

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108784.D
 Acq On : 5 Sep 2018 19:50
 Operator : JU/SJ
 Sample : J4741-17MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:24:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	257085	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	980997	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	456581	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	793822	20.00	ng	0.00
75) Chrysene-d12	13.87	240	460364	20.00	ng	0.00
86) Perylene-d12	15.27	264	584766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1549406	99.84	ng	0.00
7) Phenol-d6	6.37	99	2058936	103.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	1251109	79.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	464279	106.52	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2090558	78.11	ng	0.00
78) Terphenyl-d14	12.82	244	1717259	86.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	222235	29.799	ng	94
3) Pyridine	3.13	79	115	0.006	ng	# 9
4) n-Nitrosodimethylamine	3.07	42	316456	40.340	ng	93
6) Aniline	6.47	93	685160	25.514	ng	# 55
8) 2-Chlorophenol	6.52	128	651661	37.939	ng	98
9) Benzaldehyde	6.28	77	413934	29.222	ng	97
10) Phenol	6.38	94	792493	34.653	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	685160	37.400	ng	96
12) 1,3-Dichlorobenzene	6.68	146	674231	34.397	ng	99
13) 1,4-Dichlorobenzene	6.75	146	684912	34.941	ng	98
14) 1,2-Dichlorobenzene	6.91	146	645885	35.748	ng	96
15) Benzyl Alcohol	6.88	79	590481	38.536	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	986319	36.017	ng	96
17) 2-Methylphenol	6.99	107	562206	38.730	ng	97
18) Hexachloroethane	7.25	117	241567	34.178	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	480147	34.595	ng	98
20) 3+4-Methylphenols	7.14	107	649522	38.197	ng	# 61
22) Acetophenone	7.14	105	873387	39.229	ng	# 91
24) Nitrobenzene	7.31	77	688806	40.953	ng	100
25) Isophorone	7.55	82	1310698	41.918	ng	97
26) 2-Nitrophenol	7.63	139	310196	46.812	ng	99
27) 2,4-Dimethylphenol	7.67	122	599923	44.584	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	846686	40.501	ng	99
29) 2,4-Dichlorophenol	7.87	162	555354	40.025	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	557680	37.087	ng	97
31) Naphthalene	8.04	128	1803506	40.863	ng	98
32) Benzoic acid	7.76	122	131247	18.884	ng	97
33) 4-Chloroaniline	8.12	127	716080	35.327	ng	97
34) Hexachlorobutadiene	8.17	225	322123	35.859	ng	98
35) Caprolactam	8.45	113	173205	36.839	ng	# 83
36) 4-Chloro-3-methylphenol	8.57	107	583713	39.491	ng	100
37) 2-Methylnaphthalene	8.72	142	1235209	42.363	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	523542	38.359	ng	98
40) Hexachlorocyclopentadiene	8.89	237	301016	43.840	ng	99

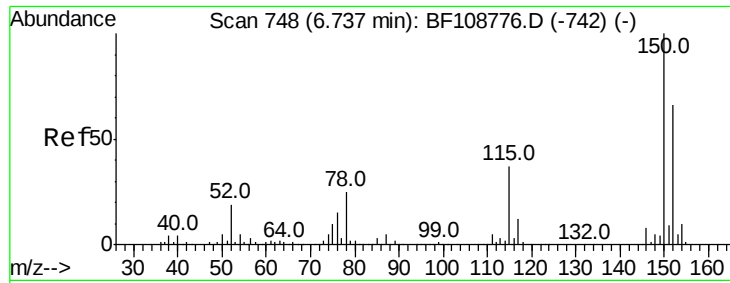
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	386083	41.530	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	404514	41.978	nq	97
45) 1,1'-Biphenyl	9.19	154	1417630	40.330	nq	98
46) 2-Chloronaphthalene	9.21	162	1118434	39.343	nq	99
47) 2-Nitroaniline	9.30	65	347577	44.756	nq	93
48) Acenaphthylene	9.62	152	1774853	41.885	nq	98
49) Dimethylphthalate	9.50	163	1825463	57.162	nq	# 98
50) 2,6-Dinitrotoluene	9.55	165	264976	43.545	nq	95
51) Acenaphthene	9.80	154	1072111	40.886	nq	98
52) 3-Nitroaniline	9.71	138	265520	36.656	nq	# 95
53) 2,4-Dinitrophenol	9.81	184	89084	44.519	nq	# 29
54) Dibenzofuran	9.97	168	1504298	39.356	nq	97
55) 4-Nitrophenol	9.87	139	423269	78.163	nq	95
56) 2,4-Dinitrotoluene	9.95	165	316668	40.692	nq	# 97
57) Fluorene	10.31	166	1083190	44.159	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	326969	42.075	nq	88
59) Diethylphthalate	10.20	149	1330950	40.386	nq	95
60) 4-Chlorophenyl-phenylether	10.31	204	523507	39.962	nq	94
61) 4-Nitroaniline	10.32	138	219534	33.455	nq	99
62) Azobenzene	10.47	77	1330025	39.098	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	76174	27.778	nq	97
65) n-Nitrosodiphenylamine	10.42	169	1050889	39.817	nq	95
66) 4-Bromophenyl-phenylether	10.79	248	364837	40.692	nq	92
67) Hexachlorobenzene	10.86	284	370181	38.677	nq	# 90
68) Atrazine	10.95	200	318159	37.656	nq	98
69) Pentachlorophenol	11.05	266	360858	61.669	nq	100
70) Phenanthrene	11.27	178	1609704	42.463	nq	98
71) Anthracene	11.32	178	1616029	44.524	nq	99
72) Carbazole	11.47	167	1391300	36.399	nq	99
73) Di-n-butylphthalate	11.81	149	1845946	43.488	nq	99
74) Fluoranthene	12.45	202	1538758	40.997	nq	98
76) Benzidine	12.55	184	73839	3.384	nq	# 78
77) Pyrene	12.67	202	1544280	43.594	nq	98
79) Butylbenzylphthalate	13.30	149	773306	48.475	nq	95
80) Benzo(a)anthracene	13.85	228	1311653	44.451	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	254636	22.149	nq	99
82) Chrysene	13.89	228	1287159	45.060	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1620614	80.839	nq	98
84) Di-n-octyl phthalate	14.47	149	1580258	47.281	nq	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1131734	44.767	nq	96
87) Benzo(b)fluoranthene	14.87	252	1374716	43.234	nq	97
88) Benzo(k)fluoranthene	14.90	252	1257049	42.929	nq	98
89) Benzo(a)pyrene	15.21	252	1250365	43.581	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	939259	37.153	nq	97
91) Benzo(g,h,i)perylene	17.02	276	896023	35.398	nq	95

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

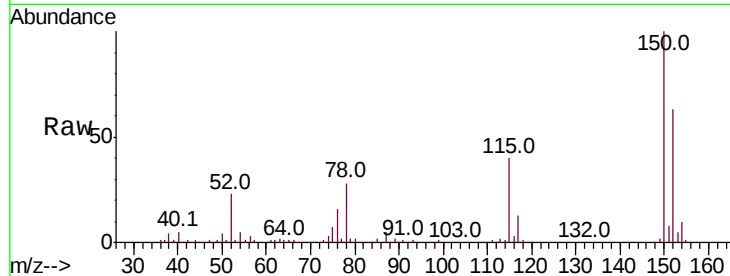


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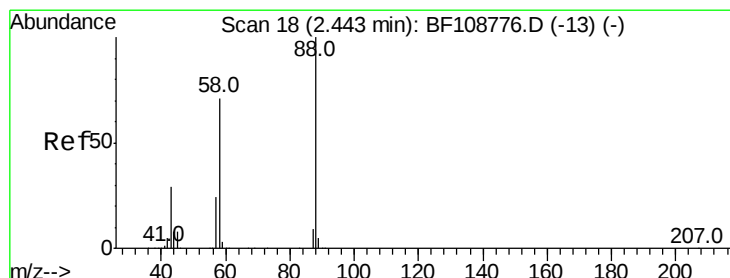
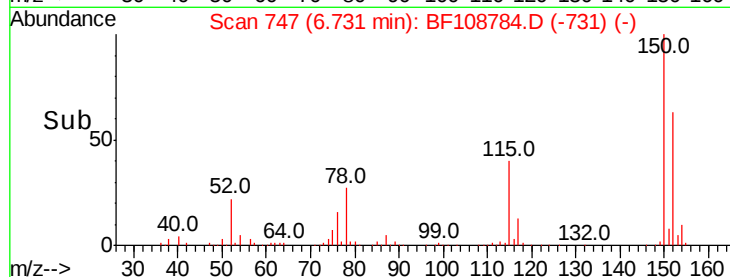
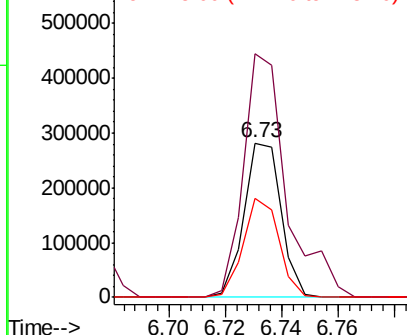
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	63.9	50.1	75.1



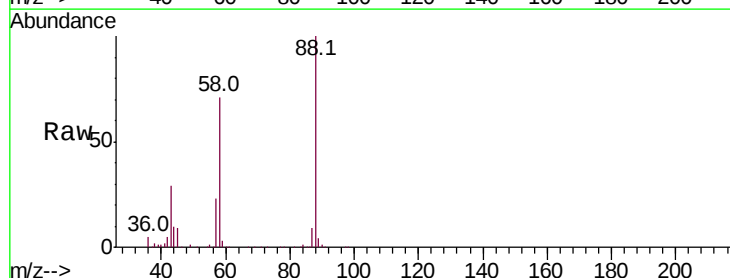
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



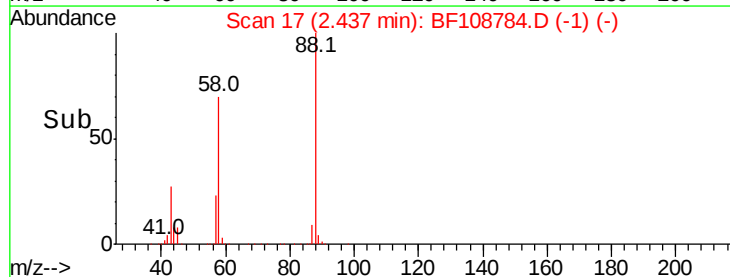
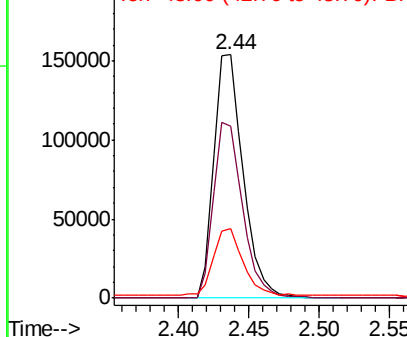
#2

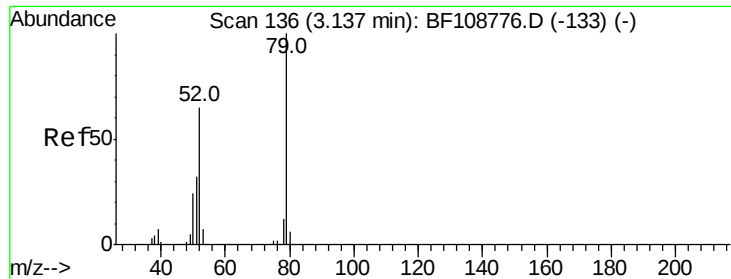
1,4-Dioxane
Concen: 29.799 ng
RT: 2.44 min Scan# 17
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	62.6	93.8
43	27.8	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: 0.006 ng

RT: 3.13 min Scan# 135

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

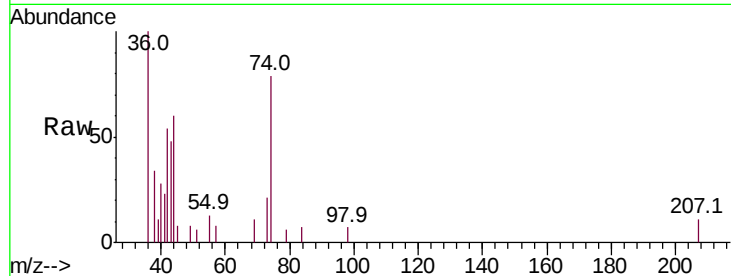
Tot Ion: 79 Resp: 115

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

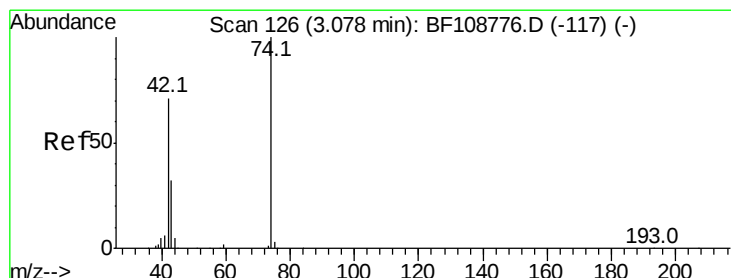
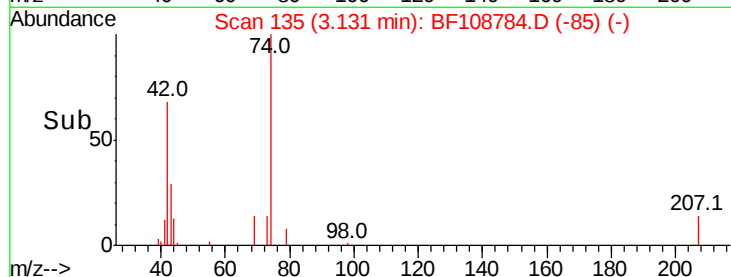
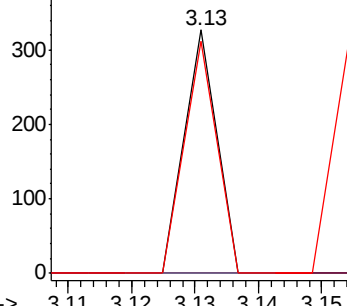
51 95.4 29.8 44.8#



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: 40.340 ng

RT: 3.07 min Scan# 124

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

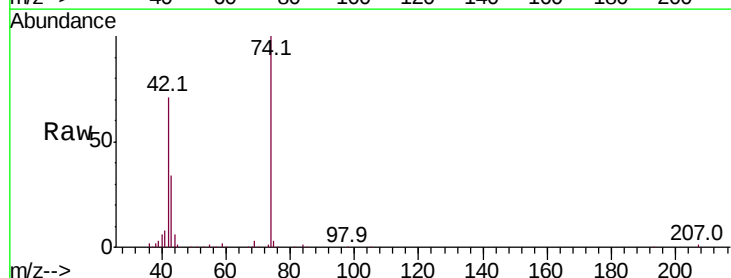
Tgt Ion: 42 Resp: 316456

Ion Ratio Lower Upper

42 100

74 140.2 104.9 157.3

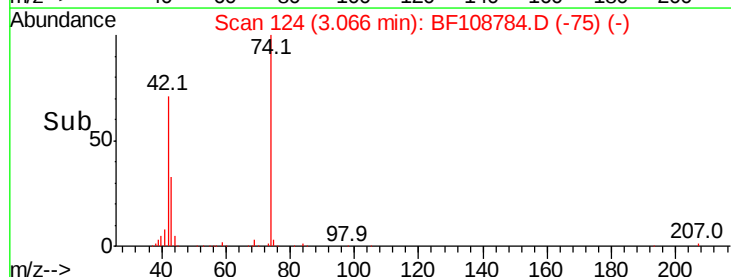
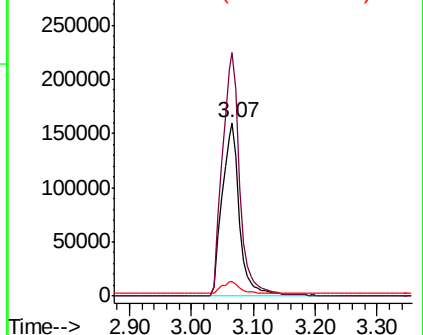
44 8.5 6.9 10.3

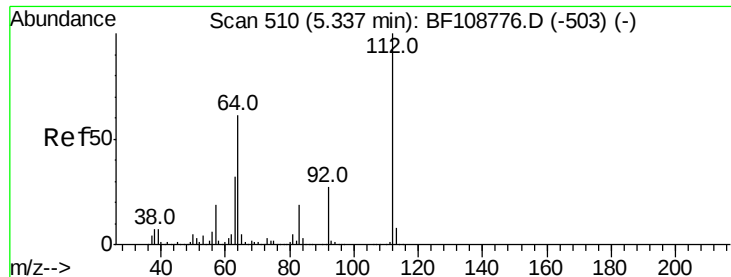


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 99.844 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

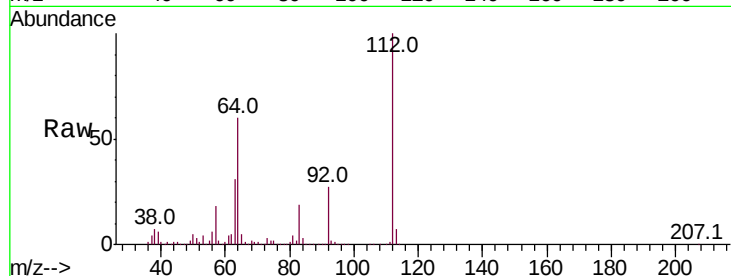
Tot Ion:112 Resp: 1549406

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

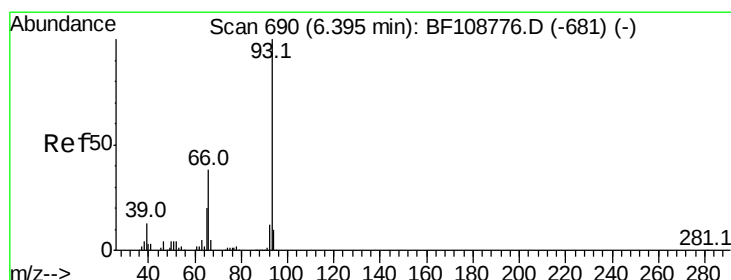
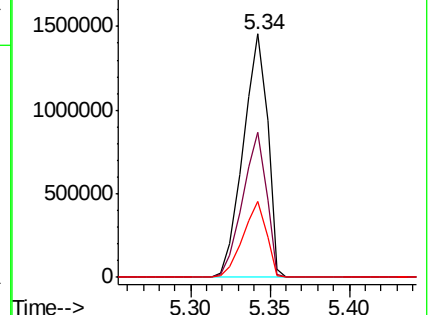
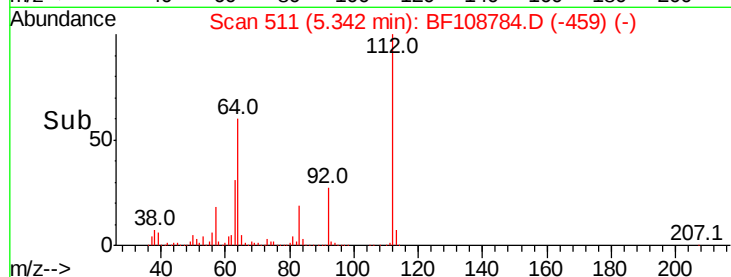
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.514 ng

RT: 6.47 min Scan# 703

Delta R.T. 0.08 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

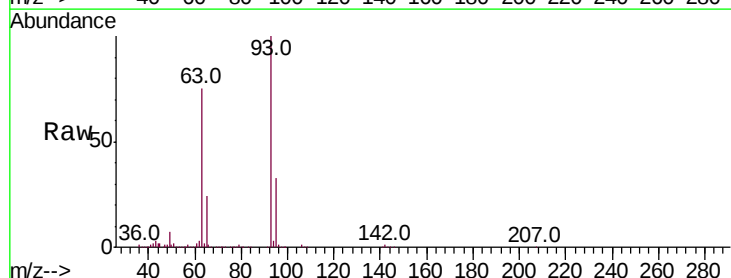
Tgt Ion: 93 Resp: 685160

Ion Ratio Lower Upper

93 100

66 0.9 32.2 48.2#

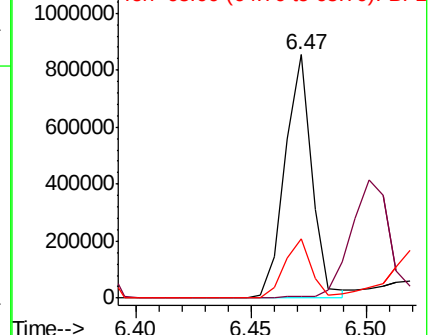
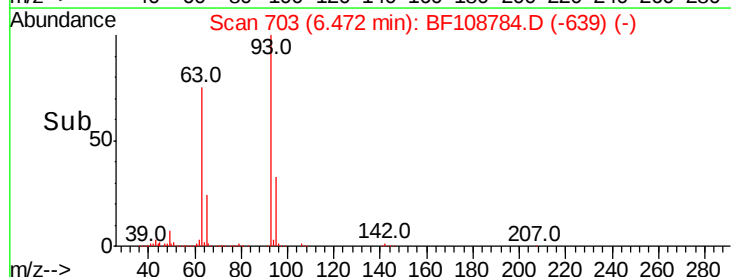
65 24.3 16.4 24.6

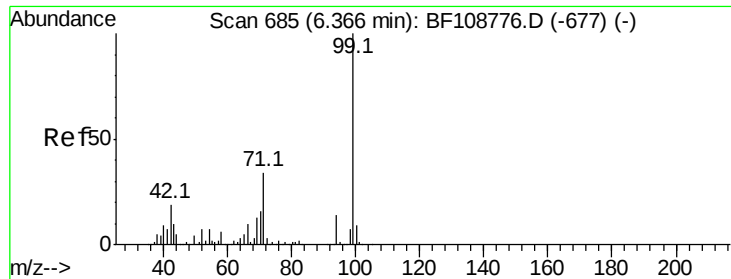


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.119 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

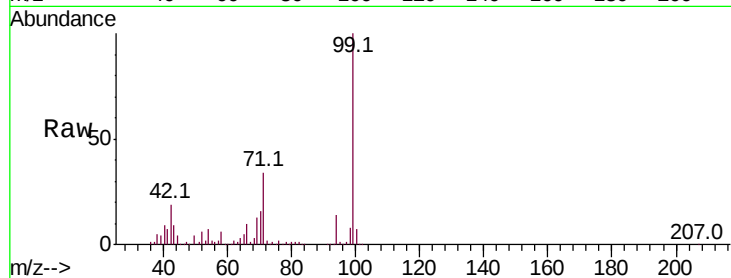
Tot Ion: 99 Resp: 2058936

Ion Ratio Lower Upper

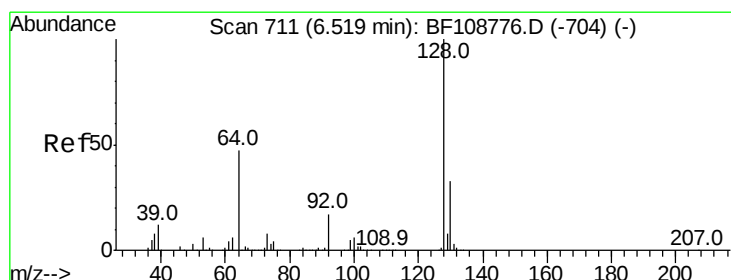
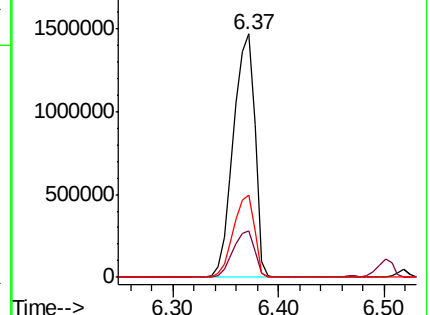
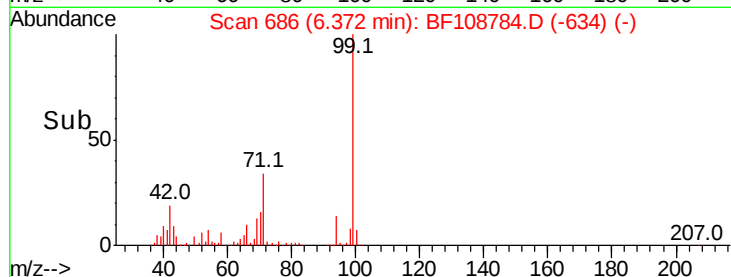
99 100

42 19.3 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.939 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

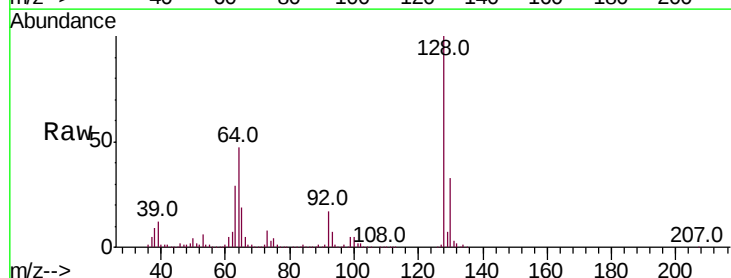
Tgt Ion:128 Resp: 651661

Ion Ratio Lower Upper

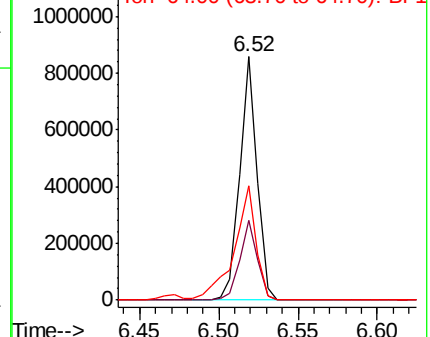
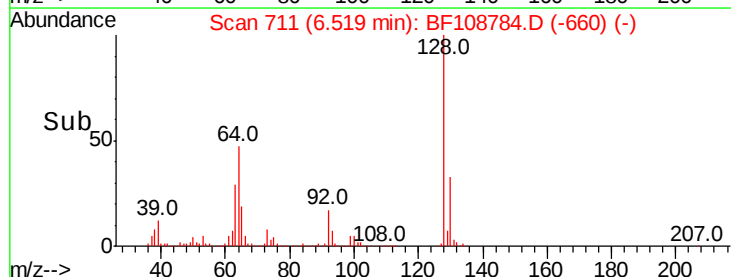
128 100

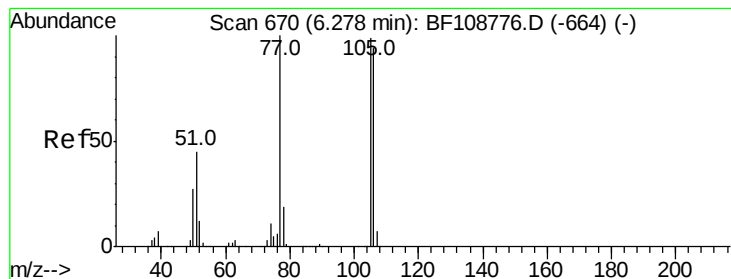
130 32.6 13.0 53.0

64 47.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.222 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampled :

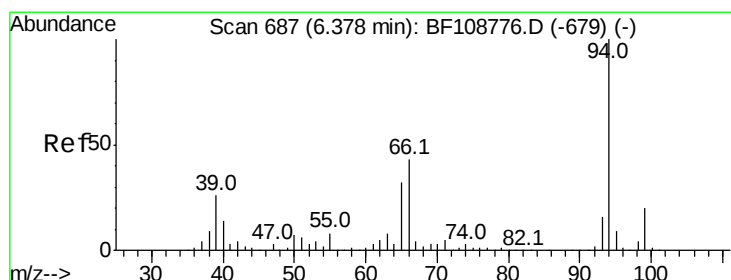
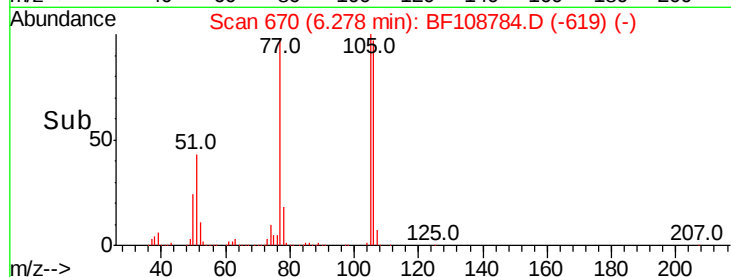
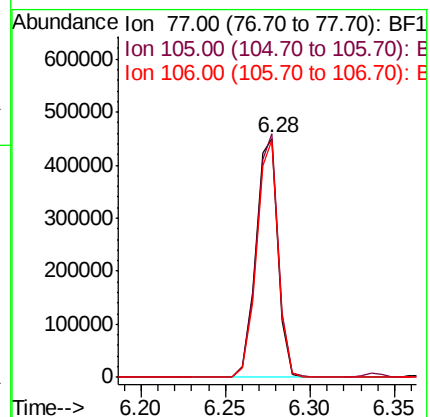
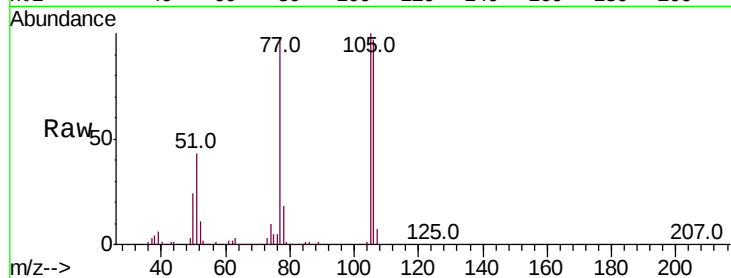
Tot Ion: 77 Resp: 413934

