

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108638.D
 Acq On : 30 Aug 2018 13:27
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 13:49:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	126089	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	522661	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	270608	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	558243	20.00	ng	0.00
75) Chrysene-d12	14.21	240	347795	20.00	ng	0.00
86) Perylene-d12	15.76	264	271119	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1151643	165.36	ng	0.00
7) Phenol-d6	6.67	99	1546618	167.11	ng	0.02
23) Nitrobenzene-d5	7.58	82	1549923	165.48	ng	0.01
41) 2,4,6-Tribromophenol	10.85	330	537394	199.09	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2764386	164.01	ng	0.00
78) Terphenyl-d14	13.14	244	2788515	203.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.91	88	258391	72.204	ng	90
3) Pyridine	3.70	79	618331	67.075	ng	86
4) n-Nitrosodimethylamine	3.68	42	300276	57.888	ng	# 81
6) Aniline	6.70	93	878681	69.799	ng	# 82
8) 2-Chlorophenol	6.81	128	668872	85.273	ng	96
9) Benzaldehyde	6.57	77	332195	46.296	ng	96
10) Phenol	6.68	94	922377	96.351	ng	# 67
11) bis(2-Chloroethyl)ether	6.75	93	767766	99.202	ng	94
12) 1,3-Dichlorobenzene	6.95	146	786429	86.710	ng	99
13) 1,4-Dichlorobenzene	7.02	146	844092	92.631	ng	98
14) 1,2-Dichlorobenzene	7.18	146	737234	86.978	ng	99
15) Benzyl Alcohol	7.16	79	589912	75.715	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1162180	72.892	ng	53
17) 2-Methylphenol	7.27	107	549217	81.648	ng	# 73
18) Hexachloroethane	7.51	117	287718	88.688	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	527921	84.353	ng	95
20) 3+4-Methylphenols	7.42	107	651520	75.583	ng	# 61
22) Acetophenone	7.42	105	977151	79.956	ng	# 83
24) Nitrobenzene	7.60	77	809018	85.416	ng	93
25) Isophorone	7.84	82	1346573	75.426	ng	97
26) 2-Nitrophenol	7.91	139	373647	104.462	ng	# 84
27) 2,4-Dimethylphenol	7.94	122	520821	65.730	ng	95
28) bis(2-Chloroethoxy)methane	8.03	93	820489	78.726	ng	99
29) 2,4-Dichlorophenol	8.15	162	633470	86.874	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	687422	85.506	ng	97
31) Naphthalene	8.31	128	1835680	77.228	ng	98
32) Benzoic acid	8.13	122	335639	79.880	ng	88
33) 4-Chloroaniline	8.37	127	815650	78.741	ng	97
34) Hexachlorobutadiene	8.41	225	447754	87.977	ng	99
35) Caprolactam	8.78	113	143759	62.912	ng	# 73
36) 4-Chloro-3-methylphenol	8.86	107	669837	85.153	ng	96
37) 2-Methylnaphthalene	9.00	142	1248922	74.265	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	721447	86.816	ng	97
40) Hexachlorocyclopentadiene	9.14	237	326801	60.884	ng	99

