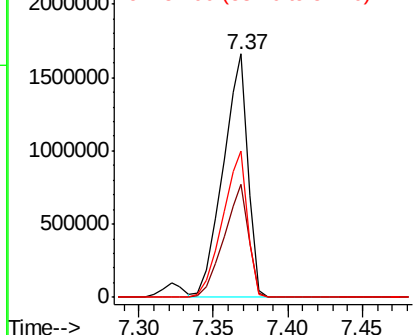
#23
 Nitrobenzene-d5
 Concen: 73.273 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1935914
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.1 57.1
 54 60.4 50.3 75.5

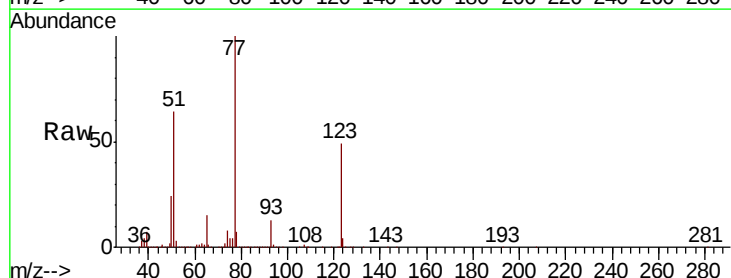


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

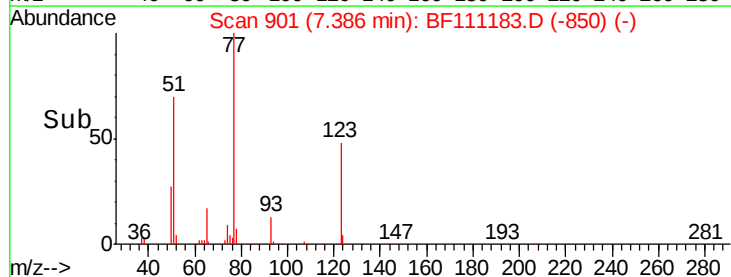
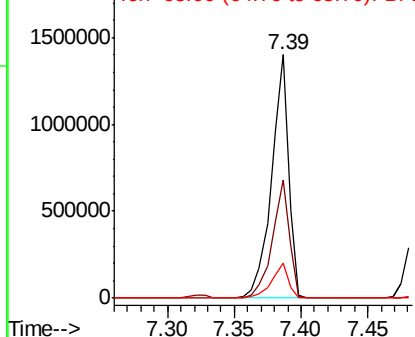


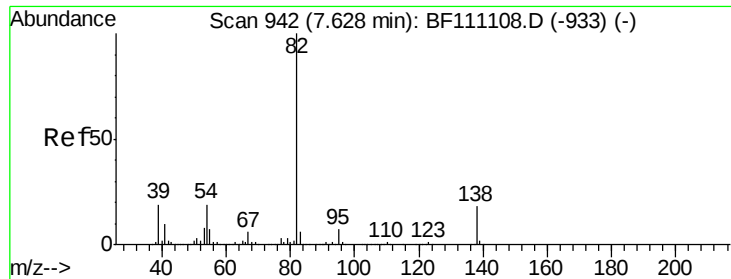
#24
 Nitrobenzene
 Concen: 43.991 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion: 77 Resp: 1250377
 Ion Ratio Lower Upper
 77 100
 123 48.6 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: 46.759 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

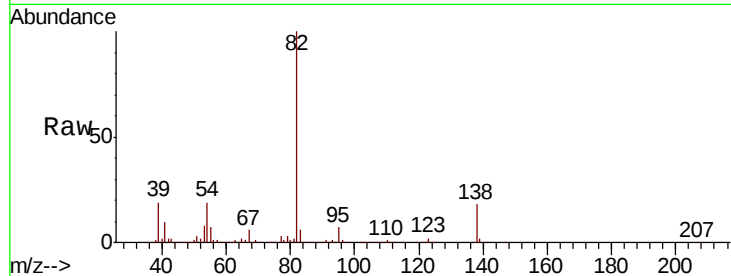
Tot Ion: 82 Resp: 2267238

Ion Ratio Lower Upper

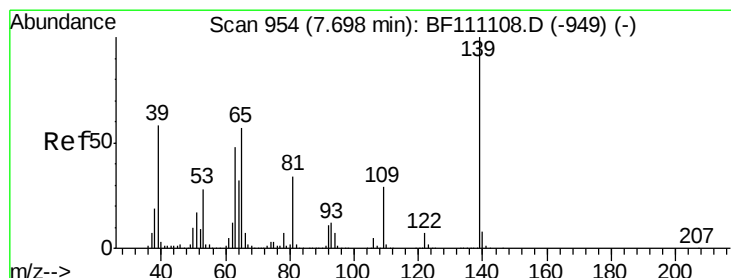
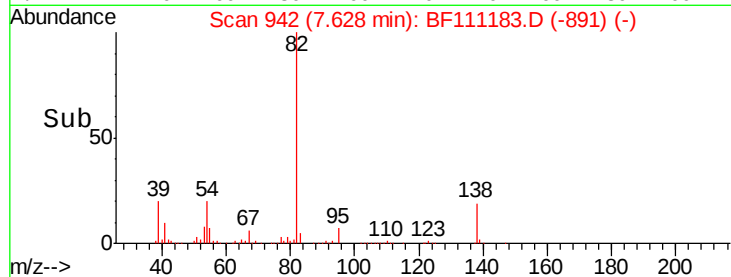
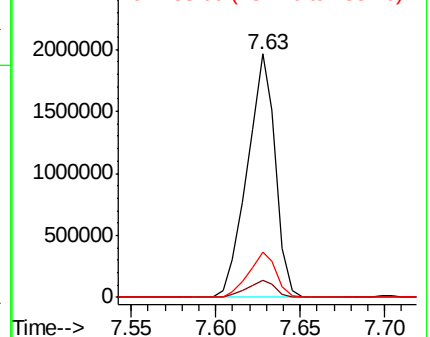
82 100

95 7.2 5.6 8.4

138 18.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.518 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

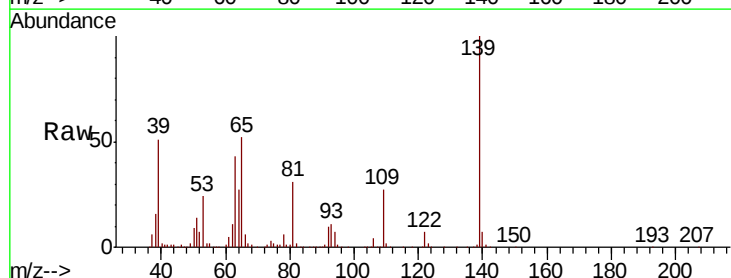
Tgt Ion: 139 Resp: 606715

Ion Ratio Lower Upper

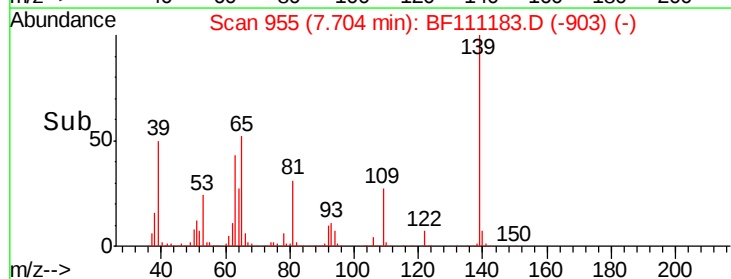
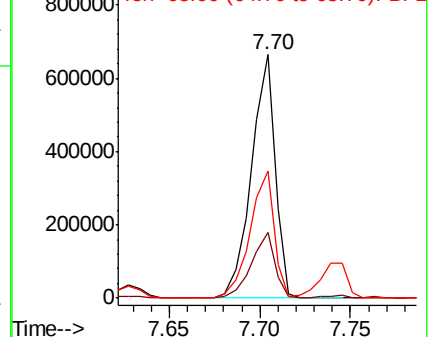
139 100

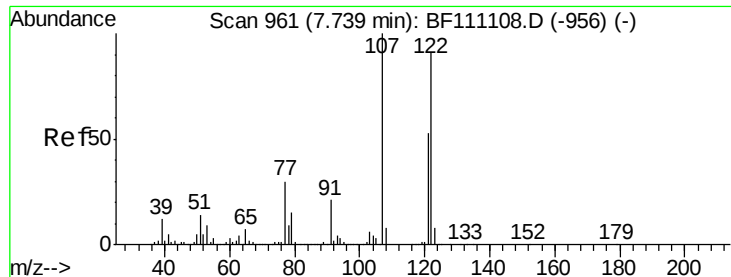
109 26.9 23.1 34.7

65 52.2 45.9 68.9



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





#27

2,4-Dimethylphenol

Concen: 48.282 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

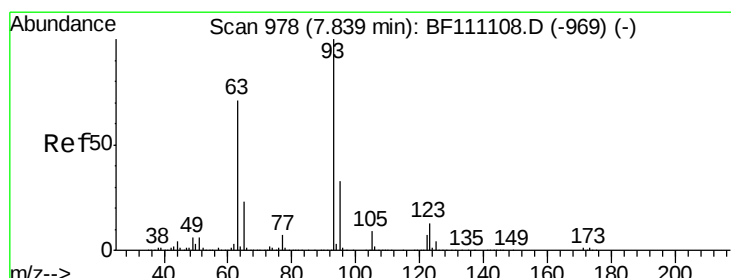
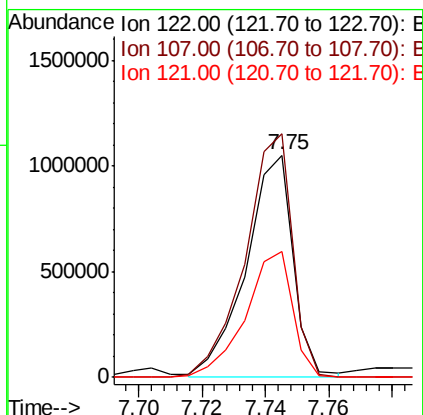
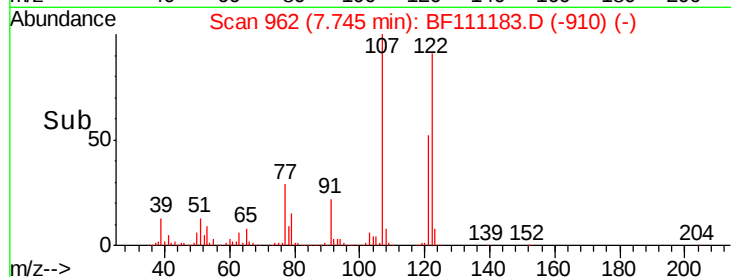
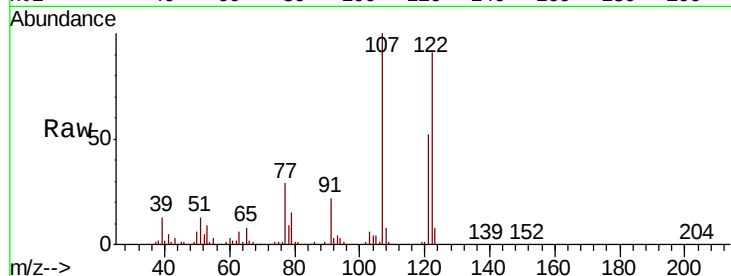
Tot Ion:122 Resp: 1092062

Ion Ratio Lower Upper

122 100

107 109.5 87.4 131.0

121 56.8 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.525 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

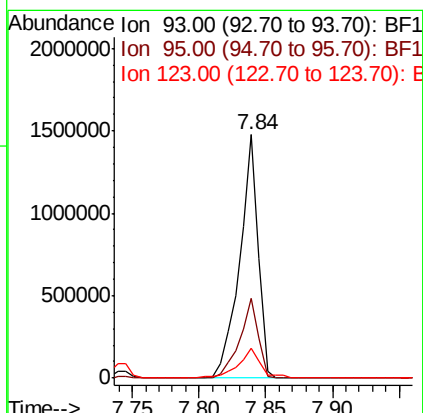
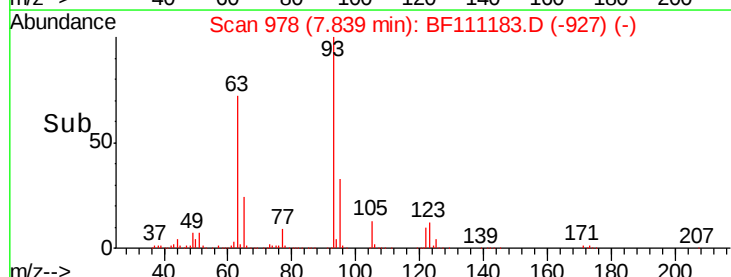
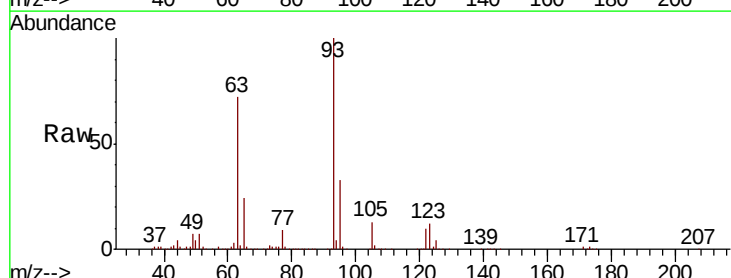
Tgt Ion: 93 Resp: 1428671

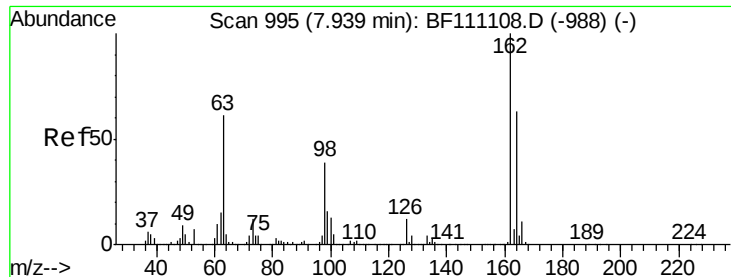
Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.526 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

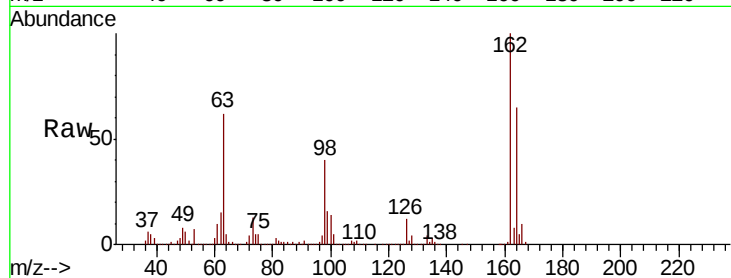
Tot Ion:162 Resp: 969214

Ion Ratio Lower Upper

162 100

164 64.6 43.3 83.3

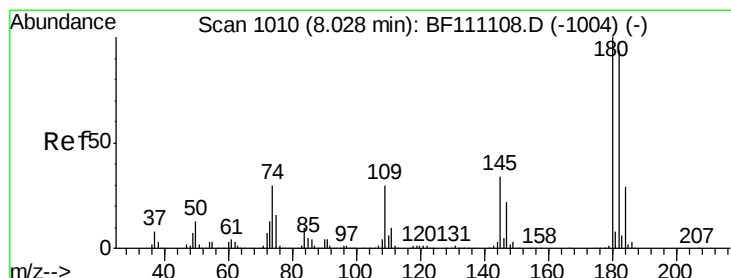
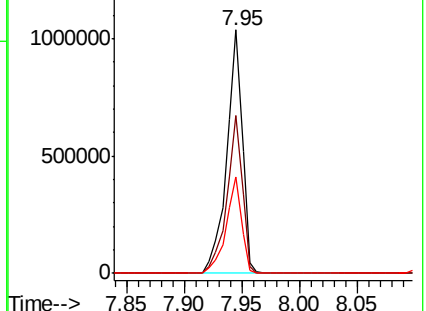
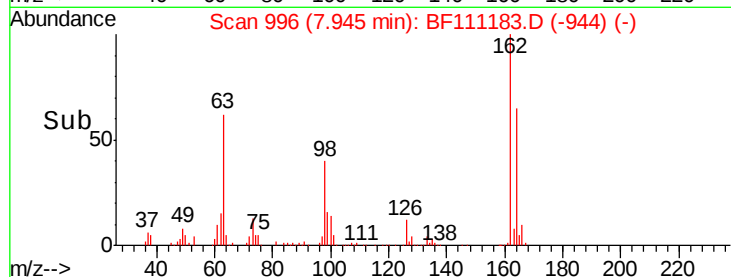
98 39.6 18.9 58.9



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: 43.330 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

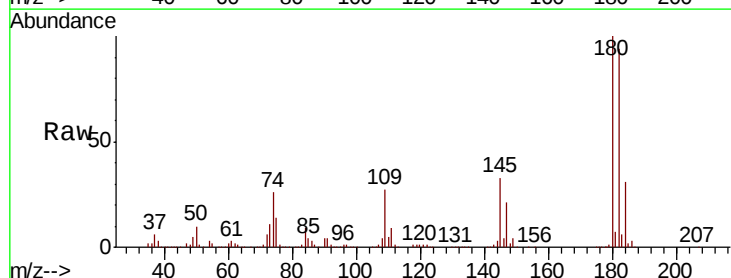
Tgt Ion:180 Resp: 973858

Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

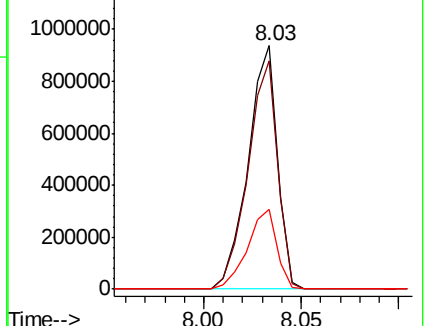
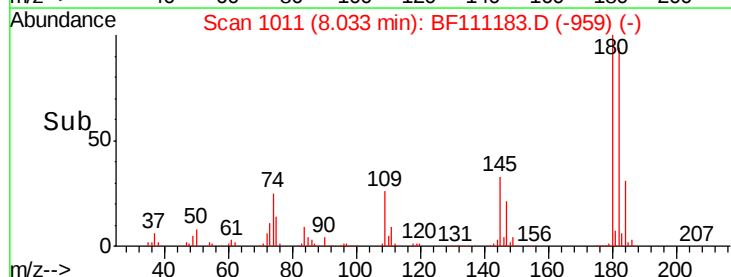
145 33.0 27.6 41.4

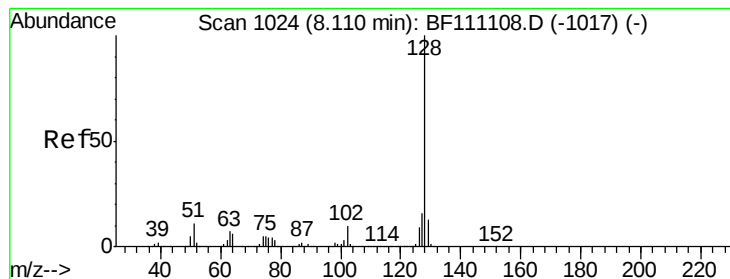


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.762 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

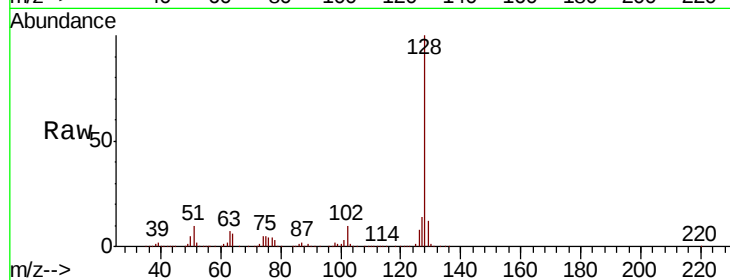
Tot Ion:128 Resp: 3320847

Ion Ratio Lower Upper

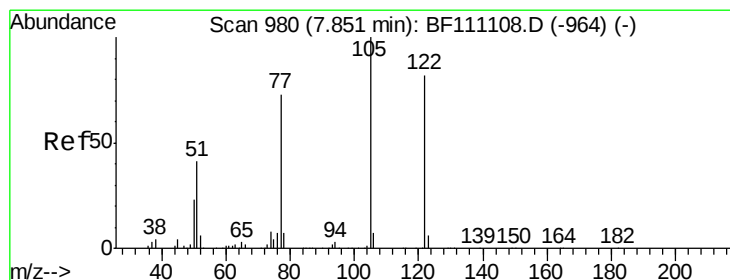
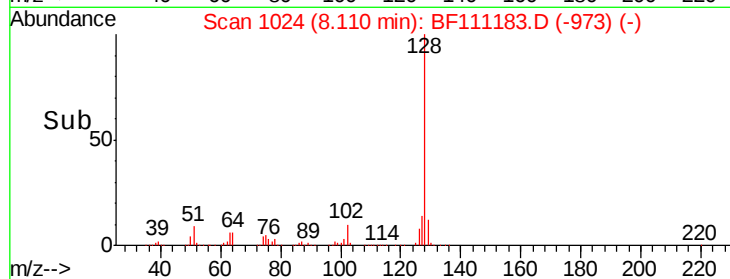
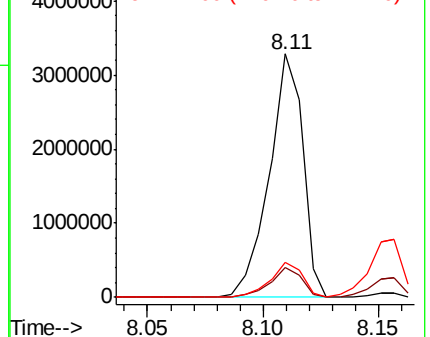
128 100

129 12.3 10.5 15.7

127 14.3 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: 47.230 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