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

106 99.2 74.5 114.5



#10

Phenol

Concen: 34.653 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

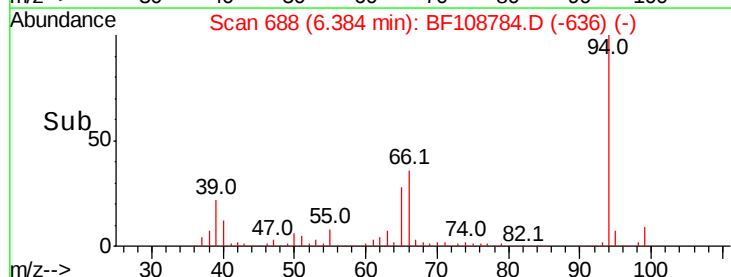
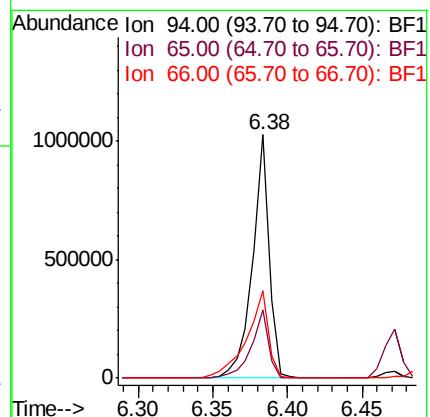
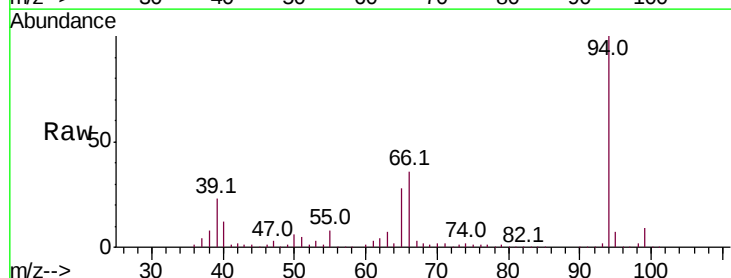
Tgt Ion: 94 Resp: 792493

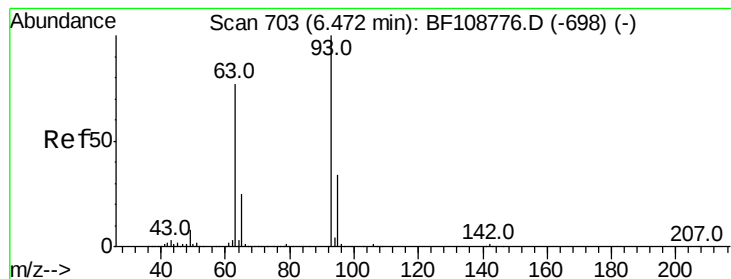
Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 35.9 16.2 56.2

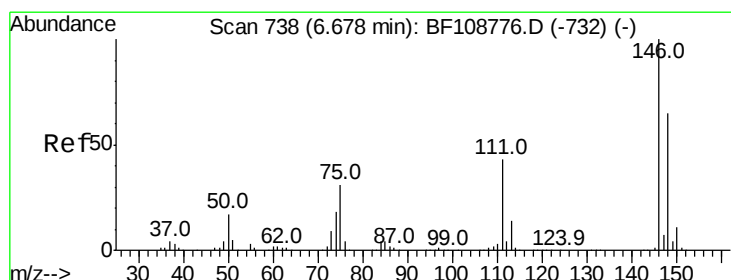
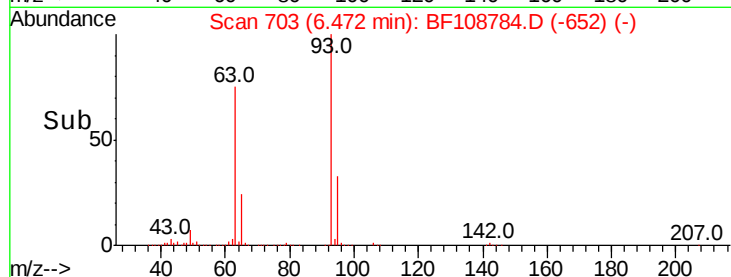
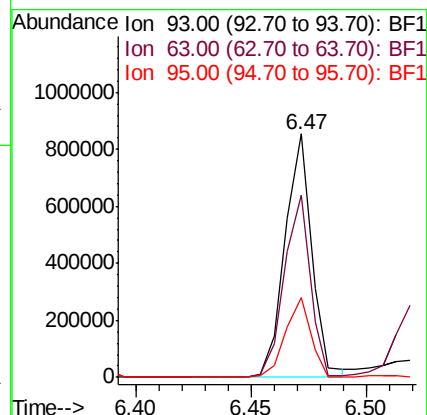
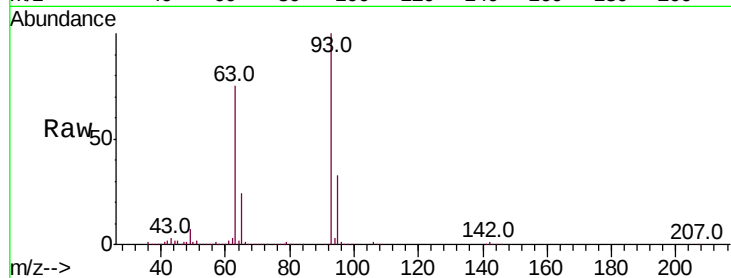




#11
bis(2-Chloroethyl)ether
Concen: 37.400 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

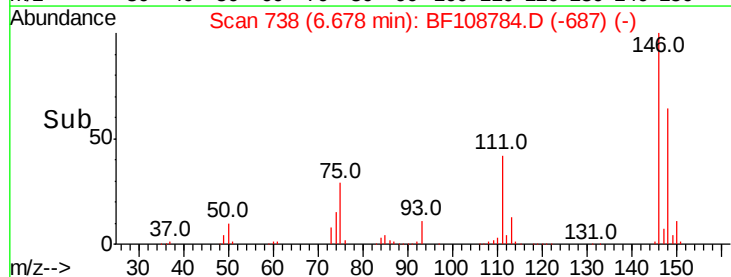
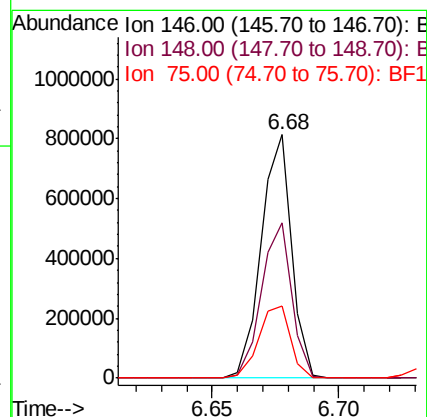
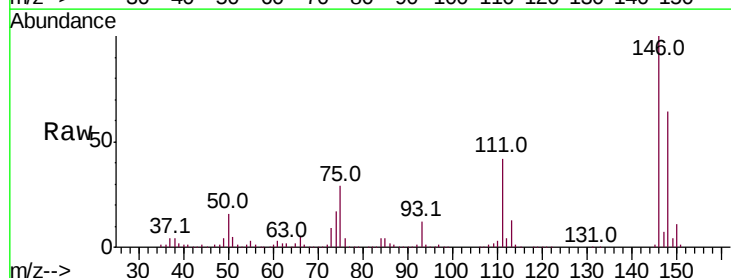
Instrument :
BNA_F
ClientSampled :

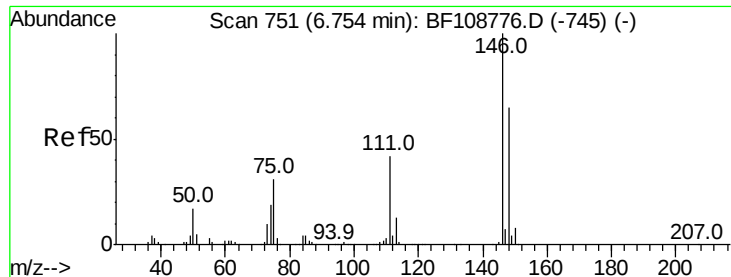
Tot Ion: 93 Resp: 685160
Ion Ratio Lower Upper
93 100
63 74.7 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.397 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion: 146 Resp: 674231
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 29.4 24.2 36.4

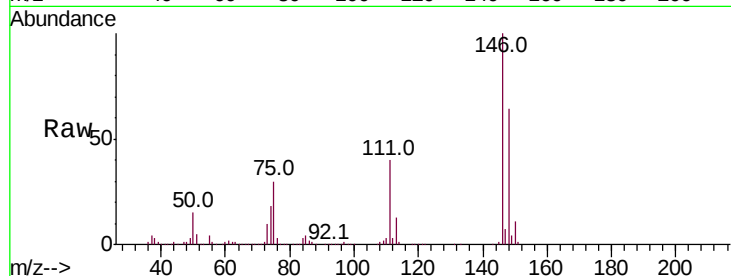




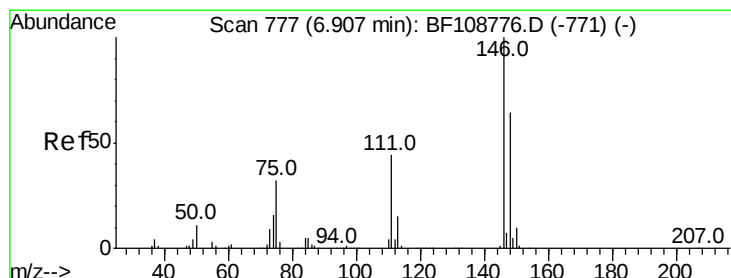
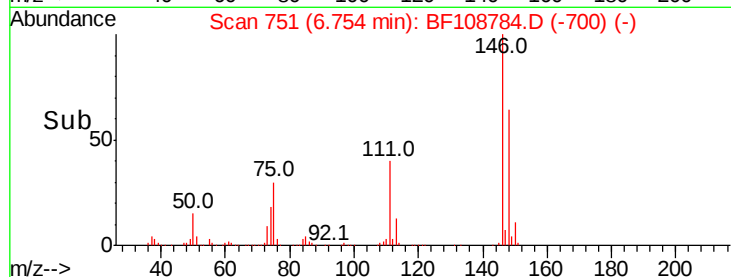
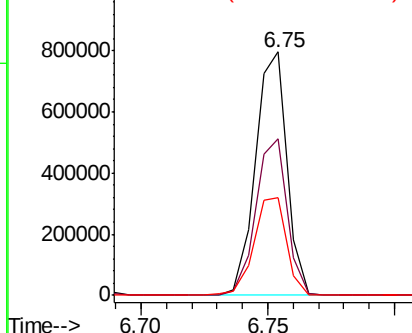
#13
1,4-Dichlorobenzene
Concen: 34.941 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	40.2	34.2	51.2

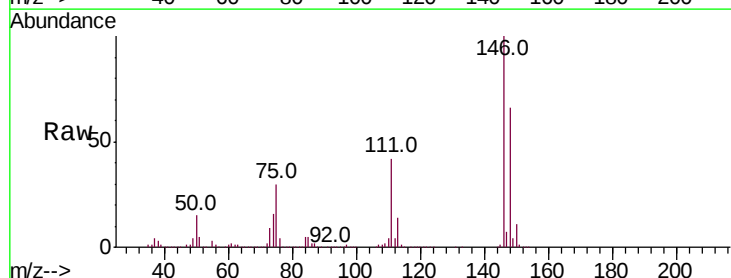


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

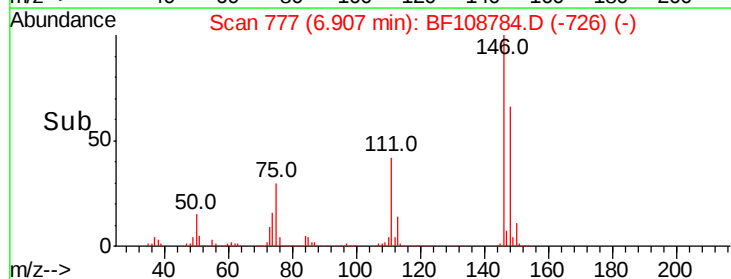
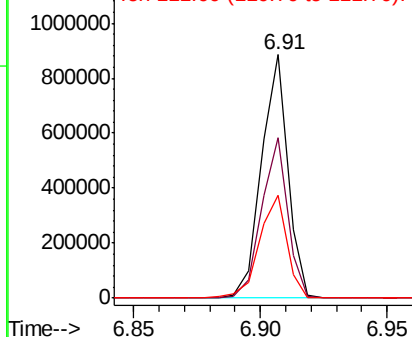


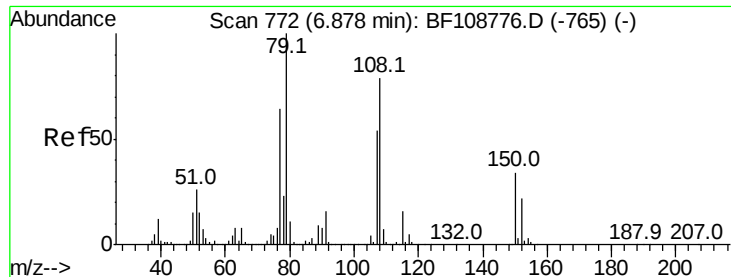
#14
1,2-Dichlorobenzene
Concen: 35.748 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.6	75.8
111	42.4	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: 38.536 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

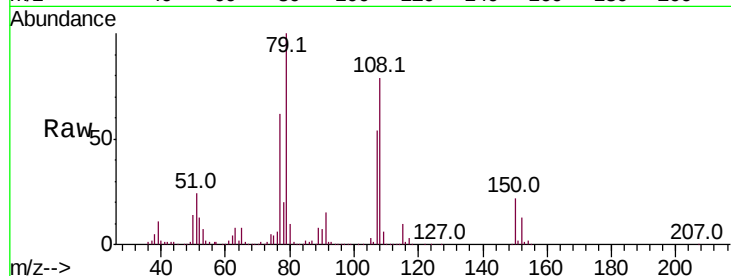
Tot Ion: 79 Resp: 590481

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

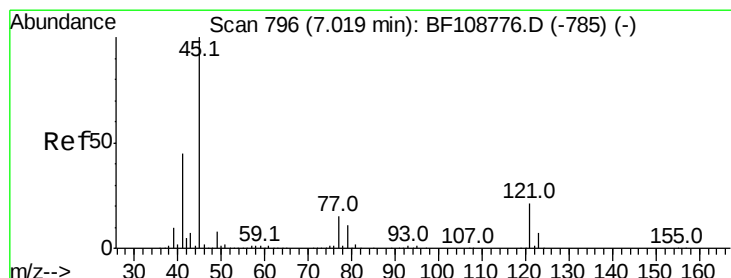
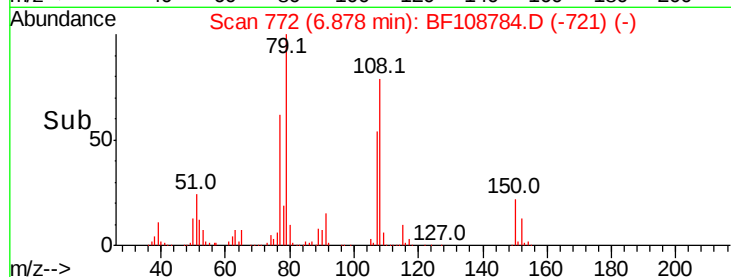
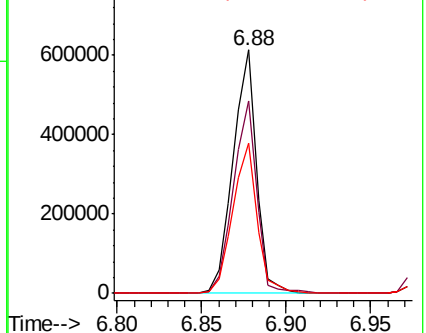
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.017 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

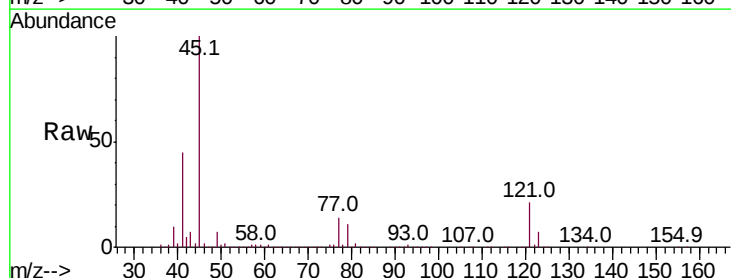
Tgt Ion: 45 Resp: 986319

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

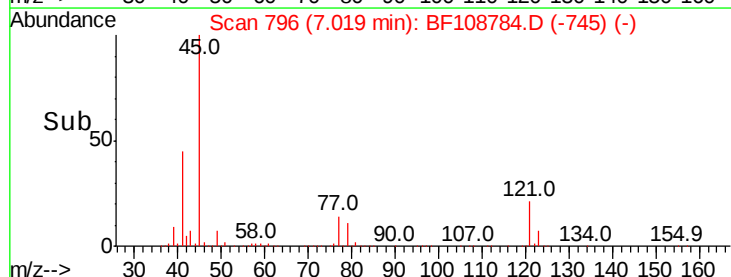
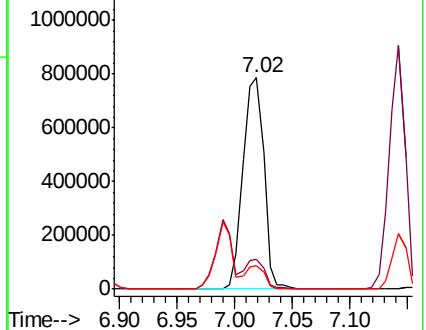
79 11.1 0.0 29.6

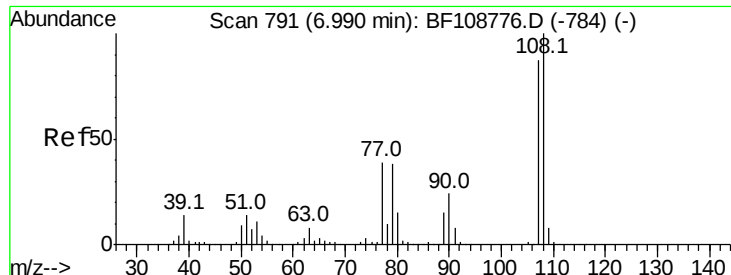


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

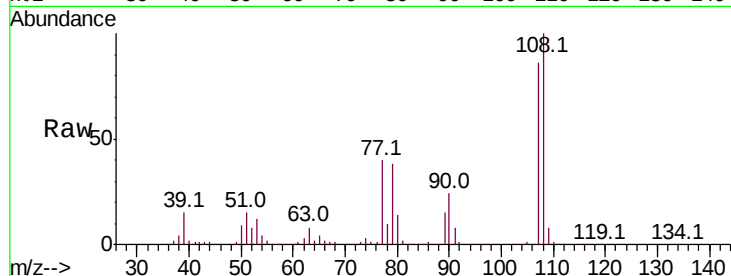




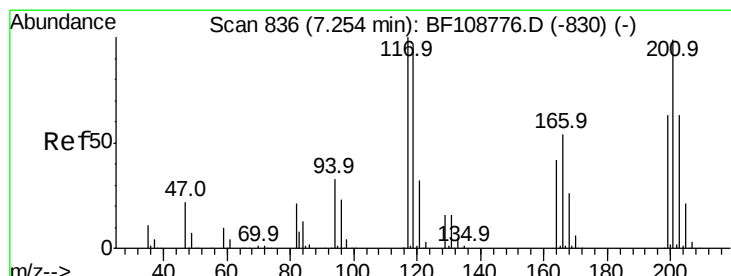
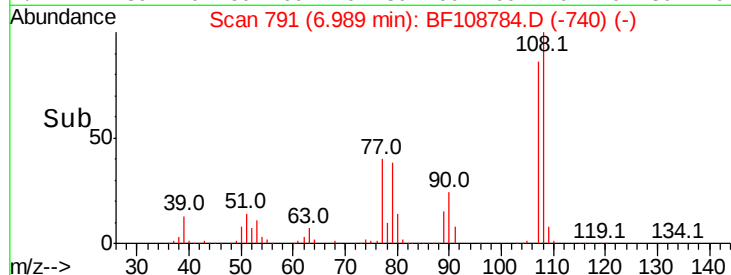
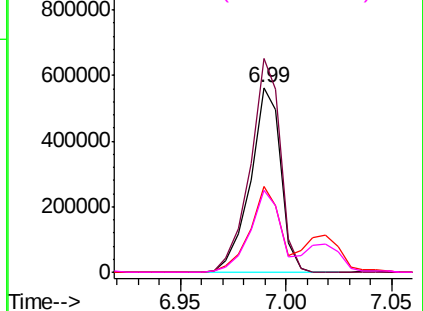
#17
2-Methylphenol
Concen: 38.730 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	562206
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.7	137.5
77	46.2	33.8	50.8
79	44.3	33.8	50.8

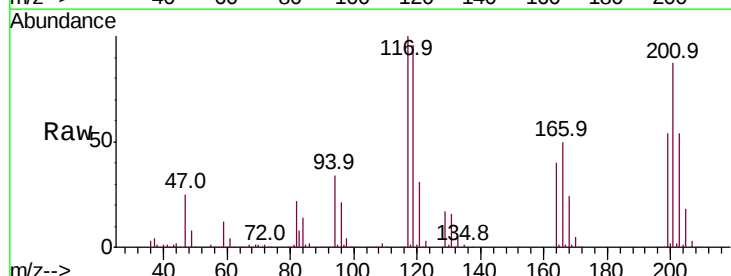


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

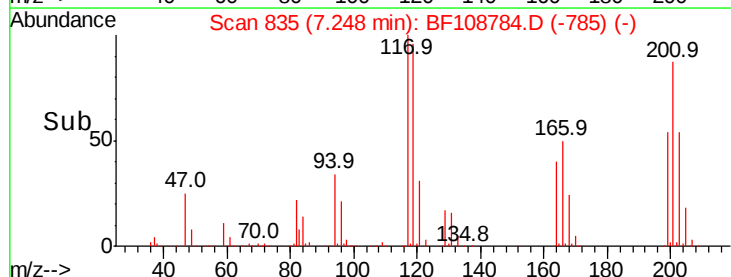
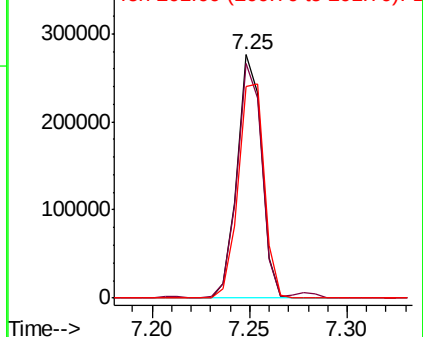


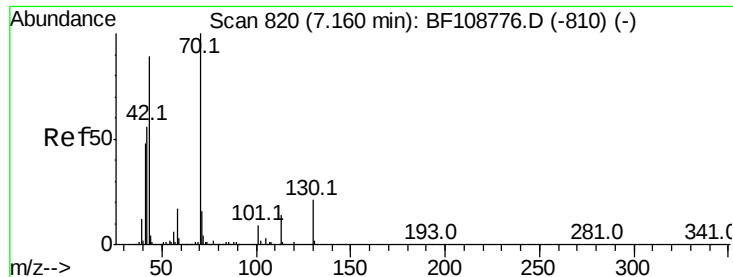
#18
Hexachloroethane
Concen: 34.178 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:	117	Resp:	241567
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	86.9	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0

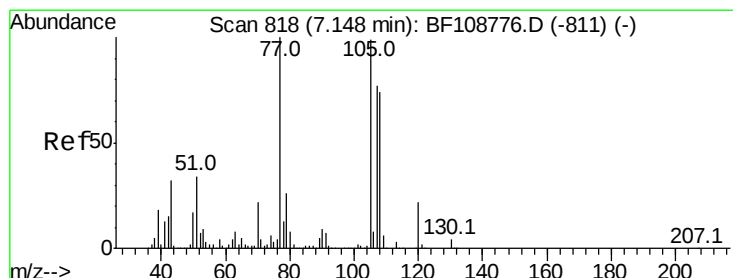
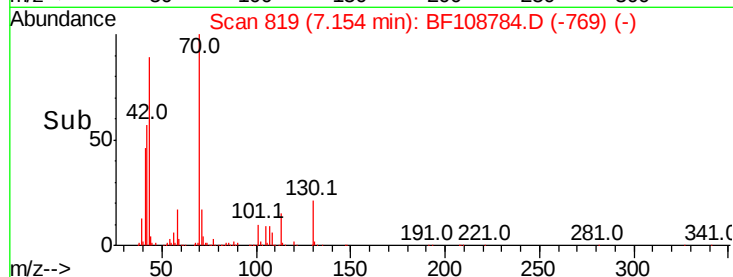
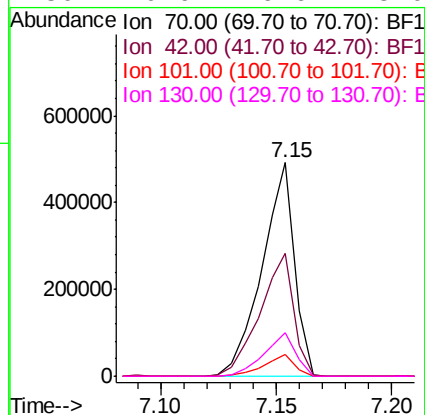
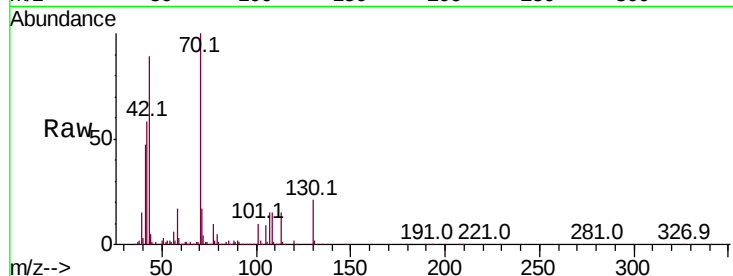




#19
n-Nitroso-di-n-propylamine
Concen: 34.595 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

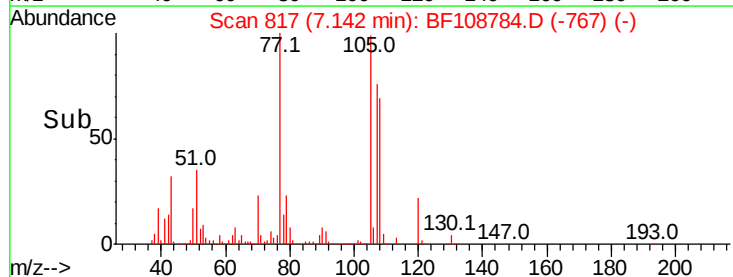
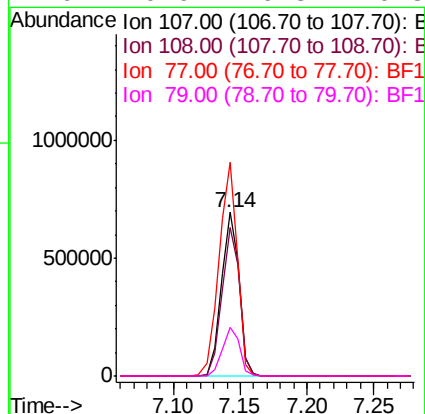
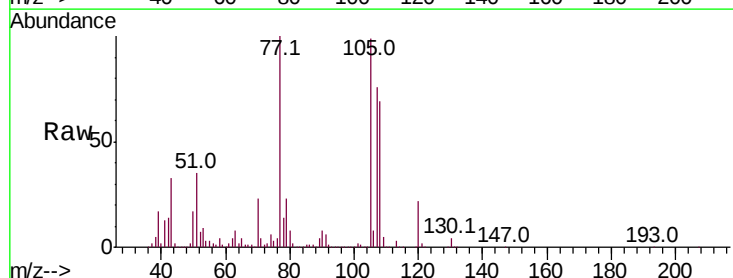
Instrument :
BNA_F
ClientSampleId :

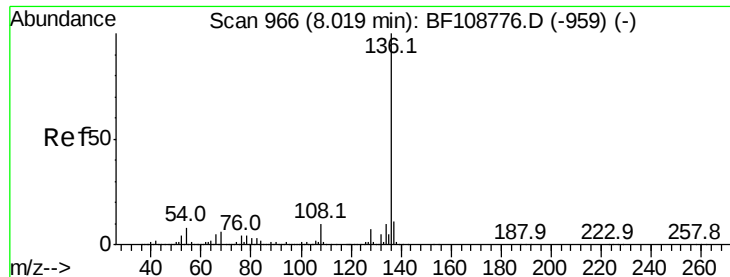
Tot Ion:	70	Resp:	480147
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.5	71.3
101	10.0	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.197 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:	107	Resp:	649522
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	130.7	26.7	66.7#
79	29.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 980997

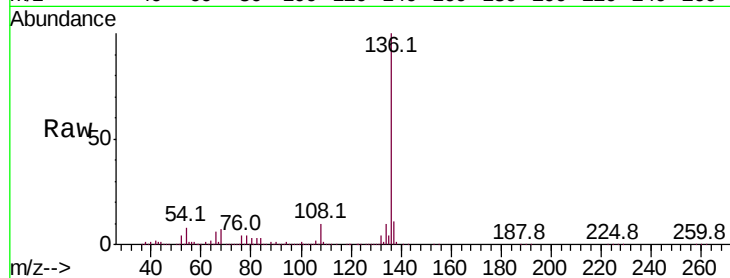
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.4 6.6 9.8

68 7.0 5.0 7.4

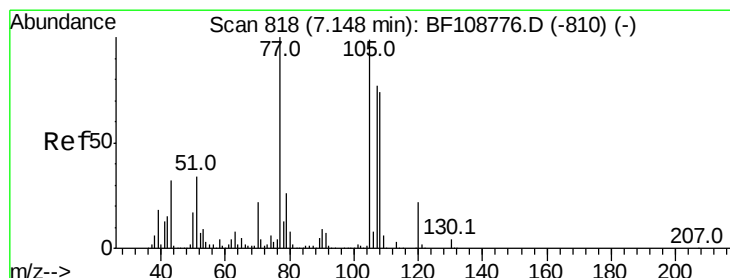
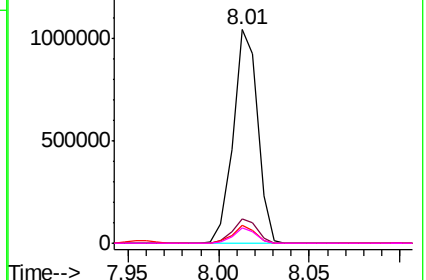
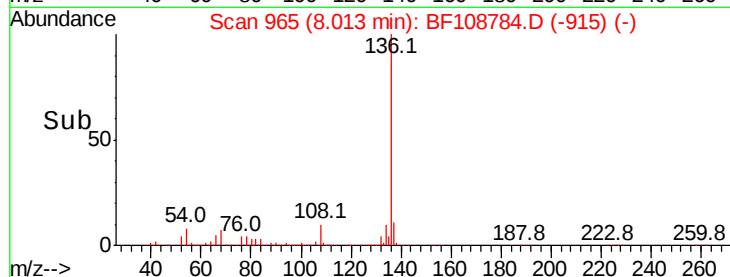


