

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108990.D
 Acq On : 14 Sep 2018 12:19
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 13:02:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 12:24:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148354	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	586482	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	285773	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	548101	20.00	ng	0.00
75) Chrysene-d12	13.87	240	324937	20.00	ng	0.00
86) Perylene-d12	15.26	264	319608	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1275417	142.43	ng	0.00
7) Phenol-d6	6.37	99	1628034	141.30	ng	0.01
23) Nitrobenzene-d5	7.30	82	1535853	163.88	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	439275	161.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2450723	146.30	ng	0.00
78) Terphenyl-d14	12.82	244	2108119	151.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	317858	73.858	ng	92
3) Pyridine	3.09	79	904733	76.763	ng	91
4) n-Nitrosodimethylamine	3.05	42	341853	75.517	ng	# 94
6) Aniline	6.40	93	1046881	67.555	ng	99
8) 2-Chlorophenol	6.51	128	701167	70.739	ng	100
9) Benzaldehyde	6.27	77	469833	57.479	ng	99
10) Phenol	6.38	94	904332	68.526	ng	74
11) bis(2-Chloroethyl)ether	6.47	93	739842	69.983	ng	95
12) 1,3-Dichlorobenzene	6.67	146	809479	71.565	ng	97
13) 1,4-Dichlorobenzene	6.74	146	810624	71.664	ng	99
14) 1,2-Dichlorobenzene	6.90	146	723178	69.362	ng	99
15) Benzyl Alcohol	6.87	79	619538	70.065	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1052908	66.628	ng	94
17) 2-Methylphenol	6.99	107	593042	70.797	ng	96
18) Hexachloroethane	7.24	117	303419	74.393	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	551427	68.851	ng	97
20) 3+4-Methylphenols	7.15	107	647125	65.949	ng	# 73
22) Acetophenone	7.14	105	925602	69.540	ng	# 90
24) Nitrobenzene	7.31	77	786062	78.173	ng	98
25) Isophorone	7.56	82	1356434	72.563	ng	98
26) 2-Nitrophenol	7.62	139	392227	99.009	ng	97
27) 2,4-Dimethylphenol	7.67	122	582137	72.363	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	877552	70.215	ng	99
29) 2,4-Dichlorophenol	7.87	162	621761	74.955	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	647379	72.013	ng	97
31) Naphthalene	8.03	128	1867949	70.793	ng	98
32) Benzoic acid	7.83	122	502975	102.109	ng	98
33) 4-Chloroaniline	8.08	127	832750	68.718	ng	97
34) Hexachlorobutadiene	8.15	225	393866	73.340	ng	98
35) Caprolactam	8.48	113	166134	59.104	ng	# 87
36) 4-Chloro-3-methylphenol	8.57	107	647438	73.267	ng	99
37) 2-Methylnaphthalene	8.72	142	1215074	69.705	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	610973	71.521	ng	98
40) Hexachlorocyclopentadiene	8.88	237	359451	83.640	ng	96

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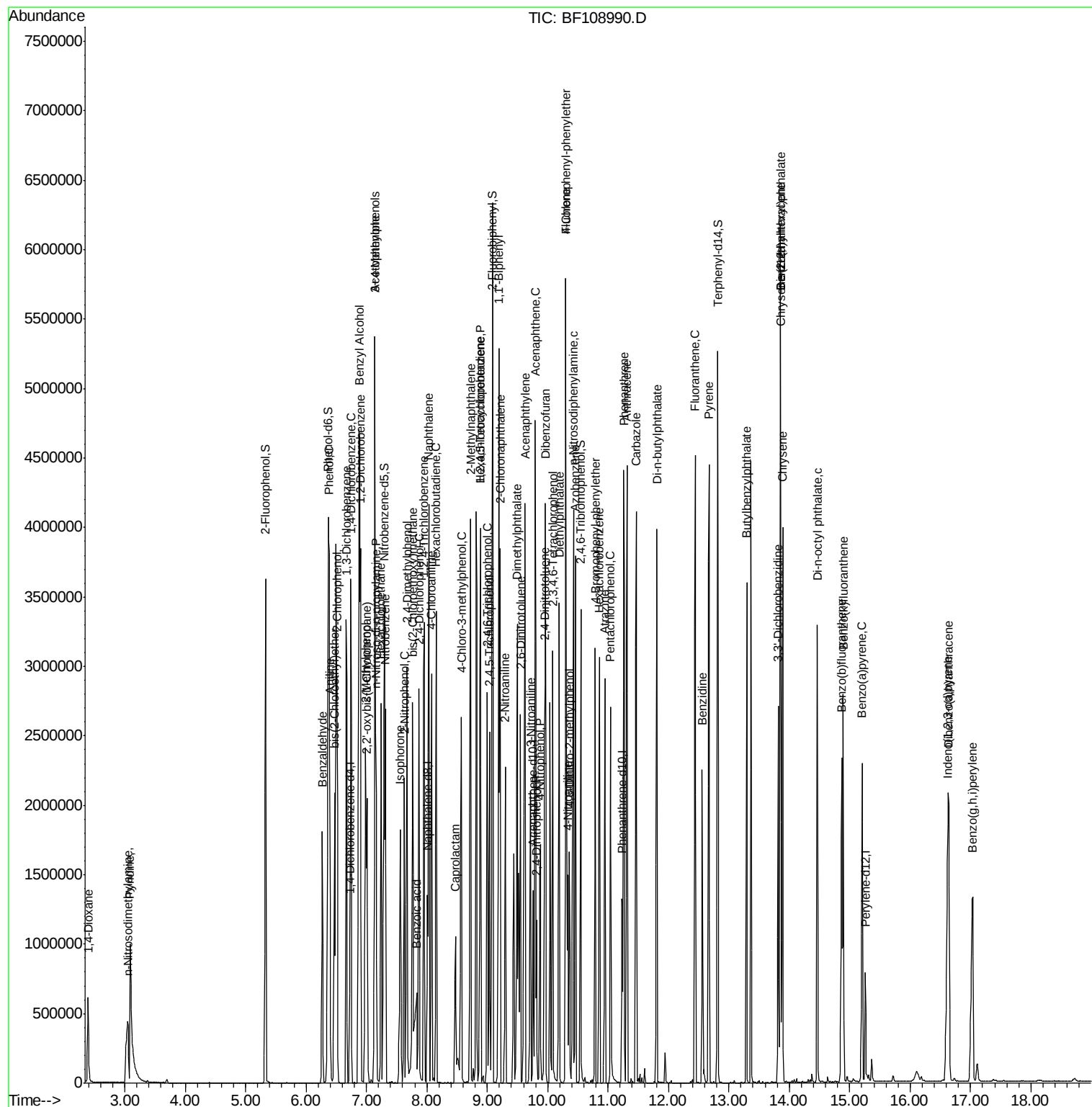
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	445060	76.489	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	470106	77.943	nq	94
45) 1,1'-Biphenyl	9.19	154	1502539	68.295	nq	99
46) 2-Chloronaphthalene	9.21	162	1248897	70.190	nq	98
47) 2-Nitroaniline	9.30	65	419181	86.237	nq	95
48) Acenaphthylene	9.62	152	1853607	69.890	nq	98
49) Dimethylphthalate	9.50	163	1434928	71.790	nq	99
50) 2,6-Dinitrotoluene	9.55	165	338815	88.959	nq	98
51) Acenaphthene	9.80	154	1190773	72.554	nq	99
52) 3-Nitroaniline	9.72	138	389860	85.991	nq	99
53) 2,4-Dinitrophenol	9.82	184	151189	136.492	nq #	18
54) Dibenzofuran	9.97	168	1635996	68.383	nq	95
55) 4-Nitrophenol	9.88	139	305892	90.251	nq	99
56) 2,4-Dinitrotoluene	9.95	165	441802	90.705	nq #	96
57) Fluorene	10.31	166	1123932	73.207	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	382294	78.598	nq	88
59) Diethylphthalate	10.19	149	1434770	69.558	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	589989	71.955	nq	94
61) 4-Nitroaniline	10.34	138	380903	92.741	nq	97
62) Azobenzene	10.46	77	1448329	68.024	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	220870	114.340	nq	89
65) n-Nitrosodiphenylamine	10.42	169	1254282	68.829	nq	95
66) 4-Bromophenyl-phenylether	10.79	248	436001	70.430	nq #	86
67) Hexachlorobenzene	10.85	284	468760	70.934	nq	92
68) Atrazine	10.95	200	409518	70.198	nq	97
69) Pentachlorophenol	11.04	266	341828	84.606	nq	98
70) Phenanthrene	11.26	178	1813663	69.292	nq	99
71) Anthracene	11.31	178	1830988	73.063	nq	97
72) Carbazole	11.47	167	1824897	69.146	nq	99
73) Di-n-butylphthalate	11.81	149	2076945	70.866	nq	99
74) Fluoranthene	12.44	202	1870096	72.163	nq	98
76) Benzidine	12.56	184	780951	50.709	nq	96
77) Pyrene	12.67	202	1922030	76.871	nq	98
79) Butylbenzylphthalate	13.30	149	882858	78.408	nq	98
80) Benzo(a)anthracene	13.85	228	1450917	69.664	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	562984	69.380	nq #	98
82) Chrysene	13.89	228	1473871	73.100	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	998656	70.576	nq	98
84) Di-n-octyl phthalate	14.47	149	1677692	71.116	nq	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1387778	77.775	nq	94
87) Benzo(b)fluoranthene	14.87	252	1355805	78.015	nq	98
88) Benzo(k)fluoranthene	14.89	252	1109406	69.319	nq	99
89) Benzo(a)pyrene	15.21	252	1147314	73.165	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	1106854	80.105	nq	95
91) Benzo(g,h,i)perylene	17.04	276	1183865	85.571	nq #	92

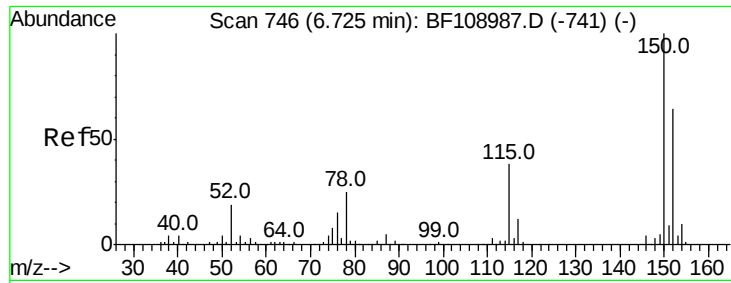
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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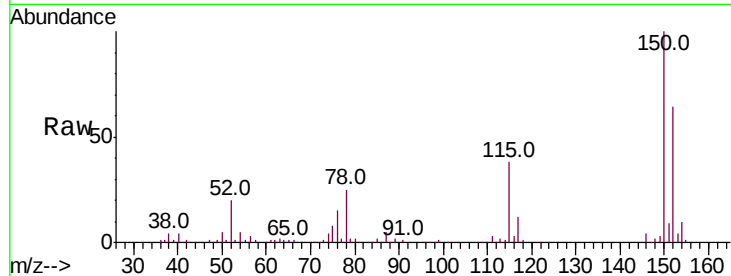


#1

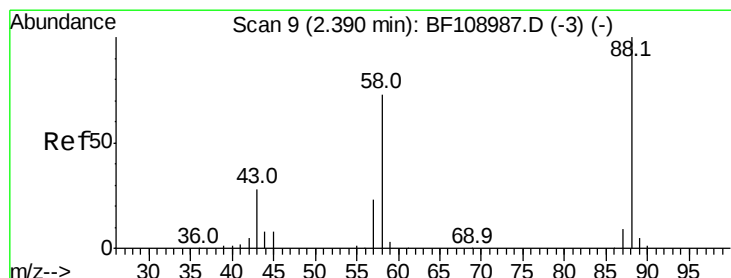
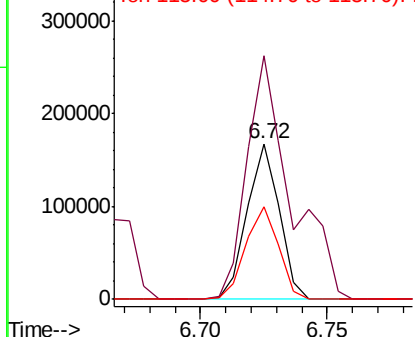
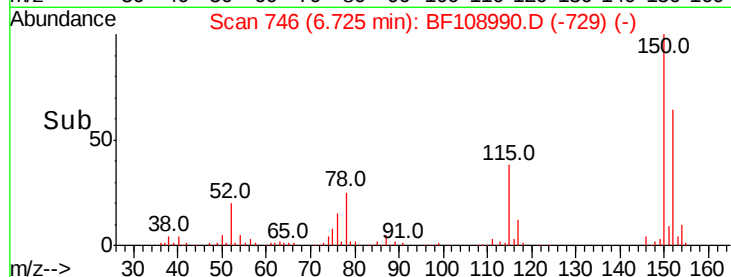
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 148354
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 59.5 50.1 75.1



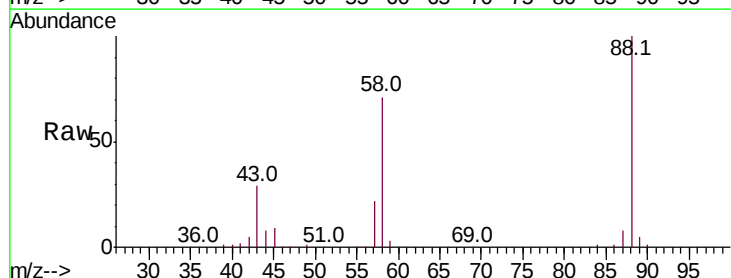
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



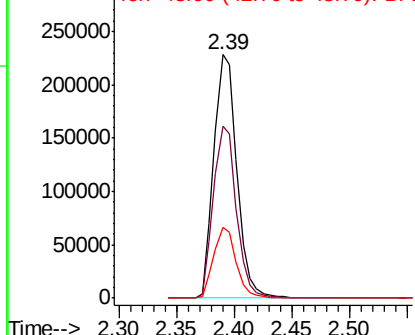
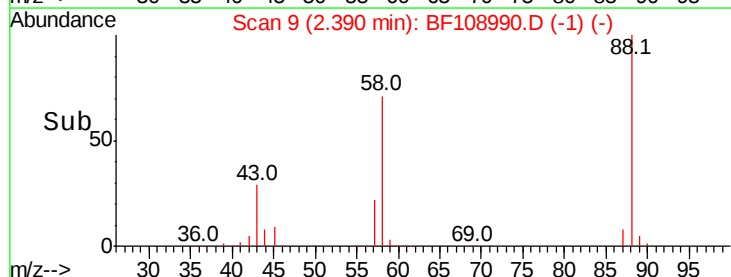
#2

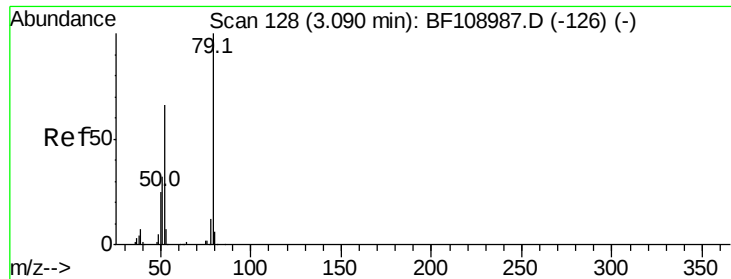
1,4-Dioxane
 Concen: 73.858 ng
 RT: 2.39 min Scan# 9
 Delta R.T. 0.00 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion: 88 Resp: 317858
 Ion Ratio Lower Upper
 88 100
 58 70.4 62.6 93.8
 43 28.5 24.6 37.0



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: 76.763 ng

RT: 3.09 min Scan# 128

Delta R.T. 0.00 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

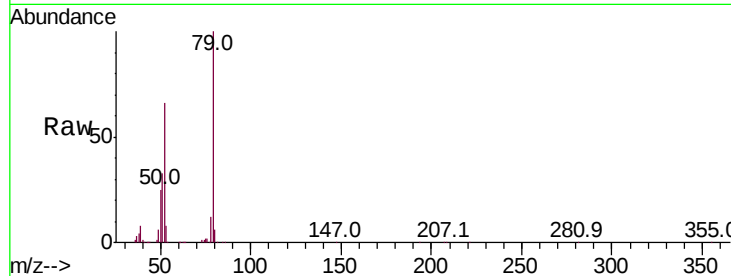
Tot Ion: 79 Resp: 904733

Ion Ratio Lower Upper

79 100

52 66.1 59.8 89.6

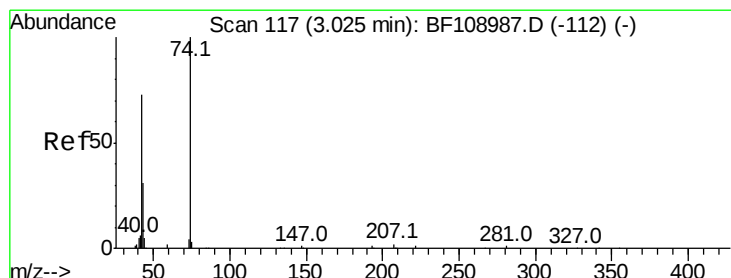
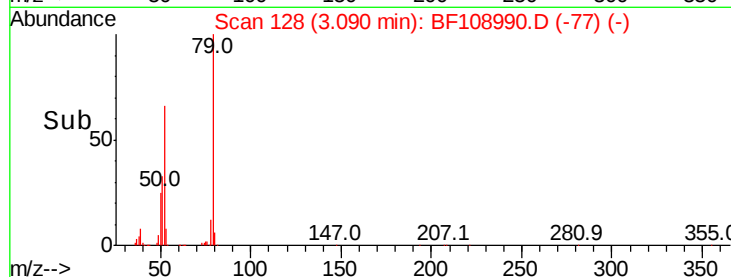
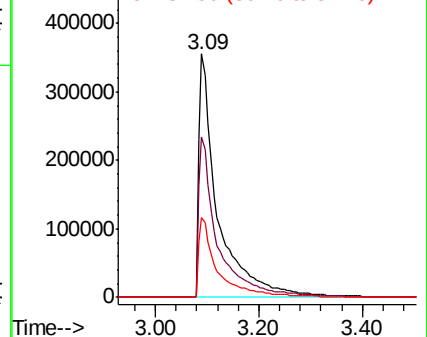
51 32.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 75.517 ng

RT: 3.05 min Scan# 121

Delta R.T. 0.02 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

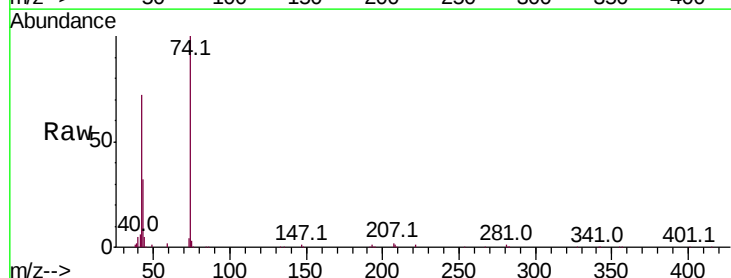
Tgt Ion: 42 Resp: 341853

Ion Ratio Lower Upper

42 100

74 137.9 104.9 157.3

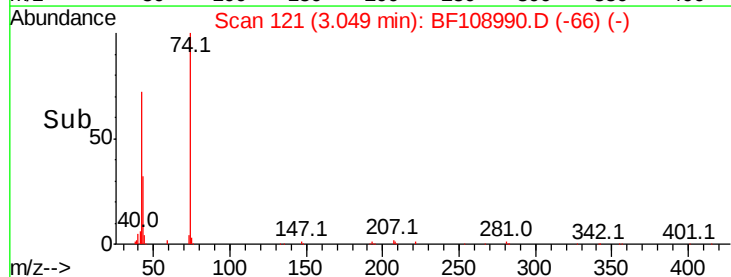
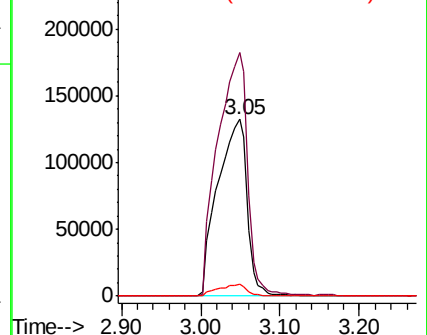
44 6.5 6.9 10.3#

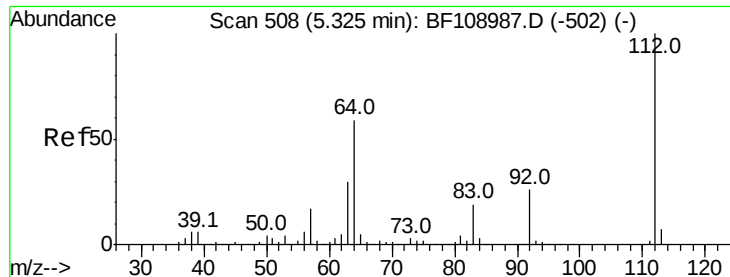


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 142.426 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampled :

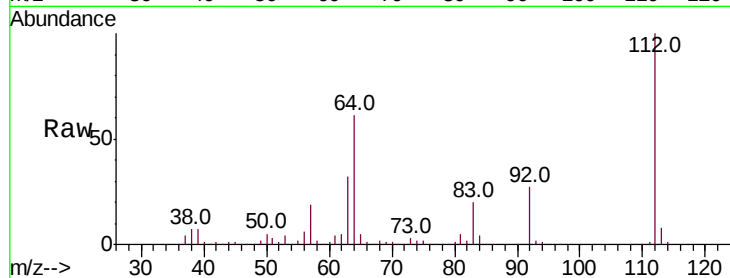
Tot Ion:112 Resp: 1275417

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

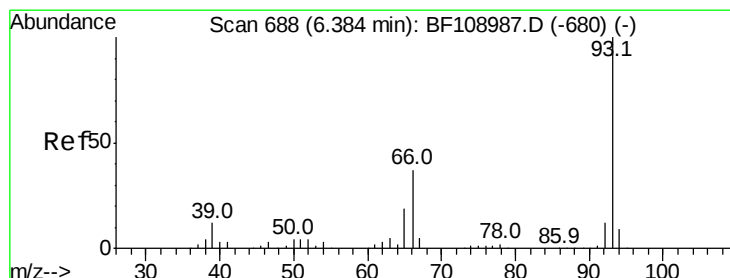
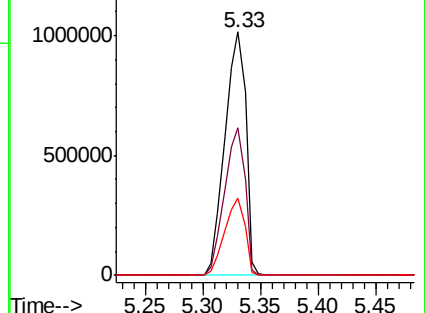
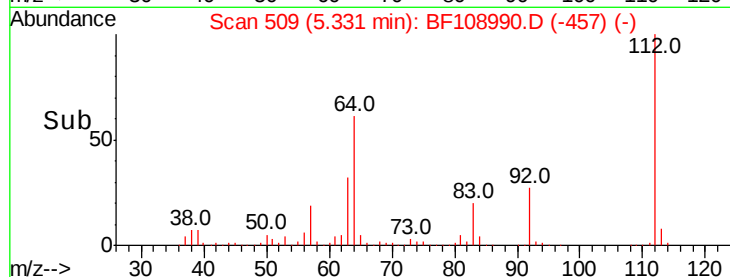
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 67.555 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

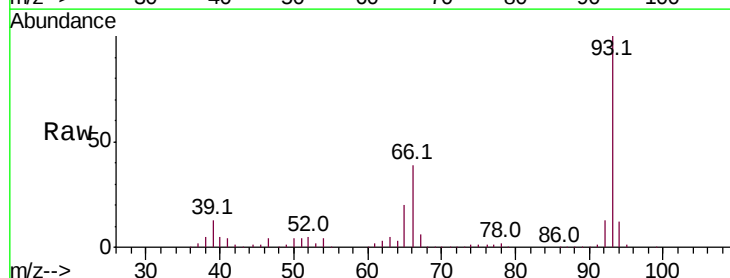
Tgt Ion: 93 Resp: 1046881

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

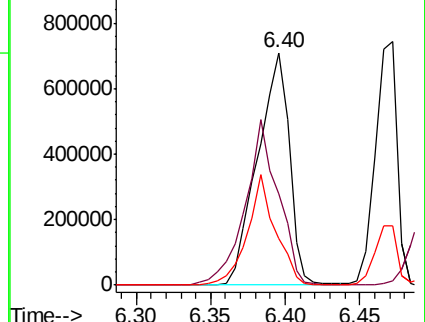
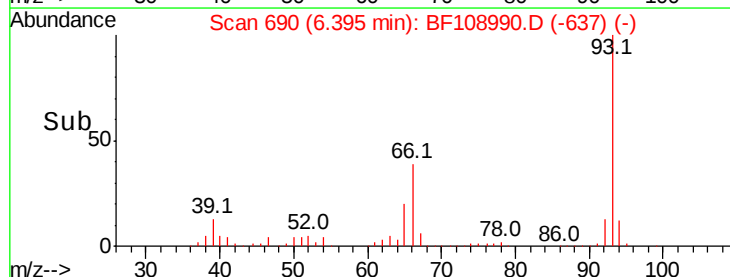
65 20.1 16.4 24.6

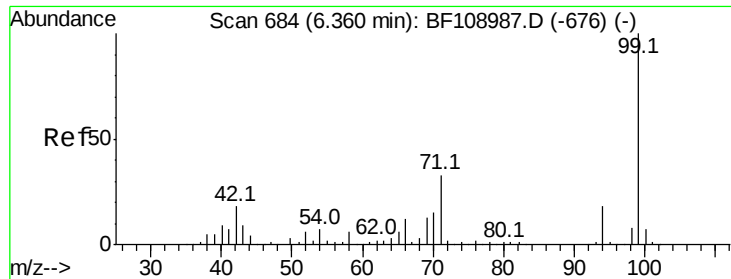


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 141.298 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

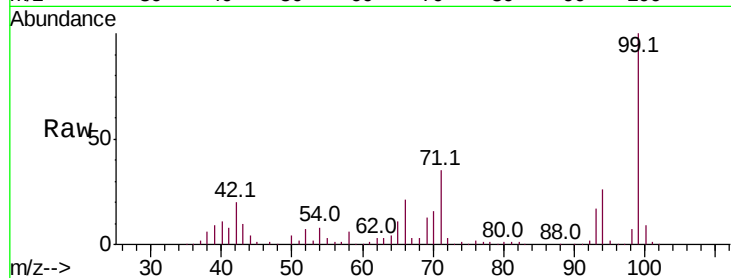
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1628034

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.8	25.4	38.0

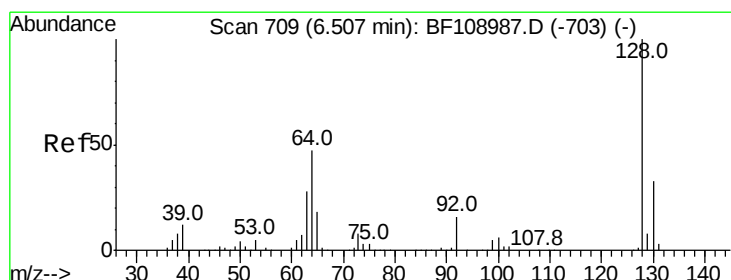
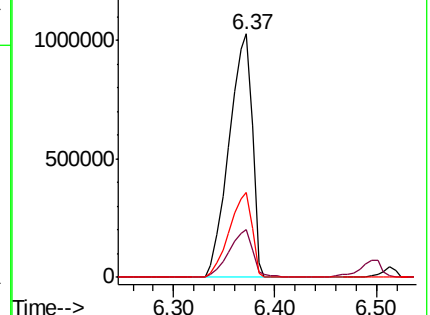
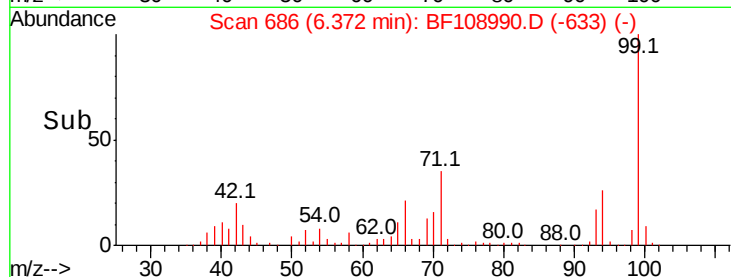


Abundance

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: 70.739 ng

RT: 6.51 min Scan# 710

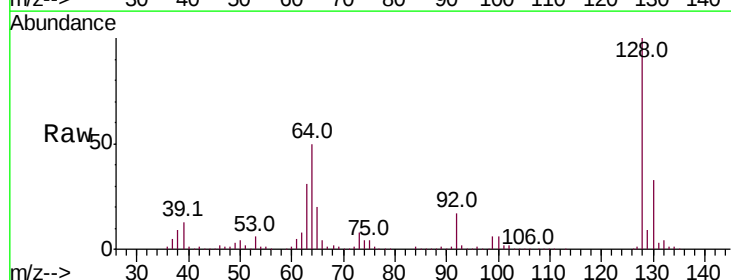
Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Tgt Ion: 128 Resp: 701167

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	49.9	29.4	69.4

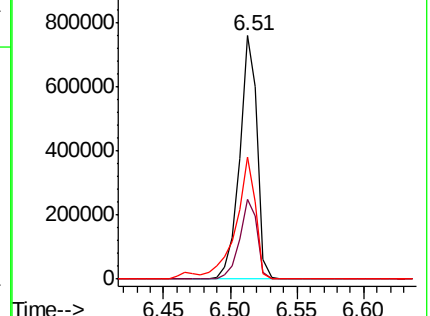
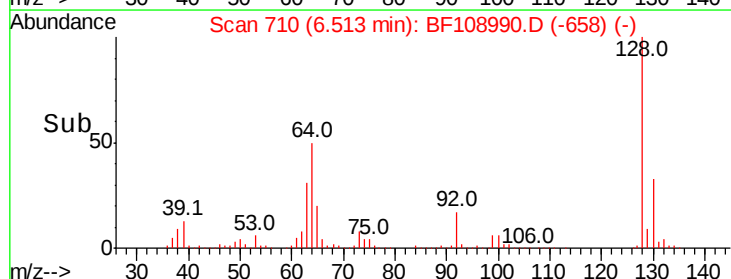


