

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108782.D
 Acq On : 5 Sep 2018 18:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:23:37 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	251917	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1000627	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	459931	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	858524	20.00	ng	0.00
75) Chrysene-d12	13.86	240	511696	20.00	ng	0.00
86) Perylene-d12	15.26	264	494840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1219056	80.17	ng	0.00
7) Phenol-d6	6.37	99	1519875	77.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	1340923	83.86	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	363531	82.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2244552	83.26	ng	0.00
78) Terphenyl-d14	12.82	244	1756858	80.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	298016	40.780	ng	93
3) Pyridine	3.11	79	826809	41.312	ng	91
4) n-Nitrosodimethylamine	3.04	42	309520	40.266	ng	92
6) Aniline	6.40	93	1021542	38.820	ng	98
8) 2-Chlorophenol	6.52	128	674728	40.087	ng	95
9) Benzaldehyde	6.28	77	549832	39.613	ng	98
10) Phenol	6.38	94	891297	39.773	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	689545	38.411	ng	96
12) 1,3-Dichlorobenzene	6.67	146	751287	39.115	ng	97
13) 1,4-Dichlorobenzene	6.75	146	767587	39.962	ng	99
14) 1,2-Dichlorobenzene	6.91	146	704820	39.810	ng	98
15) Benzyl Alcohol	6.87	79	597810	39.814	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1031561	38.442	ng	96
17) 2-Methylphenol	6.98	107	553271	38.897	ng	98
18) Hexachloroethane	7.25	117	277045	40.002	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	501956	36.909	ng	97
20) 3+4-Methylphenols	7.14	107	637006	38.230	ng	# 57
22) Acetophenone	7.14	105	853189	37.570	ng	# 91
24) Nitrobenzene	7.31	77	712182	41.512	ng	99
25) Isophorone	7.55	82	1176843	36.899	ng	97
26) 2-Nitrophenol	7.63	139	295396	43.704	ng	98
27) 2,4-Dimethylphenol	7.67	122	534060	38.910	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	806238	37.810	ng	99
29) 2,4-Dichlorophenol	7.87	162	556935	39.352	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	599271	39.072	ng	97
31) Naphthalene	8.04	128	1766497	39.239	ng	98
32) Benzoic acid	7.78	122	355908	40.973	ng	95
33) 4-Chloroaniline	8.08	127	789124	38.167	ng	99
34) Hexachlorobutadiene	8.17	225	355725	38.823	ng	99
35) Caprolactam	8.45	113	179061	37.338	ng	93
36) 4-Chloro-3-methylphenol	8.56	107	570604	37.847	ng	99
37) 2-Methylnaphthalene	8.72	142	1132957	38.094	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	556047	40.444	ng	99
40) Hexachlorocyclopentadiene	8.89	237	292780	42.330	ng	97

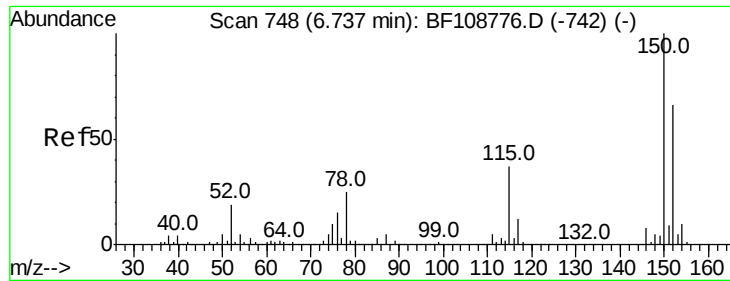
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108782.D
 Acq On : 5 Sep 2018 18:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:23:37 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)
42) 2,4,6-Trichlorophenol	9.00	196	388213	41.455	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	400752	41.285	ng	97
45) 1,1'-Biphenyl	9.19	154	1440371	40.679	ng	98
46) 2-Chloronaphthalene	9.21	162	1160073	40.510	ng	100
47) 2-Nitroaniline	9.30	65	342262	43.750	ng	94
48) Acenaphthylene	9.62	152	1726525	40.448	ng	98
49) Dimethylphthalate	9.50	163	1255324	39.023	ng	# 99
50) 2,6-Dinitrotoluene	9.55	165	277411	45.256	ng	96
51) Acenaphthene	9.80	154	1049858	39.746	ng	99
52) 3-Nitroaniline	9.71	138	331315	45.406	ng	100
53) 2,4-Dinitrophenol	9.81	184	75697	39.008	ng	# 18
54) Dibenzofuran	9.97	168	1537822	39.940	ng	99
55) 4-Nitrophenol	9.86	139	245166	44.944	ng	93
56) 2,4-Dinitrotoluene	9.94	165	341527	43.567	ng	92
57) Fluorene	10.31	166	1019806	41.273	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	321565	41.078	ng	90
59) Diethylphthalate	10.19	149	1274127	38.380	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	543865	41.213	ng	93
61) 4-Nitroaniline	10.32	138	288426	43.633	ng	97
62) Azobenzene	10.47	77	1333882	38.926	ng	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	127222	39.159	ng	99
65) n-Nitrosodiphenylamine	10.42	169	1108964	38.851	ng	96
66) 4-Bromophenyl-phenylether	10.79	248	382521	39.449	ng	91
67) Hexachlorobenzene	10.86	284	397482	38.400	ng	# 87
68) Atrazine	10.95	200	342451	37.476	ng	97
69) Pentachlorophenol	11.04	266	271039	42.829	ng	98
70) Phenanthrene	11.27	178	1598593	38.992	ng	99
71) Anthracene	11.31	178	1620269	41.277	ng	98
72) Carbazole	11.47	167	1583233	38.298	ng	98
73) Di-n-butylphthalate	11.81	149	1824523	39.744	ng	99
74) Fluoranthene	12.44	202	1592261	39.226	ng	98
76) Benzidine	12.57	184	957895	39.497	ng	98
77) Pyrene	12.67	202	1644067	41.755	ng	99
79) Butylbenzylphthalate	13.30	149	659017	37.167	ng	95
80) Benzo(a)anthracene	13.85	228	1259124	38.390	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	466645	36.519	ng	# 95
82) Chrysene	13.89	228	1207332	38.025	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	803562	36.062	ng	99
84) Di-n-octyl phthalate	14.47	149	1244009	33.486	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	1165798	41.489	ng	96
87) Benzo(b)fluoranthene	14.87	252	1015941	37.757	ng	98
88) Benzo(k)fluoranthene	14.90	252	1014958	40.961	ng	98
89) Benzo(a)pyrene	15.20	252	953325	39.266	ng	97
90) Dibenzo(a,h)anthracene	16.63	278	964243	45.072	ng	97
91) Benzo(g,h,i)perylene	17.02	276	1003408	46.844	ng	96

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

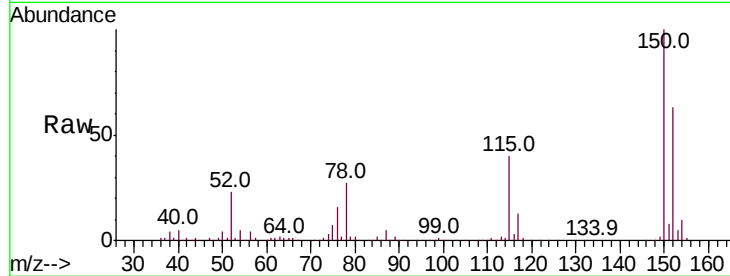


#1

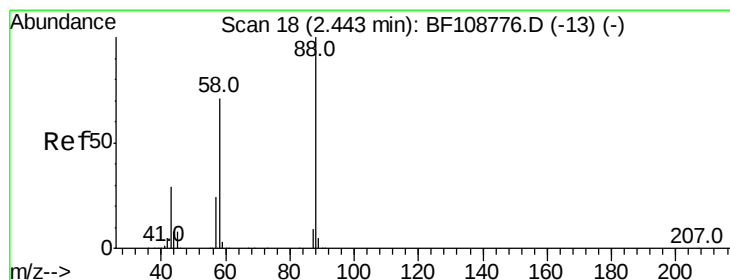
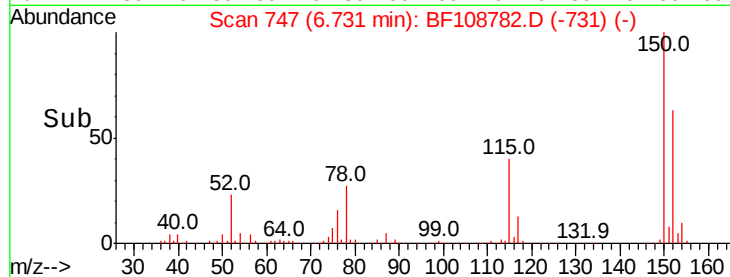
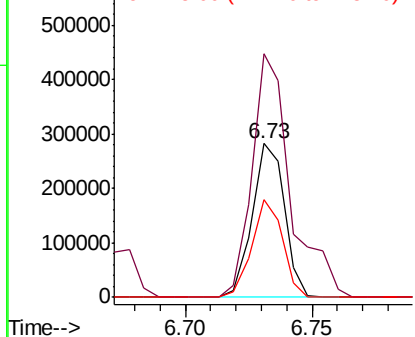
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 251917
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 63.6 50.1 75.1



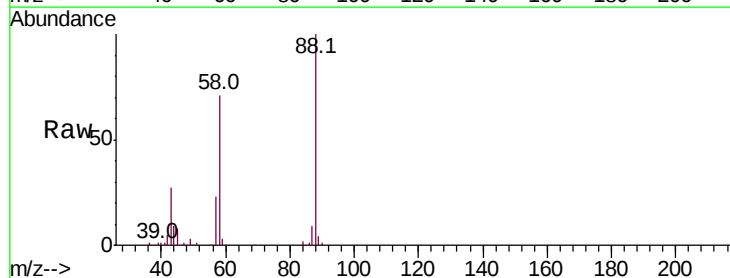
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



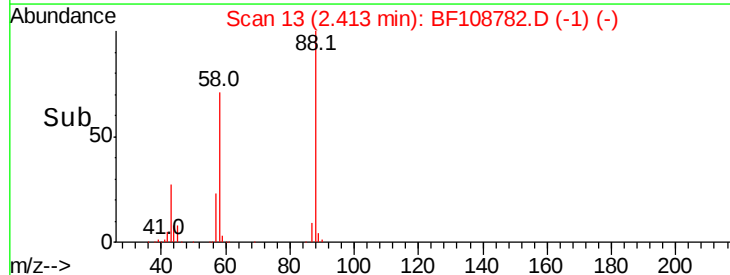
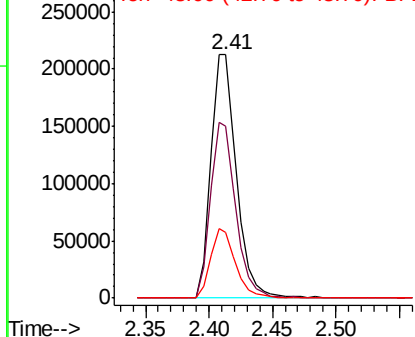
#2

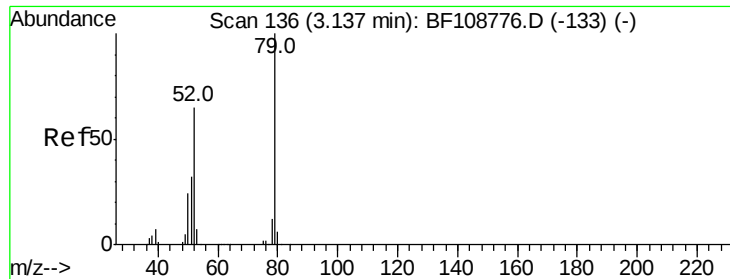
1,4-Dioxane
Concen: 40.780 ng
RT: 2.41 min Scan# 13
Delta R.T. -0.03 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 88 Resp: 298016
Ion Ratio Lower Upper
88 100
58 72.0 62.6 93.8
43 27.5 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.312 ng

RT: 3.11 min Scan# 131

Delta R.T. -0.03 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

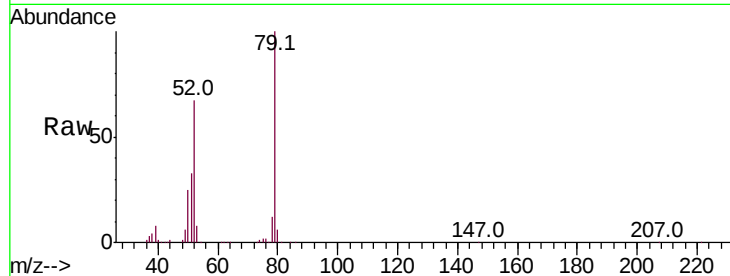
Tot Ion: 79 Resp: 826809

Ion Ratio Lower Upper

79 100

52 66.9 59.8 89.6

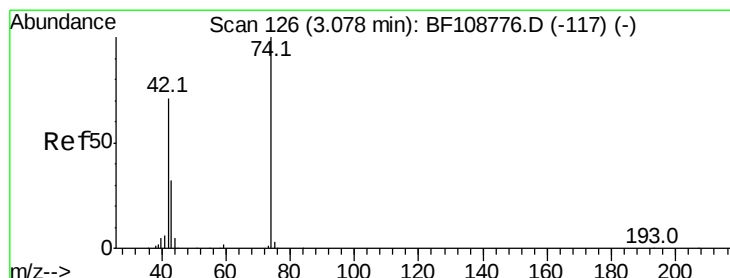
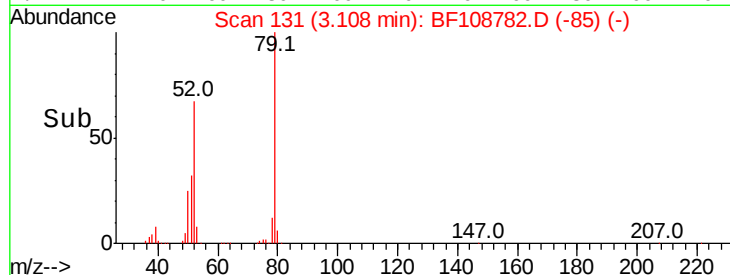
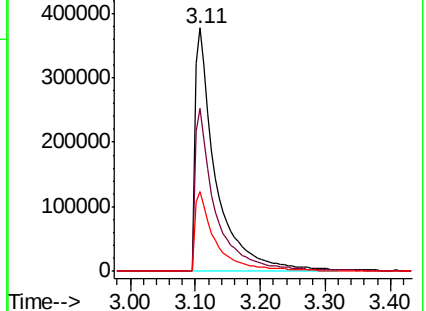
51 32.6 29.8 44.8



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: 40.266 ng

RT: 3.04 min Scan# 120

Delta R.T. -0.04 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

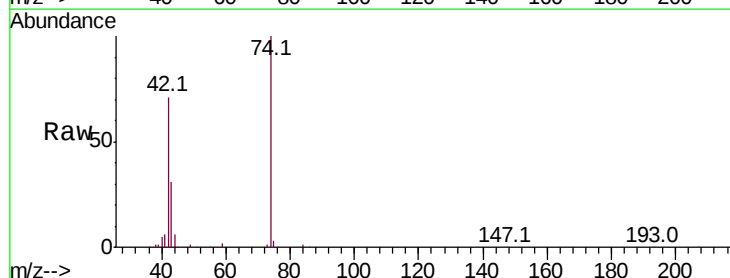
Tgt Ion: 42 Resp: 309520

Ion Ratio Lower Upper

42 100

74 141.0 104.9 157.3

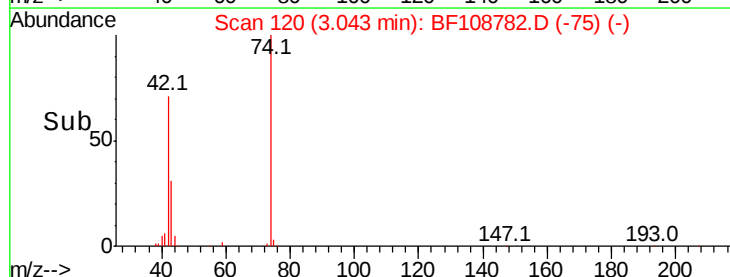
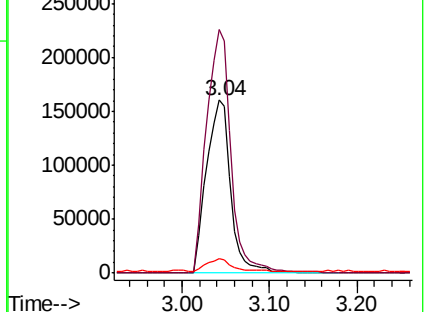
44 8.2 6.9 10.3

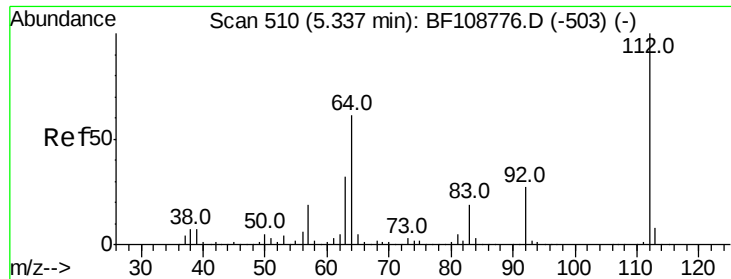


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.168 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

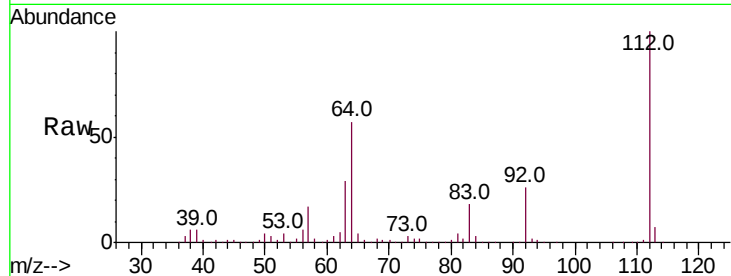
Tot Ion:112 Resp: 1219056

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

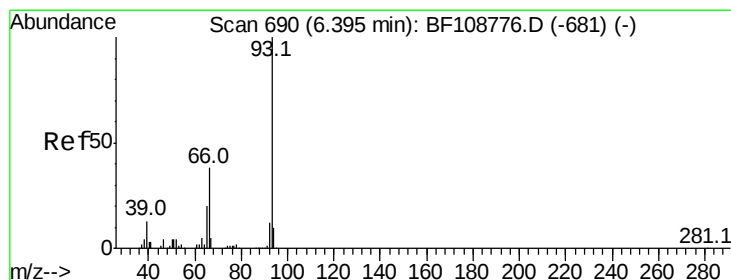
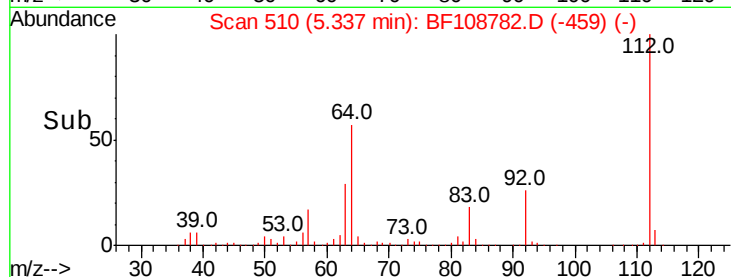
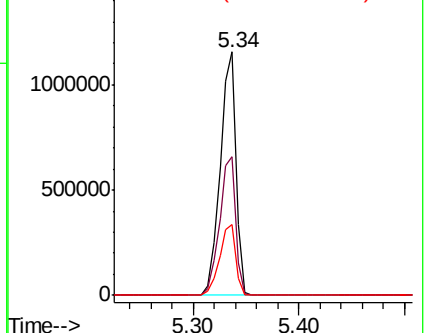
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.820 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

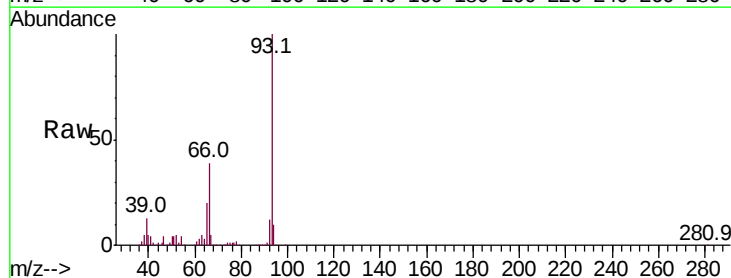
Tgt Ion: 93 Resp: 1021542

Ion Ratio Lower Upper

93 100

66 38.6 32.2 48.2

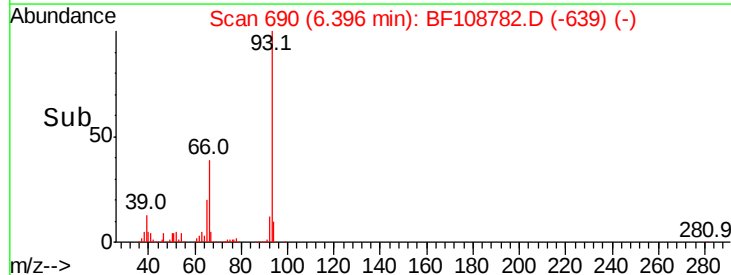
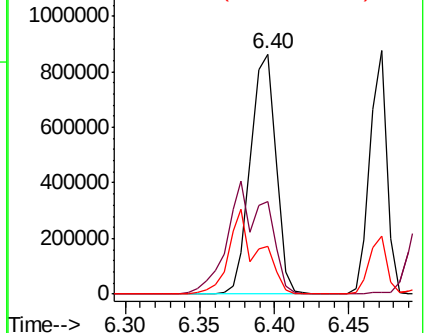
65 19.7 16.4 24.6

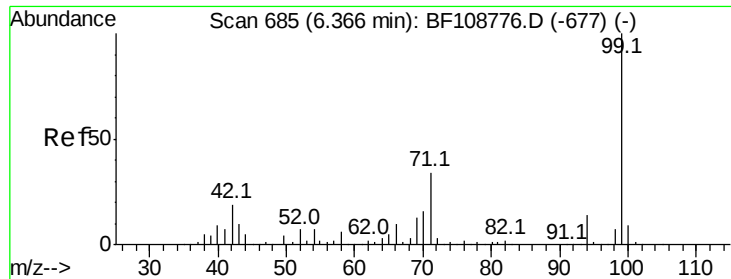


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.683 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

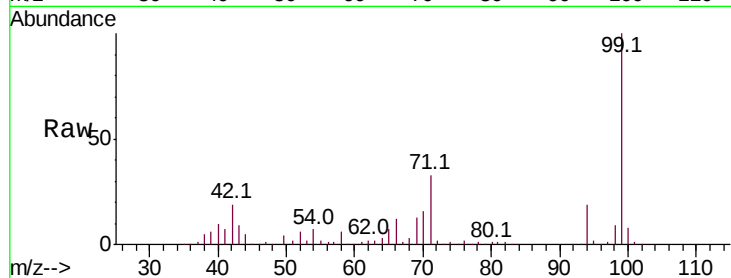
Tot Ion: 99 Resp: 1519875

Ion Ratio Lower Upper

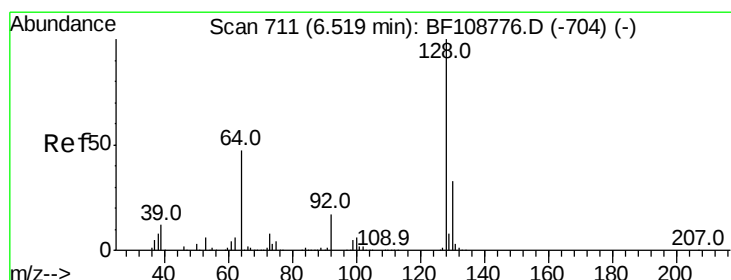
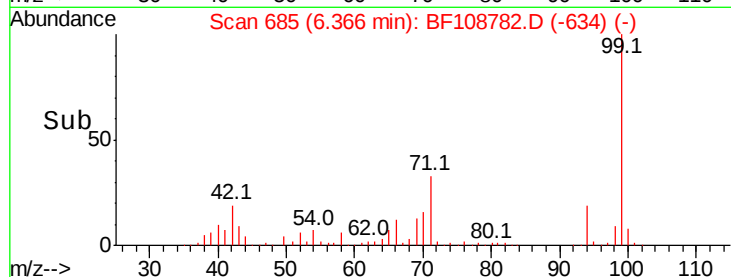
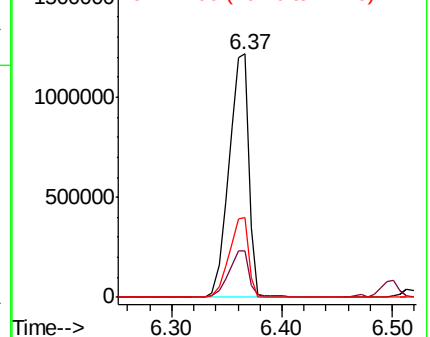
99 100

42 18.9 14.5 21.7

71 32.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.087 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

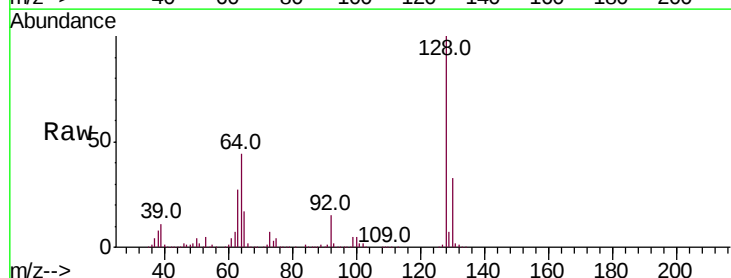
Tgt Ion: 128 Resp: 674728

Ion Ratio Lower Upper

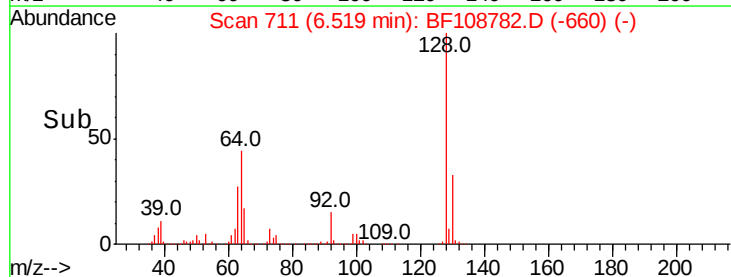
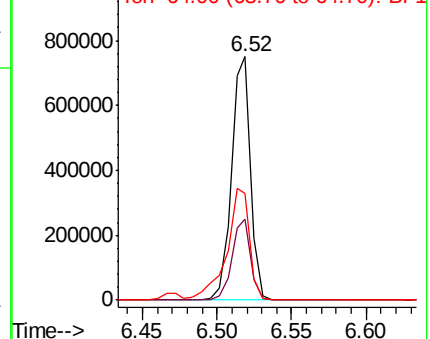
128 100

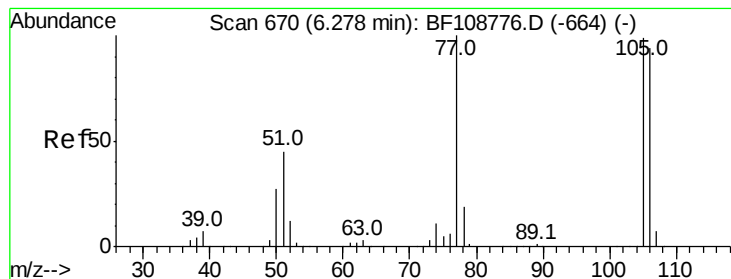
130 33.0 13.0 53.0

64 44.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 39.613 ng

RT: 6.28 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

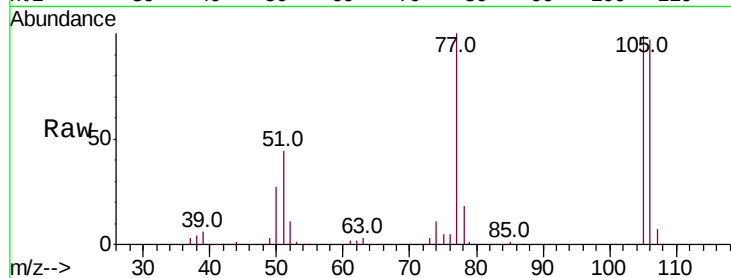
Tot Ion: 77 Resp: 549832

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

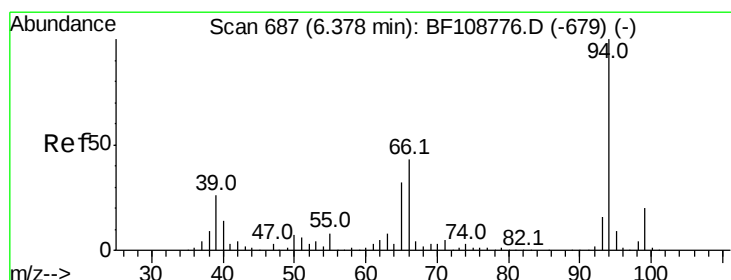
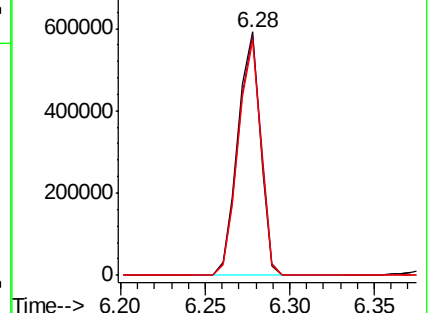
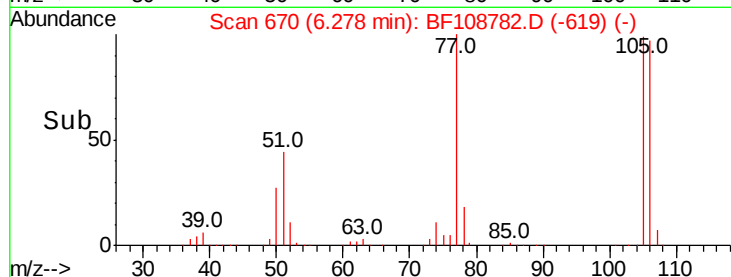
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.773 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