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.229 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Tgt Ion:105 Resp: 873387

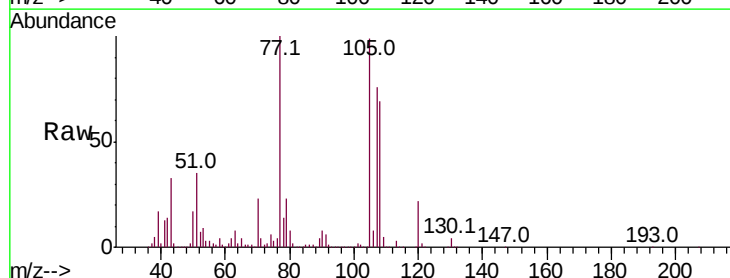
Ion Ratio Lower Upper

105 100

71 4.0 4.4 6.6#

51 35.4 22.3 33.5#

120 22.0 16.9 25.3

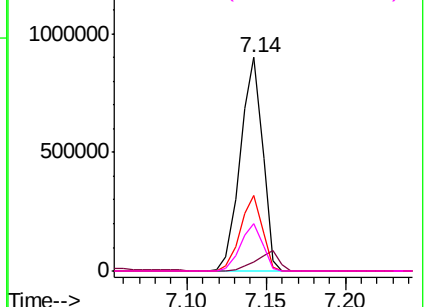
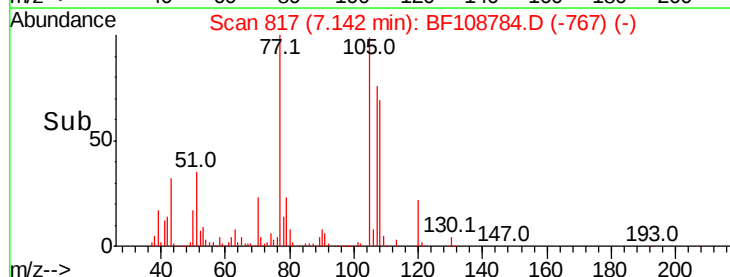


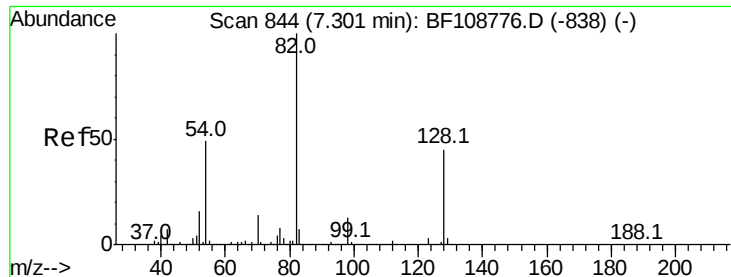
Abundance Ion 105.00 (104.70 to 105.70): E

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

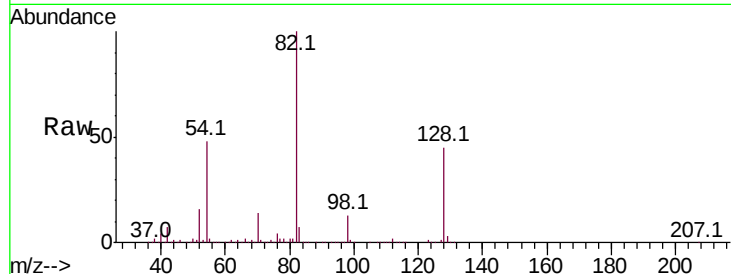




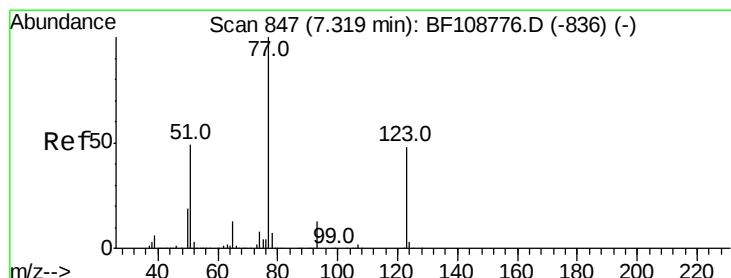
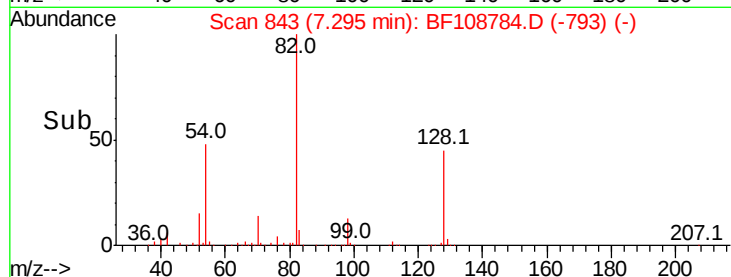
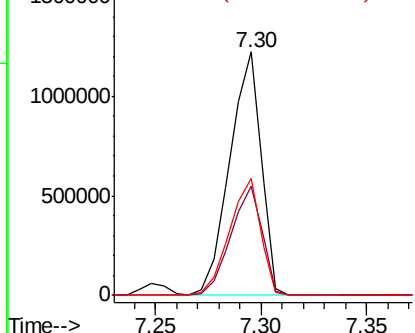
#23
Nitrobenzene-d5
Concen: 79.812 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1251109
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 47.9 41.4 62.2

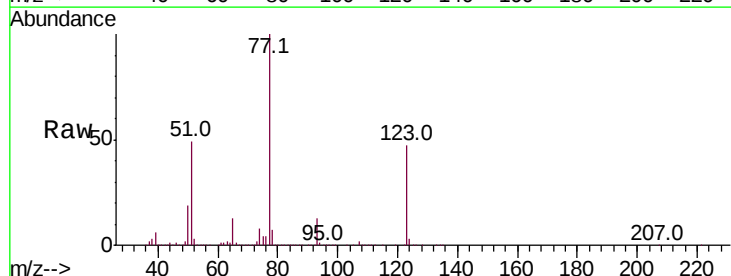


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

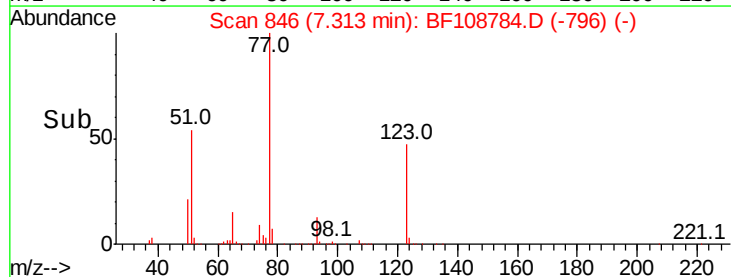
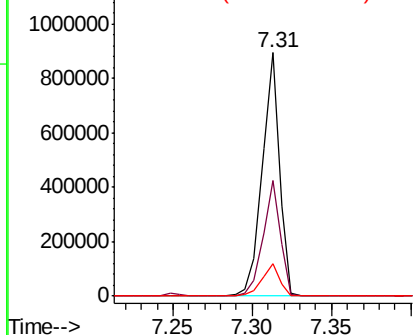


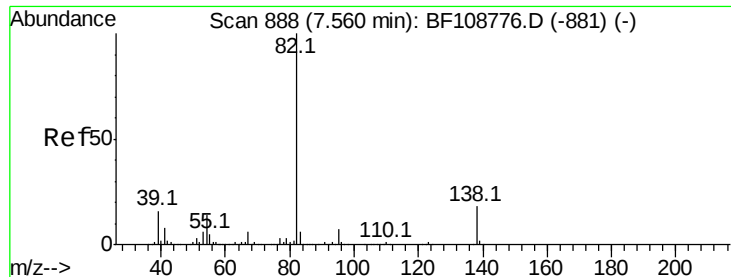
#24
Nitrobenzene
Concen: 40.953 ng
RT: 7.31 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion: 77 Resp: 688806
Ion Ratio Lower Upper
77 100
123 47.4 37.9 56.9
65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 41.918 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

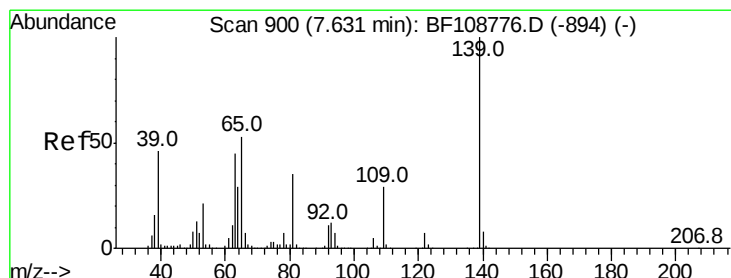
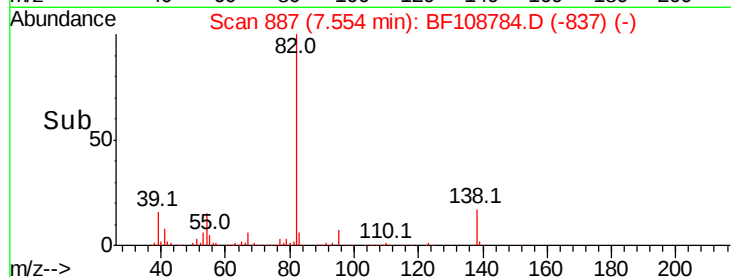
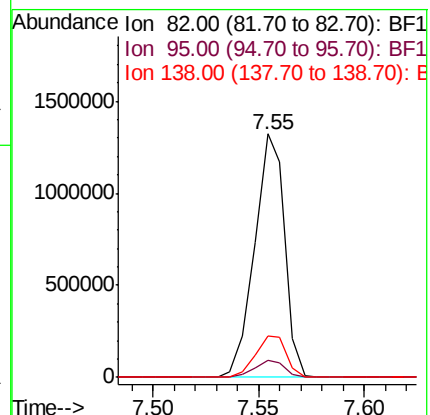
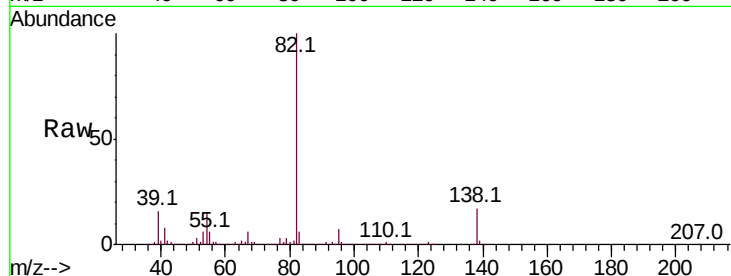
Tot Ion: 82 Resp: 1310698

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 46.812 ng

RT: 7.63 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

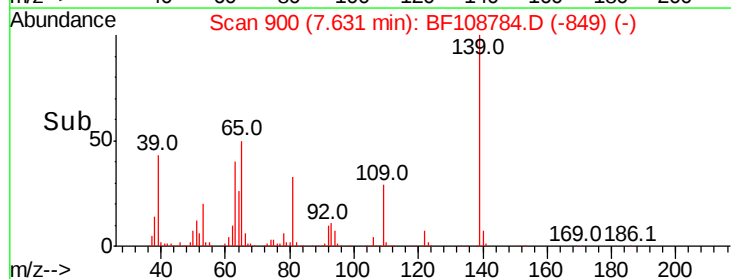
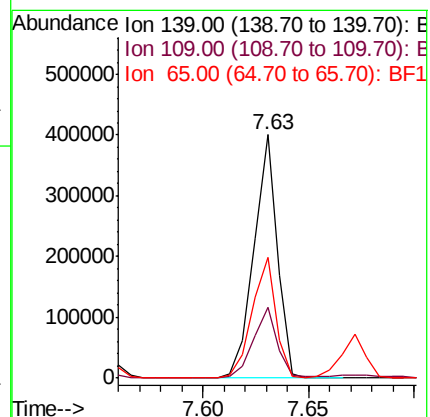
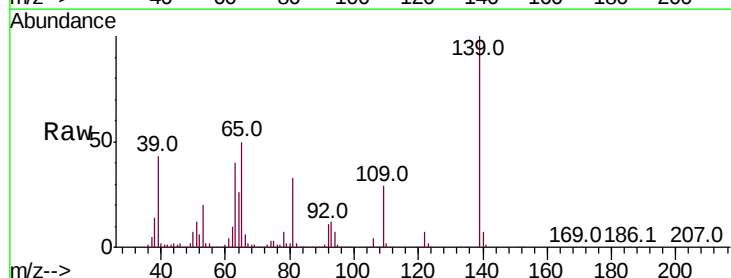
Tgt Ion:139 Resp: 310196

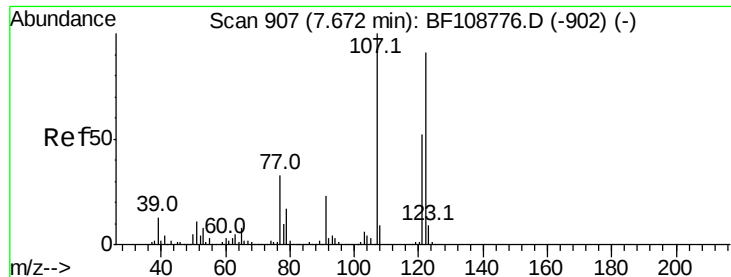
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.584 ng

RT: 7.67 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampled :

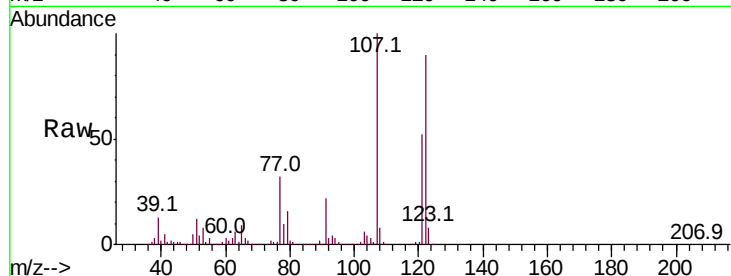
Tot Ion:122 Resp: 599923

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

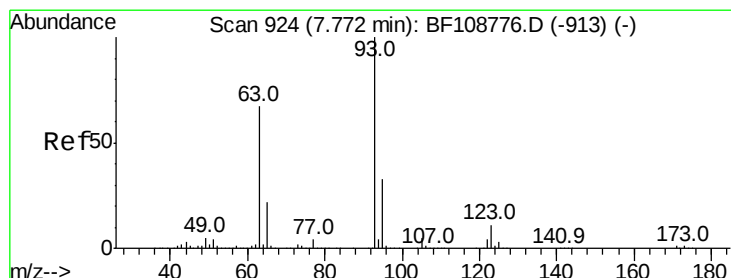
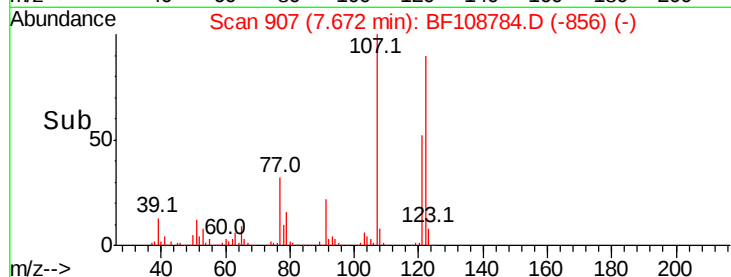
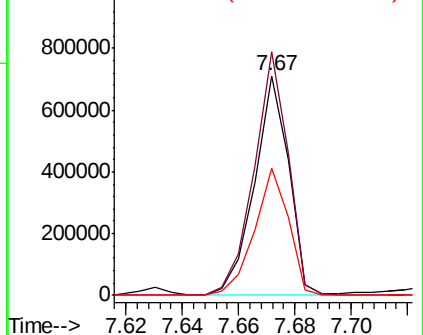
121 57.6 47.2 70.8



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: 40.501 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

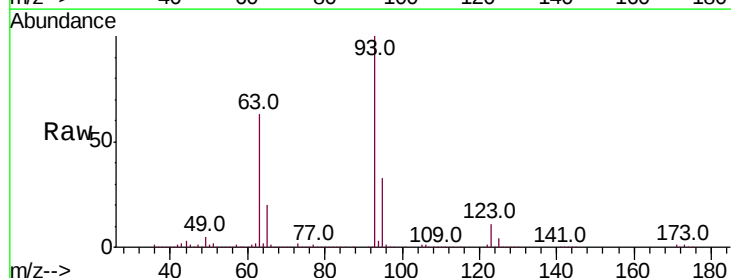
Tgt Ion: 93 Resp: 846686

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

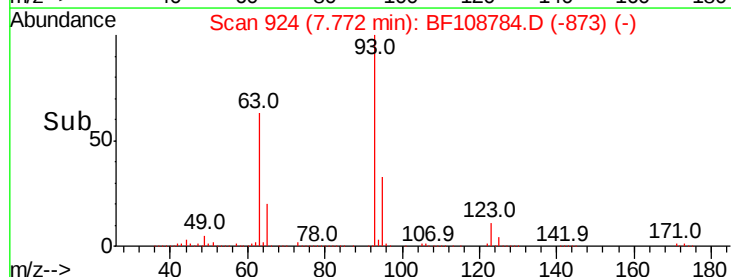
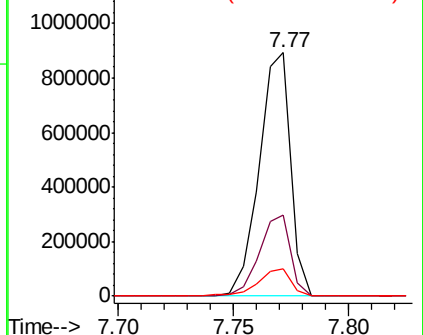
123 11.2 9.8 14.6

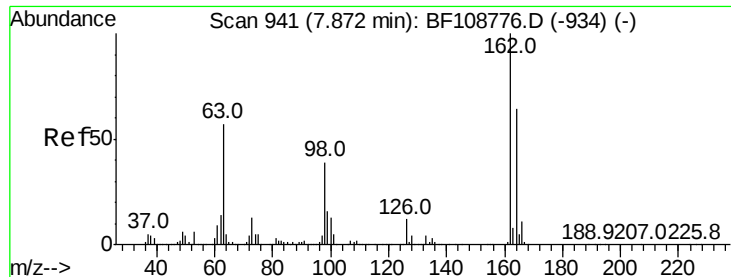


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

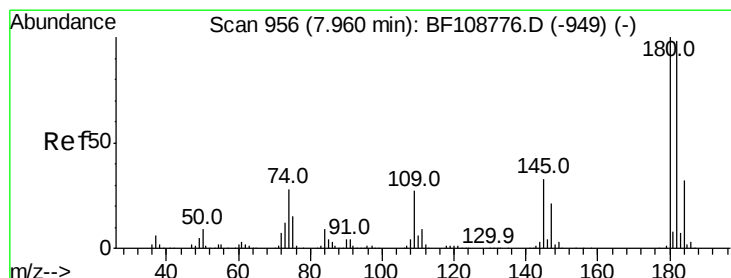
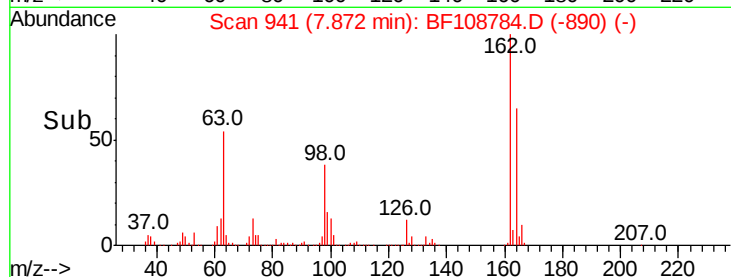
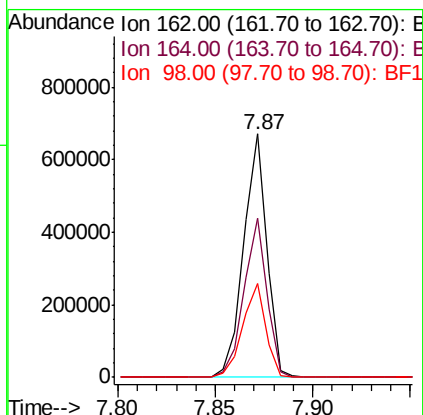
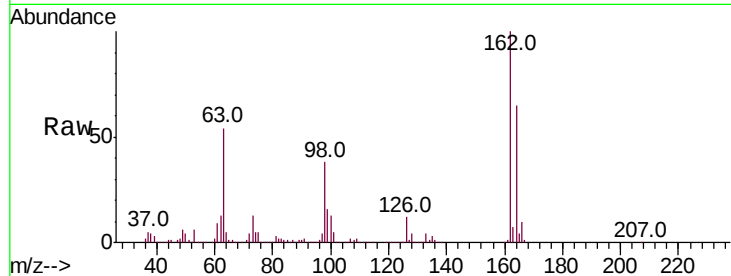




#29
 2,4-Dichlorophenol
 Concen: 40.025 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

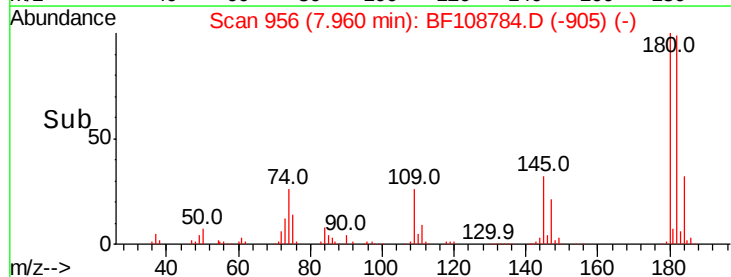
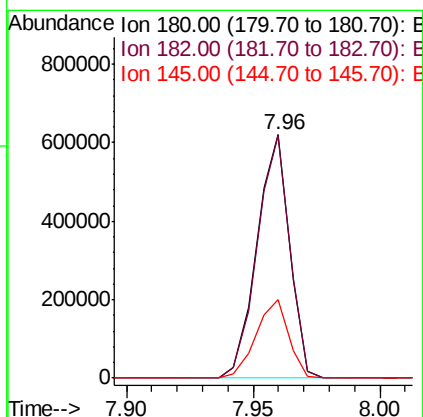
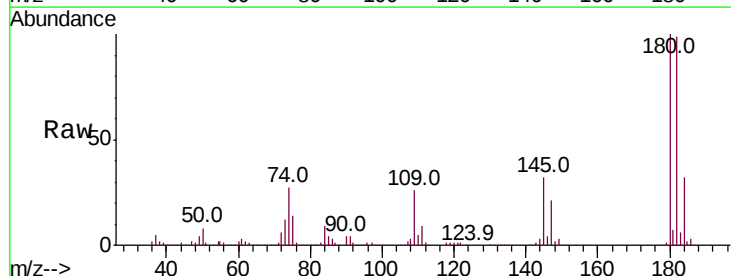
Instrument :
 BNA_F
 ClientSampleId :

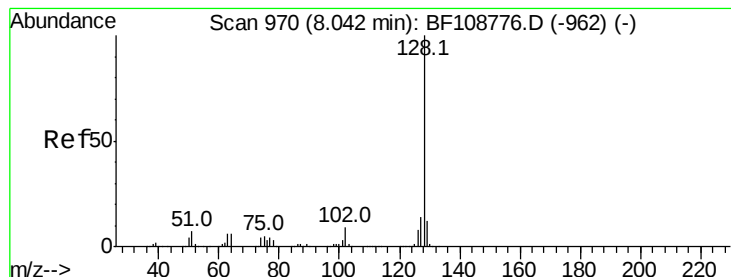
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	38.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.087 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 40.863 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampled :

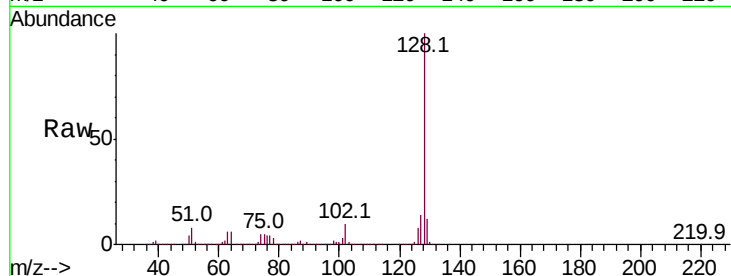
Tot Ion:128 Resp: 1803506

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

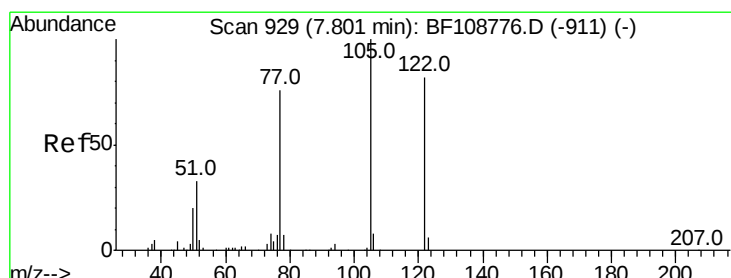
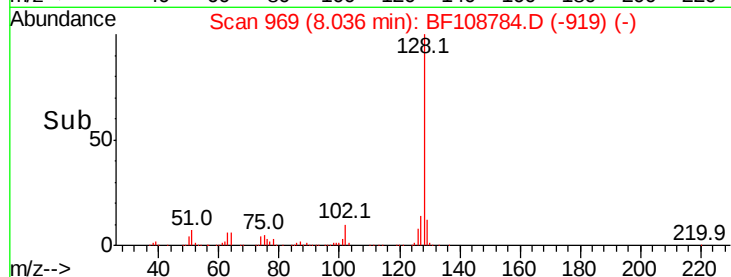
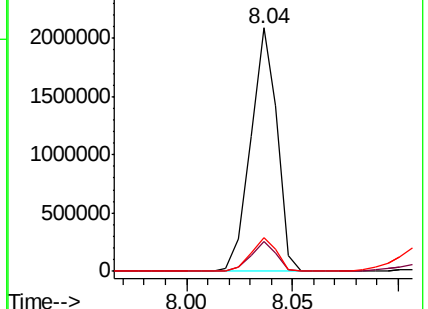
127 13.8 10.9 16.3



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: 18.884 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

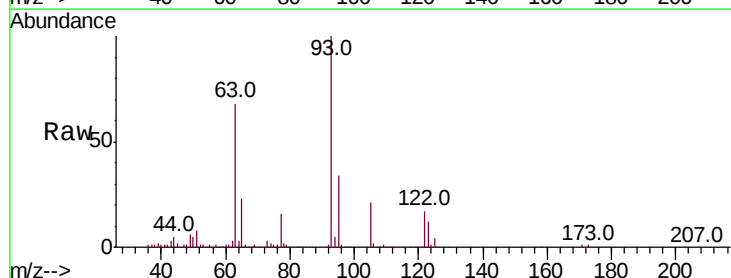
Tgt Ion:122 Resp: 131247

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

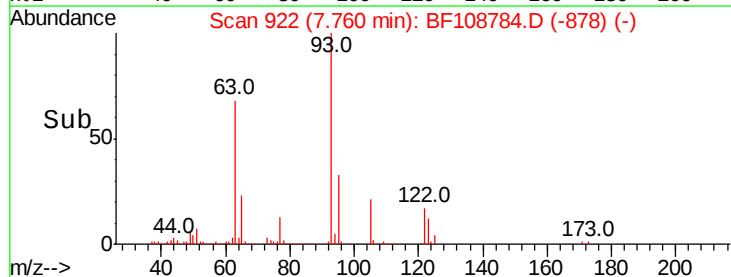
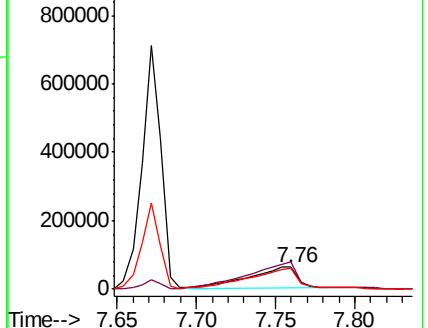
77 92.8 70.7 110.7

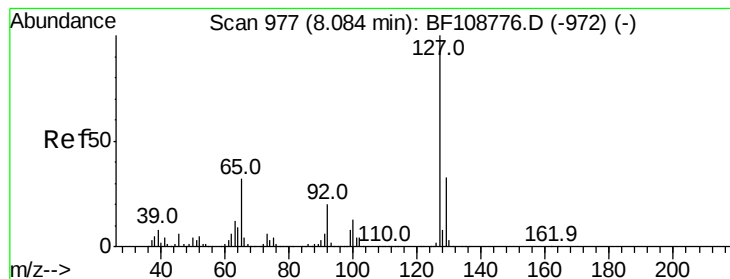


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 35.327 ng

RT: 8.12 min Scan# 984

Delta R.T. 0.04 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 716080

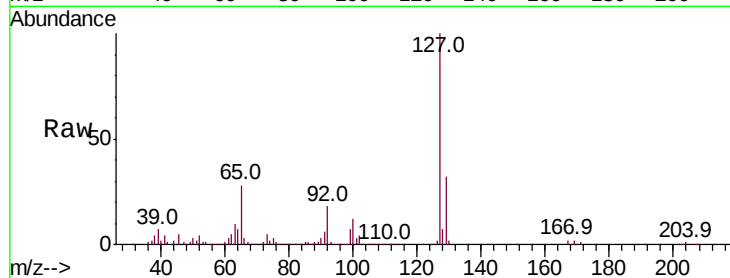
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 28.0 25.0 37.4