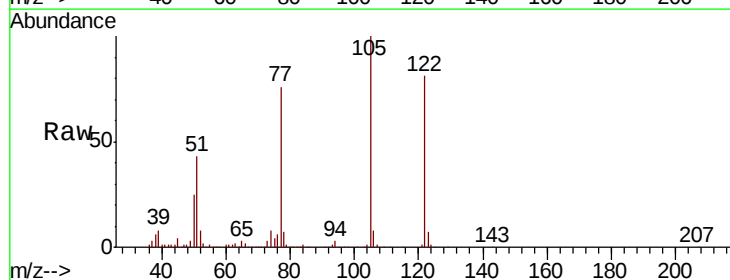
Tgt Ion:122 Resp: 704458

Ion Ratio Lower Upper

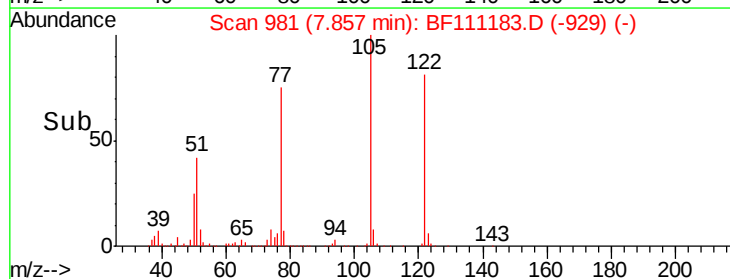
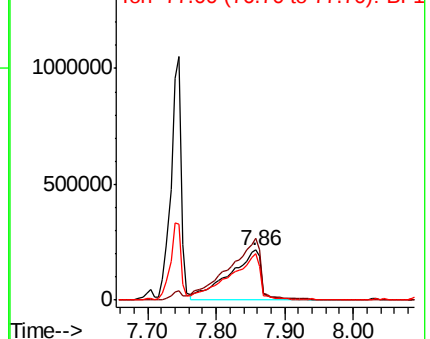
122 100

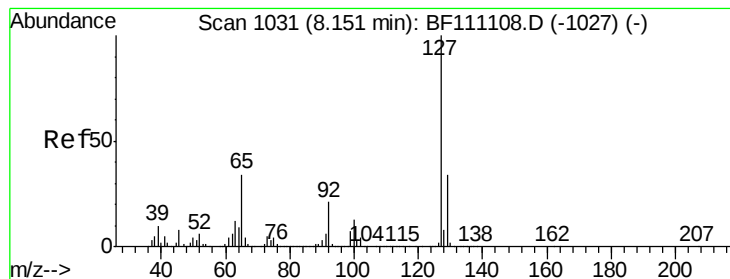
105 124.1 100.1 140.1

77 94.0 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: 24.239 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 797933

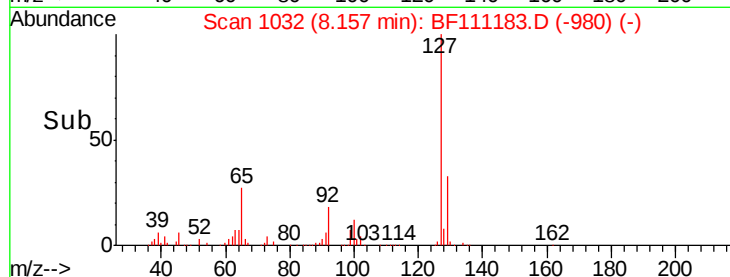
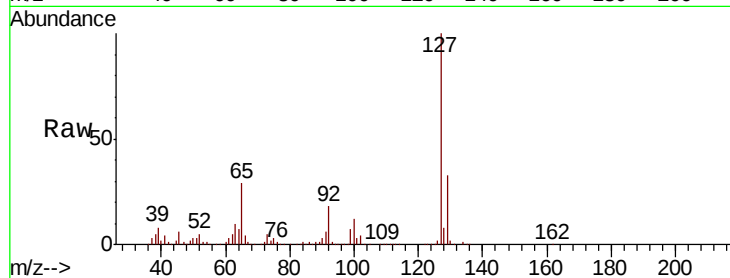
Ion Ratio Lower Upper

127 100

129 33.1 27.0 40.6

65 28.8 27.2 40.8

92 18.0 16.6 24.8

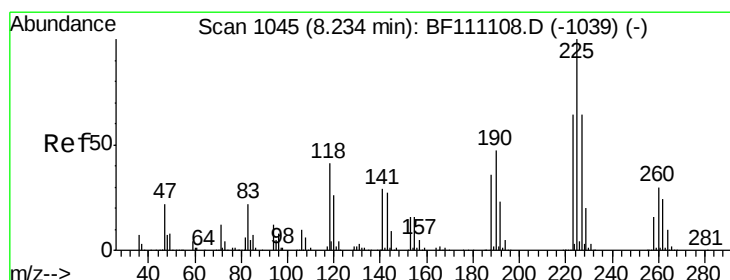
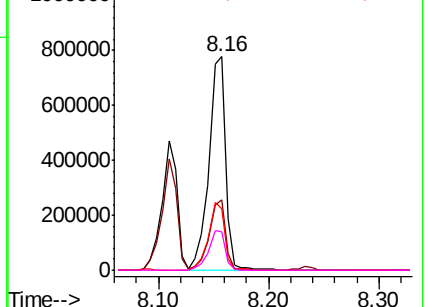


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.703 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

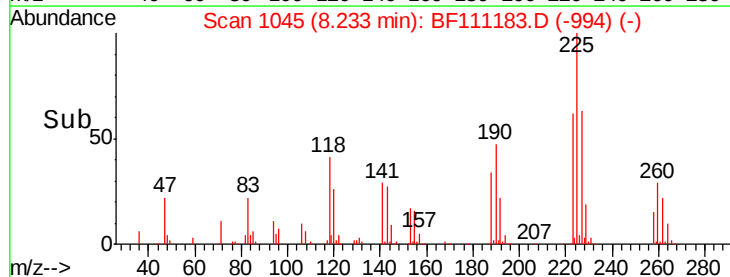
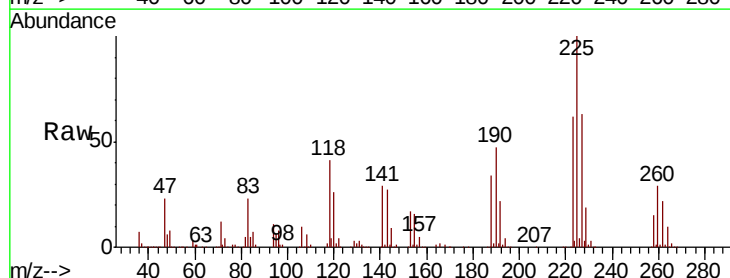
Tgt Ion:225 Resp: 521588

Ion Ratio Lower Upper

225 100

223 61.8 51.4 77.2

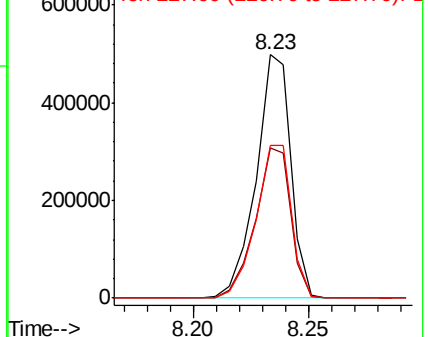
227 62.9 51.0 76.4

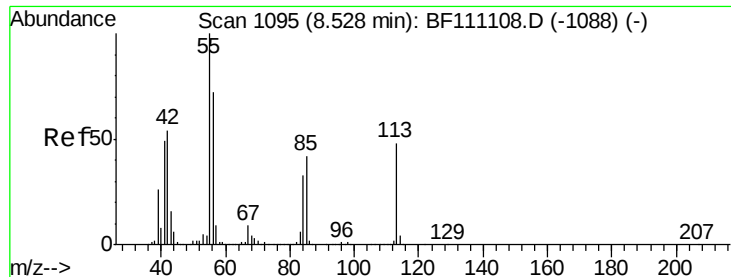


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

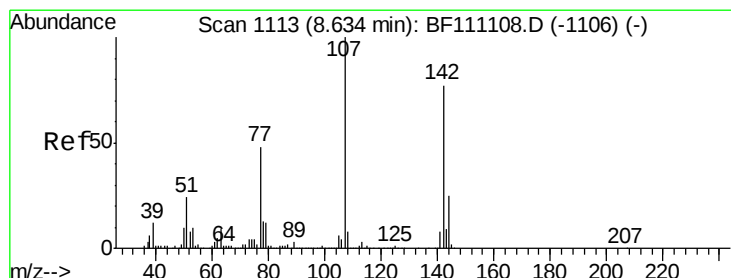
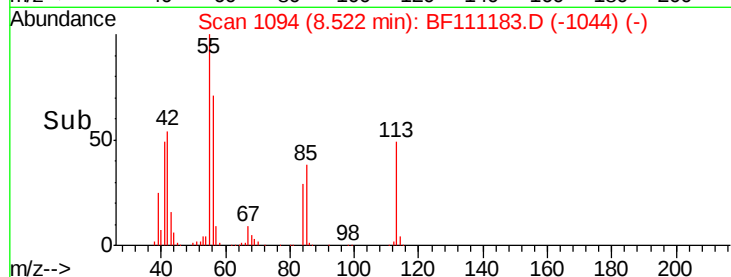
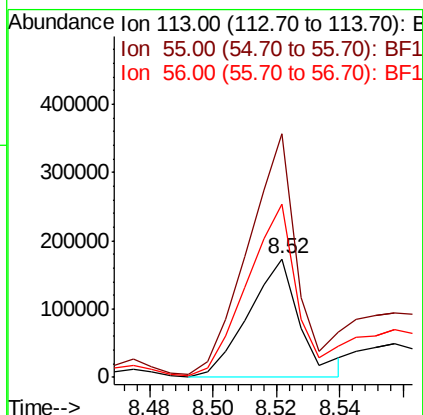
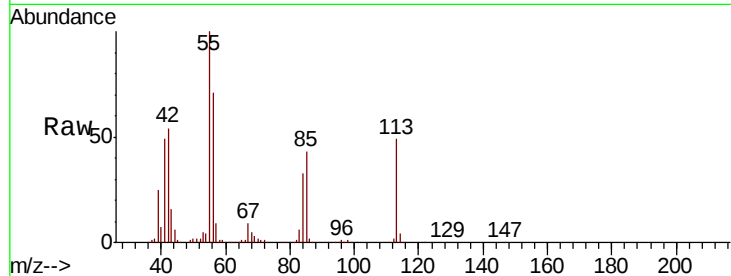




#35
 Caprolactam
 Concen: 24.036 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

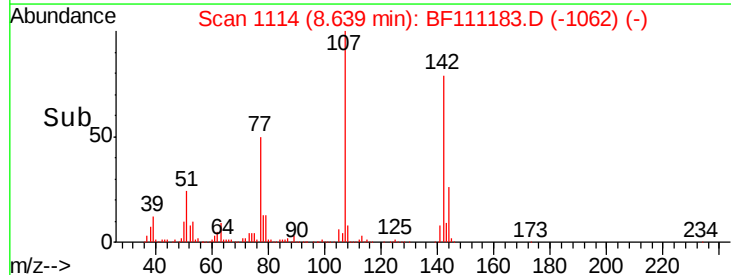
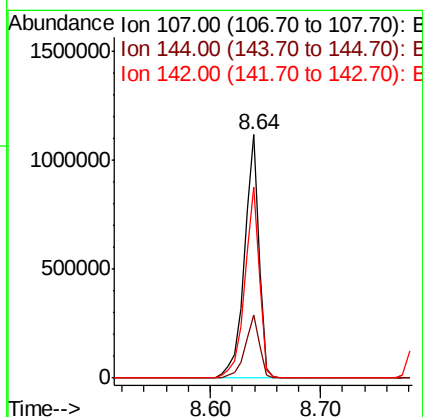
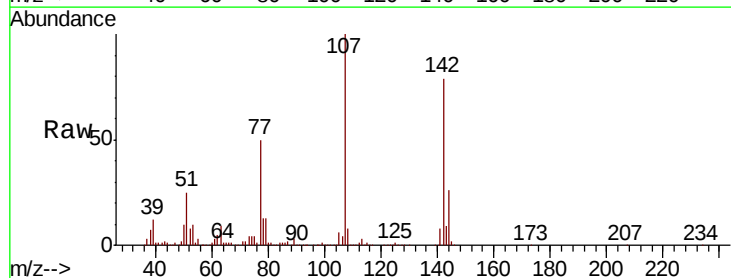
Instrument :
 BNA_F
 ClientSampleId :

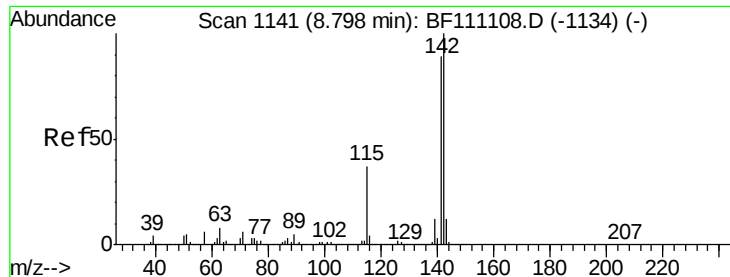
Tot Ion:113 Resp: 196513
 Ion Ratio Lower Upper
 113 100
 55 205.3 190.6 230.6
 56 146.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.488 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion:107 Resp: 1036303
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.9 29.9
 142 78.6 61.4 92.0

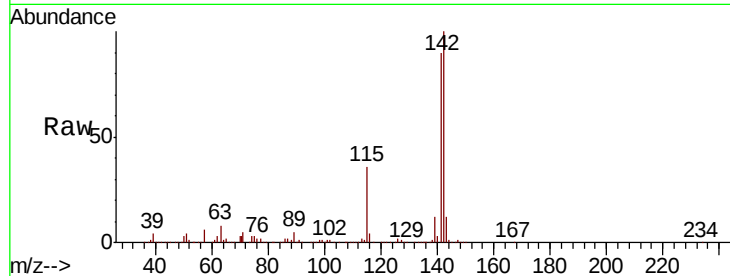




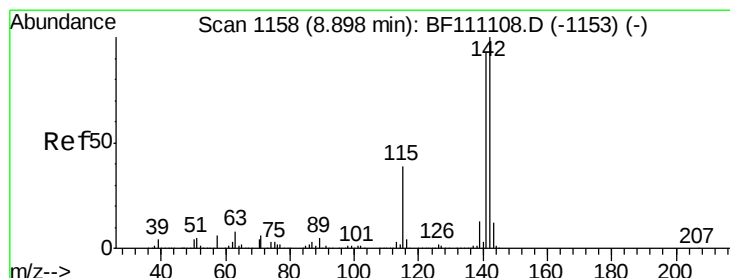
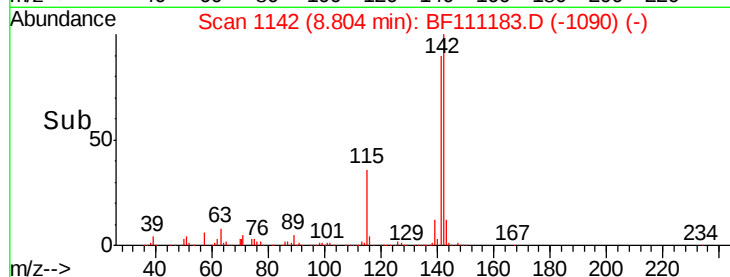
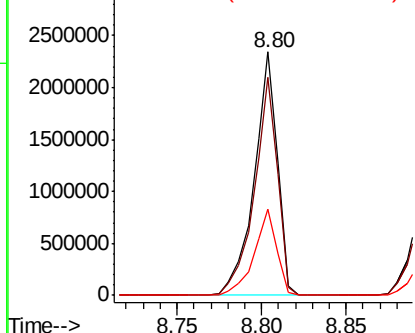
#37
2-Methylnaphthalene
Concen: 47.701 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2240831
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0
115 35.6 29.2 43.8

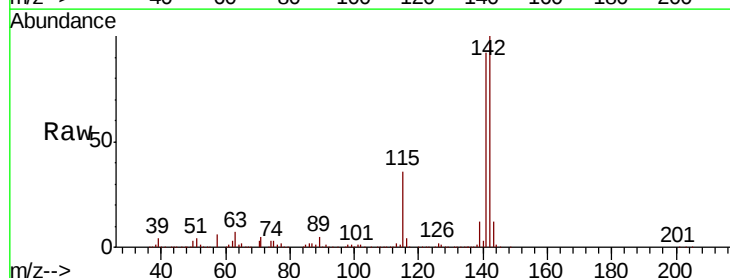


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

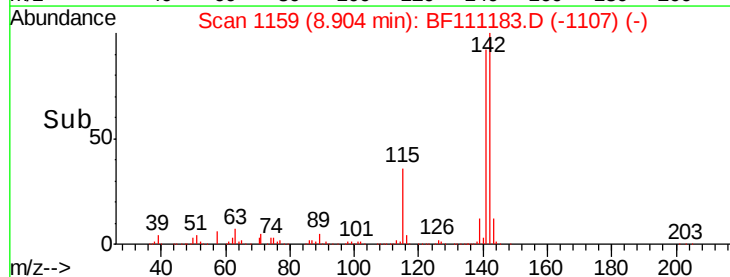
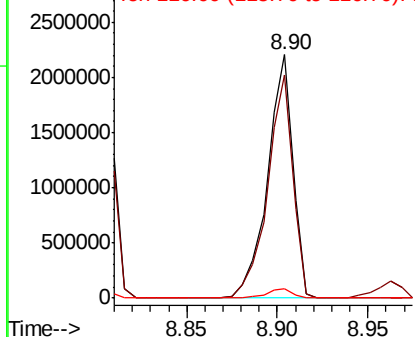


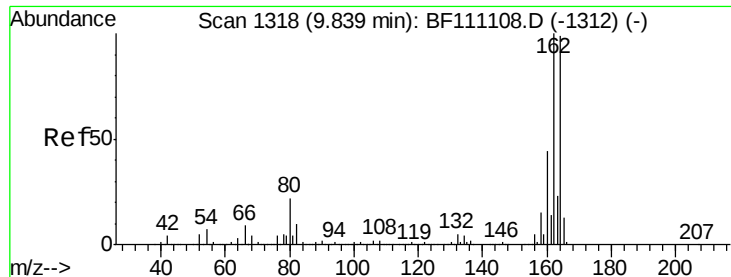
#38
1-Methylnaphthalene
Concen: 47.377 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:142 Resp: 2139746
Ion Ratio Lower Upper
142 100
141 91.6 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

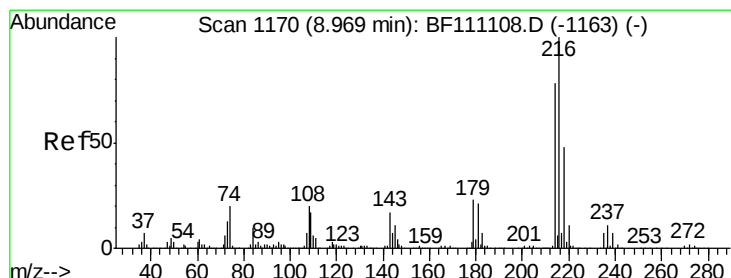
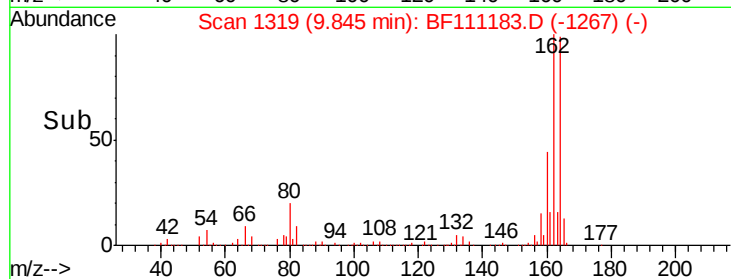
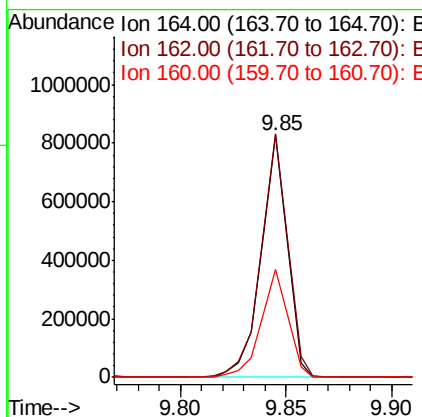
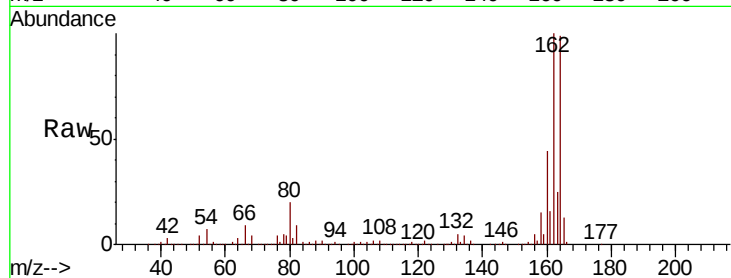




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

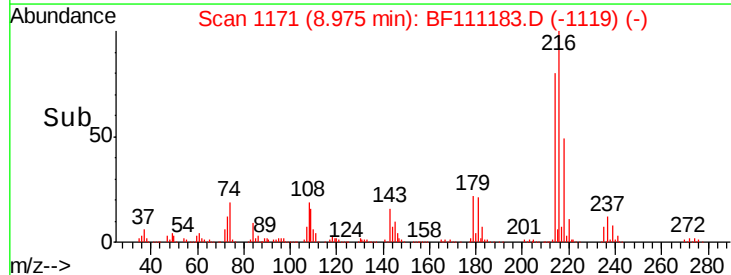
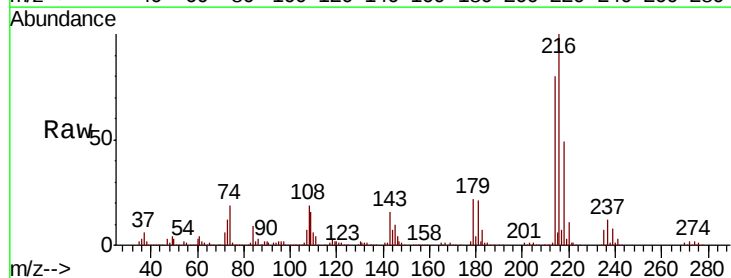
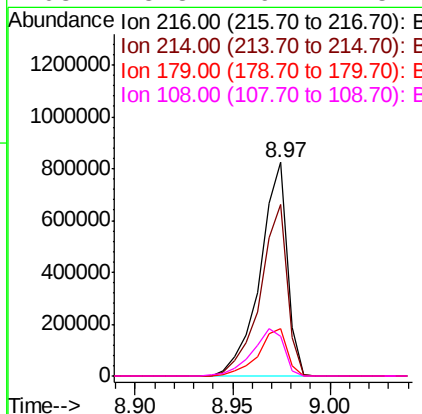
Instrument :
 BNA_F
 ClientSampled :