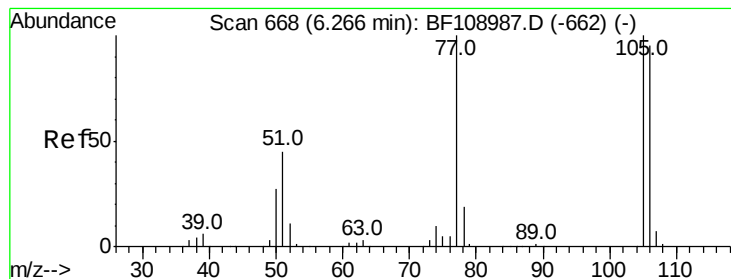
Abundance

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: 57.479 ng

RT: 6.27 min Scan# 669

Delta R.T. 0.01 min

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ClientSampled :

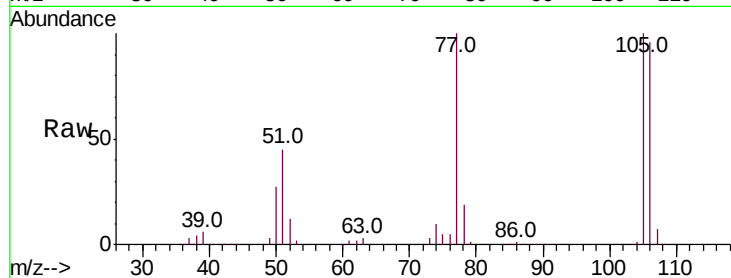
Tot Ion: 77 Resp: 469833

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

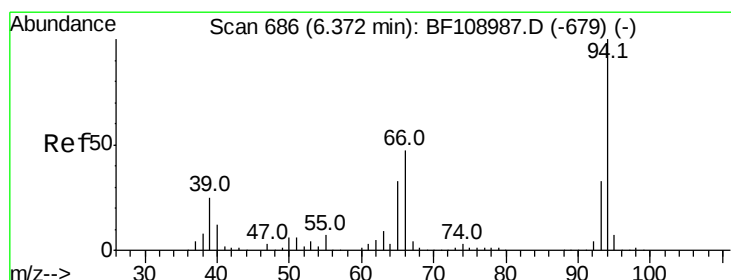
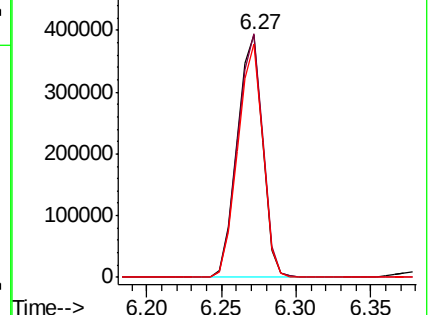
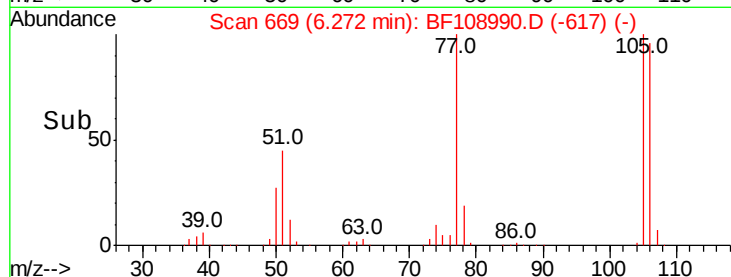
106 96.1 74.5 114.5



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: 68.526 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

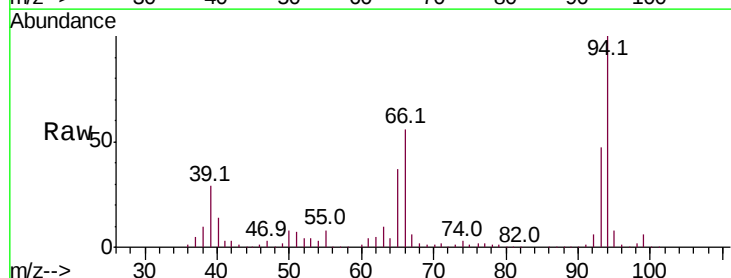
Tgt Ion: 94 Resp: 904332

Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

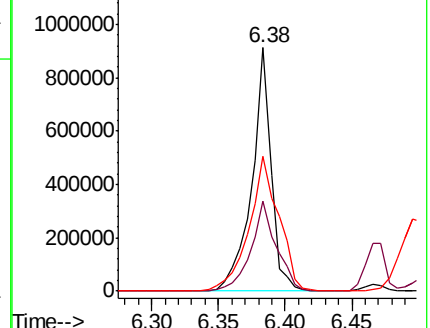
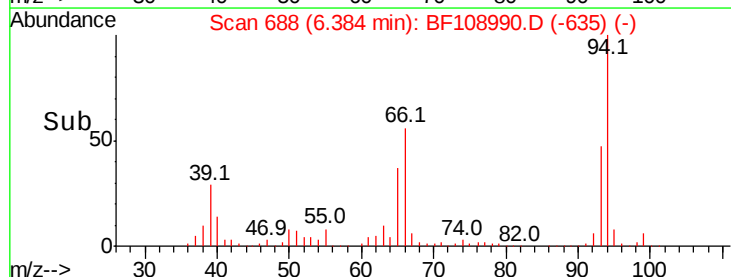
66 55.5 16.2 56.2

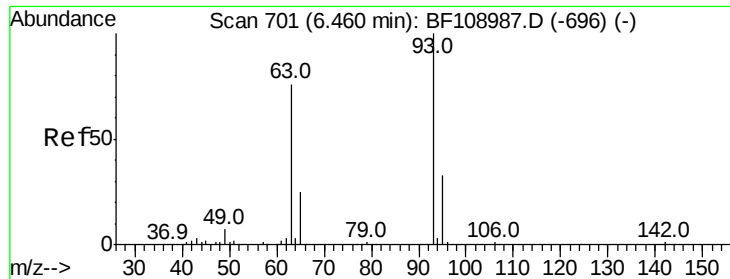


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

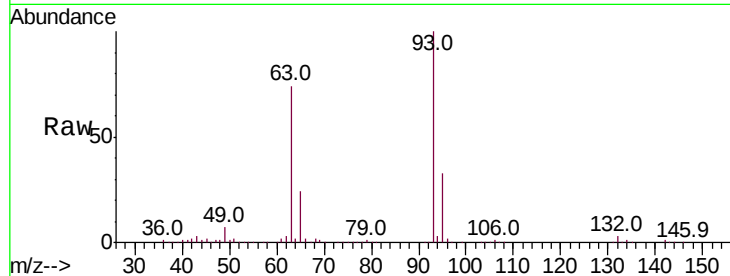




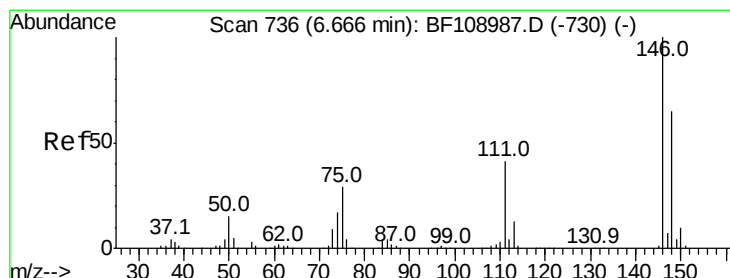
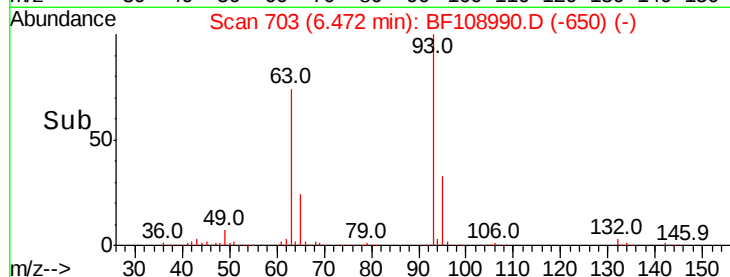
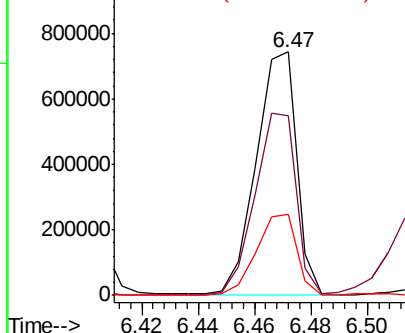
#11
bis(2-Chloroethyl)ether
Concen: 69.983 ng
RT: 6.47 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	58.6	98.6
95	33.3	11.8	51.8

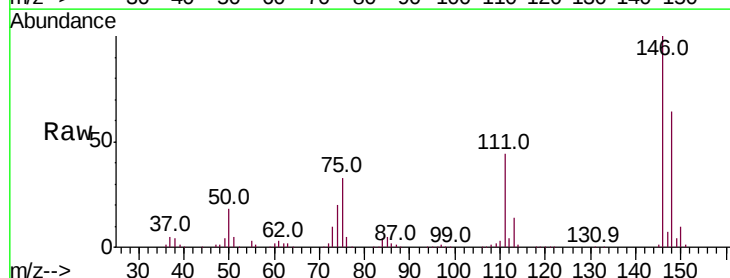


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

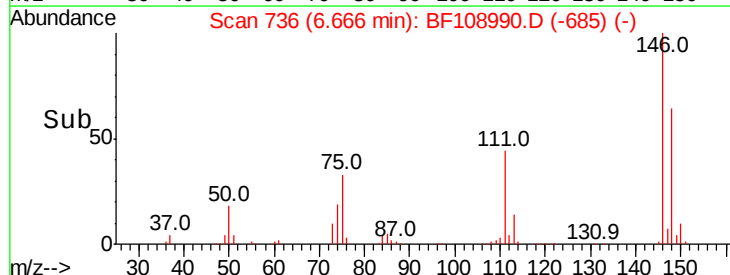
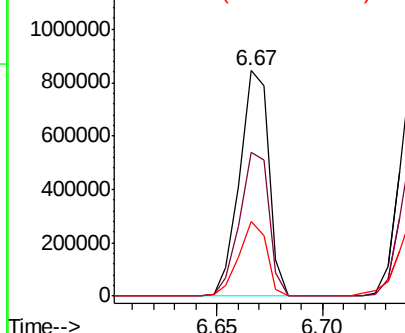


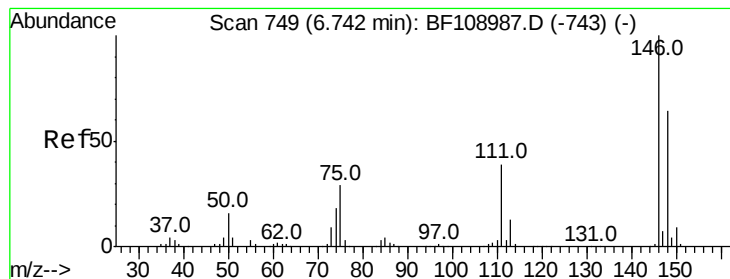
#12
1,3-Dichlorobenzene
Concen: 71.565 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	33.2	24.2	36.4



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: 71.664 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

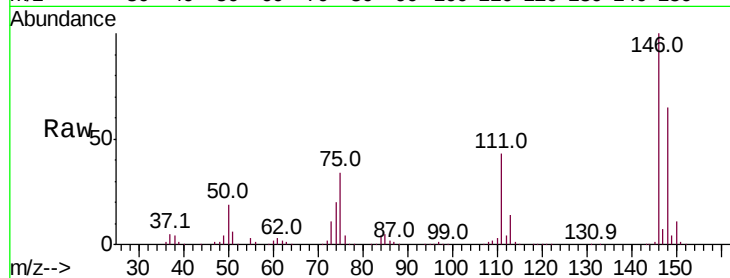
Tot Ion:146 Resp: 810624

Ion Ratio Lower Upper

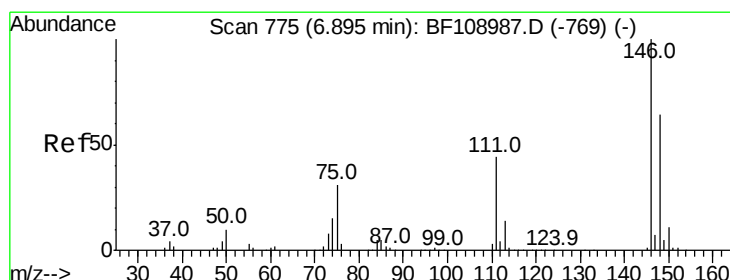
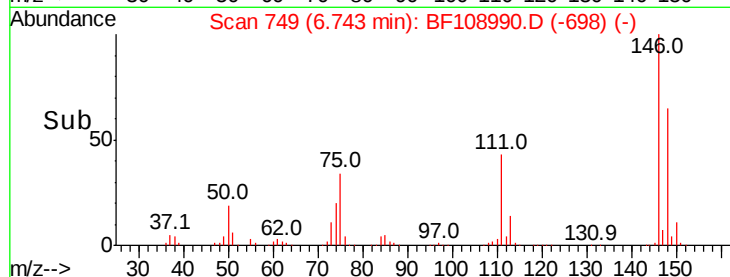
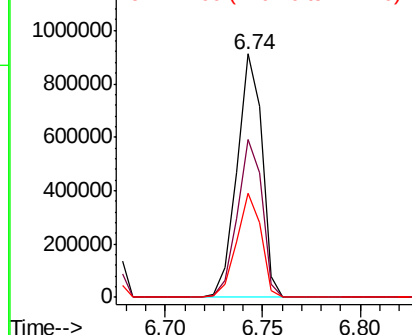
146 100

148 64.7 50.8 76.2

111 42.9 34.2 51.2



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: 69.362 ng

RT: 6.90 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

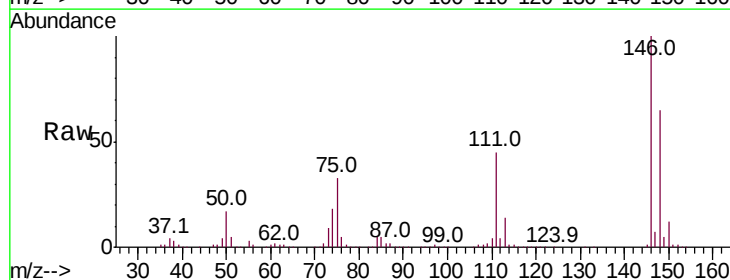
Tgt Ion:146 Resp: 723178

Ion Ratio Lower Upper

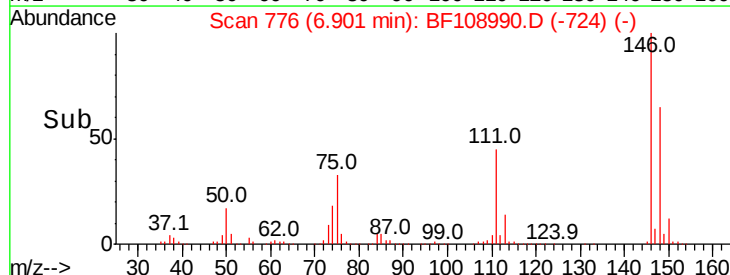
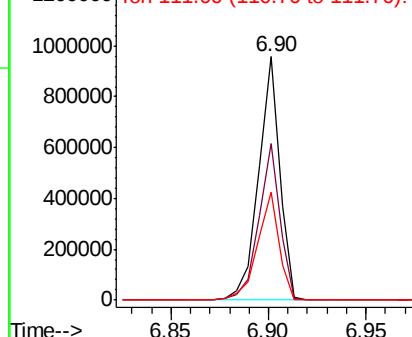
146 100

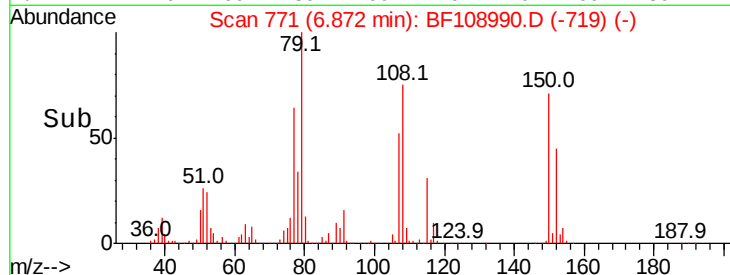
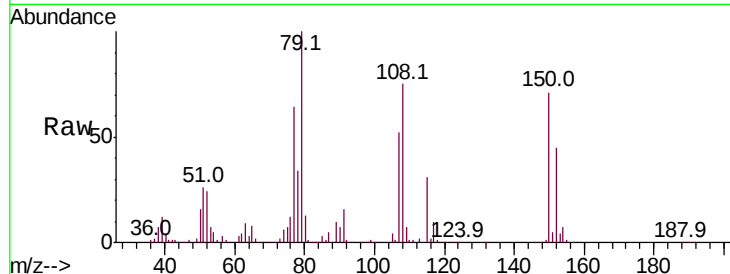
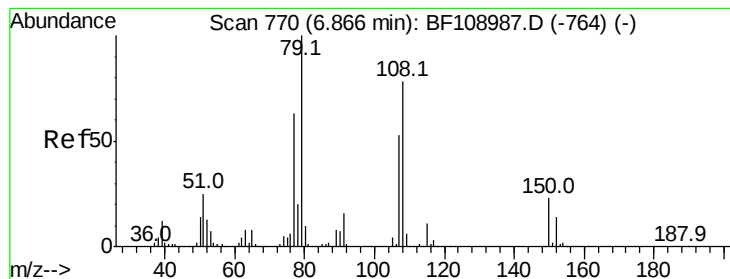
148 64.5 50.6 75.8

111 44.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 70.065 ng

RT: 6.87 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

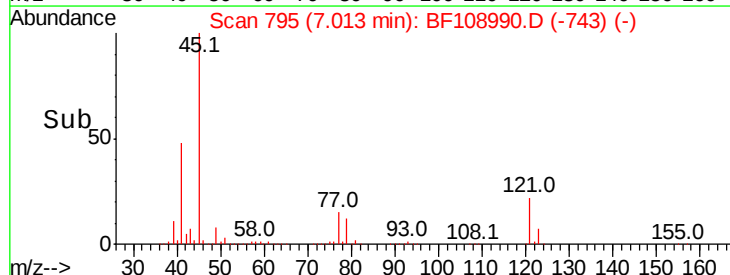
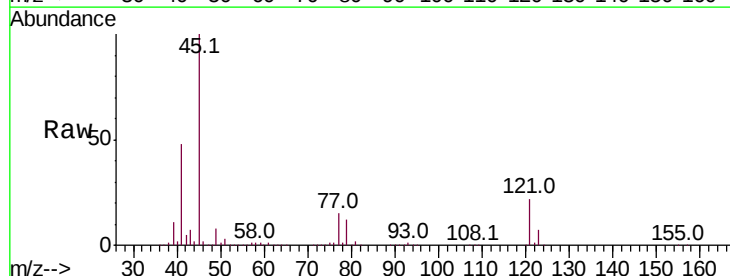
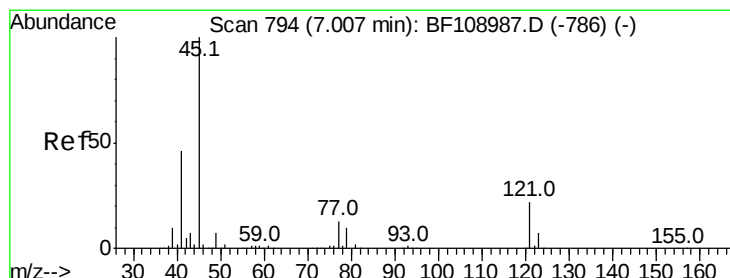
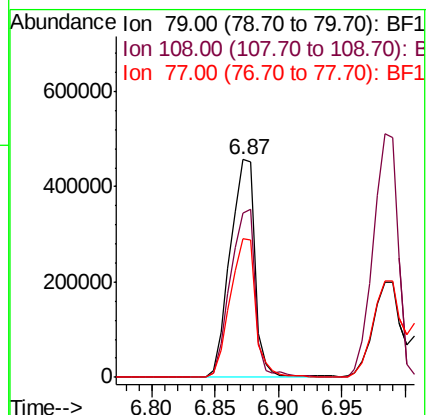
Tot Ion: 79 Resp: 619538

Ion Ratio Lower Upper

79 100

108 75.5 65.1 97.7

77 64.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.628 ng

RT: 7.01 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

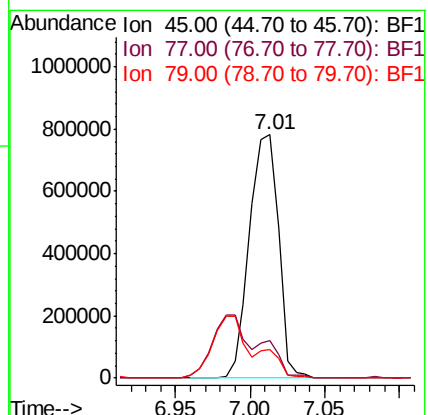
Tgt Ion: 45 Resp: 1052908

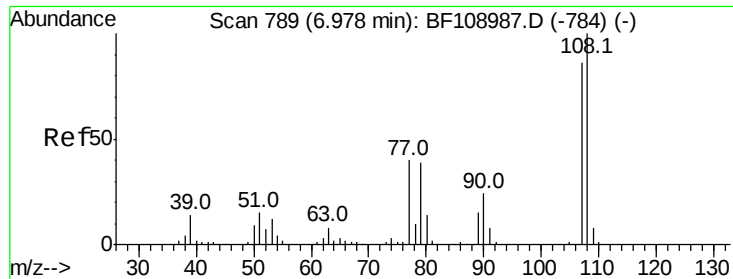
Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

79 11.9 0.0 29.6

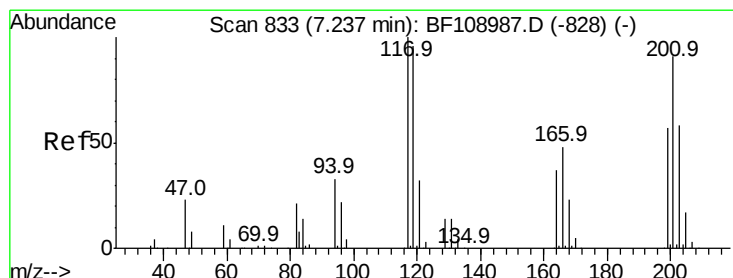
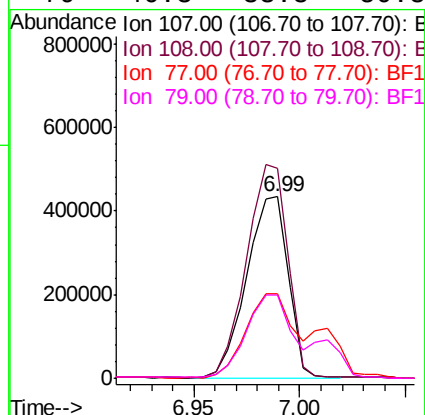
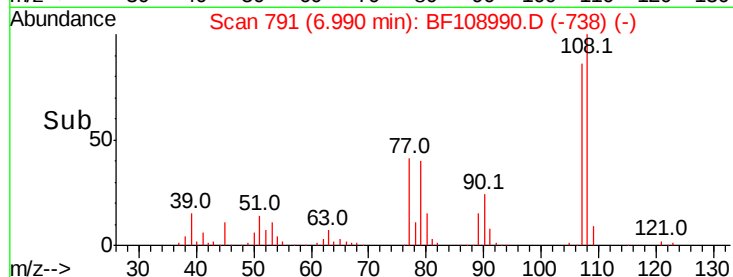
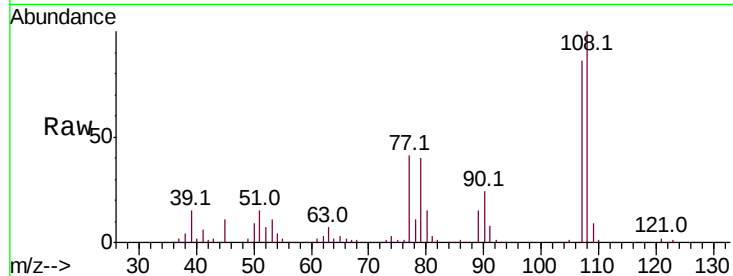




#17
2-Methylphenol
Concen: 70.797 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

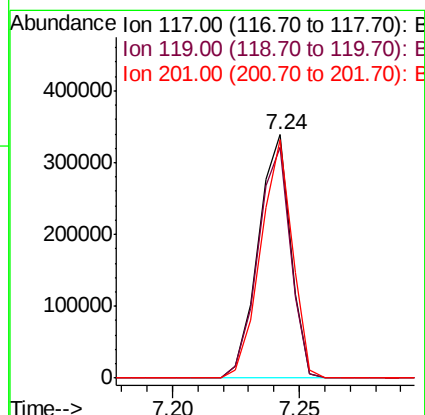
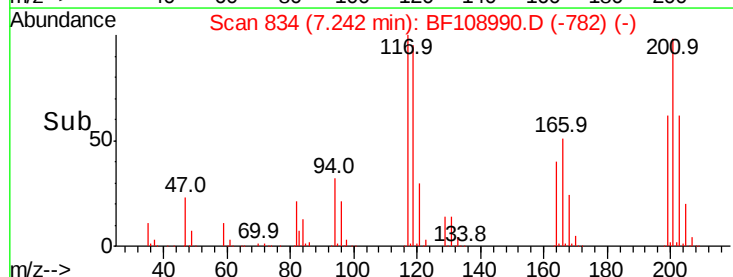
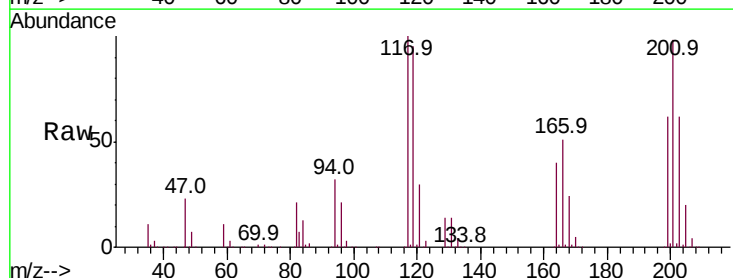
Instrument :
BNA_F
ClientSampleId :

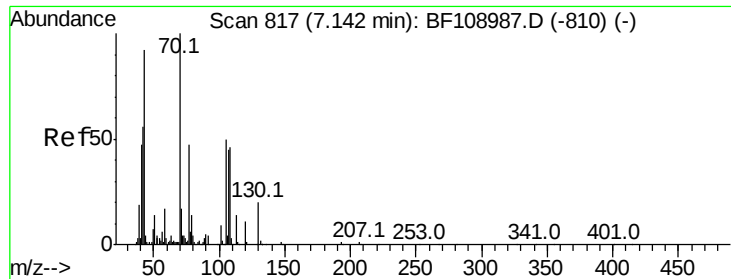
Tot Ion:107 Resp: 593042
Ion Ratio Lower Upper
107 100
108 115.8 91.7 137.5
77 46.9 33.8 50.8
79 46.3 33.8 50.8



#18
Hexachloroethane
Concen: 74.393 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:117 Resp: 303419
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 98.1 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 68.851 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 551427

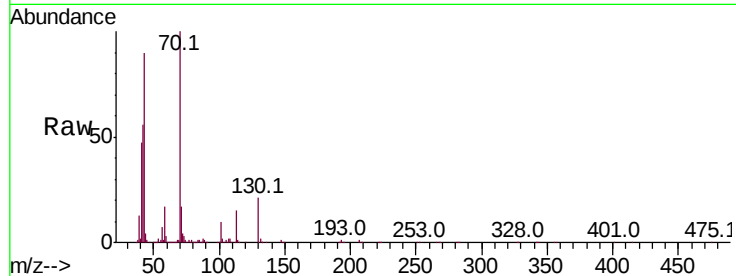
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 9.6 7.4 11.2

130 21.2 16.6 25.0

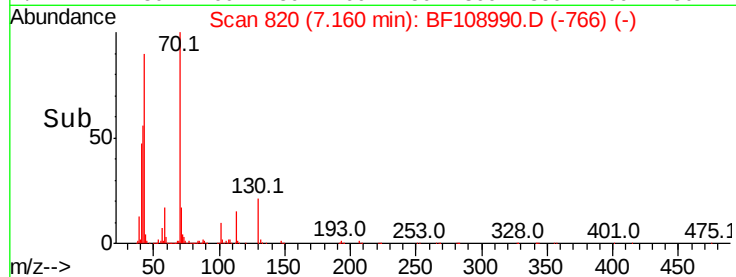
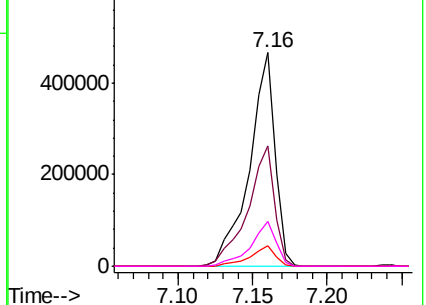


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 65.949 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Tgt Ion: 107 Resp: 647125

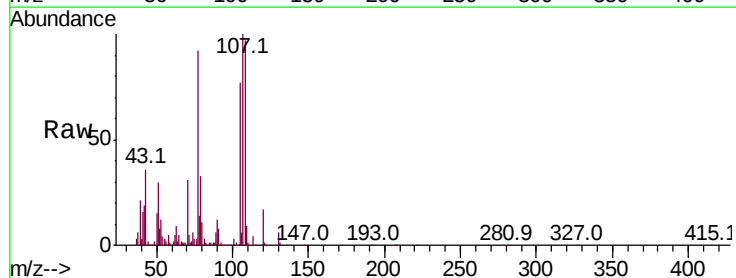
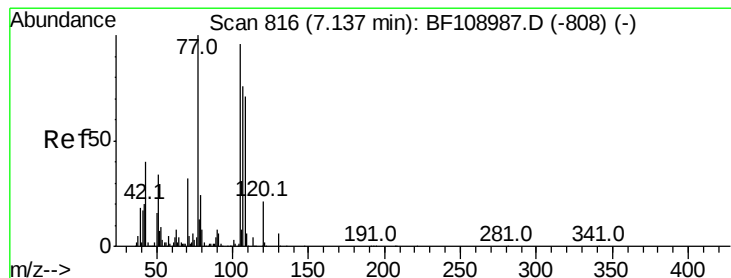
Ion Ratio Lower Upper