92 18.2 15.2 22.8



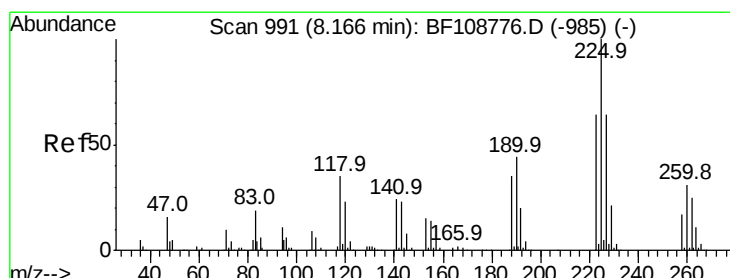
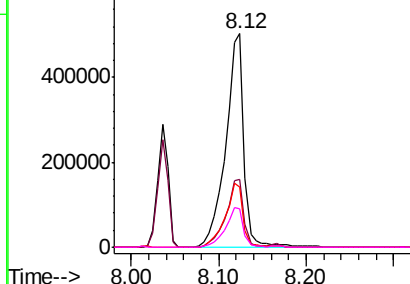
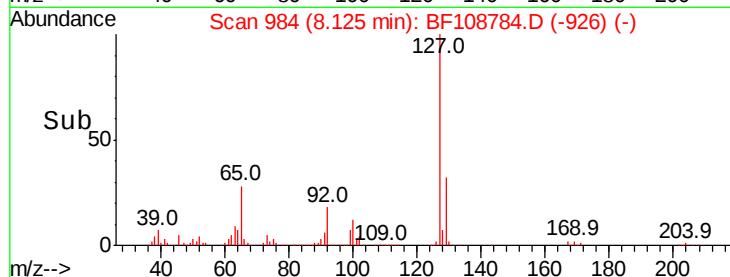
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.859 ng

RT: 8.17 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

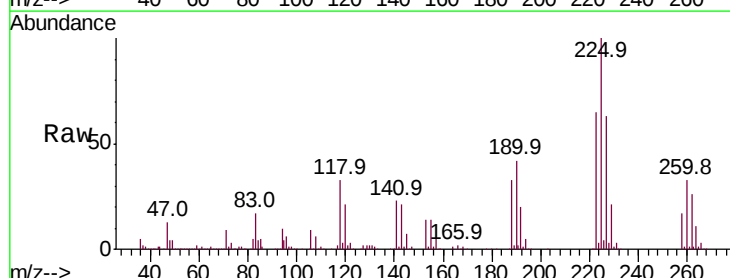
Tgt Ion:225 Resp: 322123

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

227 62.9 51.9 77.9

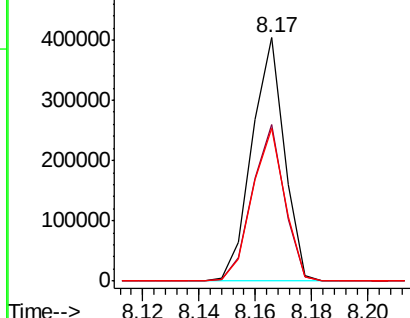
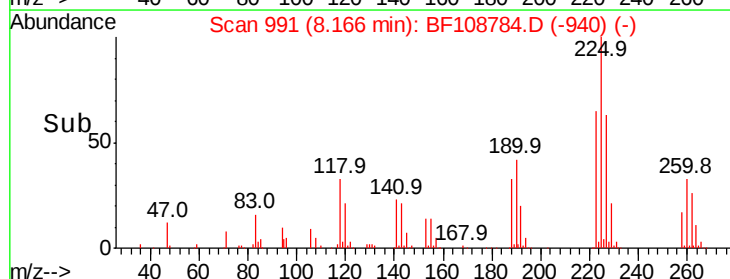


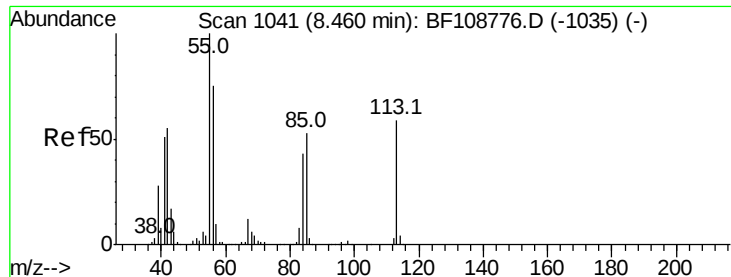
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

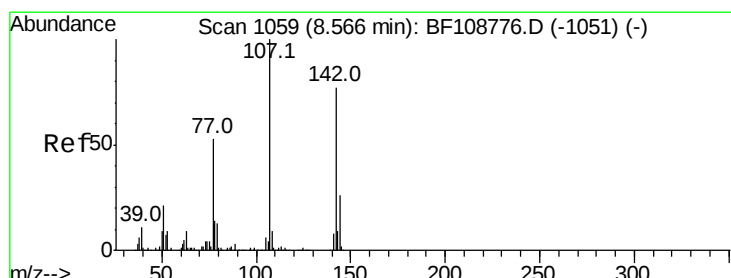
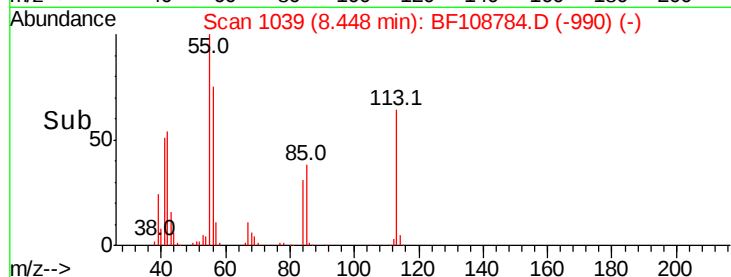
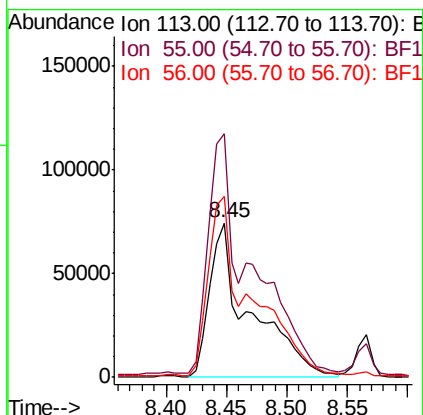
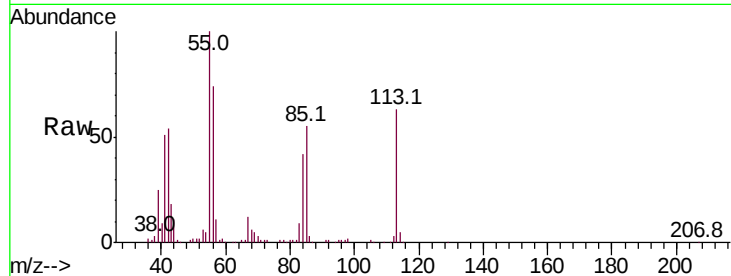




#35
 Caprolactam
 Concen: 36.839 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

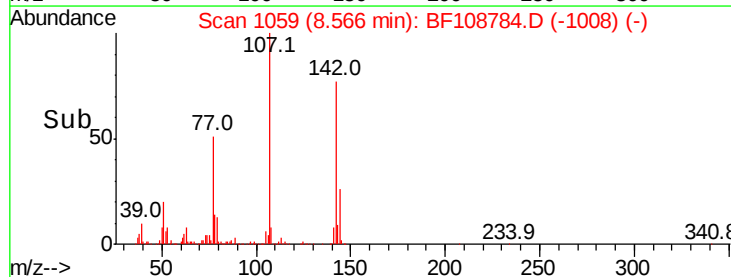
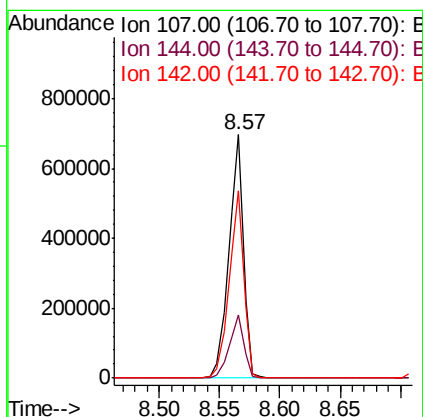
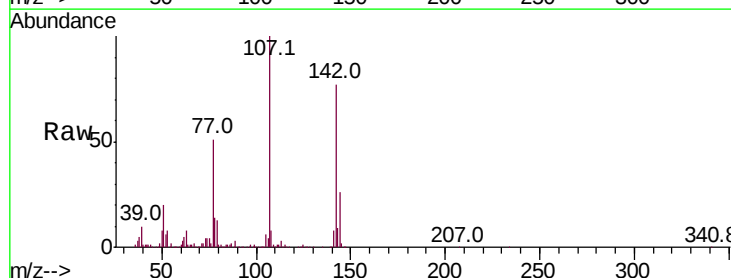
Instrument :
 BNA_F
 ClientSampleId :

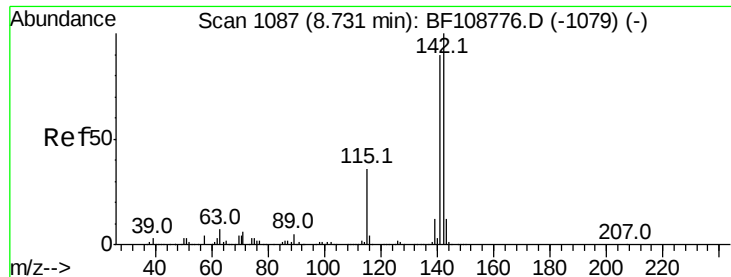
Tot Ion:113 Resp: 173205
 Ion Ratio Lower Upper
 113 100
 55 157.7 163.3 203.3#
 56 117.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.491 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:107 Resp: 583713
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 77.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.363 ng

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

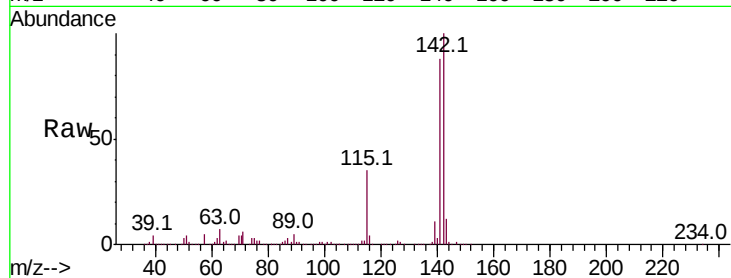
Tot Ion:142 Resp: 1235209

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2

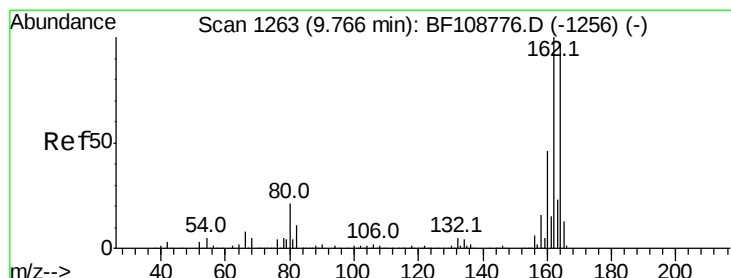
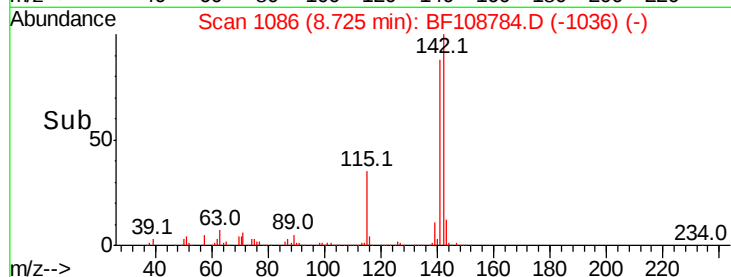
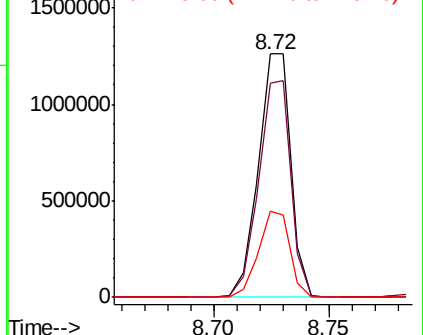
115 35.3 26.1 39.1



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: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

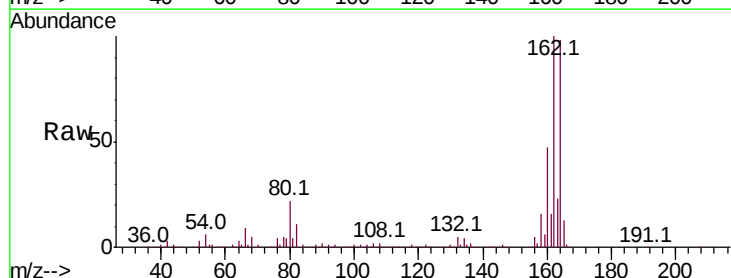
Tgt Ion:164 Resp: 456581

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

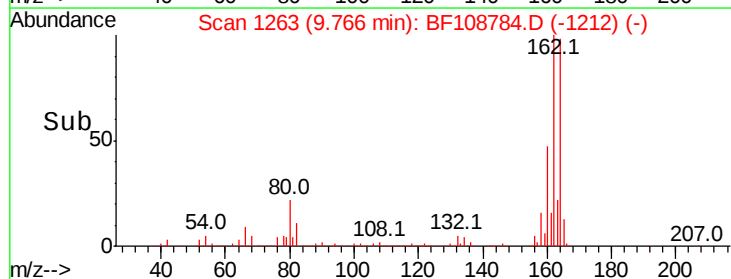
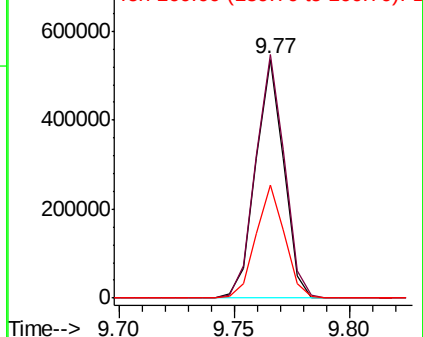
160 47.5 38.3 57.5

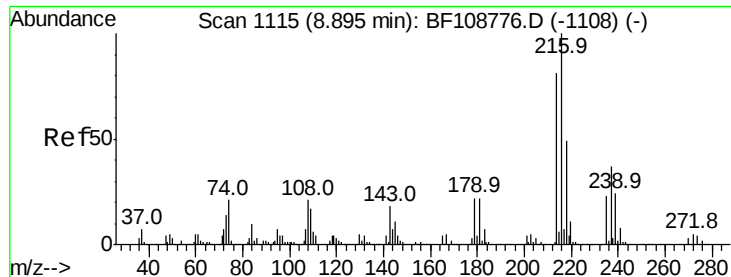


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

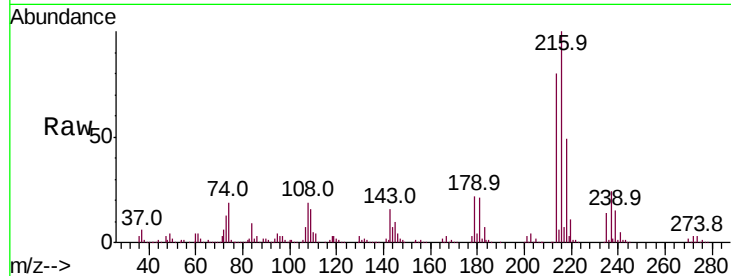




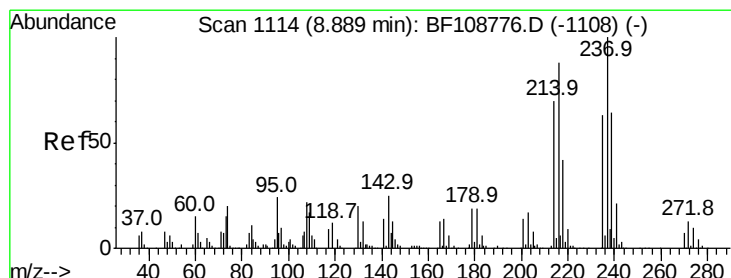
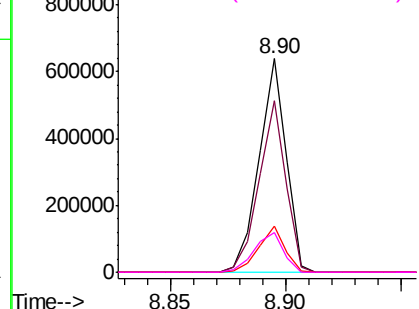
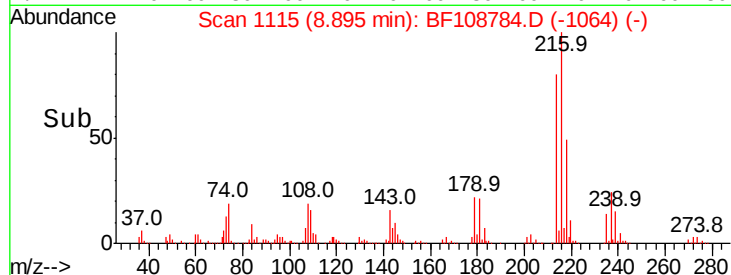
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.359 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	523542
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.9	18.1	27.1
108	20.3	17.2	25.8

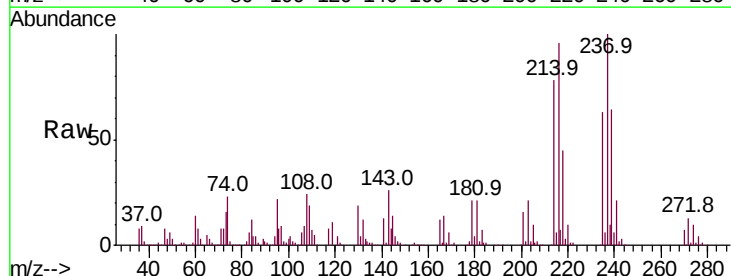


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

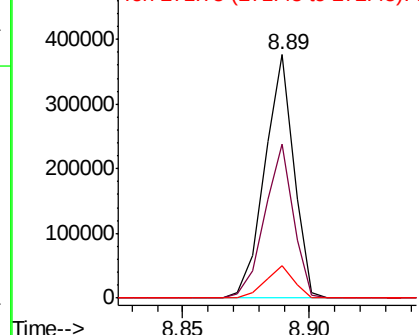
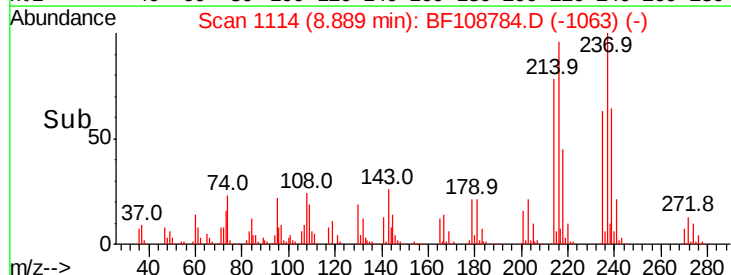


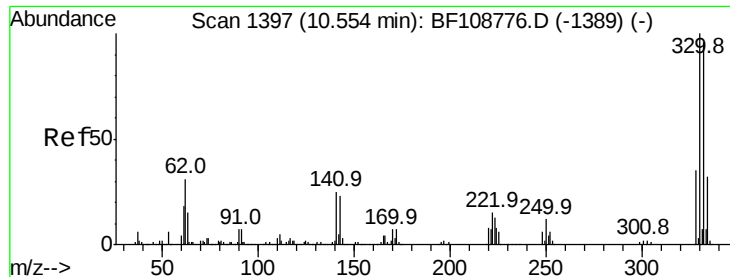
#40
 Hexachlorocyclopentadiene
 Concen: 43.840 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:	237	Resp:	301016
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.1	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

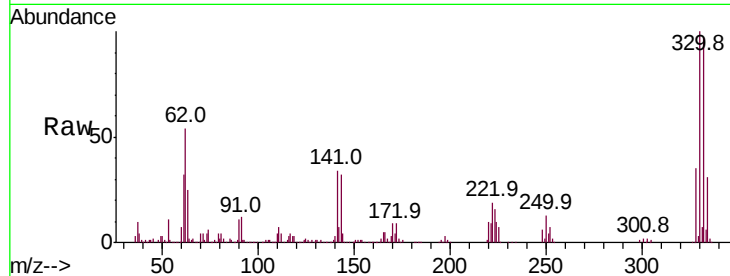




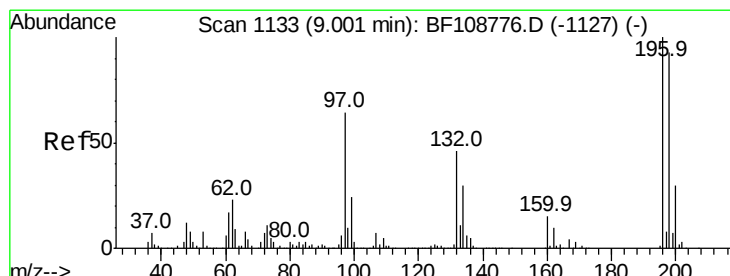
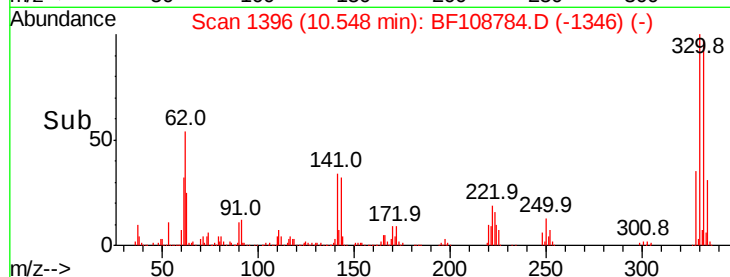
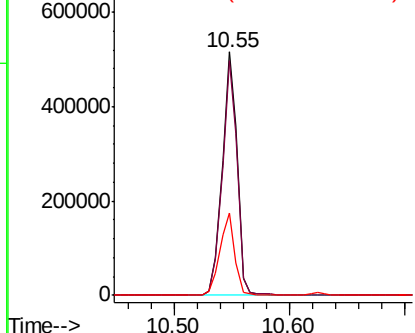
#41
 2,4,6-Tribromophenol
 Concen: 106.517 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 464279
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.5 29.9 44.9

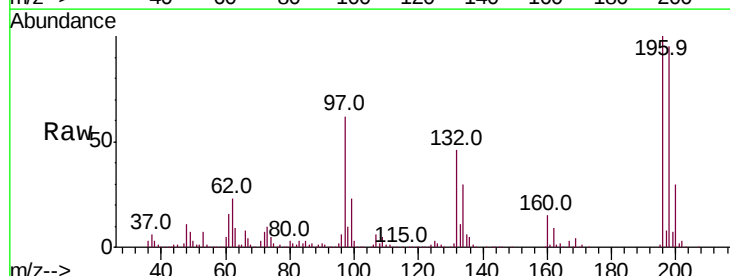


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

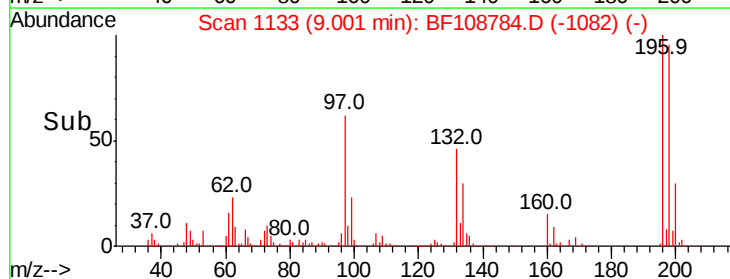
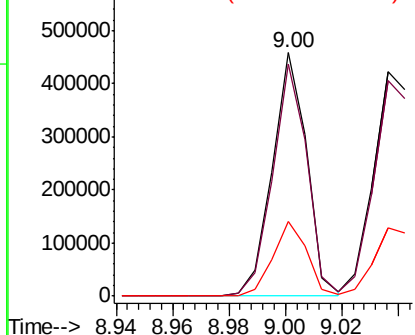


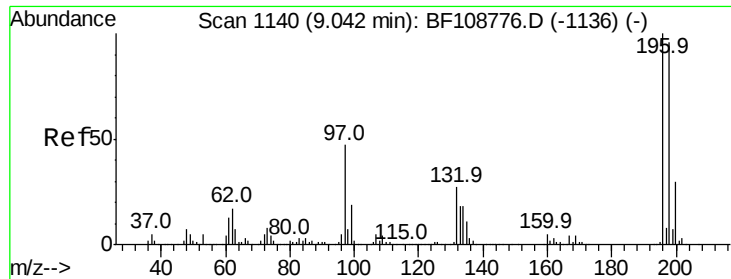
#42
 2,4,6-Trichlorophenol
 Concen: 41.530 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:196 Resp: 386083
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.4 24.5 36.7



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

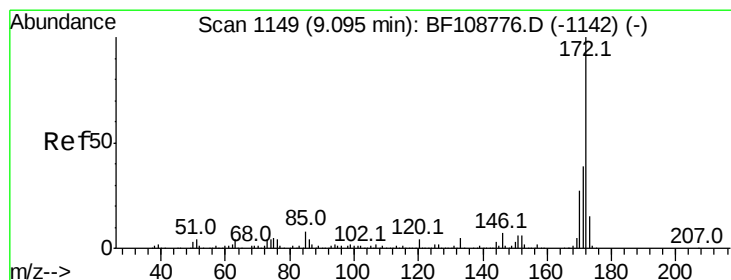
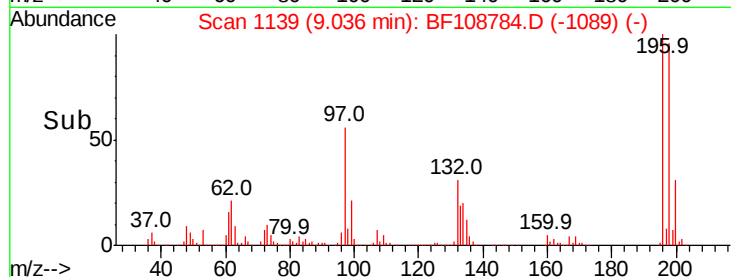
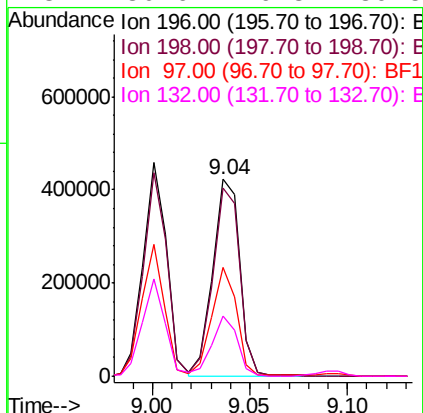
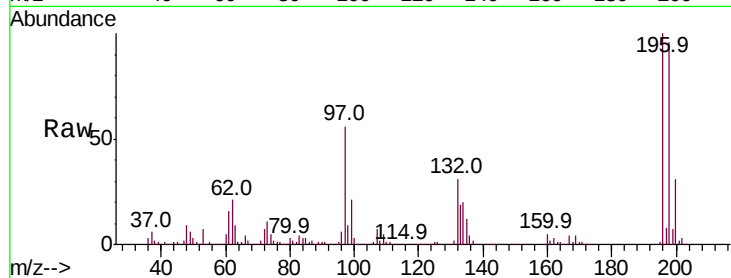




#43
 2,4,5-Trichlorophenol
 Concen: 41.978 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

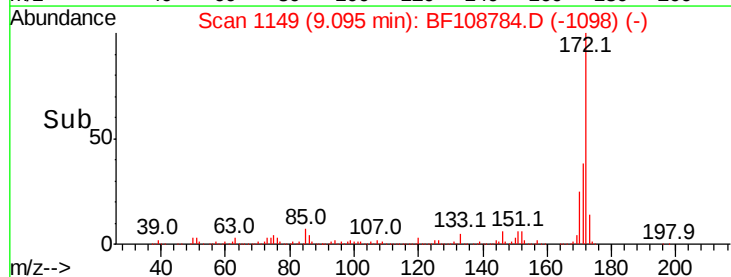
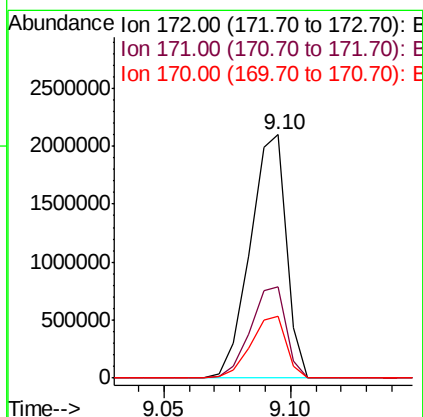
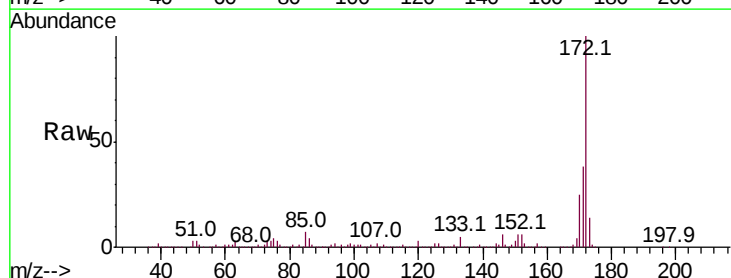
Instrument :
 BNA_F
 ClientSampleId :