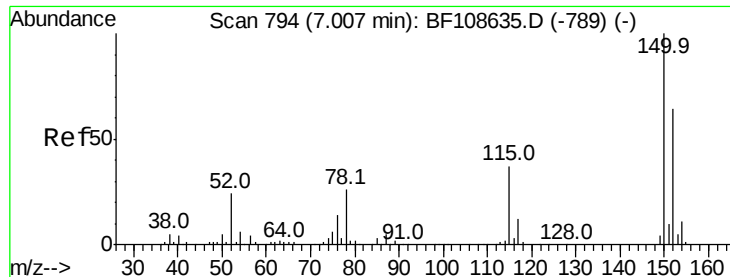
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	455303	88.291	nq	99
43) 2,4,5-Trichlorophenol	9.34	196	482921	85.070	nq	95
45) 1,1'-Biphenyl	9.47	154	1701650	85.288	nq	98
46) 2-Chloronaphthalene	9.50	162	1353003	85.800	nq	99
47) 2-Nitroaniline	9.61	65	470340	92.181	nq	85
48) Acenaphthylene	9.92	152	1914037	76.776	nq	98
49) Dimethylphthalate	9.78	163	1610617	85.444	nq	# 99
50) 2,6-Dinitrotoluene	9.85	165	352932	89.490	nq	# 87
51) Acenaphthene	10.09	154	1186542	77.707	nq	98
52) 3-Nitroaniline	10.03	138	383766	88.937	nq	94
53) 2,4-Dinitrophenol	10.13	184	142679	115.112	nq	# 26
54) Dibenzofuran	10.27	168	1767729	79.908	nq	96
55) 4-Nitrophenol	10.21	139	215551	65.967	nq	82
56) 2,4-Dinitrotoluene	10.26	165	445962	87.849	nq	# 80
57) Fluorene	10.61	166	1398223	79.842	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	416674	87.818	nq	# 86
59) Diethylphthalate	10.47	149	1549757	84.903	nq	95
60) 4-Chlorophenyl-phenylether	10.59	204	797884	87.438	nq	95
61) 4-Nitroaniline	10.67	138	350694	82.204	nq	88
62) Azobenzene	10.75	77	1521883	80.734	nq	92
64) 4,6-Dinitro-2-methylphenol	10.68	198	208499	108.361	nq	88
65) n-Nitrosodiphenylamine	10.72	169	1378335	83.553	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	521237	85.919	nq	# 88
67) Hexachlorobenzene	11.15	284	564324	88.410	nq	# 88
68) Atrazine	11.24	200	279395	50.496	nq	97
69) Pentachlorophenol	11.35	266	319058	104.431	nq	96
70) Phenanthrene	11.58	178	2025676	76.933	nq	99
71) Anthracene	11.63	178	2089606	77.431	nq	97
72) Carbazole	11.79	167	2010366	83.846	nq	98
73) Di-n-butylphthalate	12.09	149	2276920	83.839	nq	# 98
74) Fluoranthene	12.77	202	2142703	74.564	nq	95
76) Benzidine	13.14	184	40435	3.112	nq	98
77) Pyrene	13.01	202	2155457	97.891	nq	98
79) Butylbenzylphthalate	13.59	149	887487	101.504	nq	94
80) Benzo(a)anthracene	14.19	228	1603440	80.333	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	490905	68.628	nq	# 98
82) Chrysene	14.24	228	1500372	81.992	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	1111463	93.872	nq	99
84) Di-n-octyl phthalate	14.77	149	1538291	85.189	nq	95
85) Indeno(1,2,3-cd)pyrene	17.40	276	1209108	76.259	nq	# 89
87) Benzo(b)fluoranthene	15.29	252	1193316	73.659	nq	# 95
88) Benzo(k)fluoranthene	15.33	252	1246335	83.691	nq	# 95
89) Benzo(a)pyrene	15.69	252	1144171	78.870	nq	97
90) Dibenzo(a,h)anthracene	17.41	278	1010018	84.146	nq	# 93
91) Benzo(g,h,i)perylene	17.89	276	1002092	84.784	nq	# 88

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

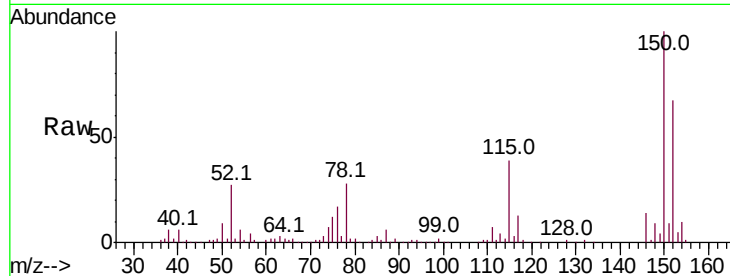


#1

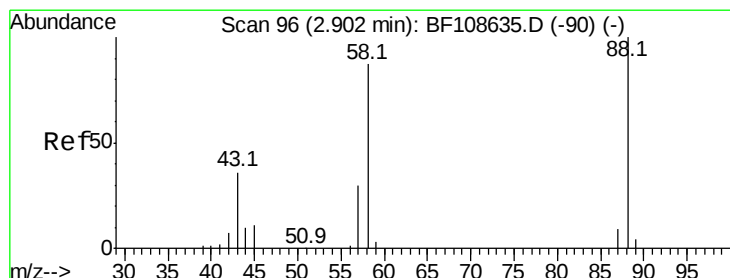
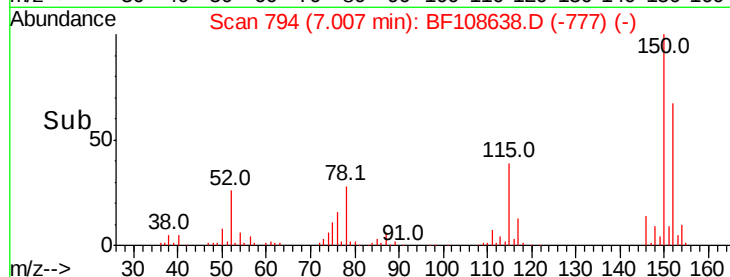
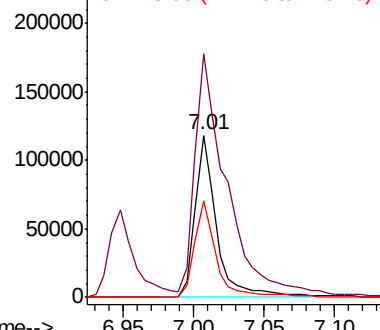
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126089
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 59.2 50.1 75.1