107 100

108 96.7 68.2 108.2

77 91.8 26.7 66.7#

79 33.4 6.3 46.3

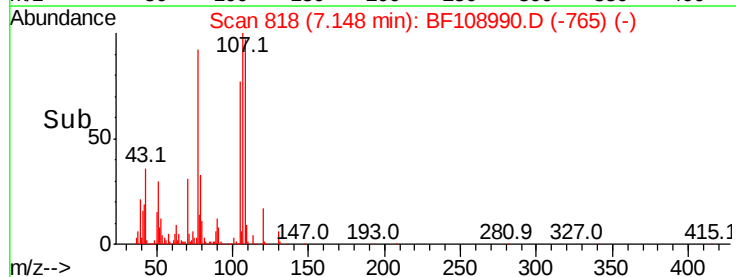
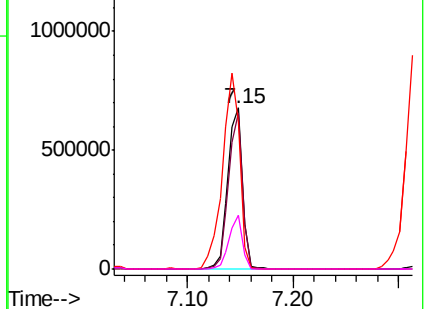


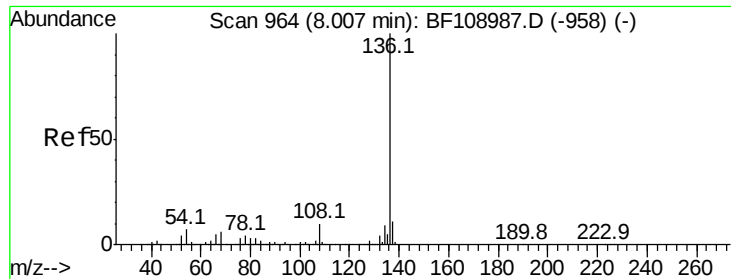
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

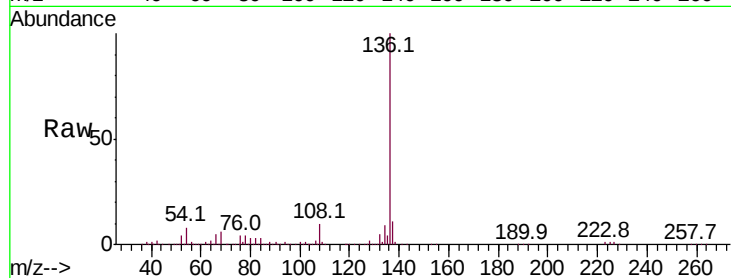




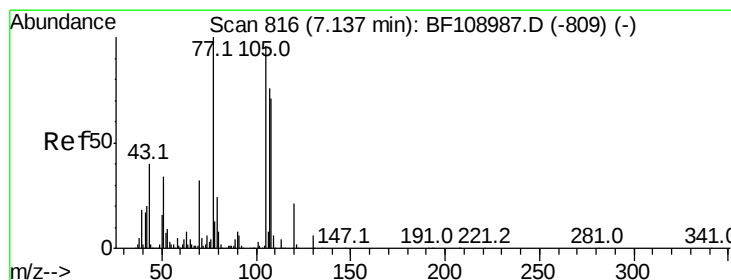
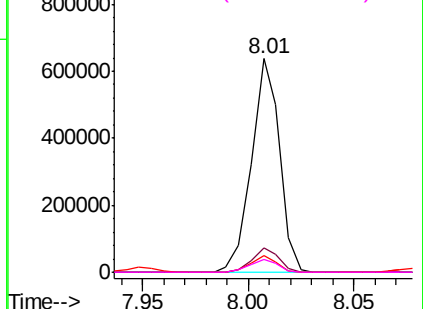
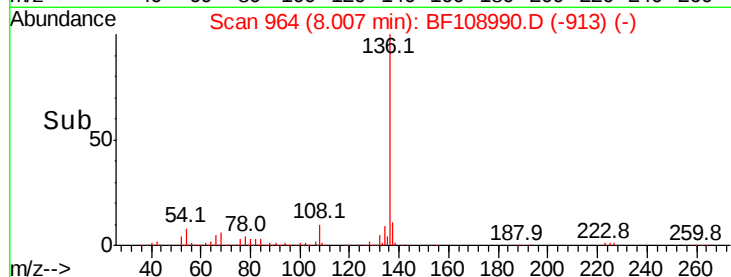
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 586482
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.7	6.6 9.8
68 6.2	5.0 7.4

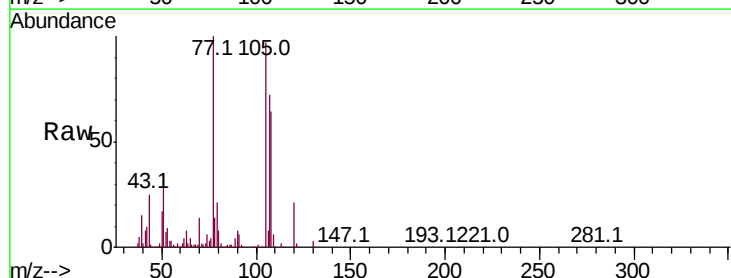


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

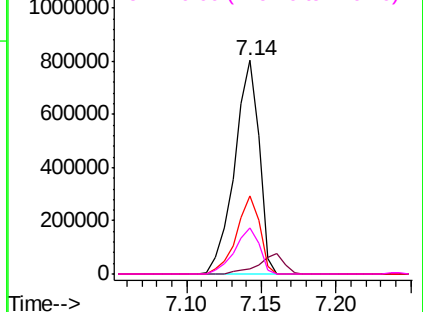
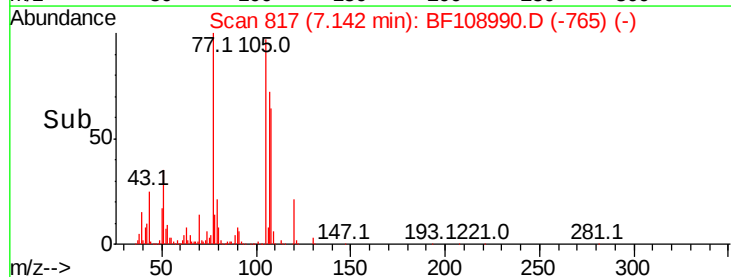


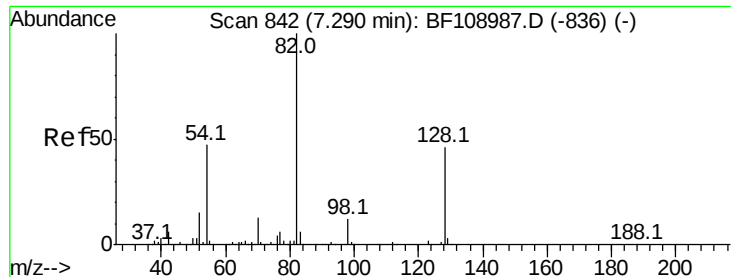
#22
Acetophenone
Concen: 69.540 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt	Ion:105	Resp:	925602
Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.4	6.6#
51	36.4	22.3	33.5#
120	21.5	16.9	25.3



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

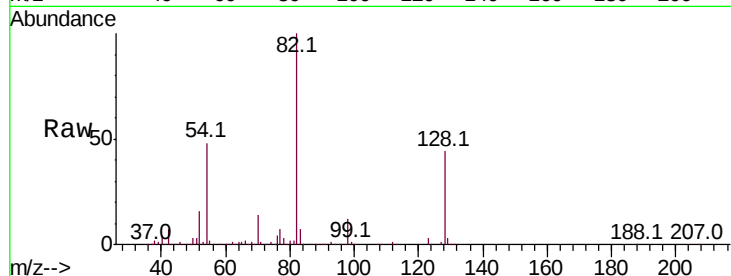




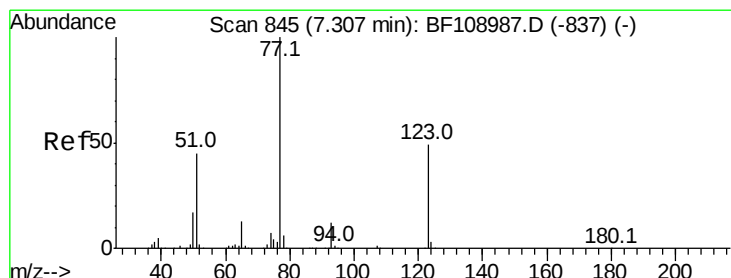
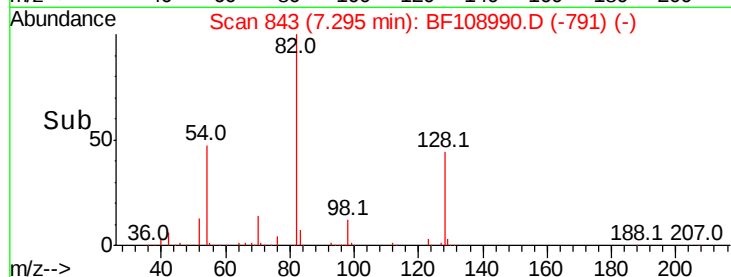
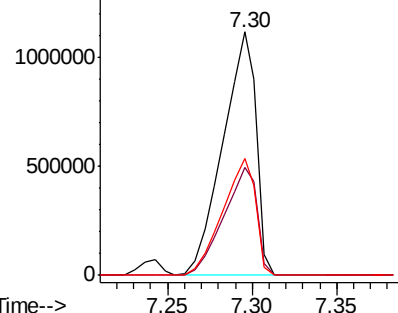
#23
 Nitrobenzene-d5
 Concen: 163.884 ng
 RT: 7.30 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1535853
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 48.2 41.4 62.2

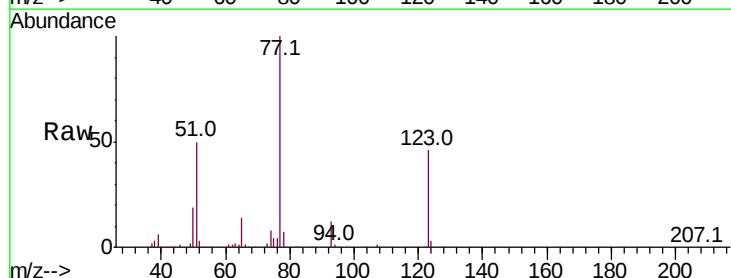


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

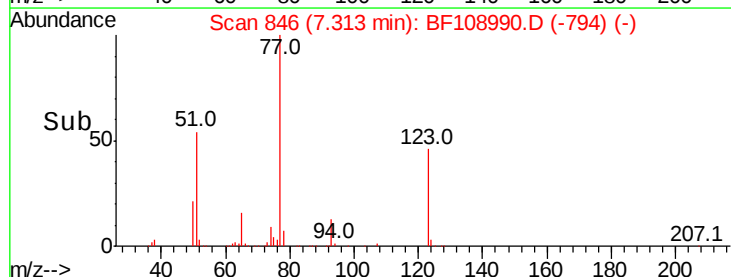
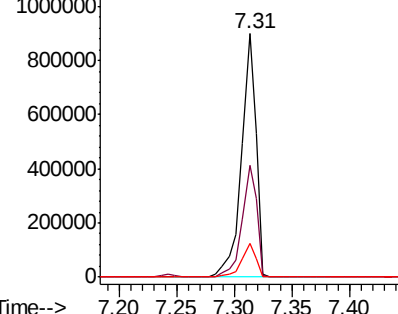


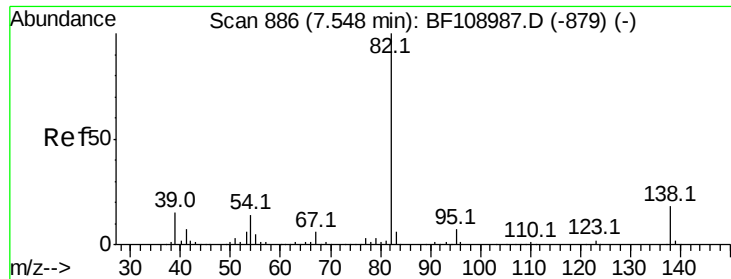
#24
 Nitrobenzene
 Concen: 78.173 ng
 RT: 7.31 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion: 77 Resp: 786062
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.9 56.9
 65 13.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1200000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 72.563 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

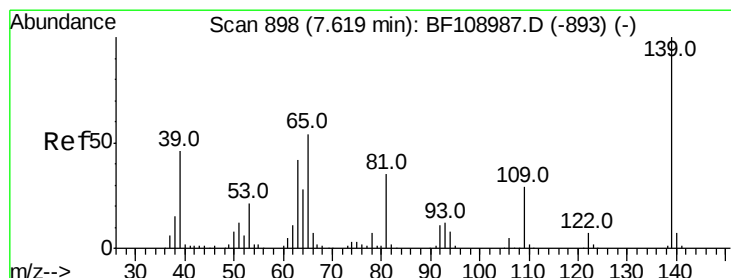
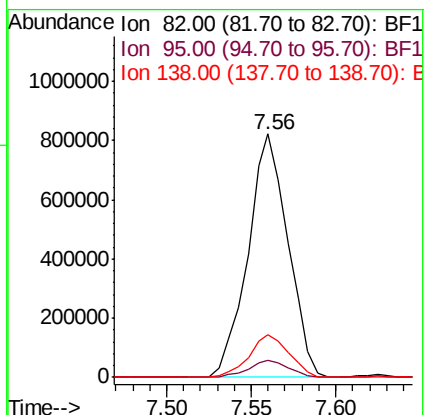
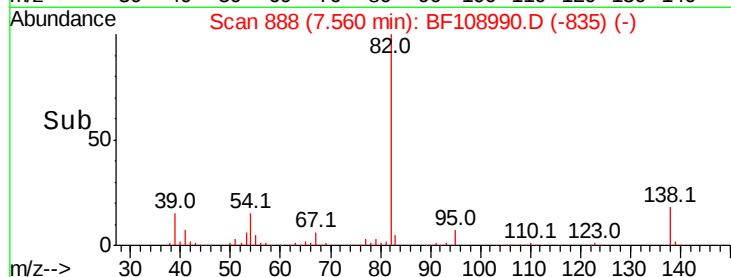
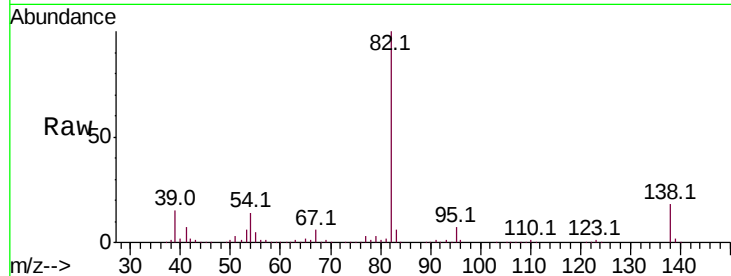
Tot Ion: 82 Resp: 1356434

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 99.009 ng

RT: 7.62 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

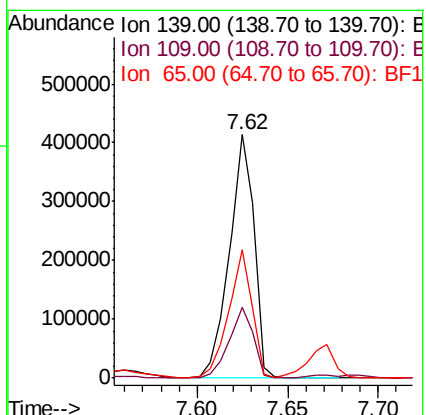
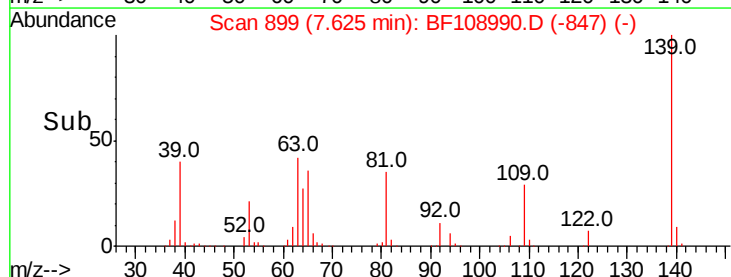
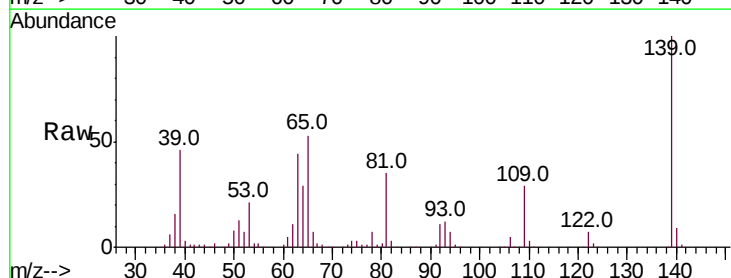
Tgt Ion:139 Resp: 392227

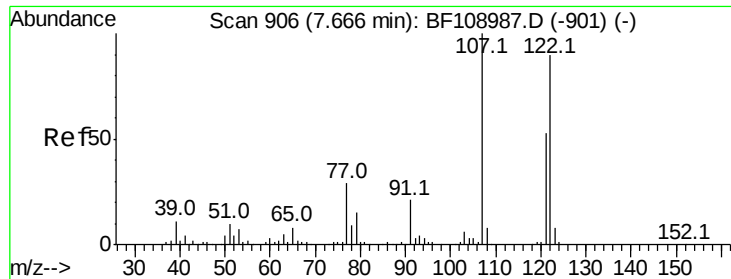
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 52.9 40.5 60.7

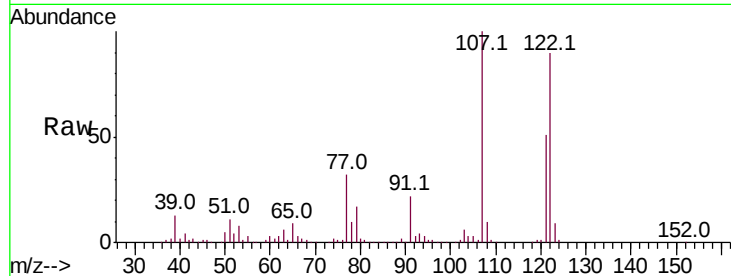




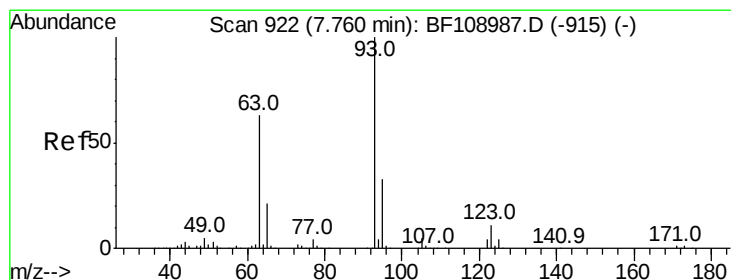
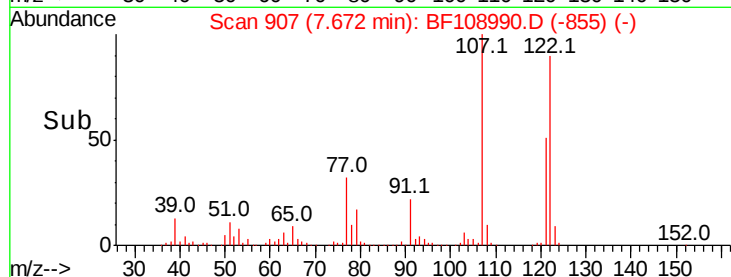
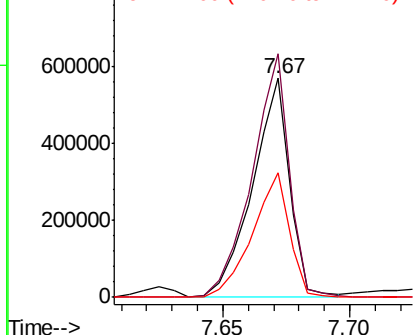
#27
2,4-Dimethylphenol
Concen: 72.363 ng
RT: 7.67 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 582137
Ion Ratio Lower Upper
122 100
107 111.1 91.2 136.8
121 56.9 47.2 70.8

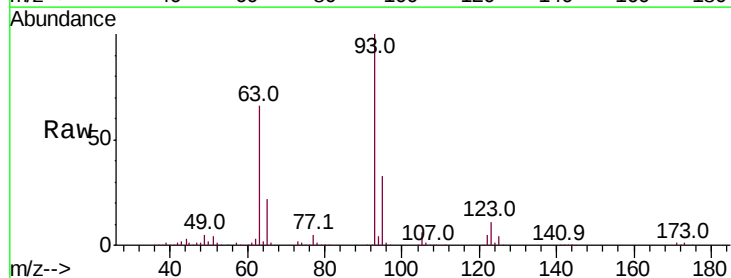


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

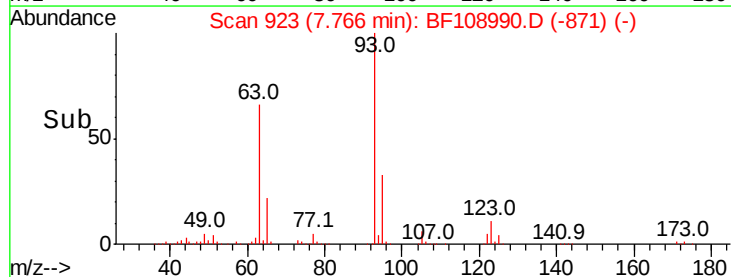
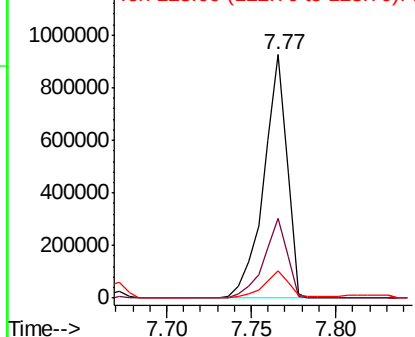


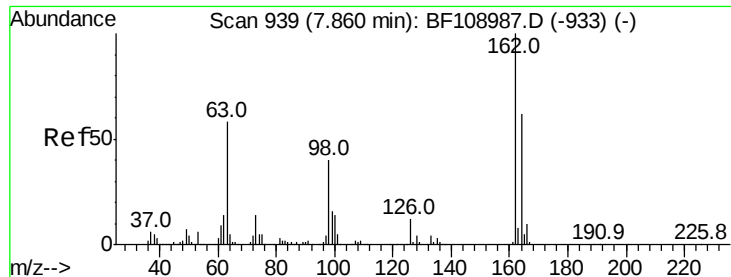
#28
bis(2-Chloroethoxy)methane
Concen: 70.215 ng
RT: 7.77 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion: 93 Resp: 877552
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 11.3 9.8 14.6



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

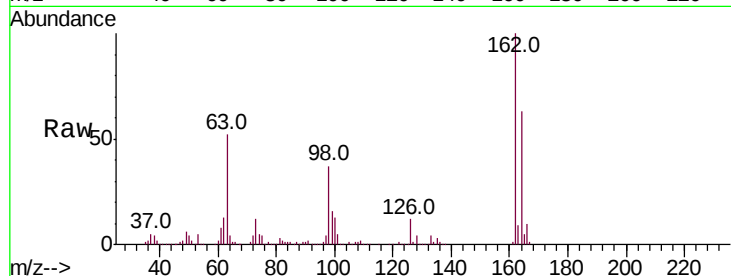




#29
2,4-Dichlorophenol
Concen: 74.955 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	36.7	18.1	58.1

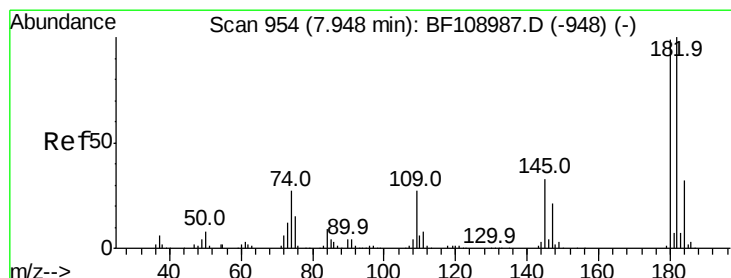
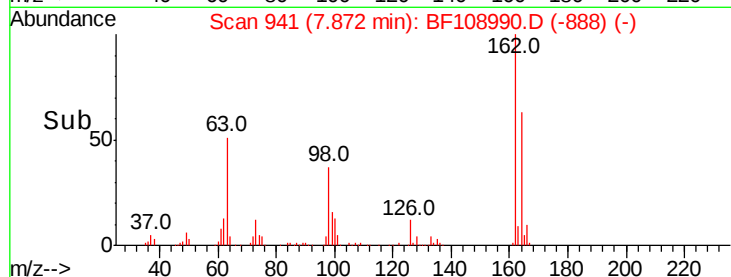
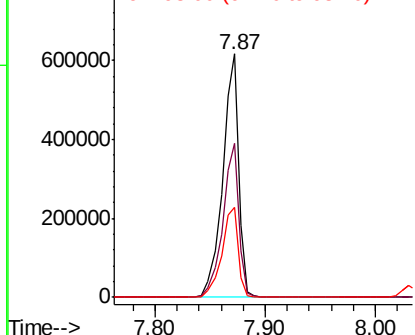


Abundance

Ion 162.00 (161.70 to 162.70): E

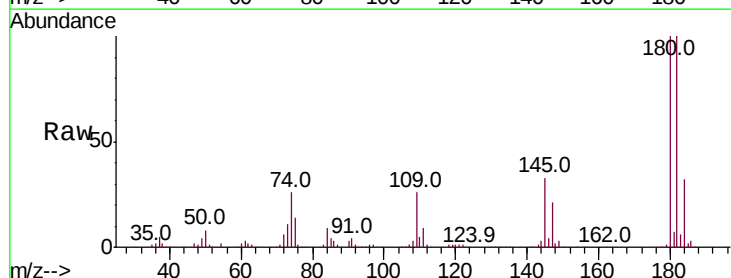
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 72.013 ng
RT: 7.95 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.8	115.2
145	32.7	26.5	39.7

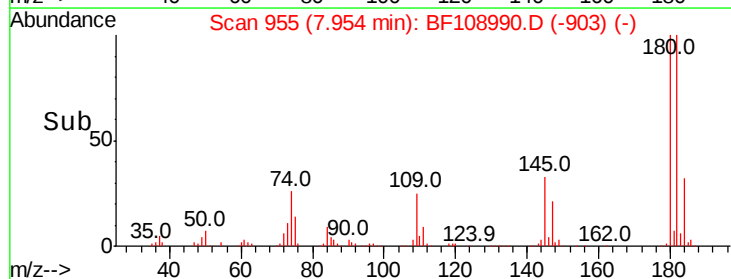
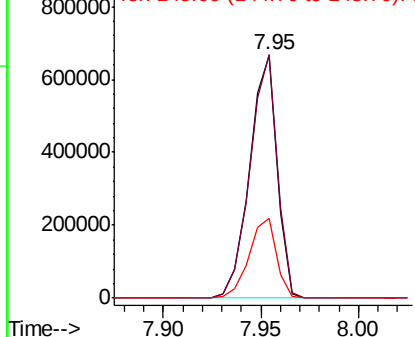


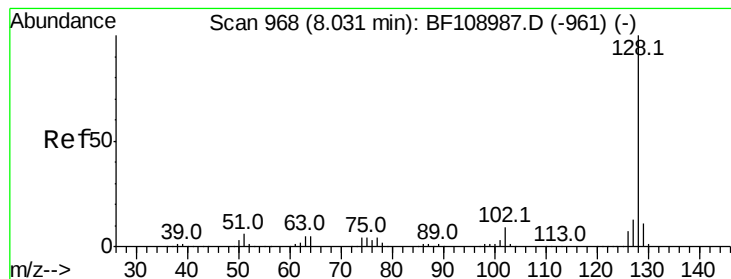
Abundance

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: 70.793 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

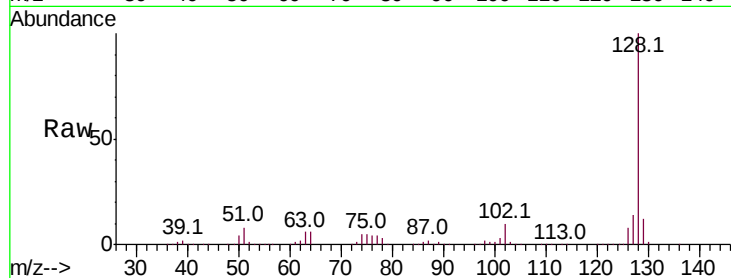
Tot Ion:128 Resp: 1867949

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

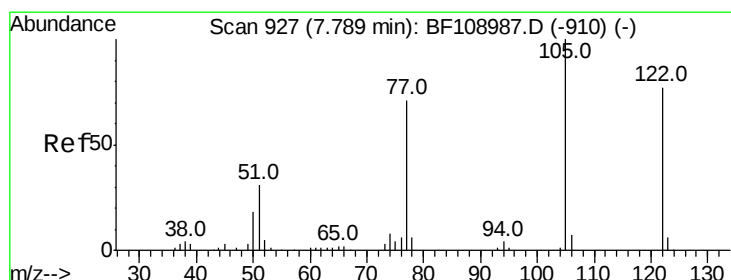
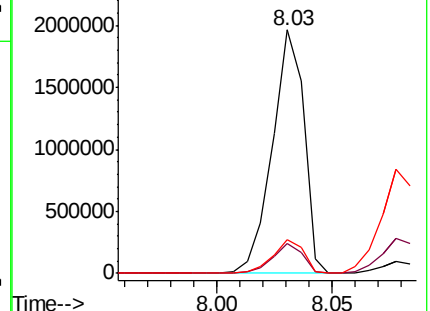
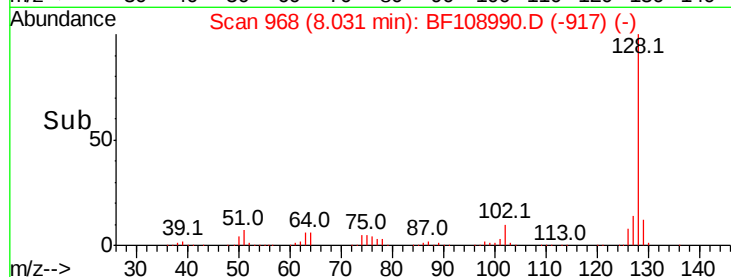
127 14.1 10.9 16.3