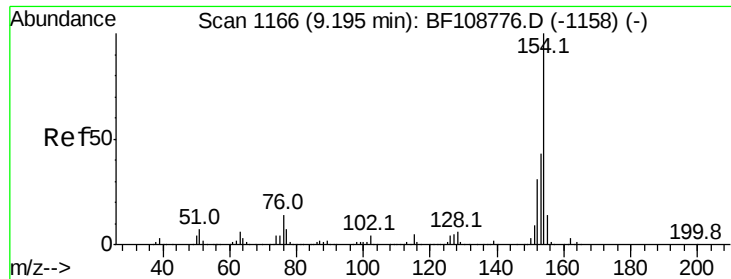
Tot Ion:	196	Resp:	404514
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	55.6	42.9	64.3
132	30.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 78.112 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:	172	Resp:	2090558
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.3	19.6	29.4

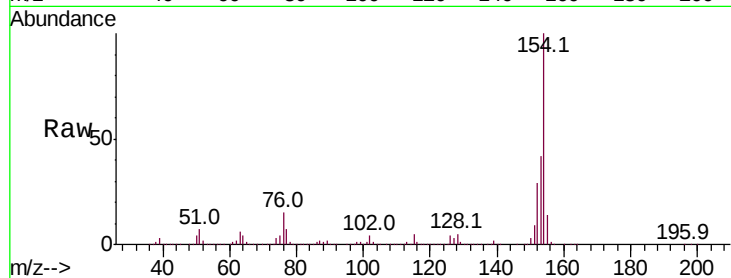




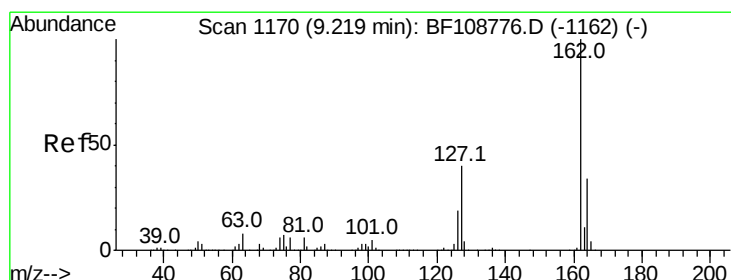
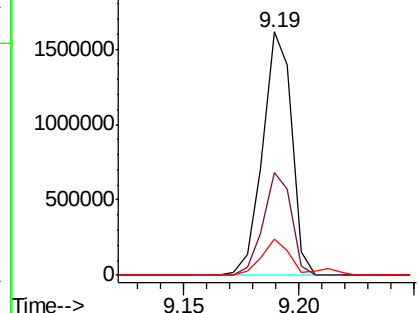
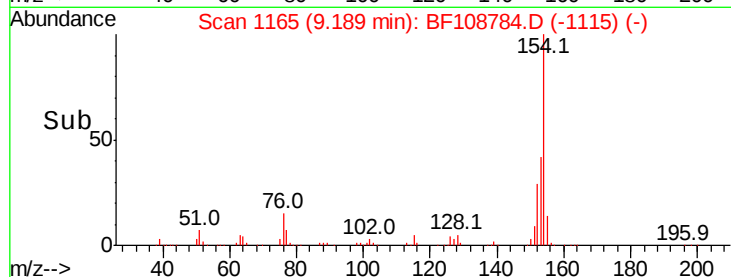
#45
 1,1'-Biphenyl
 Concen: 40.330 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1417630
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 14.8 0.0 34.0

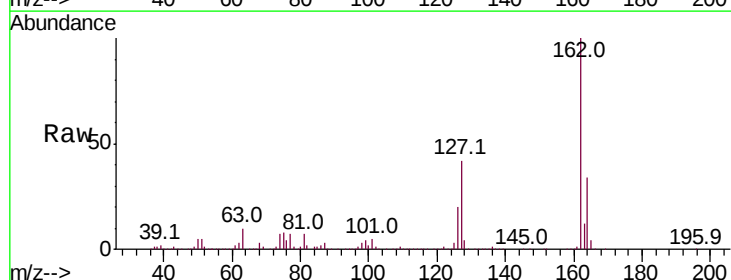


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

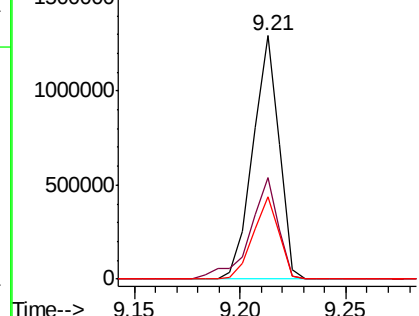
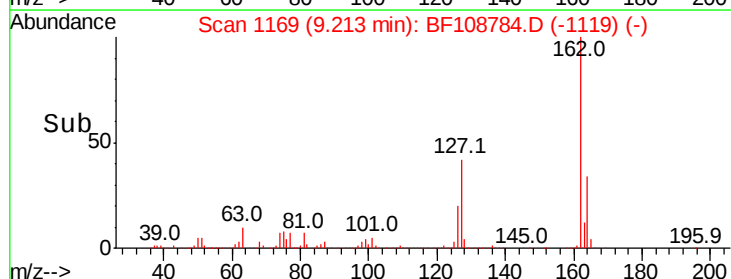


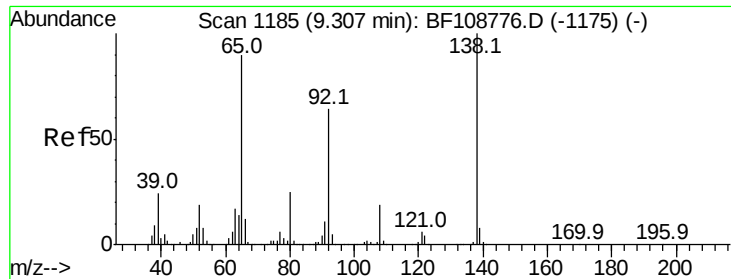
#46
 2-Chloronaphthalene
 Concen: 39.343 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:162 Resp: 1118434
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 33.8 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

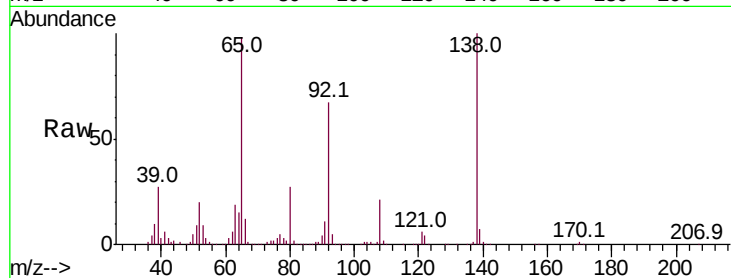




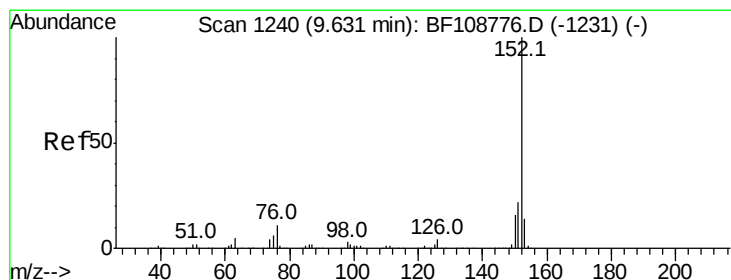
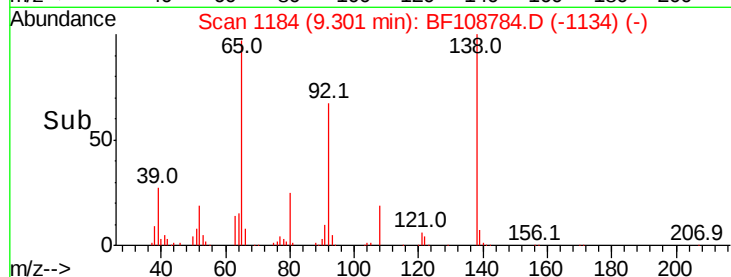
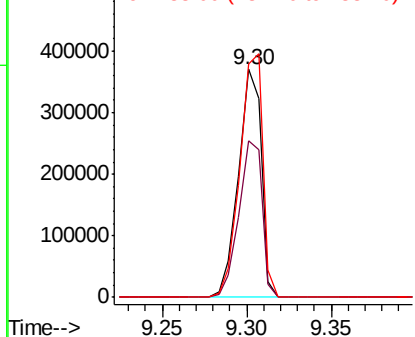
#47
2-Nitroaniline
Concen: 44.756 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 347577
Ion Ratio Lower Upper
65 100
92 68.5 55.8 83.6
138 102.2 91.2 136.8

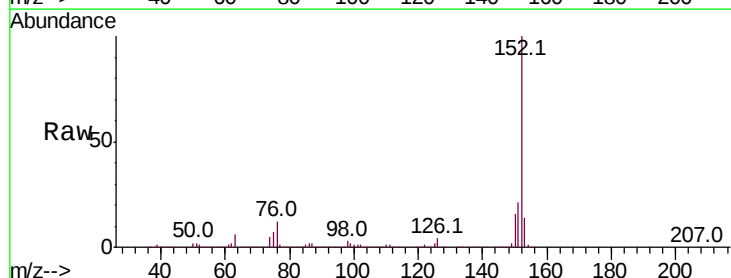


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

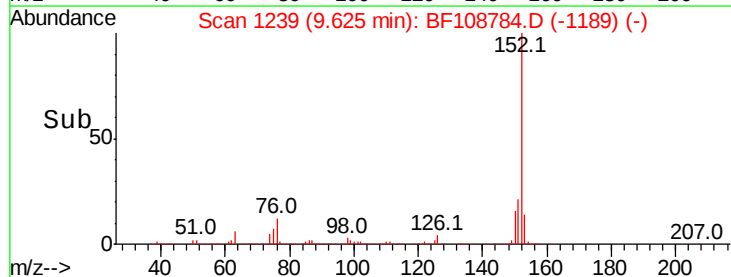
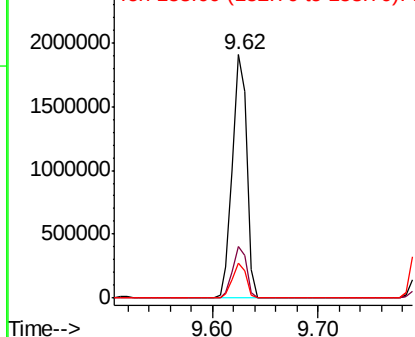


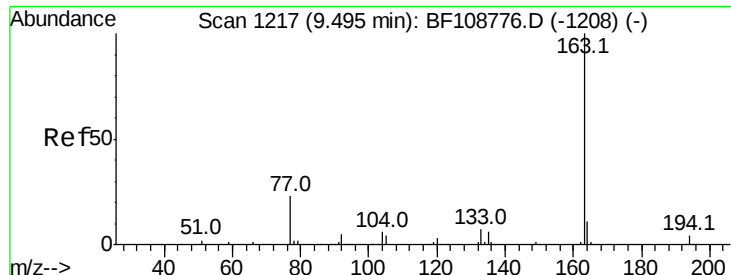
#48
Acenaphthylene
Concen: 41.885 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion: 152 Resp: 1774853
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.3 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

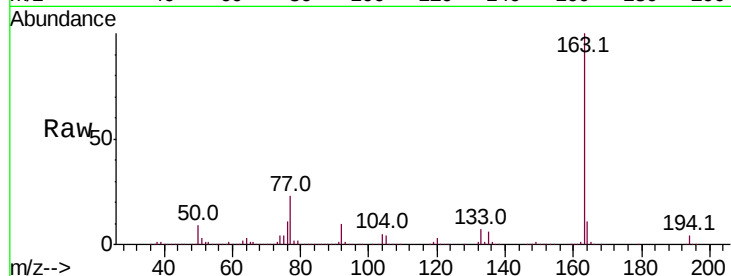




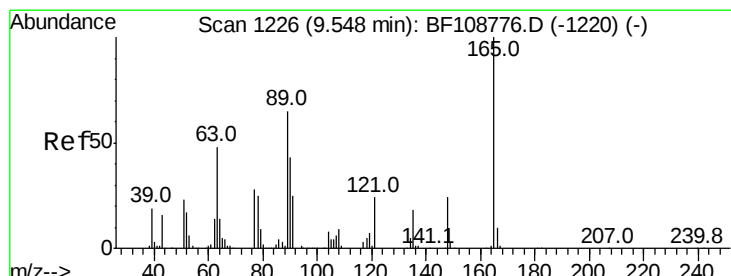
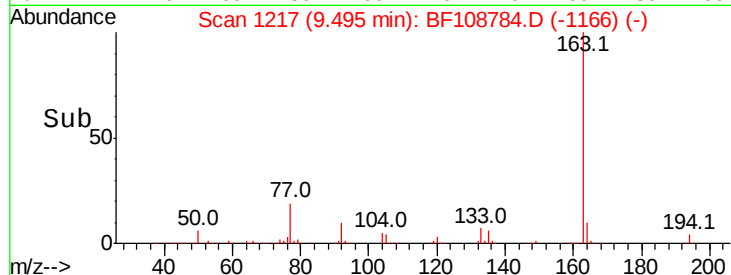
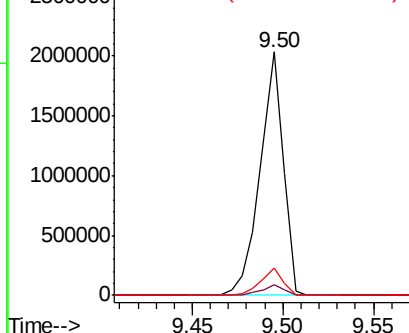
#49
Dimethylphthalate
Concen: 57.162 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1825463
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.0 8.2 12.2

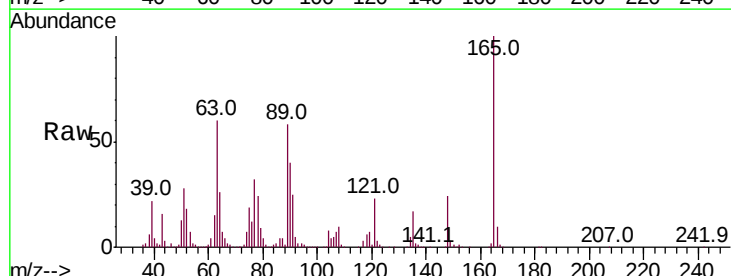


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

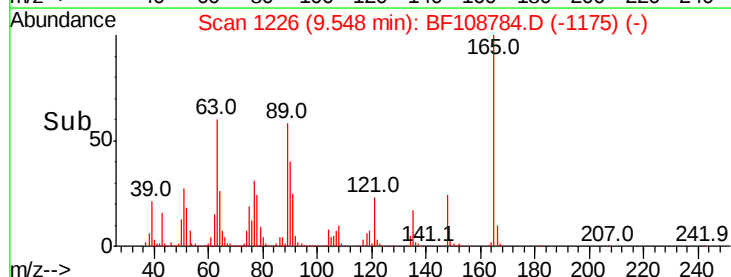
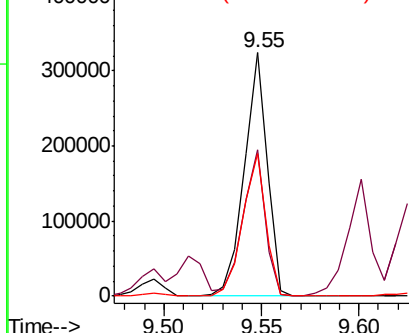


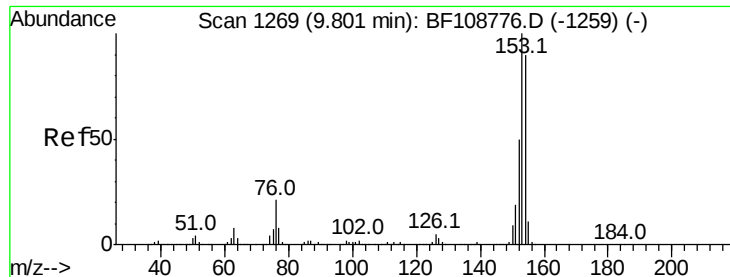
#50
2,6-Dinitrotoluene
Concen: 43.545 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:165 Resp: 264976
Ion Ratio Lower Upper
165 100
63 59.9 44.7 67.1
89 58.5 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: 40.886 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

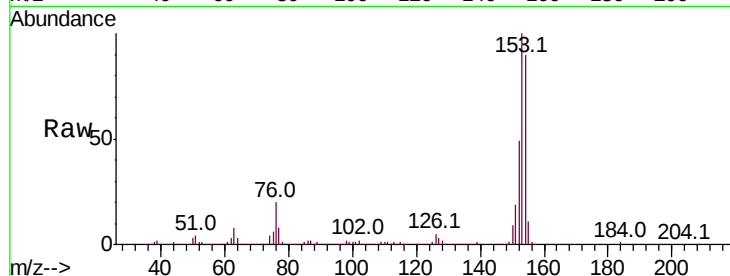
Tot Ion:154 Resp: 1072111

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

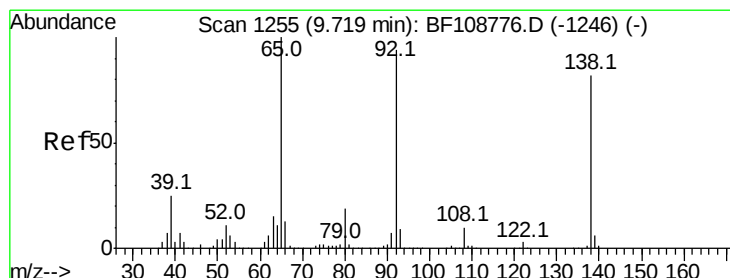
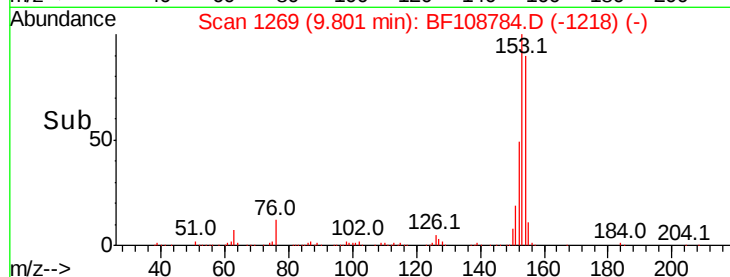
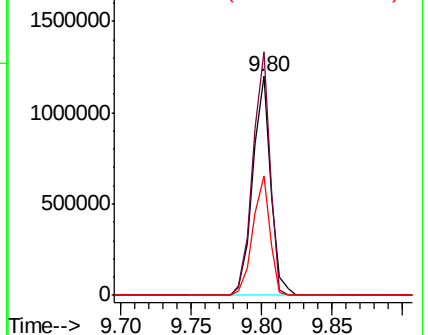
152 54.5 43.8 65.8



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: 36.656 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

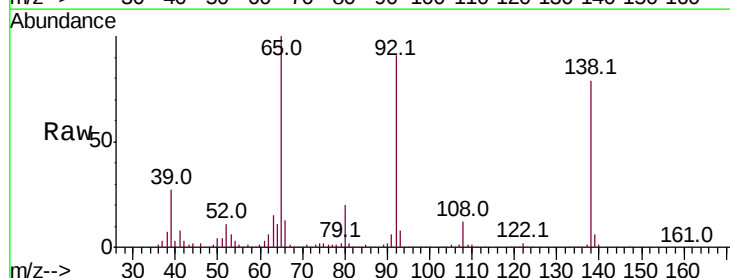
Tgt Ion:138 Resp: 265520

Ion Ratio Lower Upper

138 100

108 15.0 9.4 14.0#

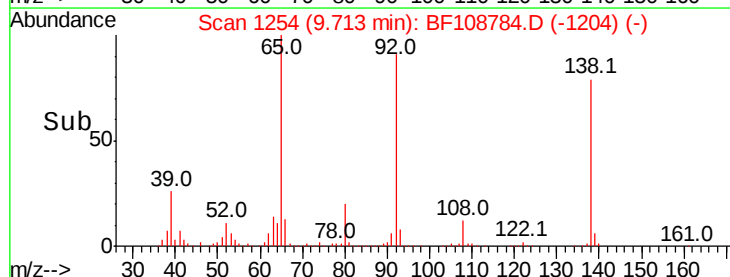
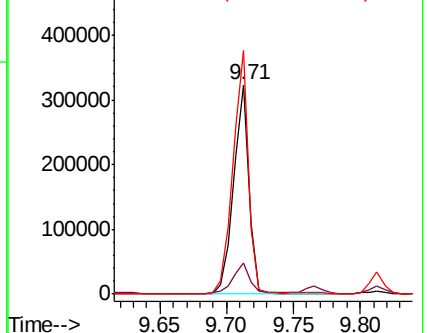
92 116.2 89.4 134.2

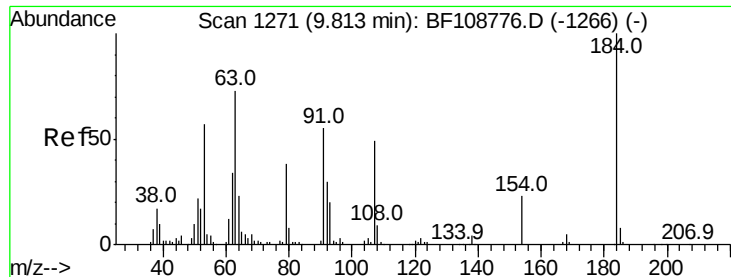


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

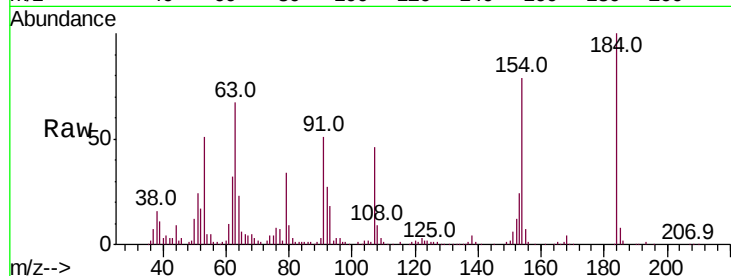




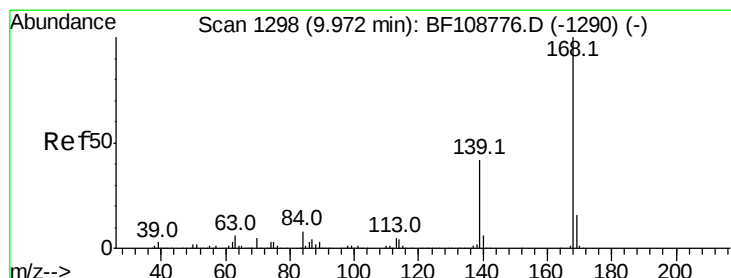
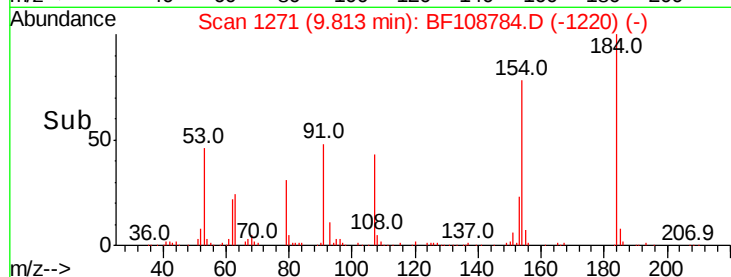
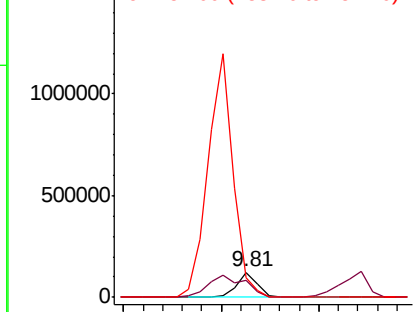
#53
2,4-Dinitrophenol
Concen: 44.519 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 89084
Ion Ratio Lower Upper
184 100
63 67.3 54.2 81.2
154 78.6 184.0 276.0#

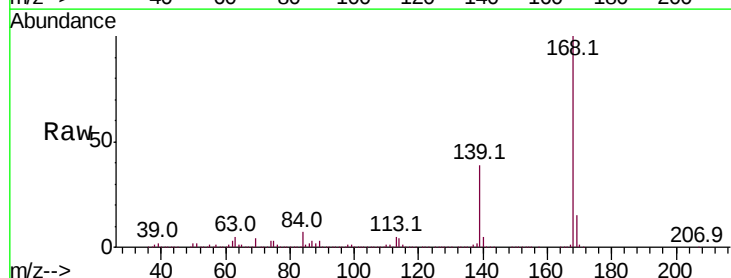


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

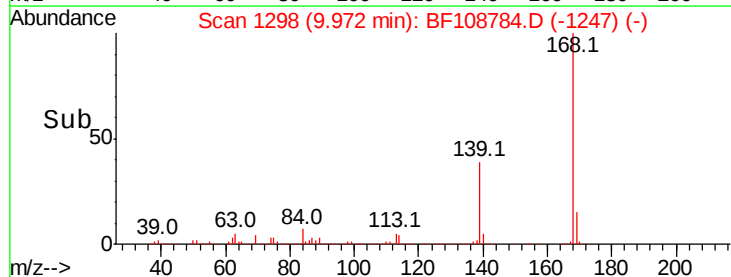
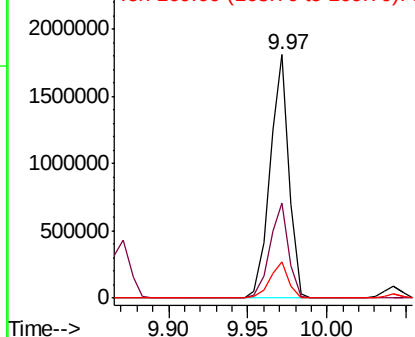


#54
Dibenzofuran
Concen: 39.356 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:168 Resp: 1504298
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.8 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

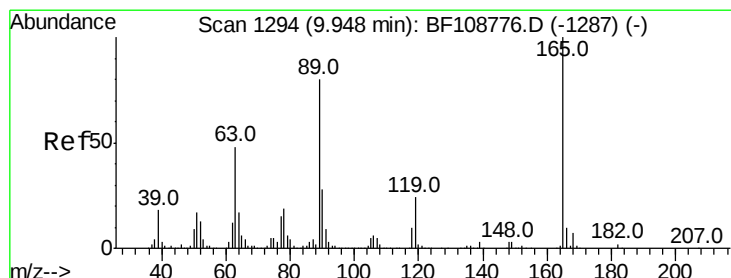
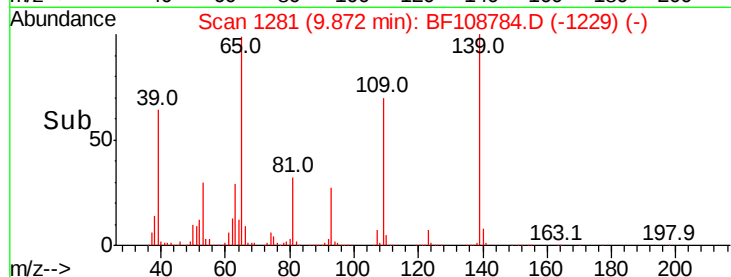
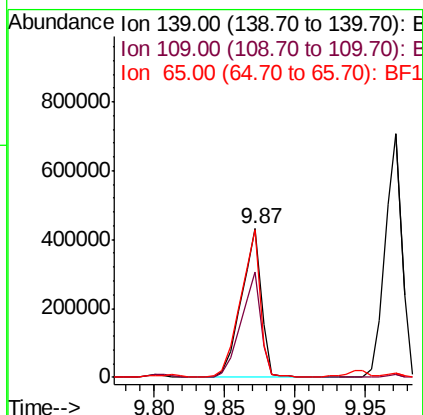
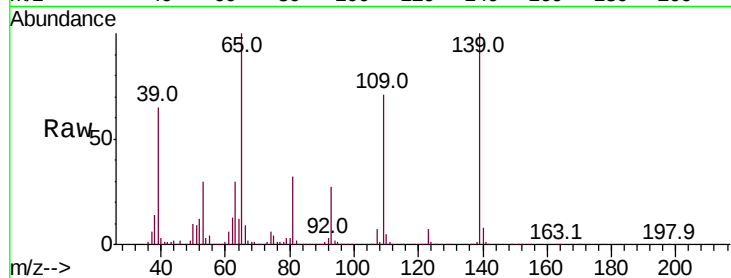




#55
4-Nitrophenol
Concen: 78.163 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

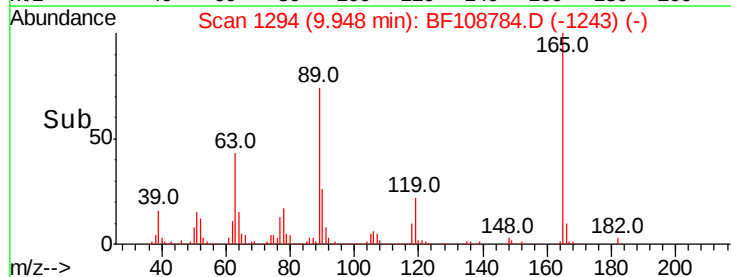
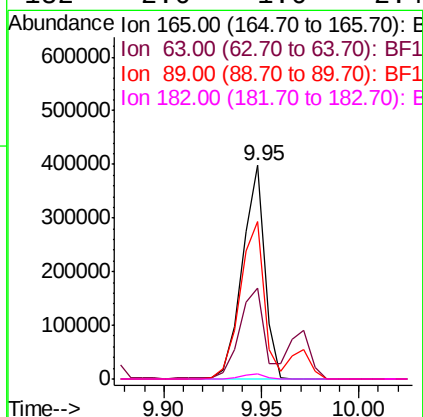
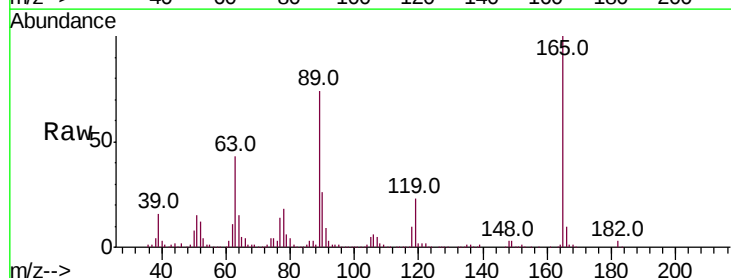
Instrument :
BNA_F
ClientSampleId :