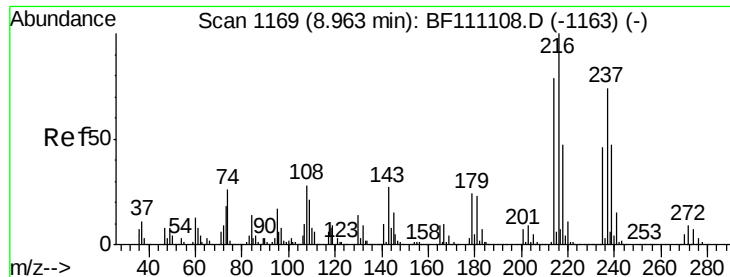
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.4	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.601 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	23.2	18.5	27.7
108	25.8	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 105.092 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

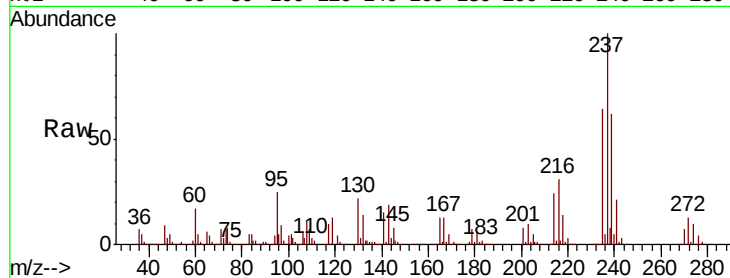
Tot Ion:237 Resp: 1063296

Ion Ratio Lower Upper

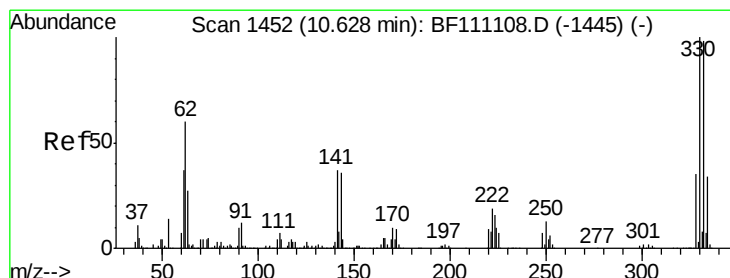
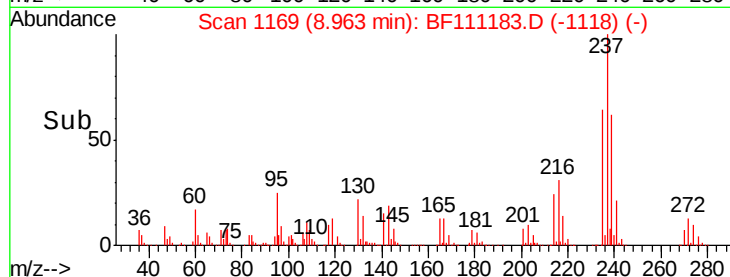
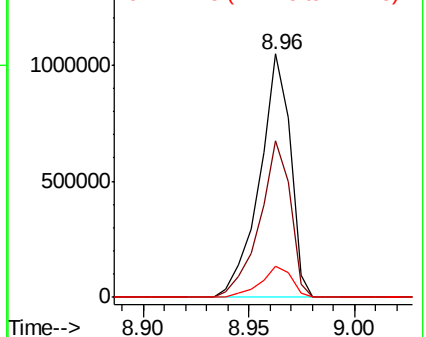
237 100

235 64.3 41.9 81.9

272 12.8 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: 135.708 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

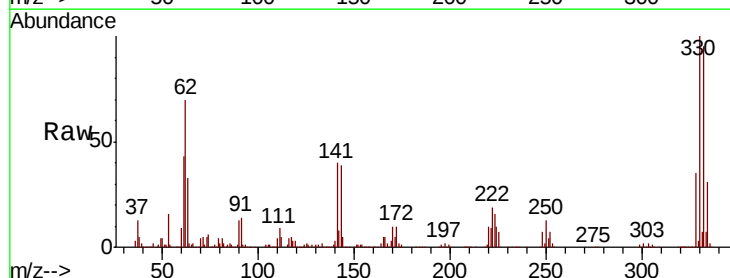
Tgt Ion:330 Resp: 776628

Ion Ratio Lower Upper

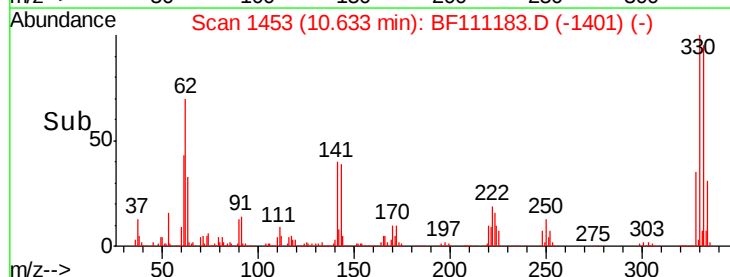
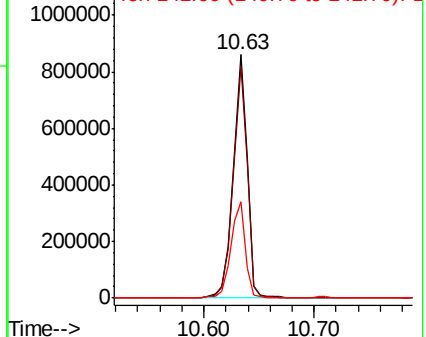
330 100

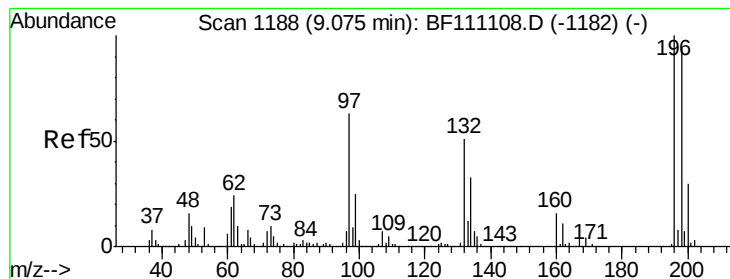
332 96.1 77.2 115.8

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: 46.173 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

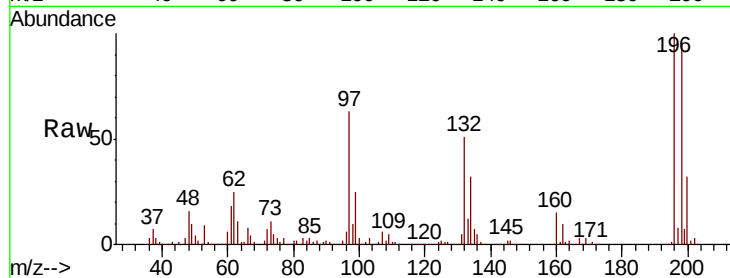
Tot Ion:196 Resp: 647074

Ion Ratio Lower Upper

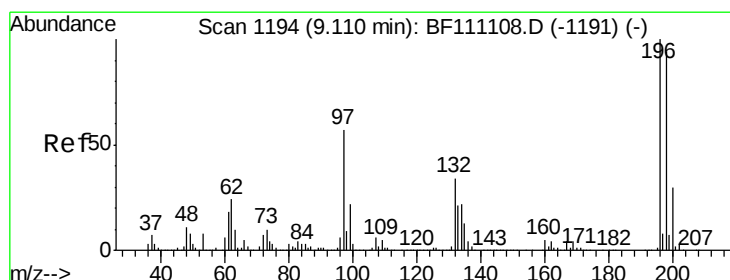
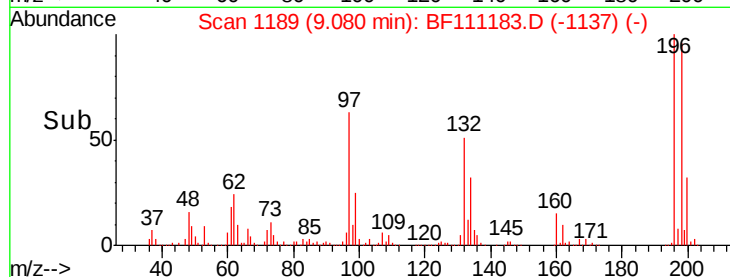
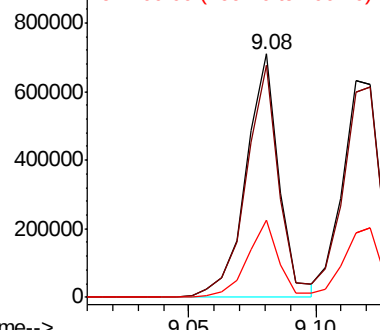
196 100

198 95.6 75.4 113.0

200 31.6 24.2 36.4



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



#44

2,4,5-Trichlorophenol

Concen: 46.188 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:196 Resp: 656165

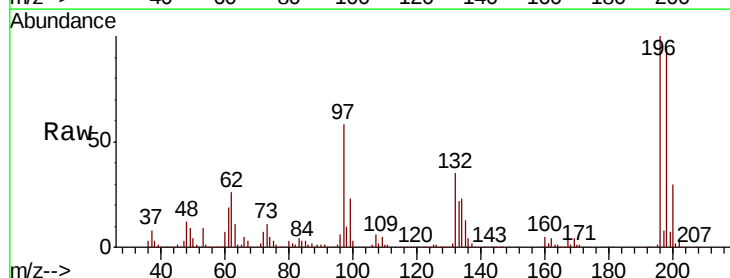
Ion Ratio Lower Upper

196 100

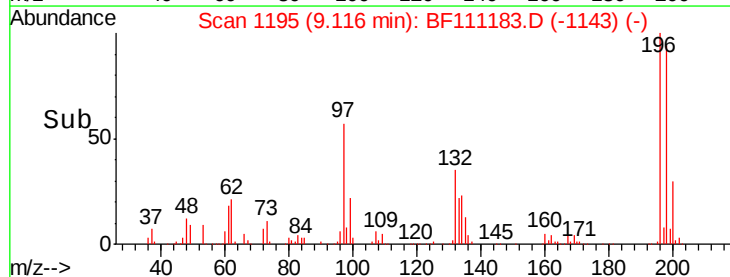
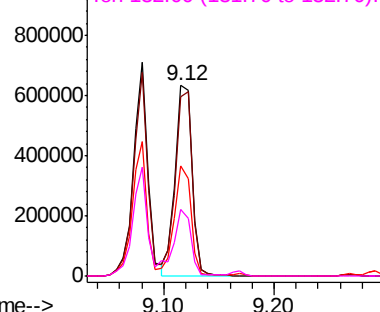
198 94.4 75.0 112.4

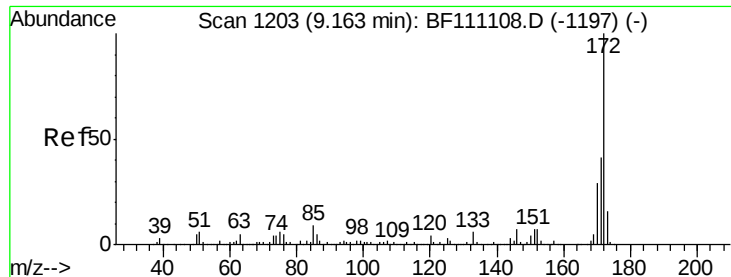
97 57.7 46.2 69.4

132 34.8 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

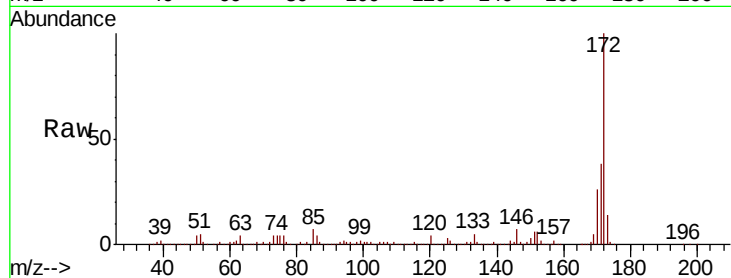




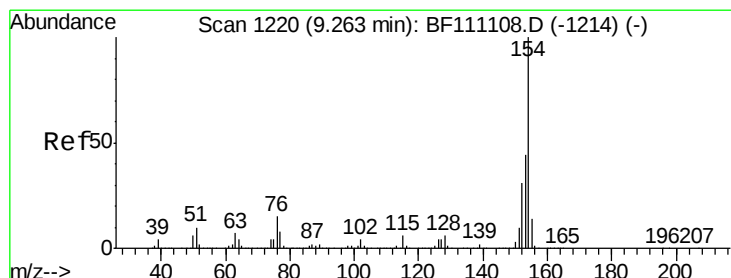
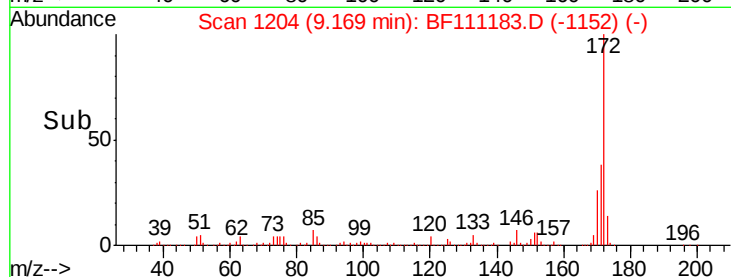
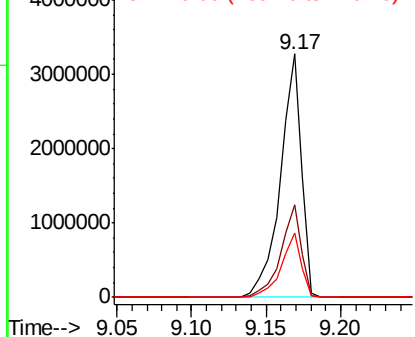
#45
2-Fluorobiphenyl
Concen: 83.152 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3246277
Ion Ratio Lower Upper
172 100
171 38.2 33.2 49.8
170 26.2 22.9 34.3

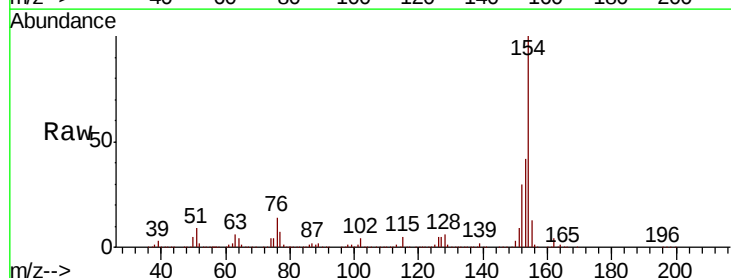


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

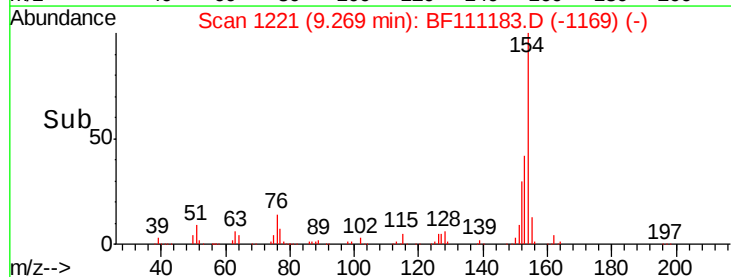
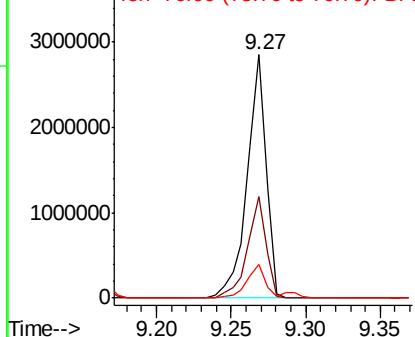


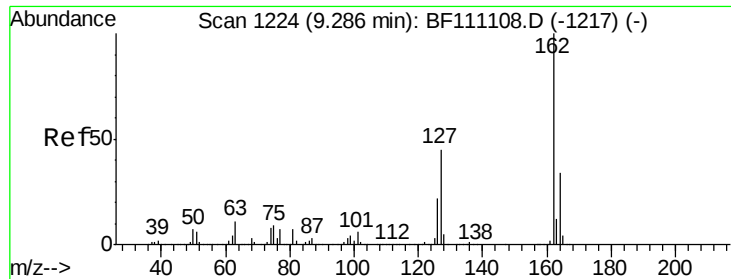
#46
1,1'-Biphenyl
Concen: 42.428 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:154 Resp: 2500604
Ion Ratio Lower Upper
154 100
153 41.7 23.7 63.7
76 13.7 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

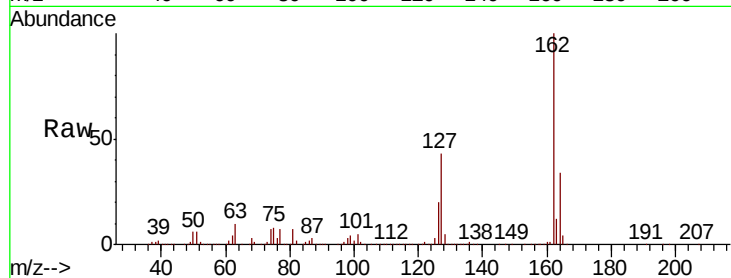




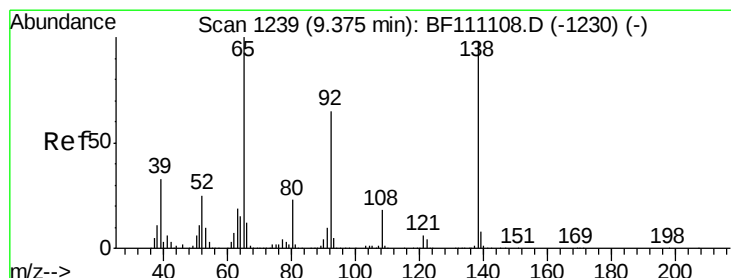
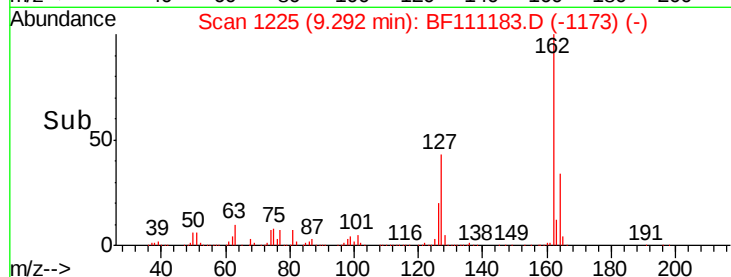
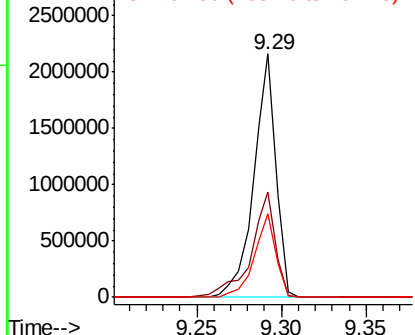
#47
 2-Chloronaphthalene
 Concen: 43.160 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1976648
 Ion Ratio Lower Upper
 162 100
 127 43.3 36.4 54.6
 164 34.1 27.3 40.9

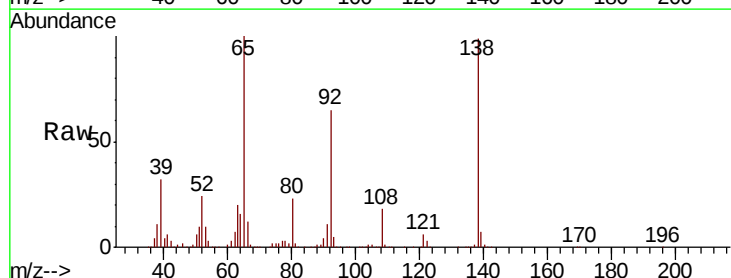


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

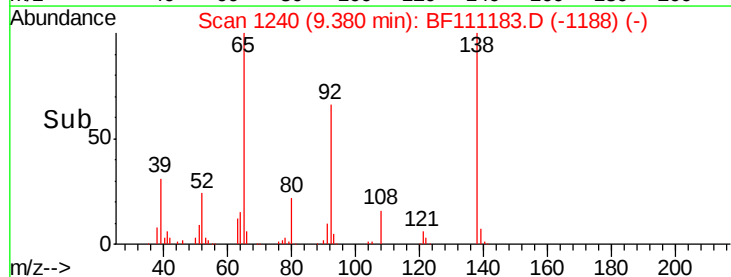
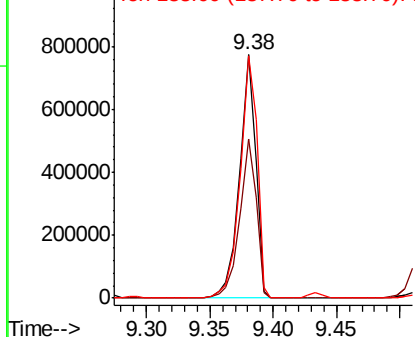


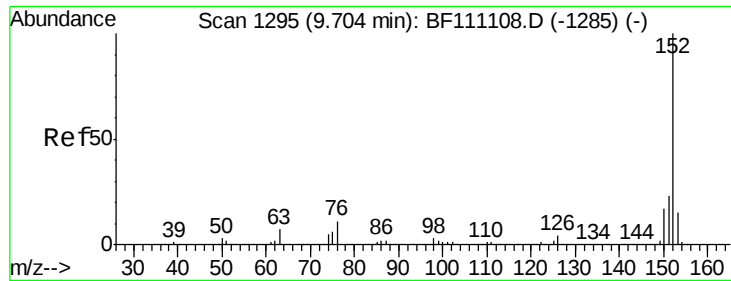
#48
 2-Nitroaniline
 Concen: 45.600 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion: 65 Resp: 676790
 Ion Ratio Lower Upper
 65 100
 92 65.2 52.1 78.1
 138 99.4 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: 48.778 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