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: 102.109 ng

RT: 7.83 min Scan# 934

Delta R.T. 0.04 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

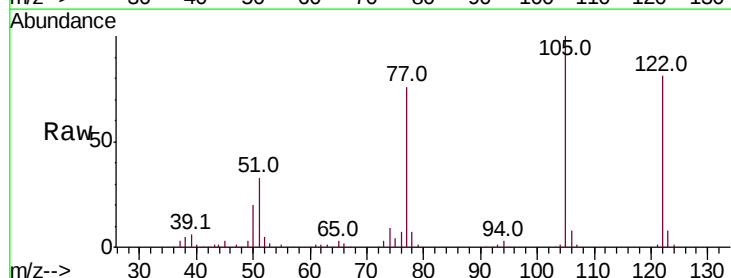
Tgt Ion:122 Resp: 502975

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

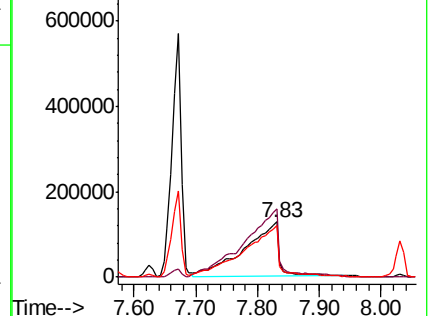
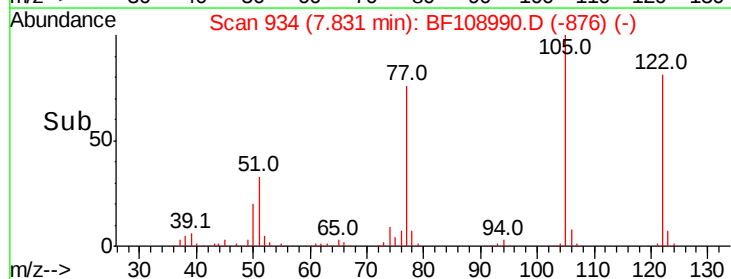
77 93.9 70.7 110.7

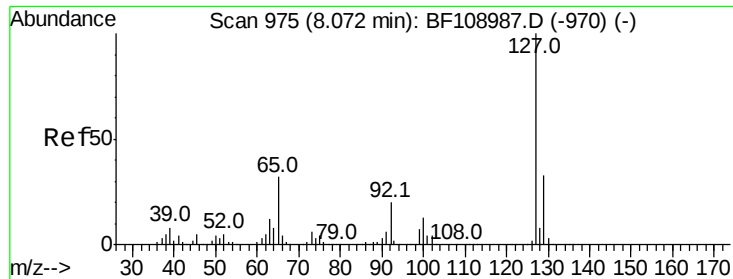


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

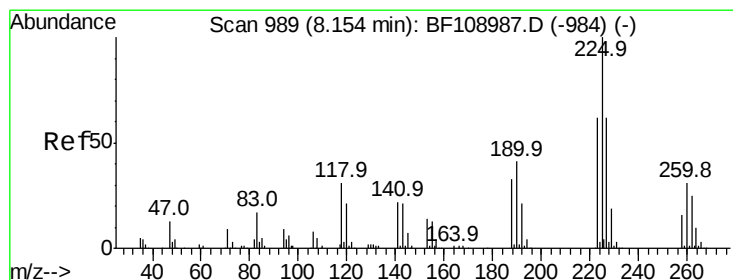
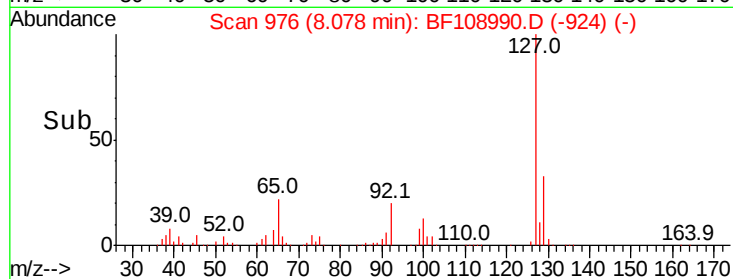
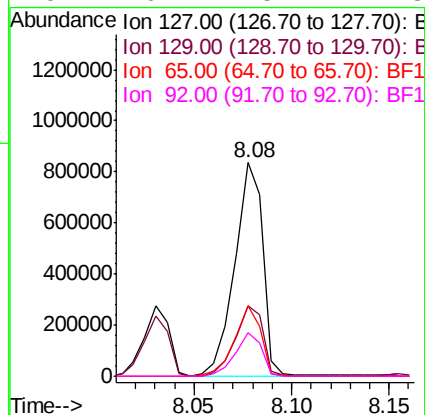
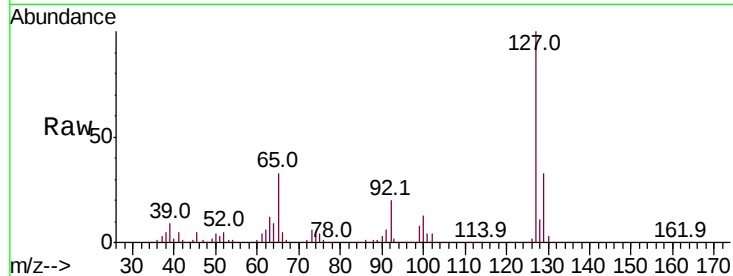




#33
4-Chloroaniline
Concen: 68.718 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

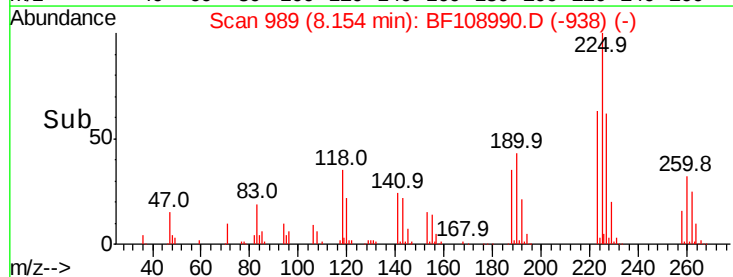
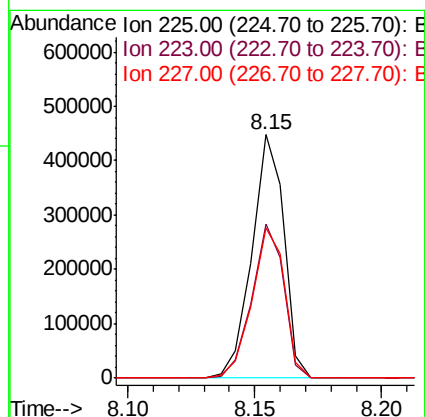
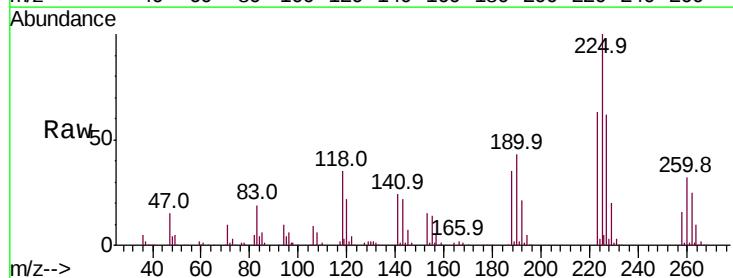
Instrument :
BNA_F
ClientSampleId :

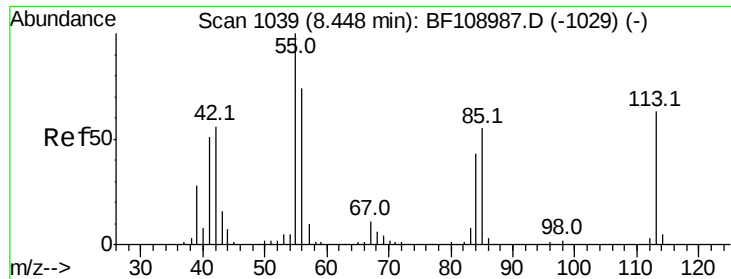
Tot Ion:	127	Resp:	832750
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	33.0	25.0	37.4
92	20.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 73.340 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:	225	Resp:	393866
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	61.9	51.9	77.9

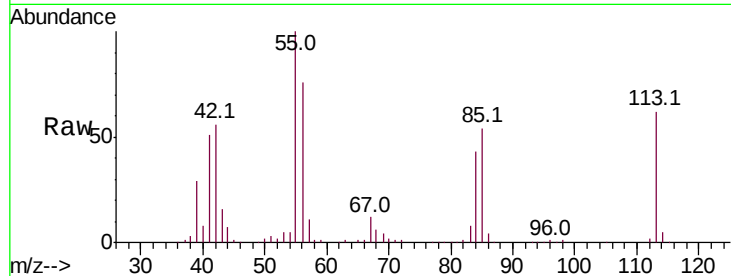




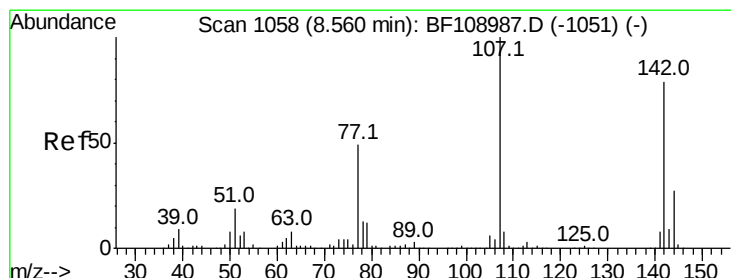
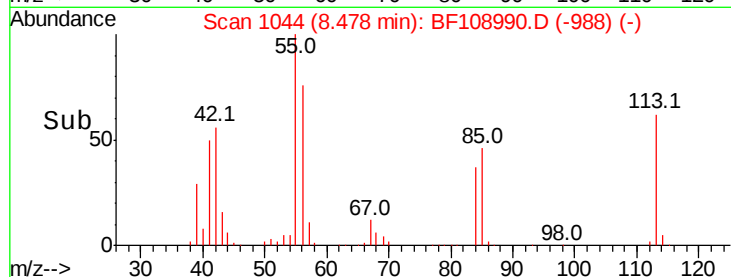
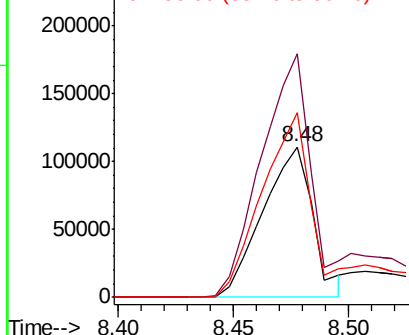
#35
Caprolactam
Concen: 59.104 ng
RT: 8.48 min Scan# 1044
Delta R.T. 0.03 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 166134
Ion Ratio Lower Upper
113 100
55 161.9 163.3 203.3#
56 122.5 115.7 155.7

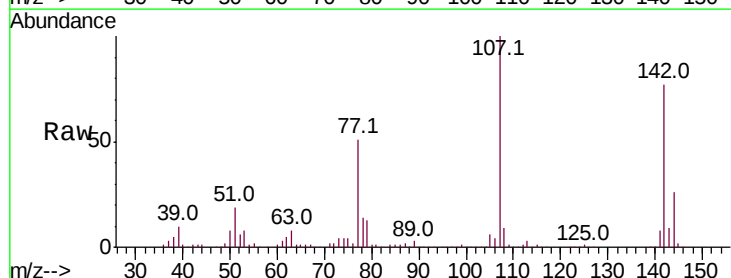


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

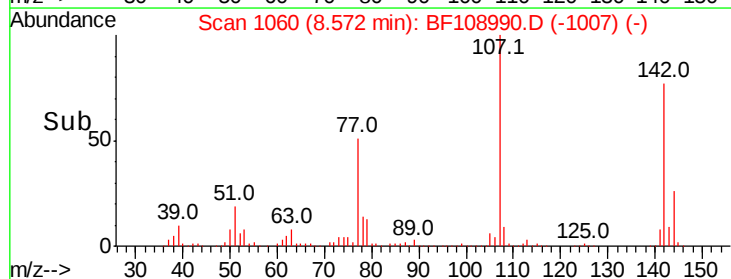
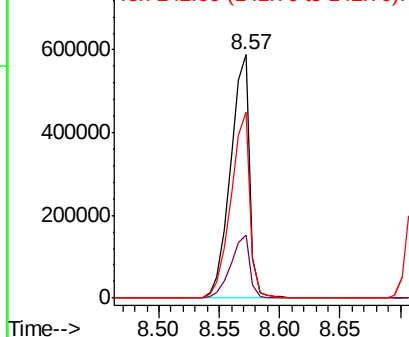


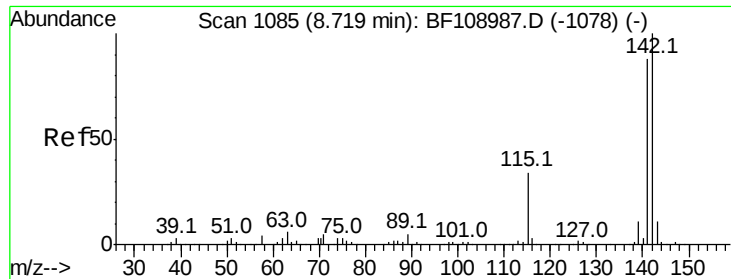
#36
4-Chloro-3-methylphenol
Concen: 73.267 ng
RT: 8.57 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:107 Resp: 647438
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 76.6 62.0 93.0



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

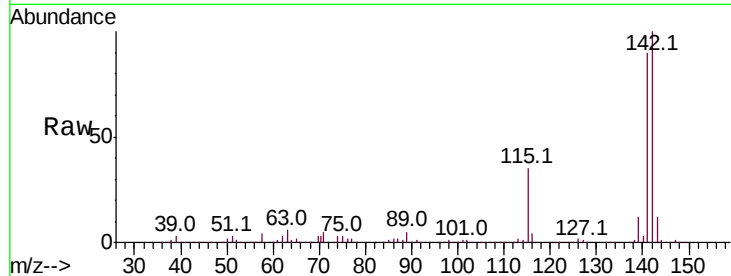




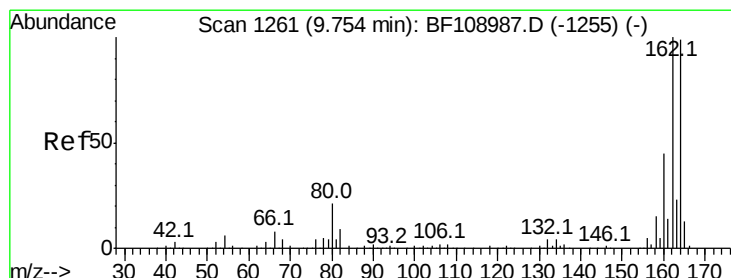
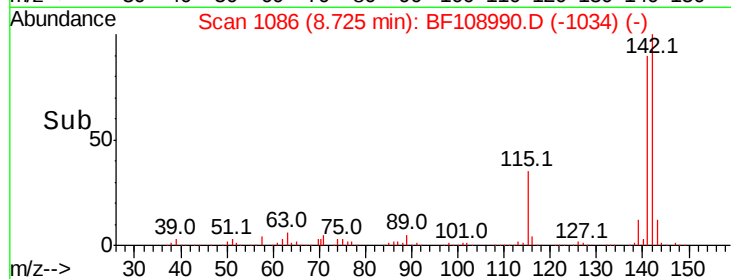
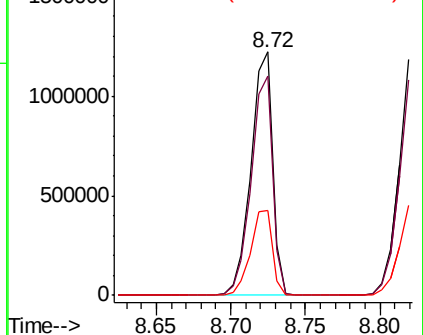
#37
2-Methylnaphthalene
Concen: 69.705 ng
RT: 8.72 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1215074
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 35.1 26.1 39.1

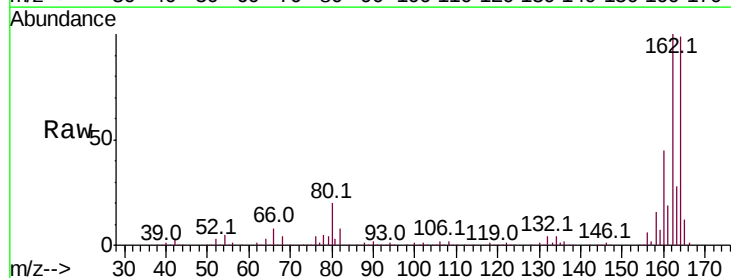


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

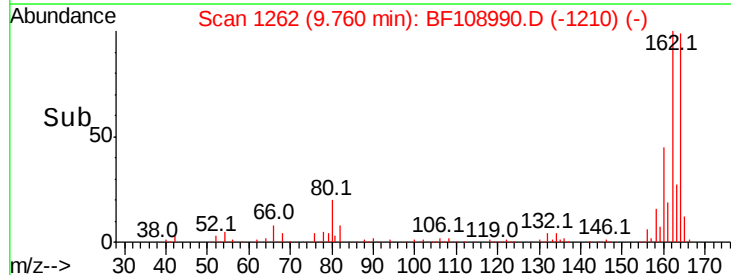
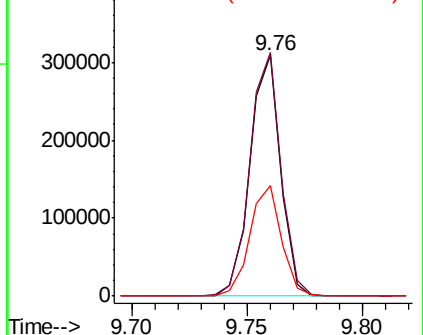


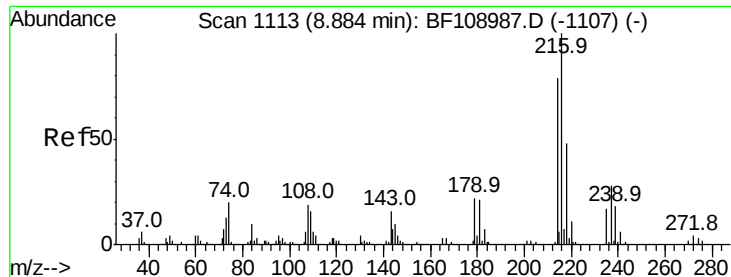
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:164 Resp: 285773
Ion Ratio Lower Upper
164 100
162 101.2 86.1 129.1
160 45.9 38.3 57.5



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

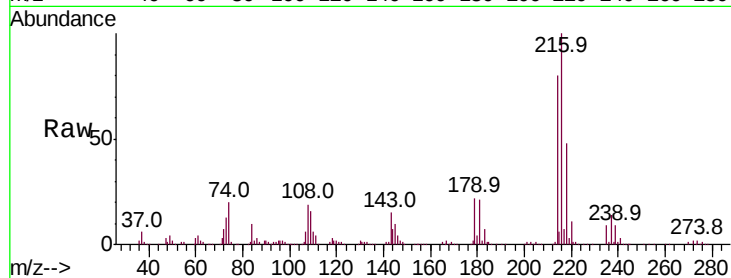




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 71.521 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.1	18.1	27.1
108	19.4	17.2	25.8



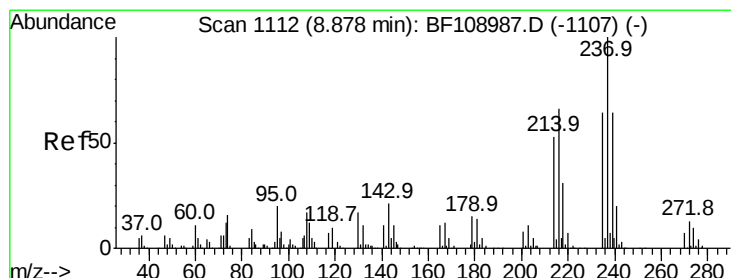
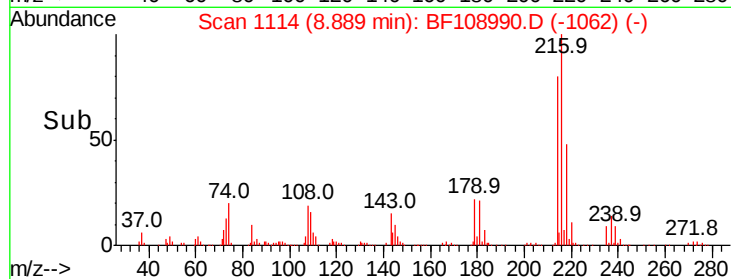
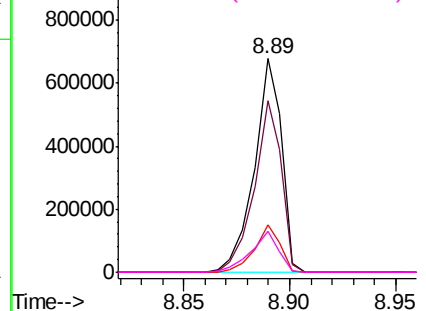
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

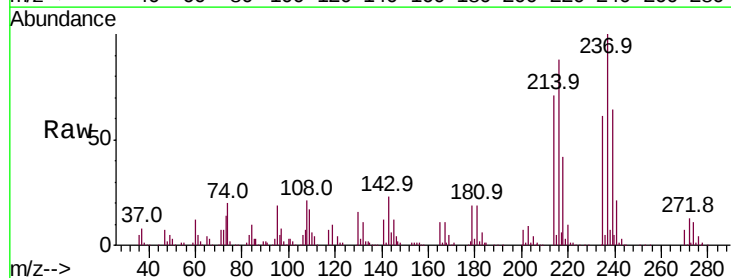
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 83.640 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	13.0	0.0	33.3

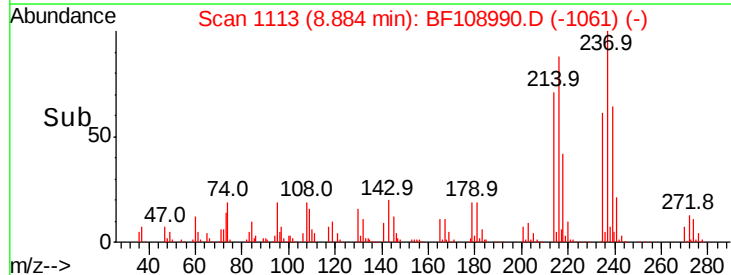
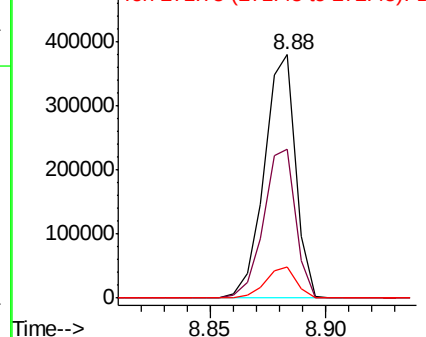


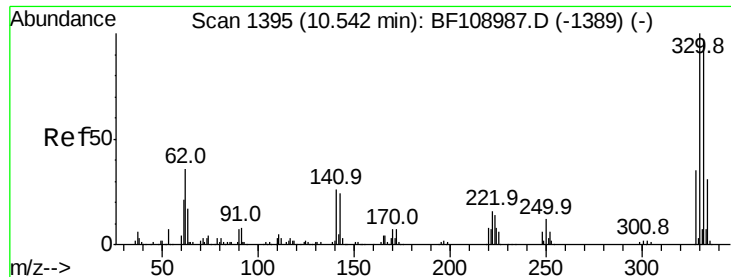
Abundance

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

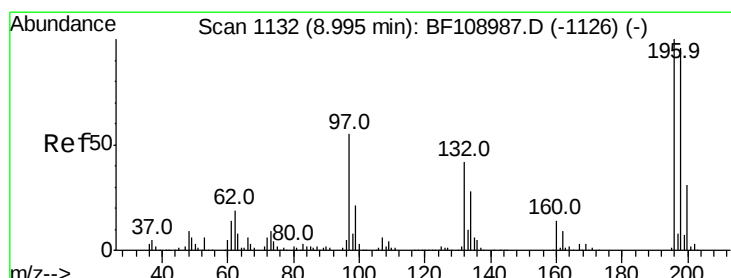
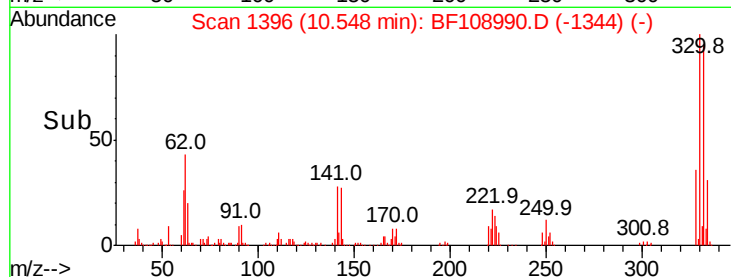
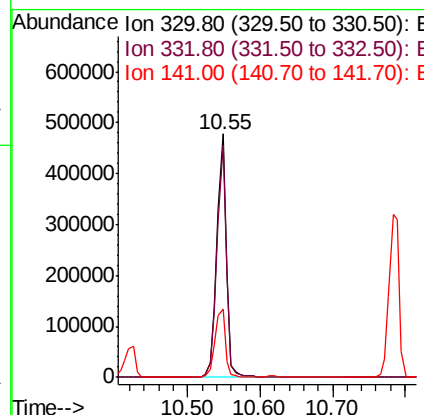
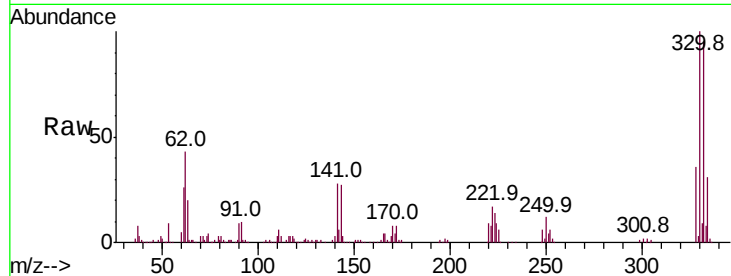




#41
 2,4,6-Tribromophenol
 Concen: 161.017 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

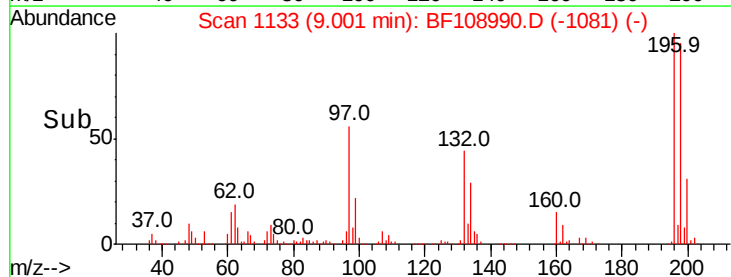
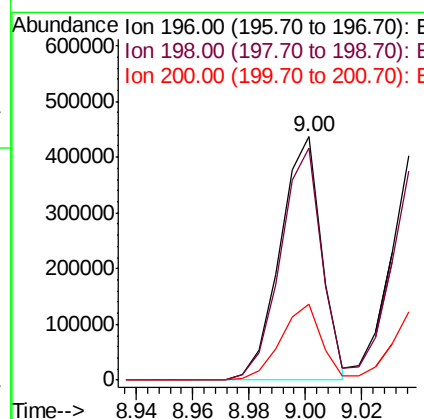
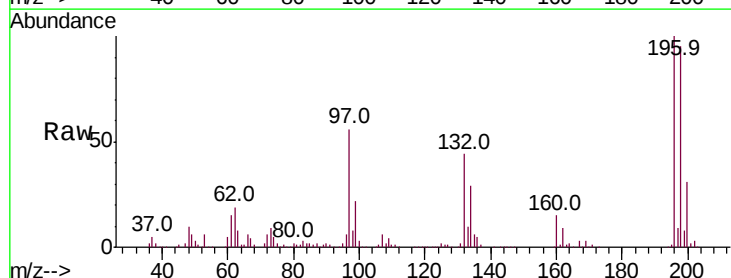
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 76.489 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	31.0	24.5	36.7

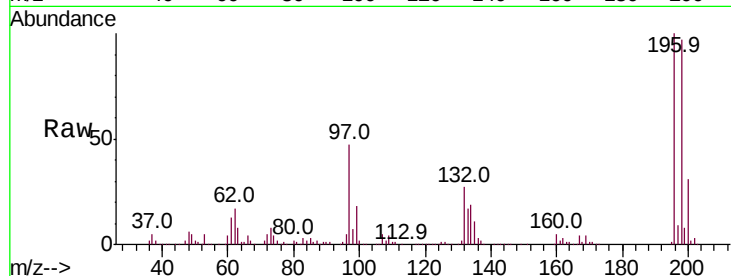




#43
 2,4,5-Trichlorophenol
 Concen: 77.943 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	470106
Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	47.3	42.9	64.3
132	27.4	26.3	39.5



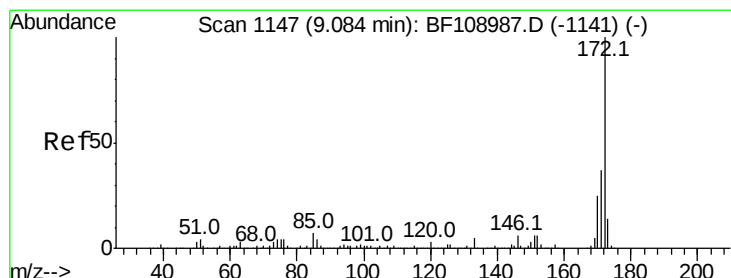
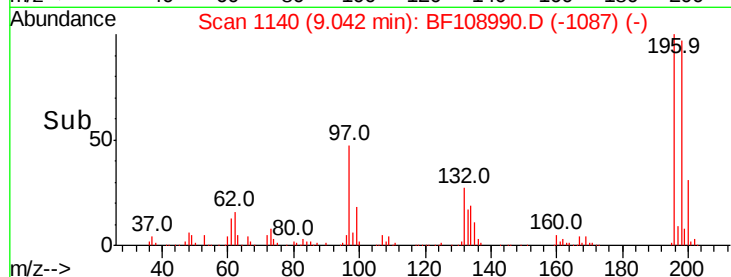
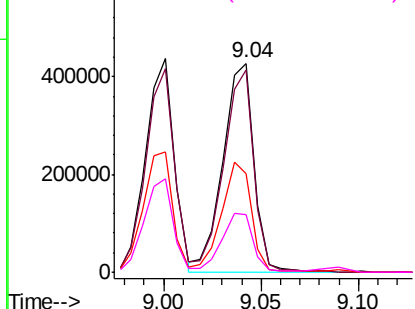
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

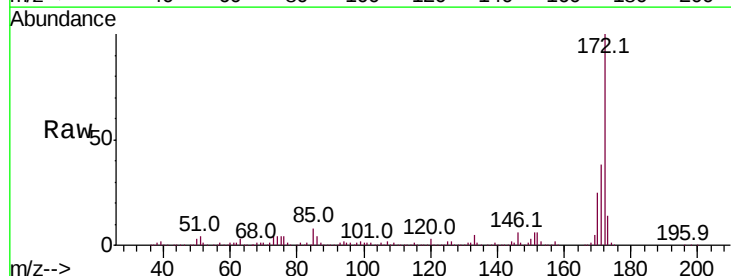
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 146.301 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:	172	Resp:	2450723
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.4	19.6	29.4