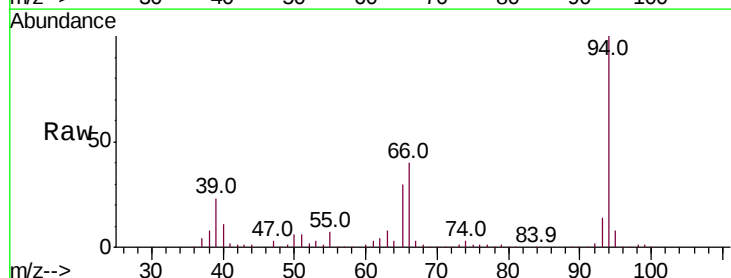
Tgt Ion: 94 Resp: 891297

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

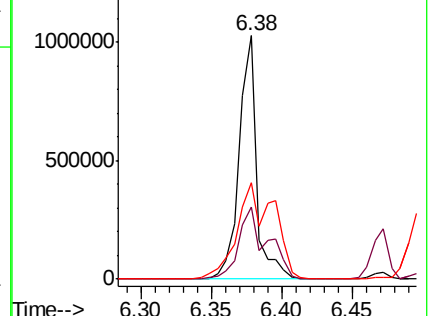
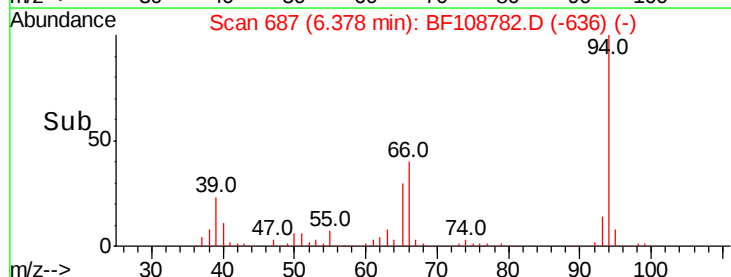
66 39.7 16.2 56.2

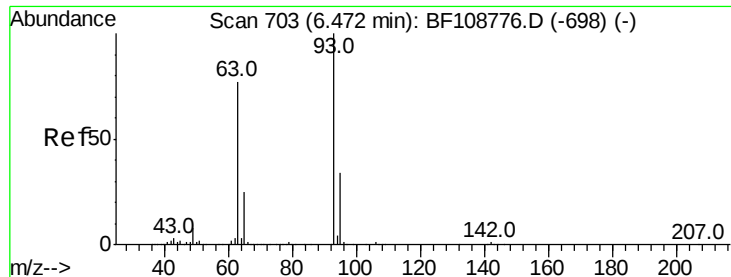


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

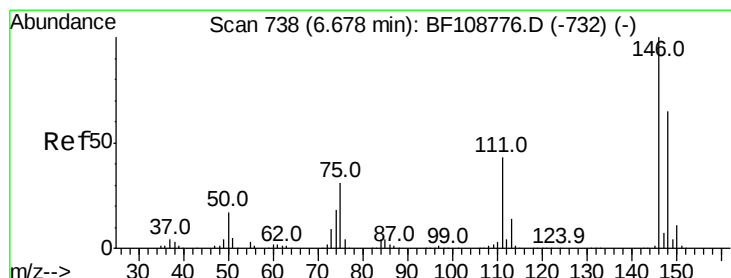
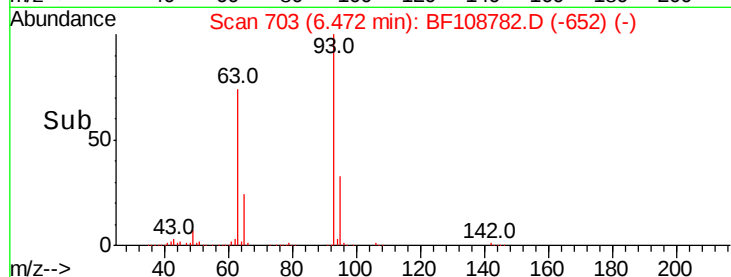
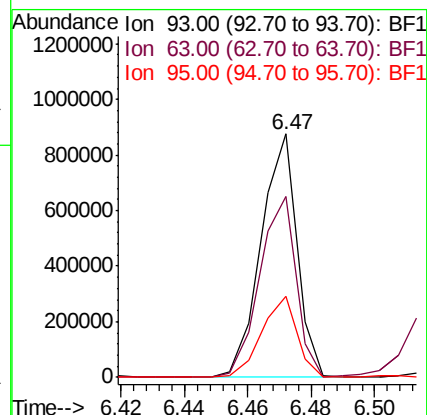
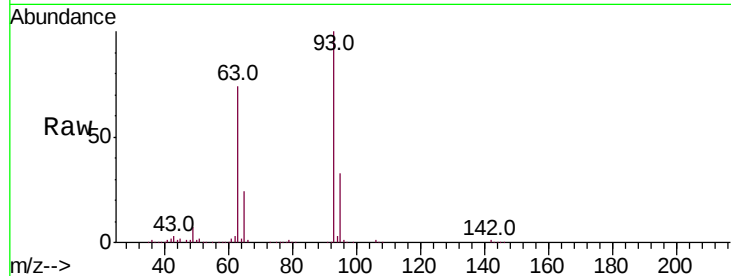




#11
bis(2-Chloroethyl)ether
Concen: 38.411 ng
RT: 6.47 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

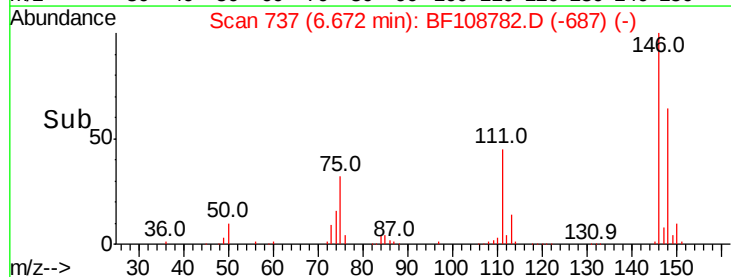
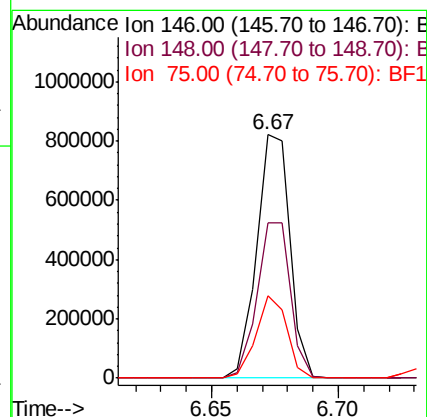
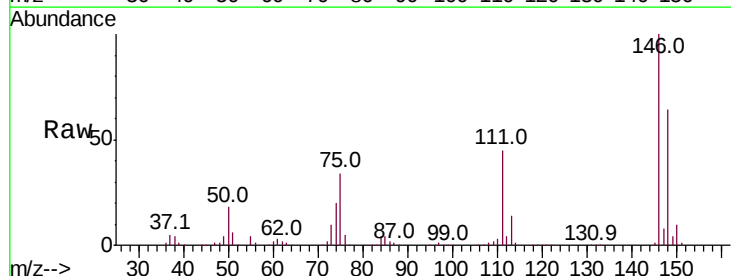
Instrument :
BNA_F
ClientSampleId :

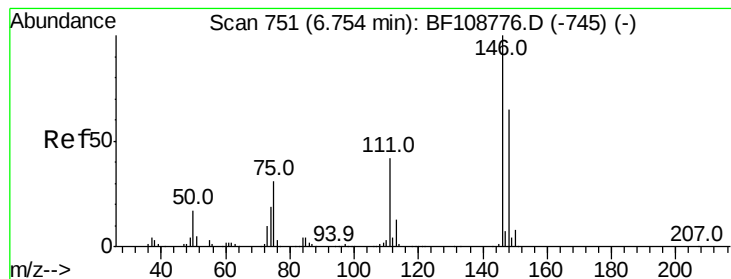
Tot Ion: 93 Resp: 689545
Ion Ratio Lower Upper
93 100
63 74.5 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.115 ng
RT: 6.67 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 146 Resp: 751287
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 33.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.962 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

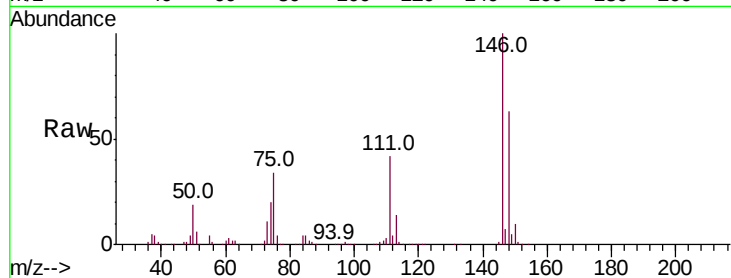
Tot Ion:146 Resp: 767587

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

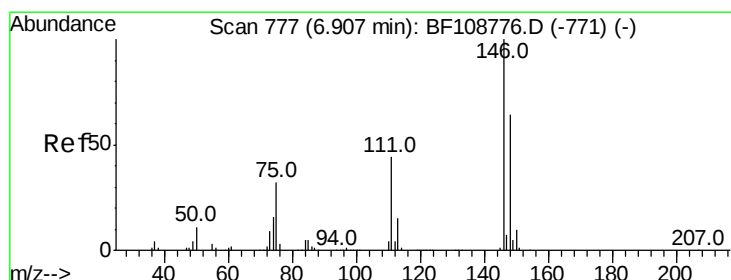
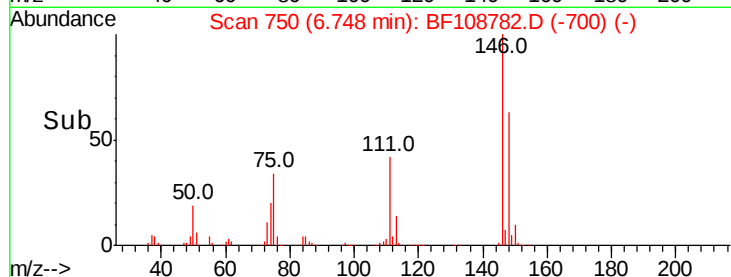
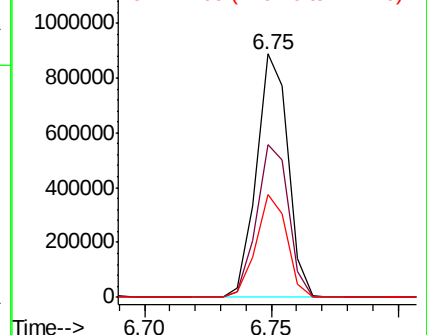
111 42.0 34.2 51.2



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: 39.810 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

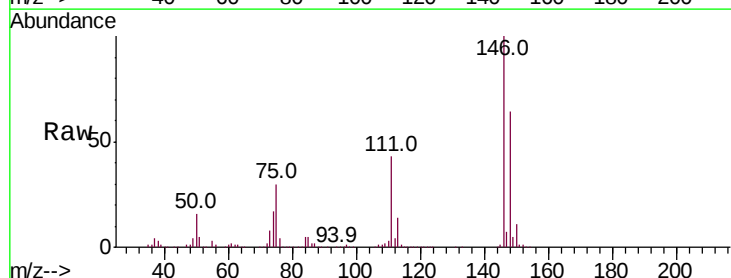
Tgt Ion:146 Resp: 704820

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

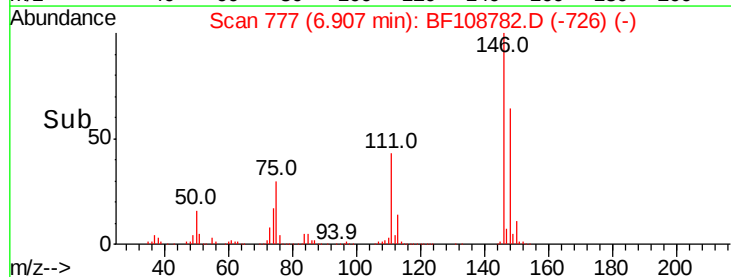
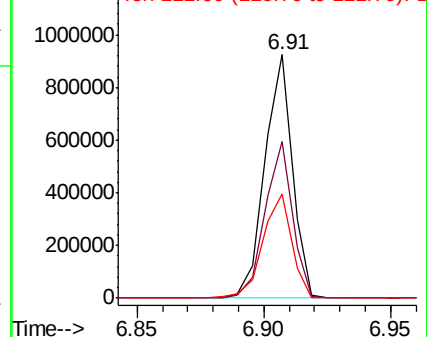
111 42.8 36.0 54.0

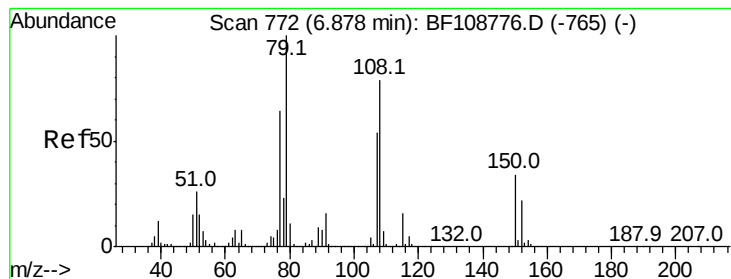


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.814 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampleId :

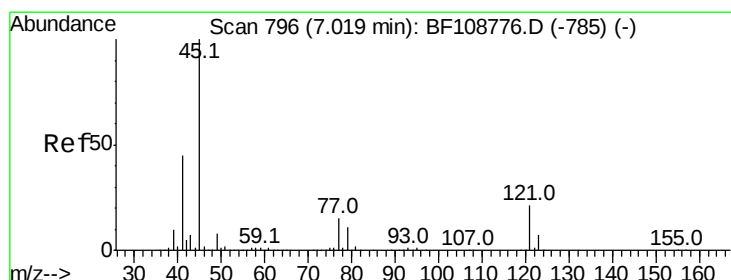
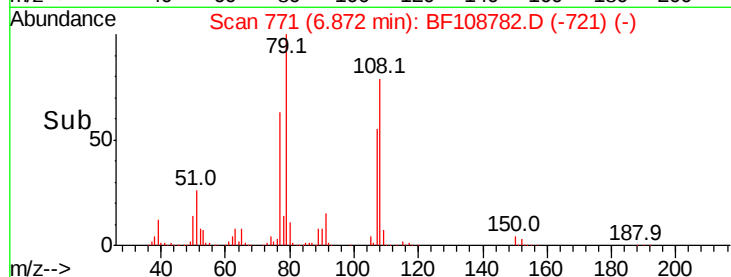
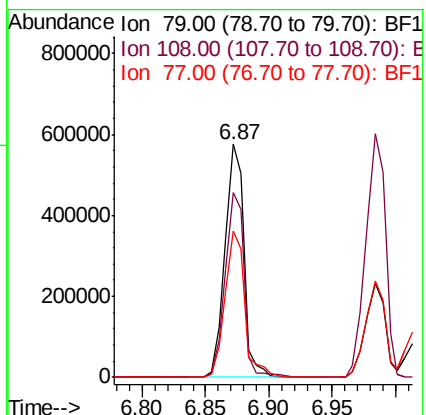
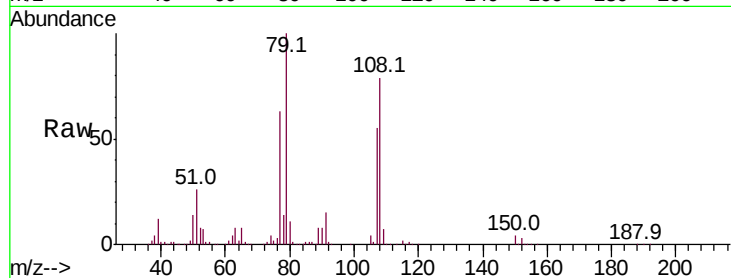
Tot Ion: 79 Resp: 597810

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.442 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

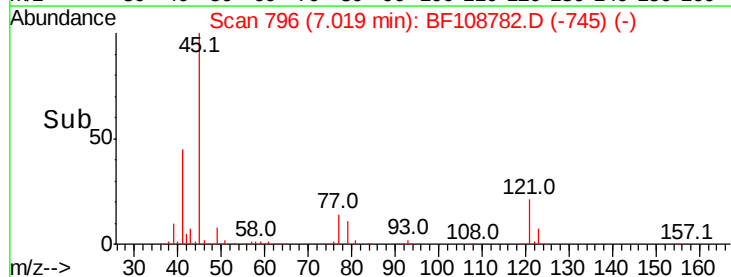
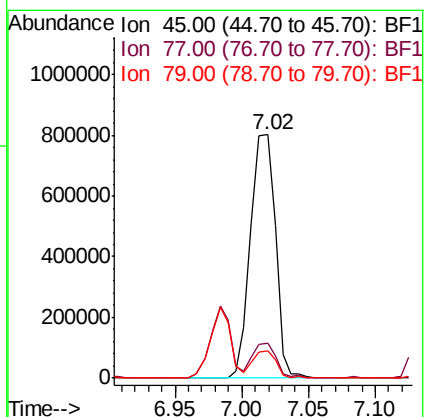
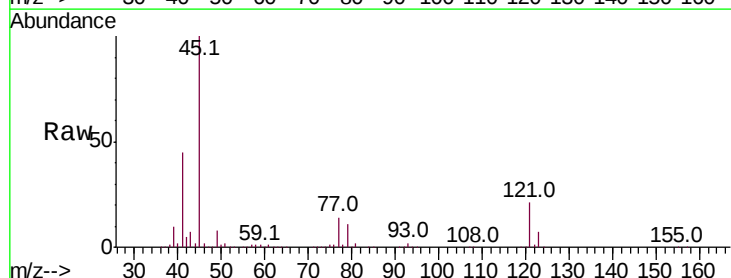
Tgt Ion: 45 Resp: 1031561

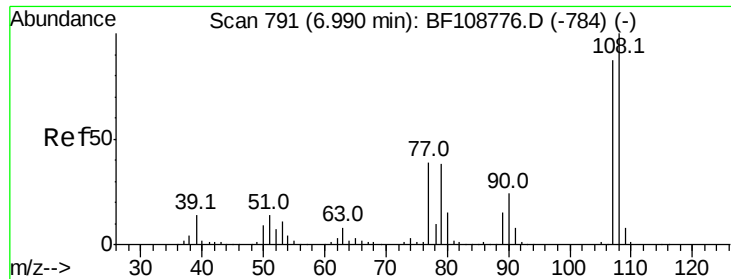
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 11.4 0.0 29.6

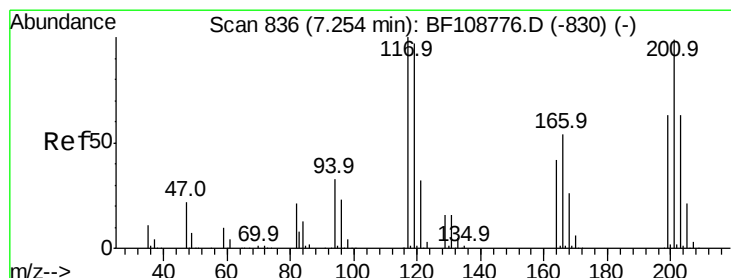
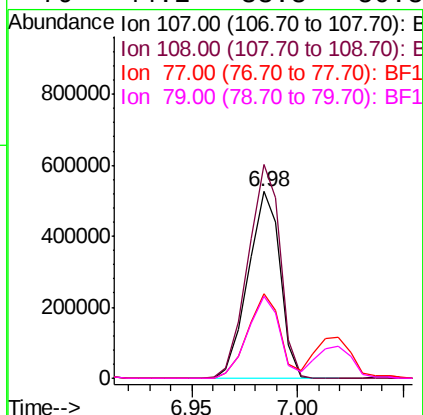
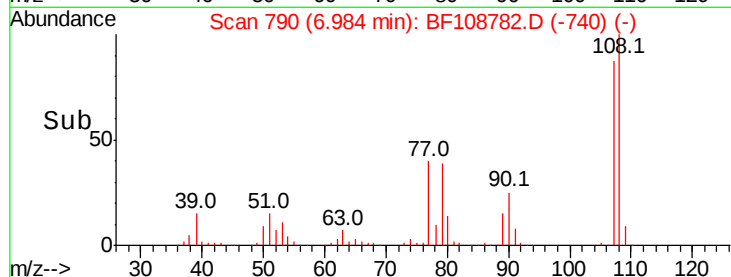
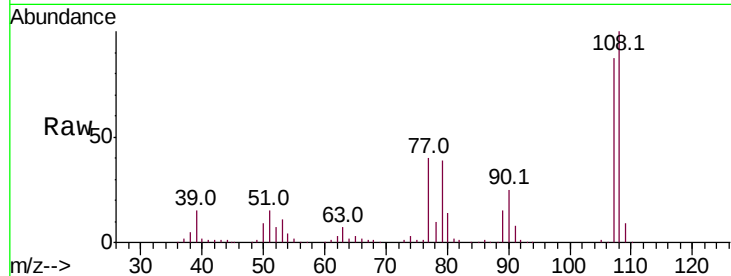




#17
2-Methylphenol
Concen: 38.897 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

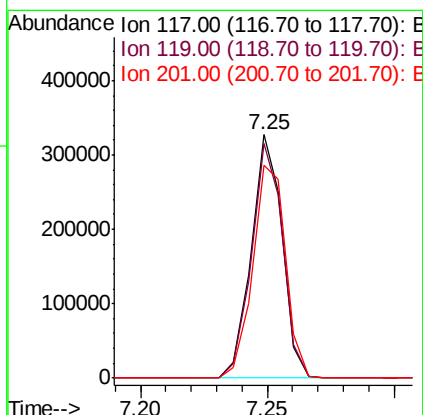
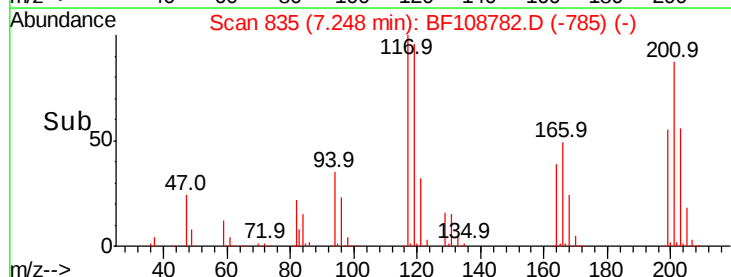
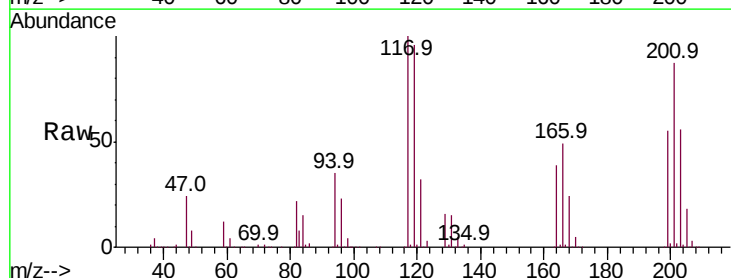
Instrument :
BNA_F
ClientSampled :

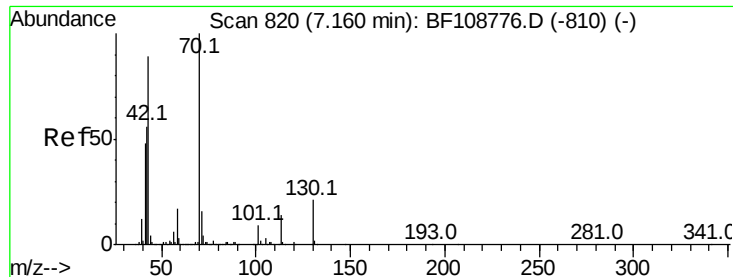
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	45.5	33.8	50.8
79	44.2	33.8	50.8



#18
Hexachloroethane
Concen: 40.002 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	87.3	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.909 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 501956

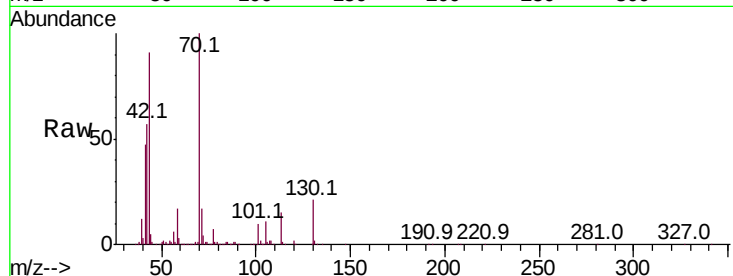
Ion Ratio Lower Upper

70 100

42 56.8 47.5 71.3

101 9.6 7.4 11.2

130 21.2 16.6 25.0



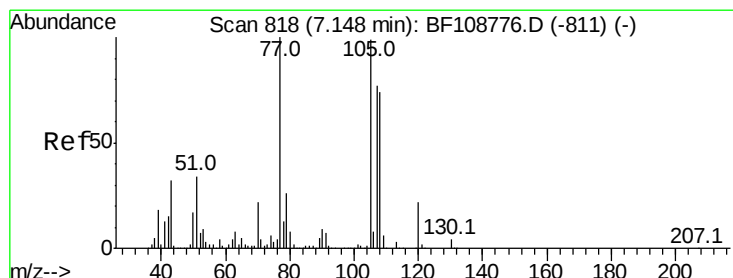
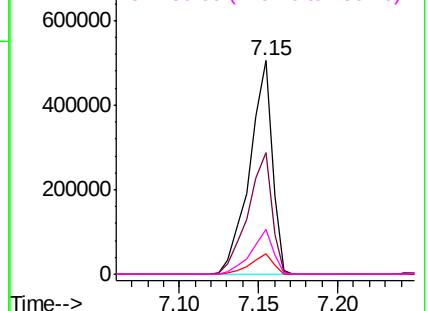
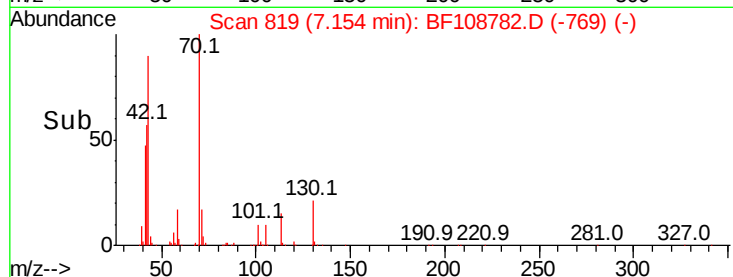
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.230 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Tgt Ion:107 Resp: 637006

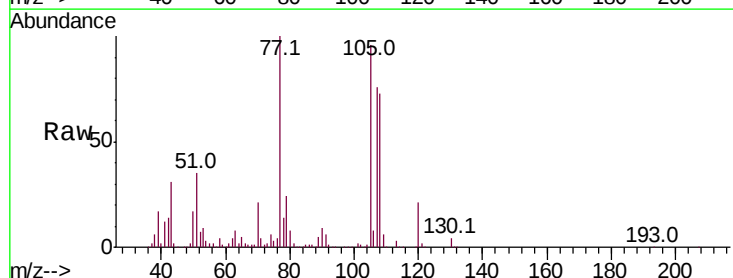
Ion Ratio Lower Upper

107 100

108 95.7 68.2 108.2

77 131.2 26.7 66.7#

79 32.0 6.3 46.3



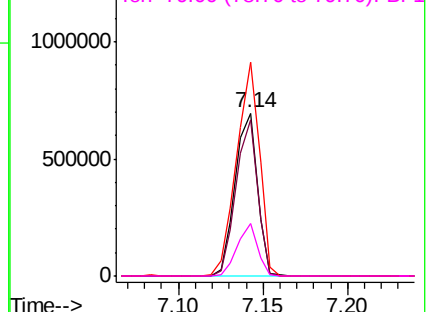
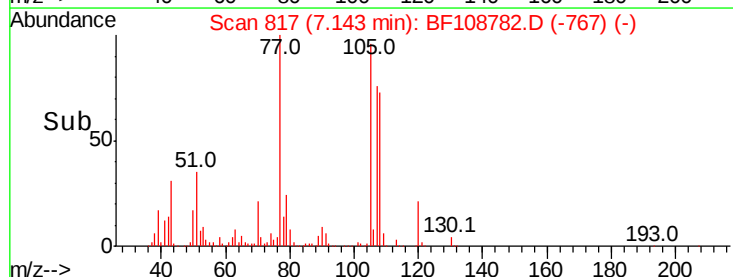
Abundance

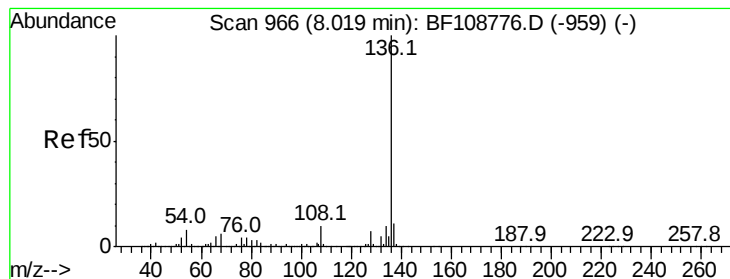
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1000627

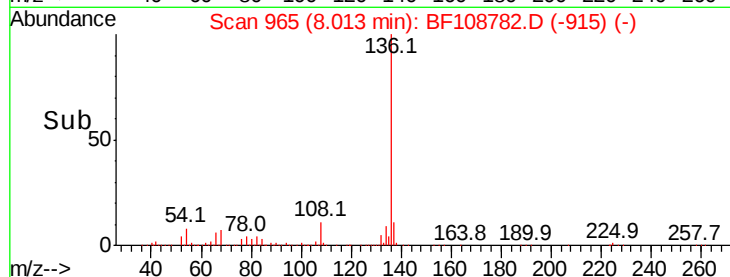
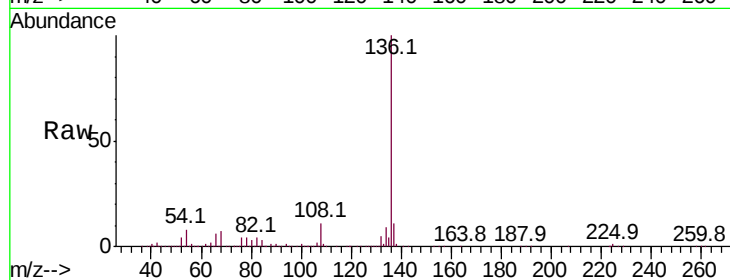
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 7.2 5.0 7.4