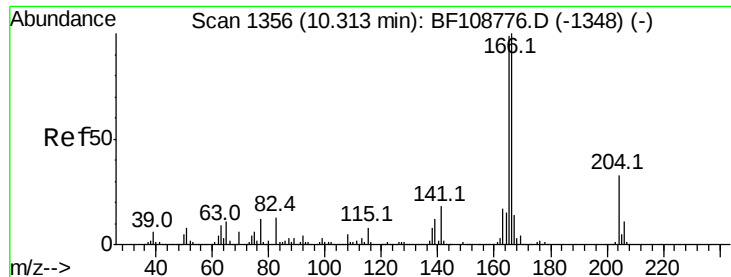
Tot Ion:139 Resp: 423269
Ion Ratio Lower Upper
139 100
109 70.6 48.4 88.4
65 99.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.692 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:165 Resp: 316668
Ion Ratio Lower Upper
165 100
63 42.7 36.4 54.6
89 73.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 44.159 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

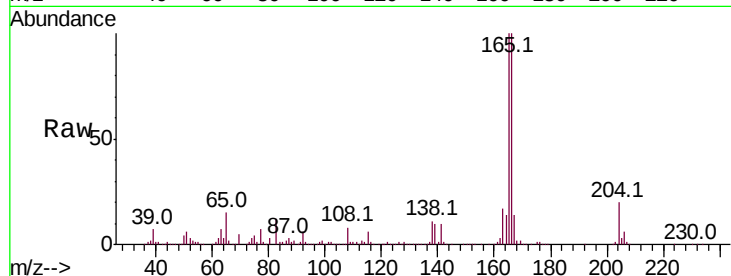
Tot Ion:166 Resp: 1083190

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

167 13.6 10.6 16.0

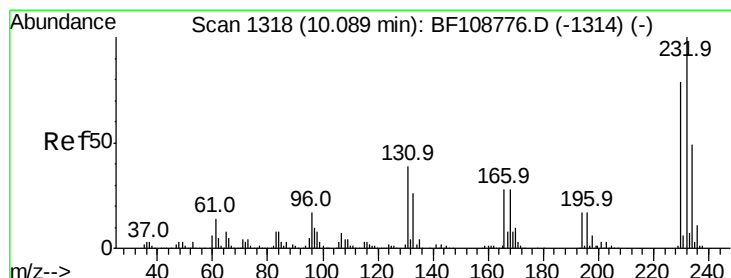
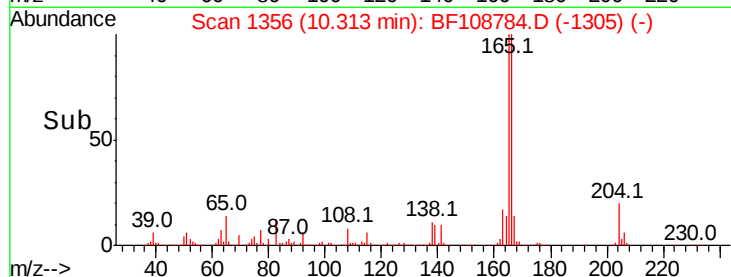
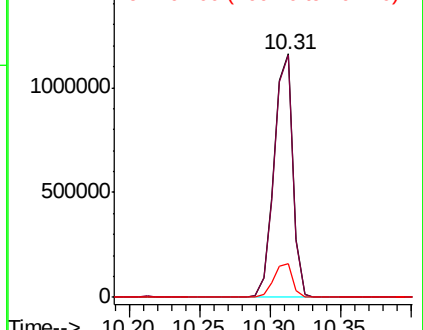


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.075 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Tgt Ion:232 Resp: 326969

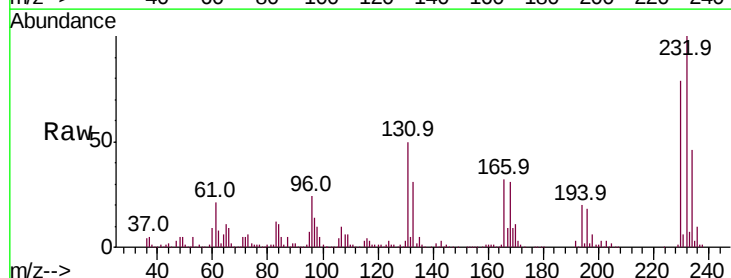
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.8 2.1 3.1

166 29.8 27.8 41.6



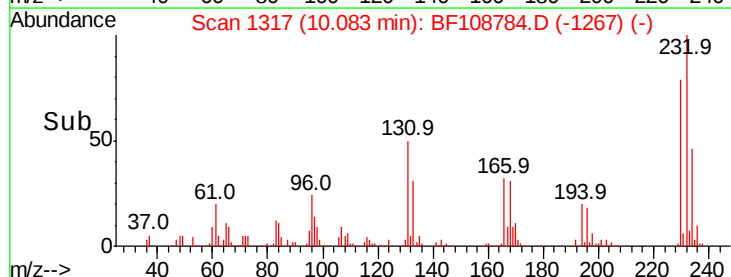
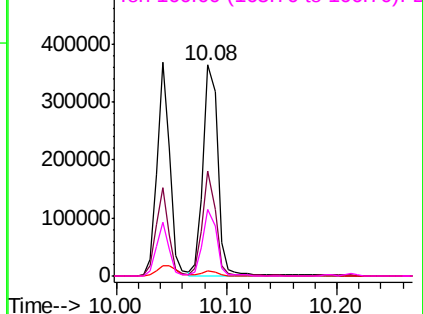
Abundance

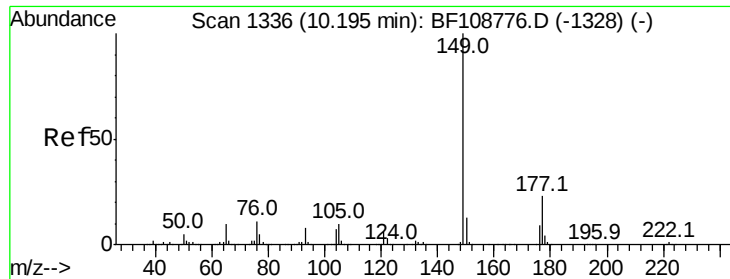
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

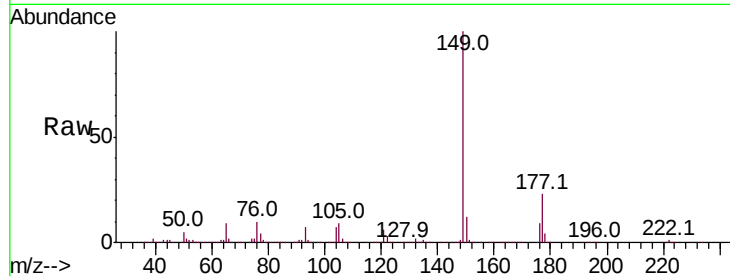




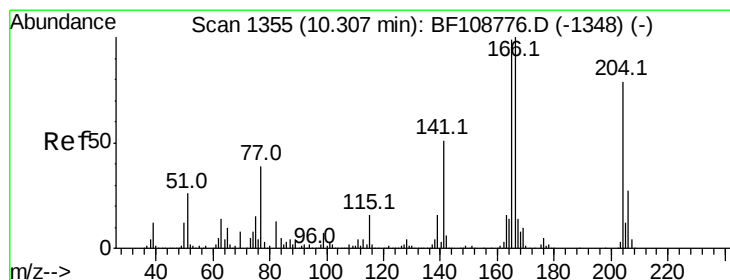
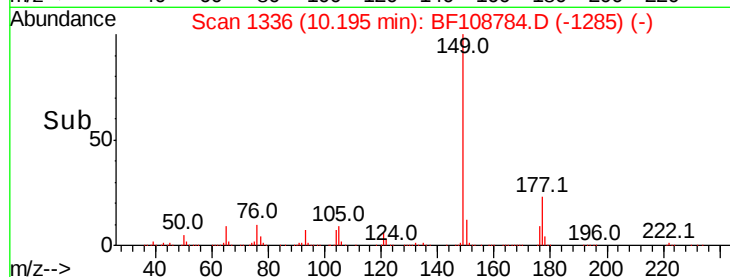
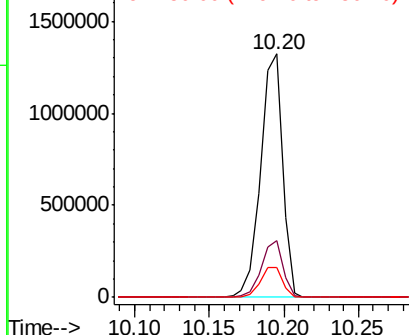
#59
Diethylphthalate
Concen: 40.386 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1330950
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 12.2 10.1 15.1

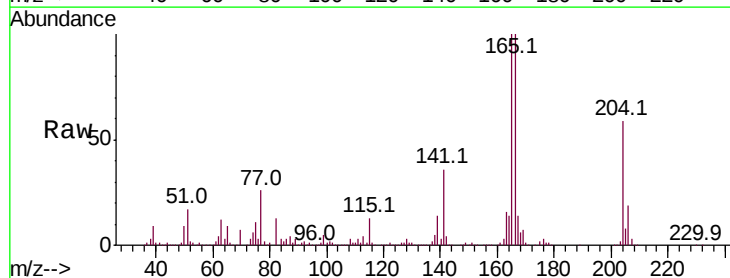


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

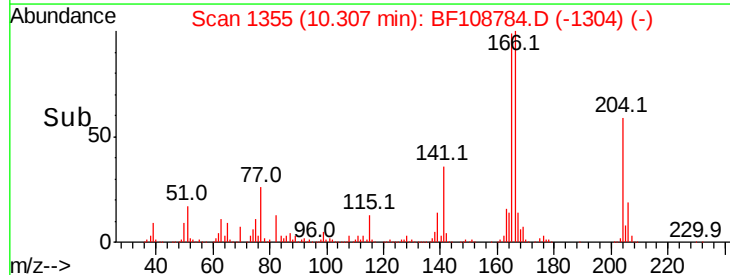
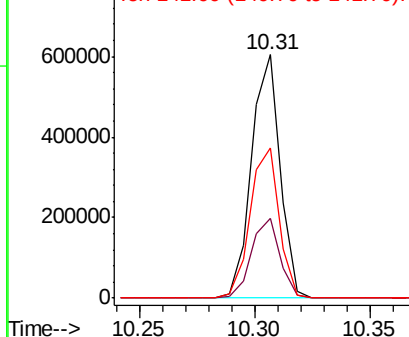


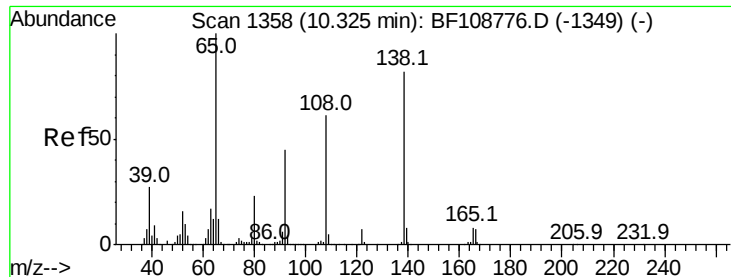
#60
4-Chlorophenyl-phenylether
Concen: 39.962 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:204 Resp: 523507
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.8 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

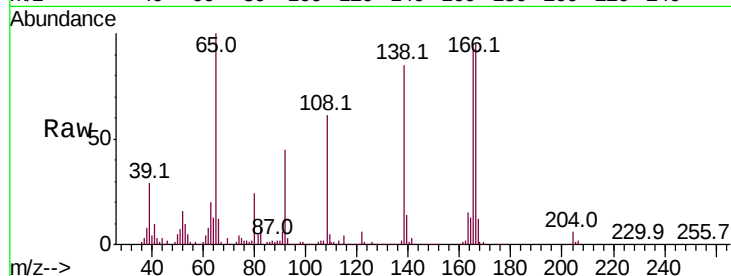




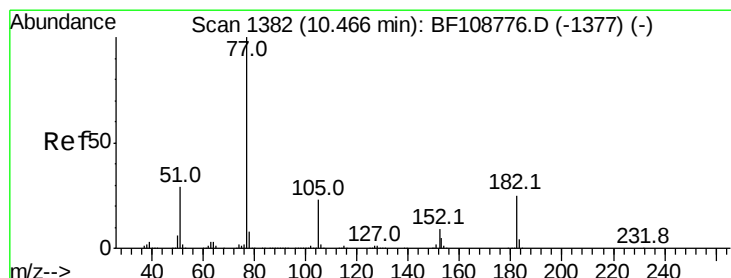
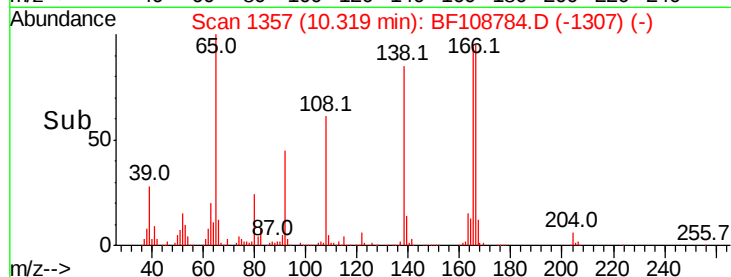
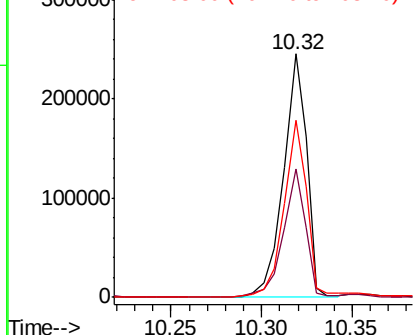
#61
4-Nitroaniline
Concen: 33.455 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 219534
Ion Ratio Lower Upper
138 100
92 52.6 30.2 70.2
108 72.5 52.5 92.5

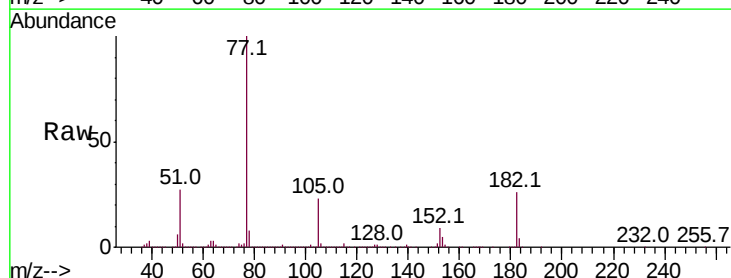


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

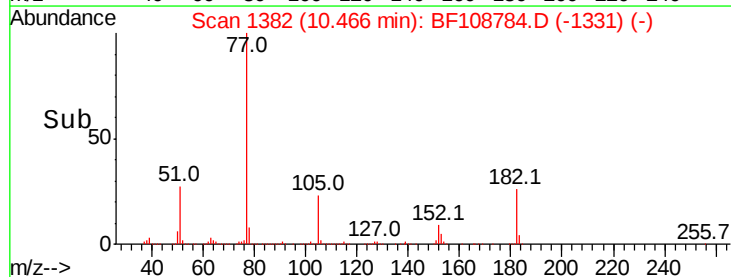
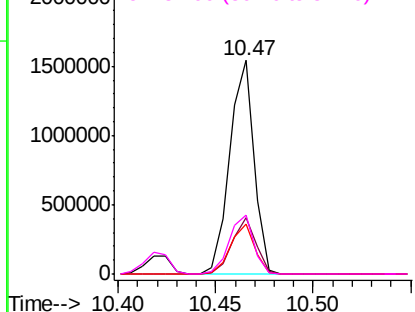


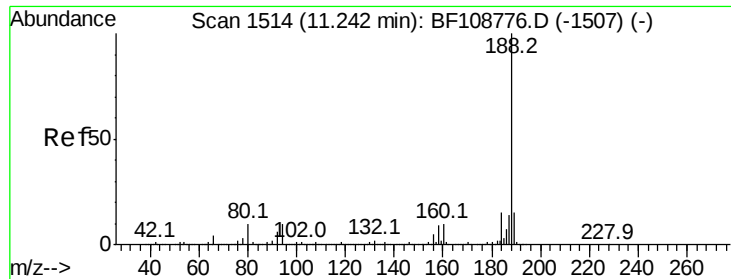
#62
Azobenzene
Concen: 39.098 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion: 77 Resp: 1330025
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 23.3 3.0 43.0
51 27.3 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: 11.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampled :

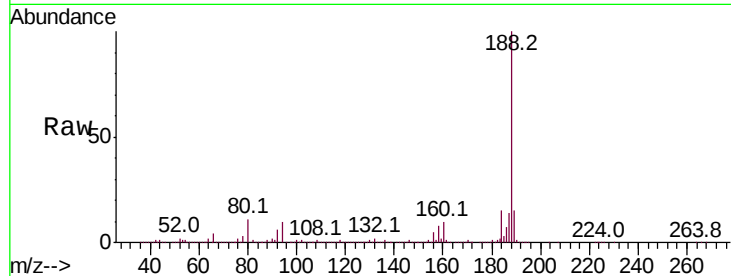
Tot Ion:188 Resp: 793822

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

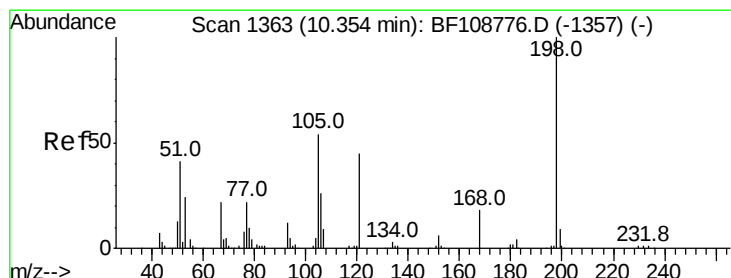
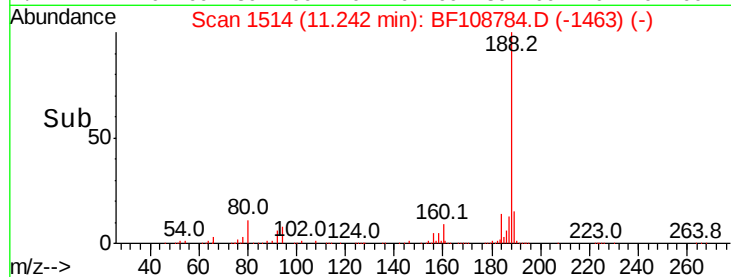
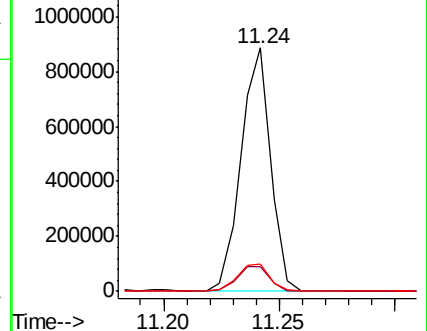
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 27.778 ng

RT: 10.35 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

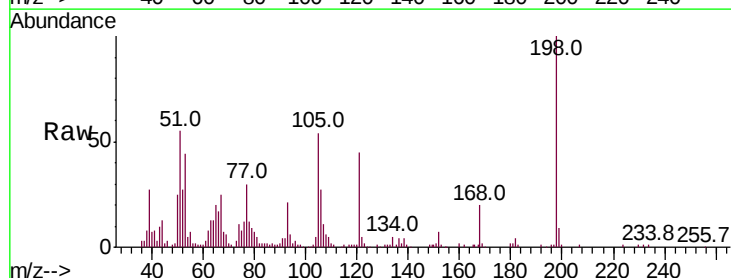
Tgt Ion:198 Resp: 76174

Ion Ratio Lower Upper

198 100

51 55.1 37.7 77.7

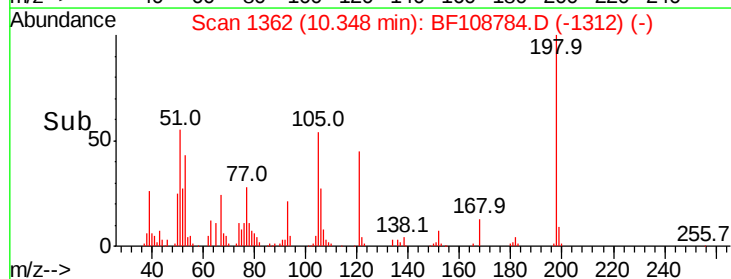
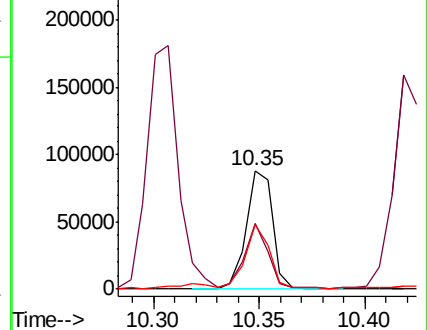
105 53.8 36.3 76.3

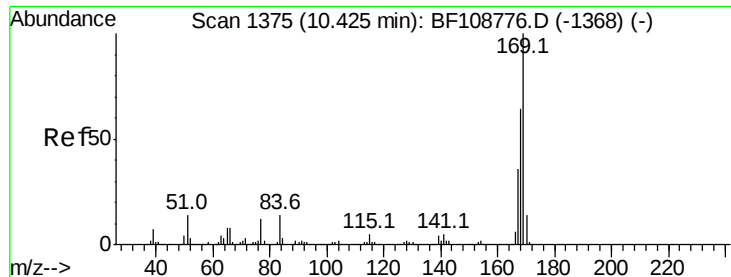


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.817 ng

RT: 10.42 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

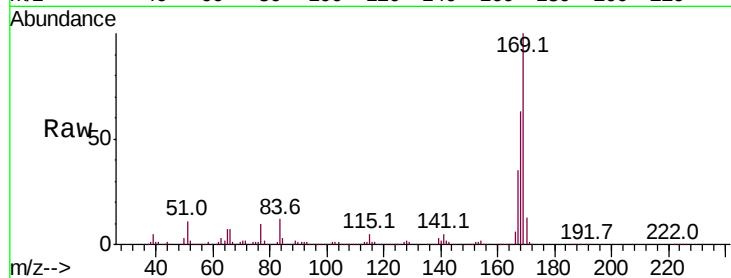
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1050889

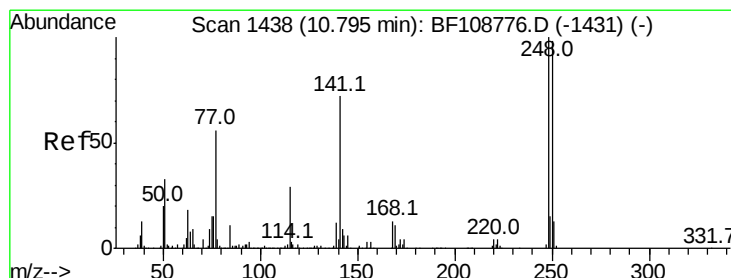
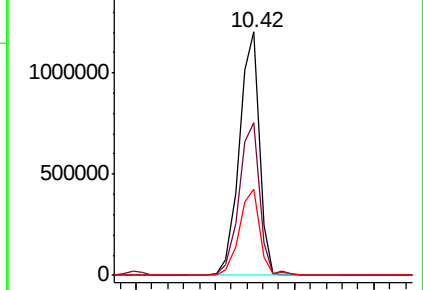
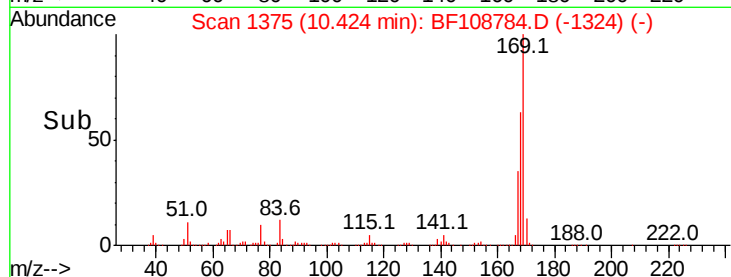
Ion	Ratio	Lower	Upper
169	100		
168	62.9	54.4	81.6
167	35.5	29.8	44.6



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: 40.692 ng

RT: 10.79 min Scan# 1437

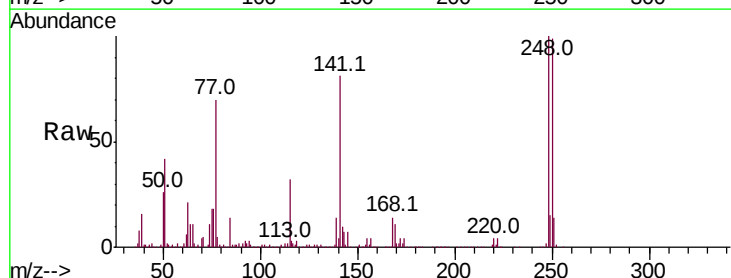
Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Tgt Ion:248 Resp: 364837

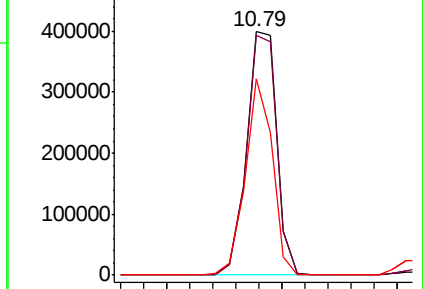
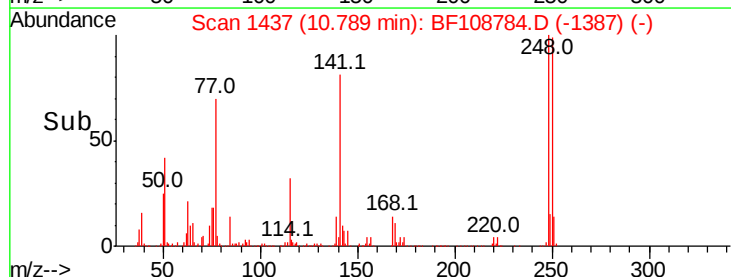
Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	80.5	74.4	111.6

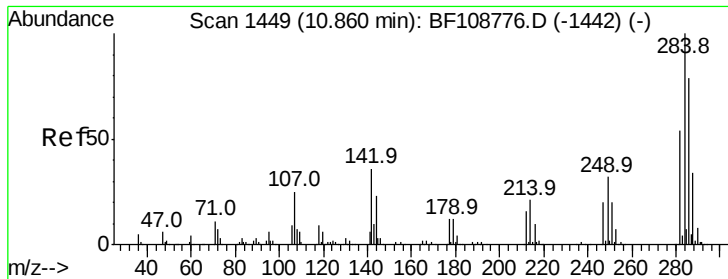


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.677 ng

RT: 10.86 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampled :

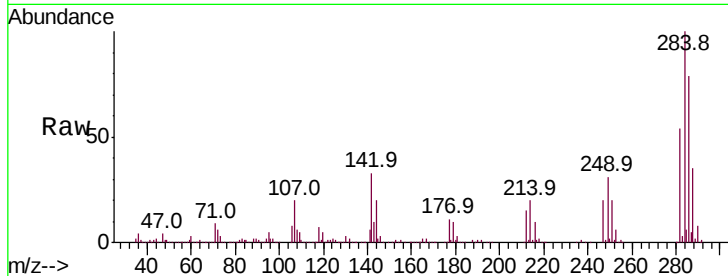
Tot Ion:284 Resp: 370181

Ion Ratio Lower Upper

284 100

142 32.5 34.6 52.0#

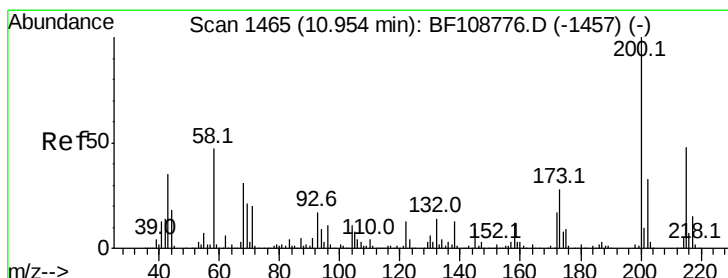
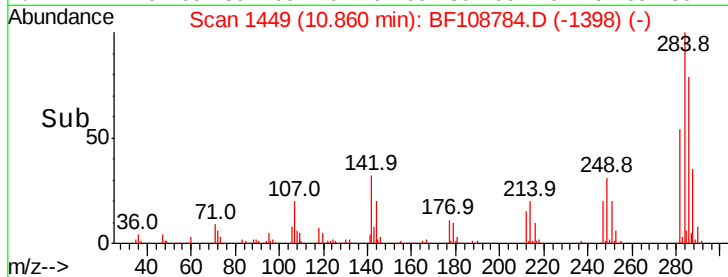
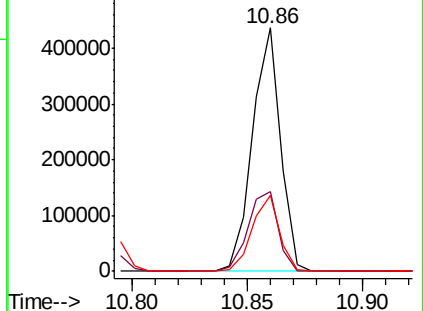
249 31.0 24.8 37.2



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: 37.656 ng

RT: 10.95 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

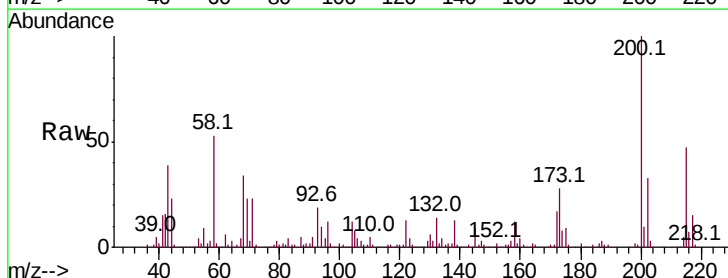
Tgt Ion:200 Resp: 318159

Ion Ratio Lower Upper

200 100

173 28.1 8.6 48.6

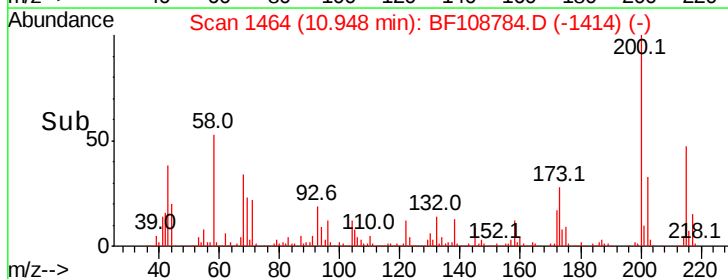
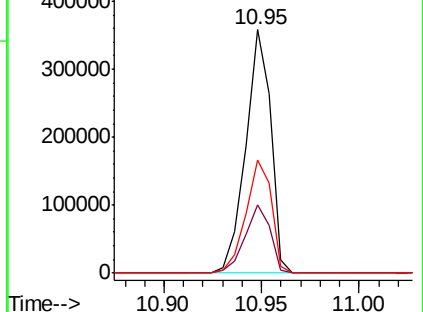
215 46.5 25.1 65.1