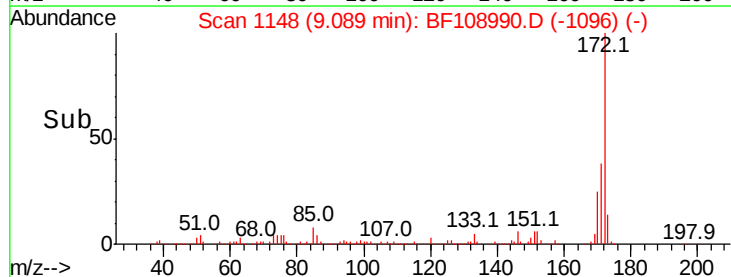
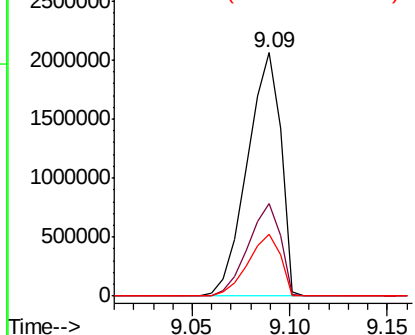


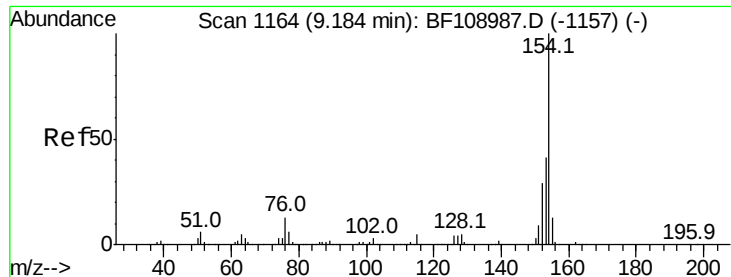
Abundance

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

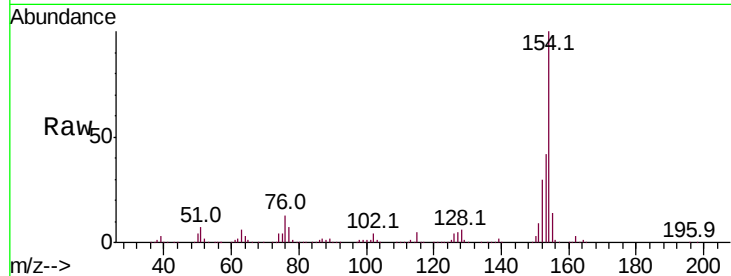




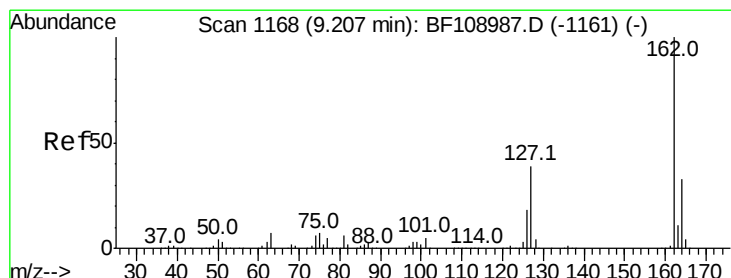
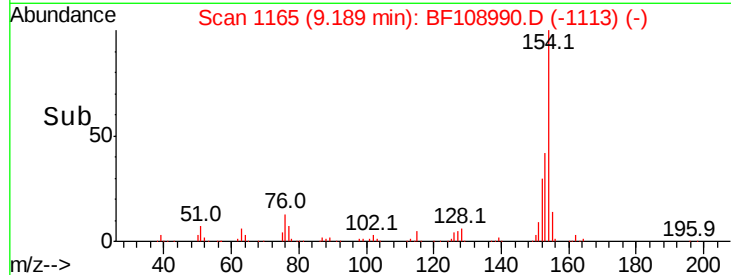
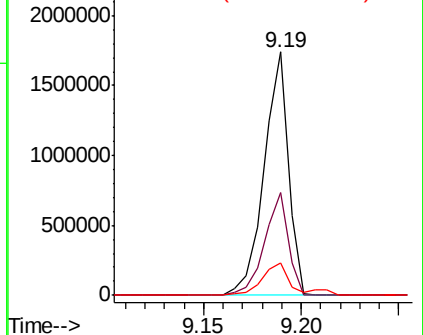
#45
 1,1'-Biphenyl
 Concen: 68.295 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1502539
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 13.4 0.0 34.0

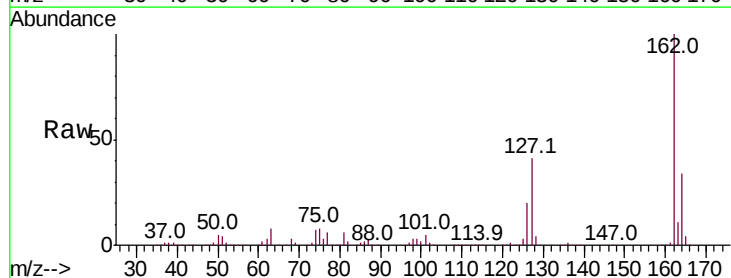


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

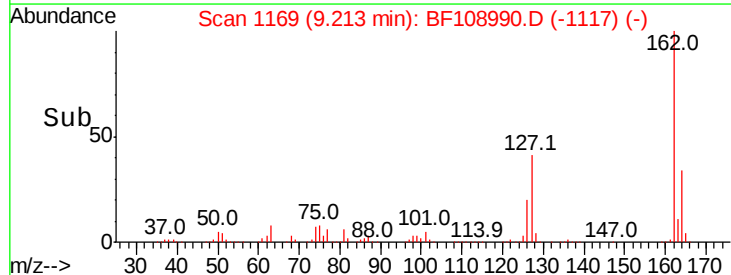
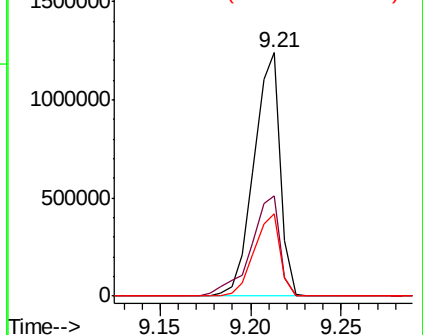


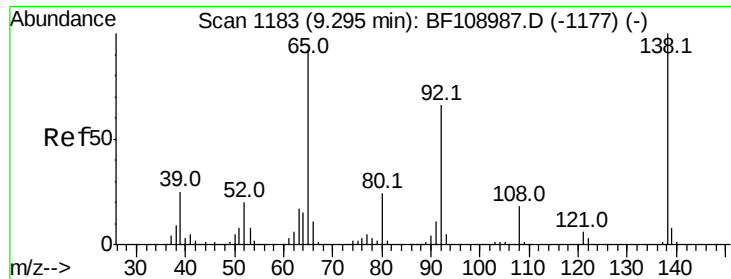
#46
 2-Chloronaphthalene
 Concen: 70.190 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:162 Resp: 1248897
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 33.7 26.5 39.7



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

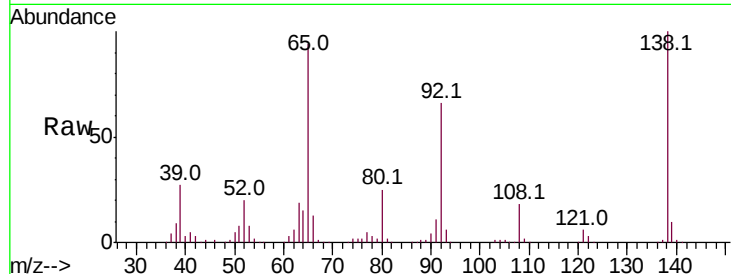




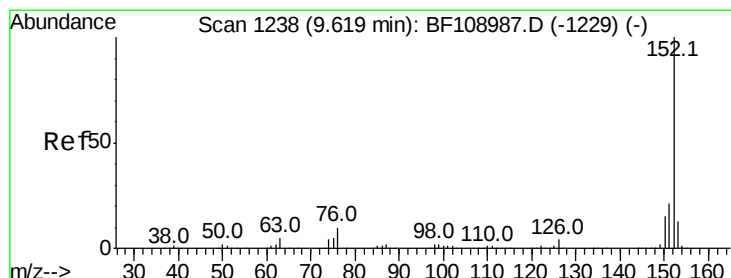
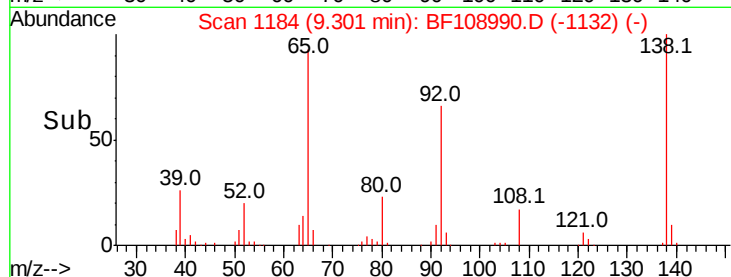
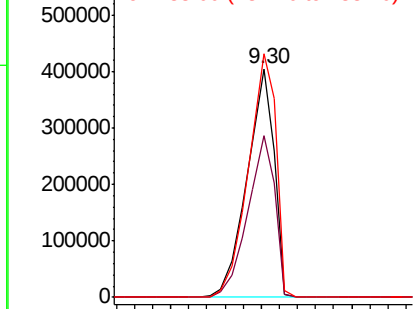
#47
2-Nitroaniline
Concen: 86.237 ng
RT: 9.30 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 419181
Ion Ratio Lower Upper
65 100
92 70.6 55.8 83.6
138 106.5 91.2 136.8

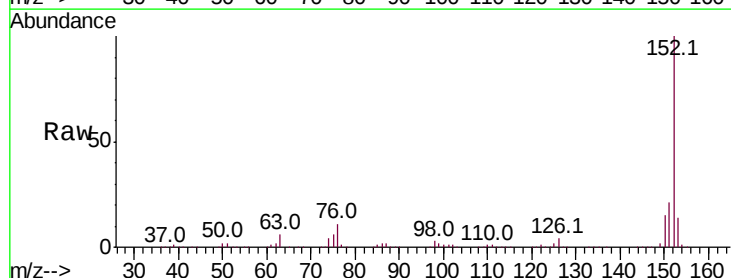


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

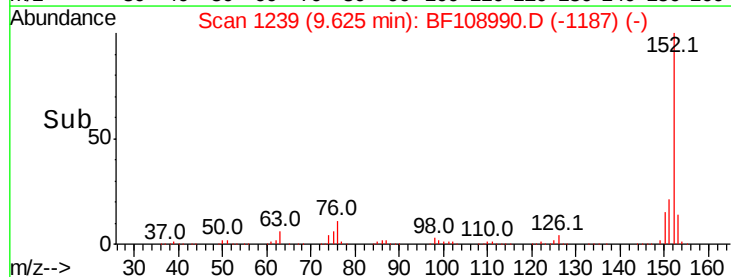
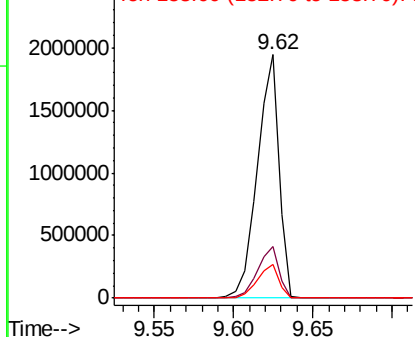


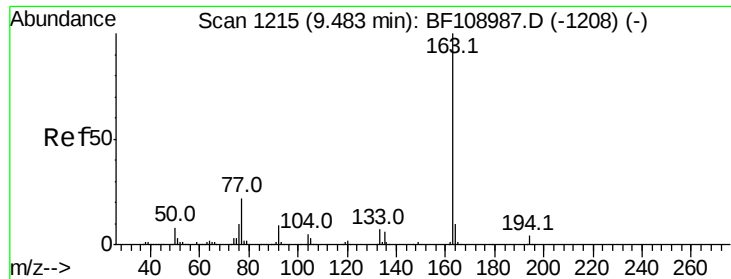
#48
Acenaphthylene
Concen: 69.890 ng
RT: 9.62 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion: 152 Resp: 1853607
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.0 10.7 16.1



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

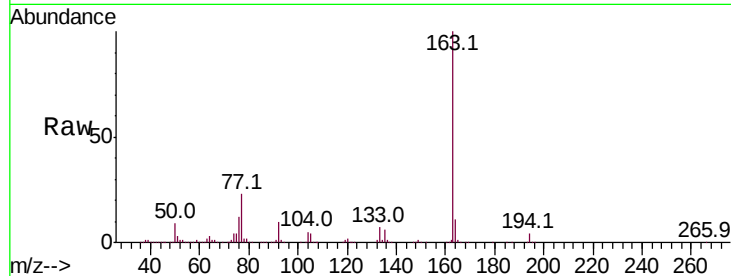




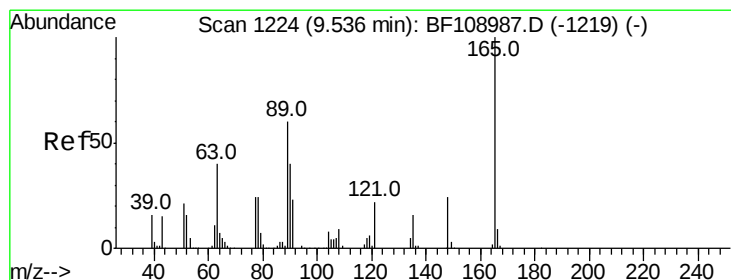
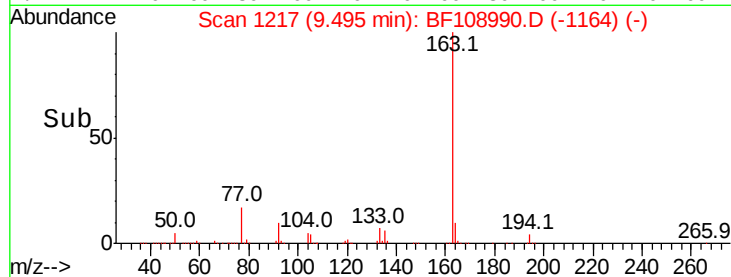
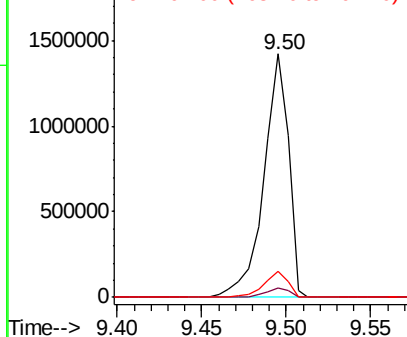
#49
Dimethylphthalate
Concen: 71.790 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1434928
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2

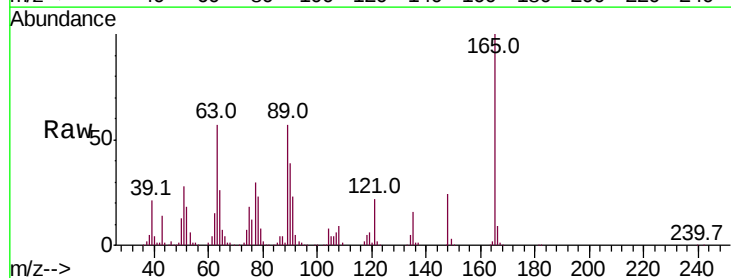


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

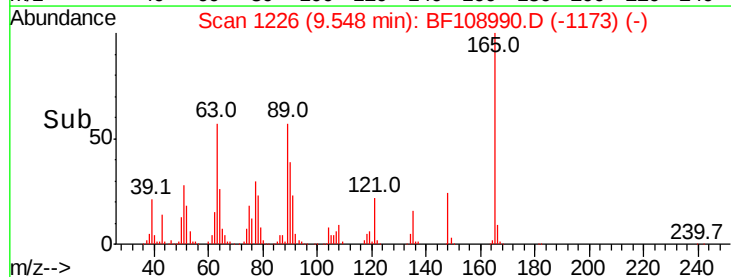
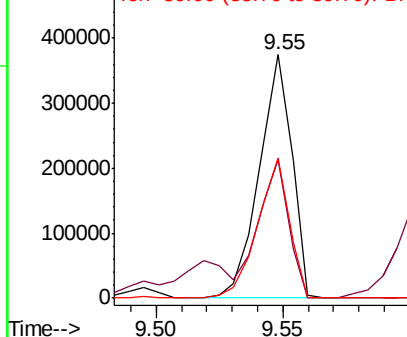


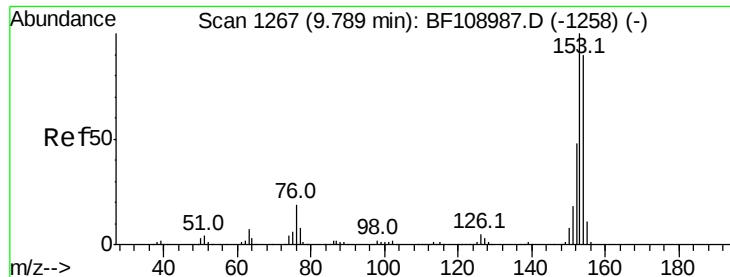
#50
2,6-Dinitrotoluene
Concen: 88.959 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:165 Resp: 338815
Ion Ratio Lower Upper
165 100
63 57.1 44.7 67.1
89 57.3 44.0 66.0



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





#51

Acenaphthene

Concen: 72.554 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

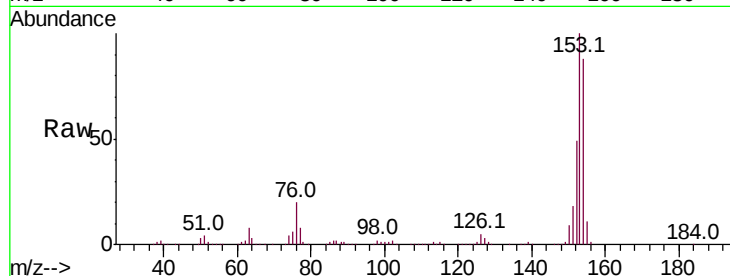
Tot Ion:154 Resp: 1190773

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

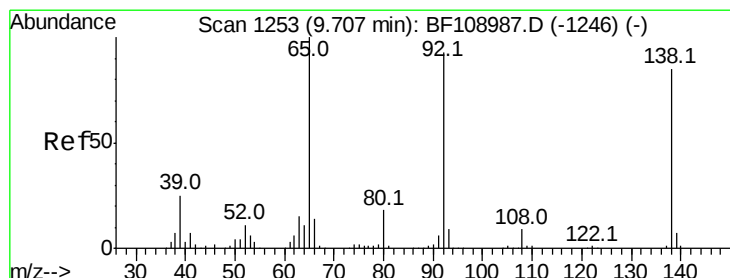
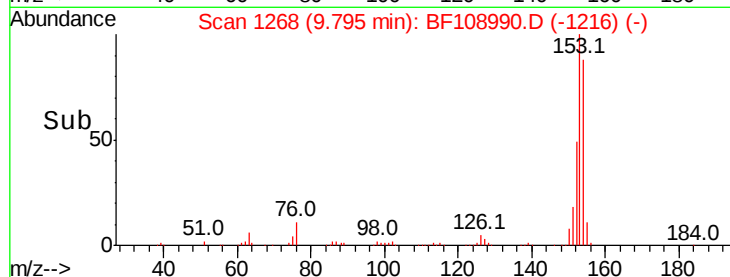
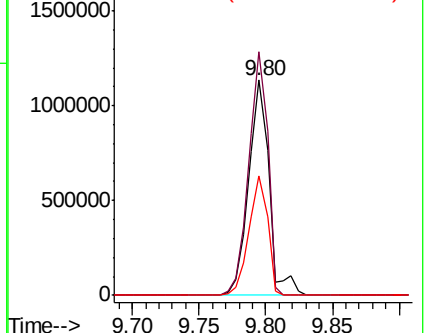
152 55.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 85.991 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

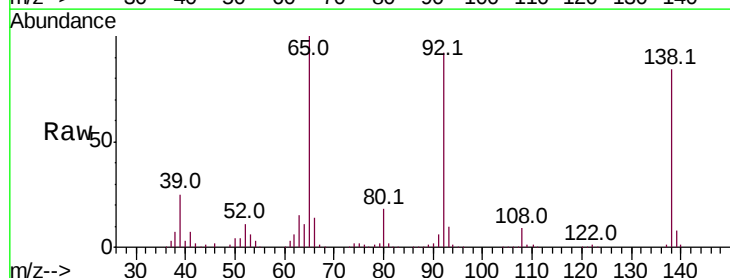
Tgt Ion:138 Resp: 389860

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

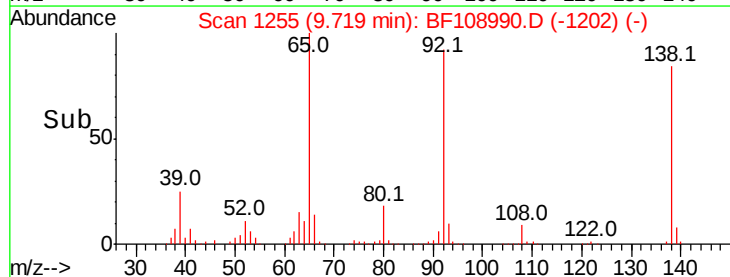
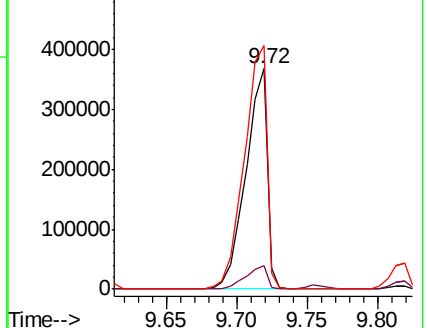
92 110.5 89.4 134.2

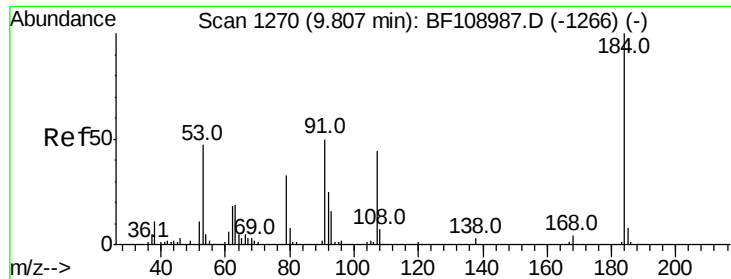


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

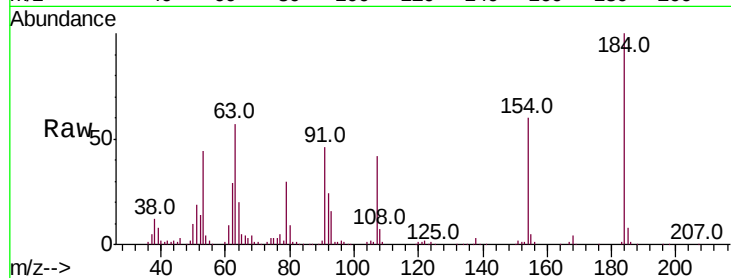




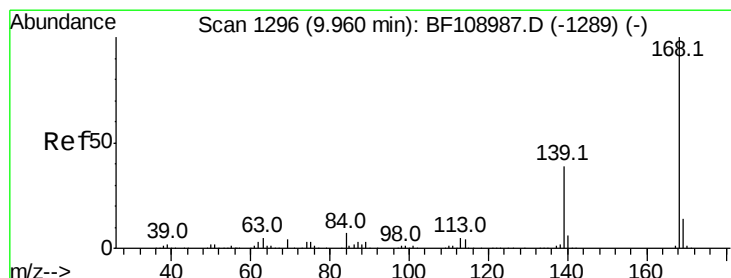
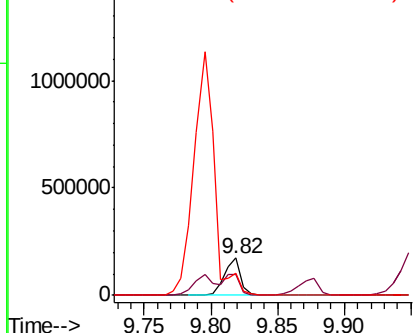
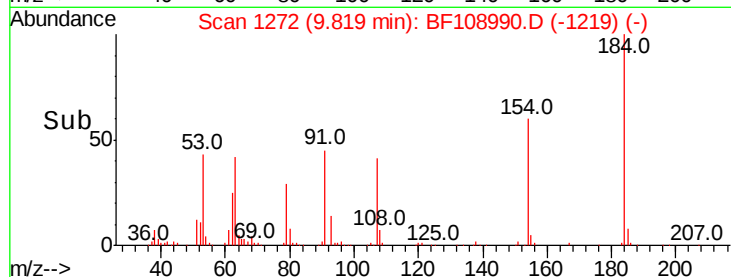
#53
 2,4-Dinitrophenol
 Concen: 136.492 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 151189
 Ion Ratio Lower Upper
 184 100
 63 57.4 54.2 81.2
 154 60.4 184.0 276.0#

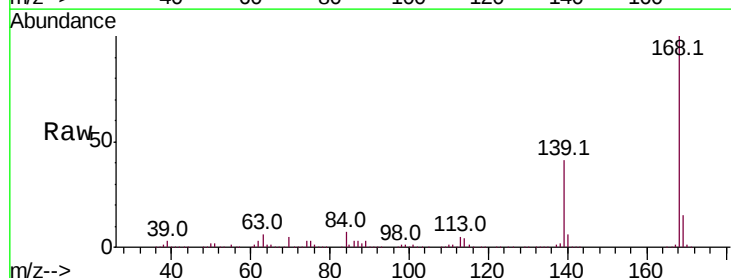


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

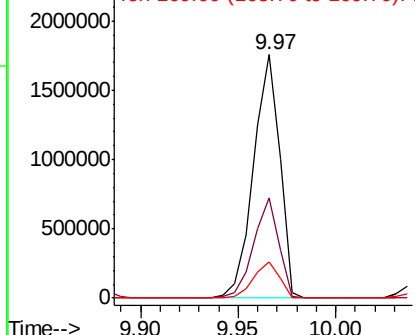
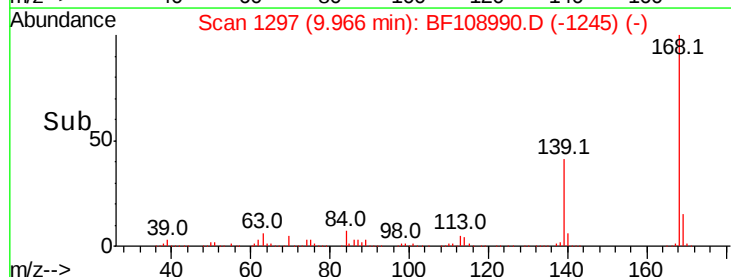


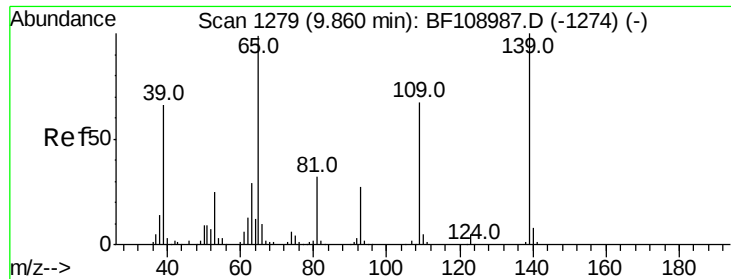
#54
 Dibenzofuran
 Concen: 68.383 ng
 RT: 9.97 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:168 Resp: 1635996
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.1 45.1
 169 15.1 10.9 16.3



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

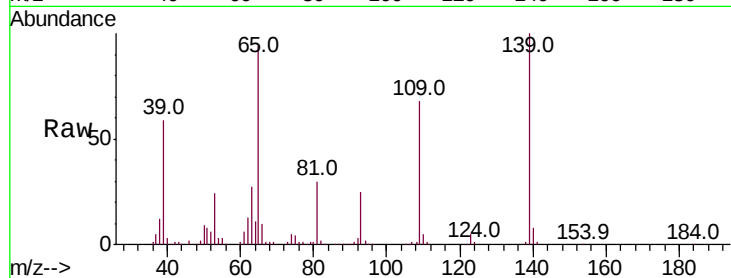




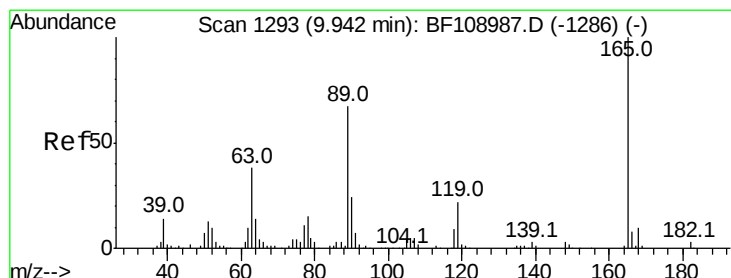
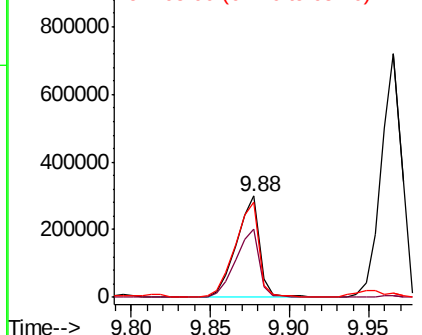
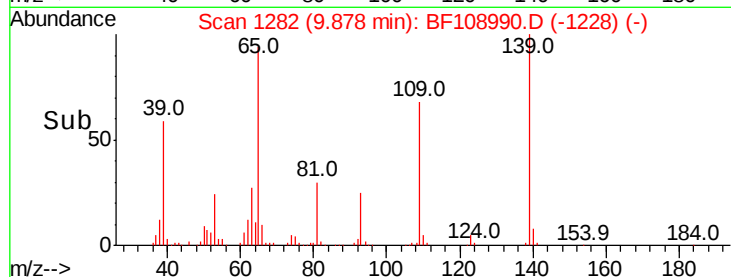
#55
4-Nitrophenol
Concen: 90.251 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 305892
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 93.7 72.6 112.6