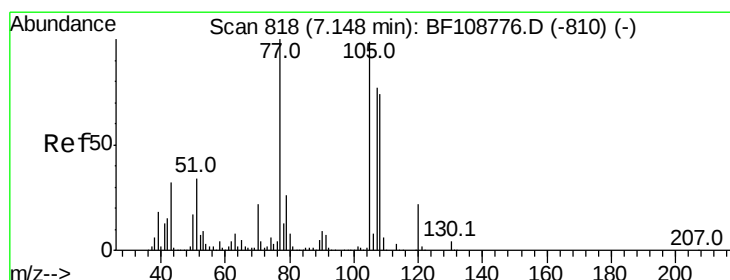
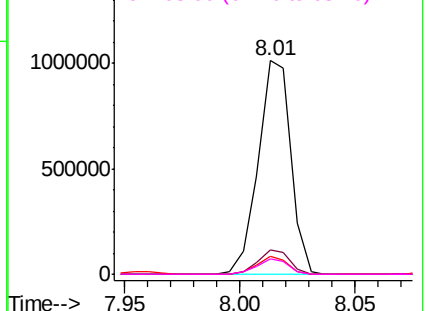
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.570 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Tgt Ion:105 Resp: 853189

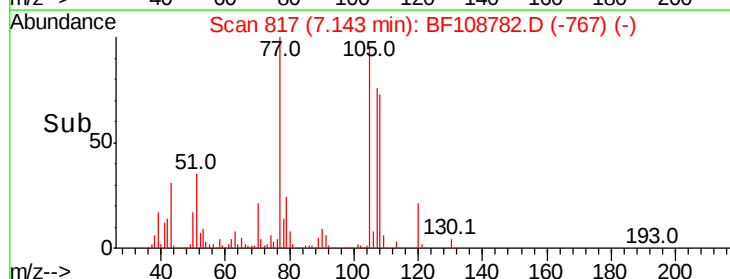
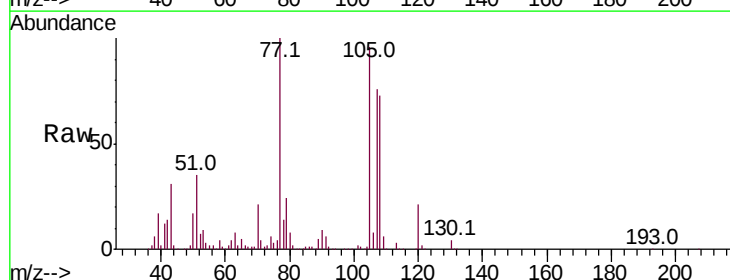
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 36.4 22.3 33.5#

120 21.7 16.9 25.3



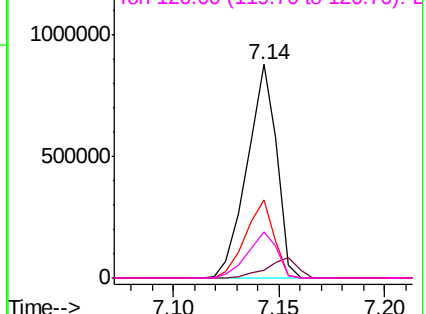
Abundance

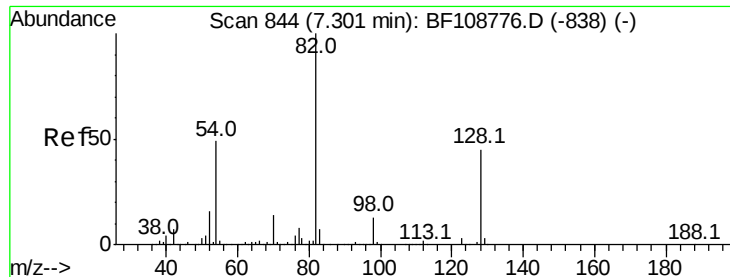
Ion 105.00 (104.70 to 105.70): E

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

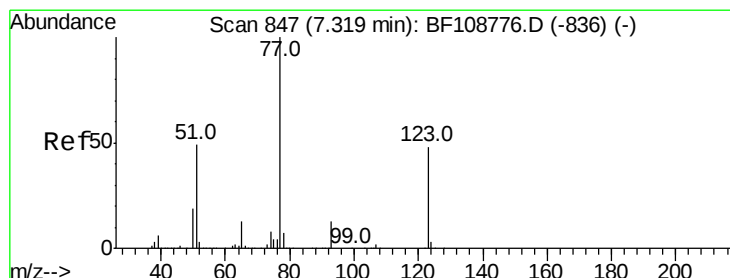
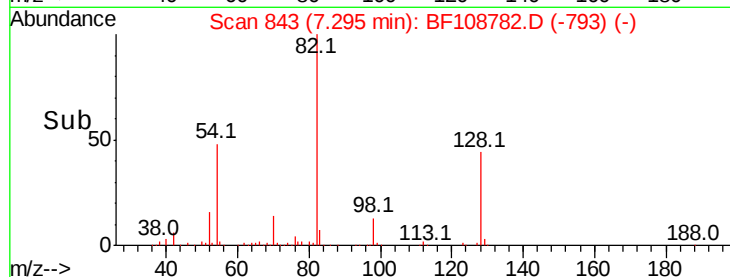
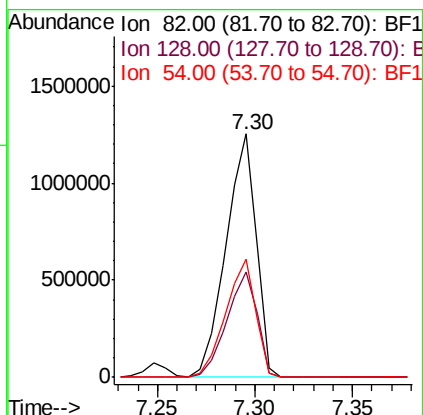
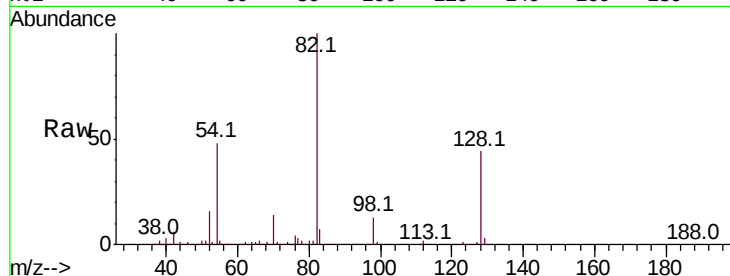




#23
 Nitrobenzene-d5
 Concen: 83.864 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

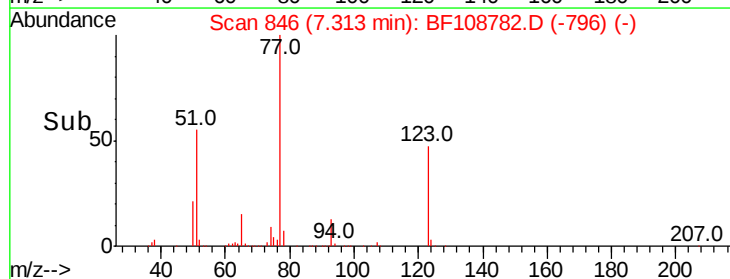
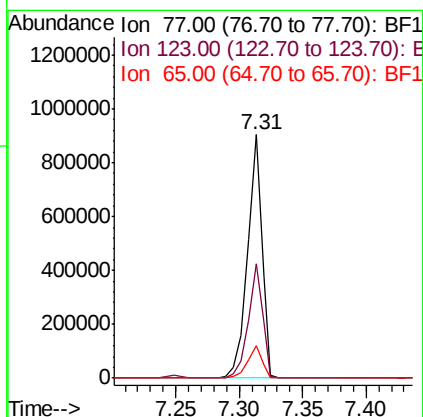
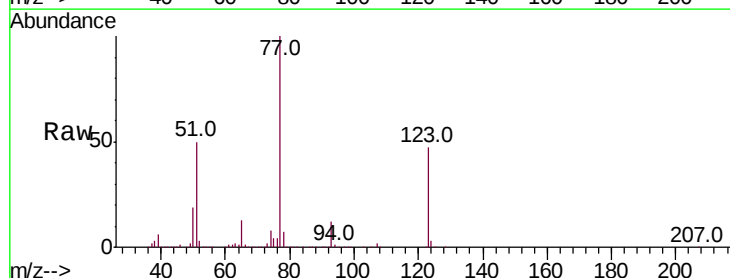
Instrument :
 BNA_F
 ClientSampleId :

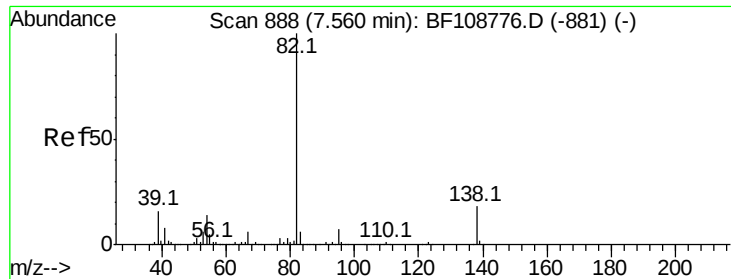
Tot Ion: 82 Resp: 1340923
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 48.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.512 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion: 77 Resp: 712182
 Ion Ratio Lower Upper
 77 100
 123 46.8 37.9 56.9
 65 13.4 11.0 16.4

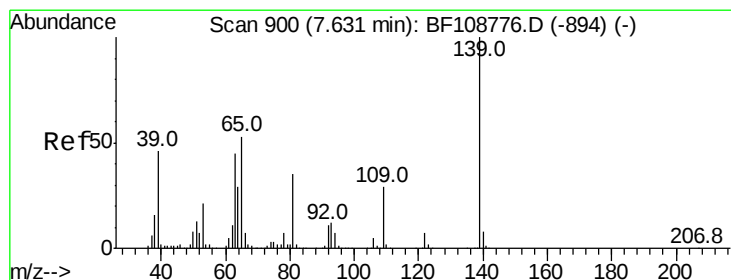
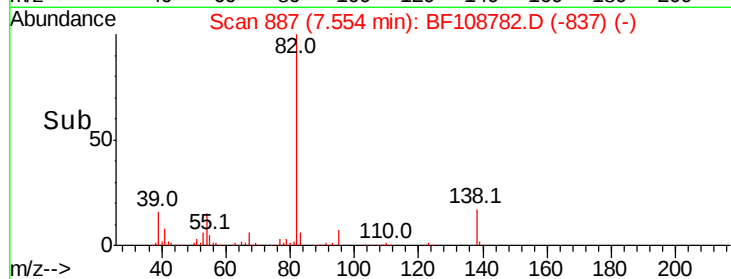
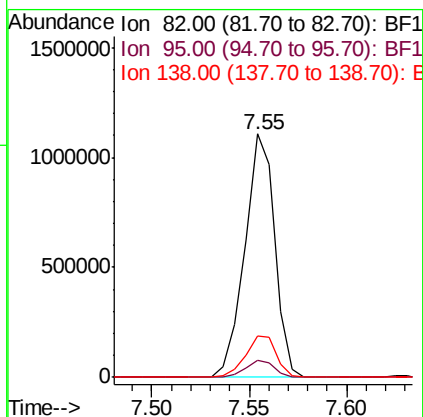
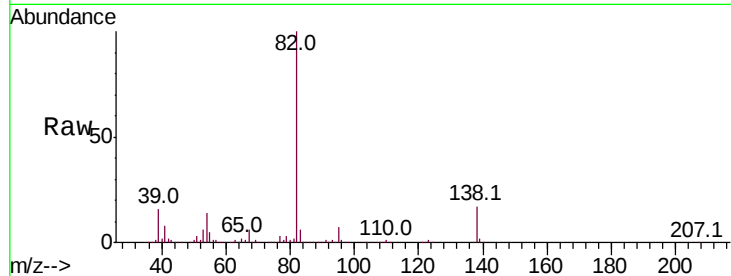




#25
Isophorone
Concen: 36.899 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

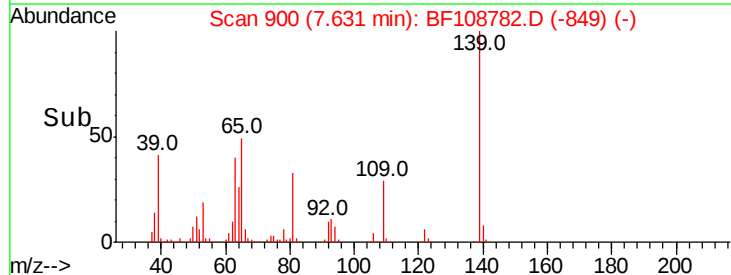
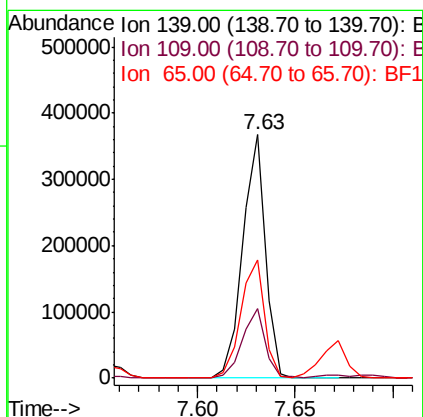
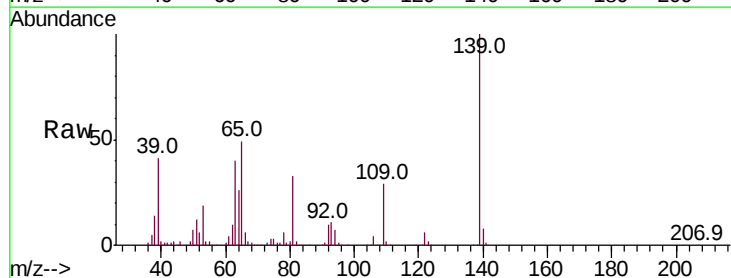
Instrument :
BNA_F
ClientSampled :

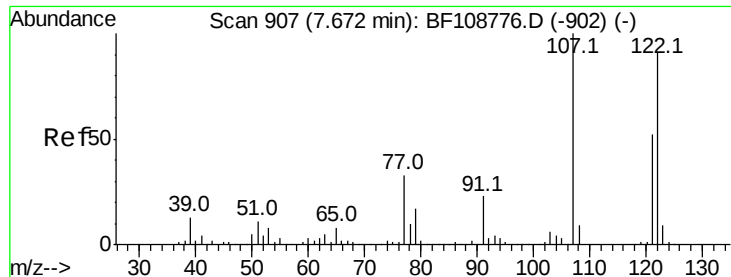
Tot Ion: 82 Resp: 1176843
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 43.704 ng
RT: 7.63 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 139 Resp: 295396
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 48.6 40.5 60.7

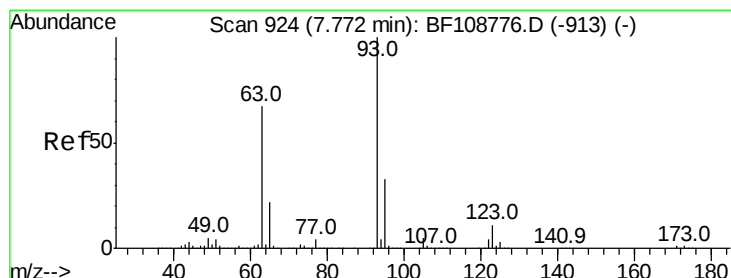
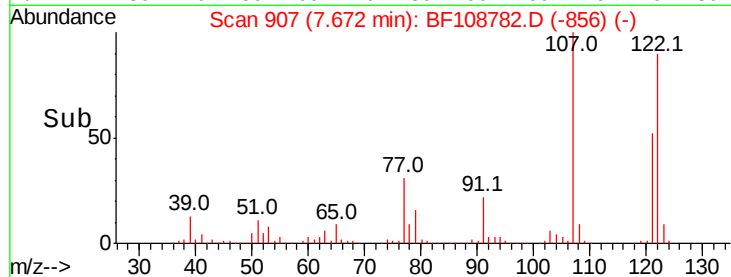
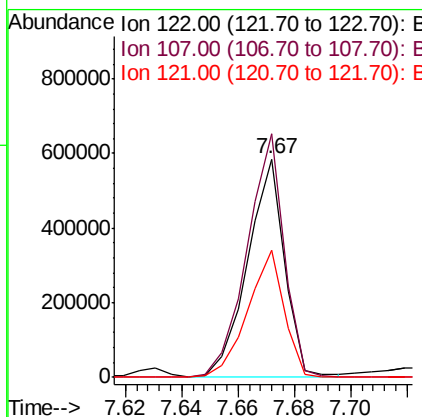
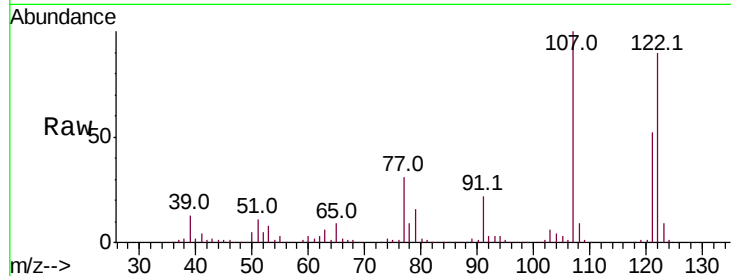




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 7.67 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

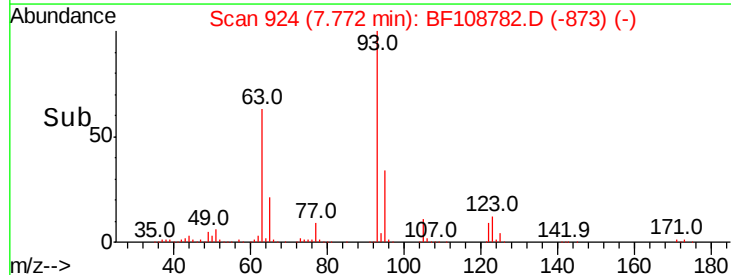
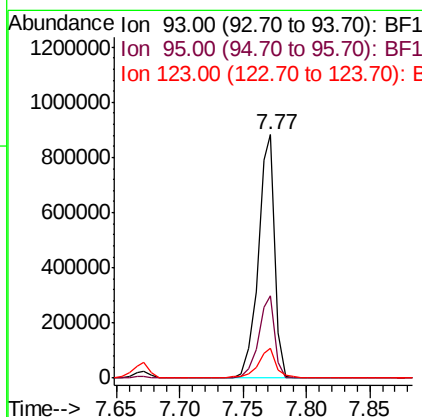
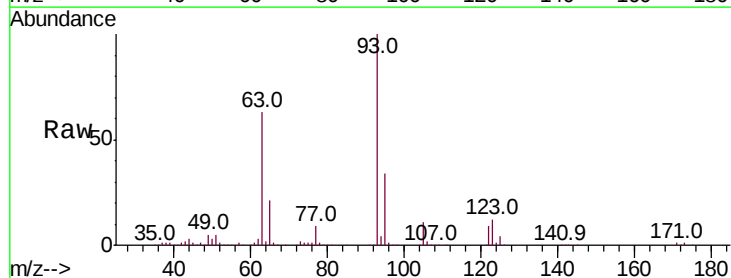
Instrument :
BNA_F
ClientSampled :

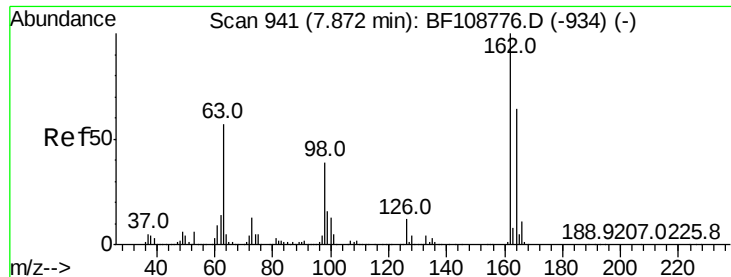
Tot Ion:122 Resp: 534060
Ion Ratio Lower Upper
122 100
107 111.6 91.2 136.8
121 58.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.810 ng
RT: 7.77 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 93 Resp: 806238
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 12.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.352 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

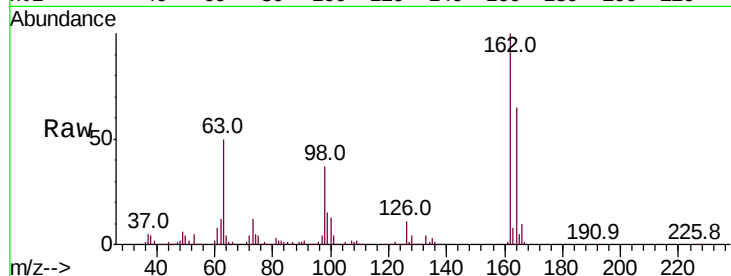
Tot Ion:162 Resp: 556935

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

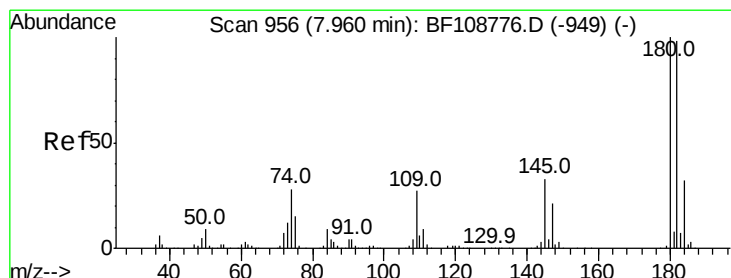
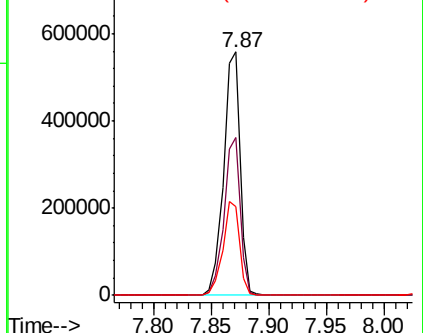
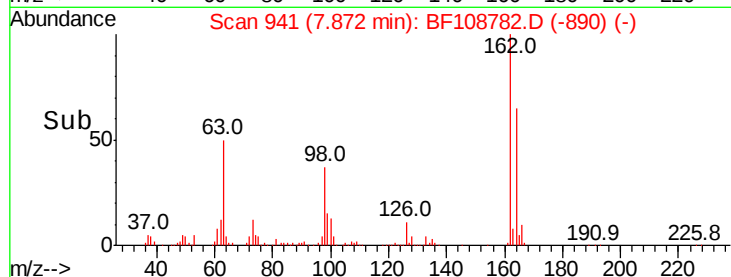
98 36.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.072 ng

RT: 7.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

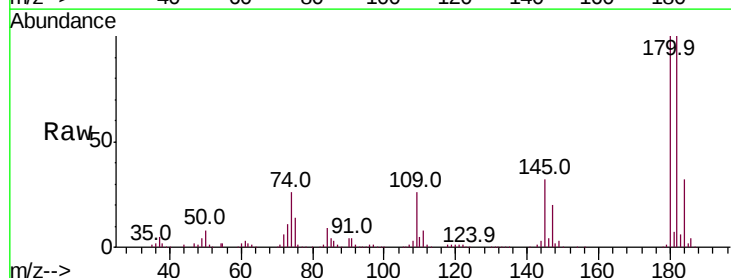
Tgt Ion:180 Resp: 599271

Ion Ratio Lower Upper

180 100

182 99.5 76.8 115.2

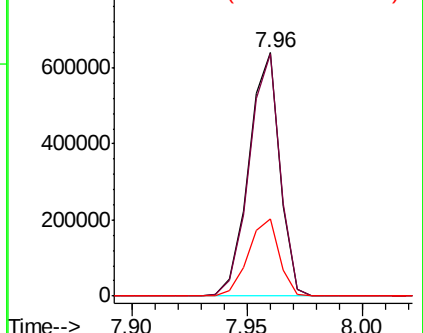
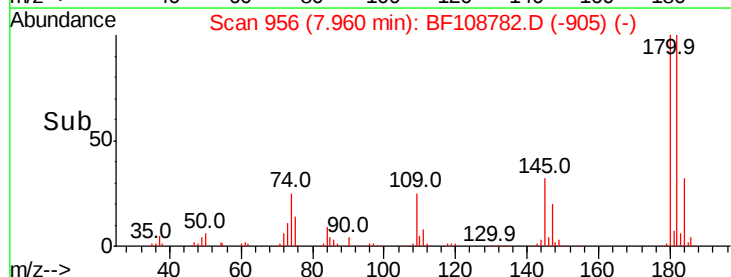
145 31.8 26.5 39.7

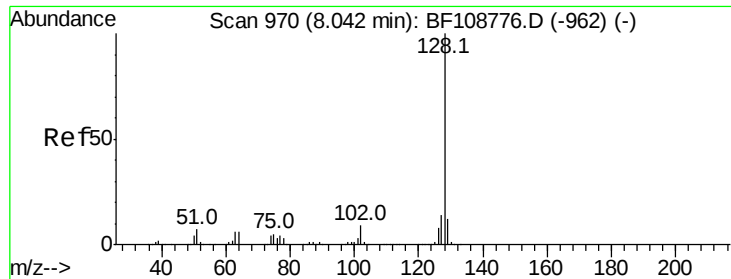


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

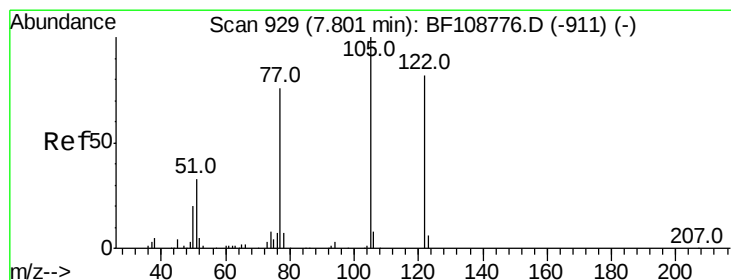
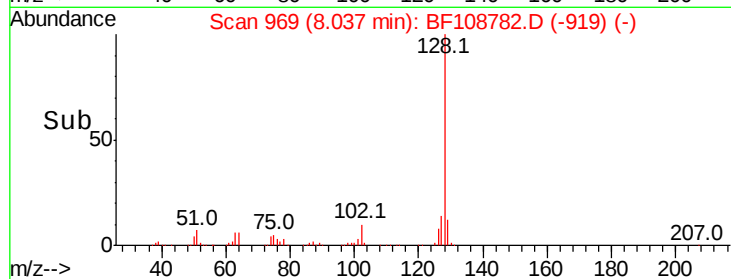
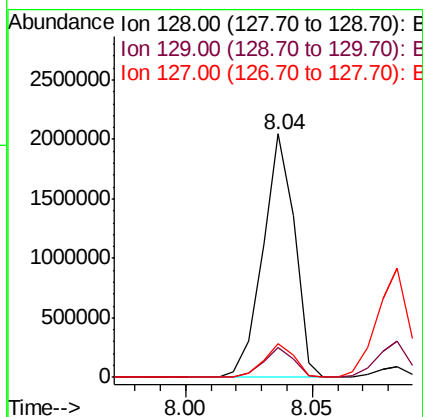
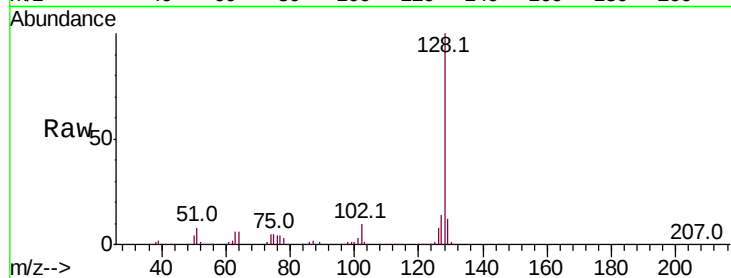




#31
Naphthalene
Concen: 39.239 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

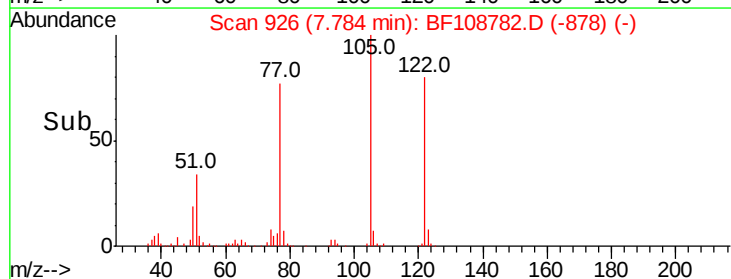
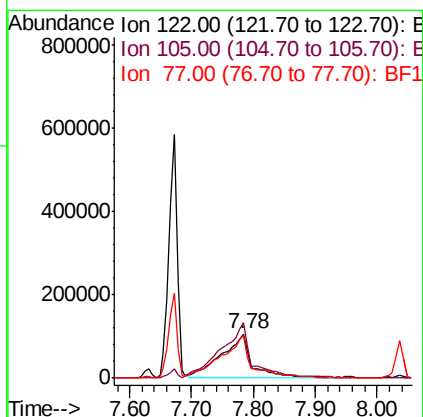
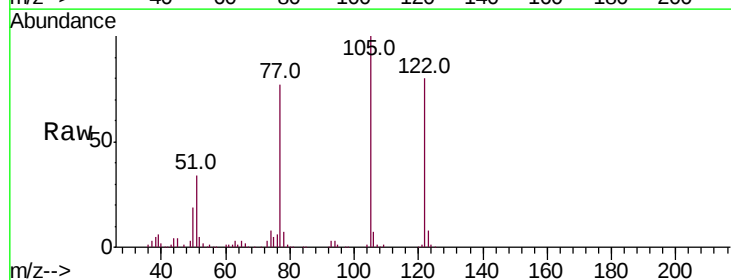
Instrument :
BNA_F
ClientSampleId :

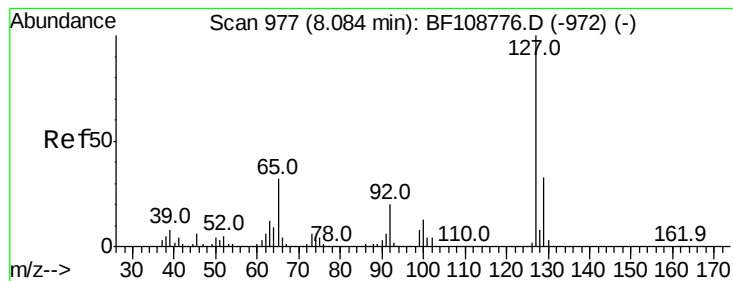
Tot Ion:128 Resp: 1766497
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 40.973 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:122 Resp: 355908
Ion Ratio Lower Upper
122 100
105 125.0 101.1 141.1
77 96.8 70.7 110.7