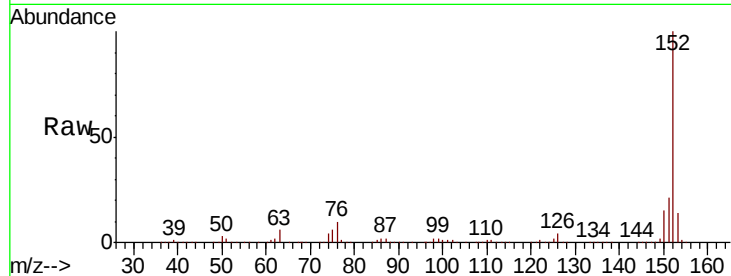
Tot Ion:152 Resp: 3122611

Ion Ratio Lower Upper

152 100

151 21.4 18.3 27.5

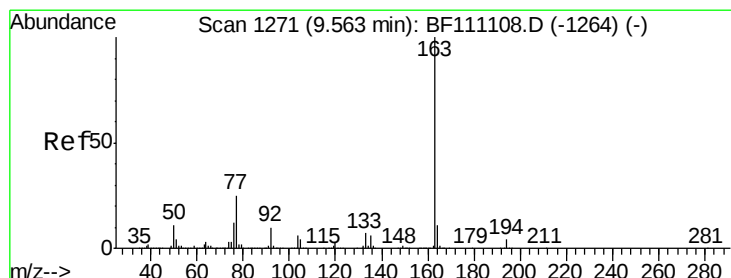
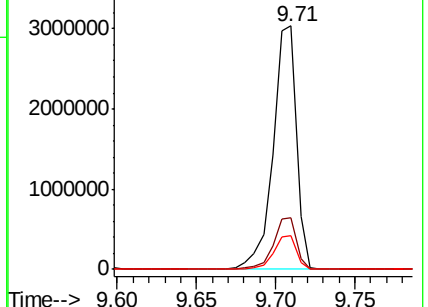
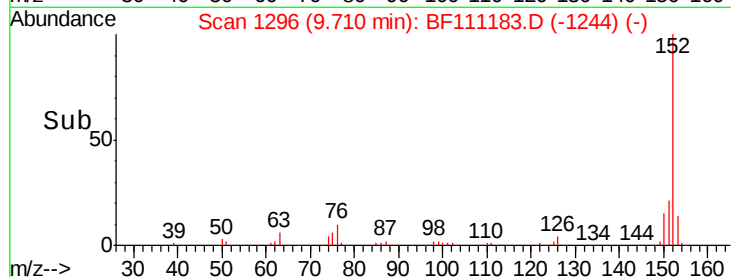
153 13.7 11.8 17.8



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: 44.877 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

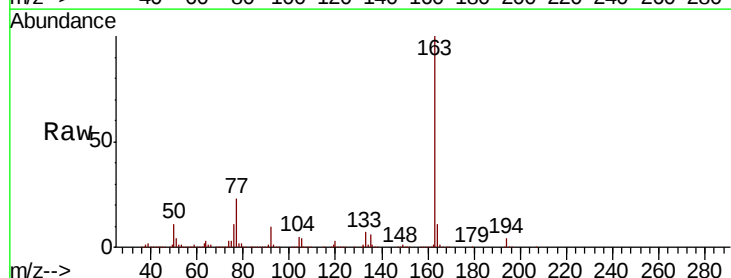
Tgt Ion:163 Resp: 2248593

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

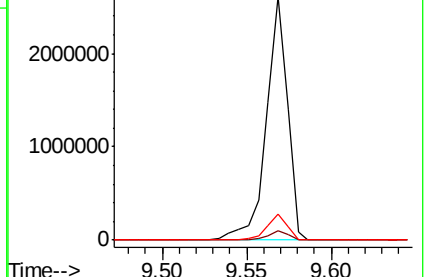
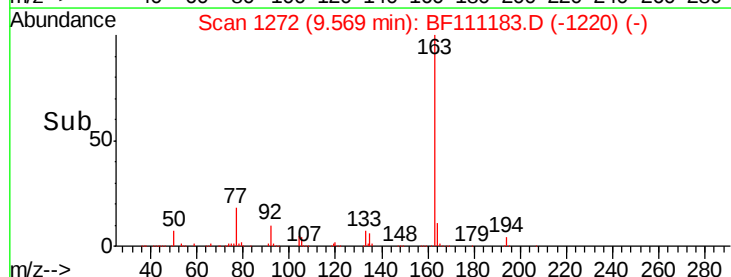
164 10.9 8.9 13.3

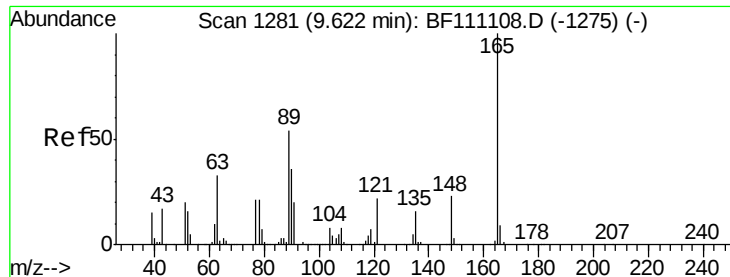


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.501 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

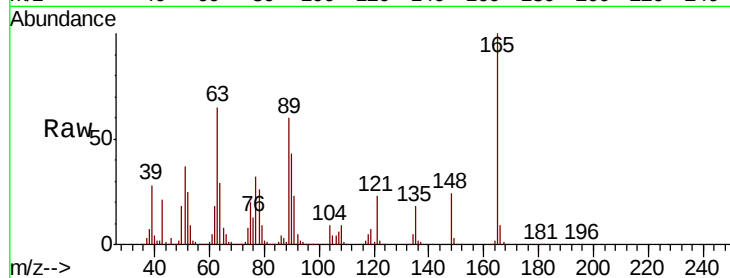
Tot Ion:165 Resp: 515231

Ion Ratio Lower Upper

165 100

63 65.5 44.7 67.1

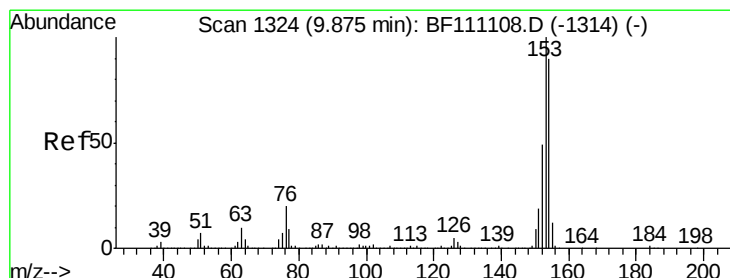
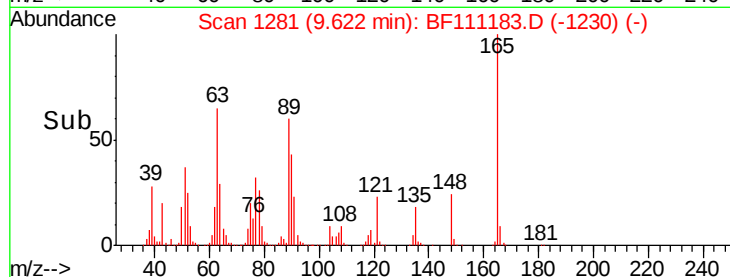
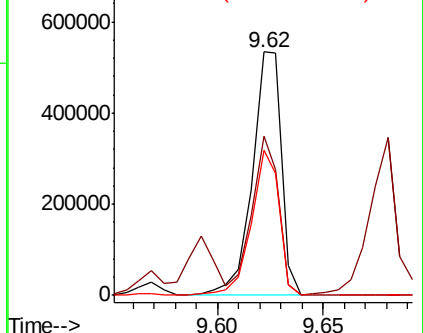
89 59.6 43.0 64.4



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: 47.835 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

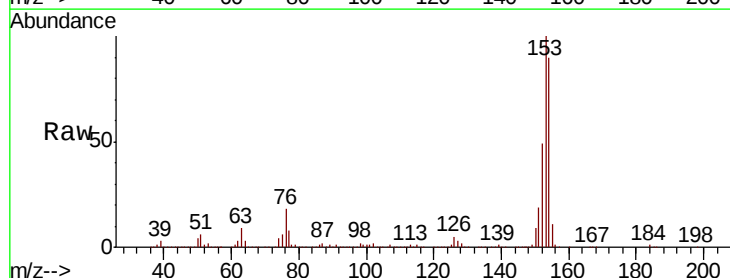
Tgt Ion:154 Resp: 2023013

Ion Ratio Lower Upper

154 100

153 110.8 88.7 133.1

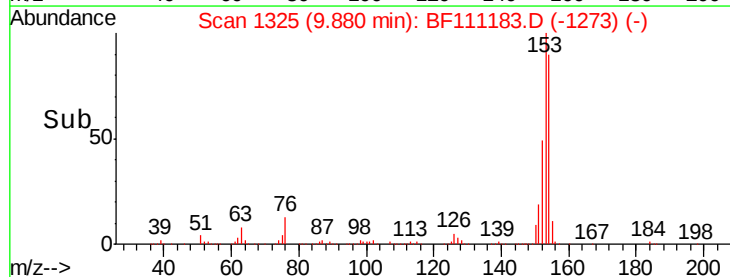
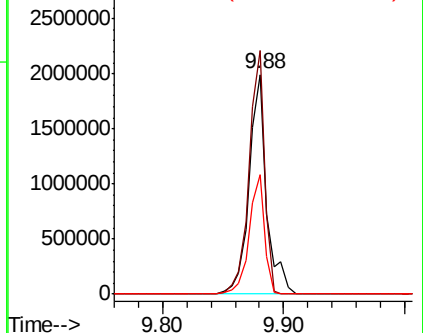
152 54.1 43.8 65.8

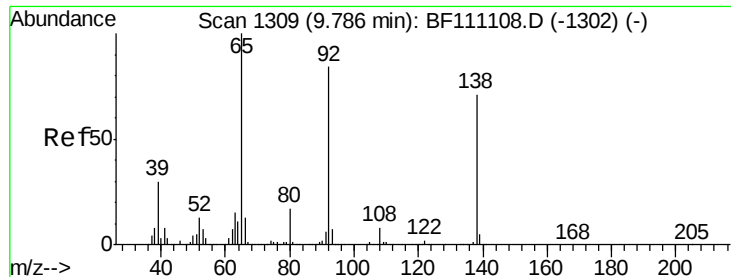


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

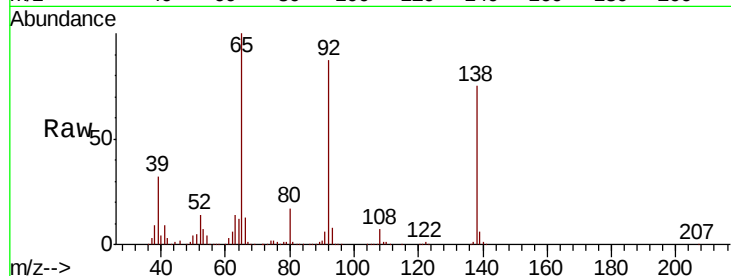




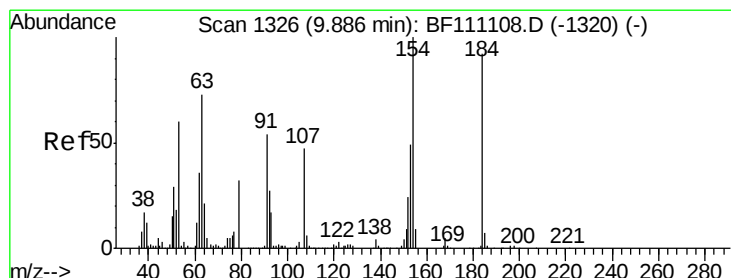
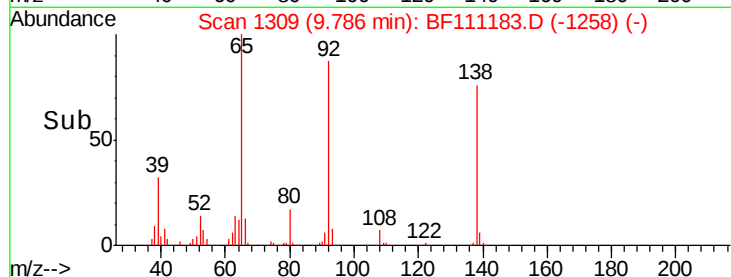
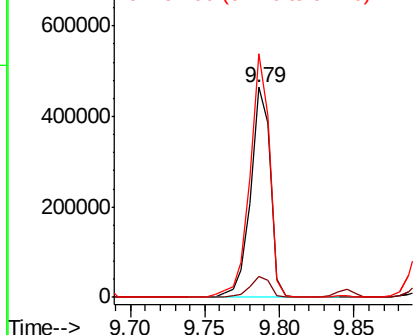
#53
3-Nitroaniline
Concen: 31.626 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 422017
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 116.0 94.1 141.1

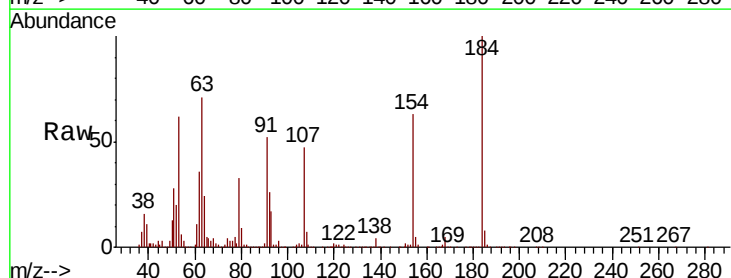


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

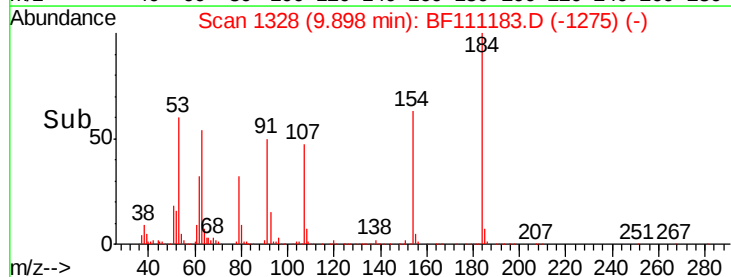
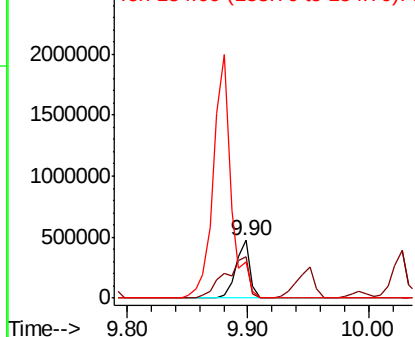


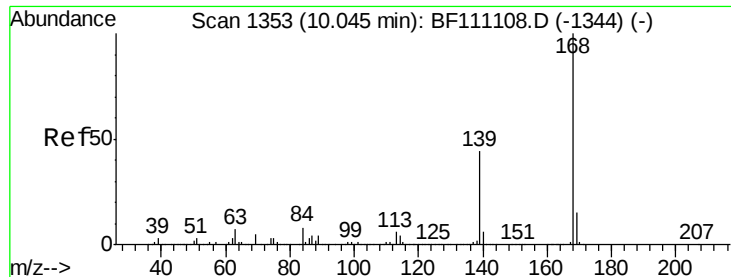
#54
2,4-Dinitrophenol
Concen: 110.739 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:184 Resp: 382054
Ion Ratio Lower Upper
184 100
63 70.8 64.2 96.4
154 63.0 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

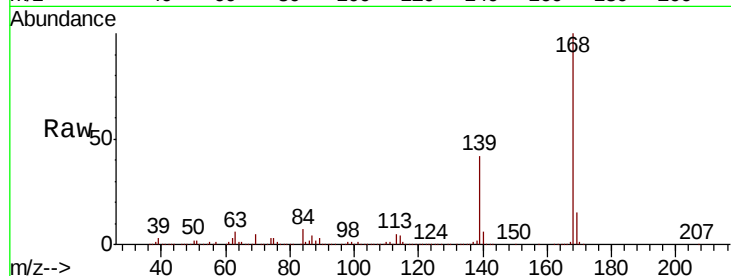




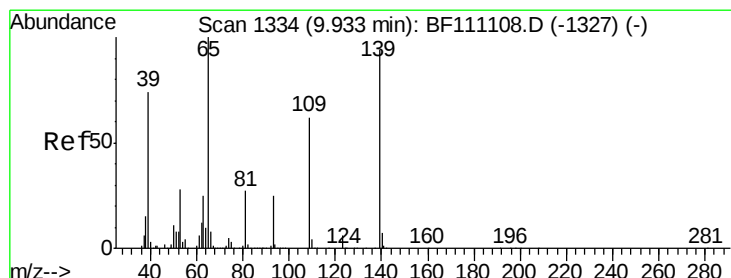
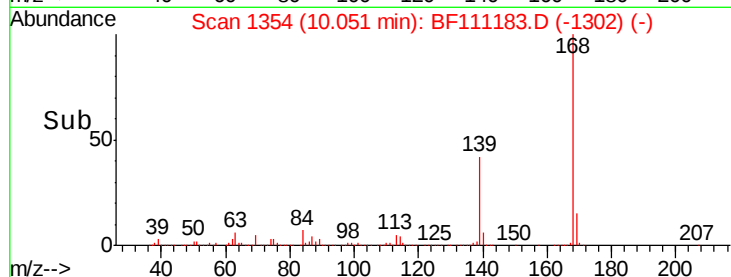
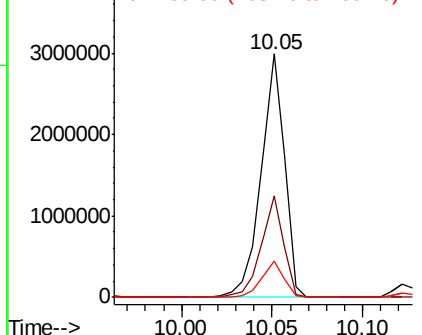
#55
Dibenzofuran
Concen: 46.261 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2694740
Ion Ratio Lower Upper
168 100
139 41.8 35.1 52.7
169 14.8 12.2 18.4

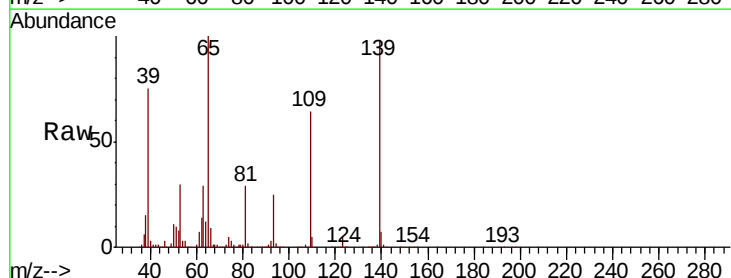


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

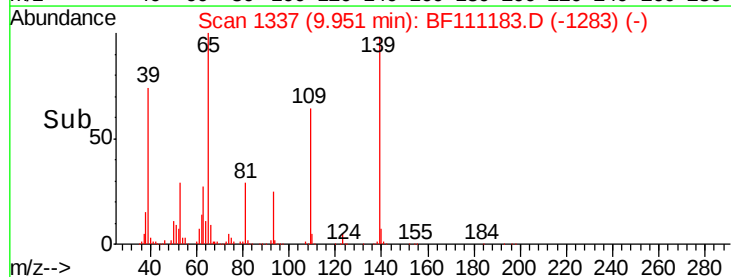
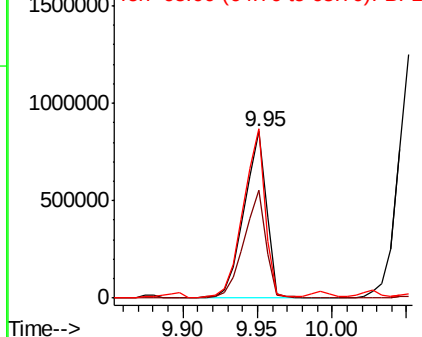


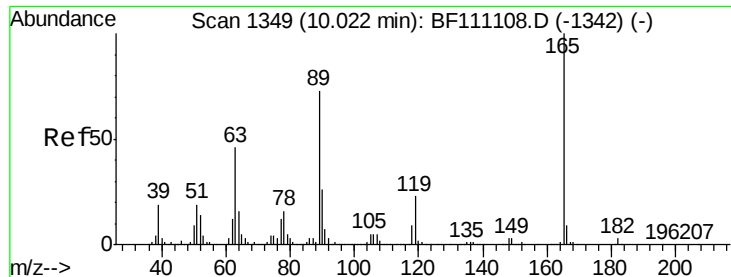
#56
4-Nitrophenol
Concen: 88.880 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:139 Resp: 893739
Ion Ratio Lower Upper
139 100
109 64.8 46.1 86.1
65 102.0 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

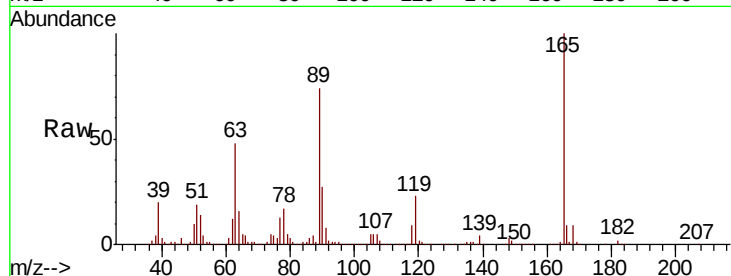




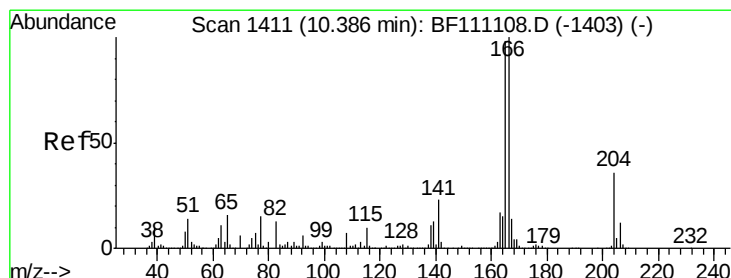
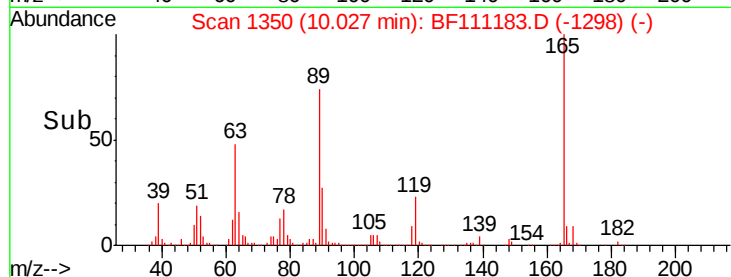
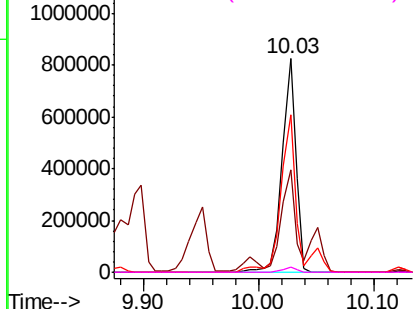
#57
2,4-Dinitrotoluene
Concen: 50.035 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 686476
Ion Ratio Lower Upper
165 100
63 48.0 36.7 55.1
89 73.6 58.4 87.6
182 2.2 2.1 3.1