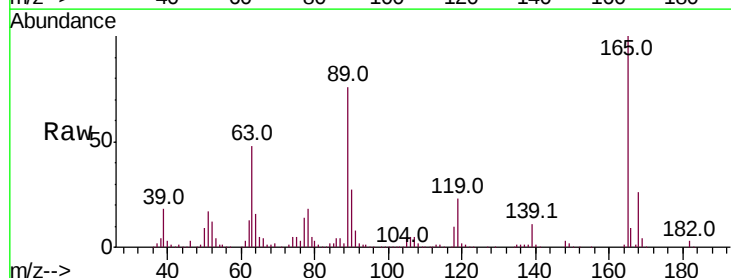


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

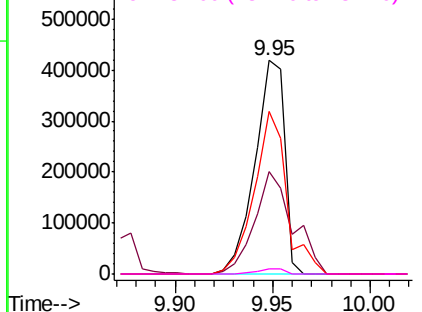
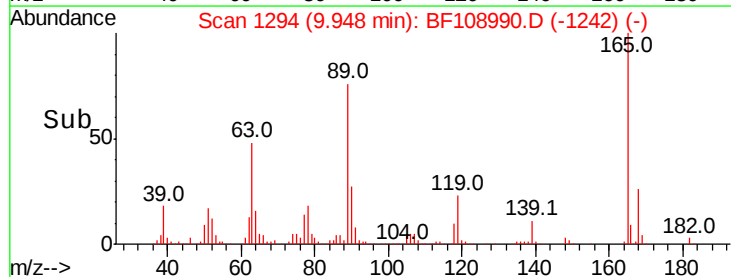


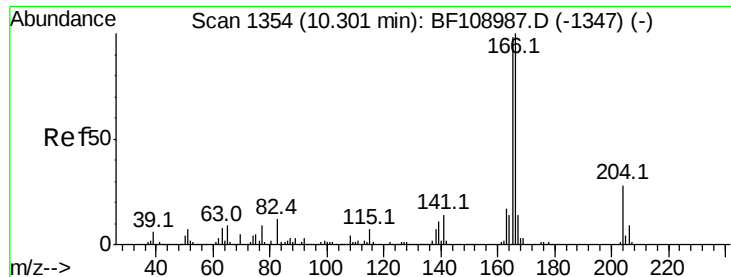
#56
2,4-Dinitrotoluene
Concen: 90.705 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:165 Resp: 441802
Ion Ratio Lower Upper
165 100
63 47.8 36.4 54.6
89 76.2 57.8 86.6
182 2.6 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

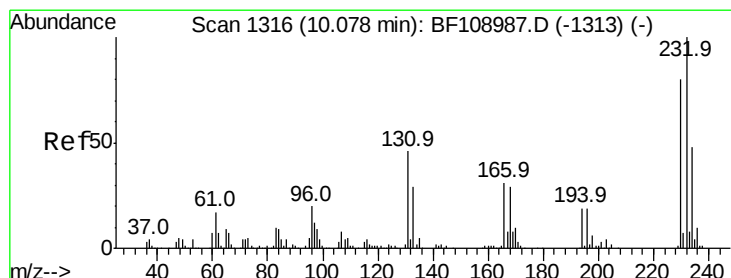
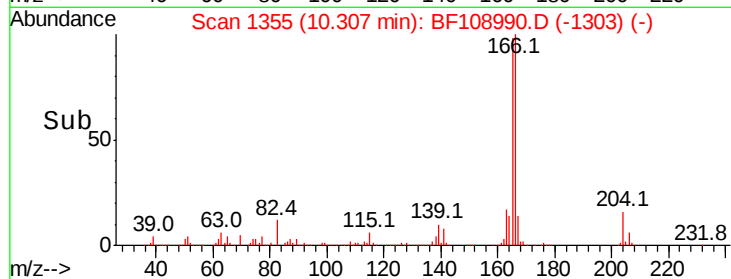
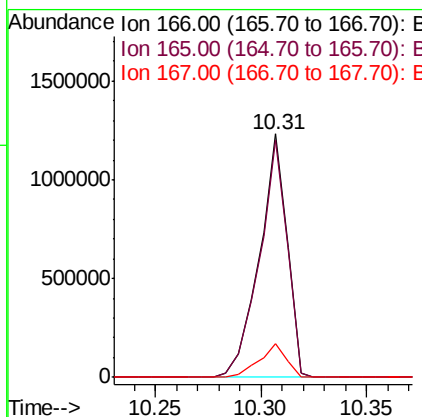
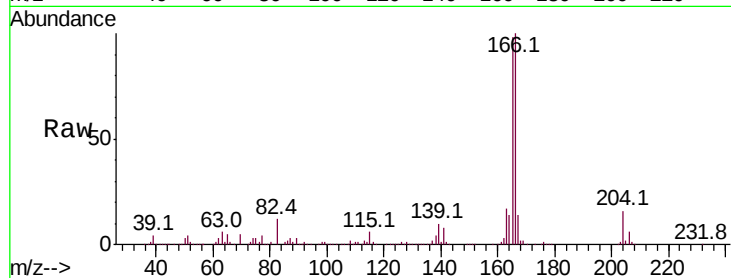




#57
 Fluorene
 Concen: 73.207 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

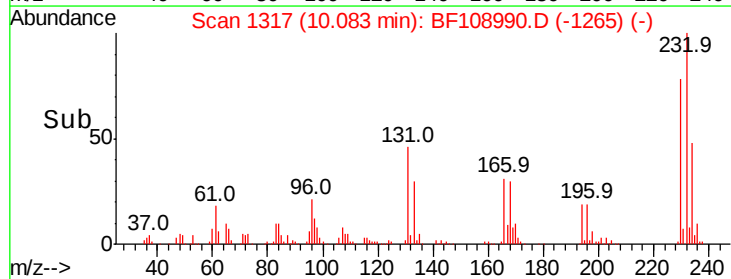
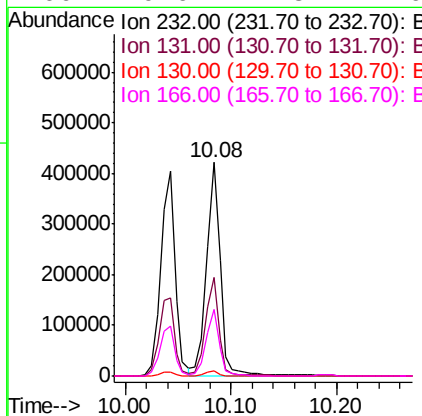
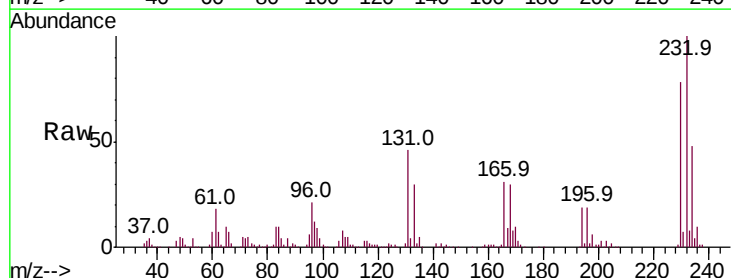
Instrument :
 BNA_F
 ClientSampleId :

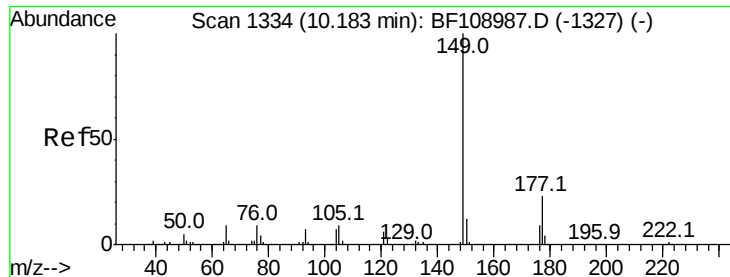
Tot Ion:166 Resp: 1123932
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 78.598 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:232 Resp: 382294
 Ion Ratio Lower Upper
 232 100
 131 44.3 43.8 65.8
 130 2.2 2.1 3.1
 166 29.6 27.8 41.6





#59

Diethylphthalate

Concen: 69.558 ng

RT: 10.19 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

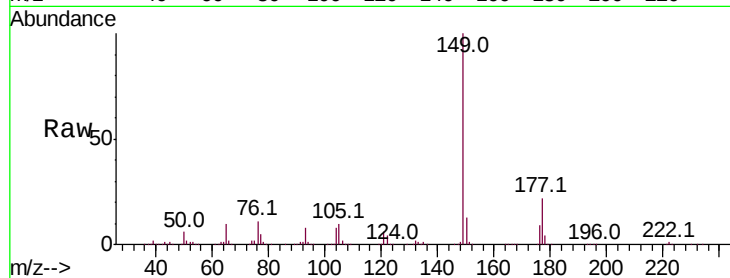
Tot Ion:149 Resp: 1434770

Ion Ratio Lower Upper

149 100

177 22.2 16.1 24.1

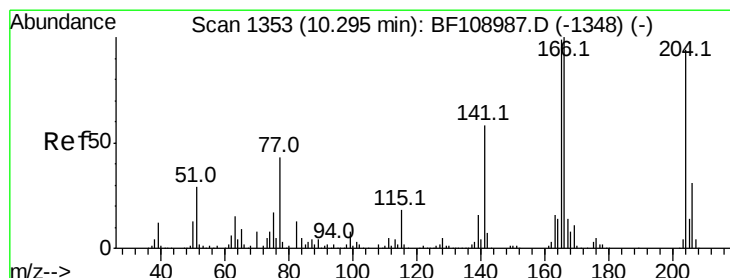
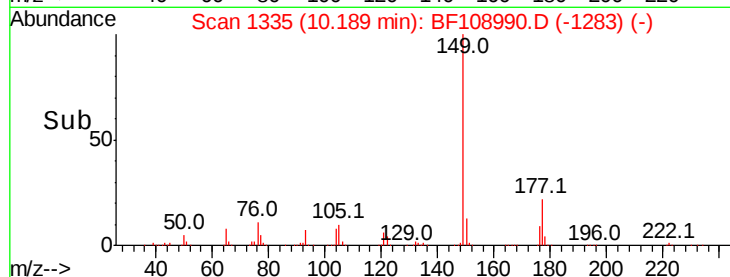
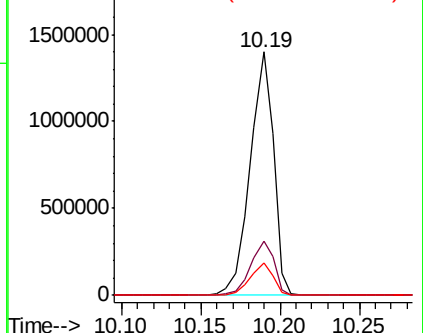
150 13.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 71.955 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

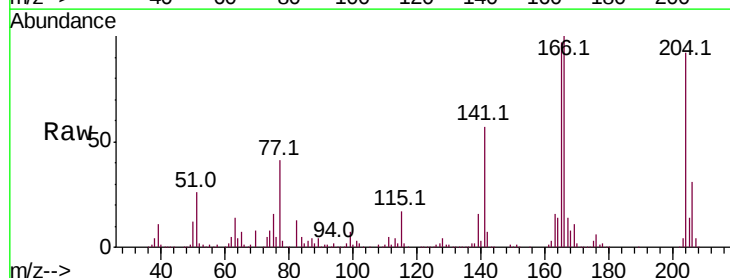
Tgt Ion:204 Resp: 589989

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

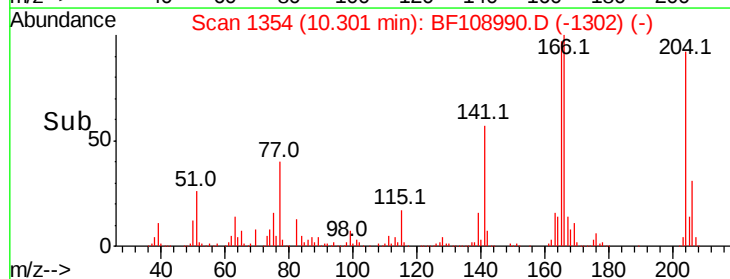
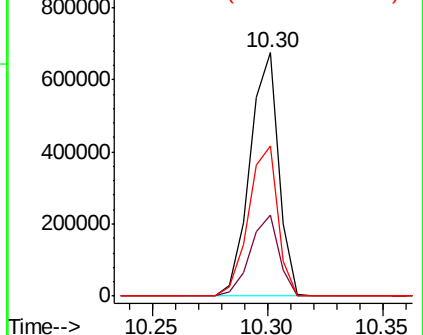
141 61.5 54.6 81.8

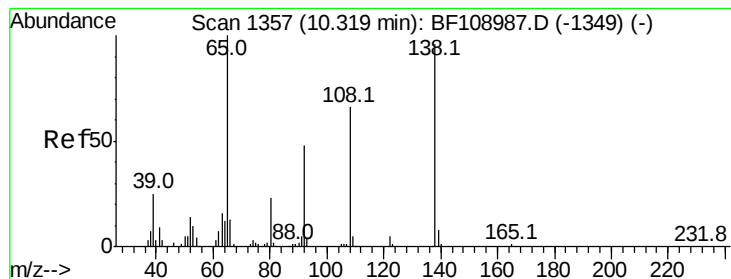


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 92.741 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.02 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampled :

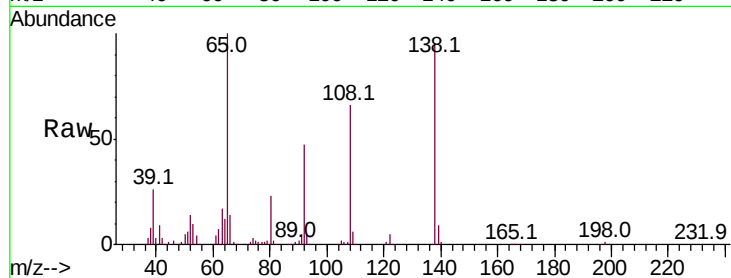
Tot Ion:138 Resp: 380903

Ion Ratio Lower Upper

138 100

92 49.4 30.2 70.2

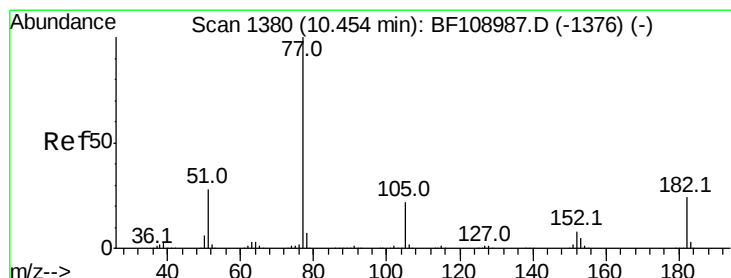
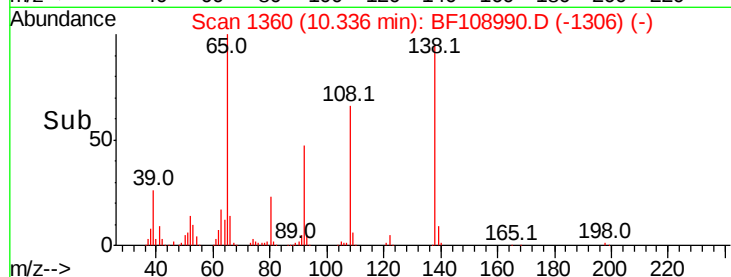
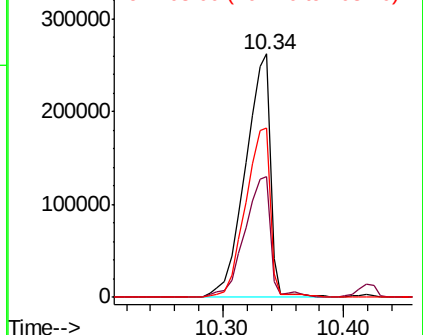
108 69.6 52.5 92.5



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



#62

Azobenzene

Concen: 68.024 ng

RT: 10.46 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Tgt Ion: 77 Resp: 1448329

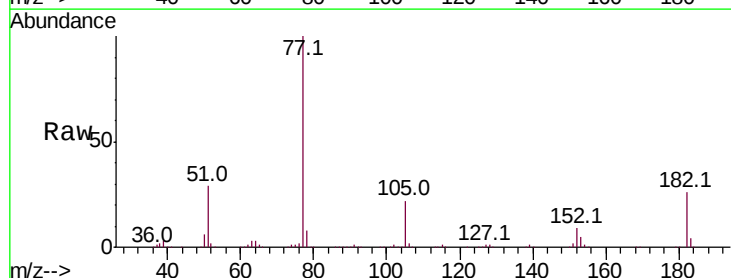
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 22.2 3.0 43.0

51 28.7 9.9 49.9

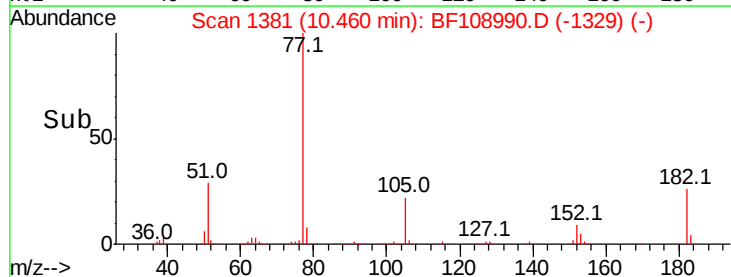
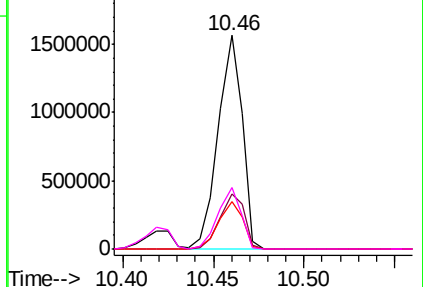


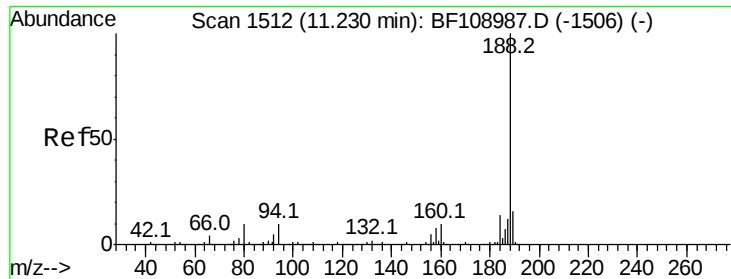
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

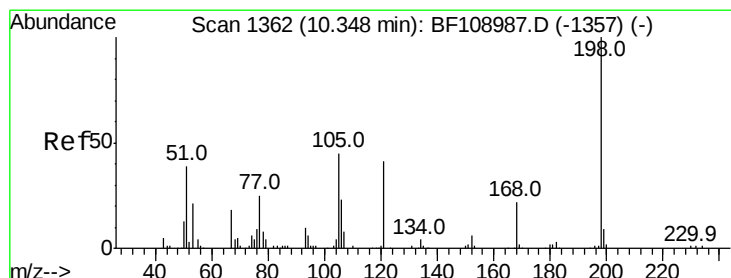
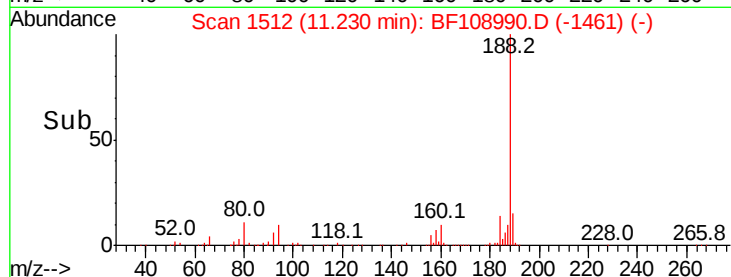
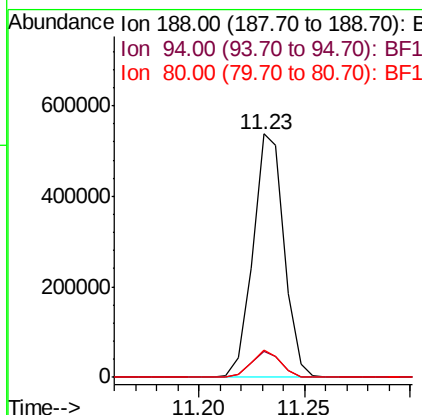
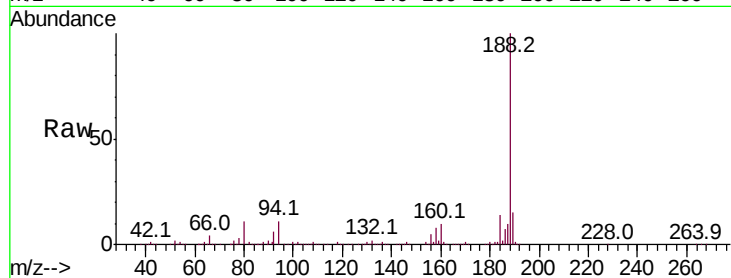




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

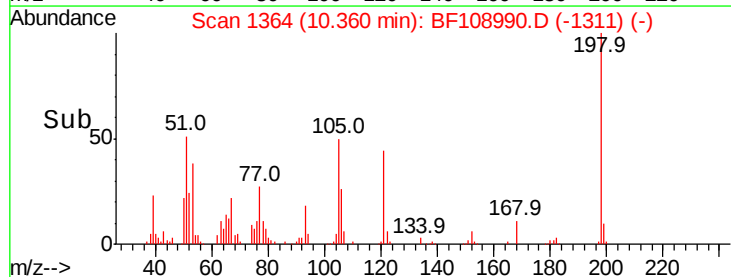
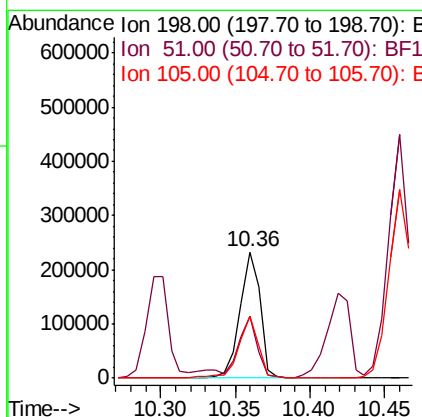
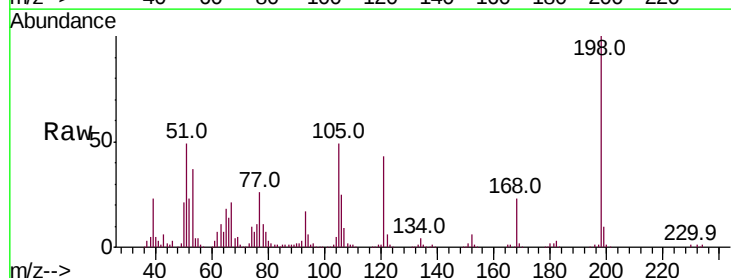
Instrument :
 BNA_F
 ClientSampleId :

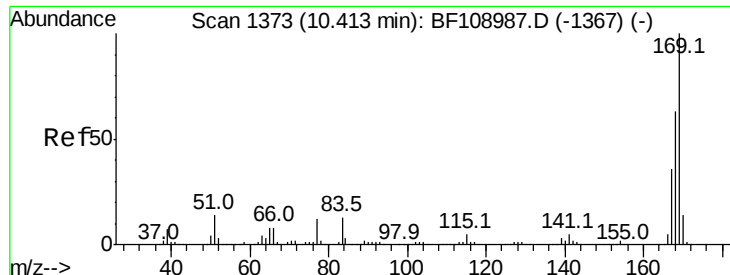
Tot Ion:188 Resp: 548101
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 114.340 ng
 RT: 10.36 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:198 Resp: 220870
 Ion Ratio Lower Upper
 198 100
 51 49.0 37.7 77.7
 105 48.8 36.3 76.3

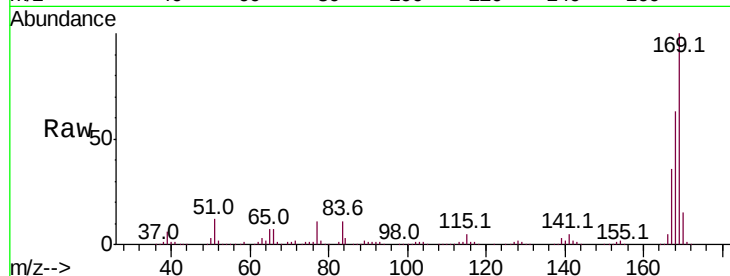




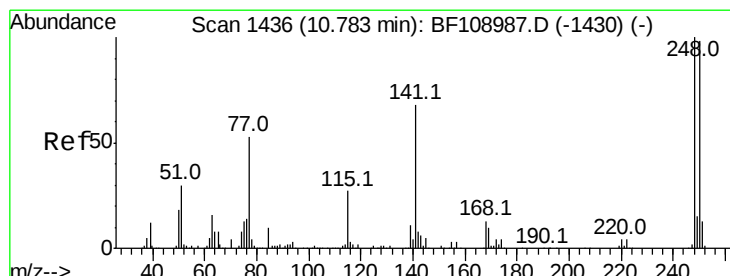
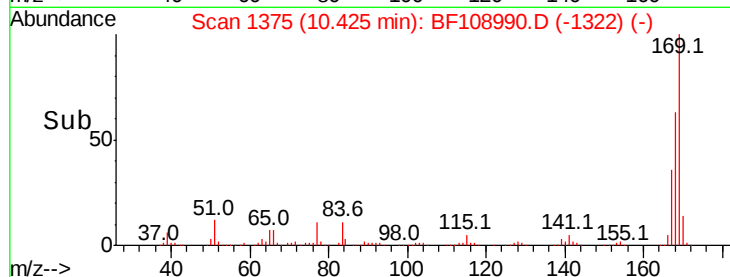
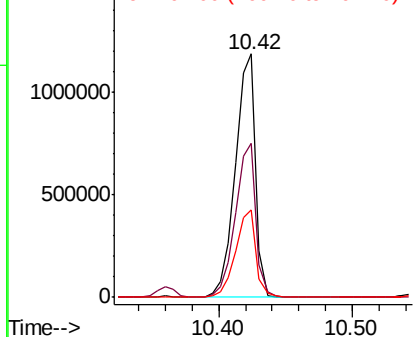
#65
 n-Nitrosodiphenylamine
 Concen: 68.829 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1254282
 Ion Ratio Lower Upper
 169 100
 168 63.3 54.4 81.6
 167 35.7 29.8 44.6

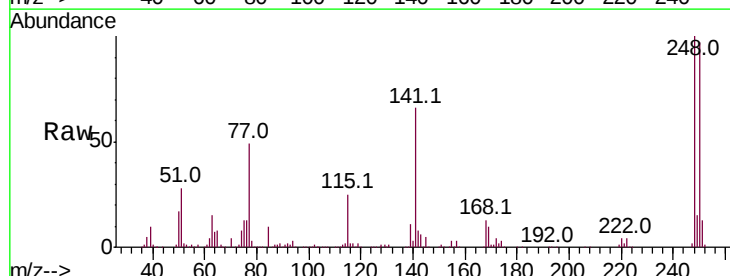


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

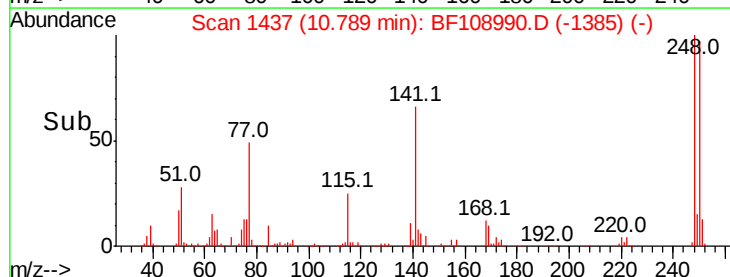
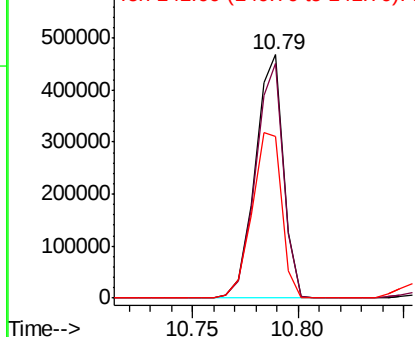


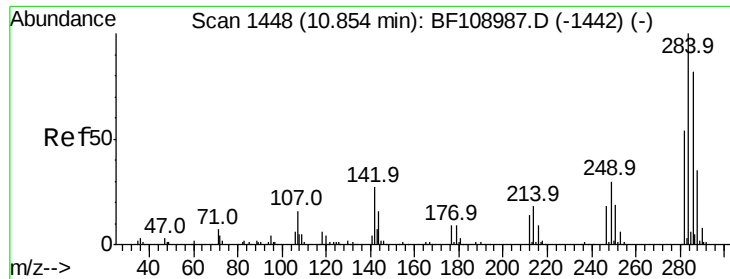
#66
 4-Bromophenyl-phenylether
 Concen: 70.430 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:248 Resp: 436001
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 66.3 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 70.934 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampled :

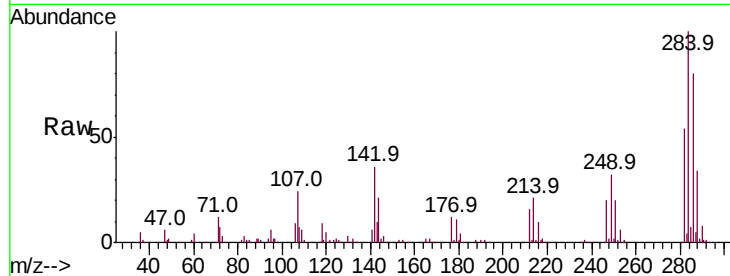
Tot Ion:284 Resp: 468760

Ion Ratio Lower Upper

284 100

142 35.6 34.6 52.0

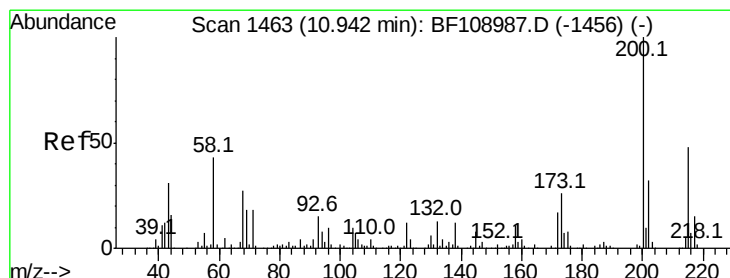
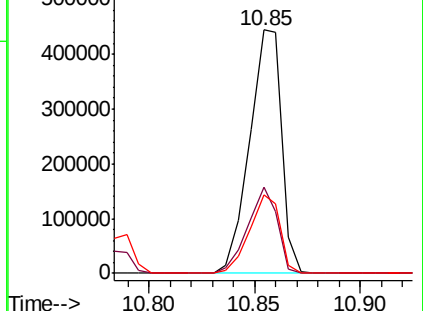
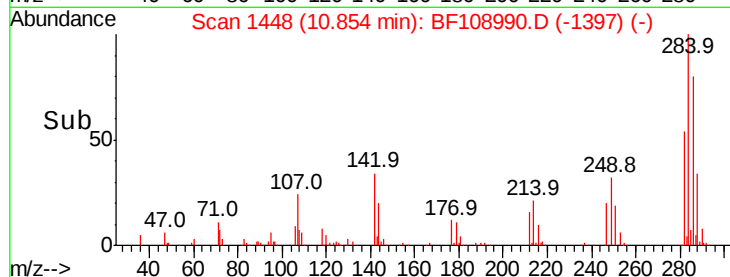
249 32.4 24.8 37.2