#33

4-Chloroaniline

Concen: 38.167 ng

RT: 8.08 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF108782.D

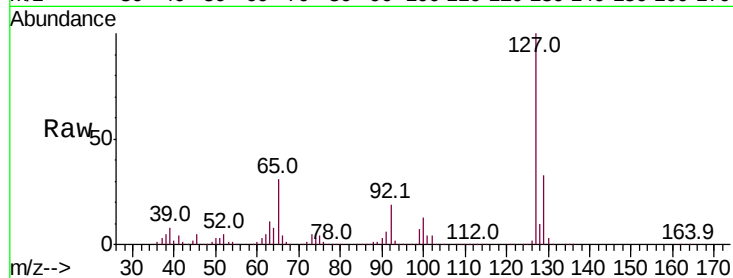
Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	789124
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	30.5	25.0	37.4
92	19.3	15.2	22.8

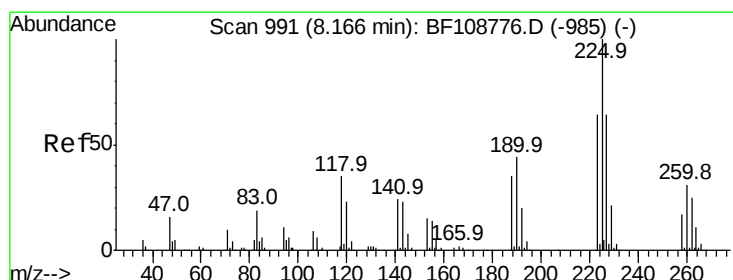
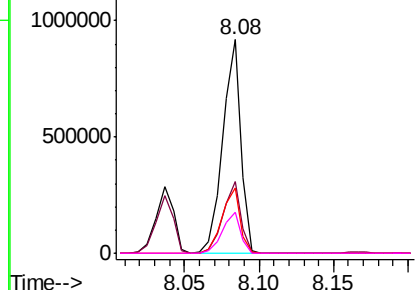
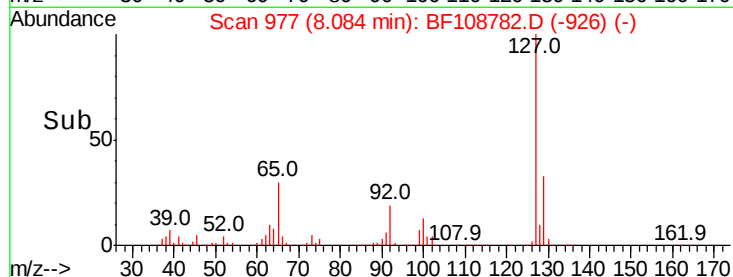


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.823 ng

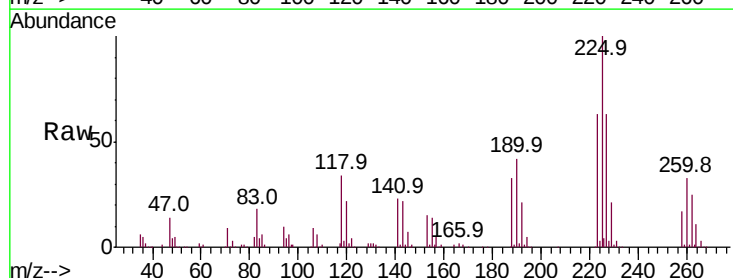
RT: 8.17 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

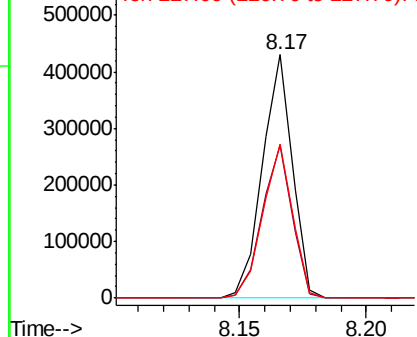
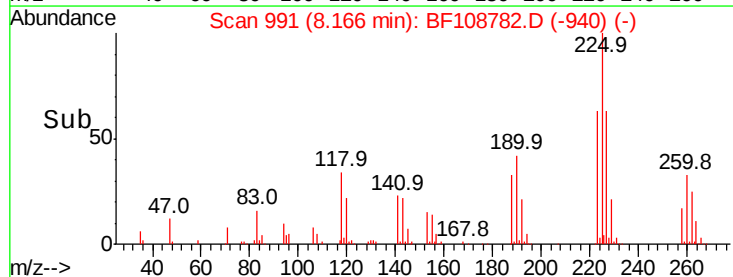
Tgt Ion:	225	Resp:	355725
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9

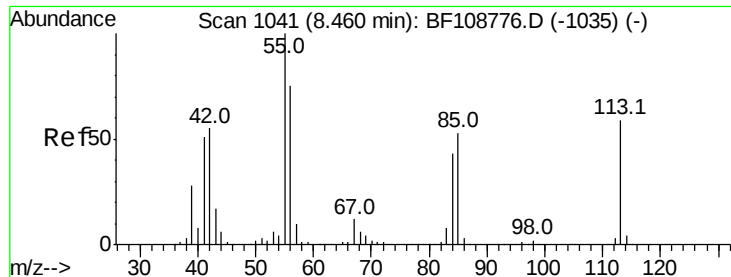


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

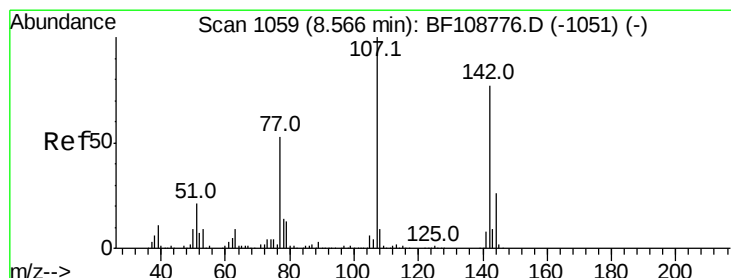
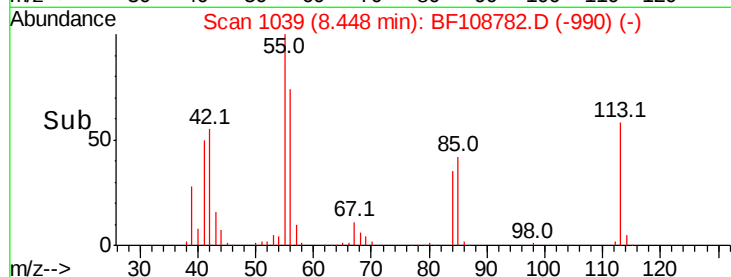
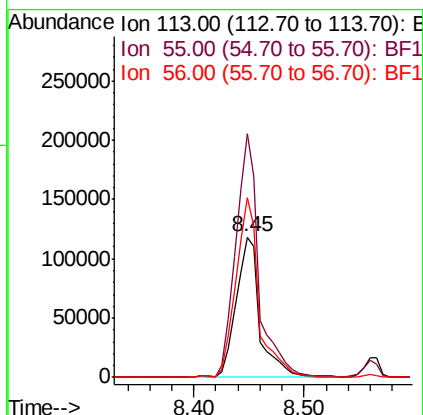
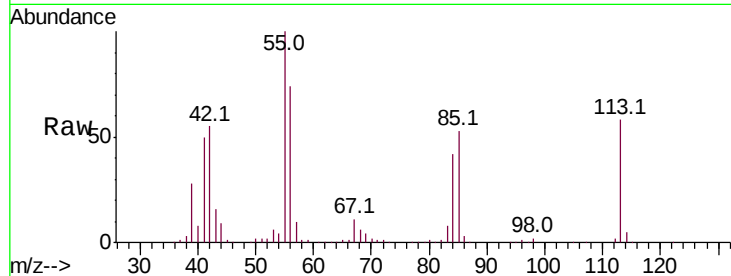




#35
 Caprolactam
 Concen: 37.338 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

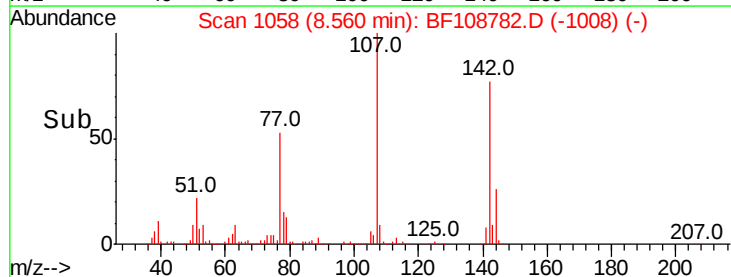
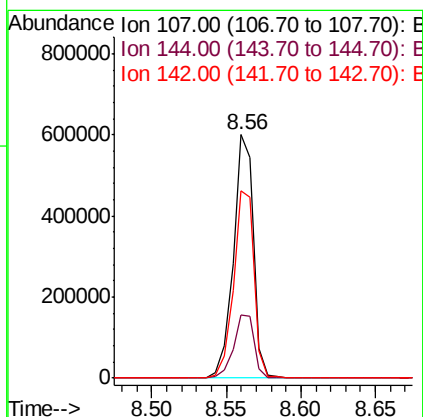
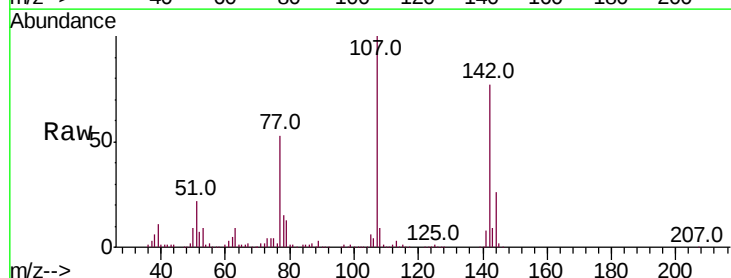
Instrument :
 BNA_F
 ClientSampleId :

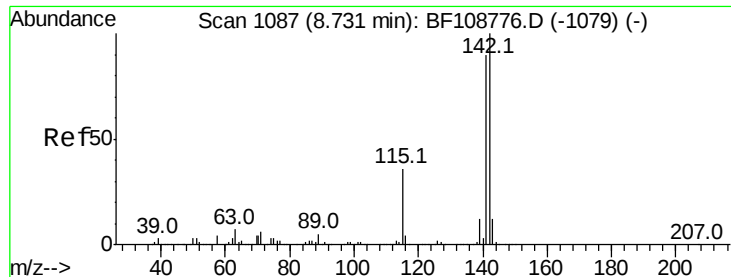
Tot Ion:113 Resp: 179061
 Ion Ratio Lower Upper
 113 100
 55 173.2 163.3 203.3
 56 127.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.847 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:107 Resp: 570604
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.1 62.0 93.0

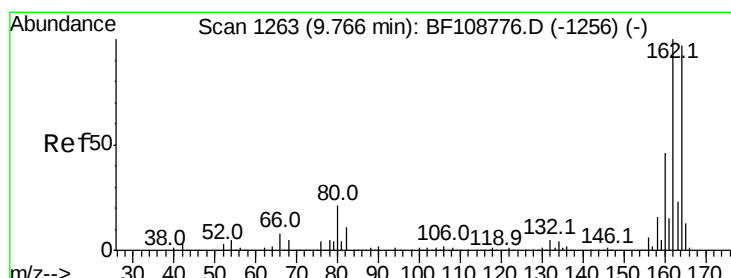
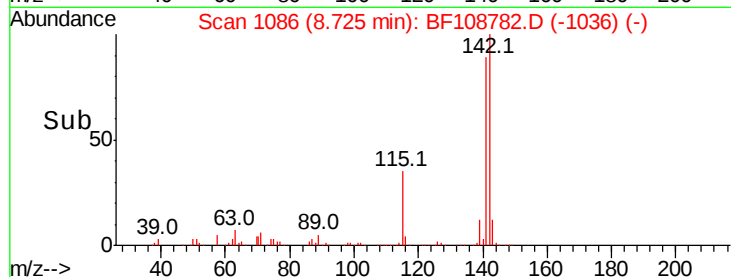
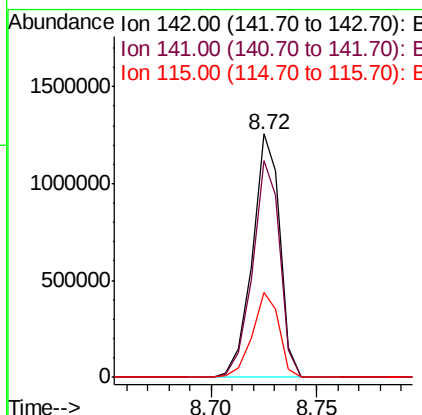
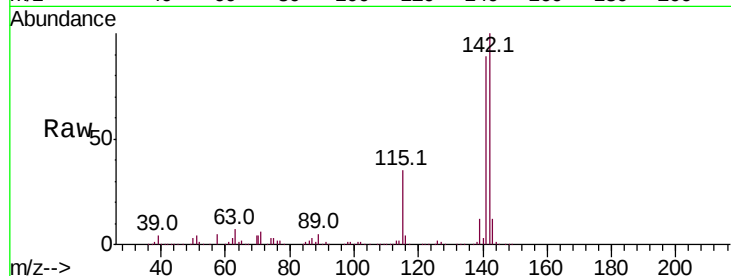




#37
2-Methylnaphthalene
Concen: 38.094 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

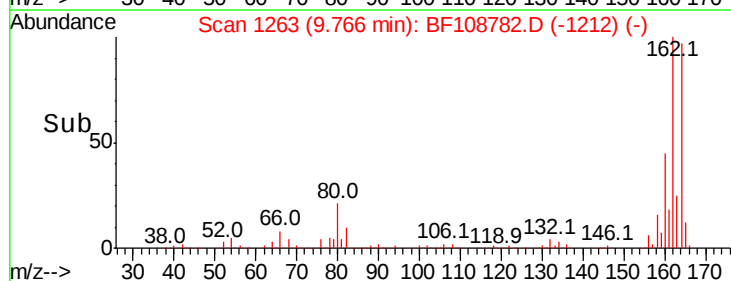
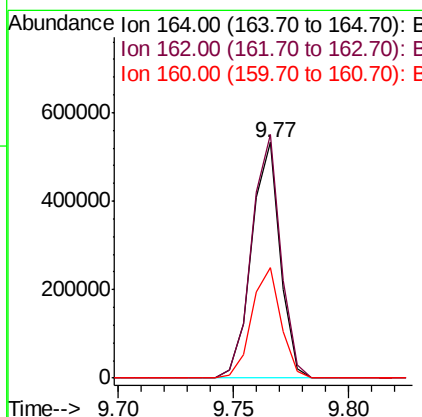
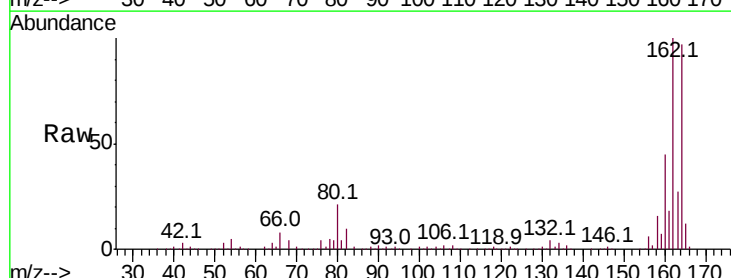
Instrument :
BNA_F
ClientSampleId :

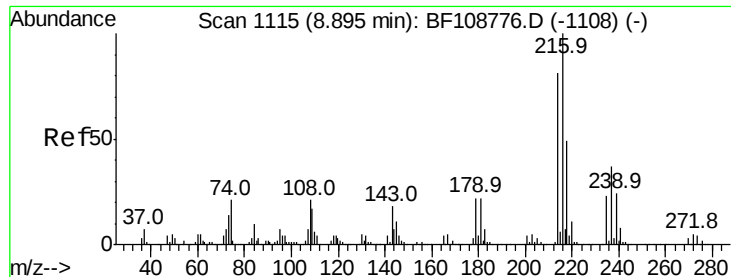
Tot Ion:142 Resp: 1132957
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 35.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:164 Resp: 459931
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.444 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 556047

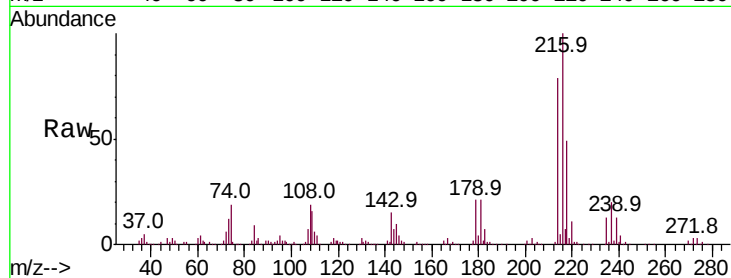
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.3 18.1 27.1

108 20.3 17.2 25.8



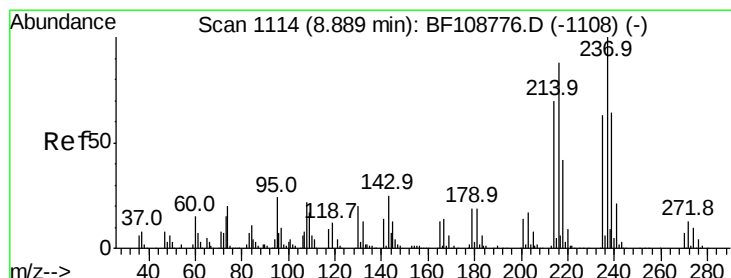
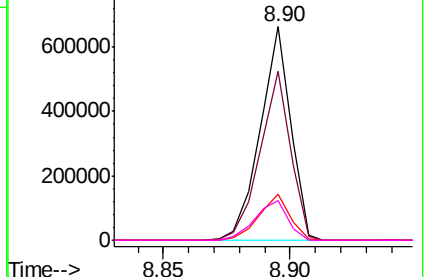
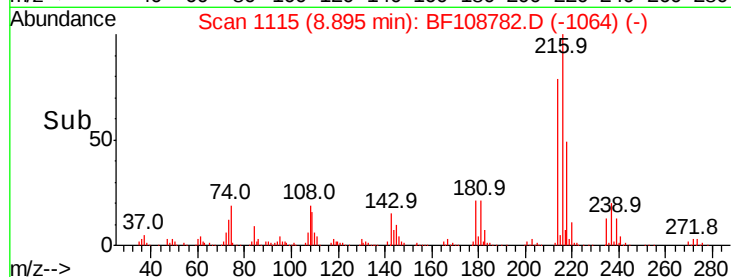
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.330 ng

RT: 8.89 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

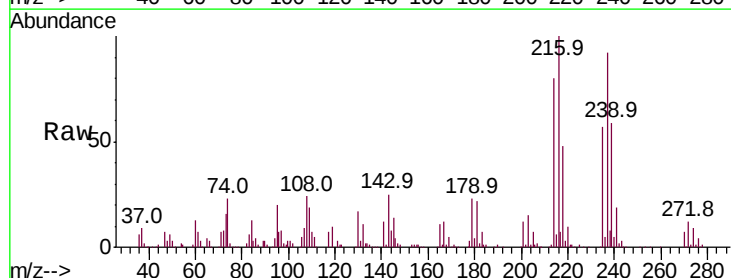
Tgt Ion:237 Resp: 292780

Ion Ratio Lower Upper

237 100

235 62.3 44.8 84.8

272 13.5 0.0 33.3

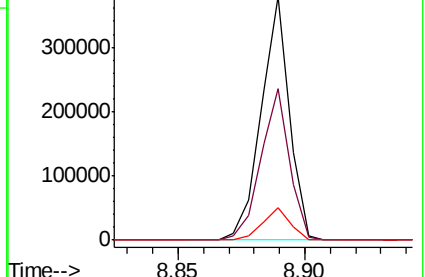
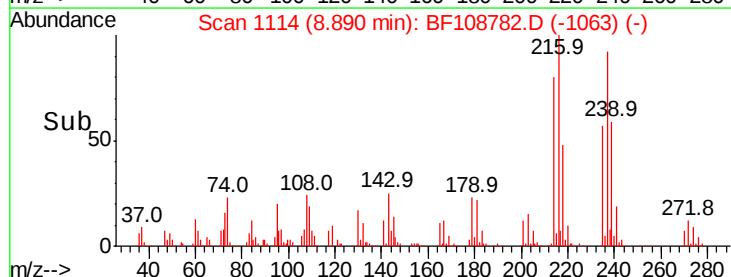


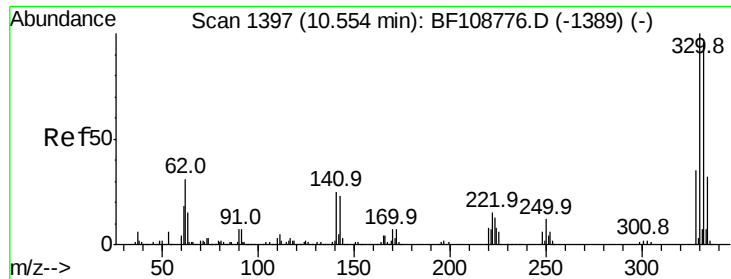
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

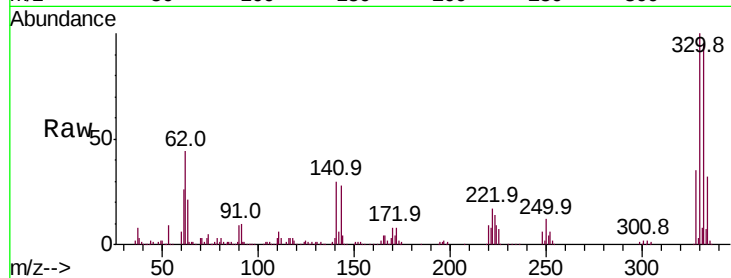




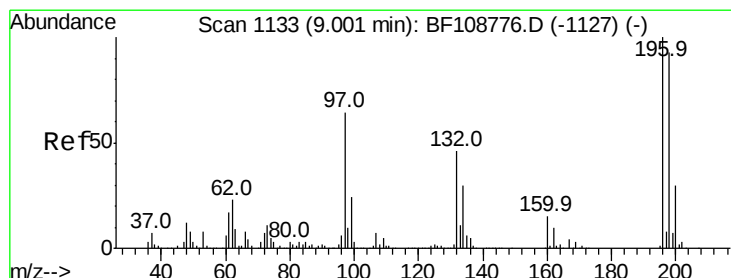
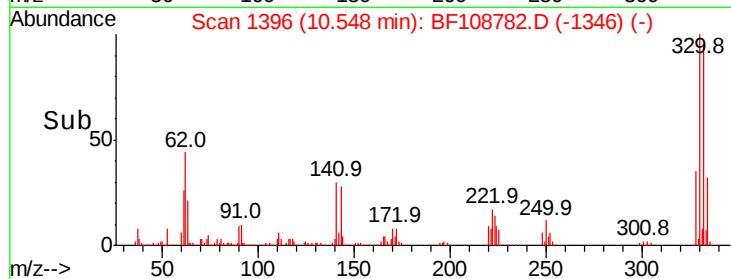
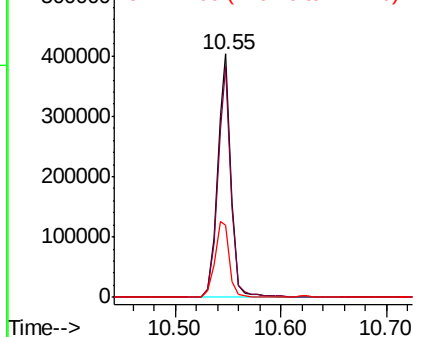
#41
 2,4,6-Tribromophenol
 Concen: 82.795 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.9	29.9	44.9

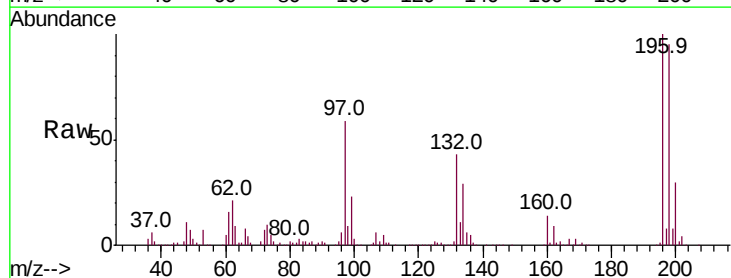


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

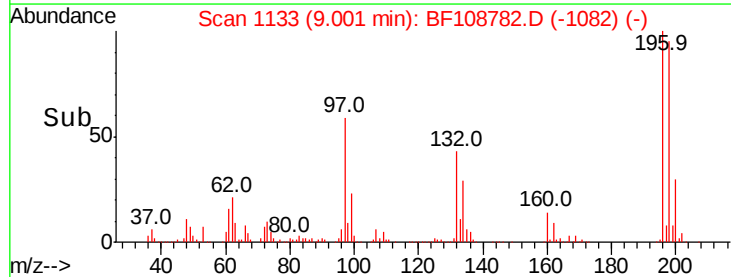
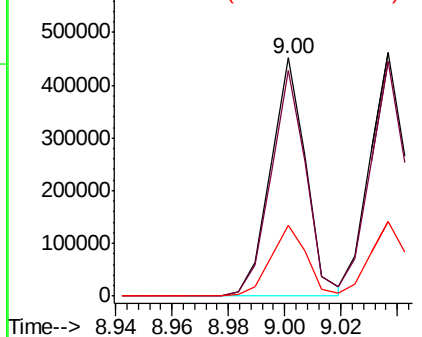


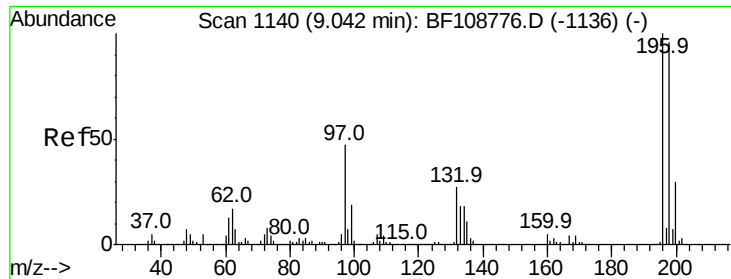
#42
 2,4,6-Trichlorophenol
 Concen: 41.455 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	29.9	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

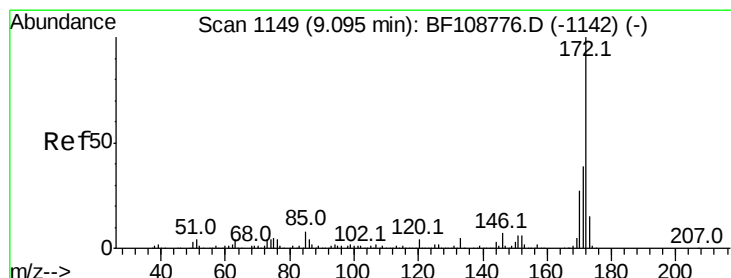
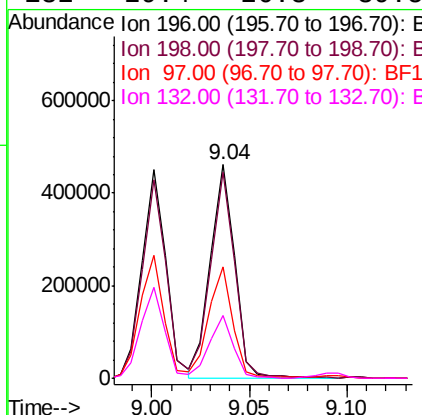
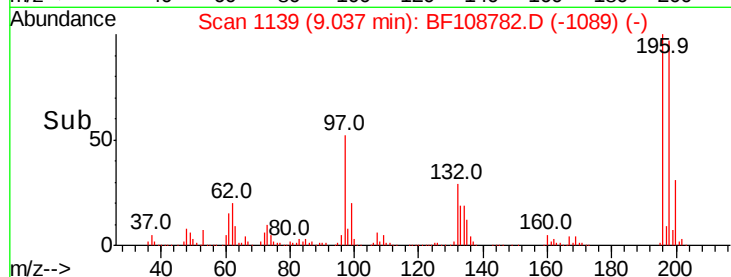
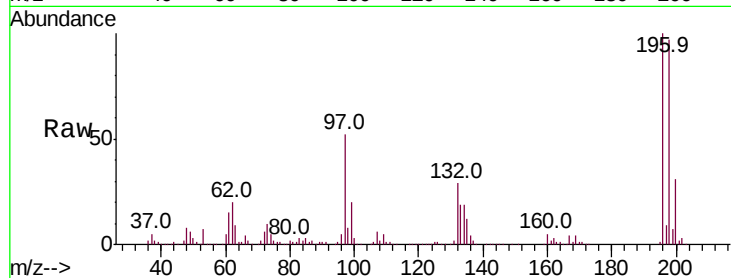




#43
 2,4,5-Trichlorophenol
 Concen: 41.285 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

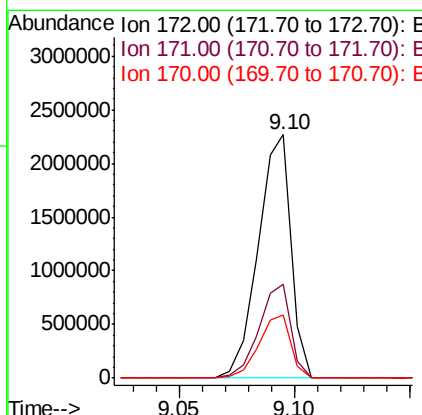
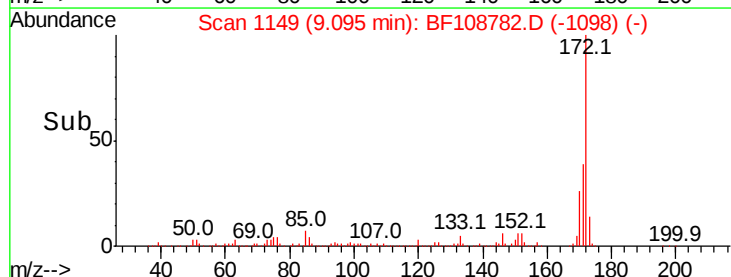
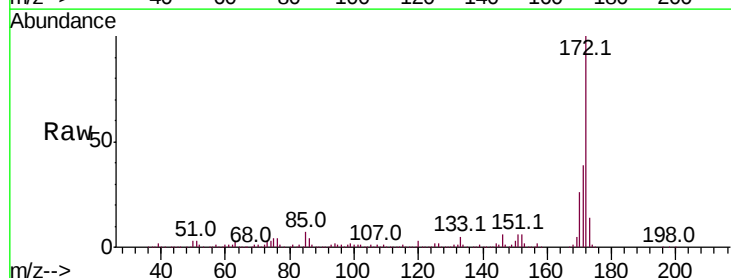
Instrument :
 BNA_F
 ClientSampleId :