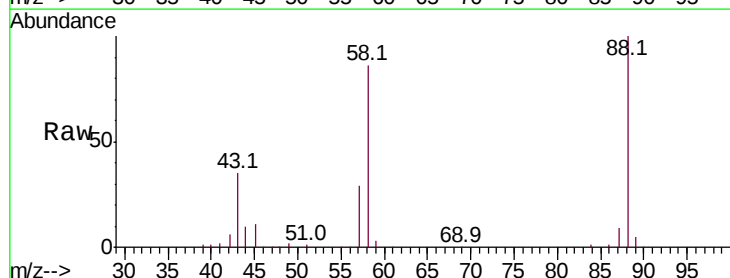
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



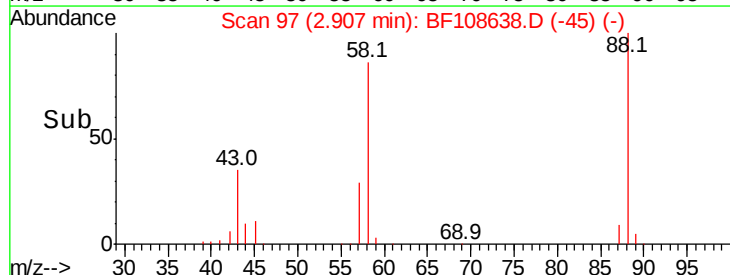
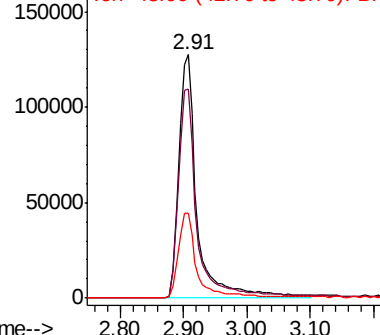
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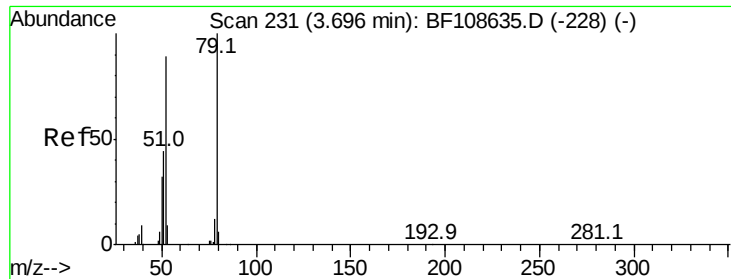
1,4-Dioxane
Concen: 72.204 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion: 88 Resp: 258391
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 35.4 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: 67.075 ng

RT: 3.70 min Scan# 231

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

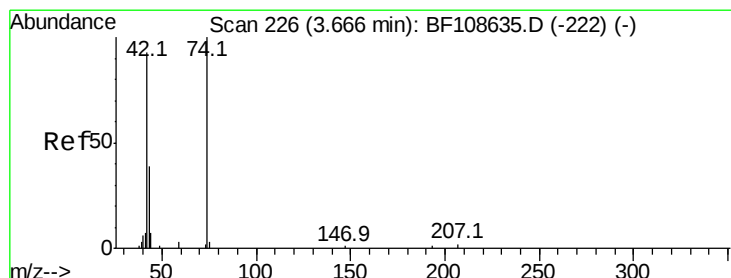
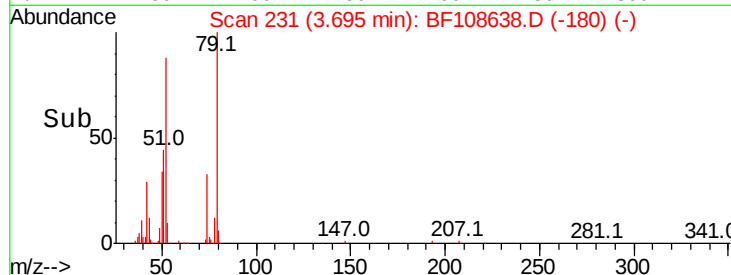
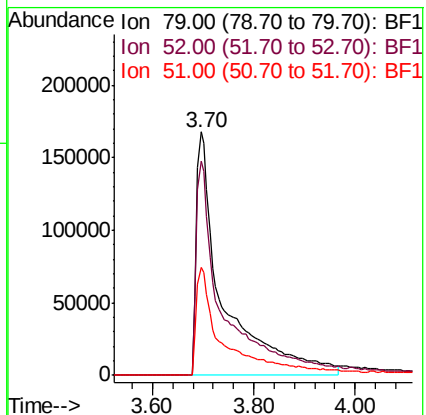
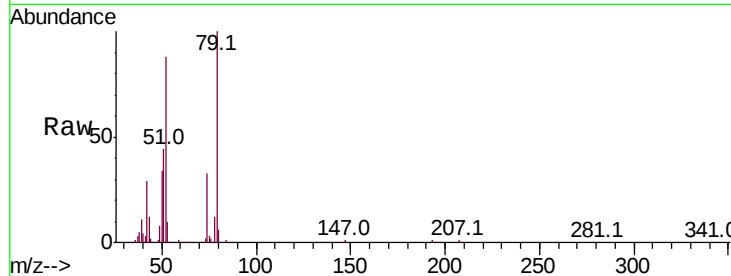
Tot Ion: 79 Resp: 618331