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



#68

Atrazine

Concen: 70.198 ng

RT: 10.95 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

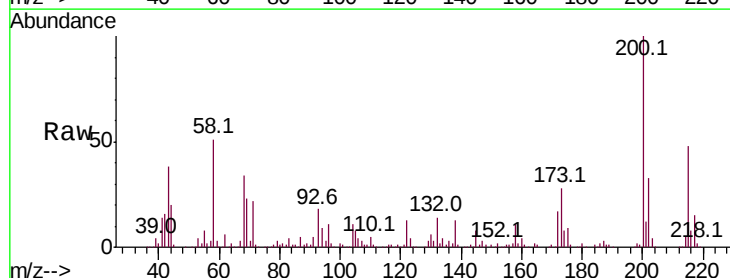
Tgt Ion:200 Resp: 409518

Ion Ratio Lower Upper

200 100

173 28.1 8.6 48.6

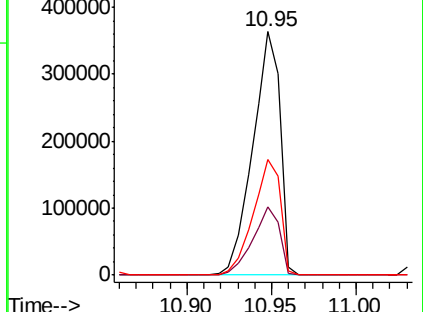
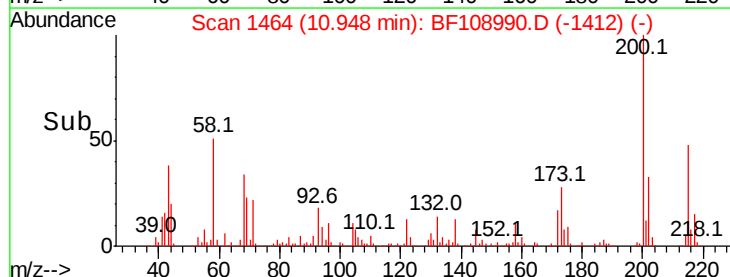
215 47.5 25.1 65.1

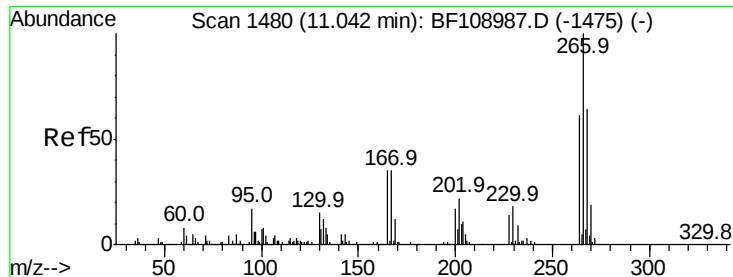


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

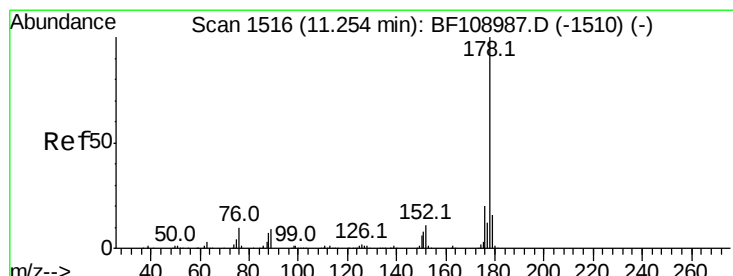
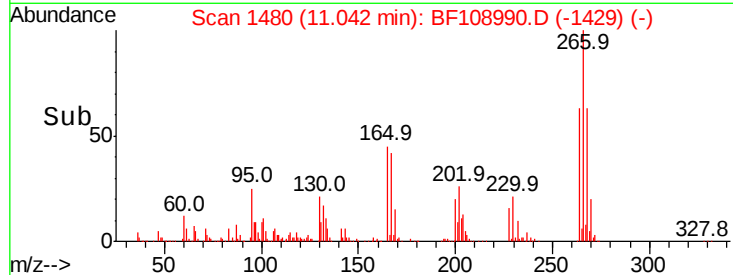
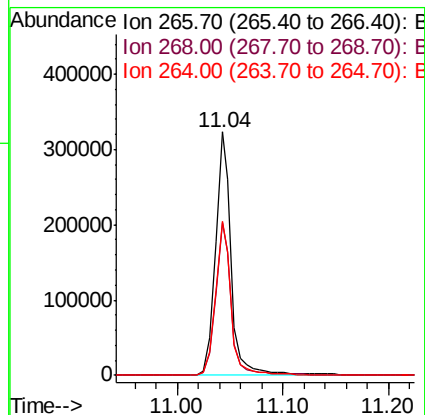
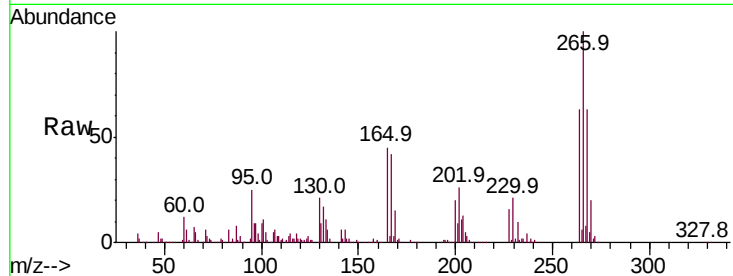




#69
 Pentachlorophenol
 Concen: 84.606 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

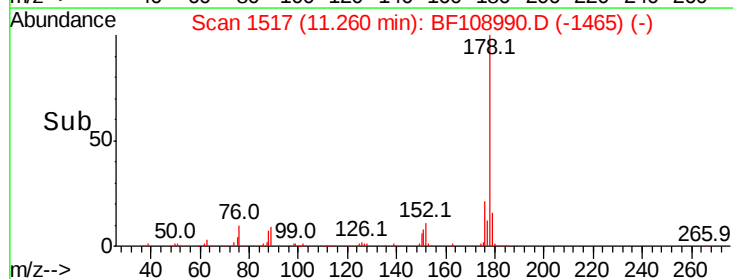
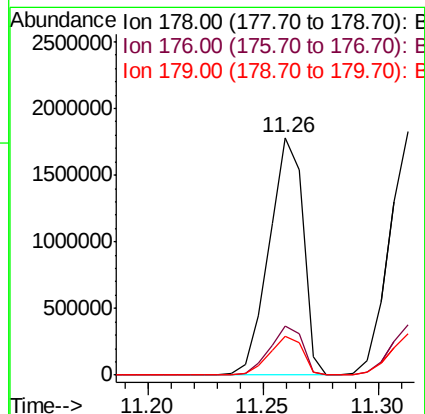
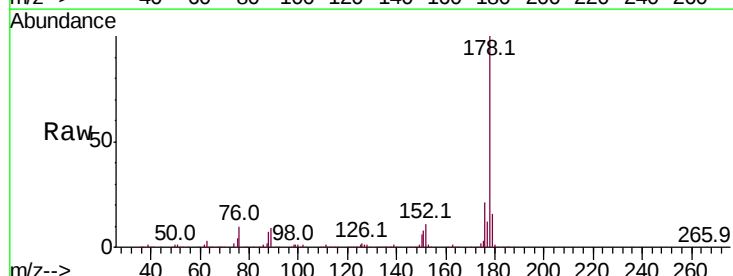
Instrument :
 BNA_F
 ClientSampled :

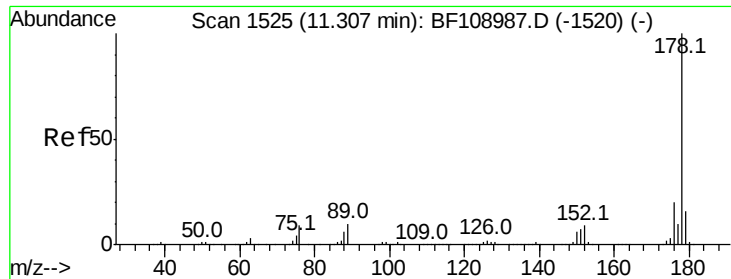
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 69.292 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.4	13.0	19.6

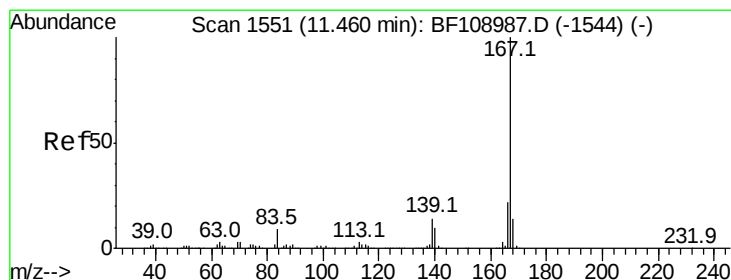
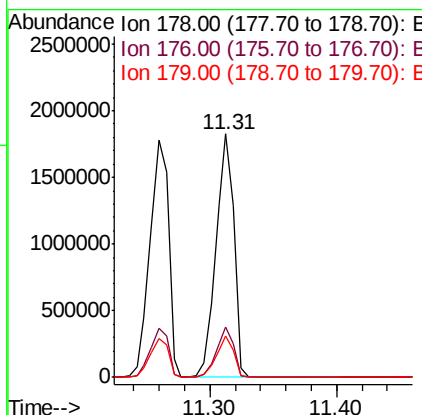
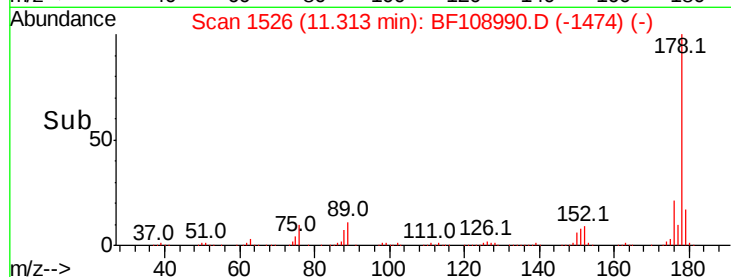
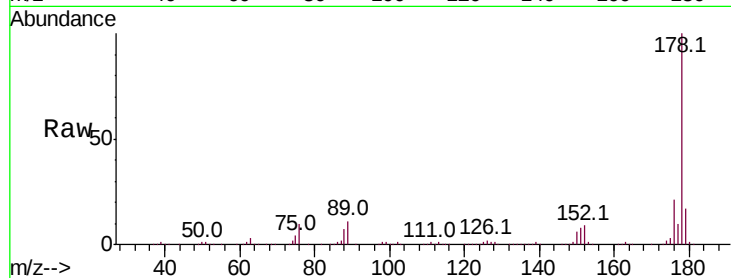




#71
 Anthracene
 Concen: 73.063 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

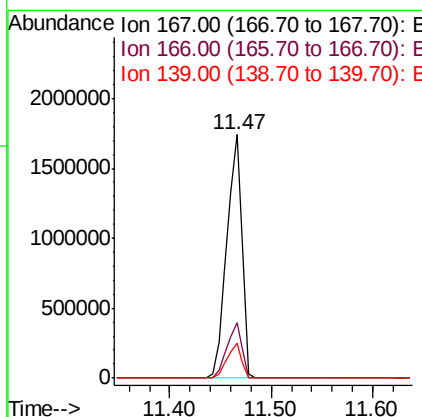
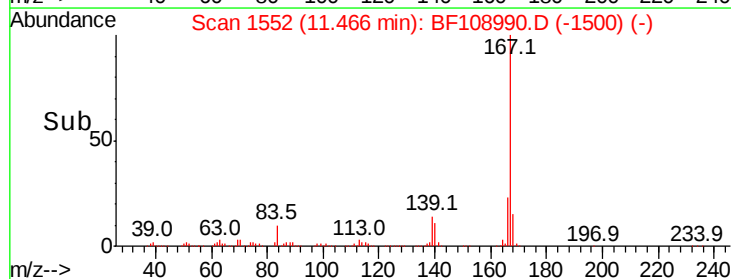
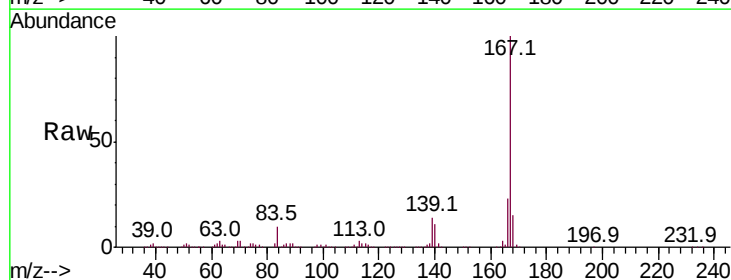
Instrument :
 BNA_F
 ClientSampled :

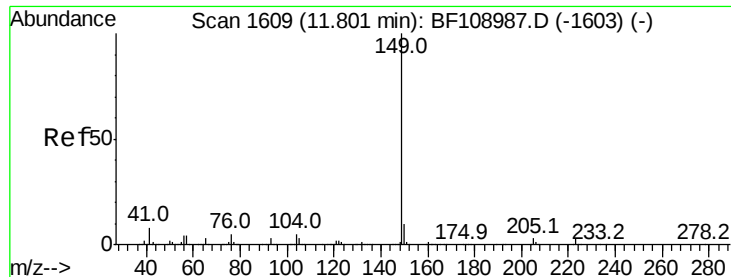
Tot Ion:178 Resp: 1830988
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 16.9 12.6 19.0



#72
 Carbazole
 Concen: 69.146 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:167 Resp: 1824897
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 14.1 10.9 16.3

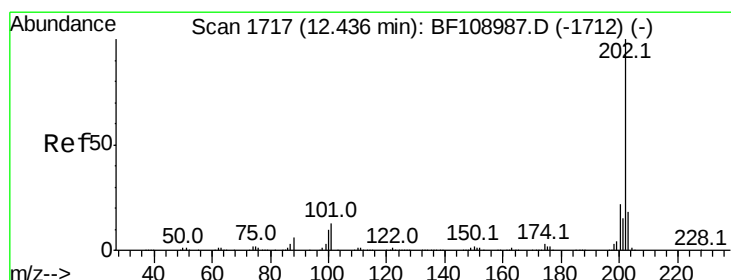
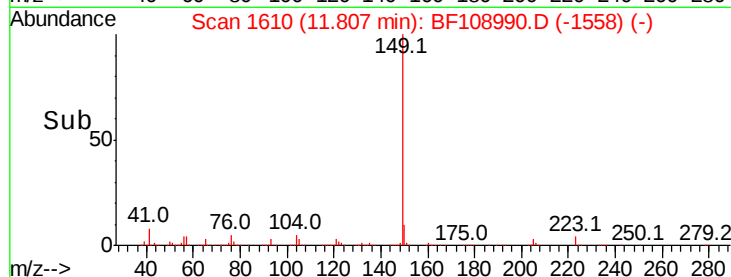
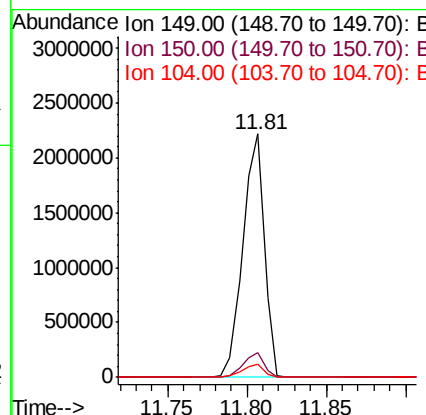
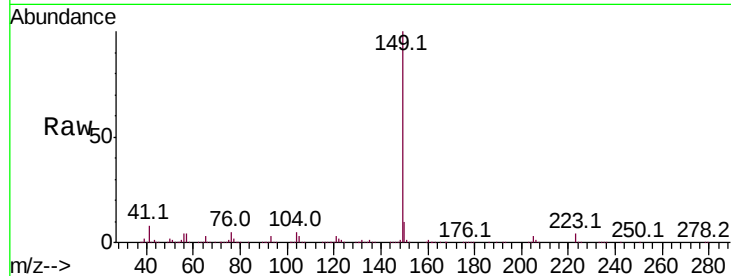




#73
Di-n-butylphthalate
Concen: 70.866 ng
RT: 11.81 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

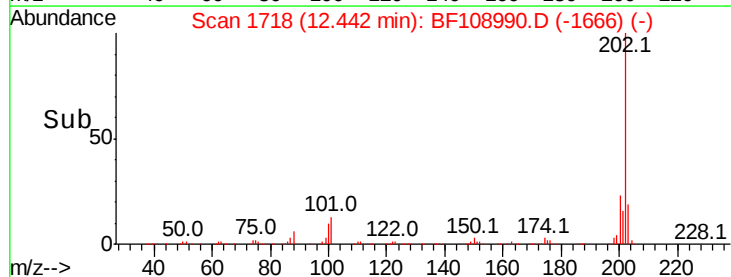
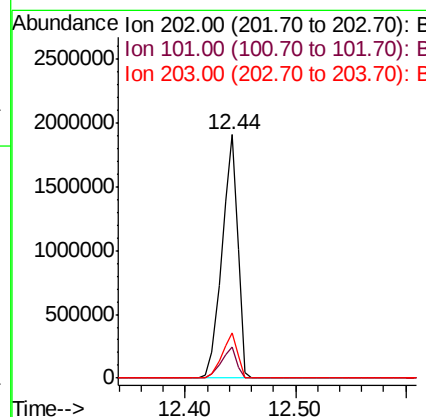
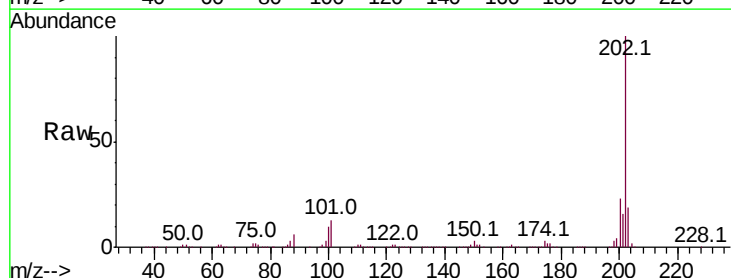
Instrument :
BNA_F
ClientSampleId :

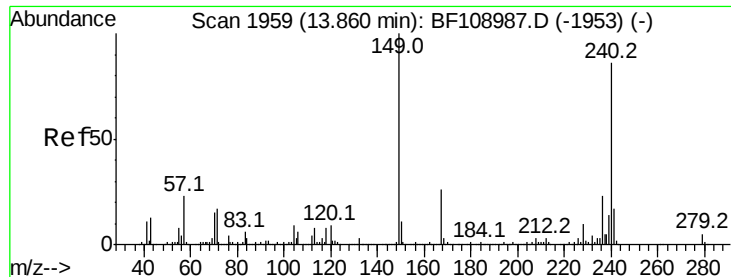
Tot Ion:149 Resp: 2076945
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.3 3.8 5.8



#74
Fluoranthene
Concen: 72.163 ng
RT: 12.44 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:202 Resp: 1870096
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.1
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

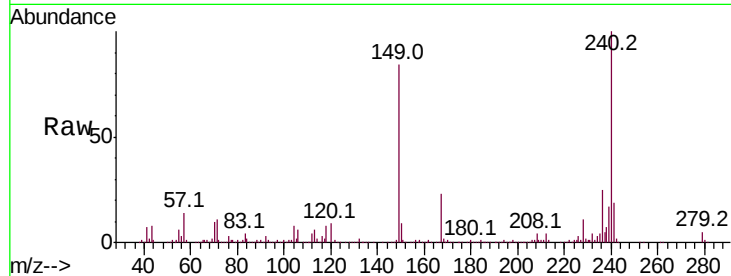
Tot Ion:240 Resp: 324937

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

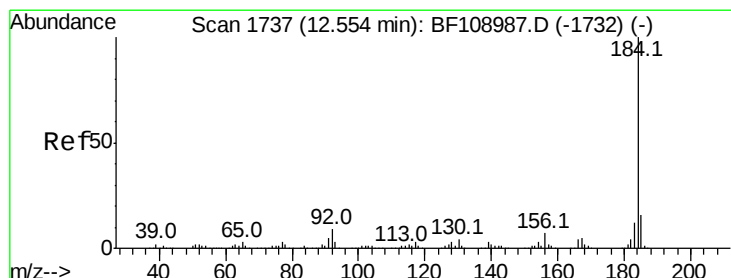
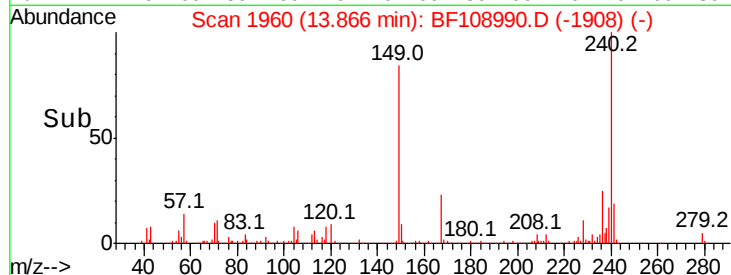
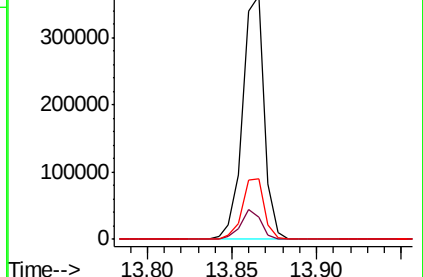
236 25.1 20.7 31.1



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



#76

Benzidine

Concen: 50.709 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

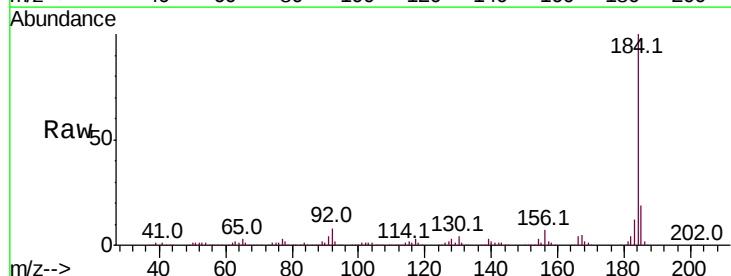
Tgt Ion:184 Resp: 780951

Ion Ratio Lower Upper

184 100

185 18.7 12.6 18.8

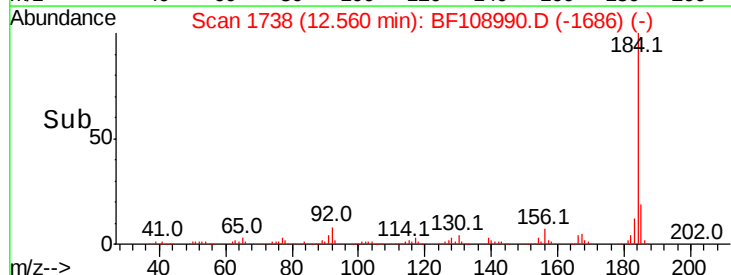
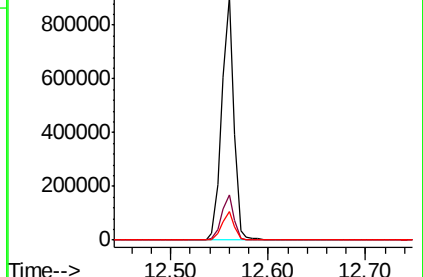
183 11.9 9.3 13.9

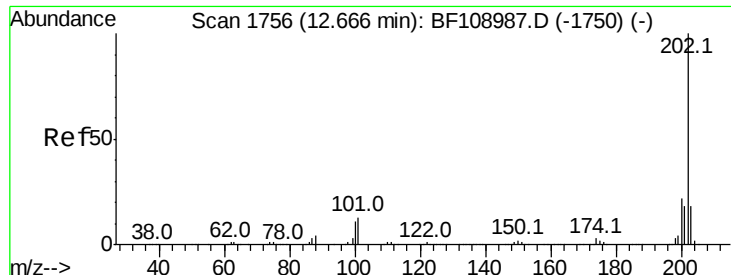


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 76.871 ng

RT: 12.67 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

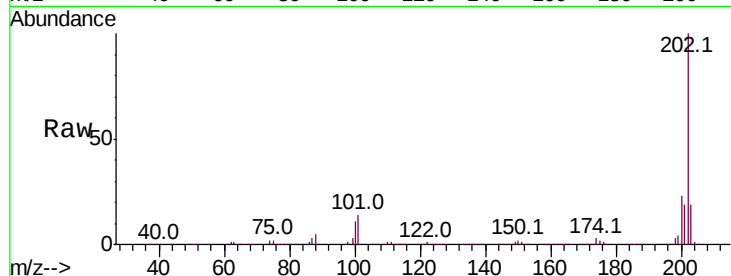
Tot Ion:202 Resp: 1922030

Ion Ratio Lower Upper

202 100

200 23.2 17.4 26.2

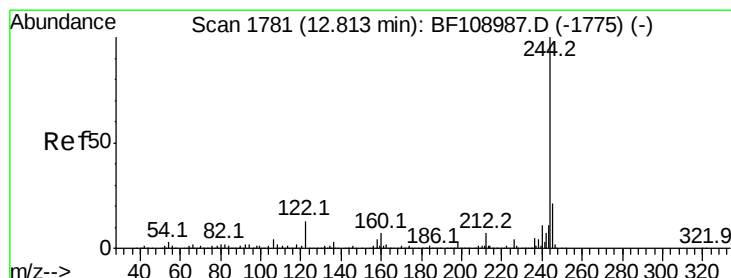
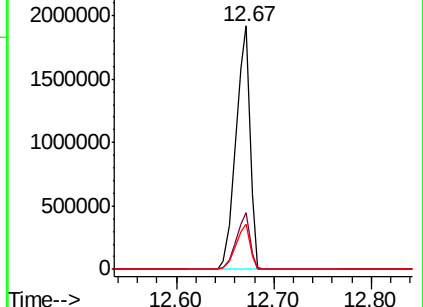
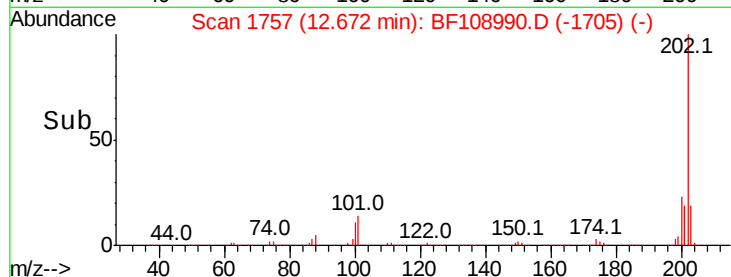
203 18.6 14.3 21.5



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



#78

Terphenyl-d14

Concen: 151.289 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

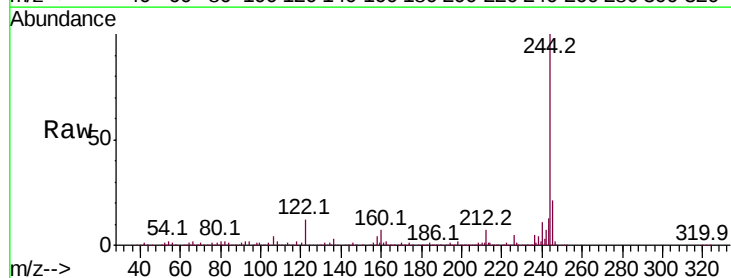
Tgt Ion:244 Resp: 2108119

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

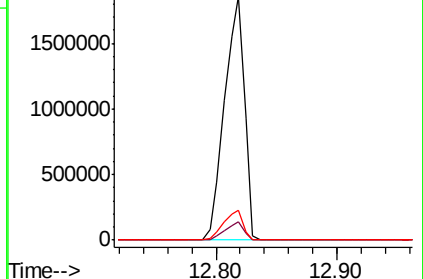
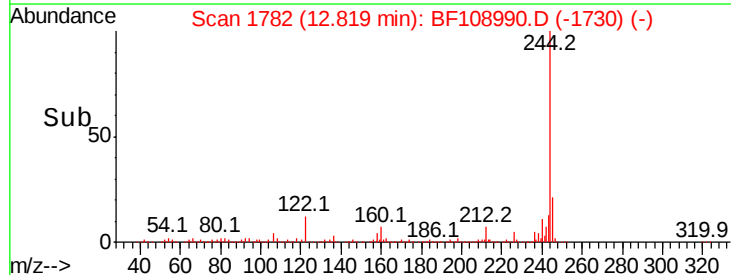
122 12.0 11.0 16.4

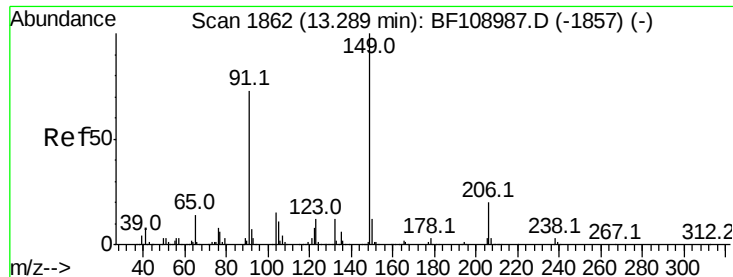


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

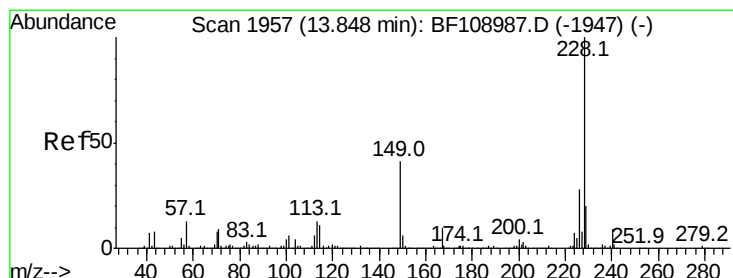
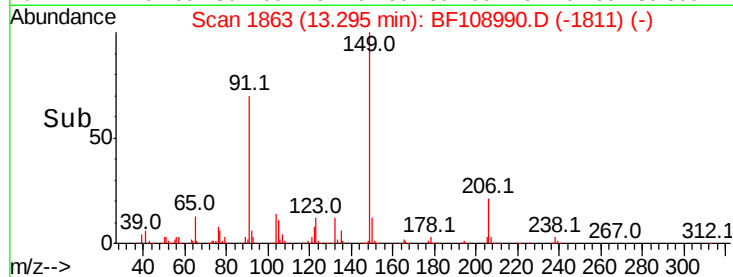
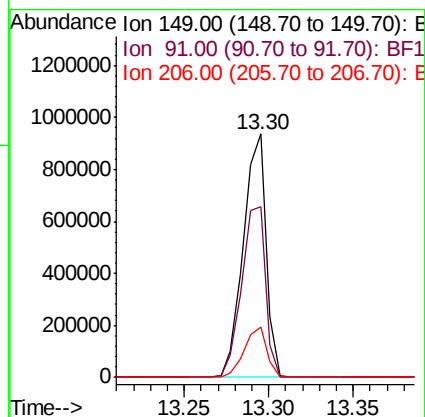
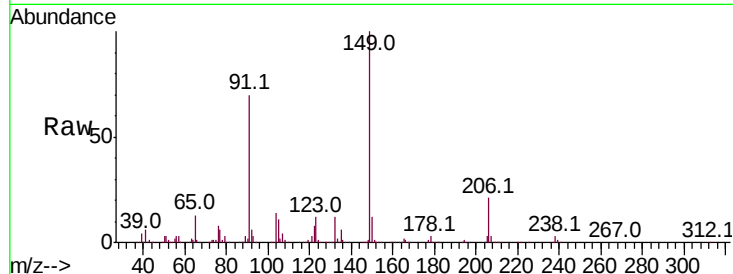