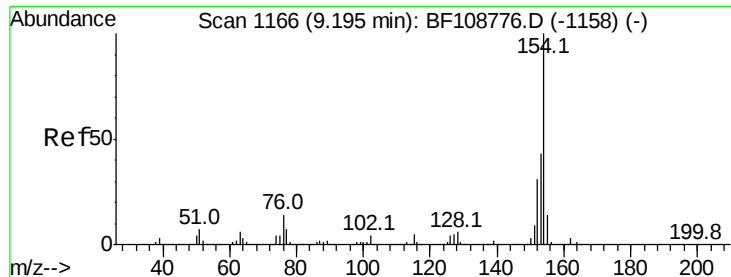
Tot Ion:	196	Resp:	400752
Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	52.4	42.9	64.3
132	29.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 83.255 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:	172	Resp:	2244552
Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	25.9	19.6	29.4

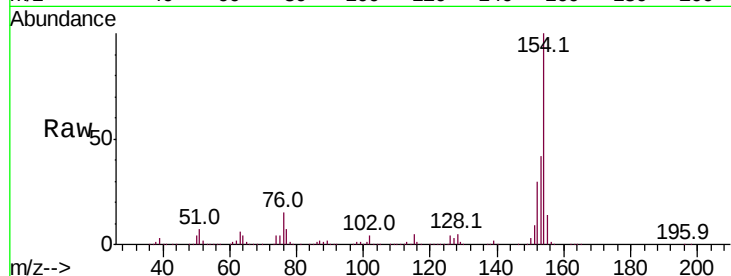




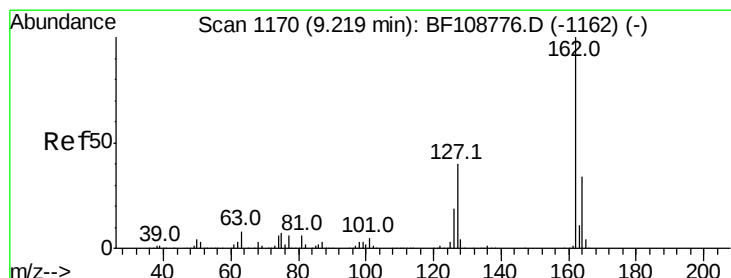
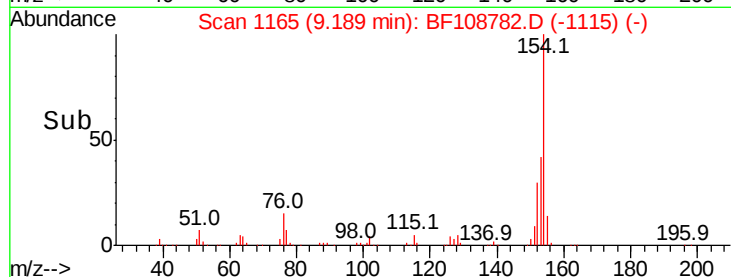
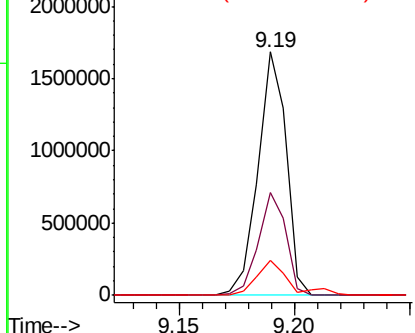
#45
 1,1'-Biphenyl
 Concen: 40.679 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1440371
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.3 61.3
 76 14.5 0.0 34.0

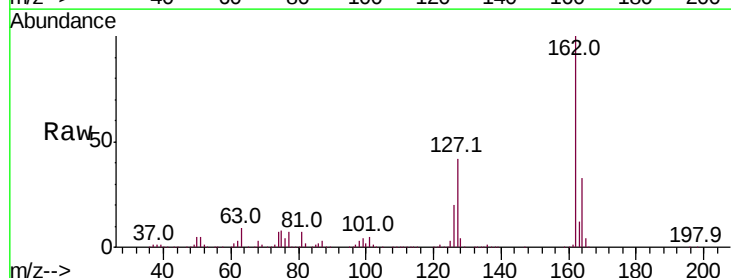


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

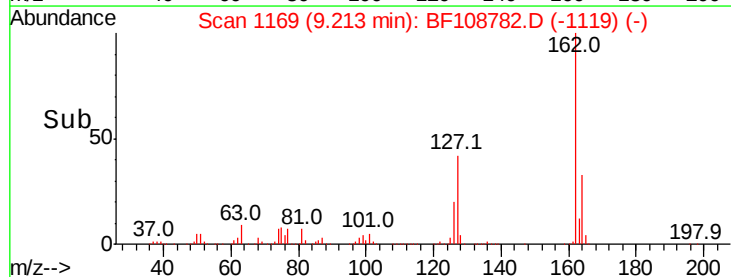
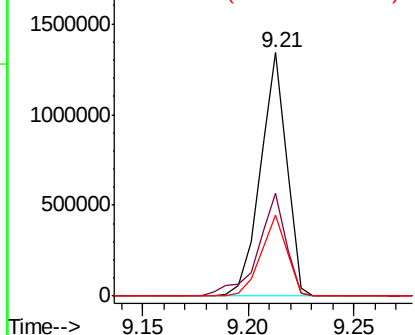


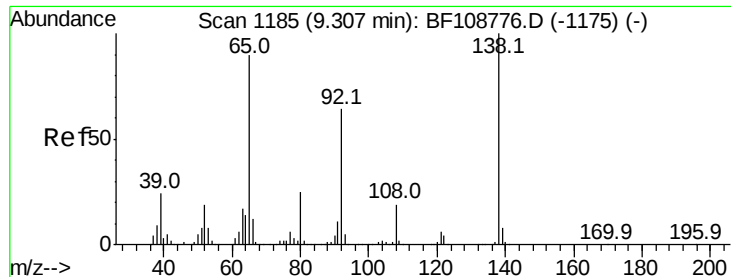
#46
 2-Chloronaphthalene
 Concen: 40.510 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:162 Resp: 1160073
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.9 50.9
 164 33.3 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

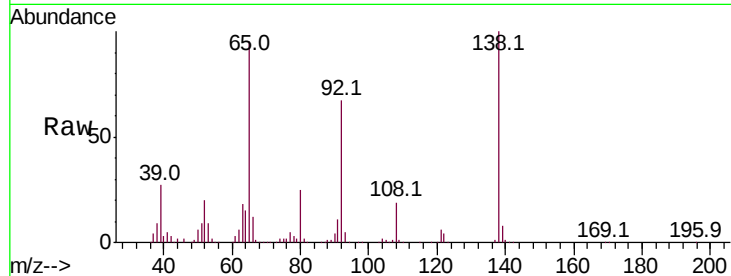




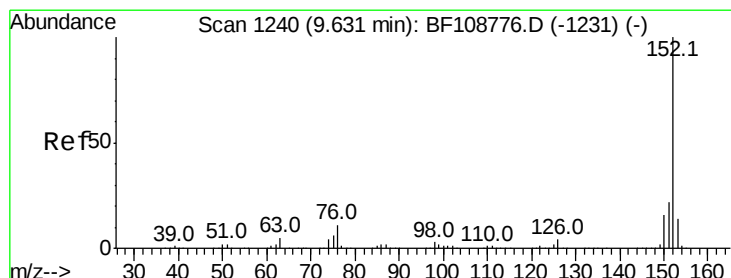
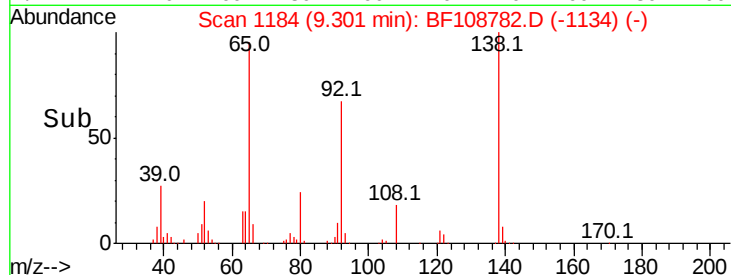
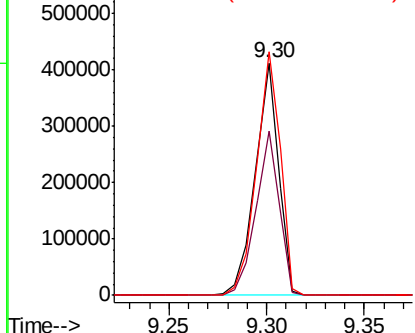
#47
2-Nitroaniline
Concen: 43.750 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 342262
Ion Ratio Lower Upper
65 100
92 70.5 55.8 83.6
138 104.8 91.2 136.8

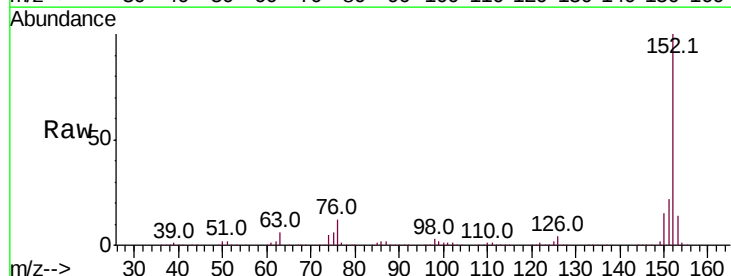


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

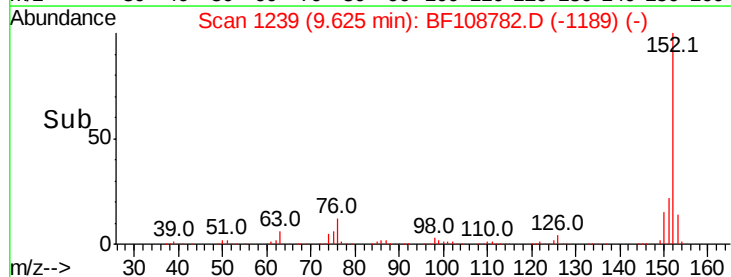
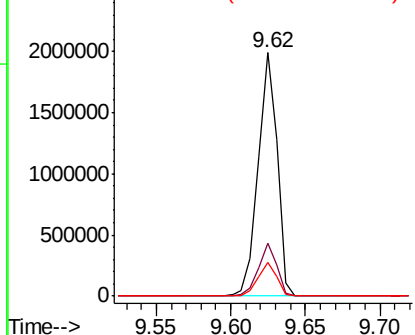


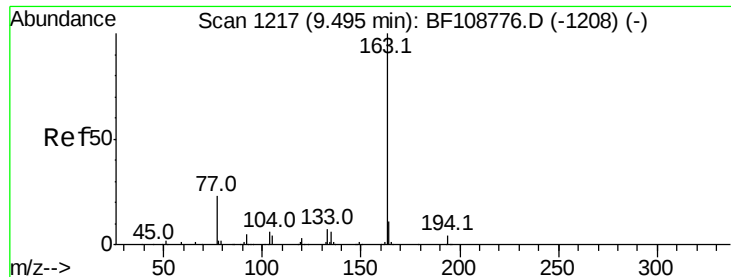
#48
Acenaphthylene
Concen: 40.448 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 152 Resp: 1726525
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

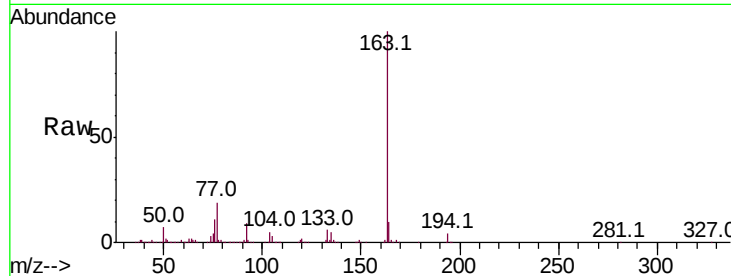




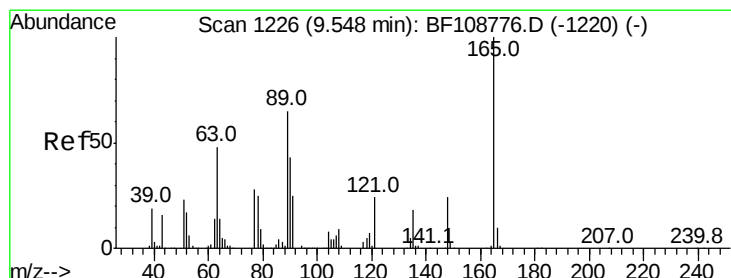
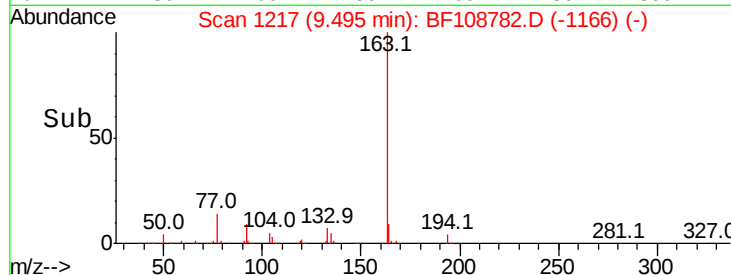
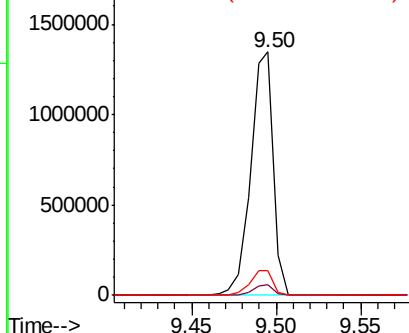
#49
Dimethylphthalate
Concen: 39.023 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1255324
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.3 8.2 12.2

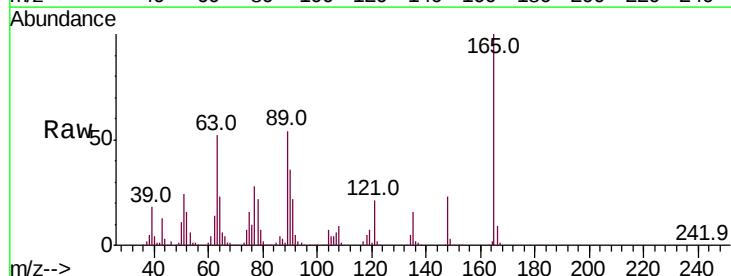


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

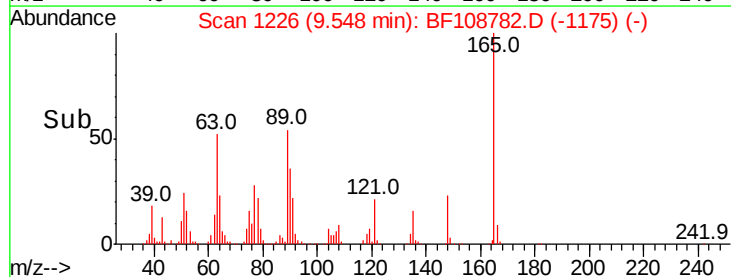
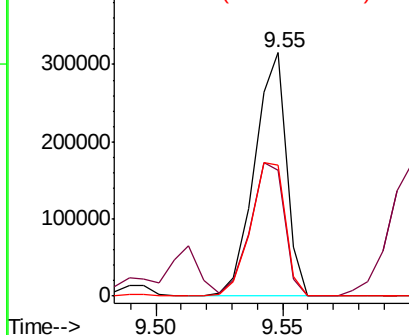


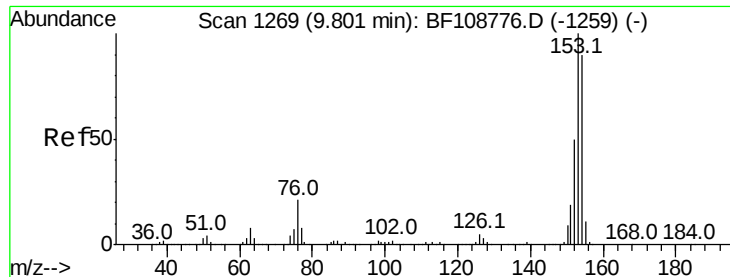
#50
2,6-Dinitrotoluene
Concen: 45.256 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:165 Resp: 277411
Ion Ratio Lower Upper
165 100
63 51.5 44.7 67.1
89 53.9 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: 39.746 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

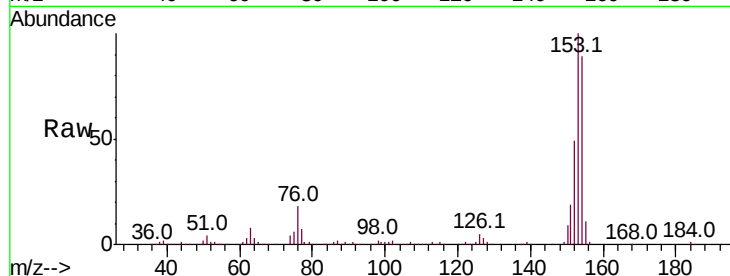
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1049858

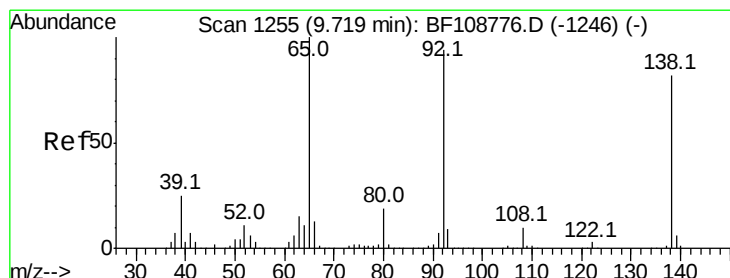
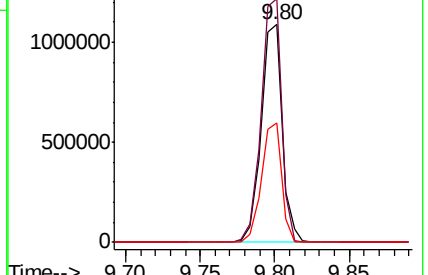
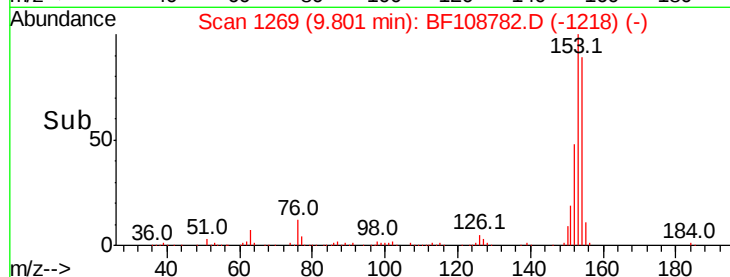
Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	54.7	43.8	65.8



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: 45.406 ng

RT: 9.71 min Scan# 1254

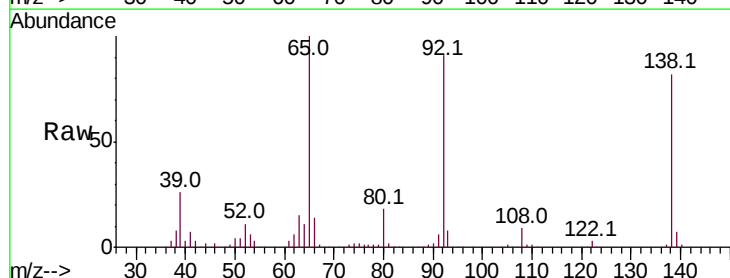
Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Tgt Ion:138 Resp: 331315

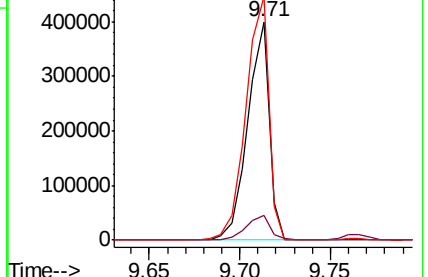
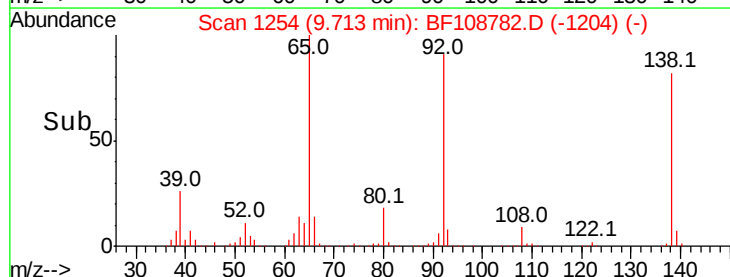
Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	111.4	89.4	134.2

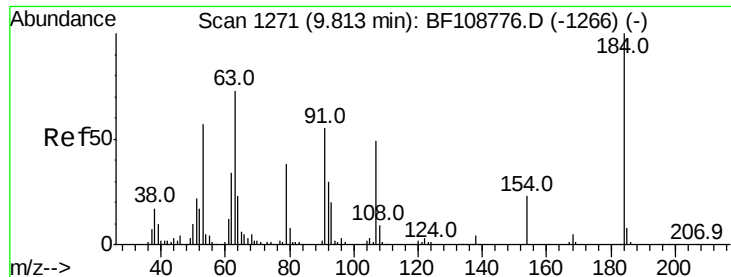


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

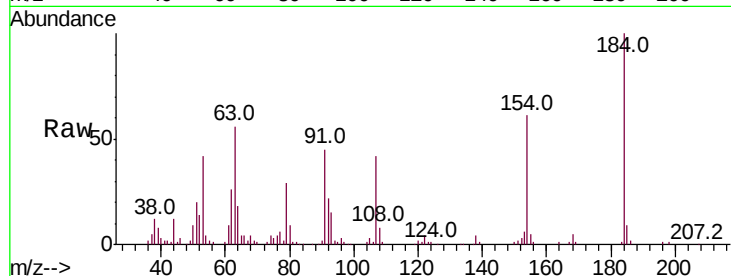




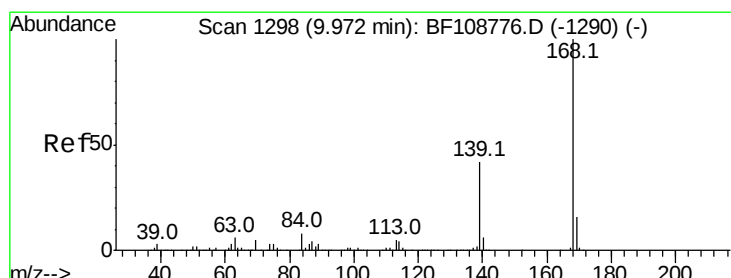
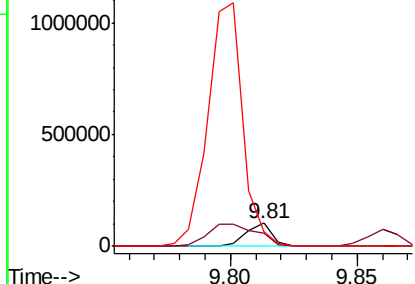
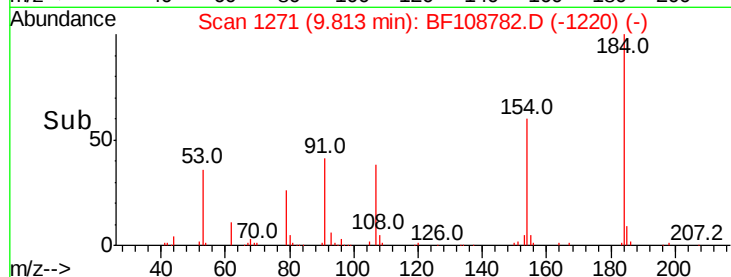
#53
2,4-Dinitrophenol
Concen: 39.008 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75697
Ion Ratio Lower Upper
184 100
63 55.9 54.2 81.2
154 60.9 184.0 276.0#

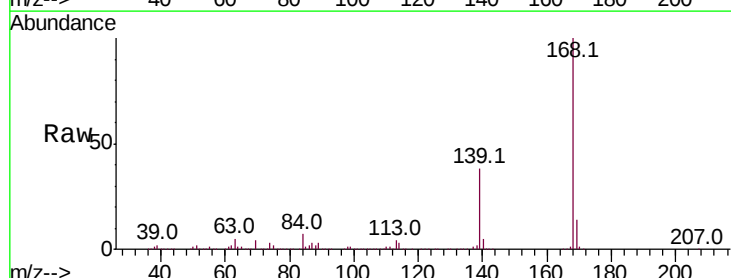


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

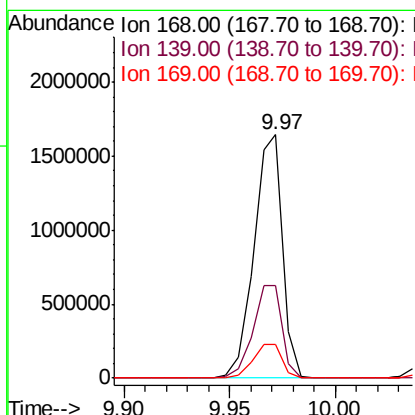
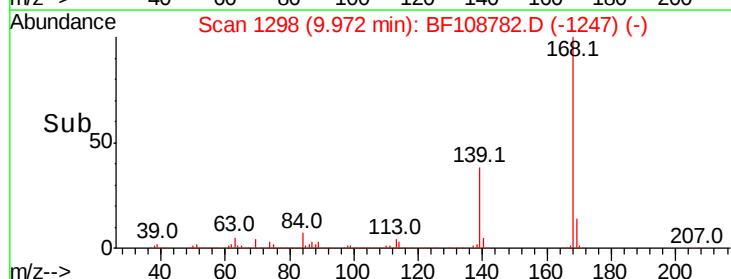


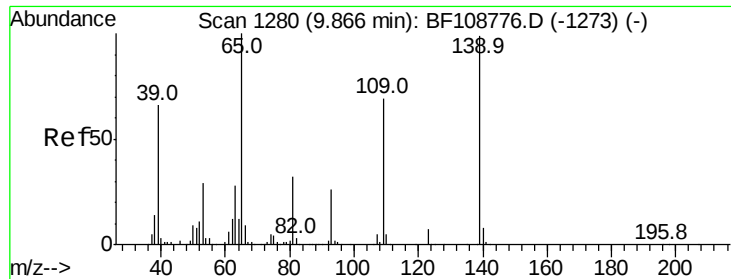
#54
Dibenzofuran
Concen: 39.940 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:168 Resp: 1537822
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.1 10.9 16.3



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





#55

4-Nitrophenol

Concen: 44.944 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

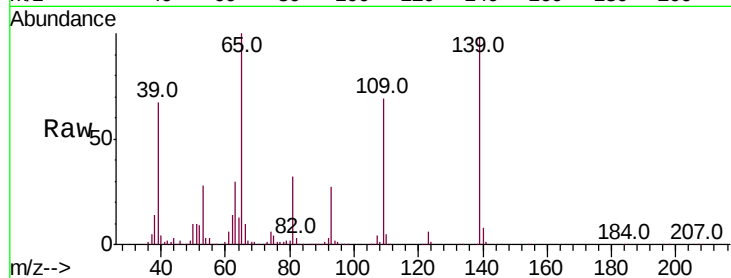
Tot Ion:139 Resp: 245166

Ion Ratio Lower Upper

139 100

109 70.5 48.4 88.4

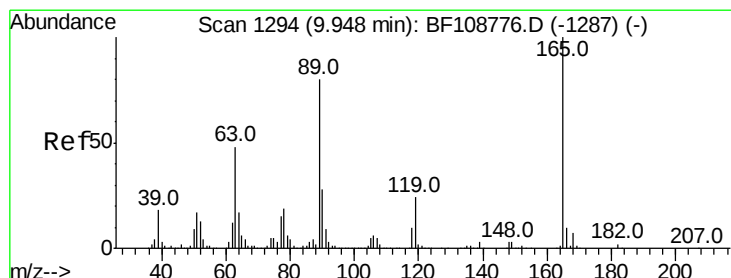
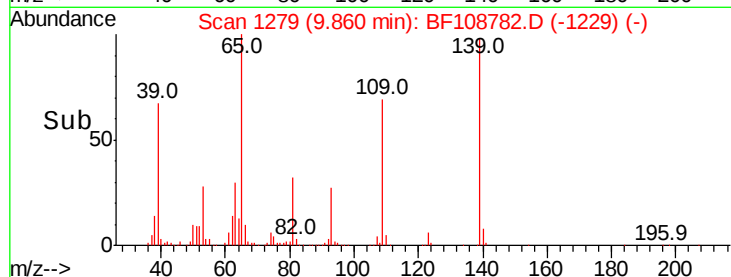
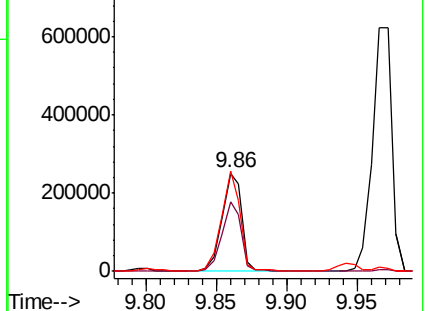
65 102.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.567 ng

RT: 9.94 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Tgt Ion:165 Resp: 341527

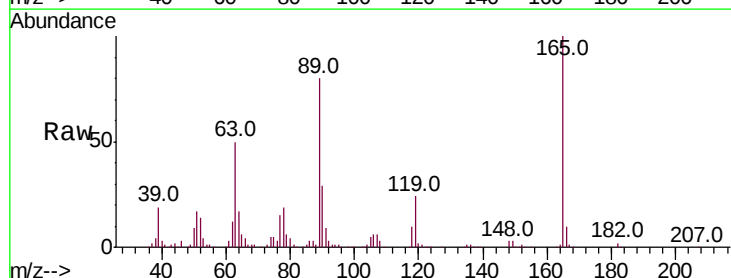
Ion Ratio Lower Upper

165 100

63 49.6 36.4 54.6

89 79.7 57.8 86.6

182 2.2 1.6 2.4

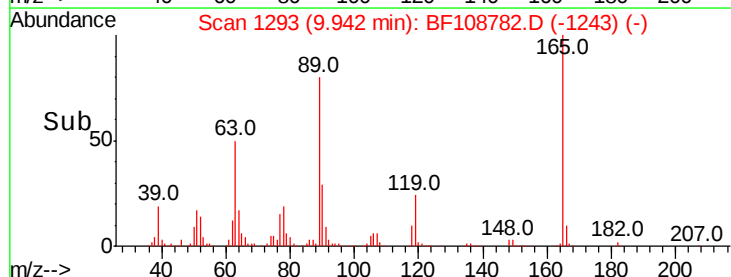
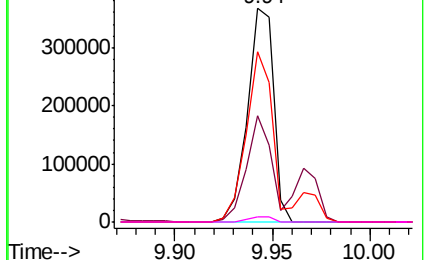