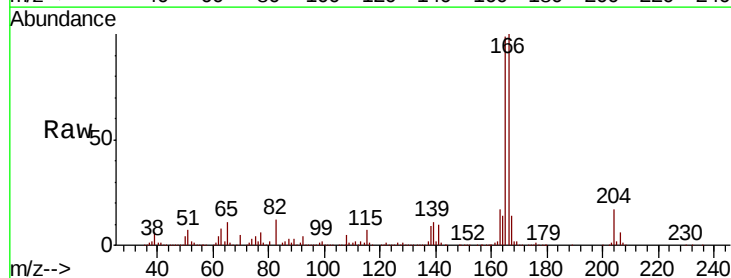


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

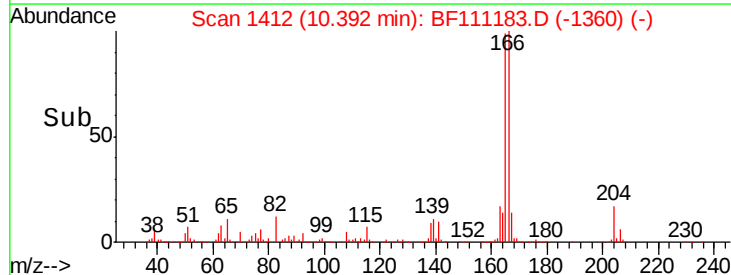
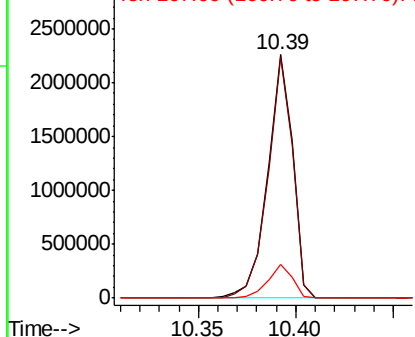


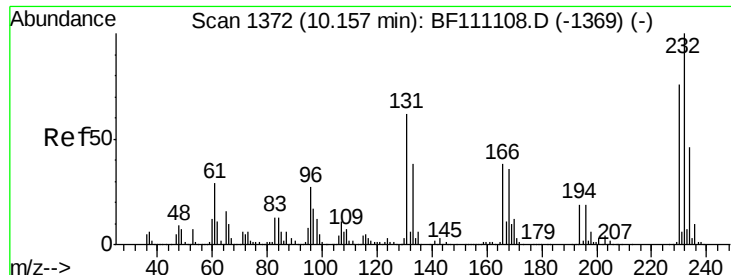
#58
Fluorene
Concen: 48.889 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:166 Resp: 2008244
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 14.0 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

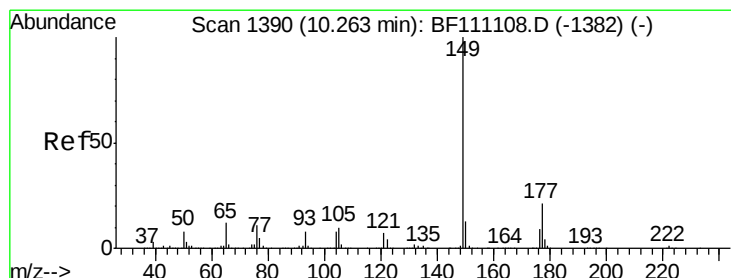
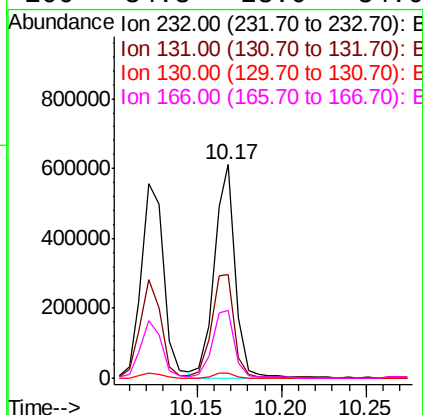
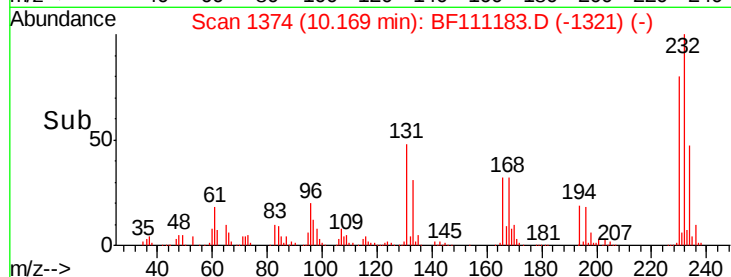
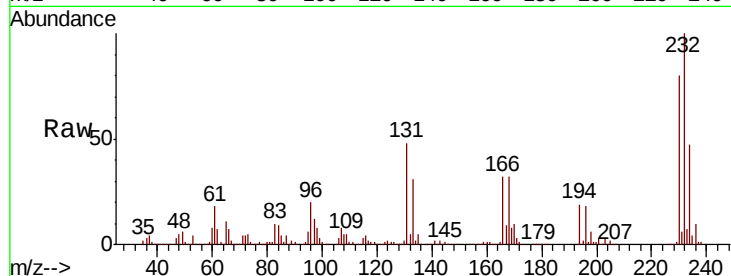




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.003 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

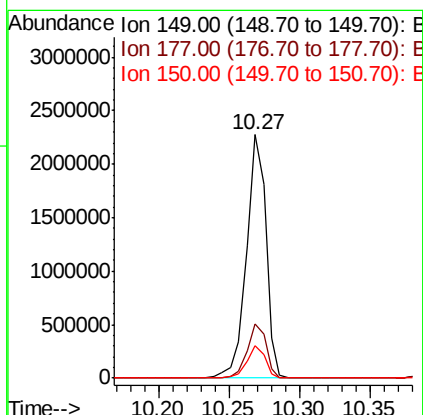
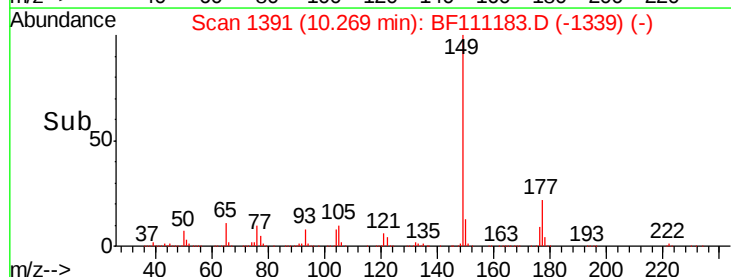
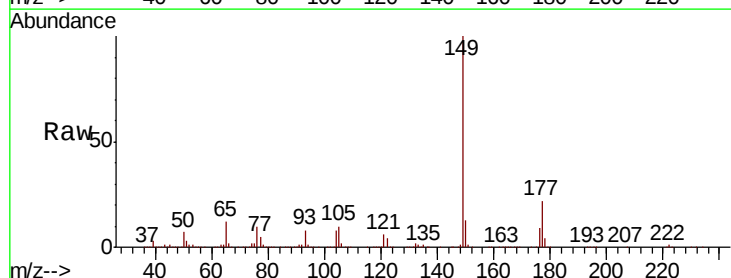
Instrument :
BNA_F
ClientSampled :

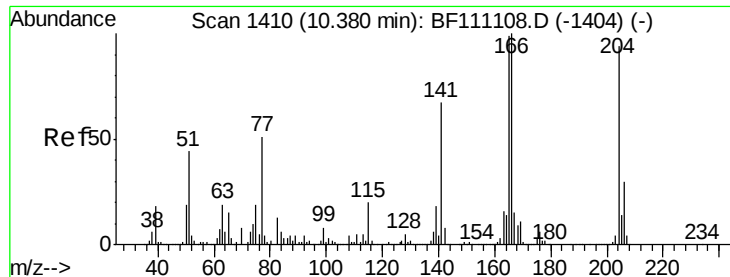
Tot Ion:232 Resp: 530184
Ion Ratio Lower Upper
232 100
131 53.3 40.4 60.6
130 2.9 2.1 3.1
166 34.3 23.0 34.6



#60
Diethylphthalate
Concen: 44.004 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:149 Resp: 2203453
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 13.2 10.5 15.7

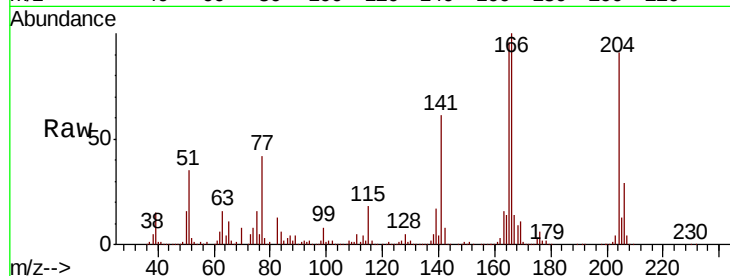




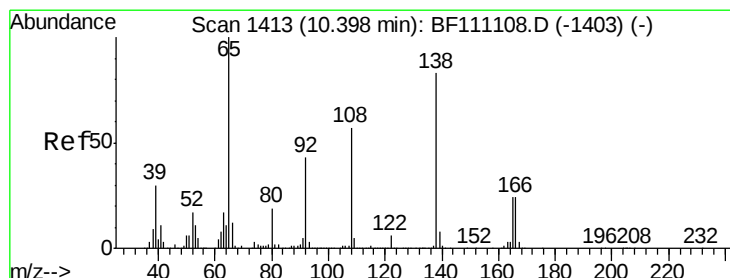
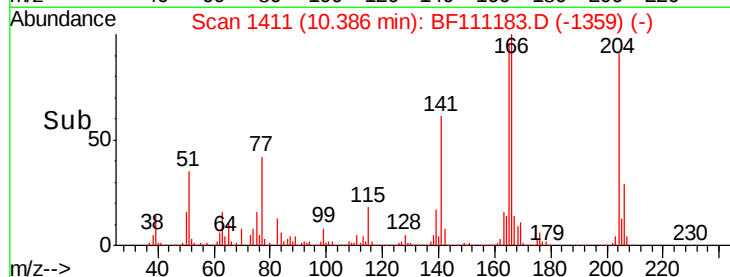
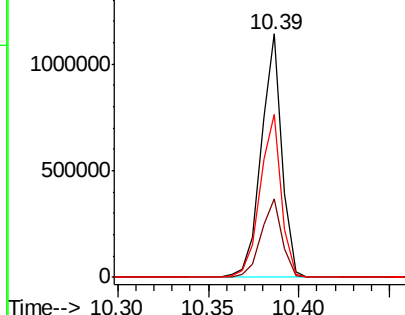
#61
4-Chlorophenyl-phenylether
Concen: 44.508 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 901010
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 66.9 57.4 86.0

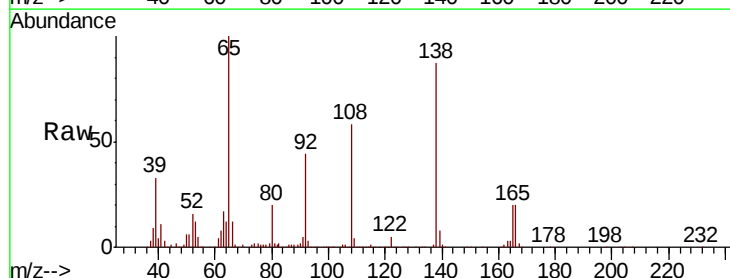


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

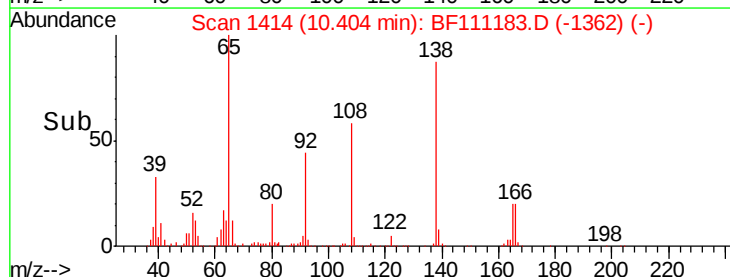
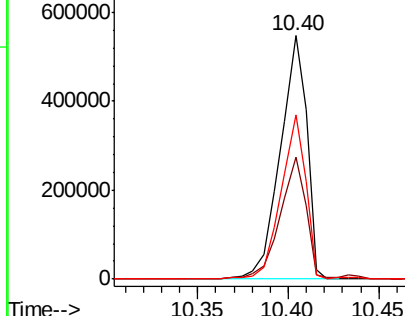


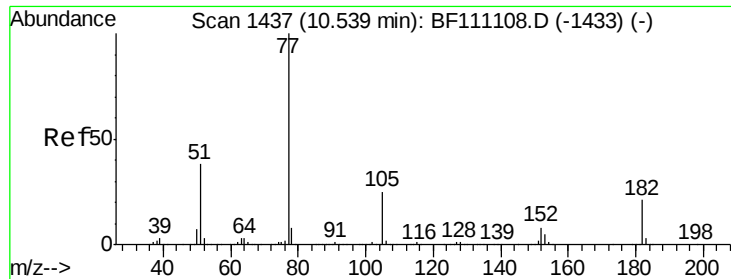
#62
4-Nitroaniline
Concen: 46.689 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:138 Resp: 562294
Ion Ratio Lower Upper
138 100
92 50.4 31.6 71.6
108 67.3 48.3 88.3



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





#63

Azobenzene

Concen: 42.802 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2281824

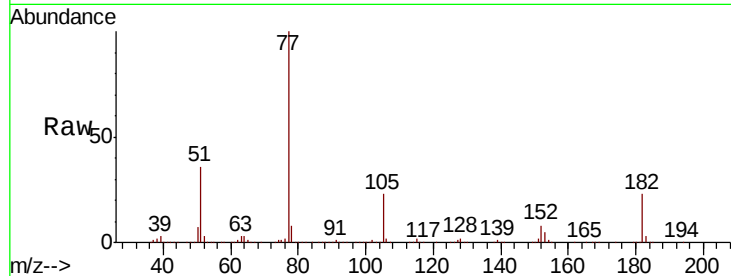
Ion Ratio Lower Upper

77 100

182 23.1 1.4 41.4

105 23.1 4.7 44.7

51 35.8 18.0 58.0

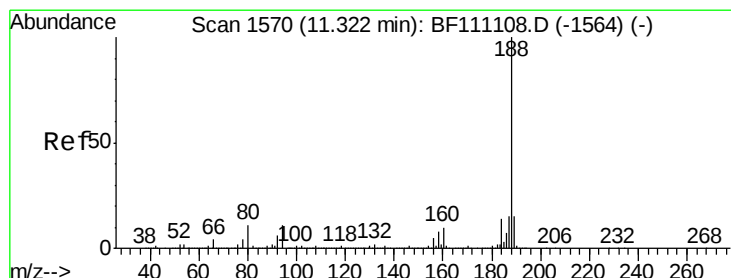
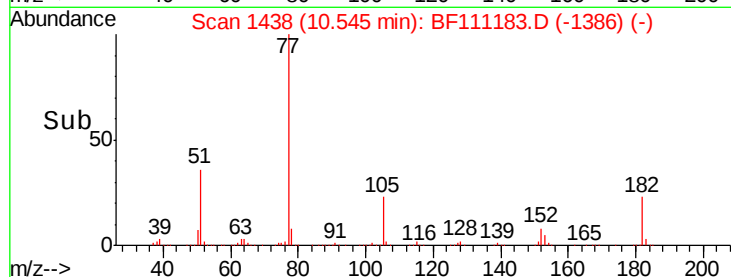
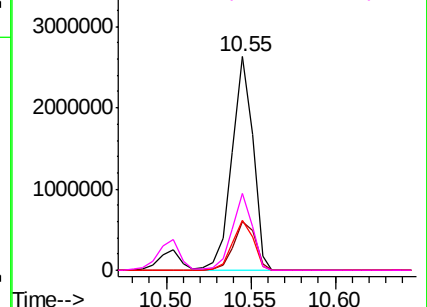


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

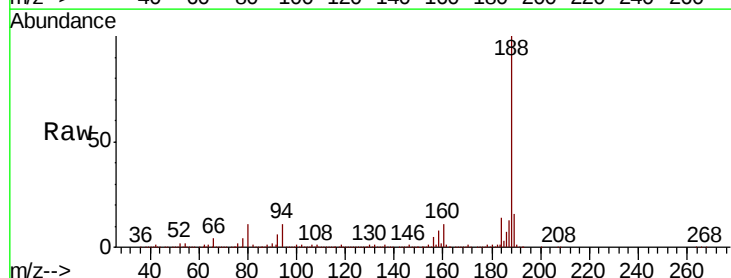
Tgt Ion: 188 Resp: 1236530

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

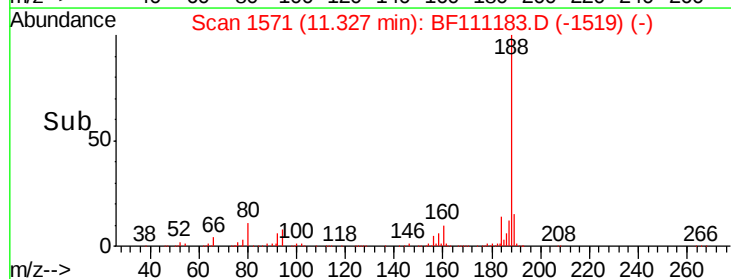
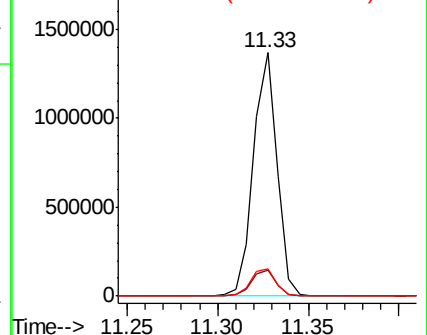
80 11.5 9.0 13.6

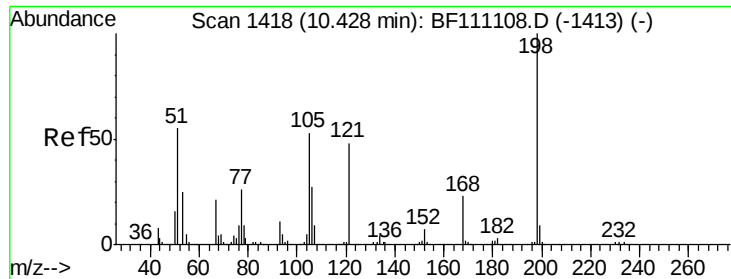


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

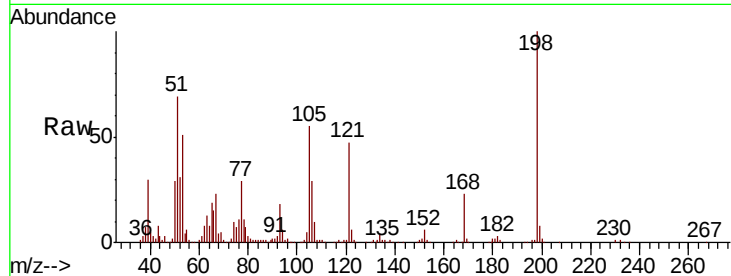




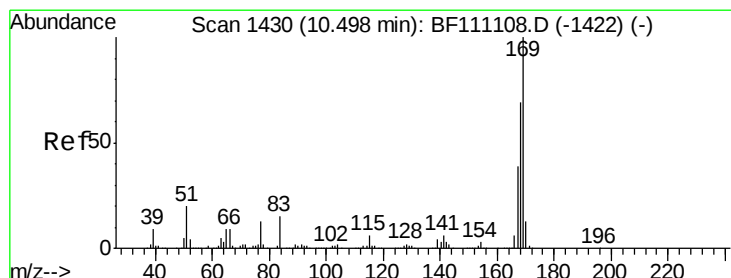
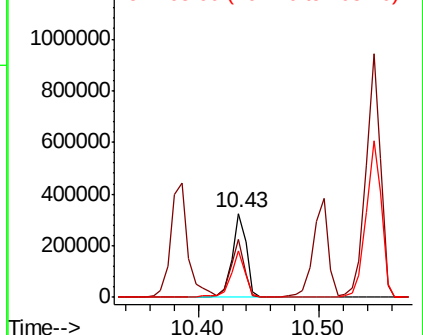
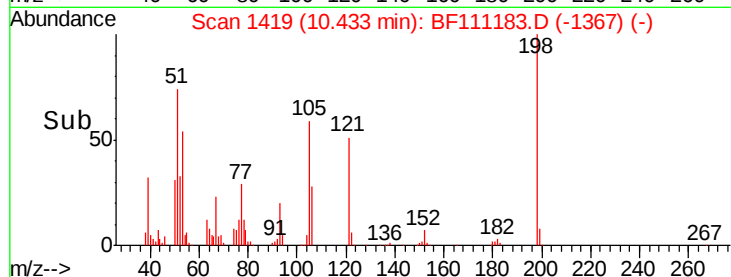
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.179 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 266557
 Ion Ratio Lower Upper
 198 100
 51 68.5 48.8 88.8
 105 54.7 35.2 75.2

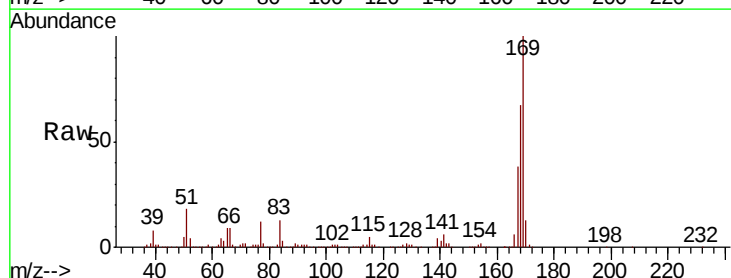


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

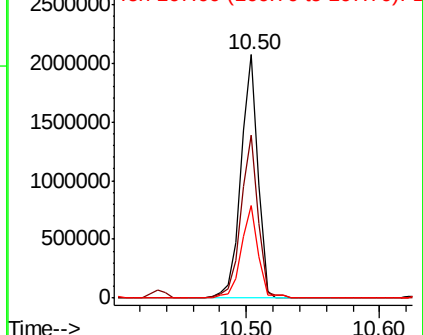
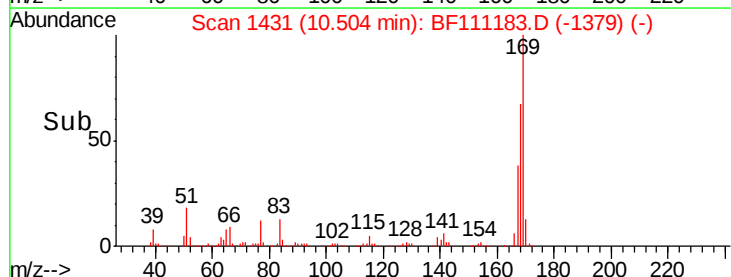