#79
Butylbenzylphthalate
Concen: 78.408 ng
RT: 13.30 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

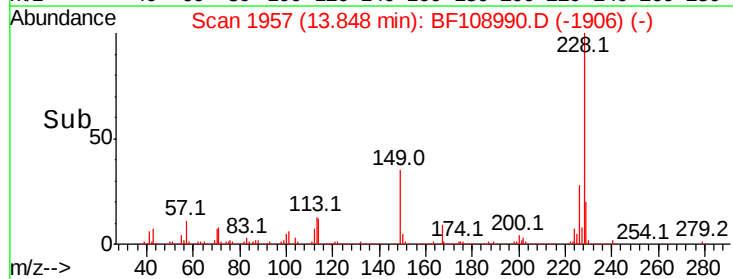
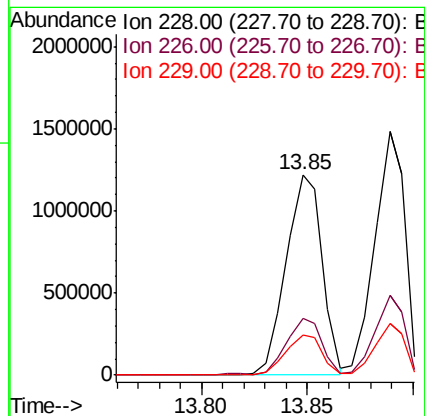
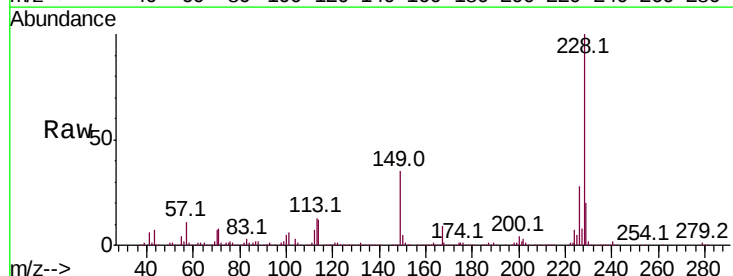
Instrument :
BNA_F
ClientSampleId :

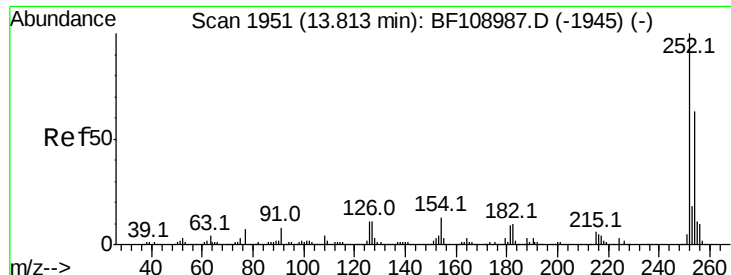
Tot Ion:149 Resp: 882858
Ion Ratio Lower Upper
149 100
91 69.9 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 69.664 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:228 Resp: 1450917
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6

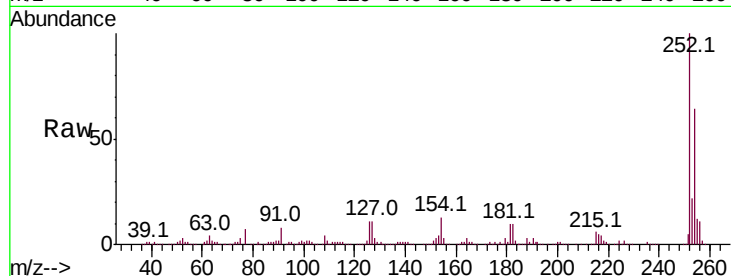




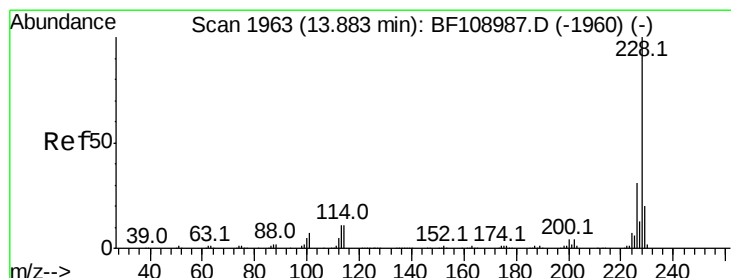
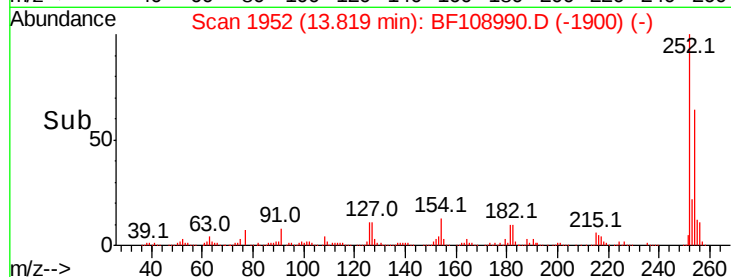
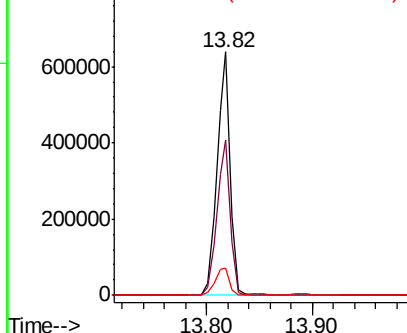
#81
 3,3'-Dichlorobenzidine
 Concen: 69.380 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 562984
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 11.1 11.3 16.9#

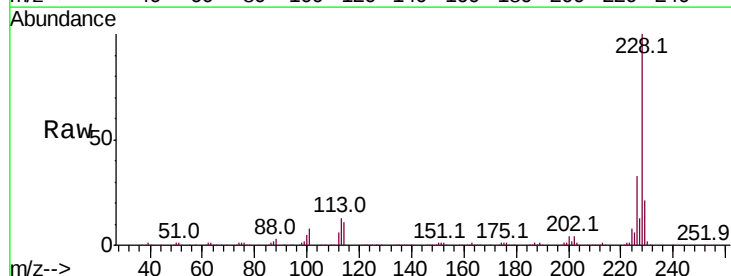


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

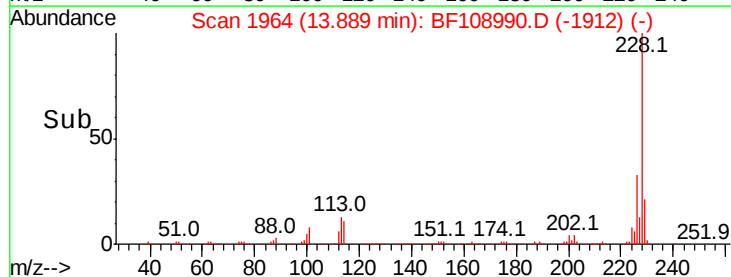
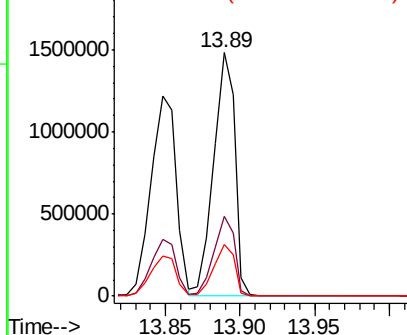


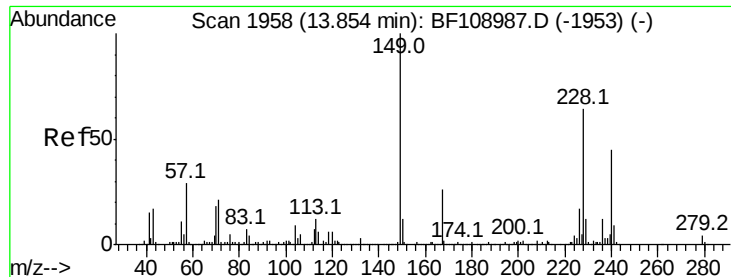
#82
 Chrysene
 Concen: 73.100 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:228 Resp: 1473871
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.0 37.6
 229 21.1 16.2 24.4



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

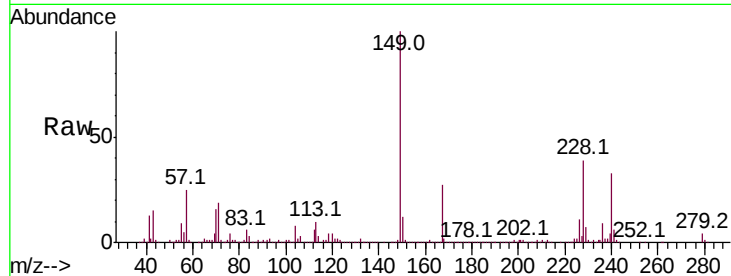




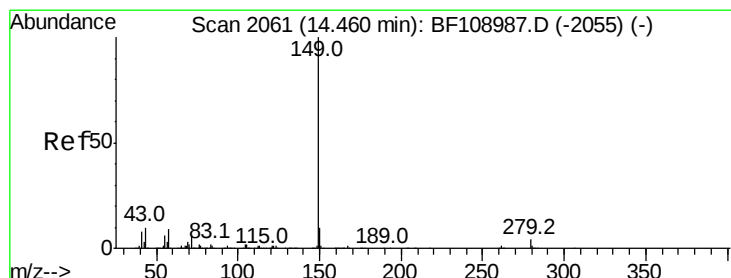
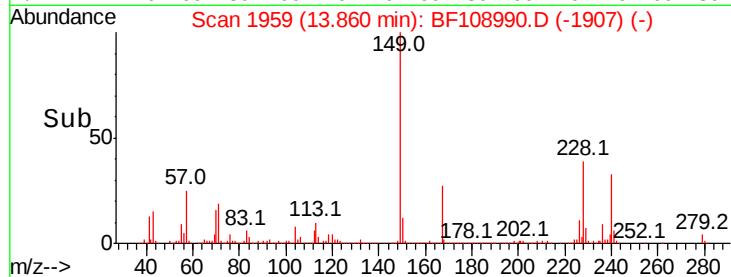
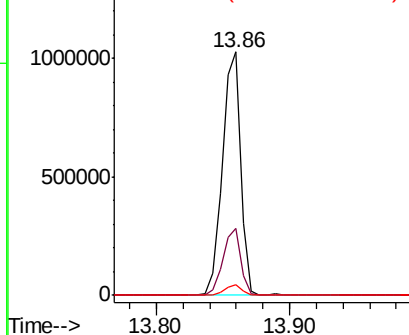
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 70.576 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.4	3.0	4.4

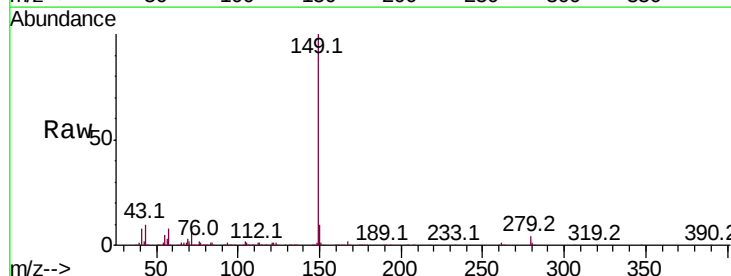


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

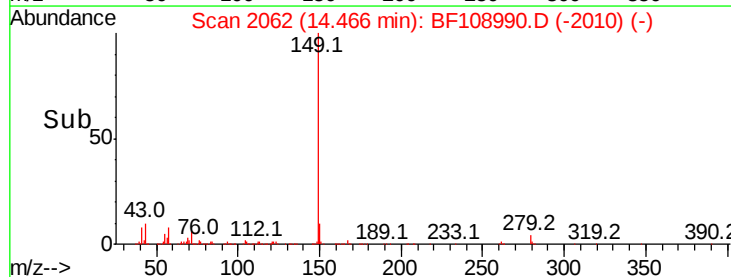
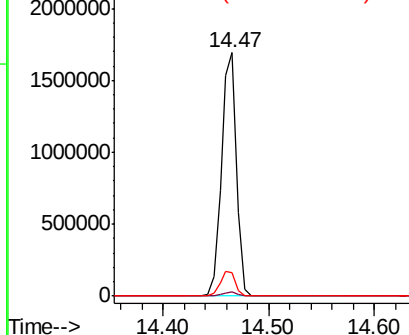


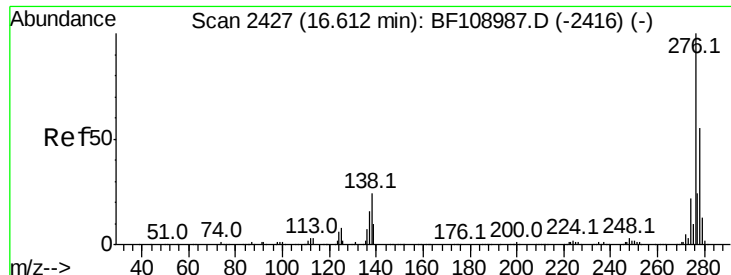
#84
 Di-n-octyl phthalate
 Concen: 71.116 ng
 RT: 14.47 min Scan# 2062
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6



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

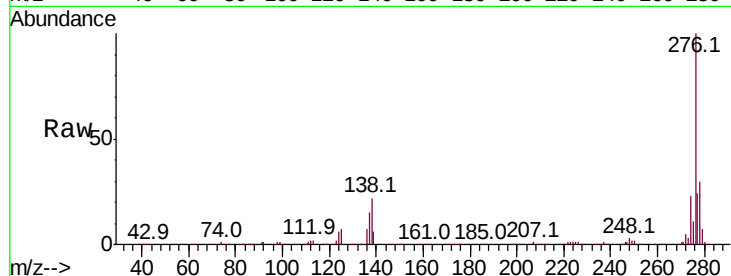




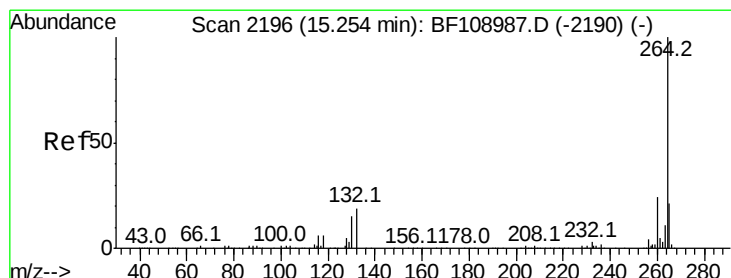
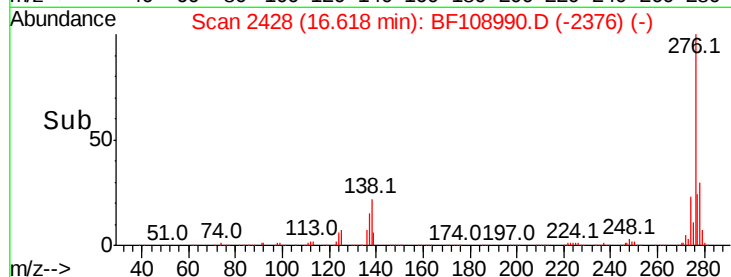
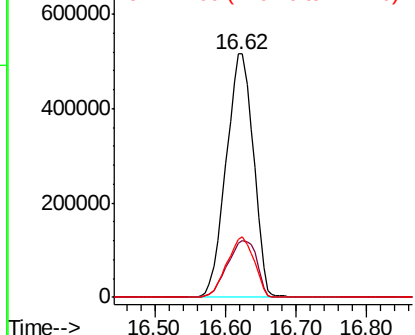
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.775 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1387778
 Ion Ratio Lower Upper
 276 100
 138 25.3 25.0 37.6
 277 24.7 20.1 30.1

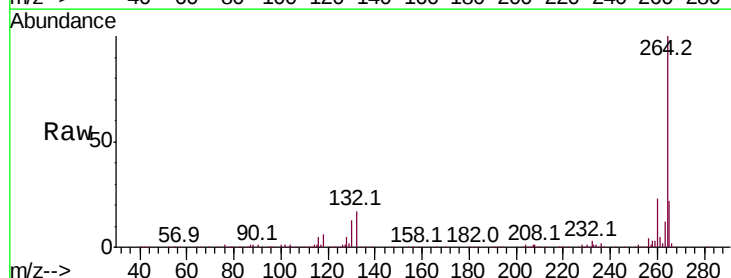


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

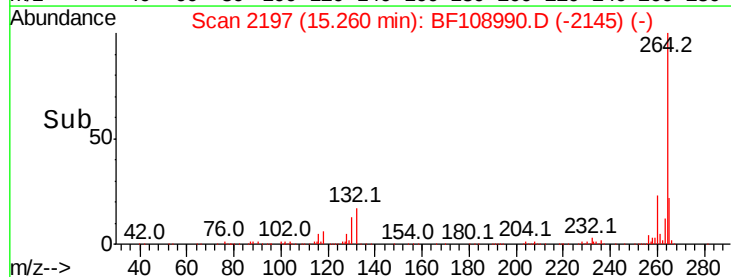
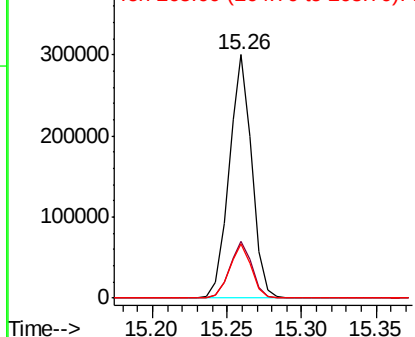


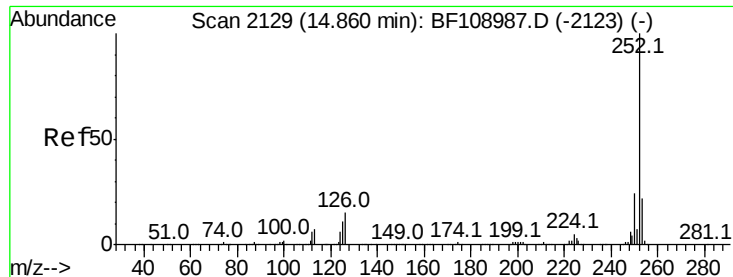
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF108990.D
 Acq: 14 Sep 2018 12:19

Tgt Ion:264 Resp: 319608
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.1 17.5 26.3



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

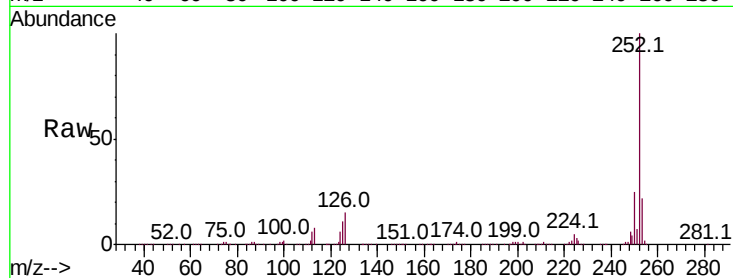




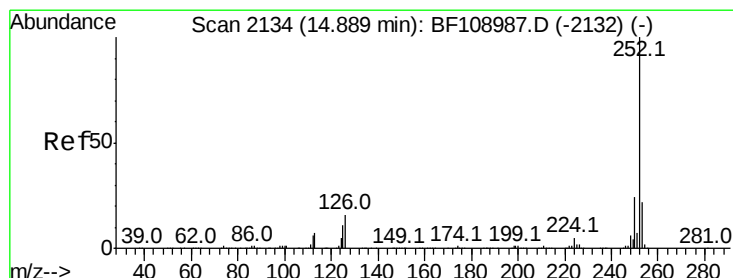
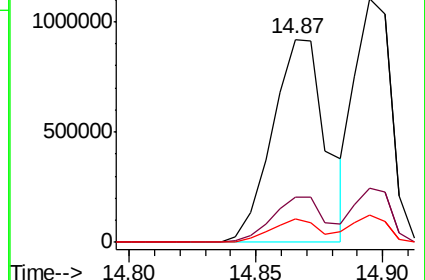
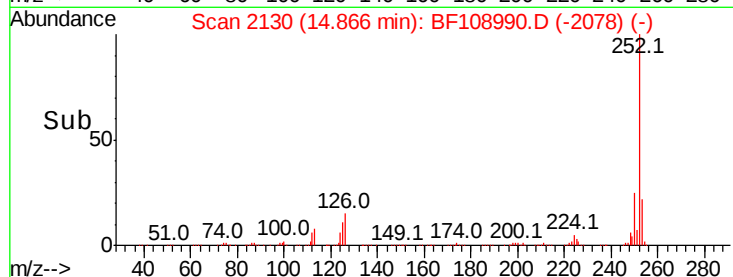
#87
Benzo(b)fluoranthene
Concen: 78.015 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1355805
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.4 9.0 13.6

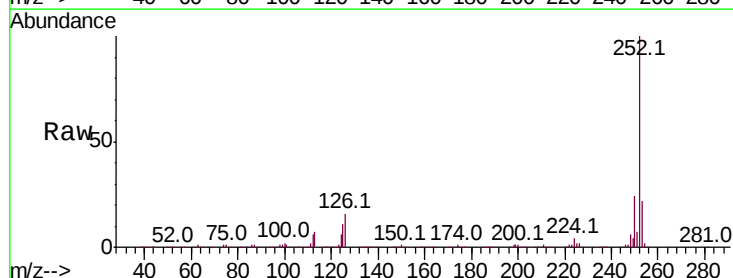


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

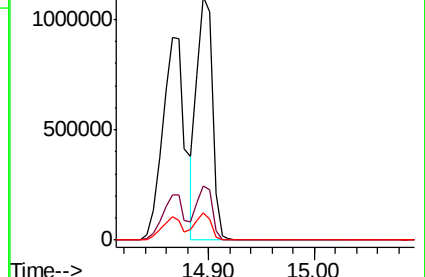
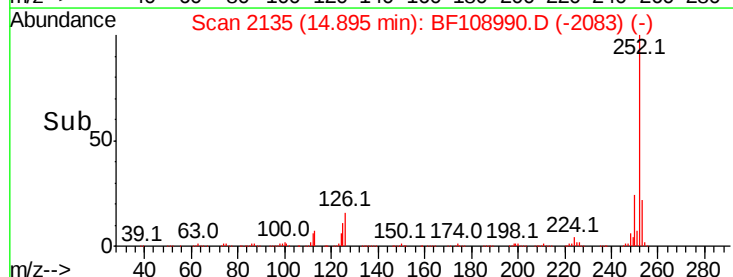


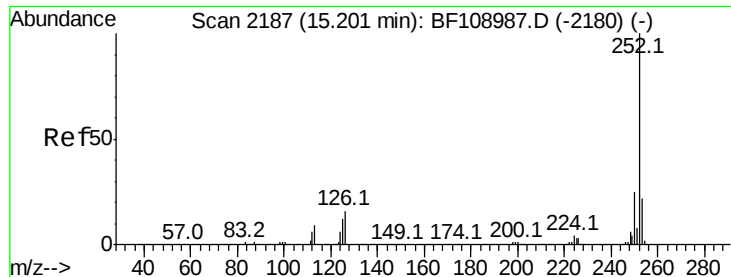
#88
Benzo(k)fluoranthene
Concen: 69.319 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF108990.D
Acq: 14 Sep 2018 12:19

Tgt Ion:252 Resp: 1109406
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 73.165 ng

RT: 15.21 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampled :

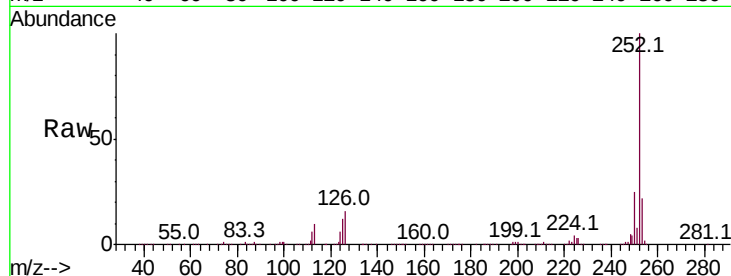
Tot Ion:252 Resp: 1147314

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

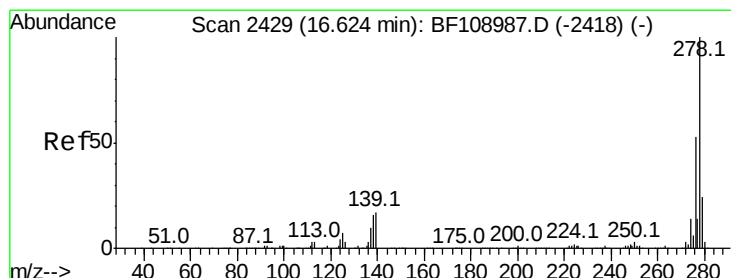
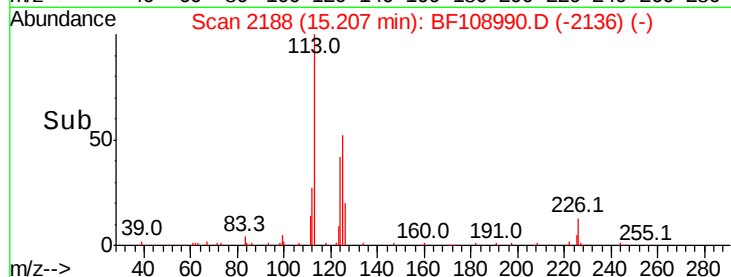
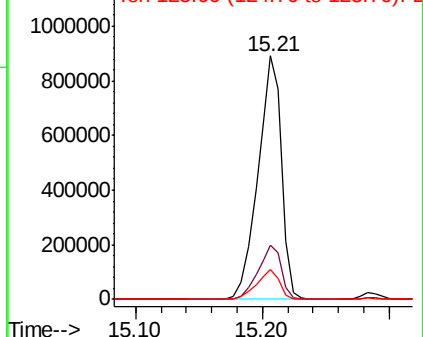
125 12.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 80.105 ng

RT: 16.64 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

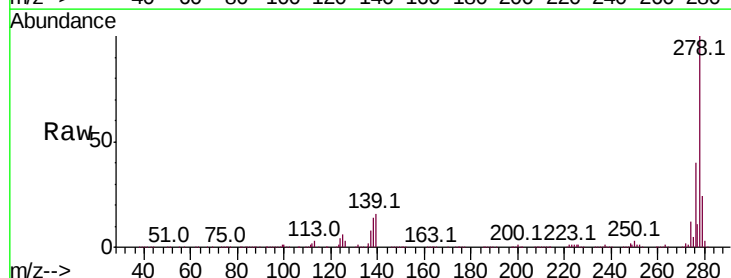
Tgt Ion:278 Resp: 1106854

Ion Ratio Lower Upper

278 100

139 16.0 15.9 23.9

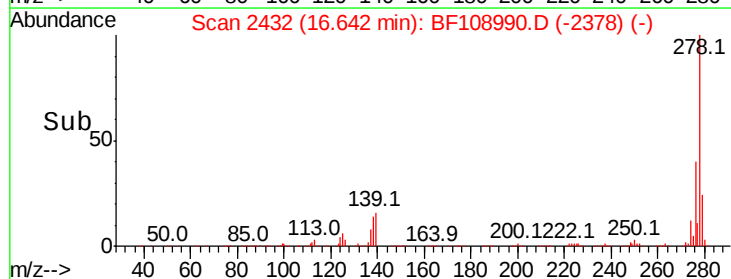
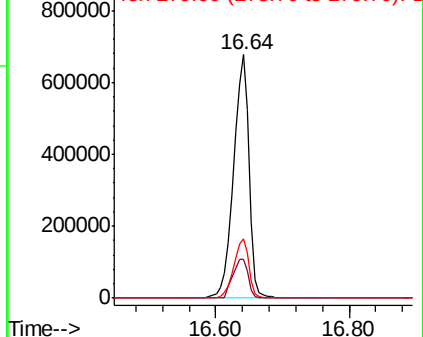
279 24.4 19.0 28.4

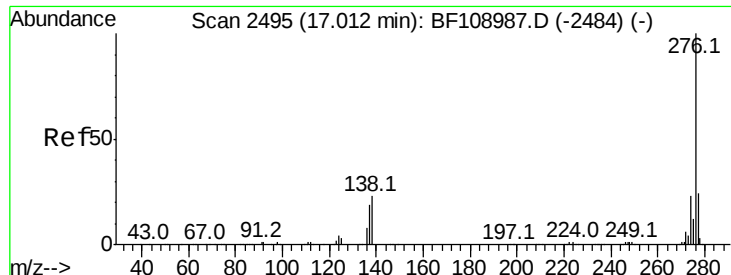


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 85.571 ng

RT: 17.04 min Scan# 2499

Delta R.T. 0.02 min

Lab File: BF108990.D

Acq: 14 Sep 2018 12:19

Instrument :

BNA_F

ClientSampleId :

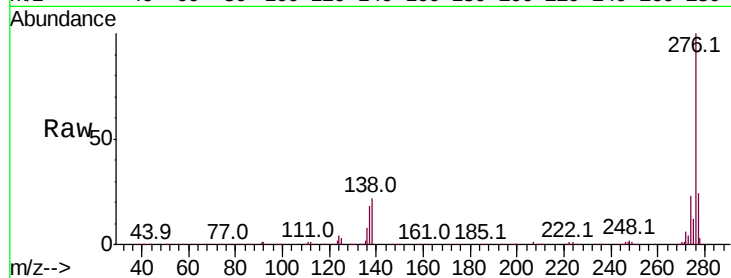
Tot Ion:276 Resp: 1183865

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 21.8 21.8 32.8#



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