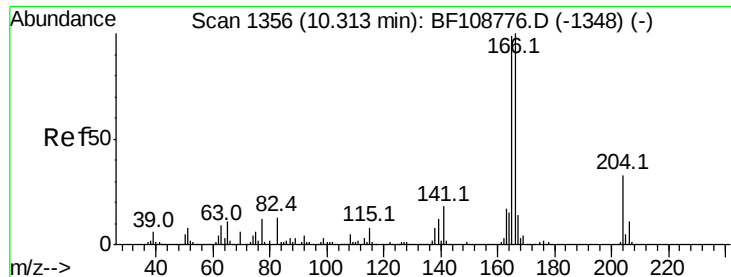
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.273 ng

RT: 10.31 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

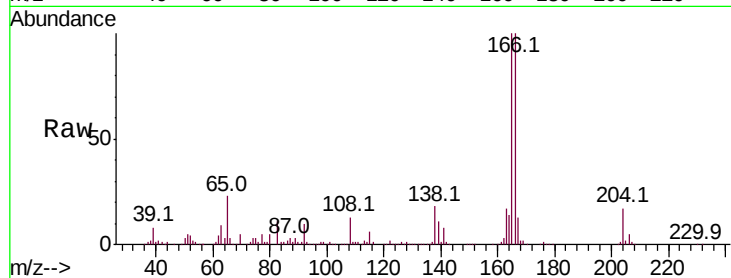
Tot Ion:166 Resp: 1019806

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

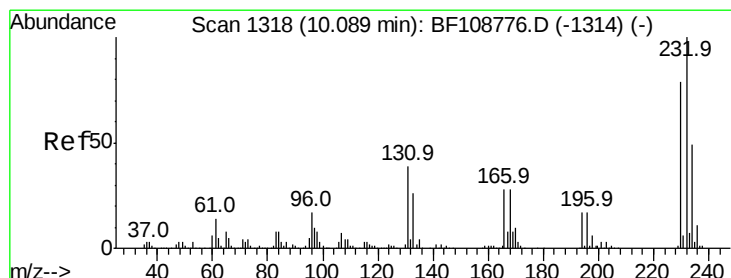
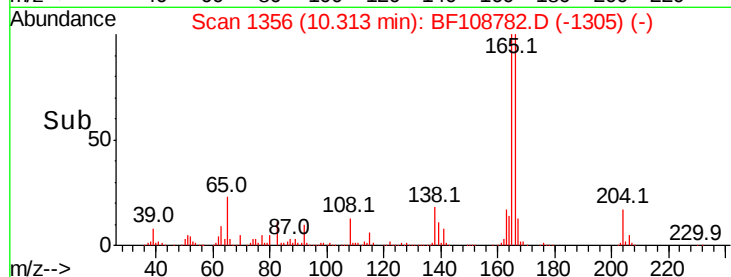
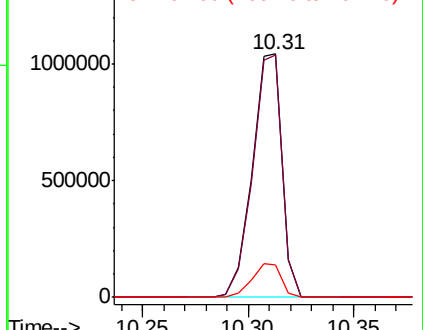
167 13.2 10.6 16.0



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: 41.078 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Tgt Ion:232 Resp: 321565

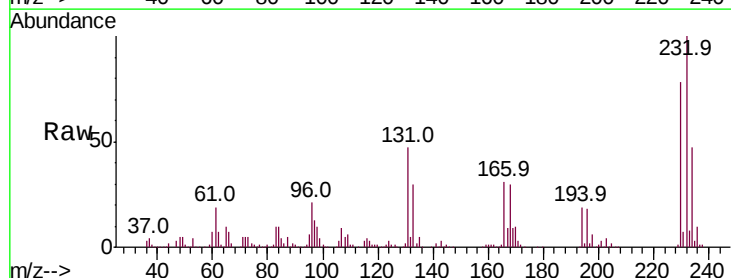
Ion Ratio Lower Upper

232 100

131 46.0 43.8 65.8

130 2.2 2.1 3.1

166 30.1 27.8 41.6

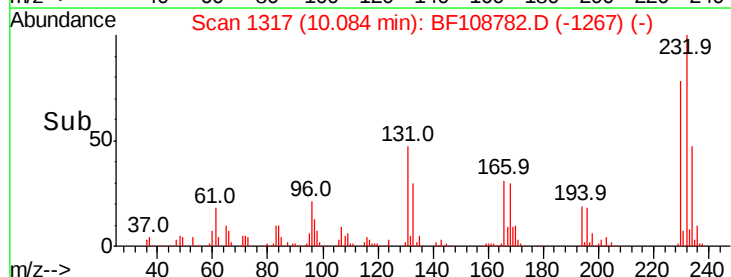
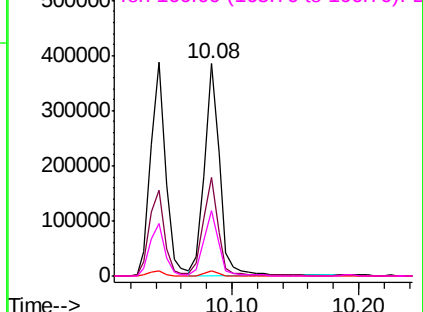


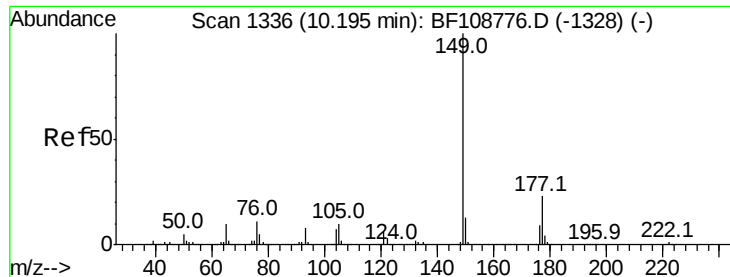
Abundance Ion 232.00 (231.70 to 232.70): E

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

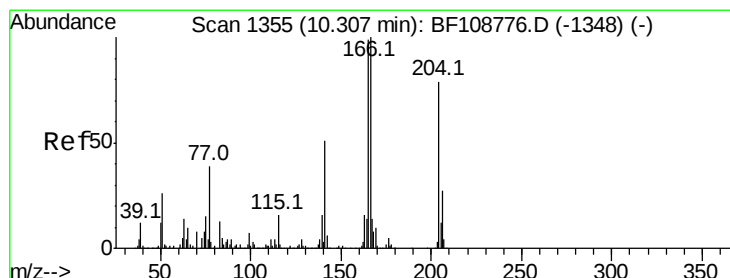
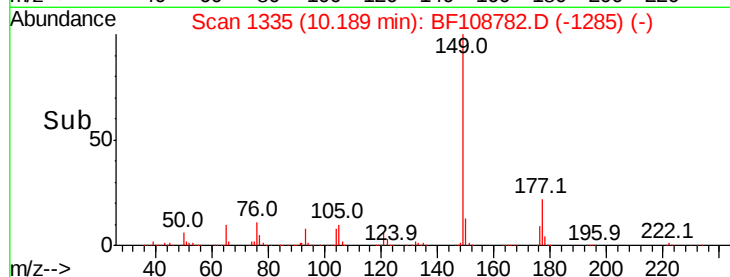
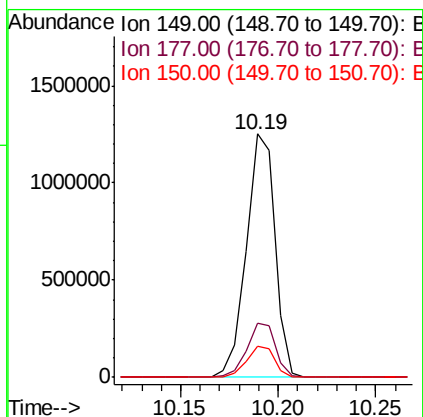
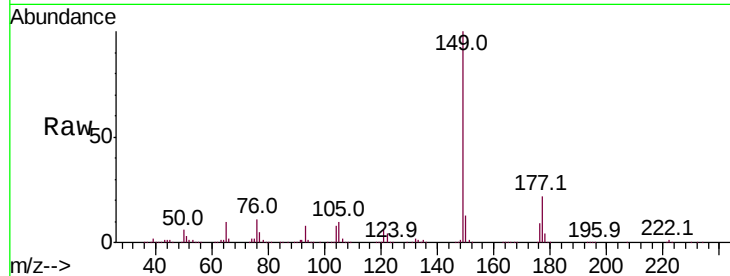




#59
Diethylphthalate
Concen: 38.380 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

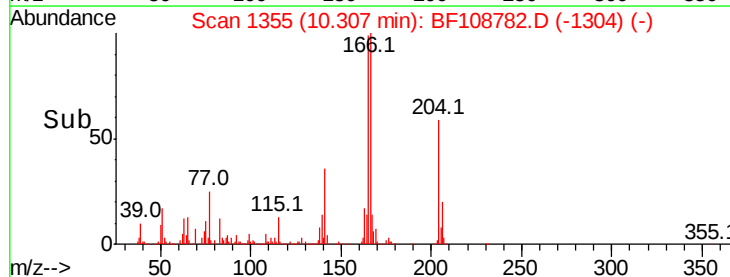
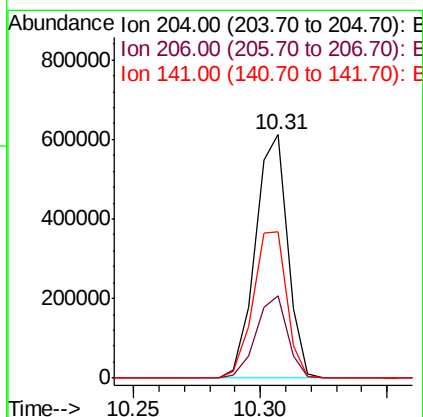
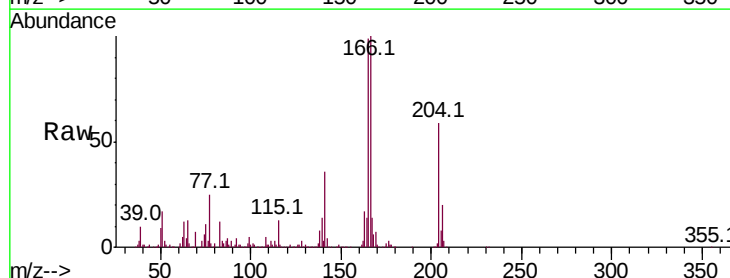
Instrument :
BNA_F
ClientSampleId :

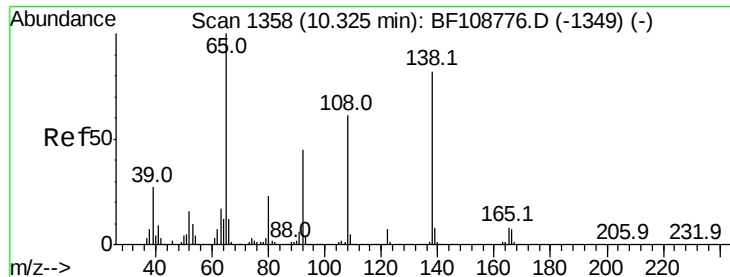
Tot Ion:149 Resp: 1274127
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.213 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:204 Resp: 543865
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 60.2 54.6 81.8

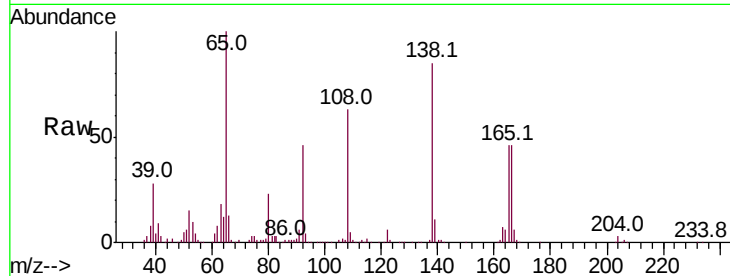




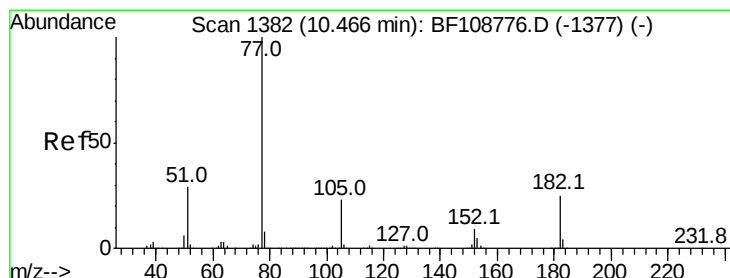
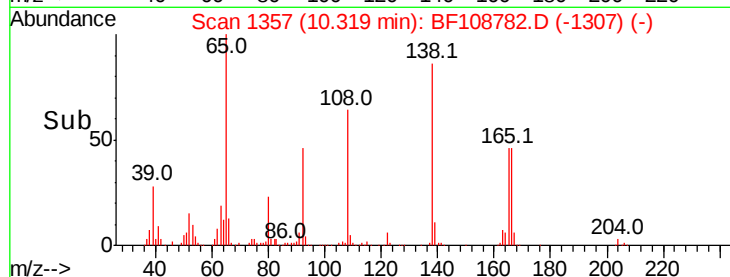
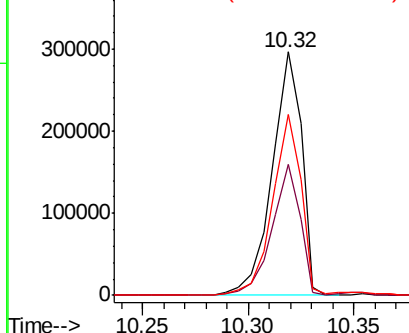
#61
4-Nitroaniline
Concen: 43.633 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 288426
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 74.5 52.5 92.5

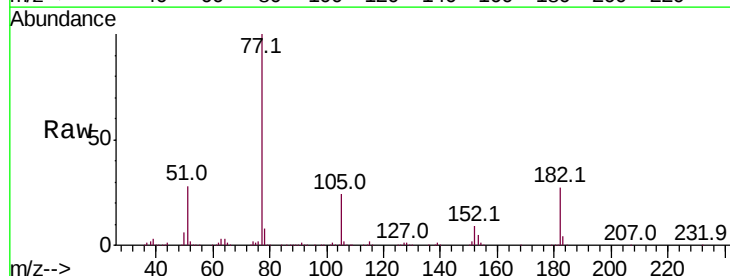


Abundance Ion 138.00 (137.70 to 138.70): E
400000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

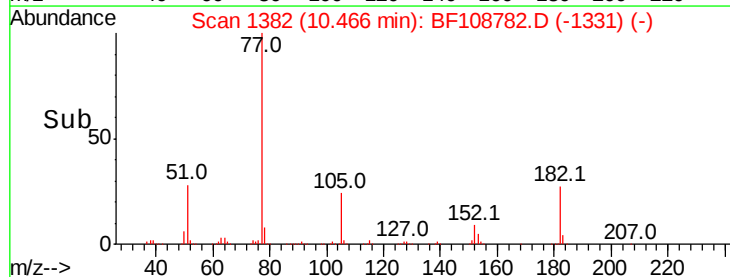
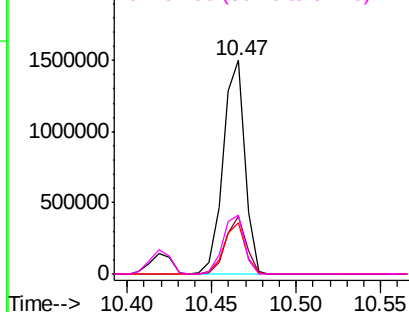


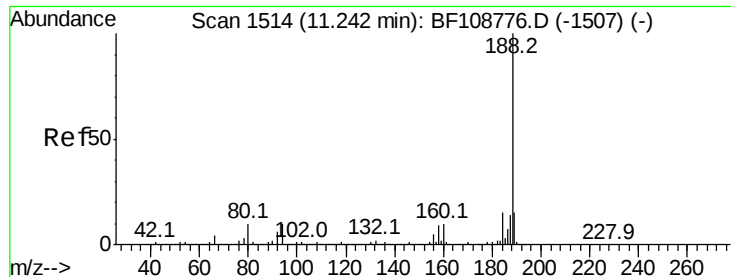
#62
Azobenzene
Concen: 38.926 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion: 77 Resp: 1333882
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 23.9 3.0 43.0
51 27.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

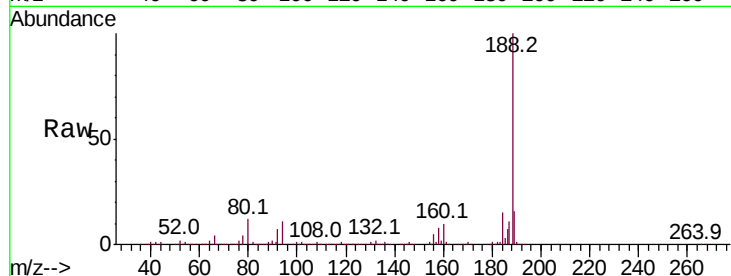




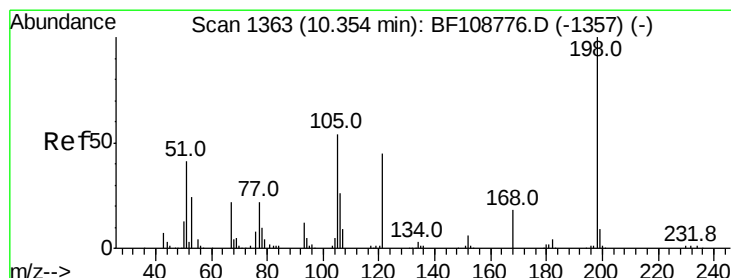
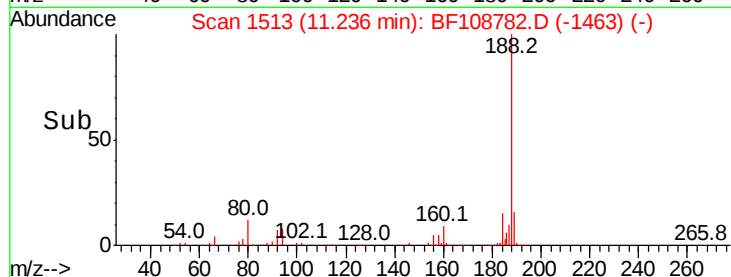
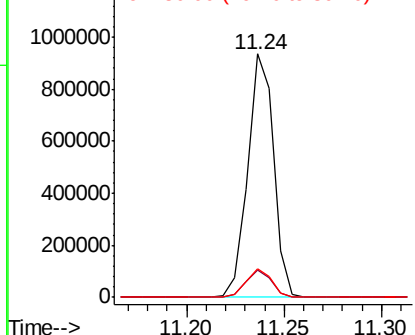
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 858524
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.9 9.2 13.8

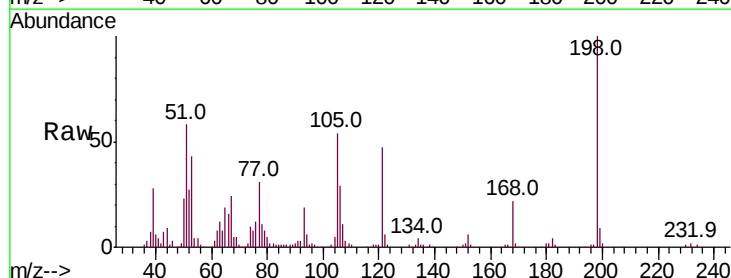


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

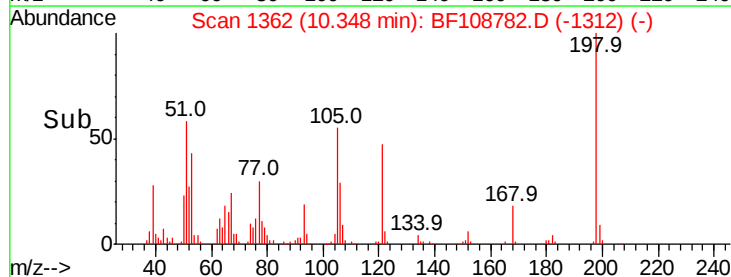
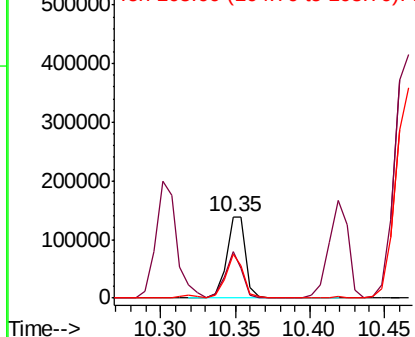


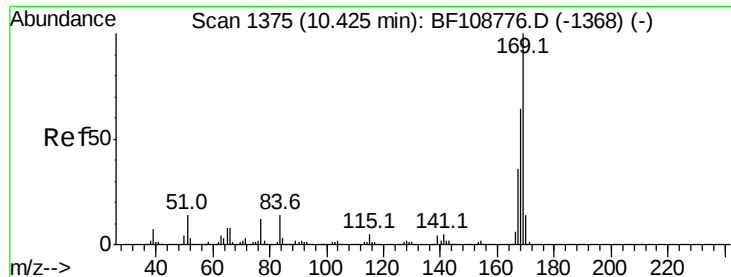
#64
4,6-Dinitro-2-methylphenol
Concen: 39.159 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:198 Resp: 127222
Ion Ratio Lower Upper
198 100
51 57.5 37.7 77.7
105 54.3 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

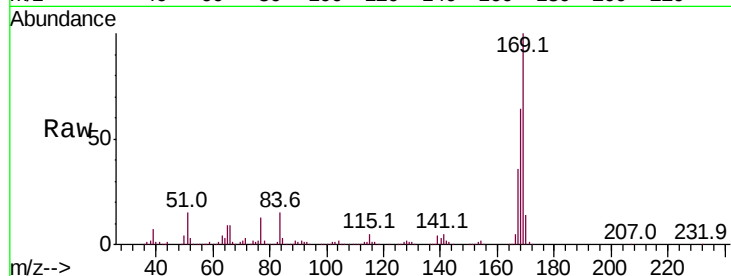




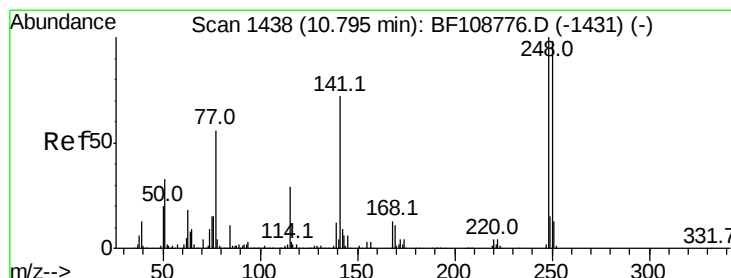
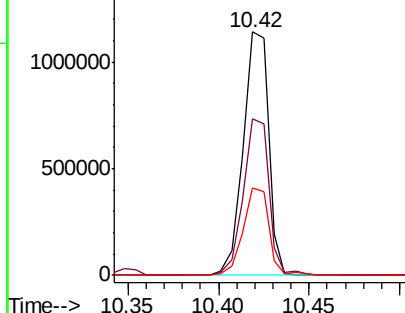
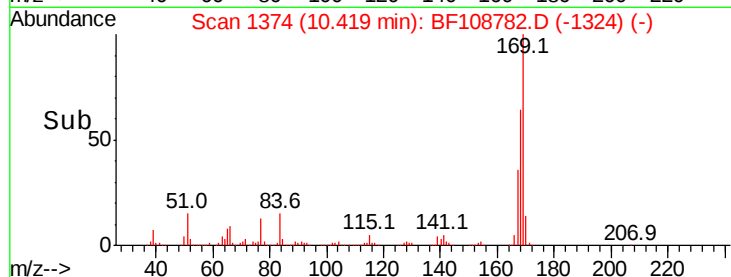
#65
 n-Nitrosodiphenylamine
 Concen: 38.851 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1108964
 Ion Ratio Lower Upper
 169 100
 168 64.5 54.4 81.6
 167 35.7 29.8 44.6

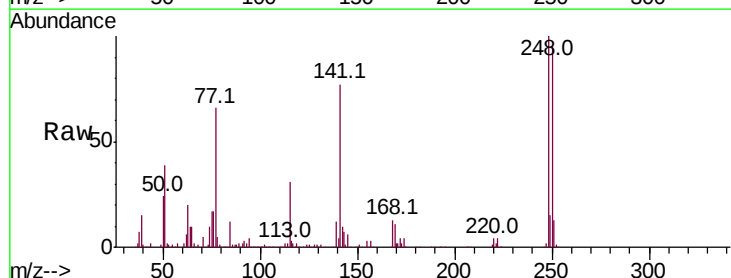


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

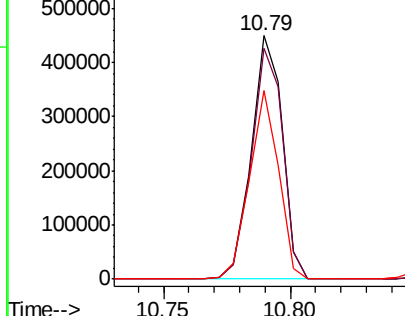
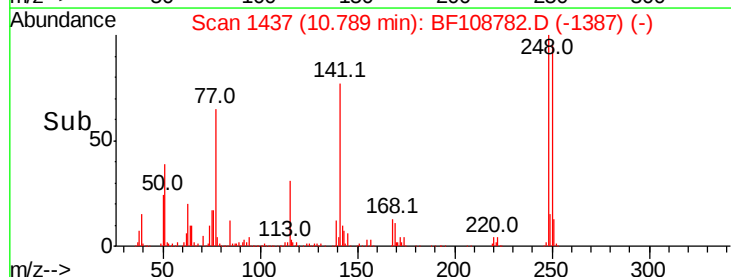


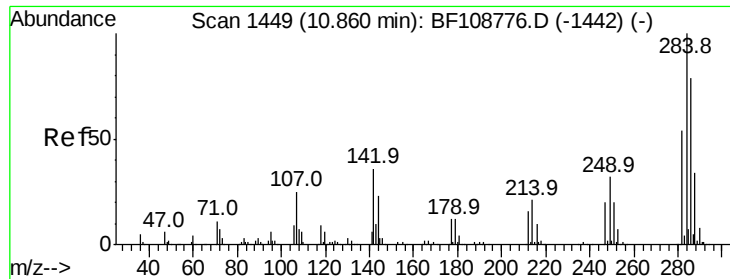
#66
 4-Bromophenyl-phenylether
 Concen: 39.449 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:248 Resp: 382521
 Ion Ratio Lower Upper
 248 100
 250 94.8 76.9 115.3
 141 77.5 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: 38.400 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

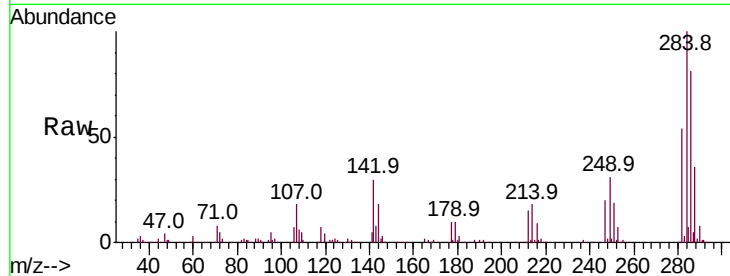
Tot Ion:284 Resp: 397482

Ion Ratio Lower Upper

284 100

142 29.6 34.6 52.0#

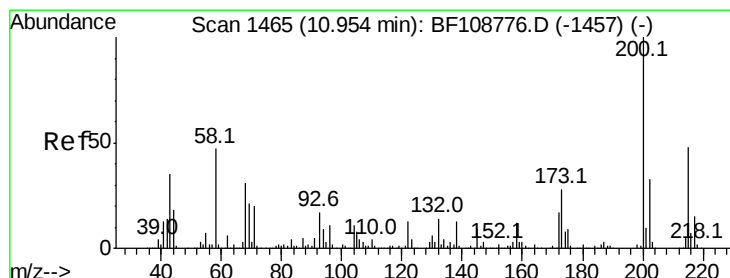
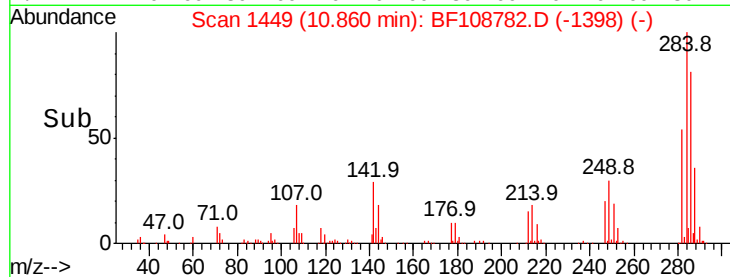
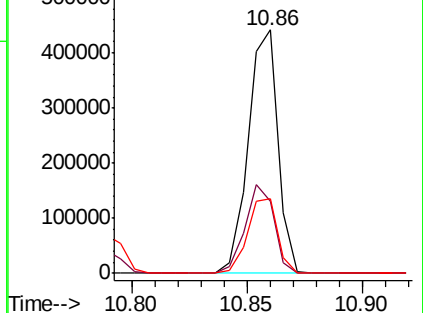
249 30.5 24.8 37.2