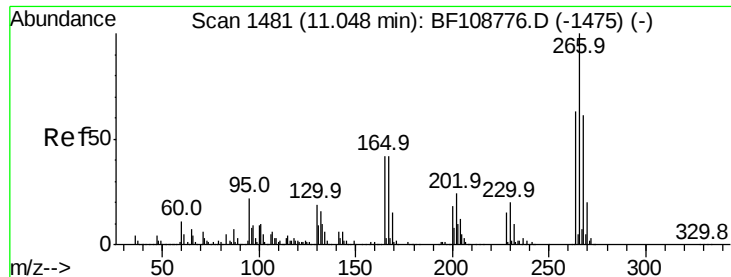


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

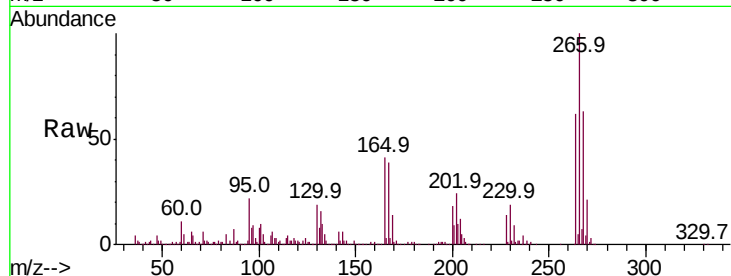




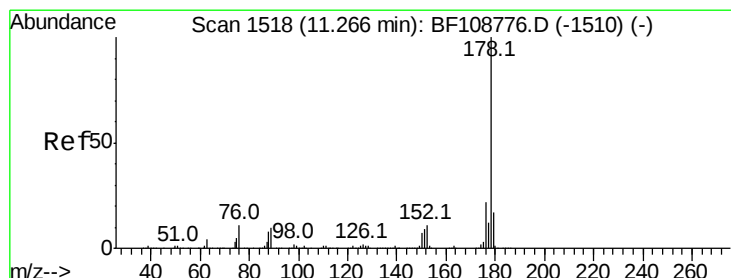
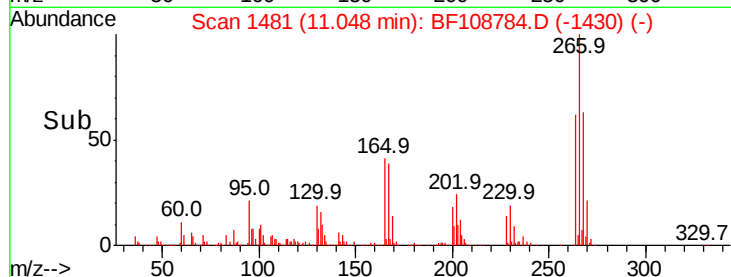
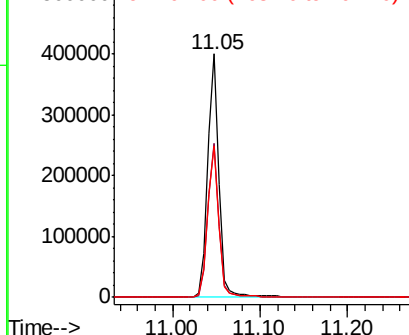
#69
 Pentachlorophenol
 Concen: 61.669 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 360858
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.0 49.5 74.3

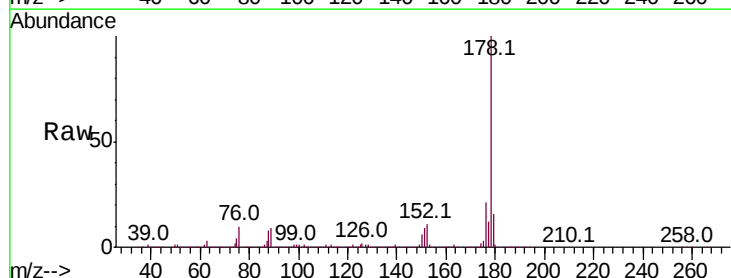


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

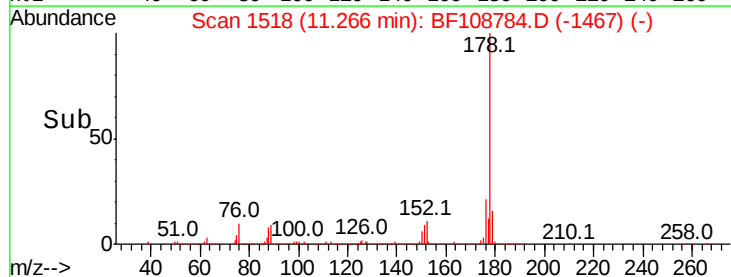
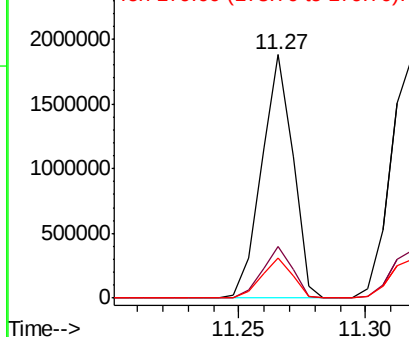


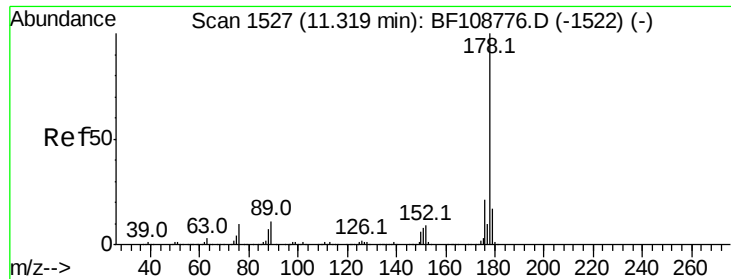
#70
 Phenanthrene
 Concen: 42.463 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:178 Resp: 1609704
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.8 23.8
 179 16.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



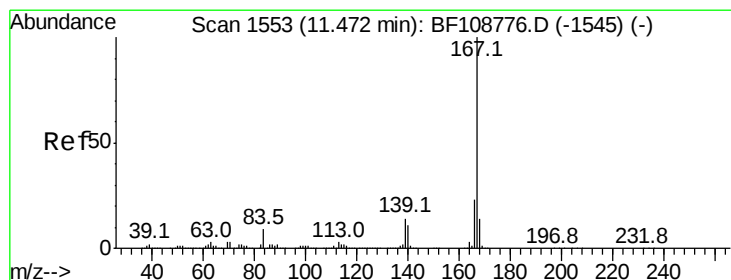
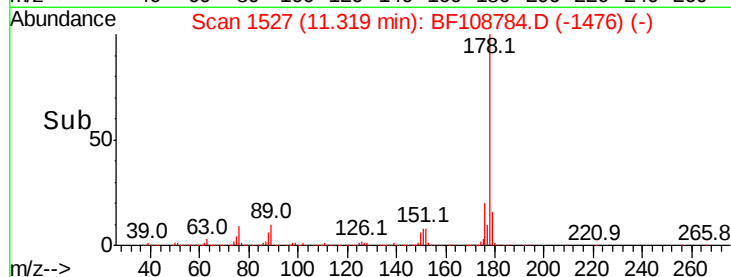
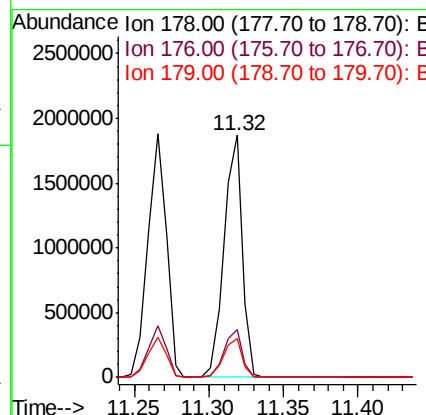
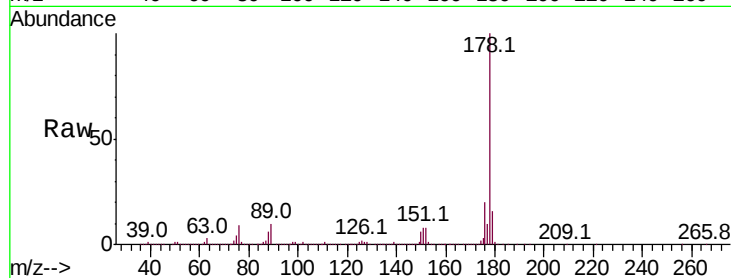


#71
 Anthracene
 Concen: 44.524 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1616029

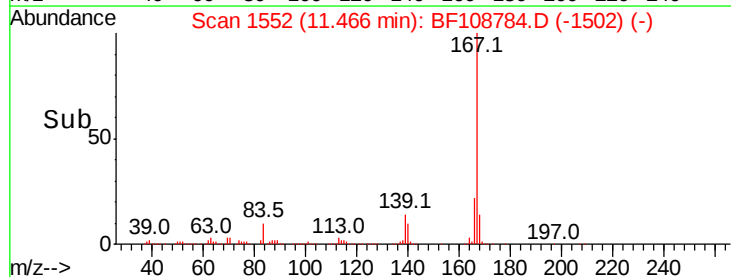
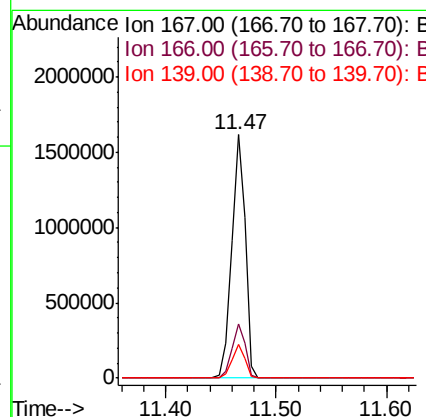
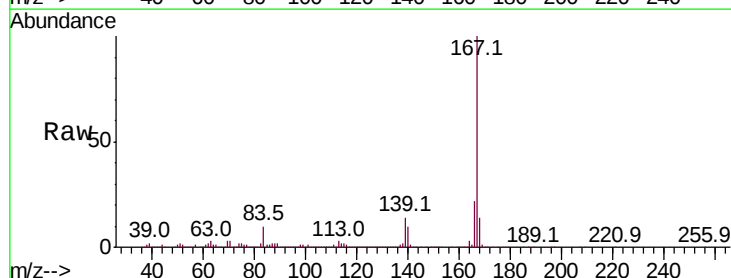
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.1	12.6	19.0

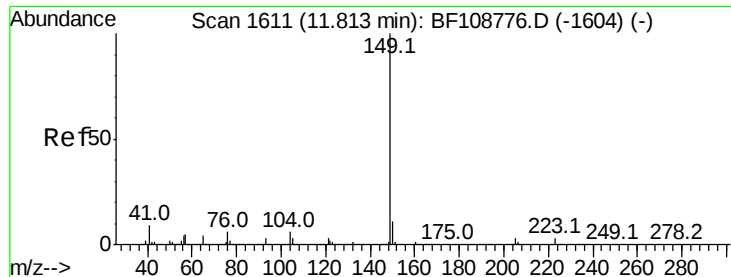


#72
 Carbazole
 Concen: 36.399 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:167 Resp: 1391300

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3

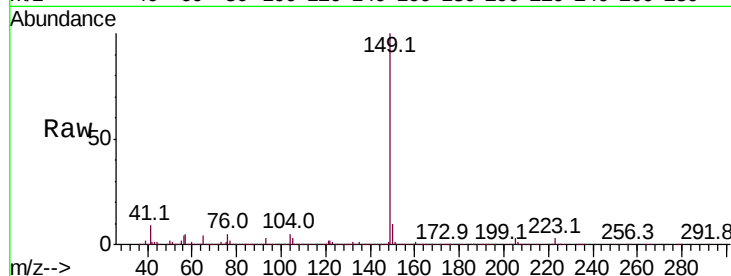




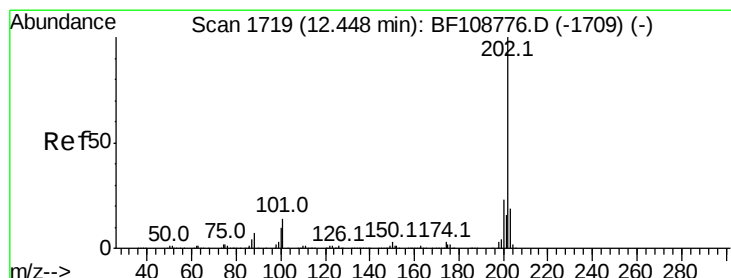
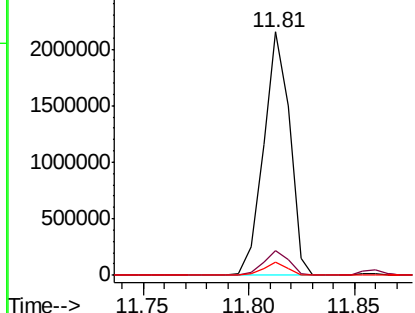
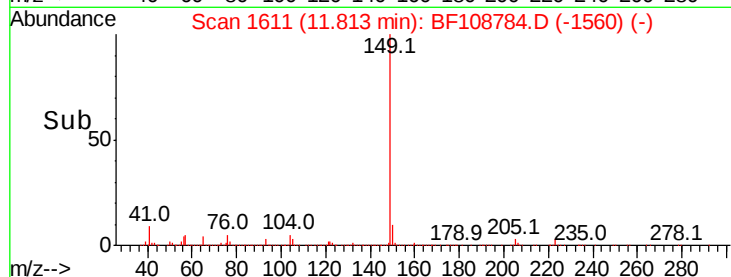
#73
Di-n-butylphthalate
Concen: 43.488 ng
RT: 11.81 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1845946
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.4 3.8 5.8

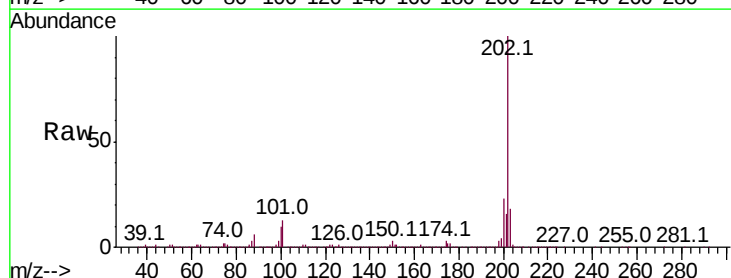


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

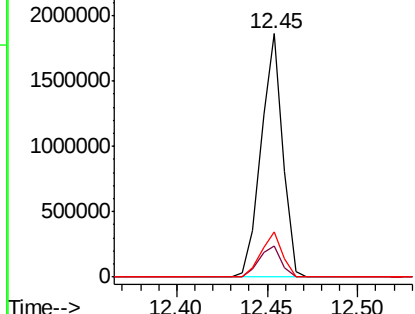
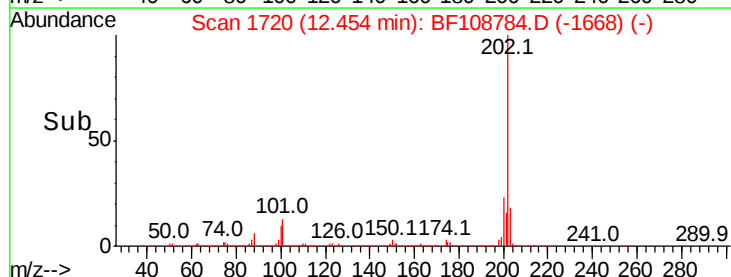


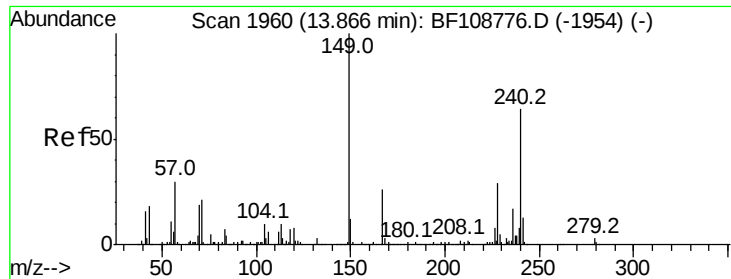
#74
Fluoranthene
Concen: 40.997 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:202 Resp: 1538758
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

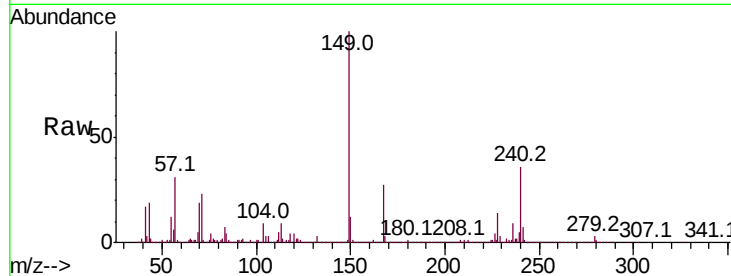
Tot Ion:240 Resp: 460364

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

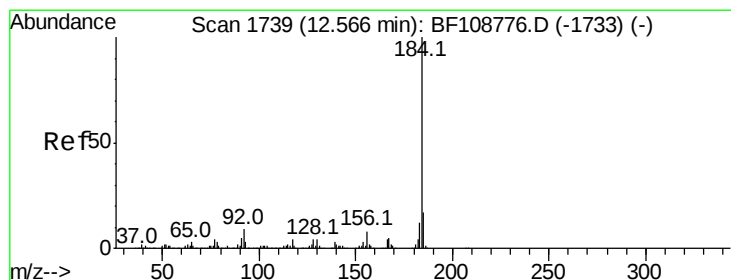
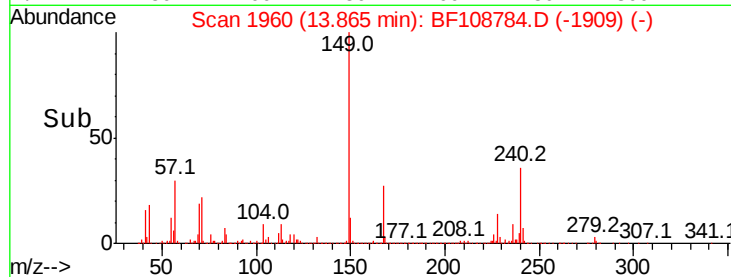
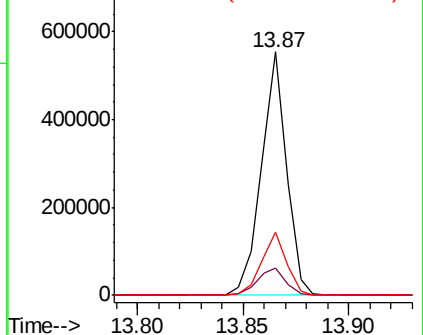
236 26.1 20.7 31.1



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: 3.384 ng

RT: 12.55 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

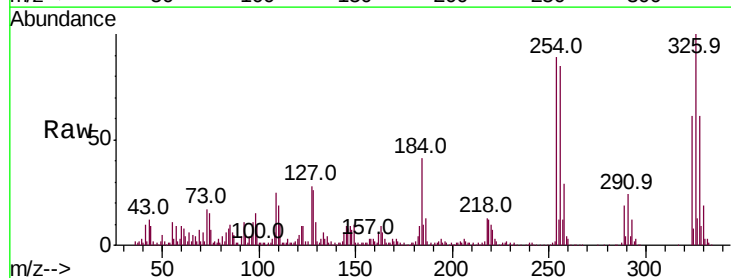
Tgt Ion:184 Resp: 73839

Ion Ratio Lower Upper

184 100

185 23.6 12.6 18.8#

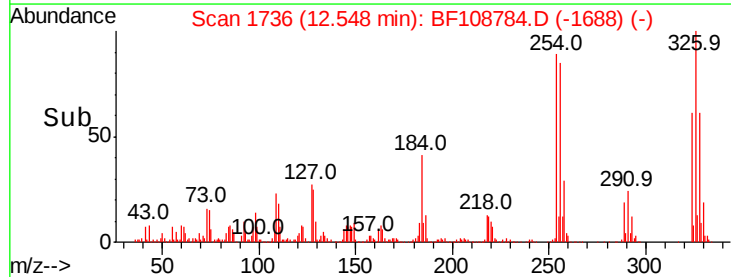
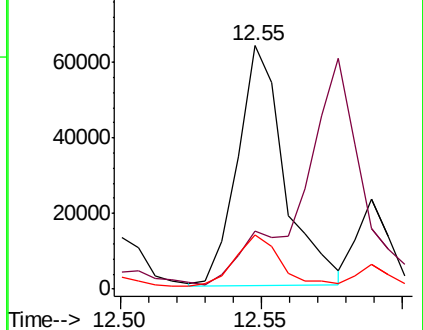
183 22.1 9.3 13.9#

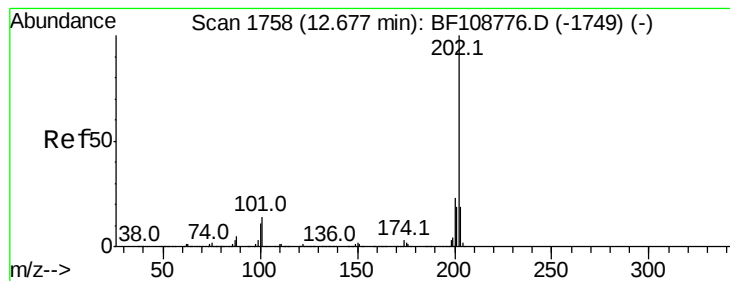


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.594 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

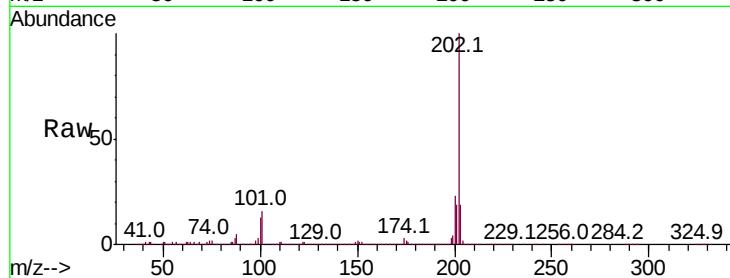
Tot Ion:202 Resp: 1544280

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

203 18.8 14.3 21.5

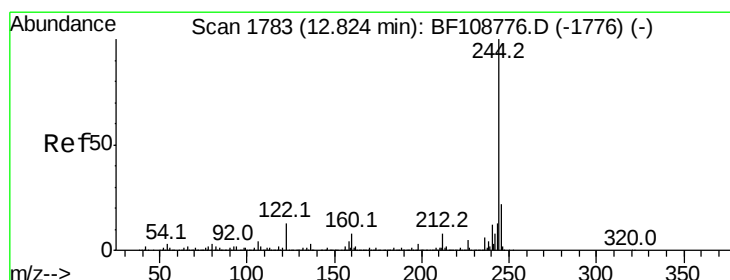
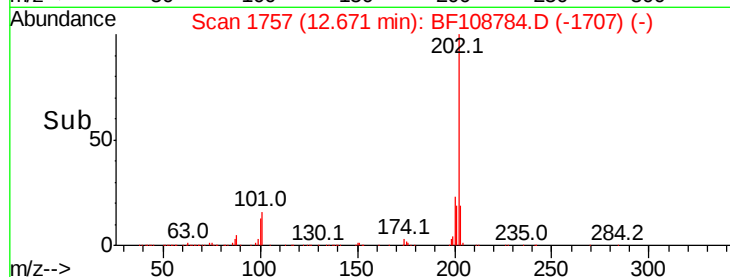
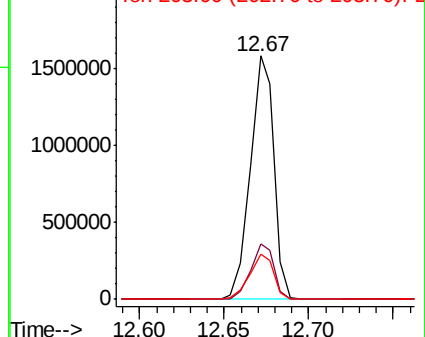


Abundance

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: 86.985 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

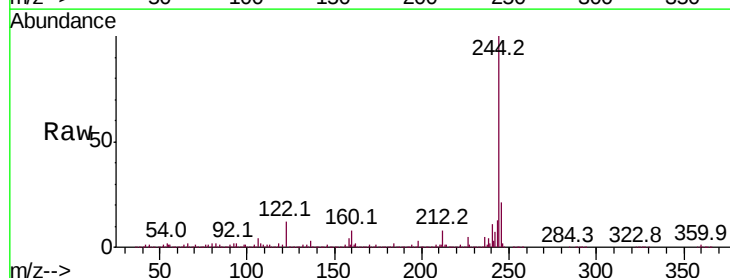
Tgt Ion:244 Resp: 1717259

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 12.2 11.0 16.4

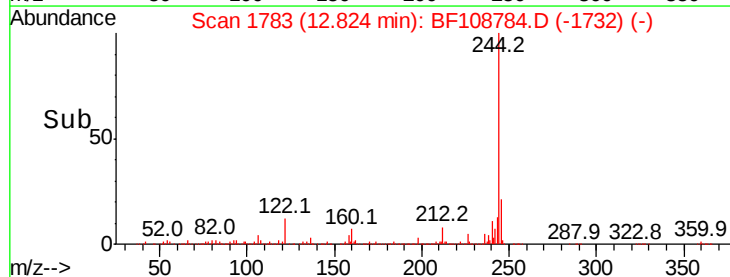
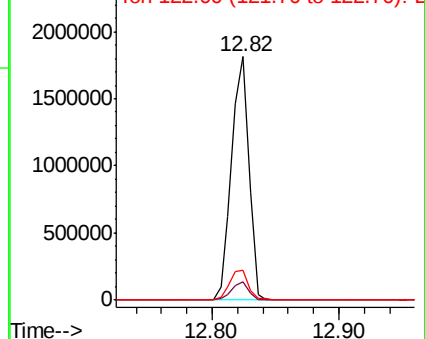


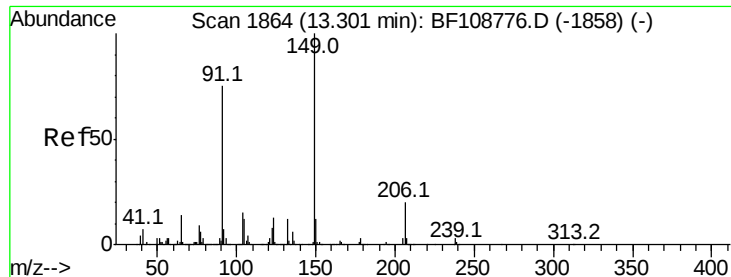
Abundance

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

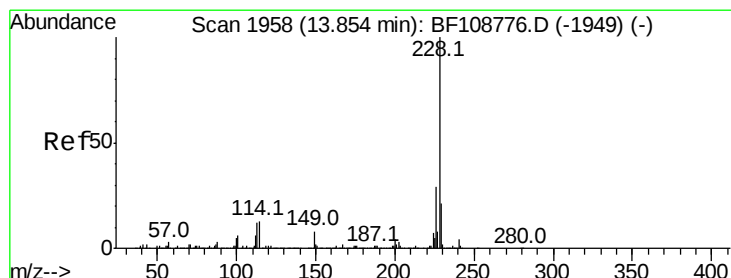
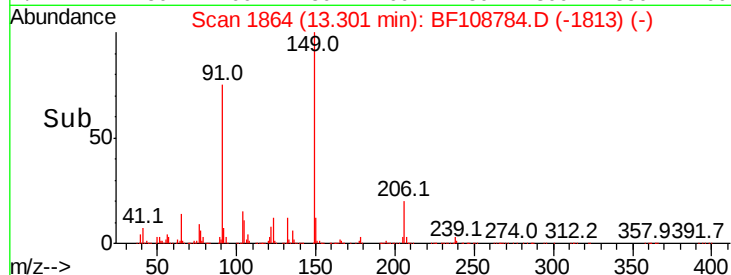
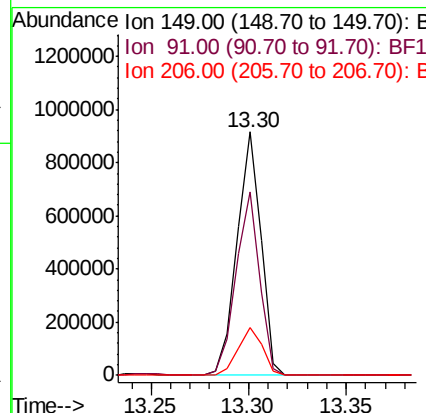
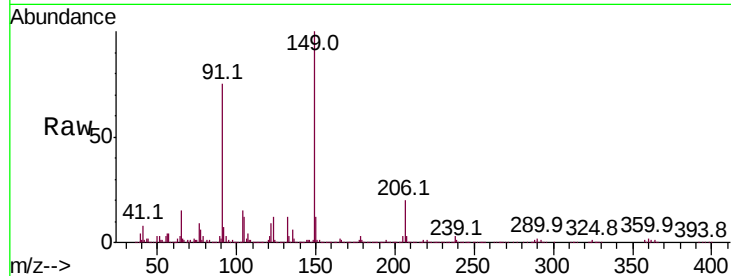