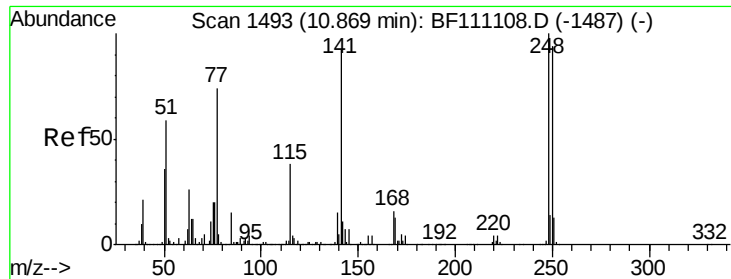
#66
 n-Nitrosodiphenylamine
 Concen: 42.398 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion:169 Resp: 1835753
 Ion Ratio Lower Upper
 169 100
 168 67.1 55.4 83.2
 167 37.8 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

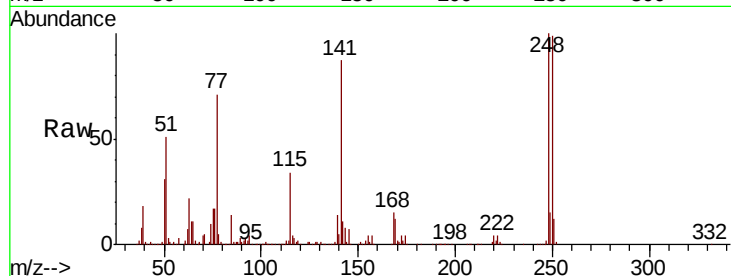




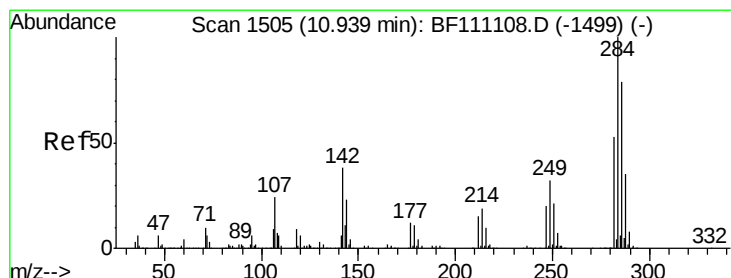
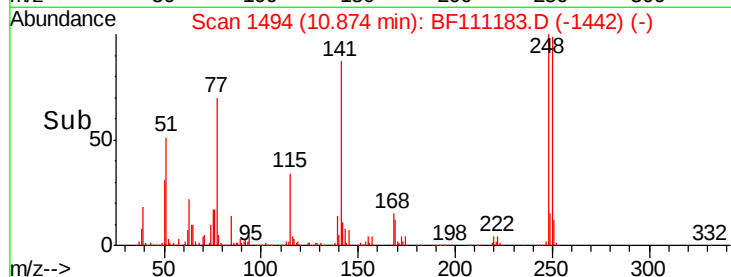
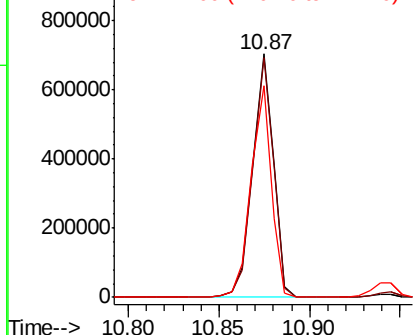
#67
4-Bromophenyl-phenylether
Concen: 43.097 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 564114
Ion Ratio Lower Upper
248 100
250 98.7 75.4 113.0
141 86.8 73.8 110.6

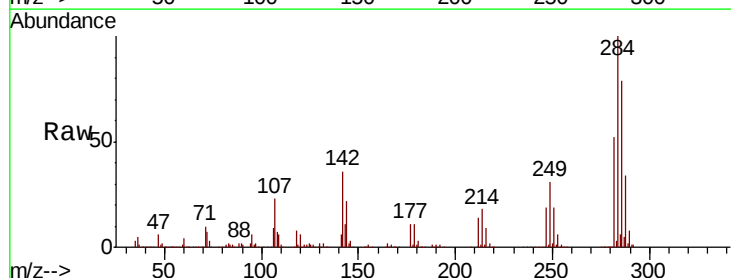


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

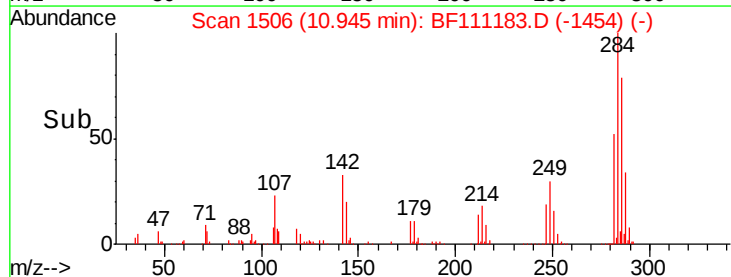
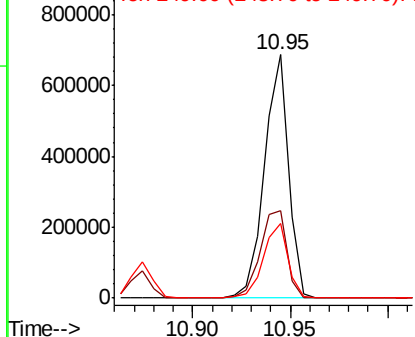


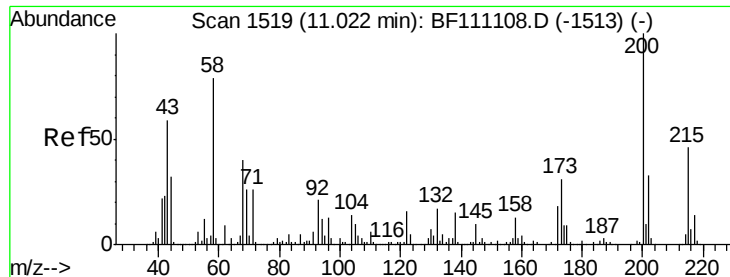
#68
Hexachlorobenzene
Concen: 43.901 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:284 Resp: 587583
Ion Ratio Lower Upper
284 100
142 36.0 30.2 45.2
249 30.5 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: 49.960 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

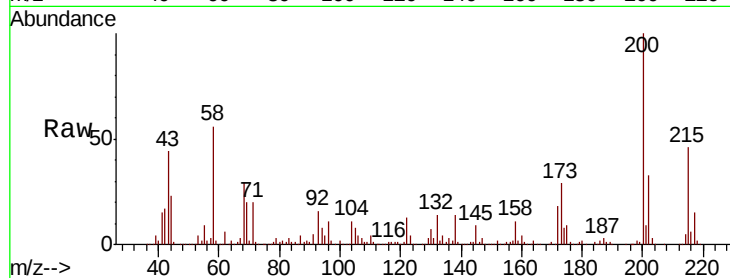
Tot Ion:200 Resp: 575823

Ion Ratio Lower Upper

200 100

173 28.7 11.3 51.3

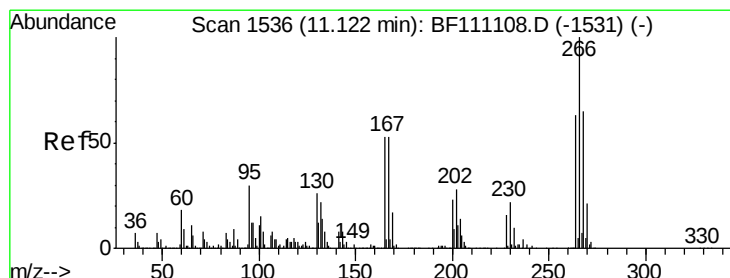
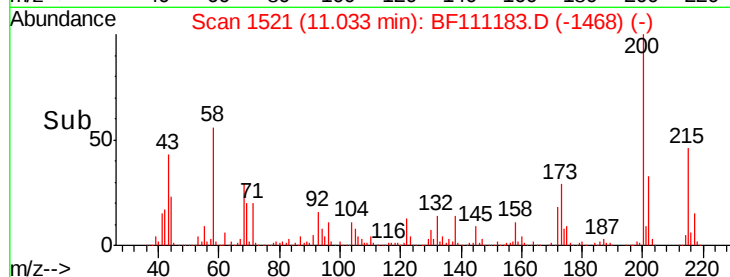
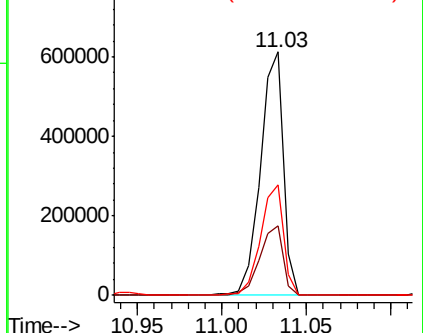
215 45.6 25.9 65.9



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: 76.696 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

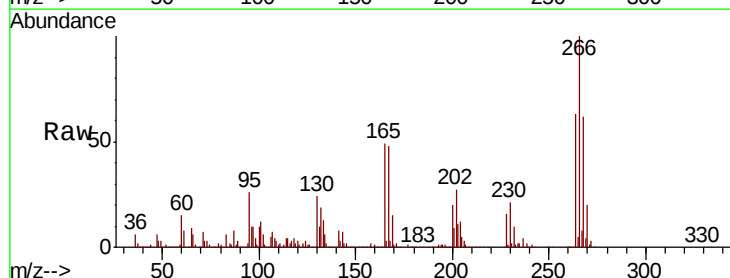
Tgt Ion:266 Resp: 675053

Ion Ratio Lower Upper

266 100

268 61.9 52.2 78.4

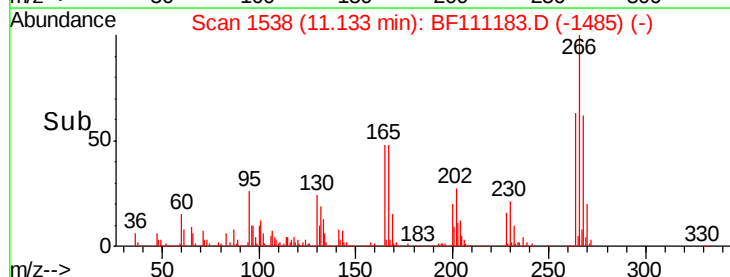
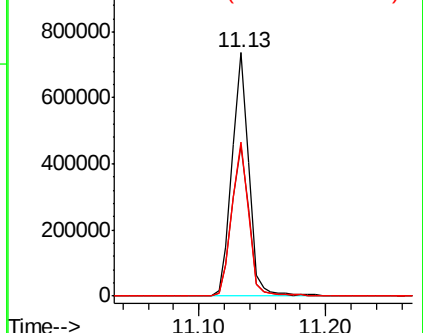
264 63.0 50.8 76.2

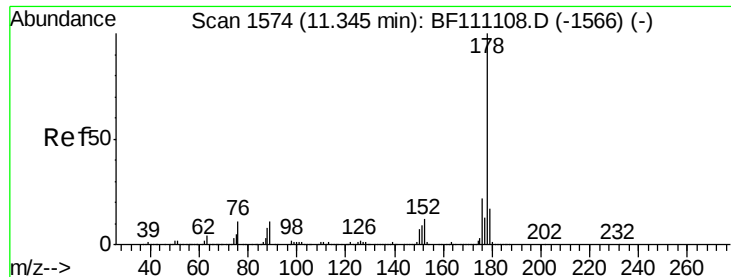


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.448 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

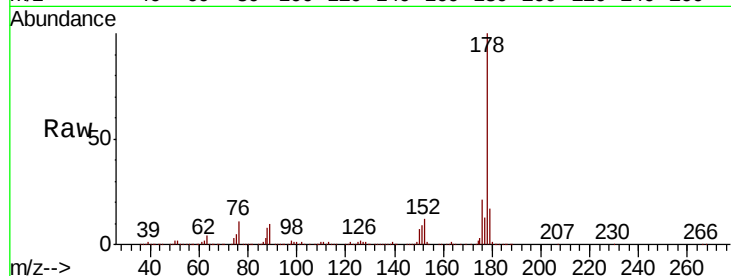
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2822177

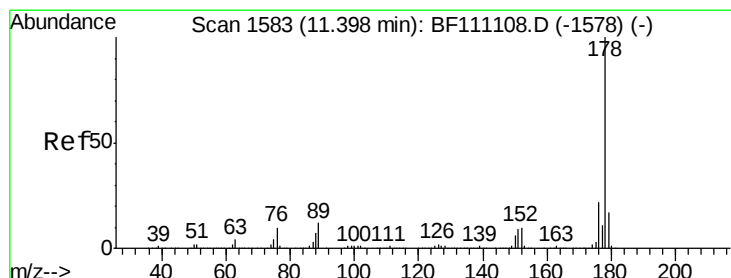
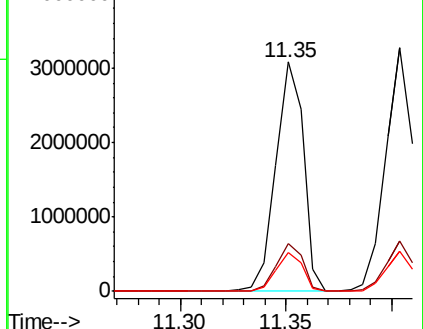
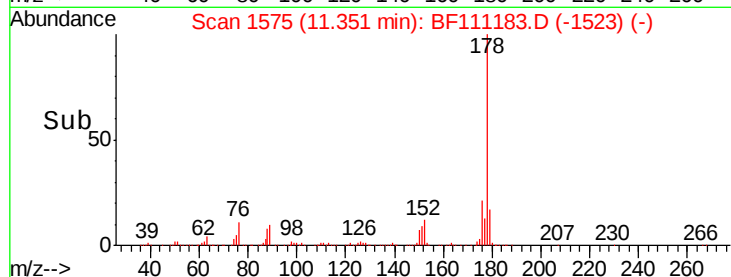
Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	17.1	14.0	21.0



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: 48.527 ng

RT: 11.40 min Scan# 1584

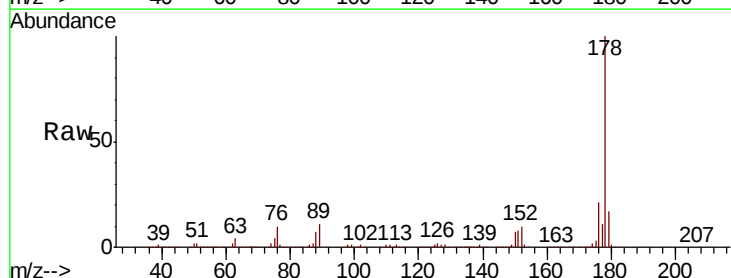
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:178 Resp: 2909442

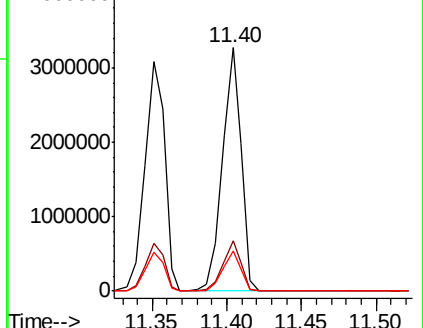
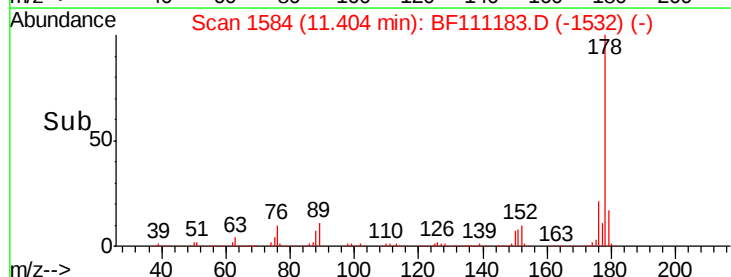
Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.3	25.9
179	16.6	13.8	20.8

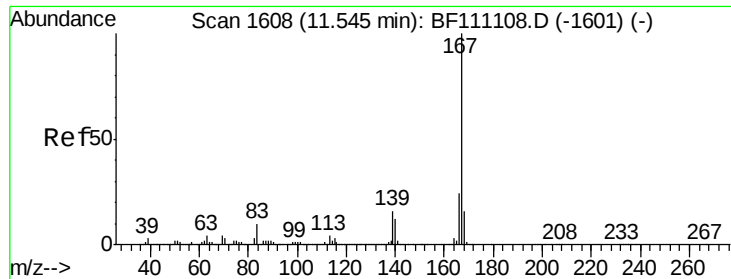


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



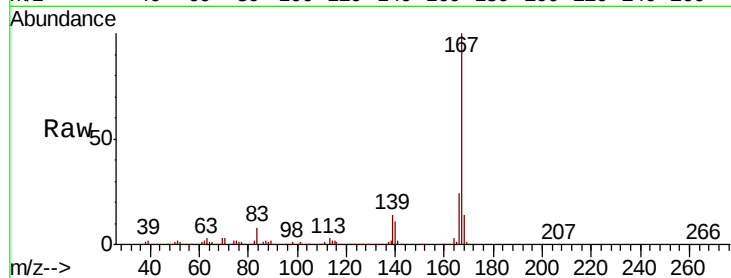


#73
 Carbazole
 Concen: 43.150 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

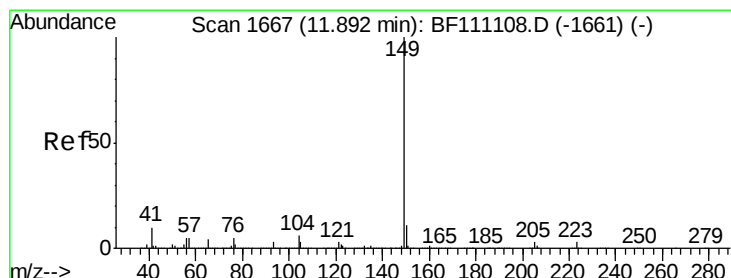
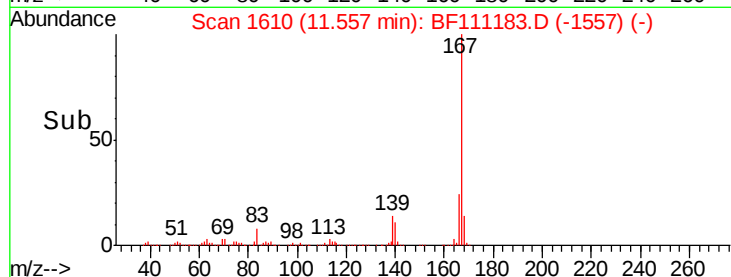
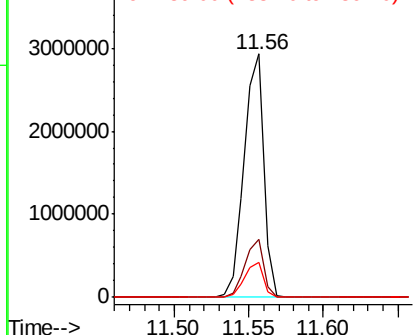
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2691913

Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.0
139	14.4	12.6	18.8



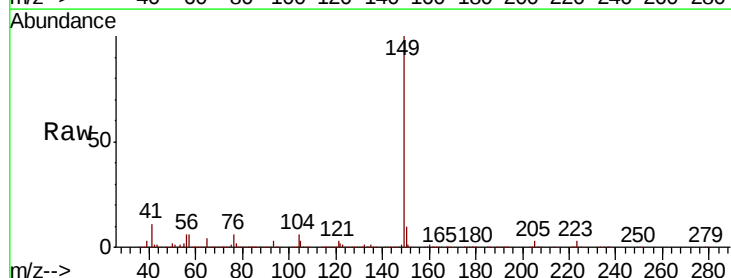
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



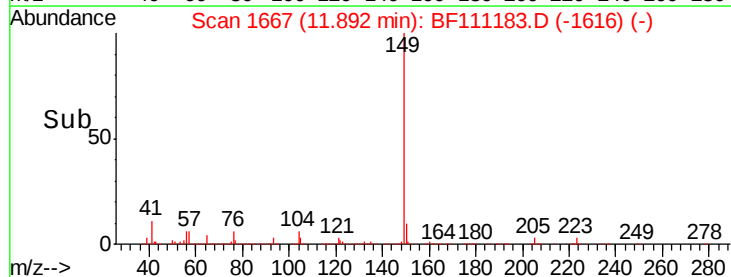
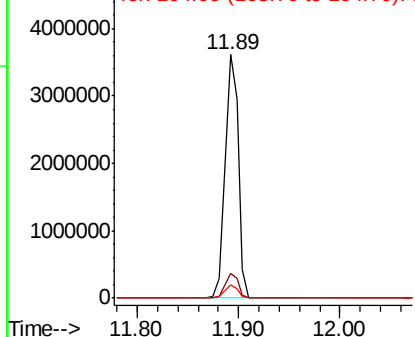
#74
 Di-n-butylphthalate
 Concen: 44.104 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

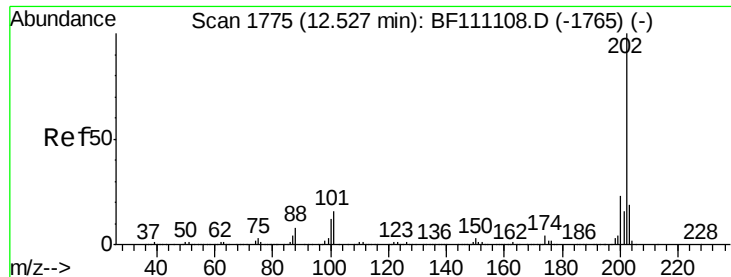
Tgt Ion:149 Resp: 3220761

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.714 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