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: 37.476 ng

RT: 10.95 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

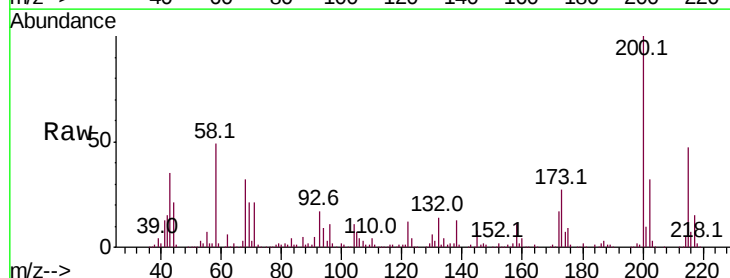
Tgt Ion:200 Resp: 342451

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

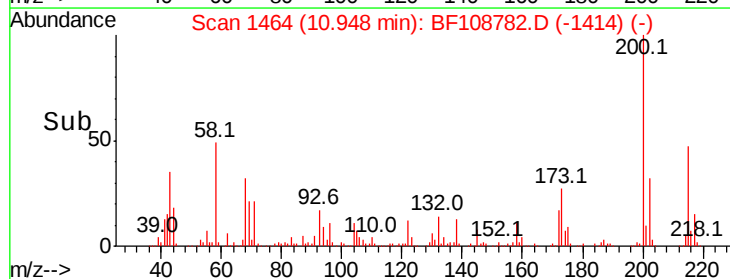
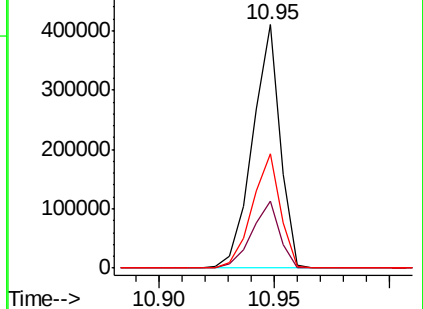
215 46.8 25.1 65.1

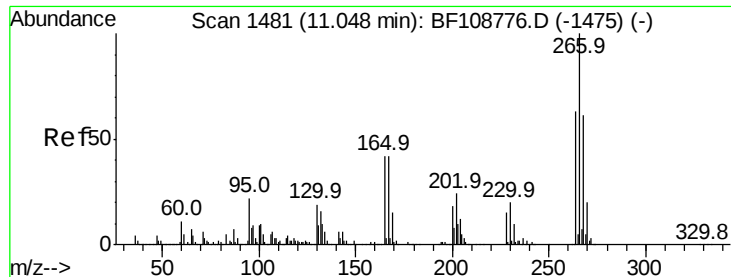


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

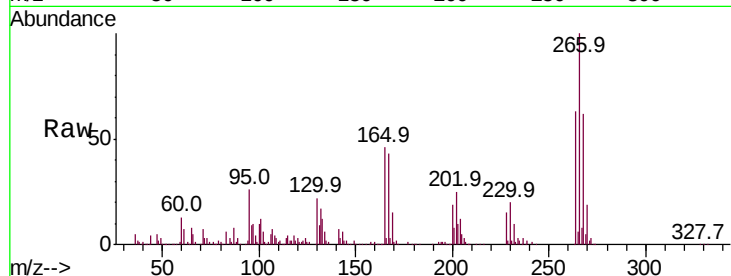




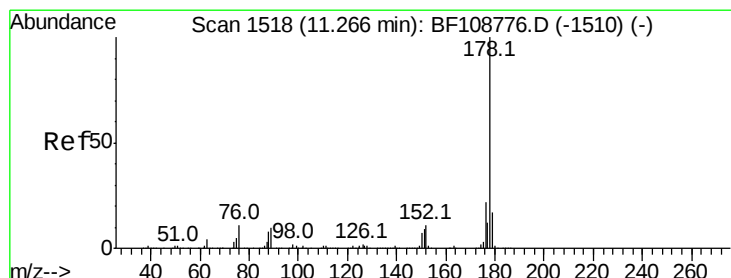
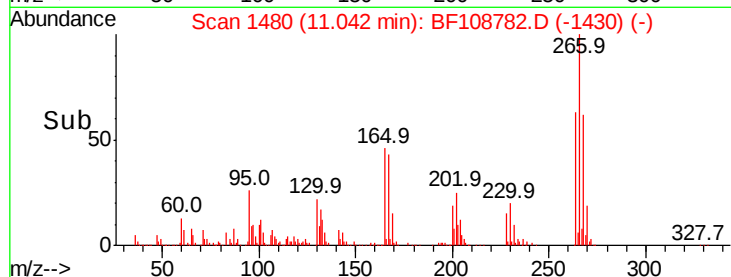
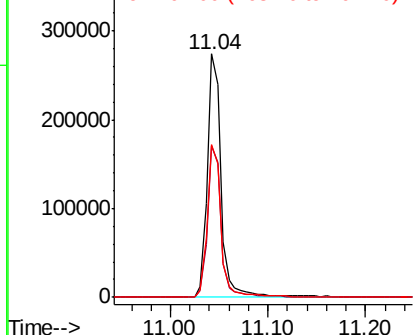
#69
 Pentachlorophenol
 Concen: 42.829 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 271039
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 62.8 49.5 74.3

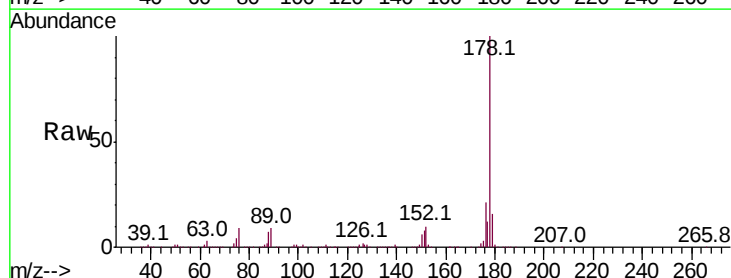


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

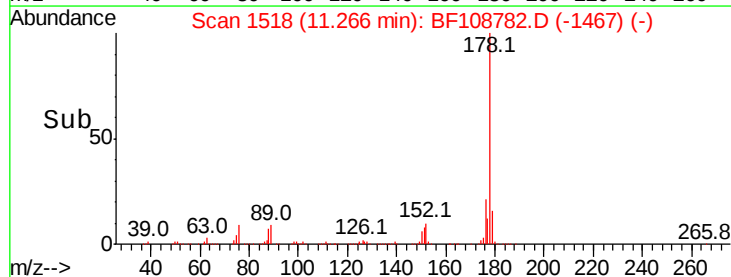
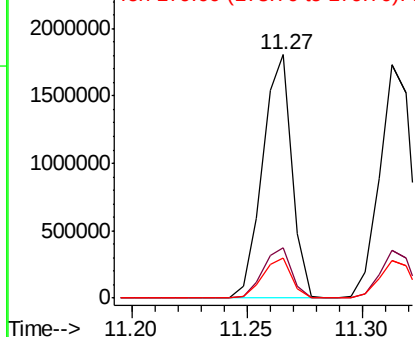


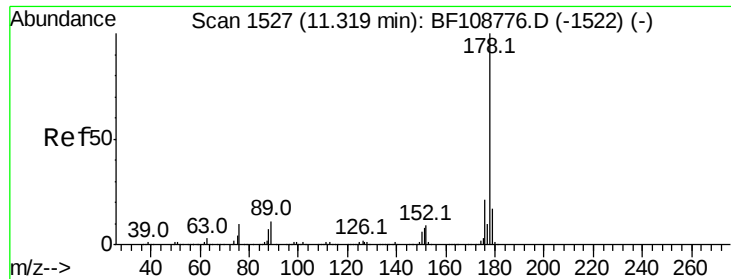
#70
 Phenanthrene
 Concen: 38.992 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:178 Resp: 1598593
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 16.2 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

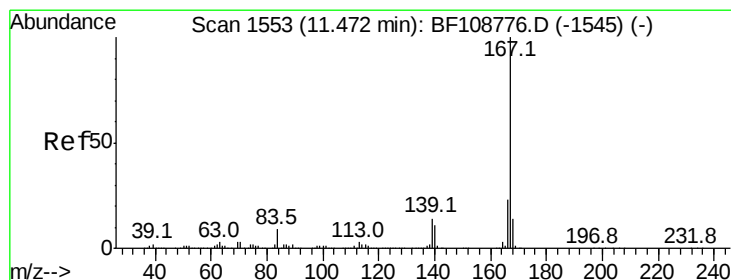
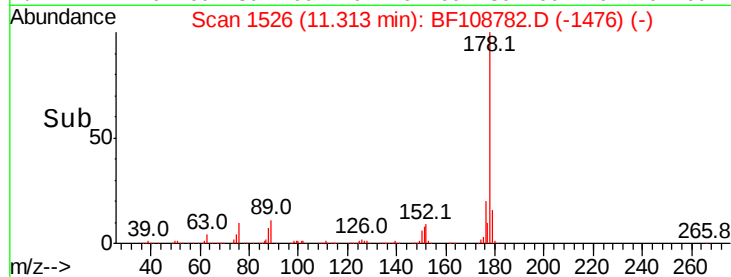
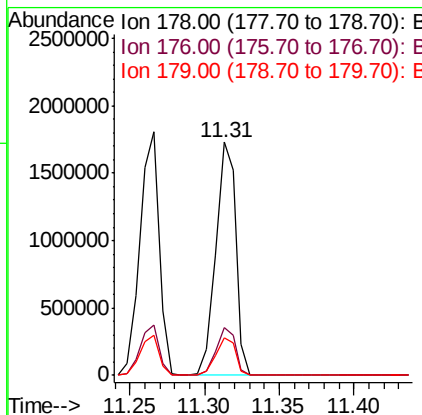
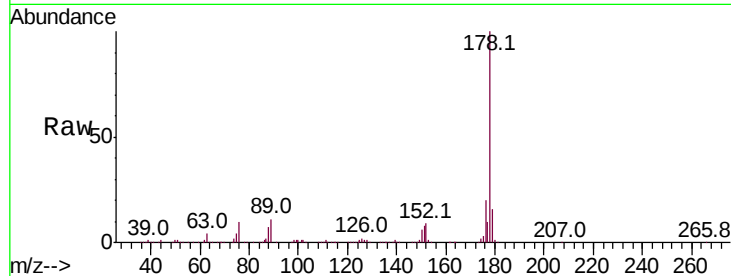




#71
 Anthracene
 Concen: 41.277 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

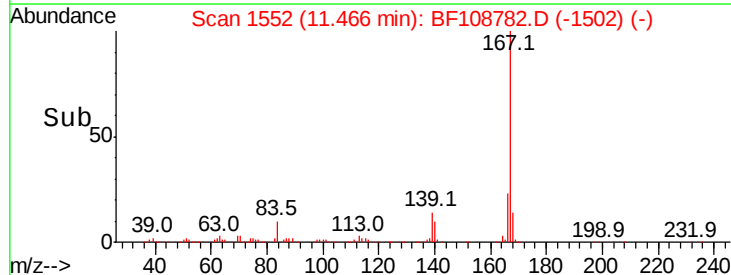
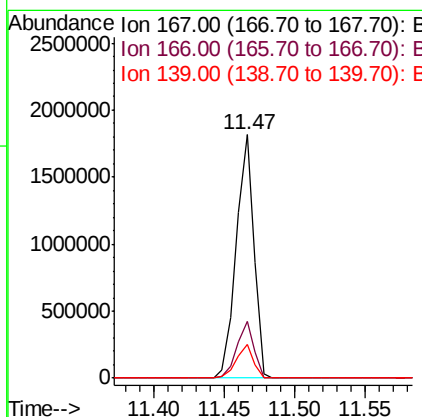
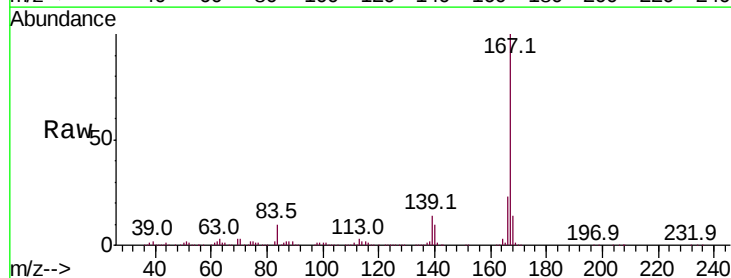
Instrument :
 BNA_F
 ClientSampleId :

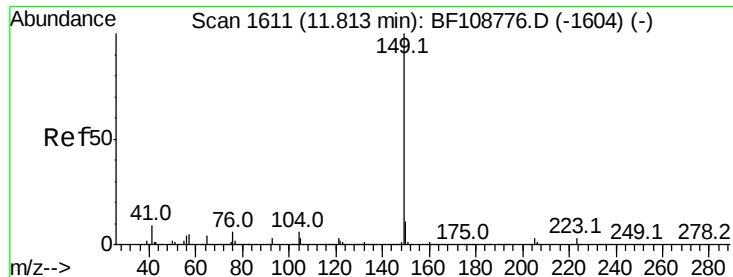
Tot Ion:178 Resp: 1620269
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 38.298 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:167 Resp: 1583233
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.744 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

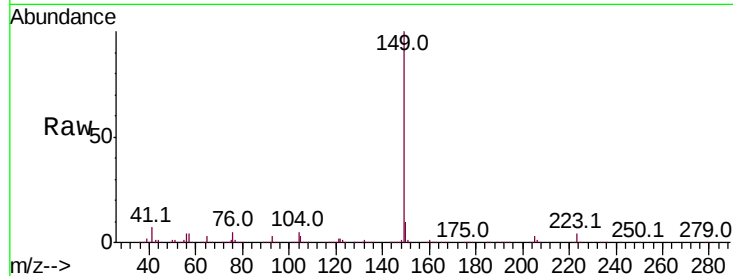
Tot Ion:149 Resp: 1824523

Ion Ratio Lower Upper

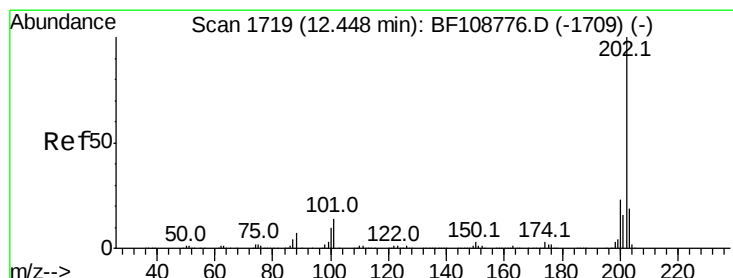
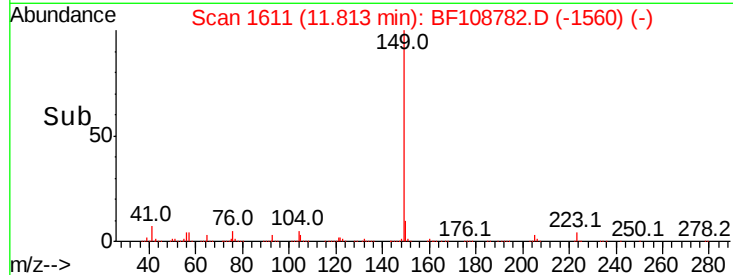
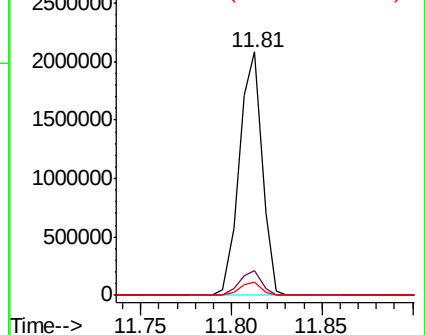
149 100

150 10.0 7.8 11.6

104 5.2 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: 39.226 ng

RT: 12.44 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

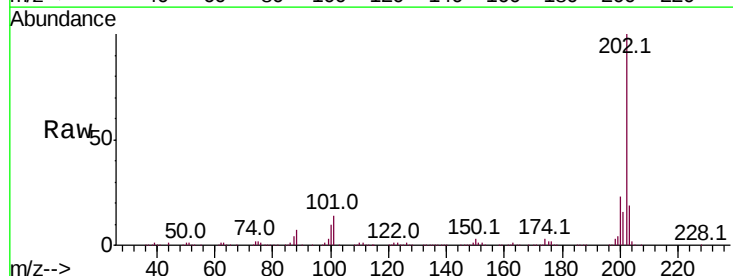
Tgt Ion:202 Resp: 1592261

Ion Ratio Lower Upper

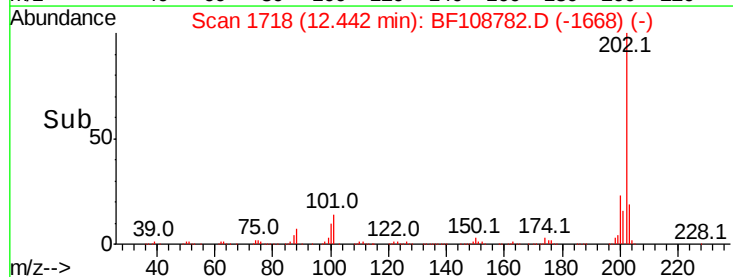
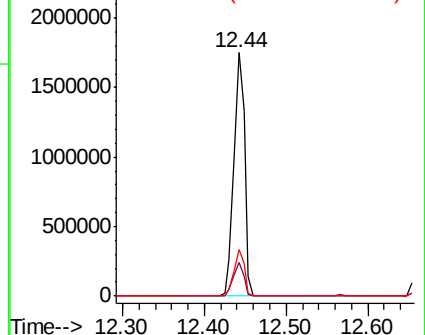
202 100

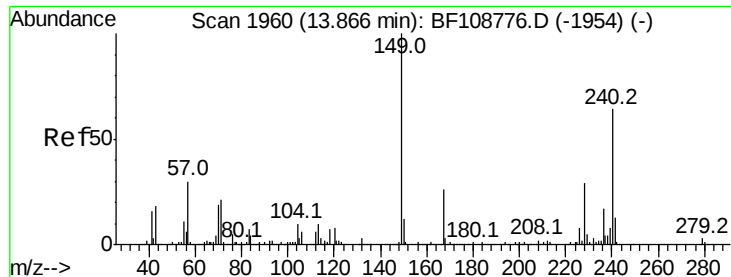
101 14.1 0.0 34.1

203 19.3 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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

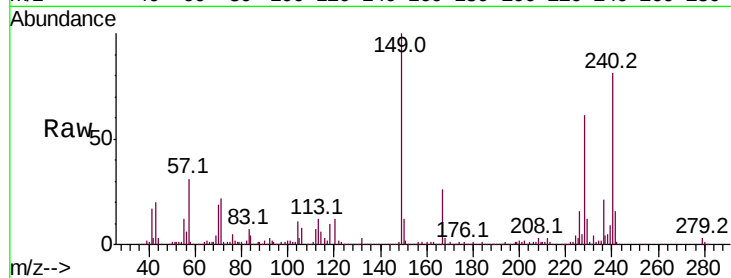
Tot Ion:240 Resp: 511696

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

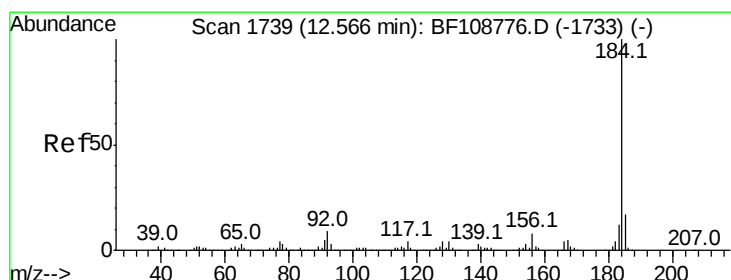
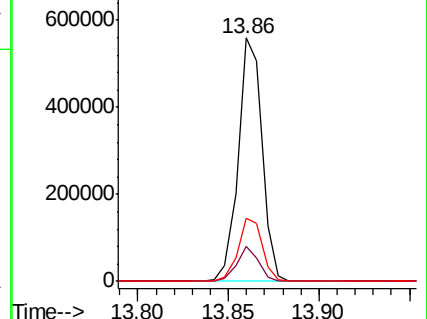
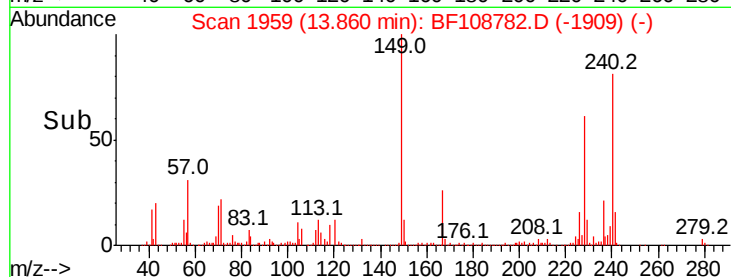
236 26.0 20.7 31.1



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: 39.497 ng

RT: 12.57 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

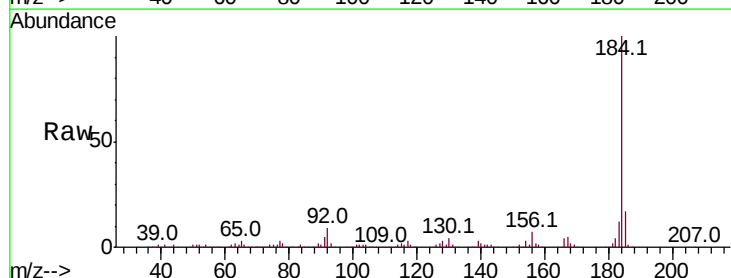
Tgt Ion:184 Resp: 957895

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

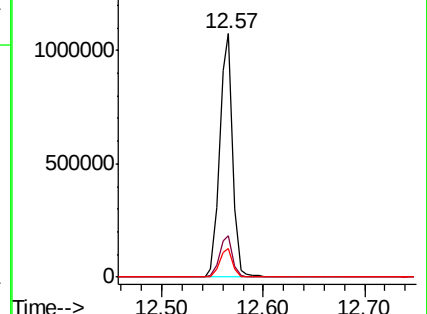
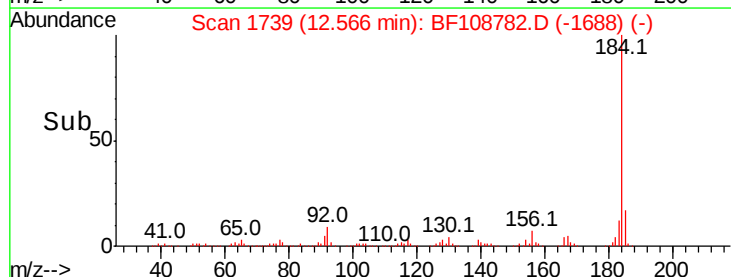
183 11.8 9.3 13.9

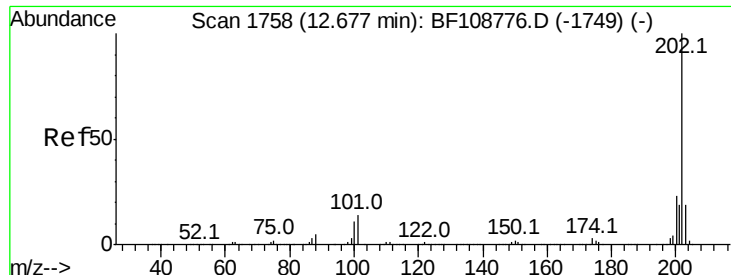


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

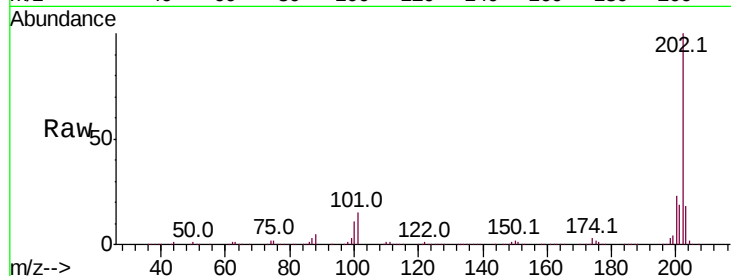




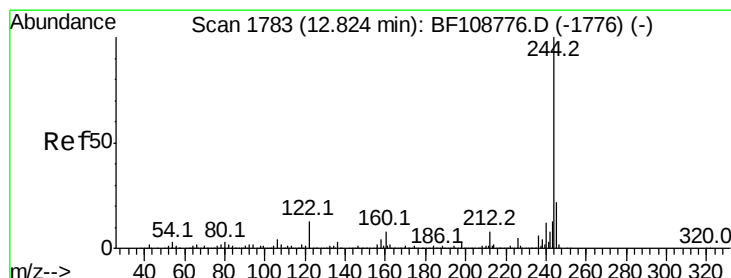
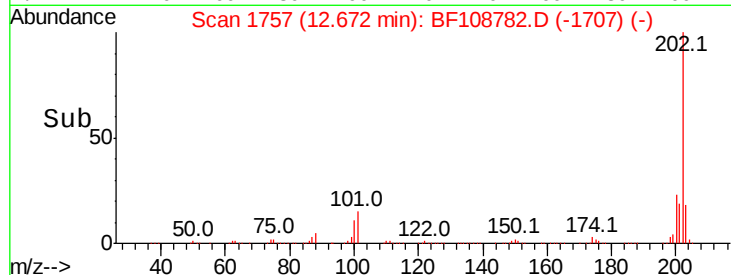
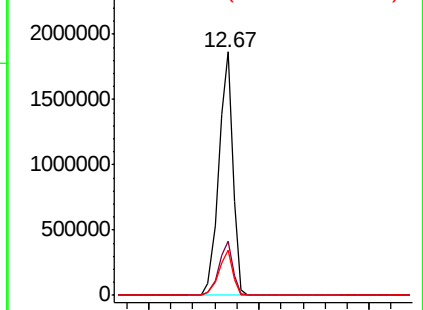
#77
Pvrene
Concen: 41.755 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1644067
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.4 14.3 21.5

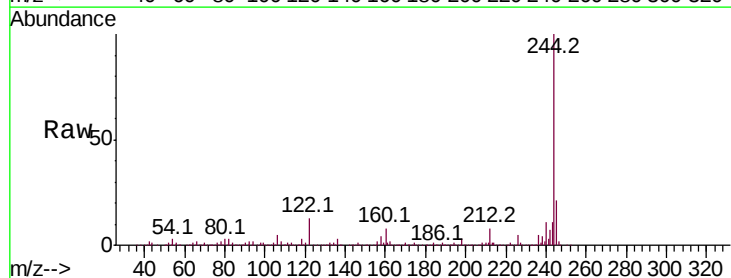


Abundance Ion 202.00 (201.70 to 202.70): E
2500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

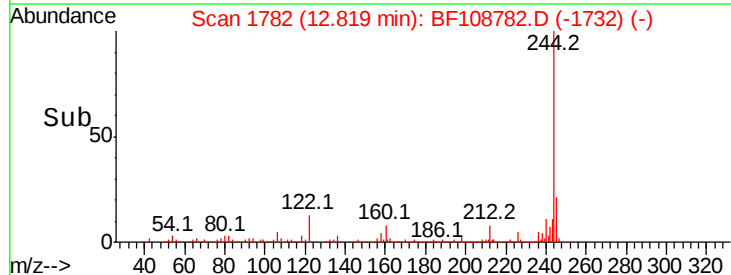
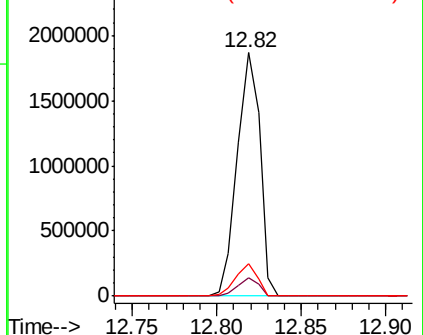


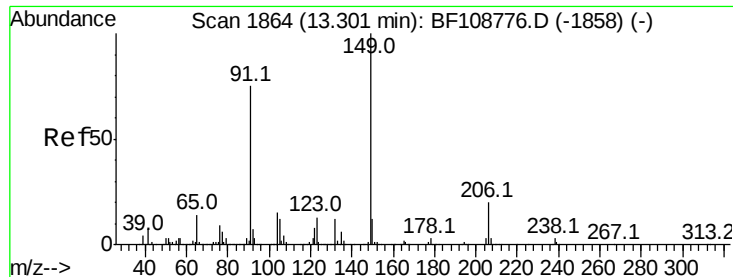
#78
Terphenyl-d14
Concen: 80.064 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:244 Resp: 1756858
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
2500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

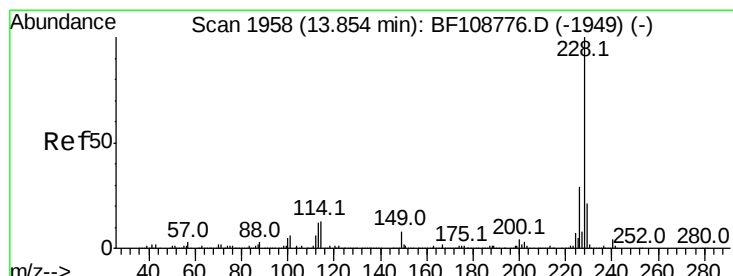
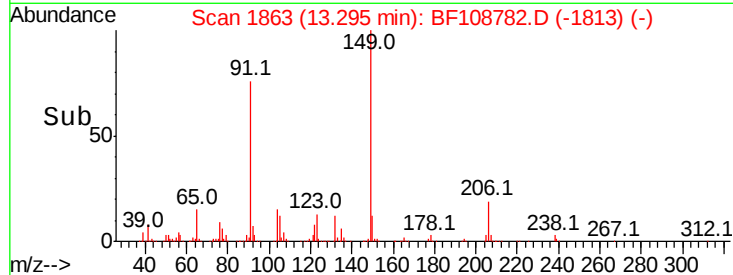
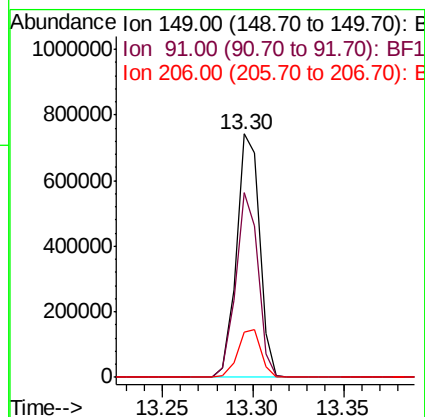
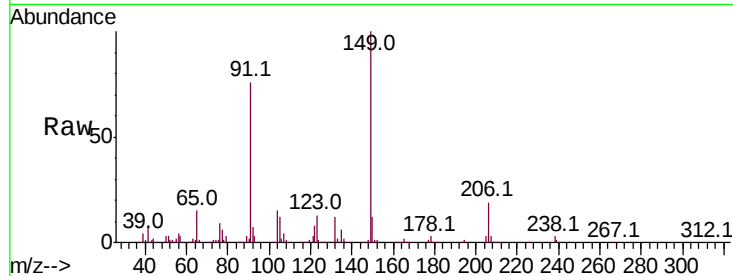