#79
Butylbenzylphthalate
Concen: 48.475 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

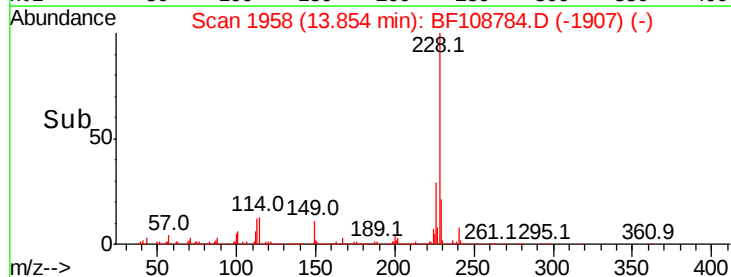
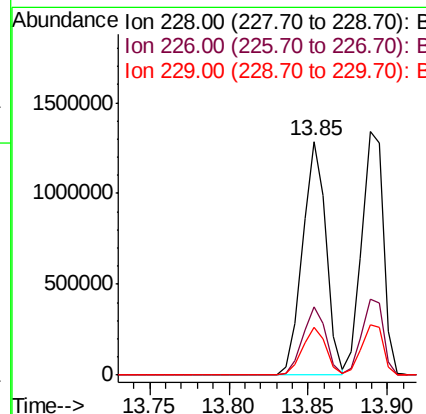
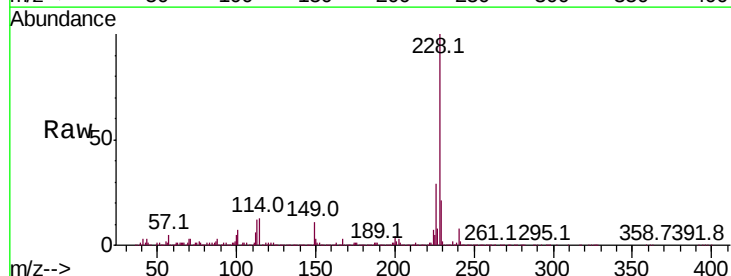
Instrument :
BNA_F
ClientSampleId :

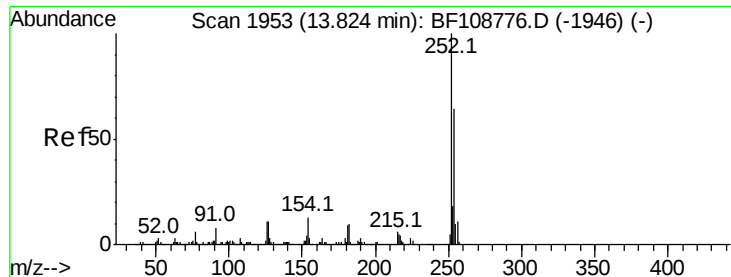
Tot Ion:149 Resp: 773306
Ion Ratio Lower Upper
149 100
91 75.3 56.8 85.2
206 19.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.451 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108784.D
Acq: 5 Sep 2018 19:50

Tgt Ion:228 Resp: 1311653
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 20.7 15.8 23.6

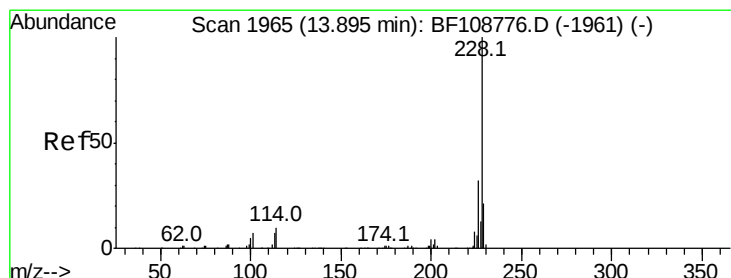
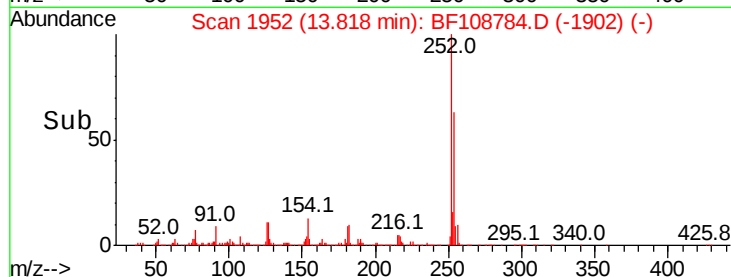
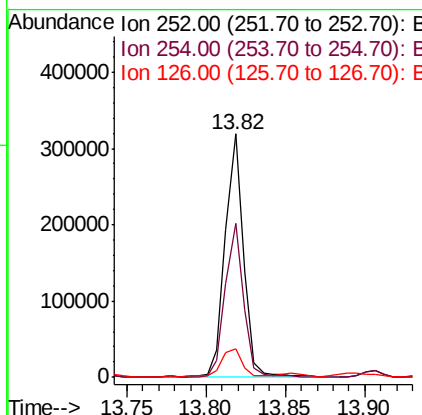
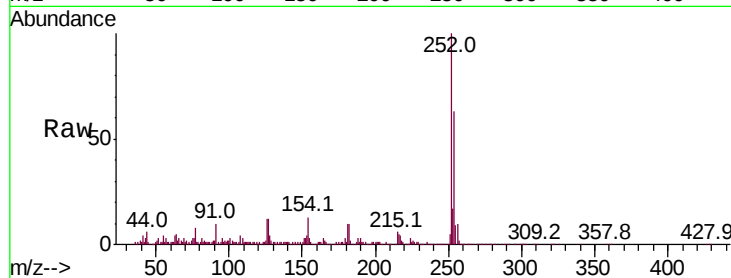




#81
 3,3'-Dichlorobenzidine
 Concen: 22.149 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

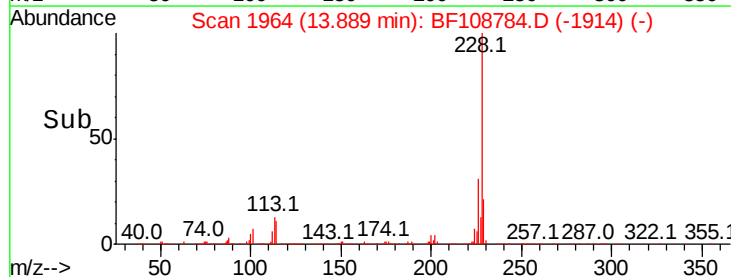
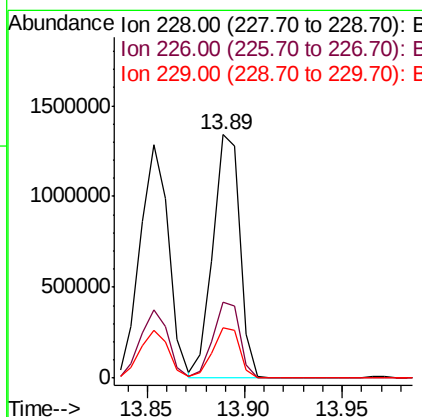
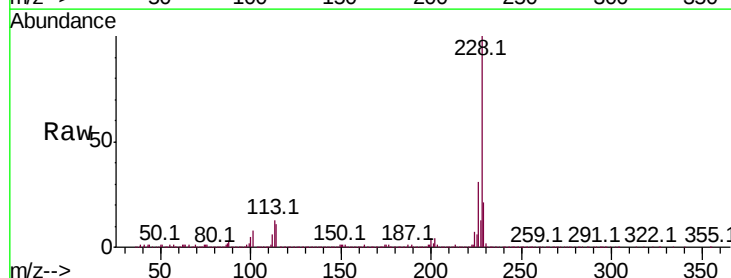
Instrument :
 BNA_F
 ClientSampleId :

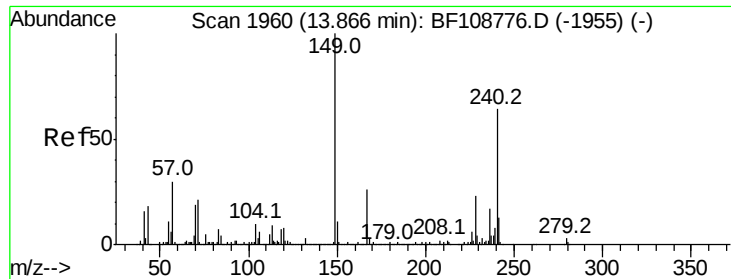
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	11.5	11.3	16.9



#82
 Chrysene
 Concen: 45.060 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 80.839 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

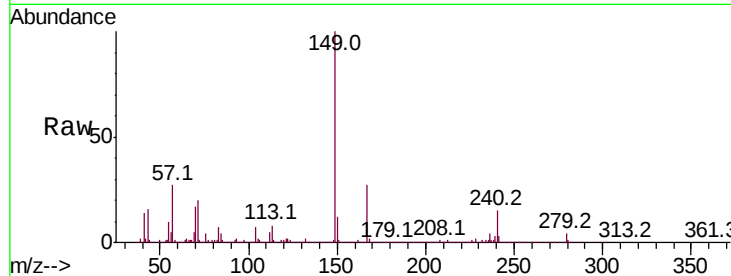
Tot Ion:149 Resp: 1620614

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.2	3.0	4.4

149 100

167 27.4 21.3 31.9

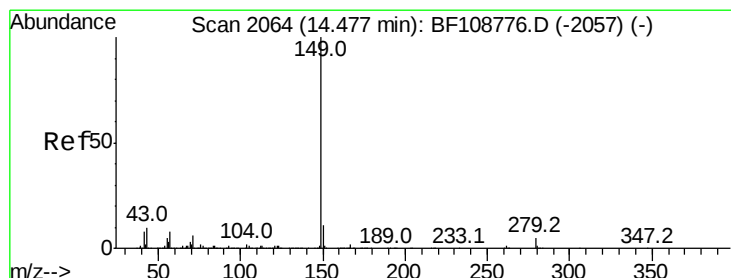
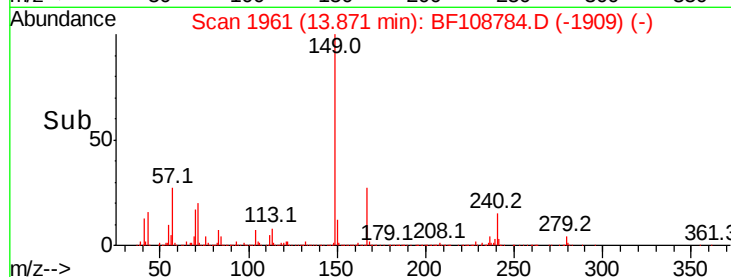
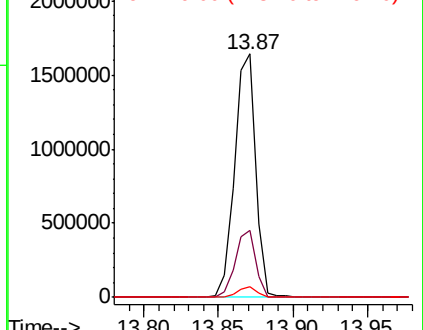
279 4.2 3.0 4.4



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: 47.281 ng

RT: 14.47 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

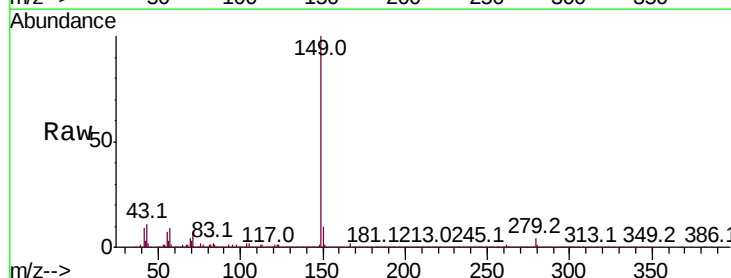
Tgt Ion:149 Resp: 1580258

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.4	12.6

149 100

167 1.5 1.2 1.8

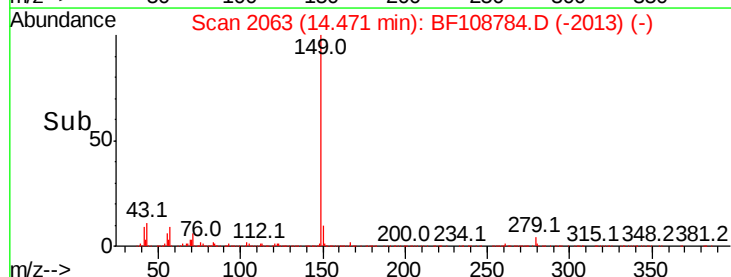
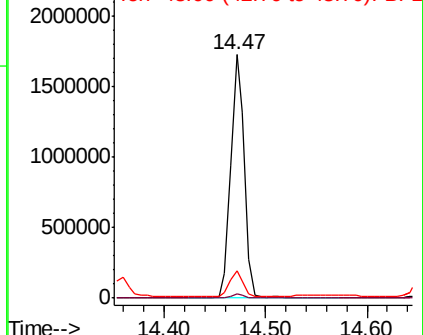
43 10.3 8.4 12.6

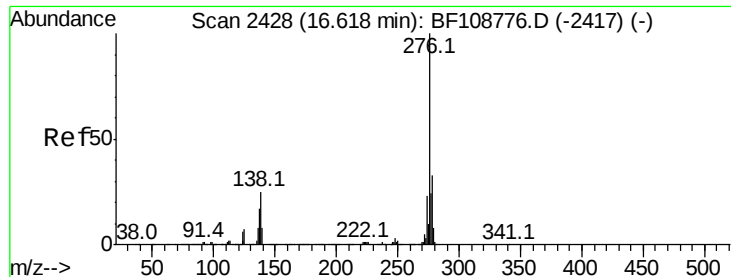


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



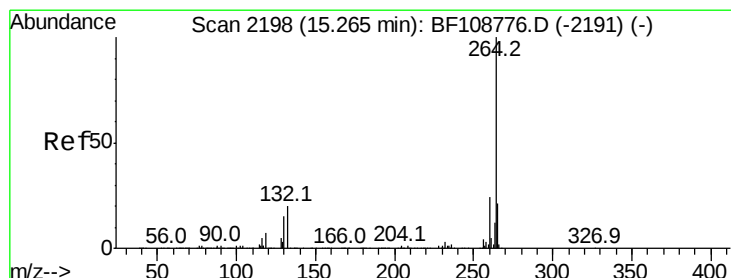
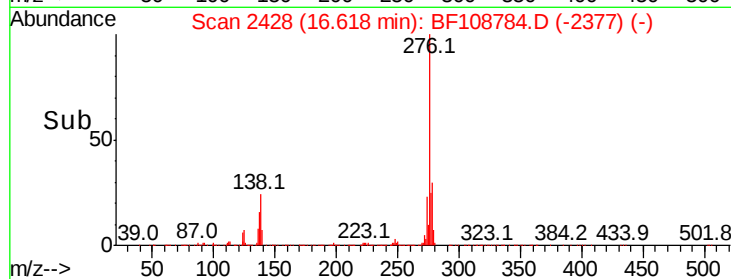
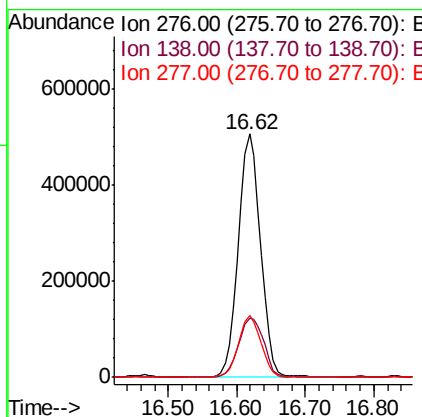
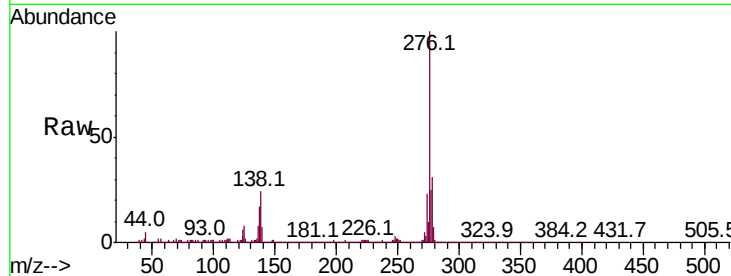


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.767 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1131734

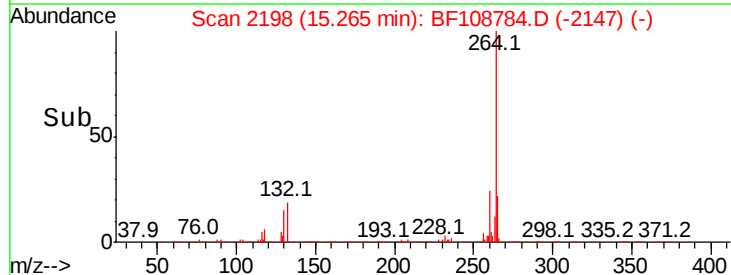
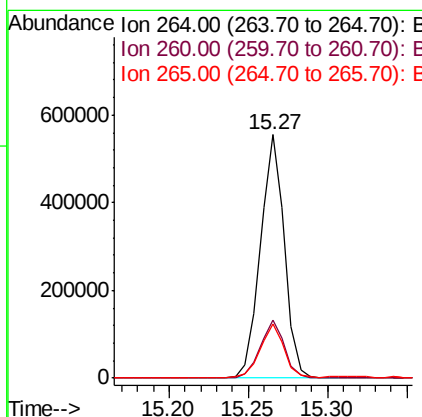
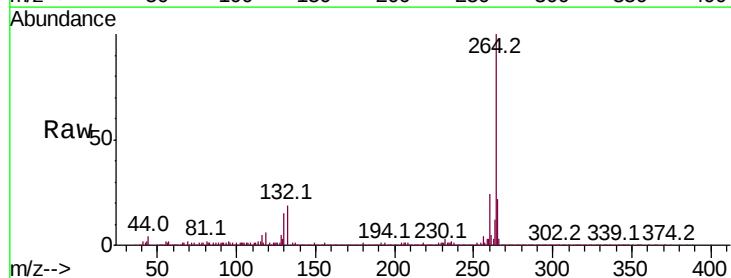
Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.3	20.1	30.1

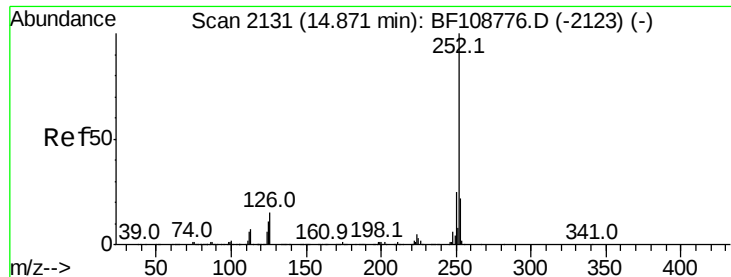


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Tgt Ion:264 Resp: 584766

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.234 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

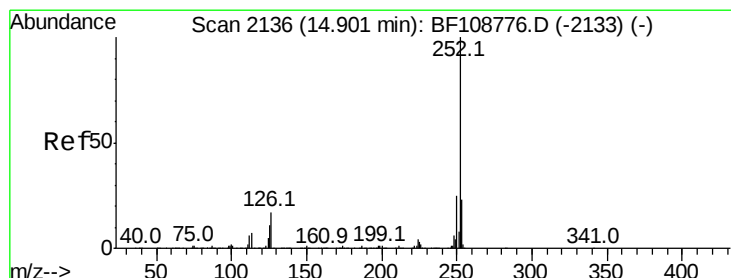
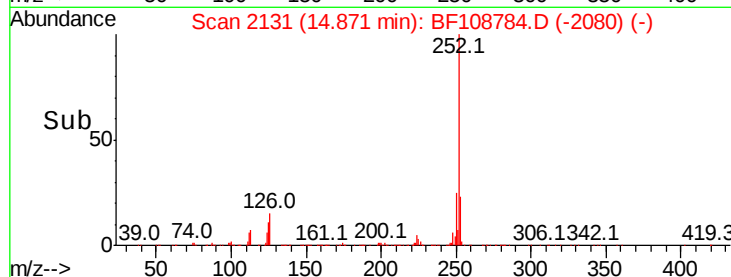
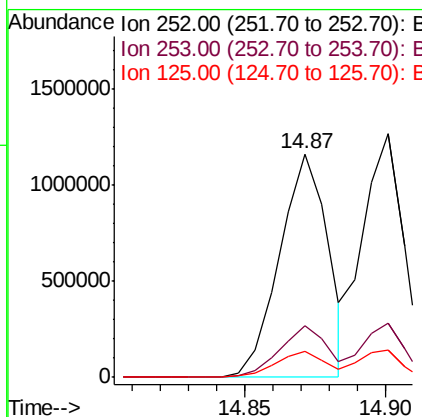
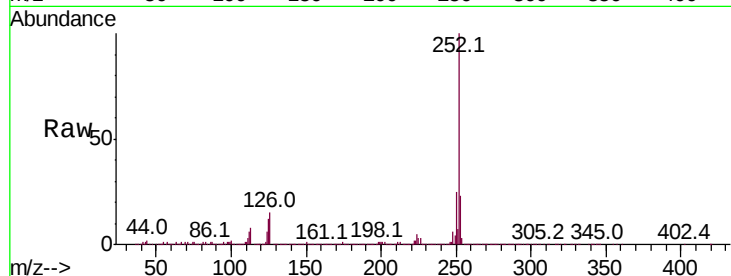
Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1374716

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 42.929 ng

RT: 14.90 min Scan# 2136

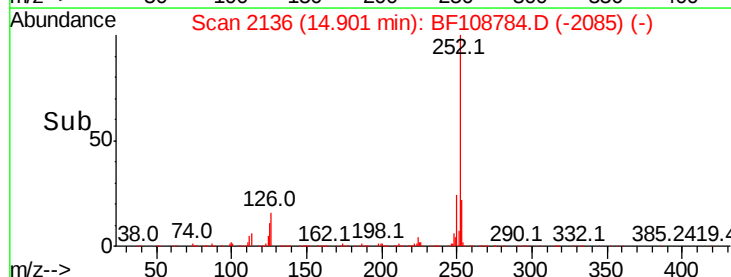
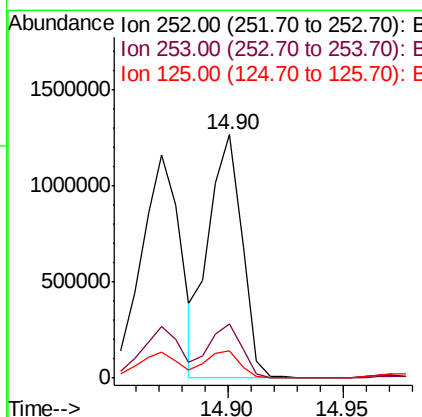
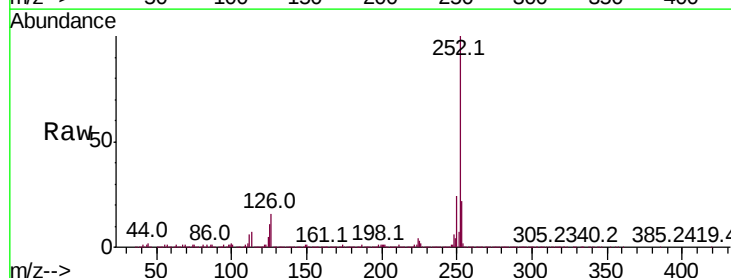
Delta R.T. -0.00 min

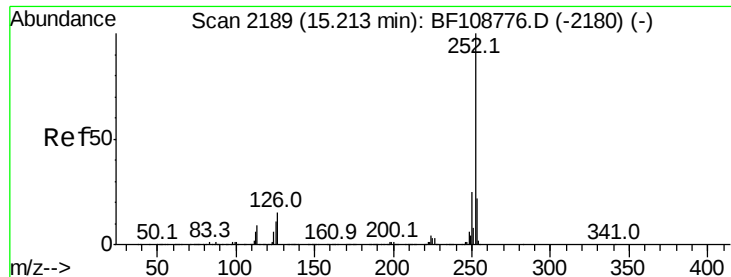
Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Tgt Ion:252 Resp: 1257049

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.581 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

Instrument :

BNA_F

ClientSampleId :

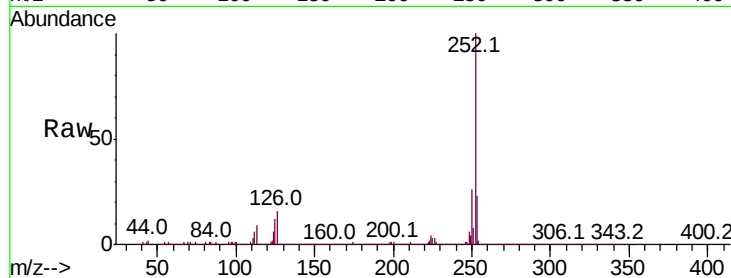
Tot Ion:252 Resp: 1250365

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

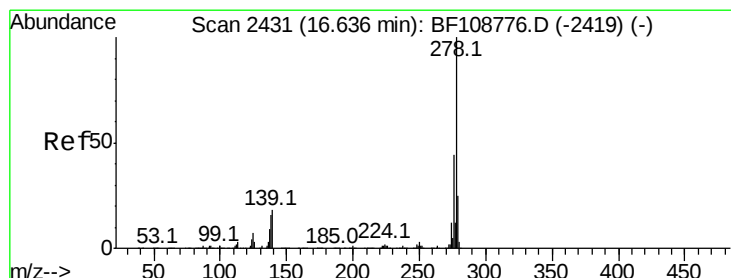
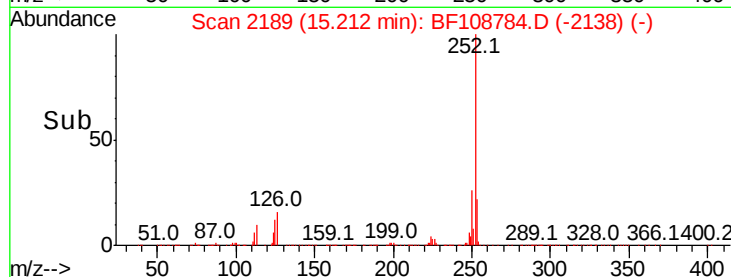
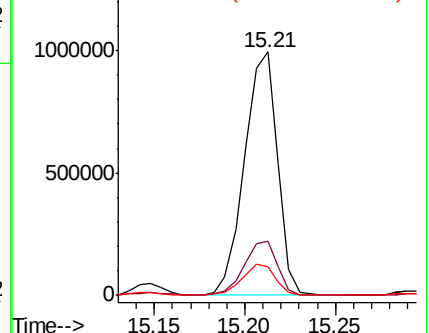
125 11.9 9.8 14.6



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: 37.153 ng

RT: 16.64 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BF108784.D

Acq: 5 Sep 2018 19:50

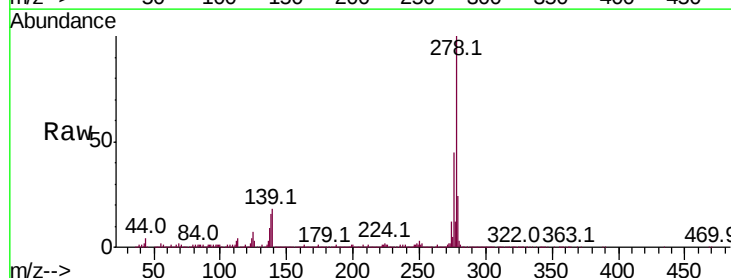
Tgt Ion:278 Resp: 939259

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

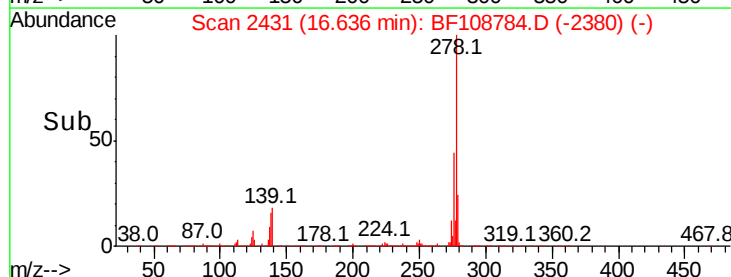
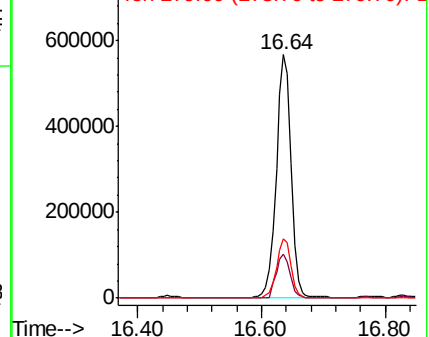
279 24.5 19.0 28.4

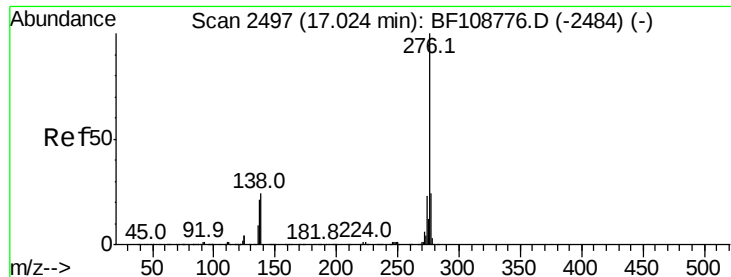


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

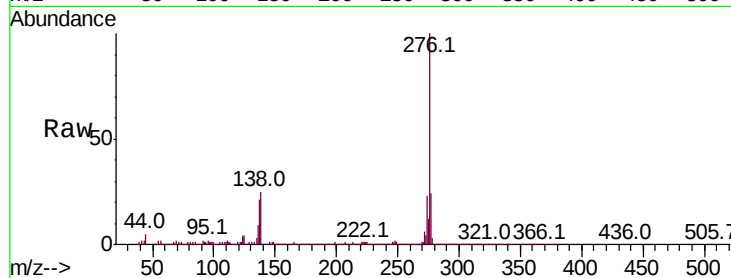




#91
 Benzo(a,h,i)perylene
 Concen: 35.398 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BF108784.D
 Acq: 5 Sep 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.6	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