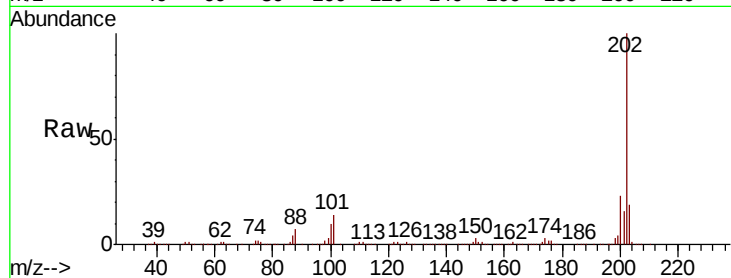
Tot Ion:202 Resp: 2777031

Ion Ratio Lower Upper

202 100

101 14.0 0.0 35.8

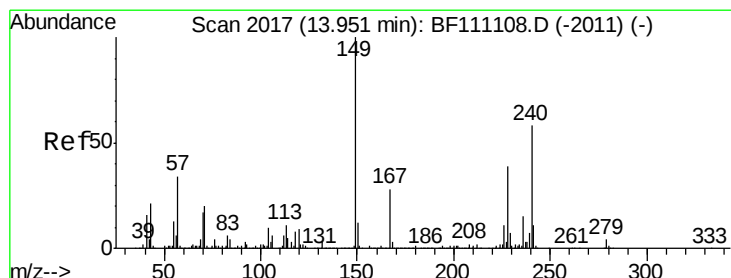
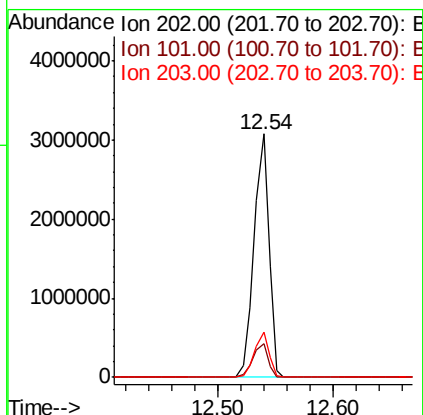
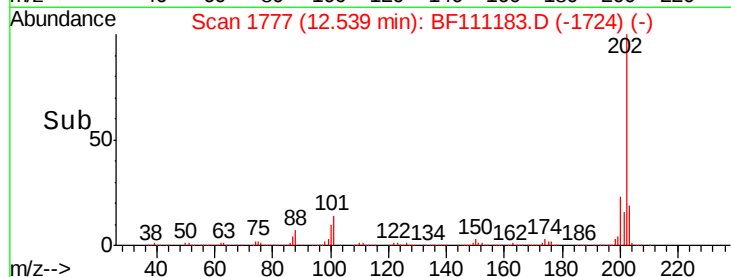
203 18.7 0.0 38.6



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: BF111183.D

Acq: 7 Dec 2018 13:32

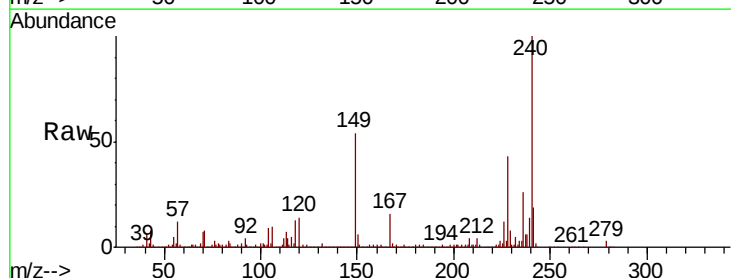
Tgt Ion:240 Resp: 775920

Ion Ratio Lower Upper

240 100

120 14.2 12.8 19.2

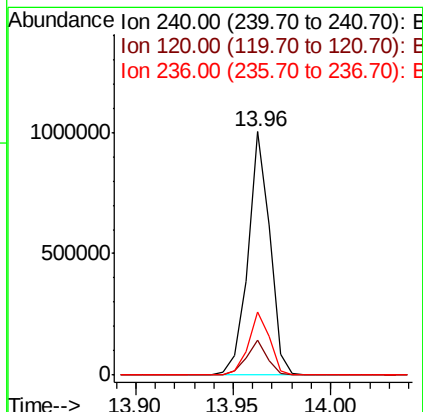
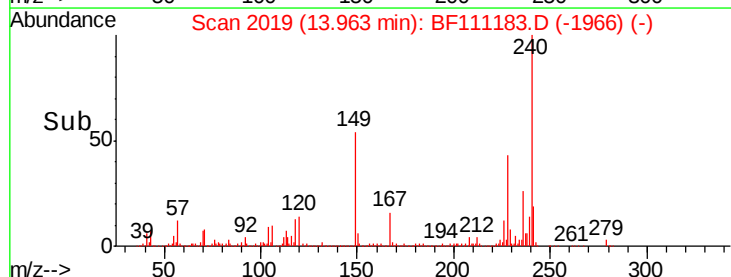
236 26.1 21.1 31.7

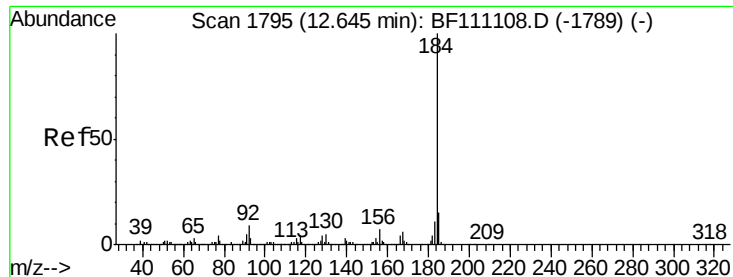


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.815 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

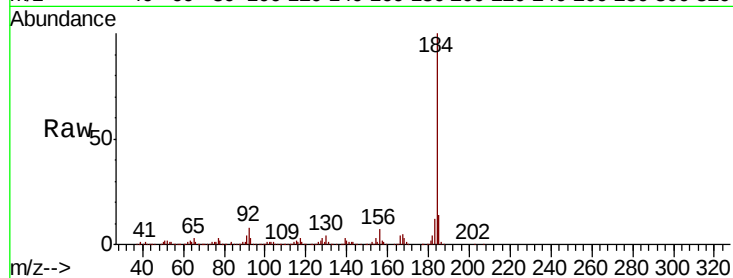
Tot Ion:184 Resp: 1314826

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.0	18.0
183	12.1	8.9	13.3

184 100

185 14.3 12.0 18.0

183 12.1 8.9 13.3

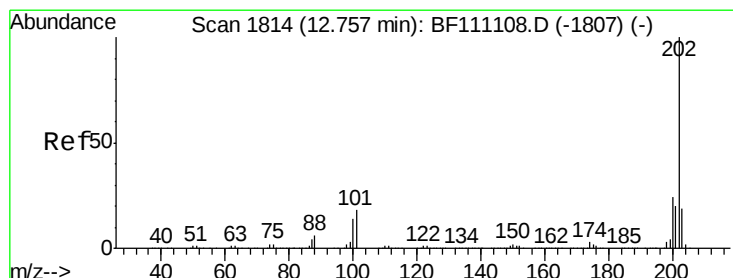
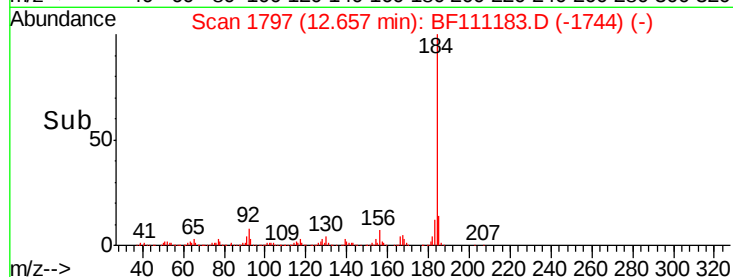
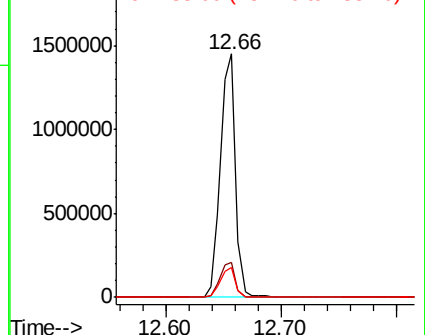


Abundance

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: 46.205 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

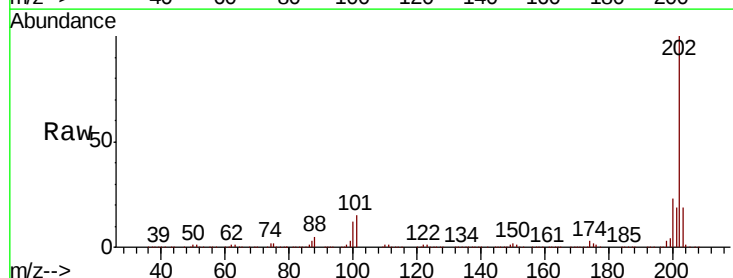
Tgt Ion:202 Resp: 2793116

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.3	28.9
203	18.7	15.4	23.2

202 100

200 23.0 19.3 28.9

203 18.7 15.4 23.2

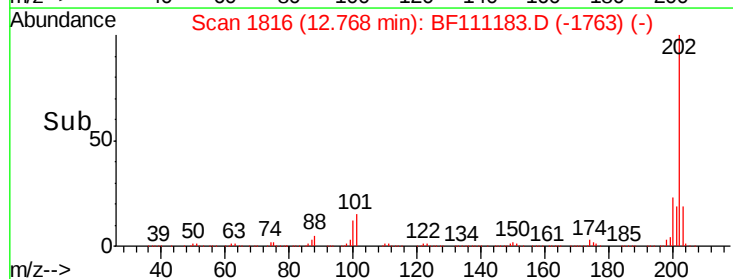
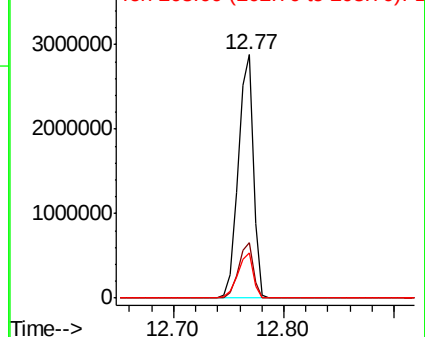


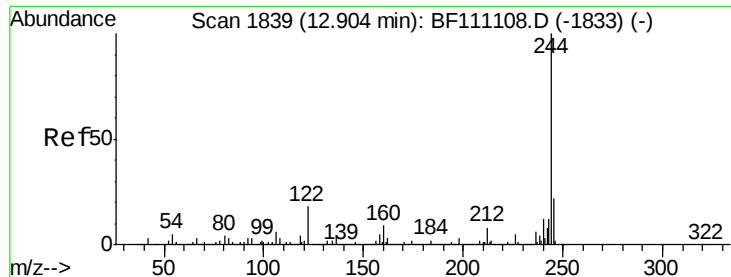
Abundance

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: 75.414 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

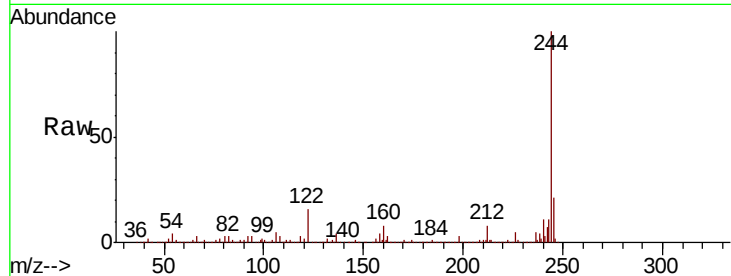
Tot Ion:244 Resp: 2857197

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

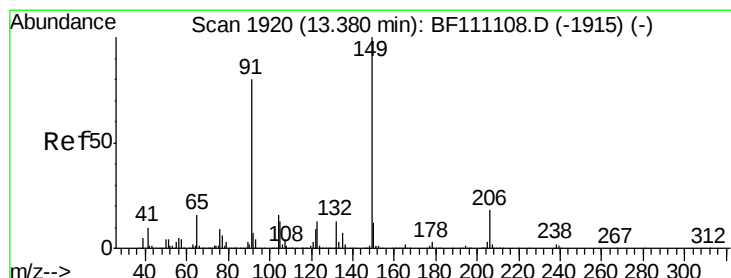
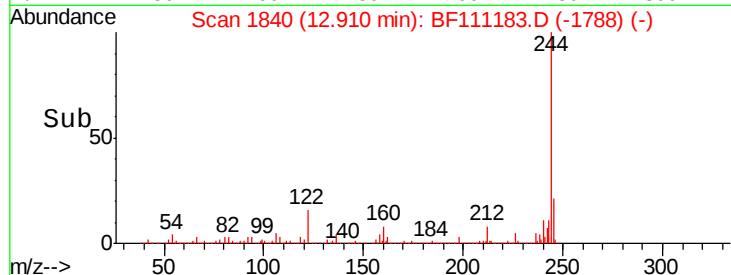
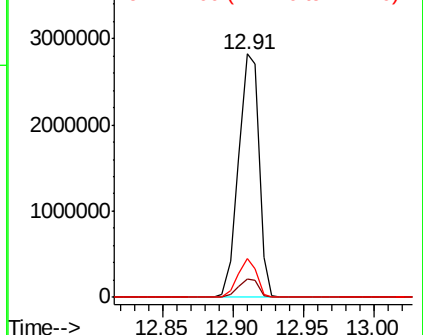
122 16.2 14.2 21.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.259 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

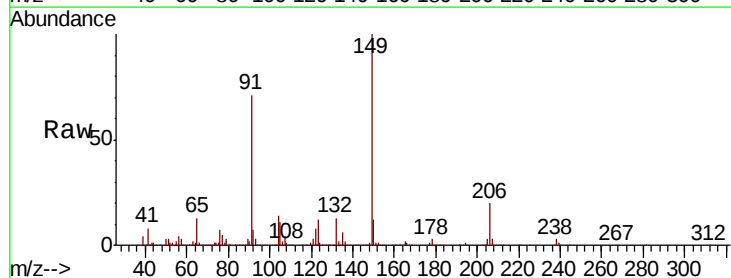
Tgt Ion:149 Resp: 1350883

Ion Ratio Lower Upper

149 100

91 71.0 64.0 96.0

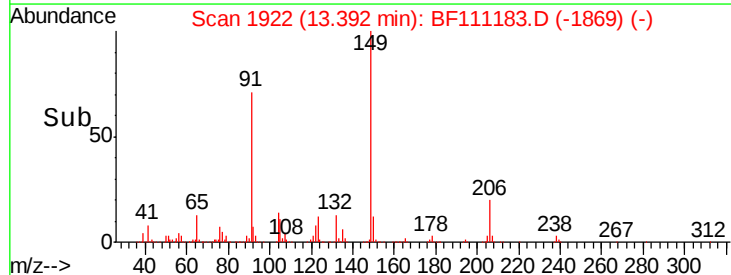
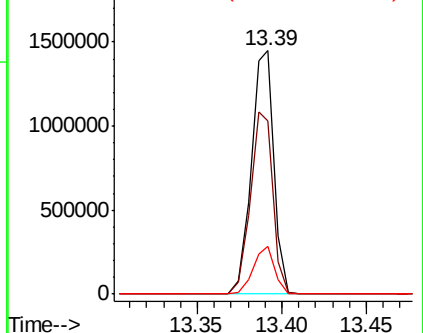
206 19.8 14.1 21.1

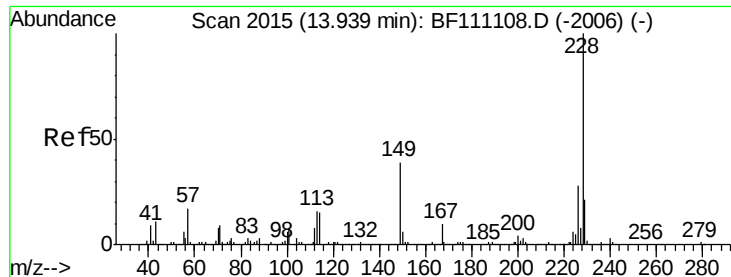


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.917 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

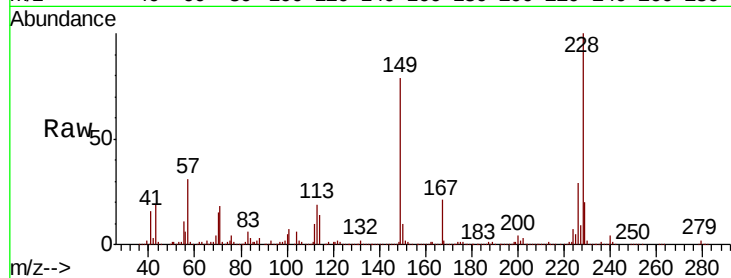
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2041979

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.2	16.7	25.1

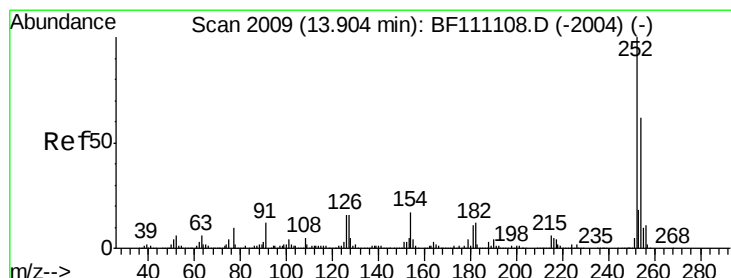
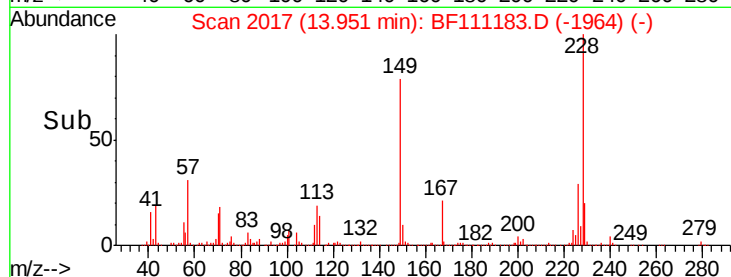
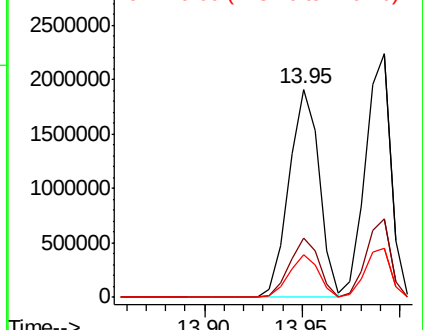


Abundance

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: 27.106 ng

RT: 13.92 min Scan# 2011

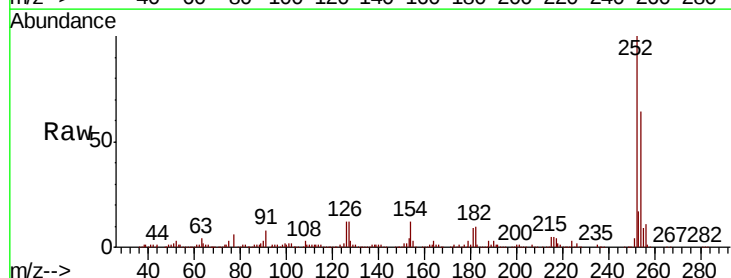
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:252 Resp: 465047

Ion	Ratio	Lower	Upper
252	100		
254	64.4	49.8	74.8
126	11.7	12.9	19.3

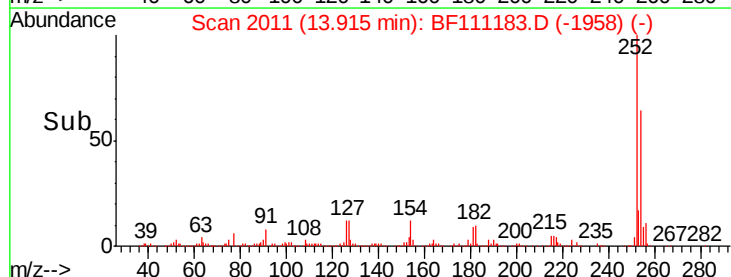
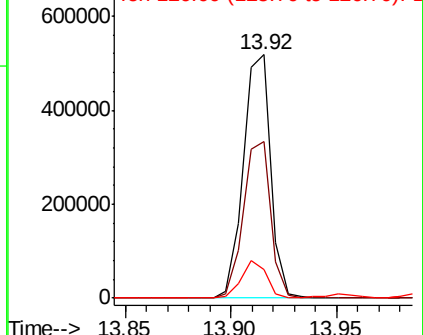


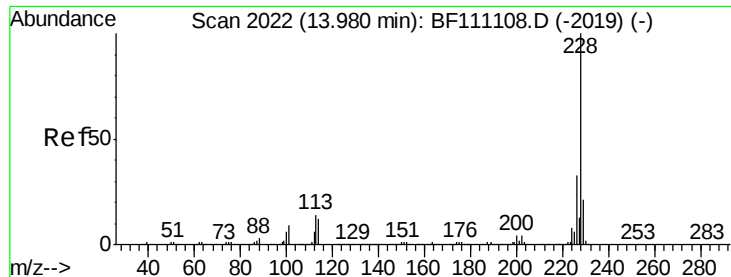
Abundance

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

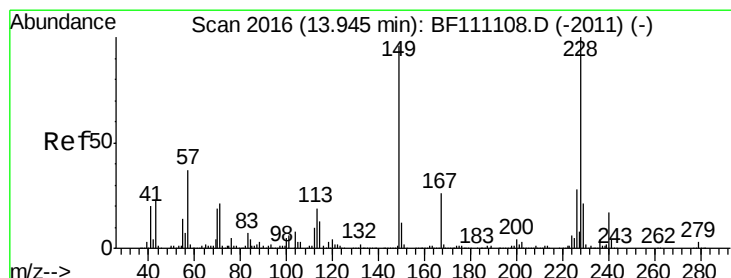
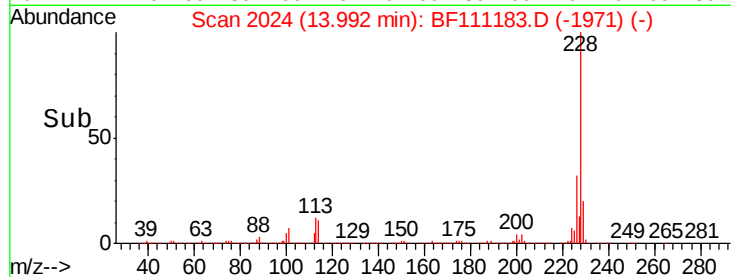
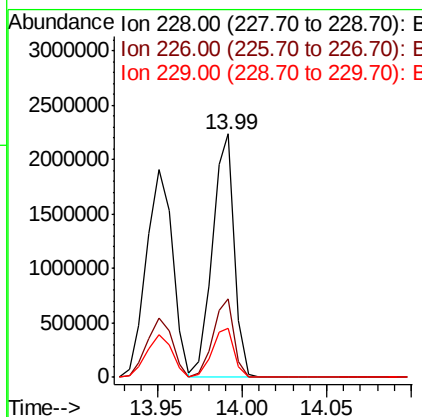
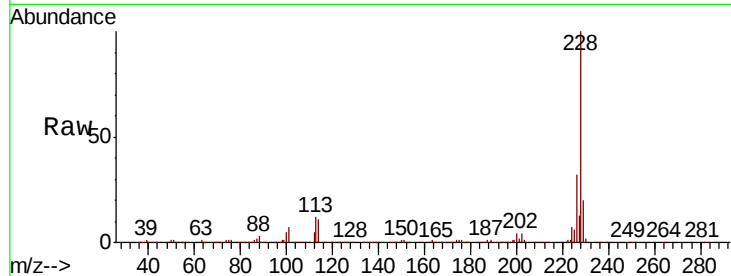