#79
Butylbenzylphthalate
Concen: 37.167 ng
RT: 13.30 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

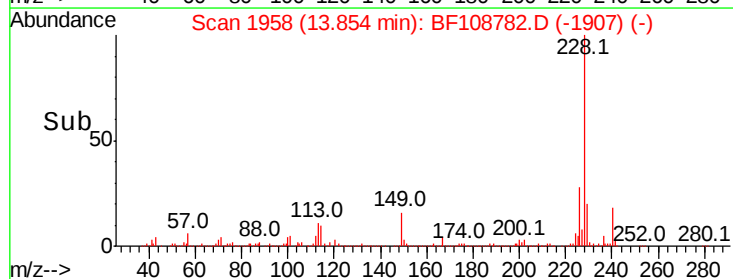
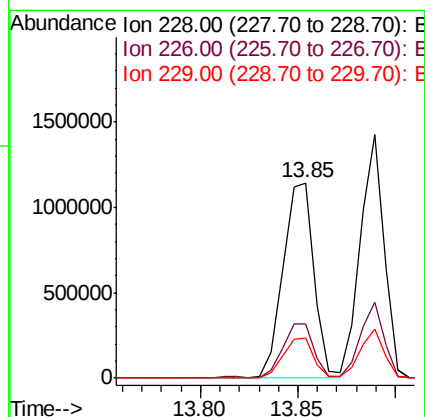
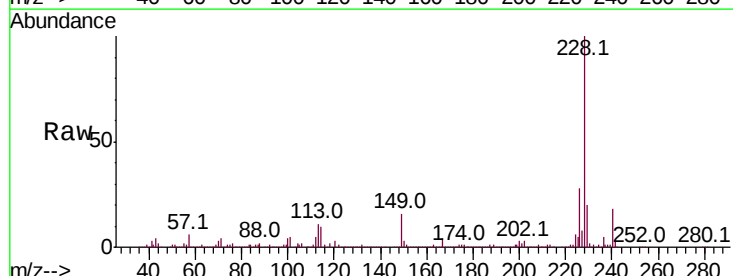
Instrument :
BNA_F
ClientSampled :

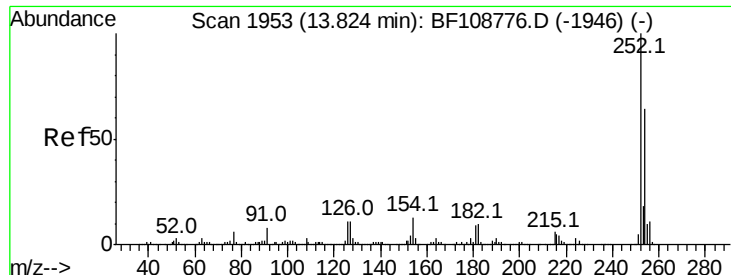
Tot Ion:149 Resp: 659017
Ion Ratio Lower Upper
149 100
91 75.9 56.8 85.2
206 18.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.390 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:228 Resp: 1259124
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.519 ng

RT: 13.82 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

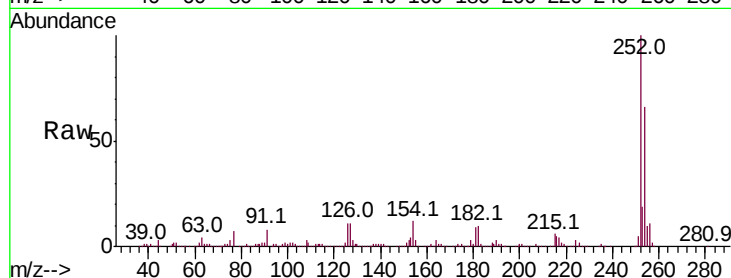
Tot Ion:252 Resp: 466645

Ion Ratio Lower Upper

252 100

254 66.2 50.4 75.6

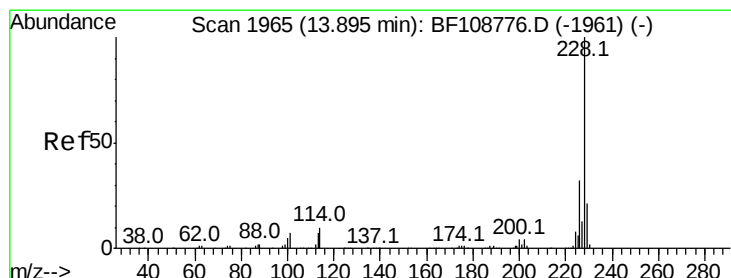
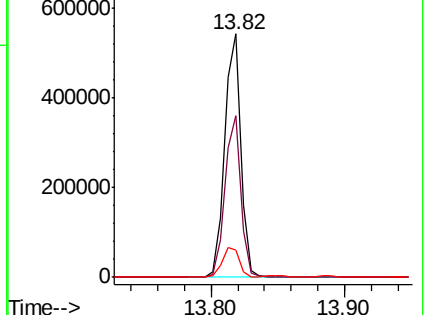
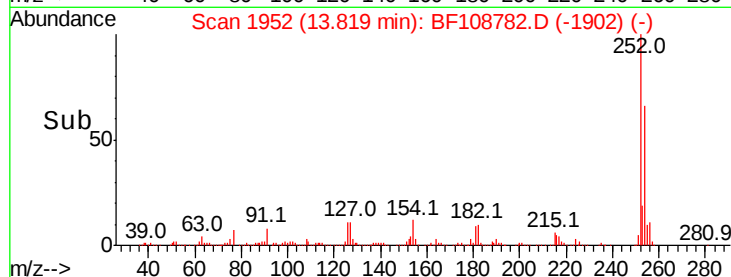
126 11.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.025 ng

RT: 13.89 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

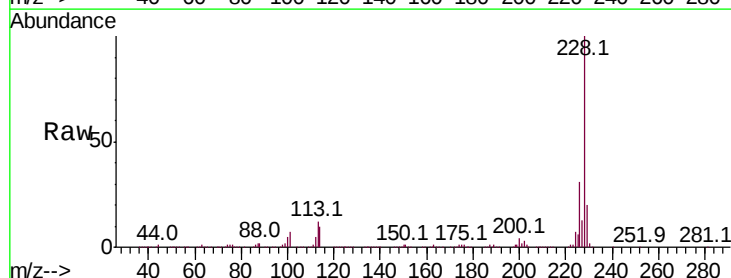
Tgt Ion:228 Resp: 1207332

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

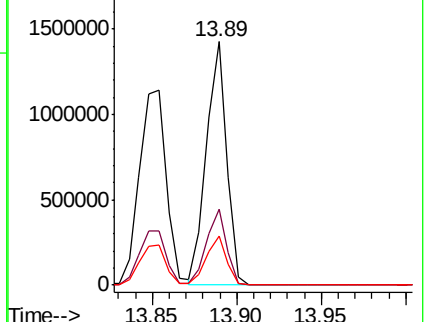
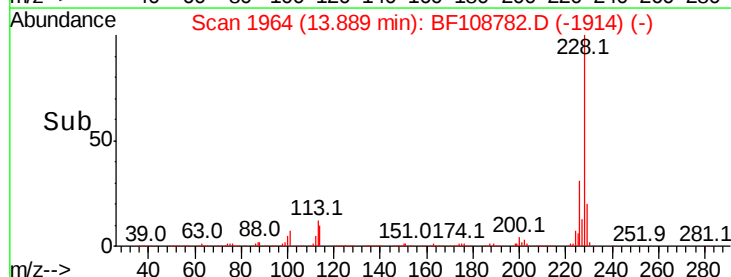
229 20.1 16.2 24.4

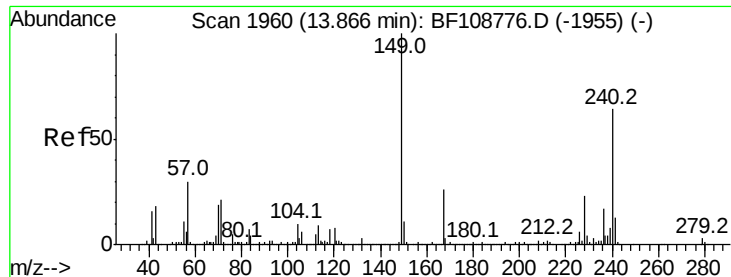


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

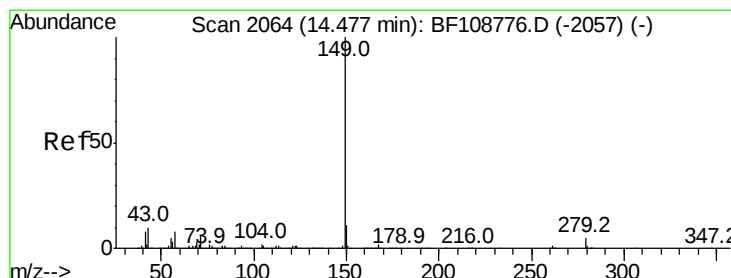
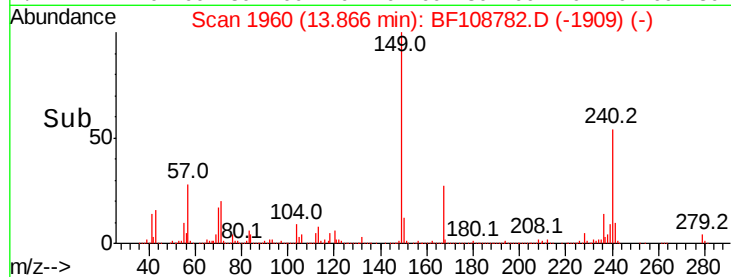
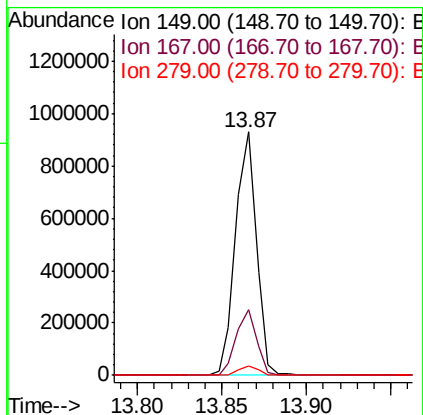
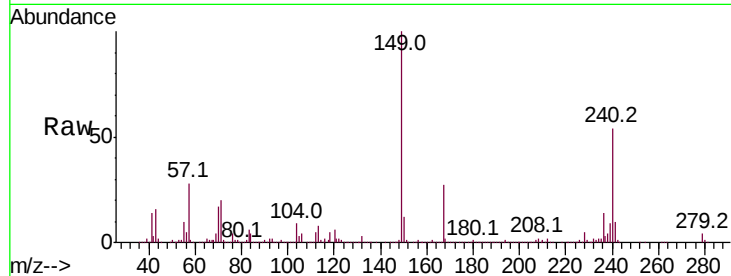




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.062 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

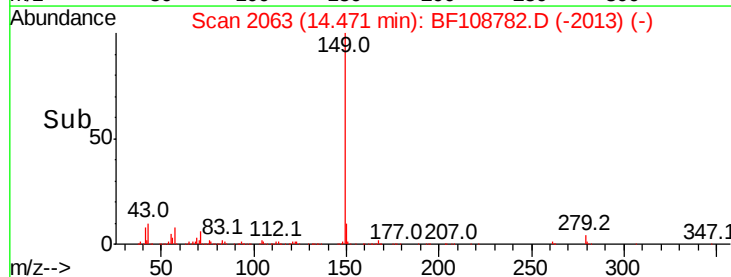
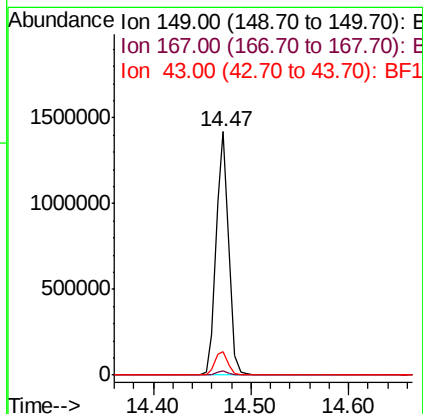
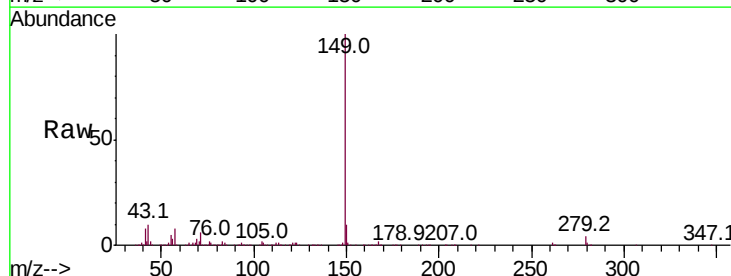
Instrument :
 BNA_F
 ClientSampleId :

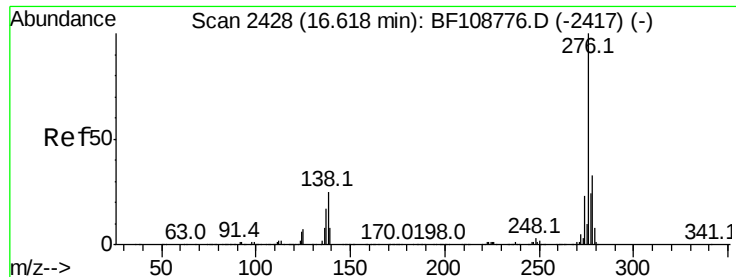
Tot Ion:149 Resp: 803562
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 33.486 ng
 RT: 14.47 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:149 Resp: 1244009
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.4 12.6

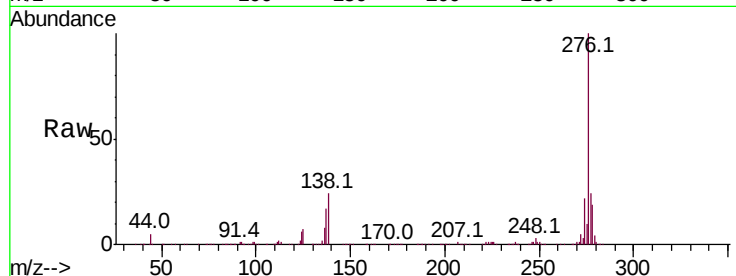




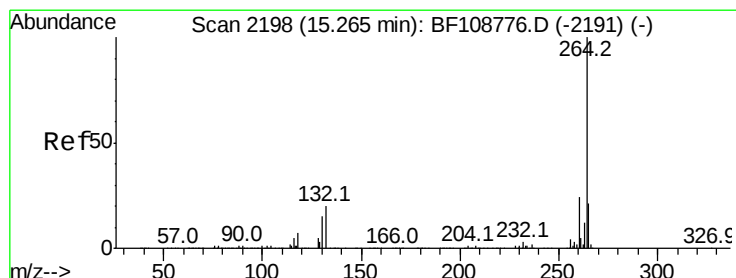
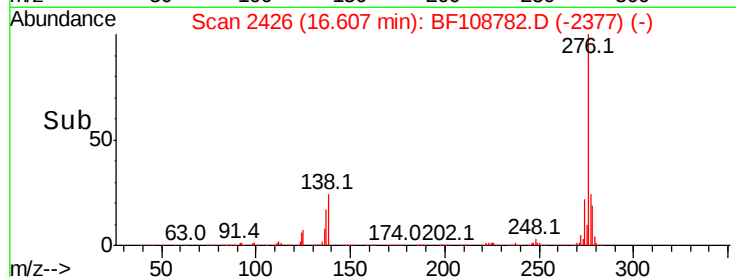
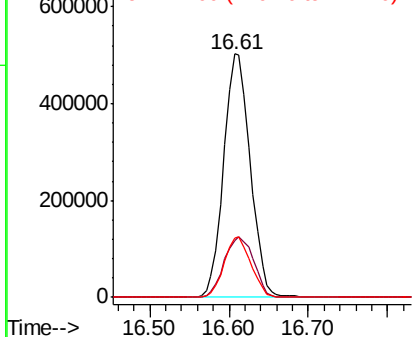
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.489 ng
 RT: 16.61 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1165798
 Ion Ratio Lower Upper
 276 100
 138 27.6 25.0 37.6
 277 25.1 20.1 30.1

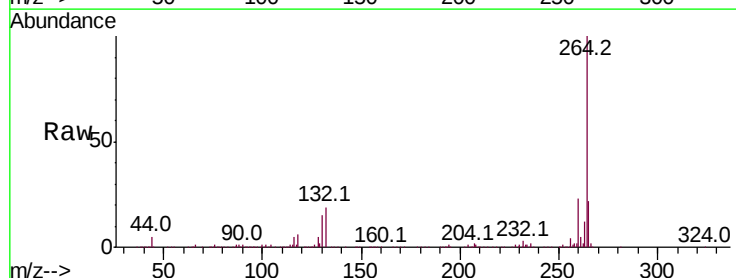


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

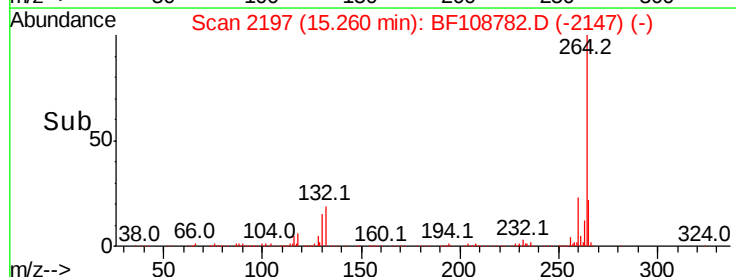
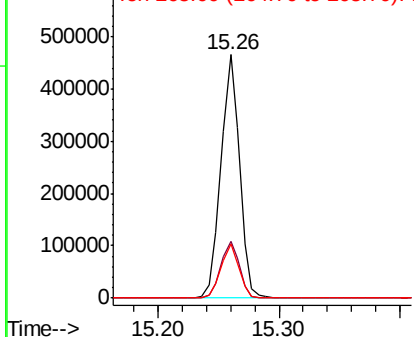


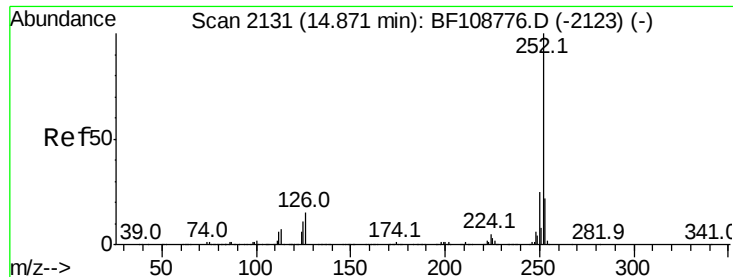
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BF108782.D
 Acq: 5 Sep 2018 18:52

Tgt Ion:264 Resp: 494840
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.1 17.5 26.3



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

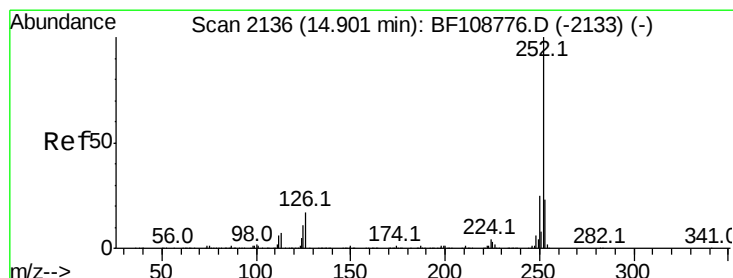
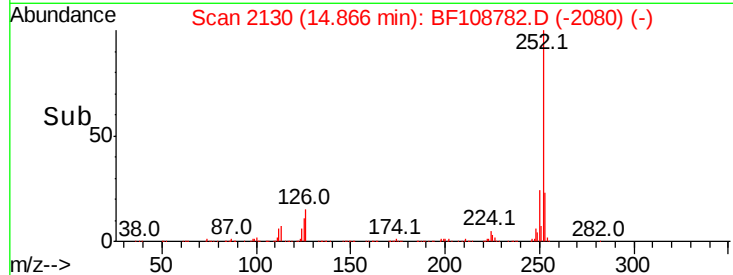
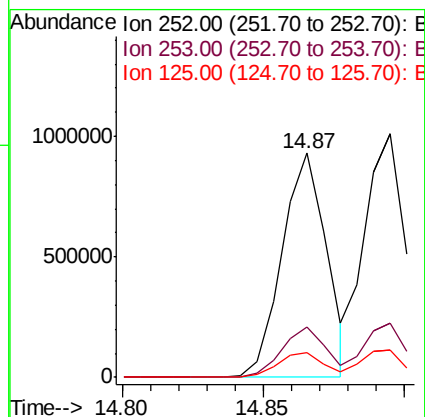
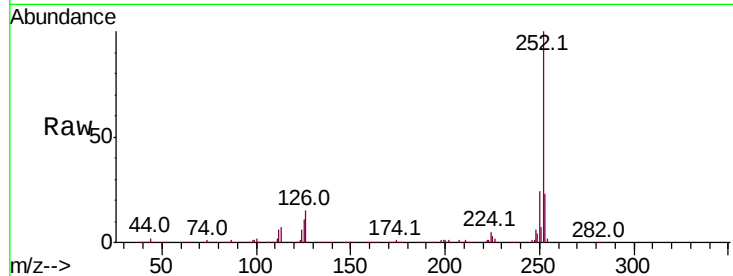




#87
Benzo(b)fluoranthene
Concen: 37.757 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

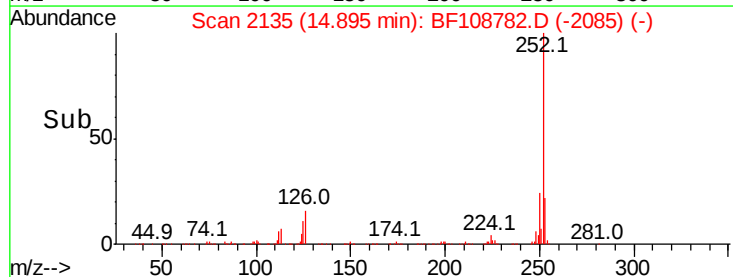
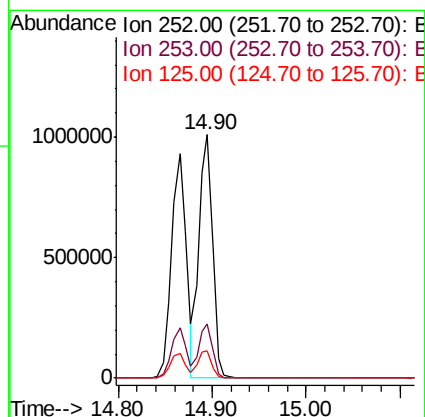
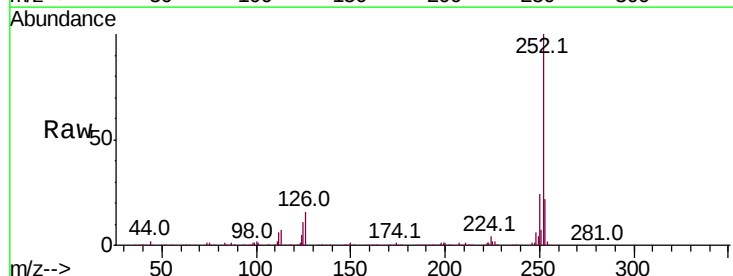
Instrument :
BNA_F
ClientSampled :

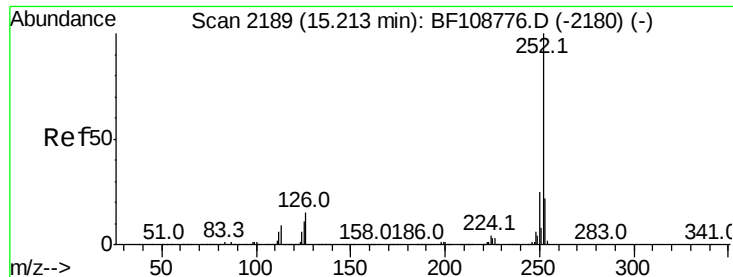
Tot Ion:252 Resp: 1015941
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.961 ng
RT: 14.90 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF108782.D
Acq: 5 Sep 2018 18:52

Tgt Ion:252 Resp: 1014958
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.266 ng

RT: 15.20 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampled :

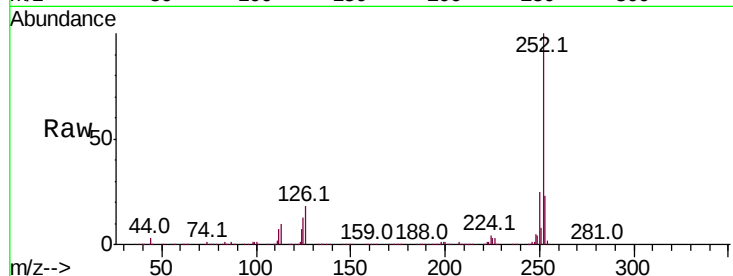
Tot Ion:252 Resp: 953325

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 13.1 9.8 14.6

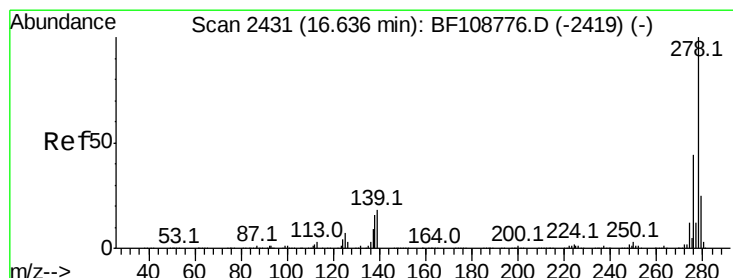
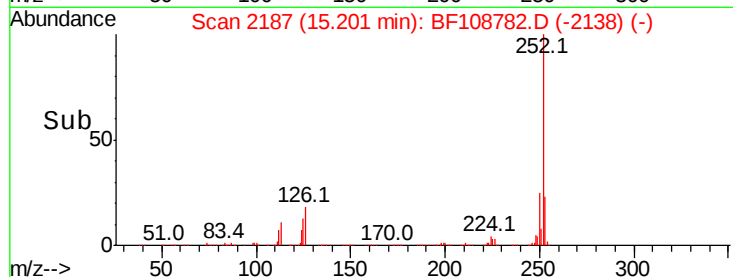
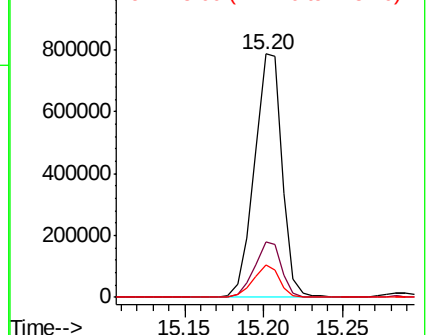


Abundance

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: 45.072 ng

RT: 16.63 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

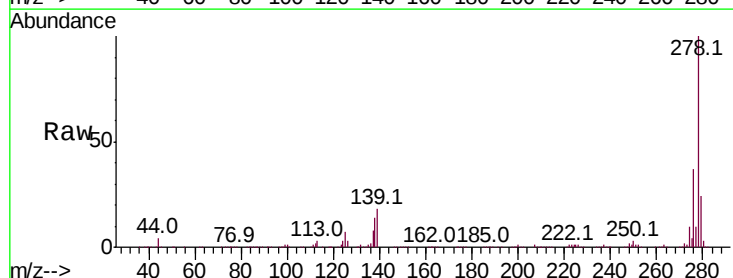
Tgt Ion:278 Resp: 964243

Ion Ratio Lower Upper

278 100

139 17.6 15.9 23.9

279 24.4 19.0 28.4

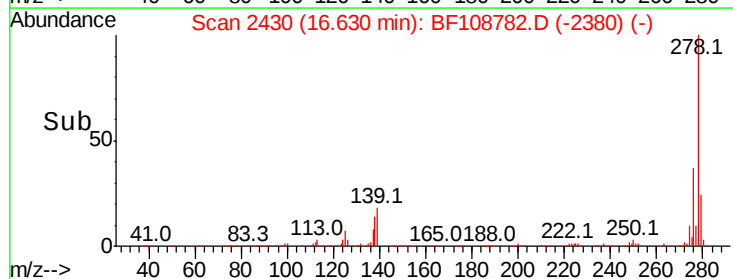
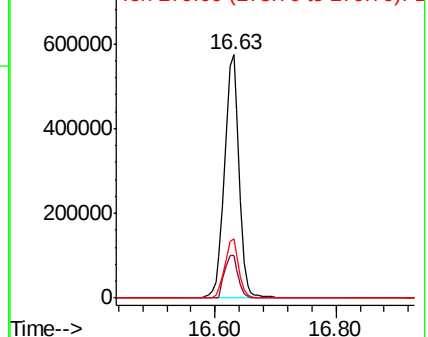


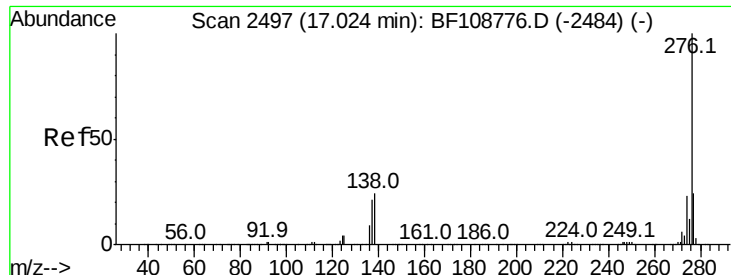
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.844 ng

RT: 17.02 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BF108782.D

Acq: 5 Sep 2018 18:52

Instrument :

BNA_F

ClientSampleId :

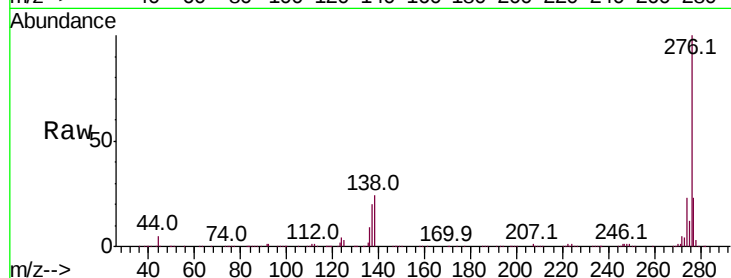
Tot Ion:276 Resp: 1003408

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.8 21.8 32.8



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