#83
 Chrvsene
 Concen: 44.855 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

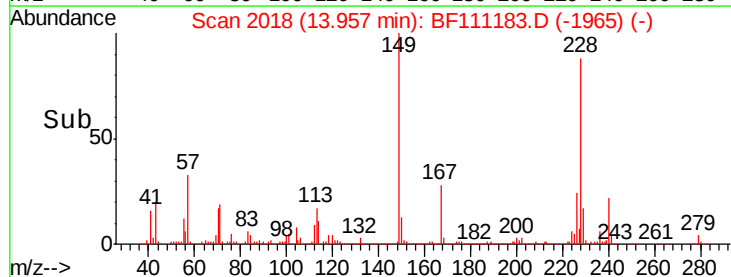
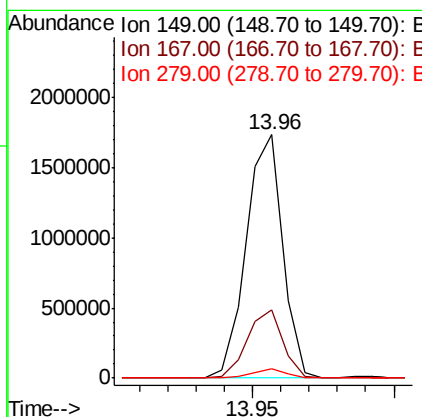
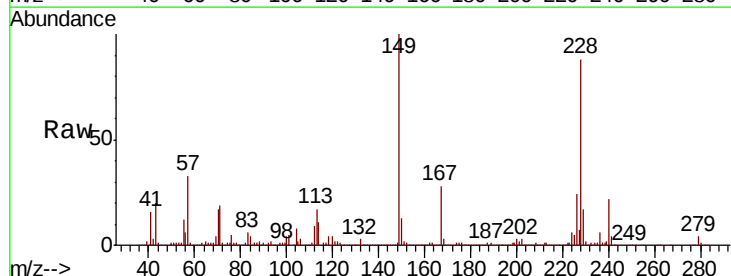
Instrument :
 BNA_F
 ClientSampleId :

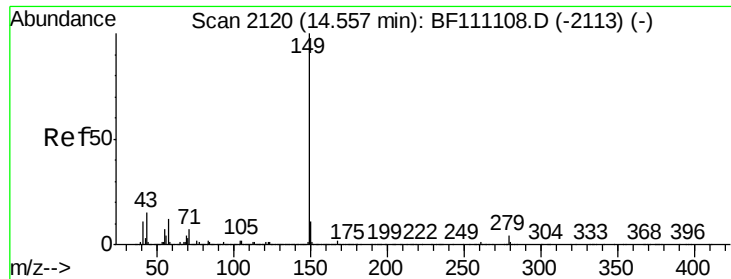
Tot Ion:228 Resp: 2024349
 Ion Ratio Lower Upper
 228 100
 226 32.1 26.2 39.2
 229 20.3 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.062 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion:149 Resp: 1554197
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.6 32.4
 279 3.8 2.3 3.5#

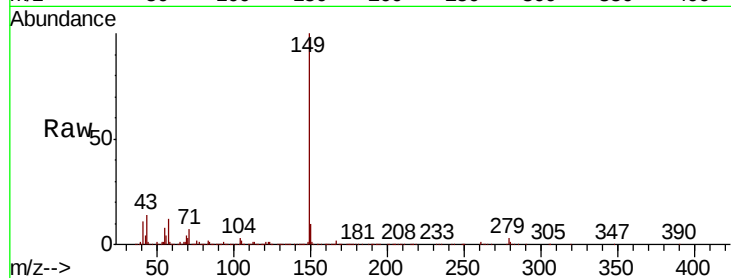




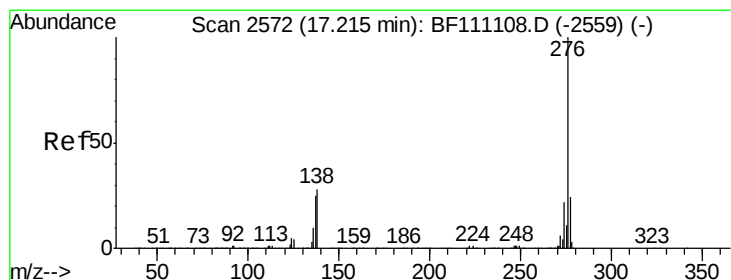
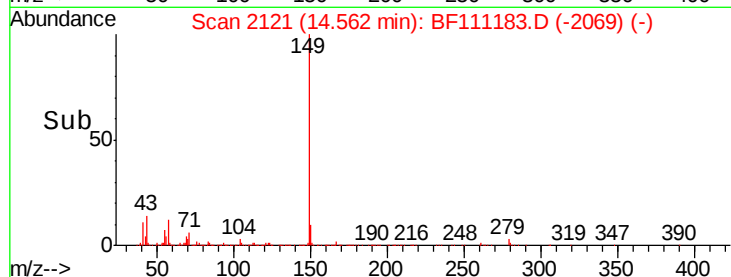
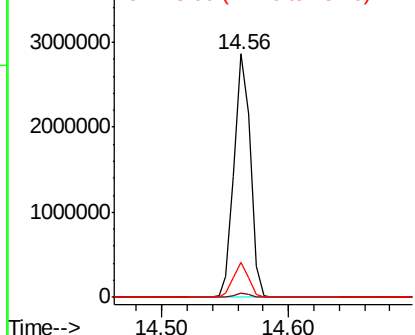
#85
Di-n-octyl phthalate
Concen: 45.268 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2510131
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.4 11.9 17.9

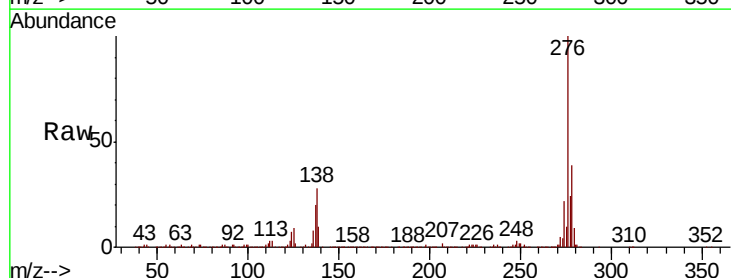


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

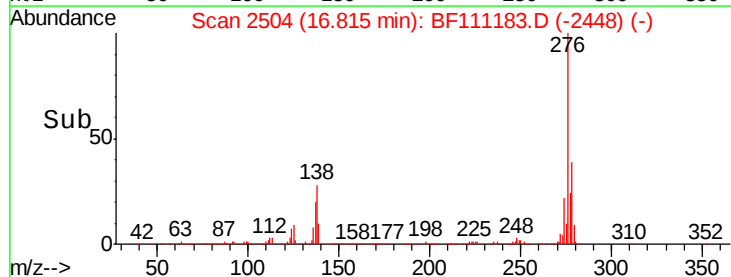
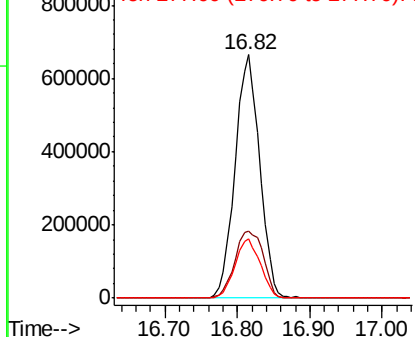


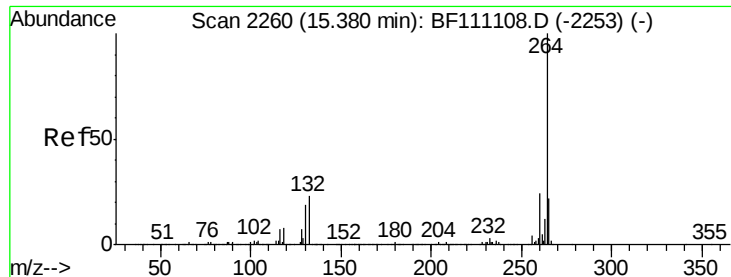
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.250 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:276 Resp: 1567205
Ion Ratio Lower Upper
276 100
138 32.0 20.2 30.4#
277 25.1 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# 2263

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

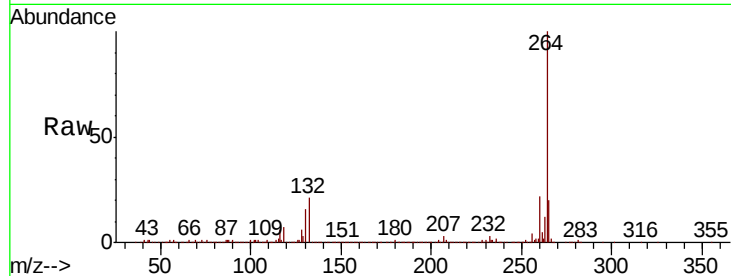
Tot Ion:264 Resp: 586854

Ion Ratio Lower Upper

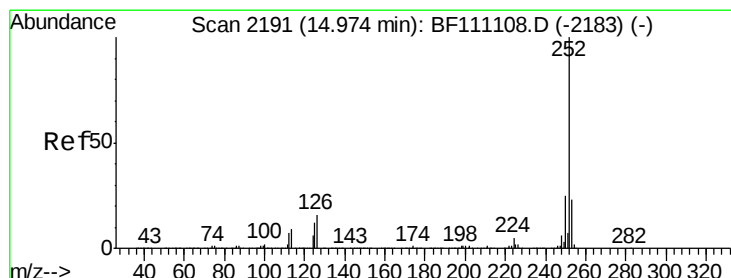
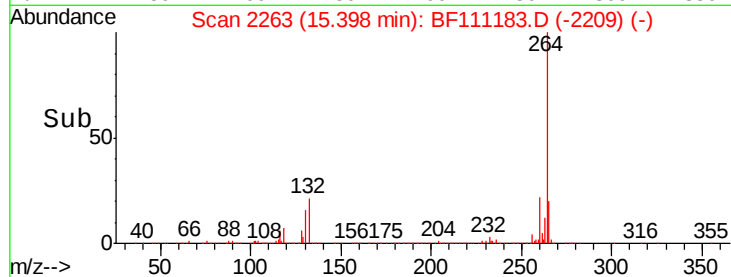
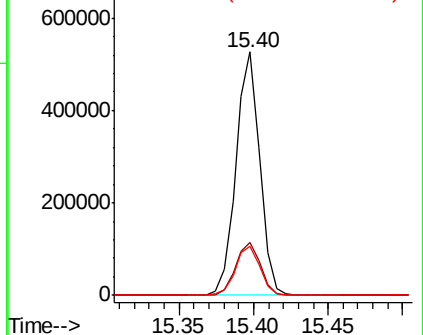
264 100

260 21.8 19.4 29.0

265 20.3 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: 49.378 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

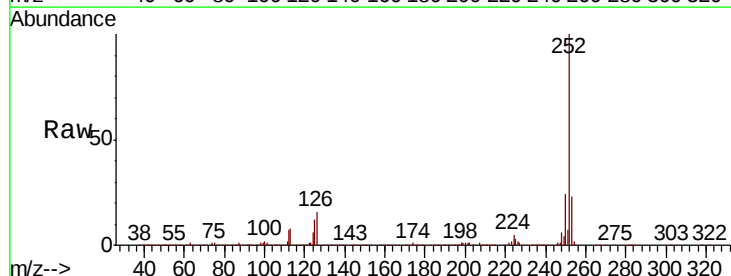
Tgt Ion:252 Resp: 1642011

Ion Ratio Lower Upper

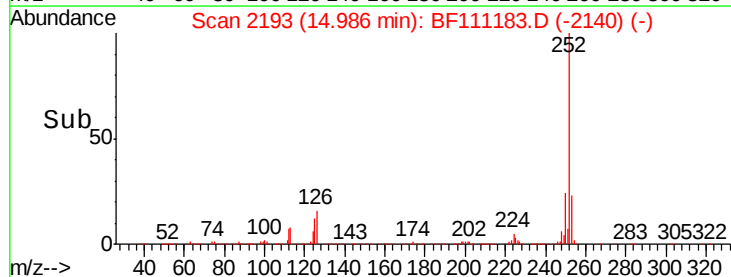
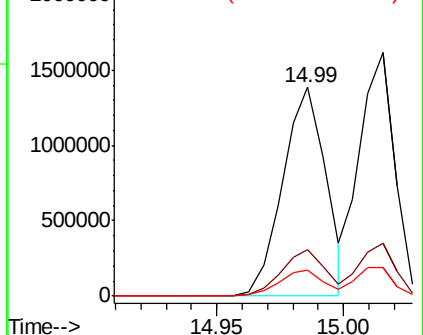
252 100

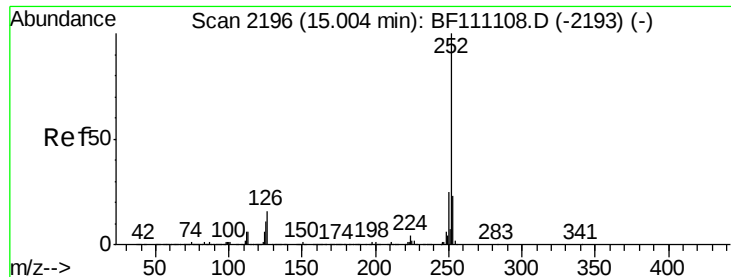
253 22.6 18.5 27.7

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: 48.810 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

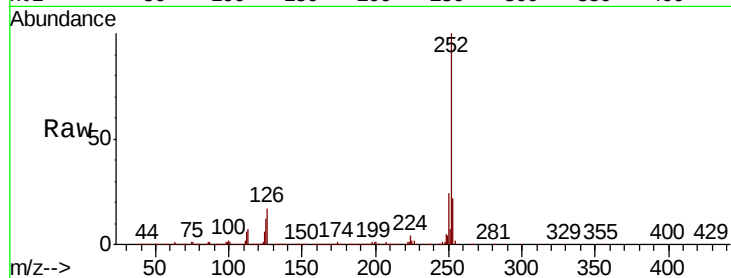
Tot Ion:252 Resp: 1569103

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

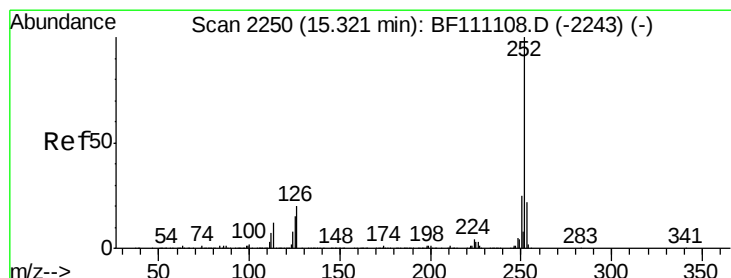
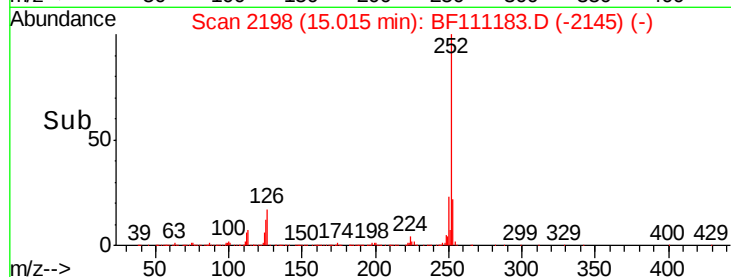
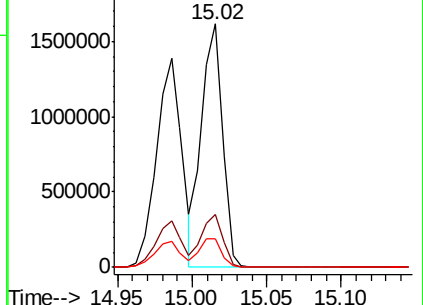
125 11.6 9.9 14.9



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: 48.284 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

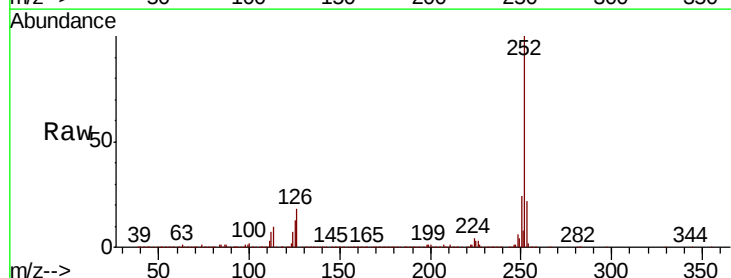
Tgt Ion:252 Resp: 1472748

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

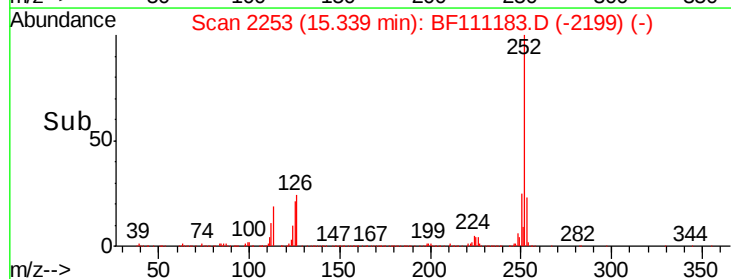
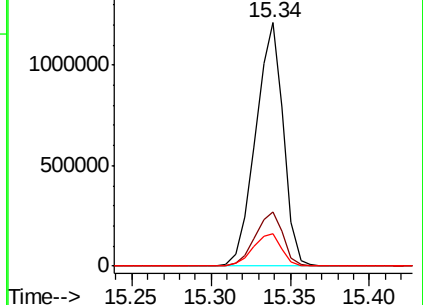
125 13.4 12.4 18.6

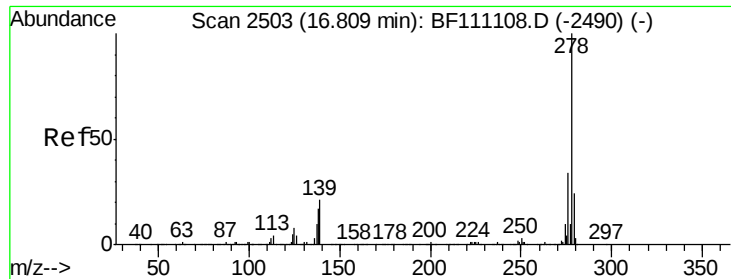


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.050 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

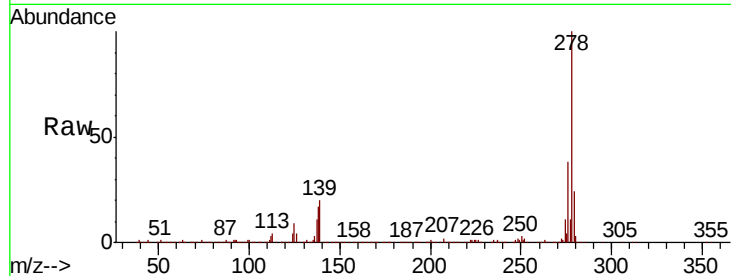
Tot Ion:278 Resp: 1306684

Ion Ratio Lower Upper

278 100

139 19.7 16.6 25.0

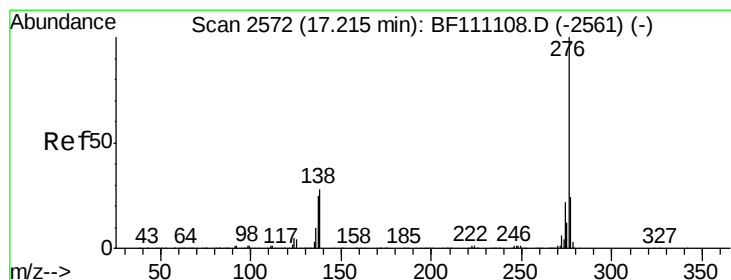
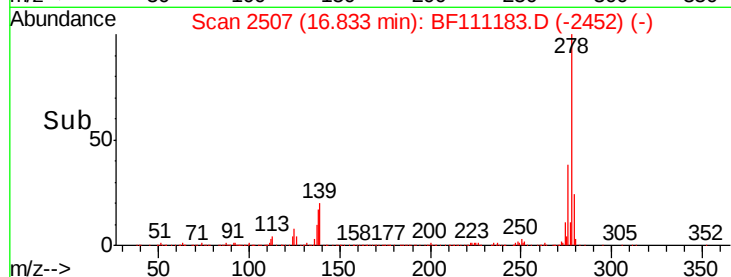
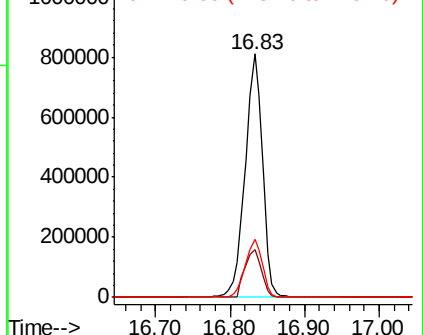
279 23.8 18.8 28.2



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: 52.266 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

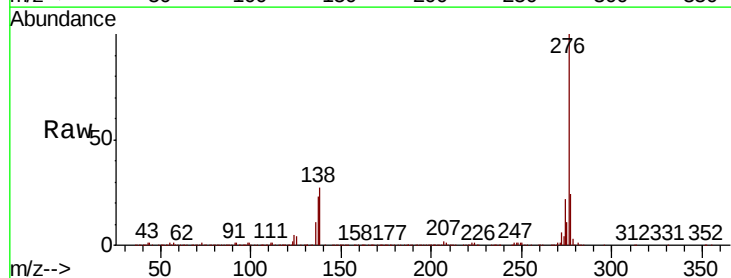
Tgt Ion:276 Resp: 1344381

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 27.0 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