Ion Ratio Lower Upper

79 100

52 88.0 59.8 89.6

51 44.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 57.888 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.02 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

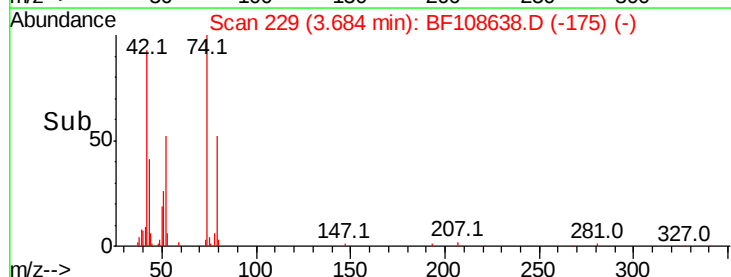
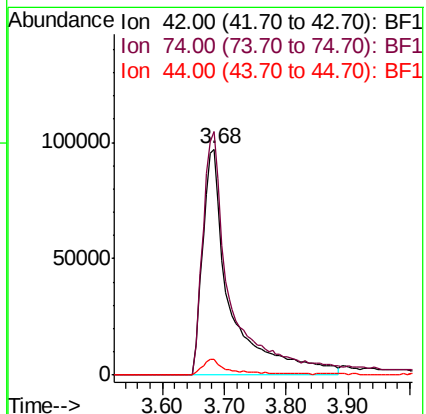
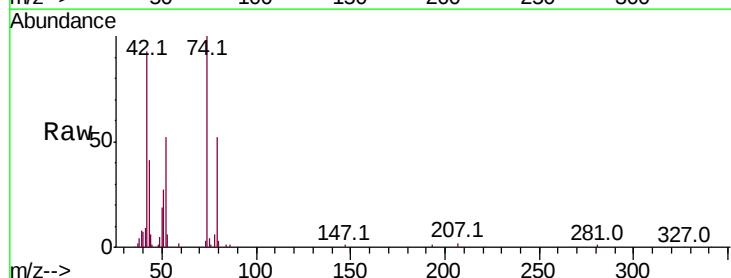
Tgt Ion: 42 Resp: 300276

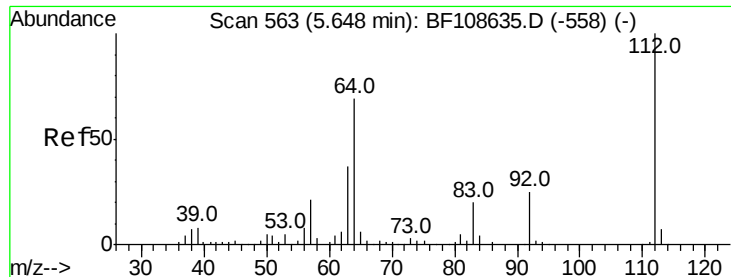
Ion Ratio Lower Upper

42 100

74 107.7 104.9 157.3

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 165.359 ng

RT: 5.65 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

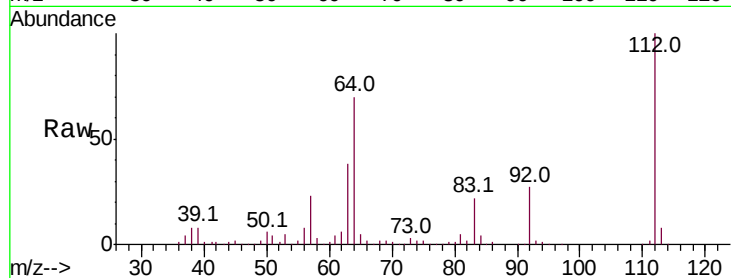
Tot Ion:112 Resp: 1151643

Ion Ratio Lower Upper

112 100

64 70.2 47.9 71.9

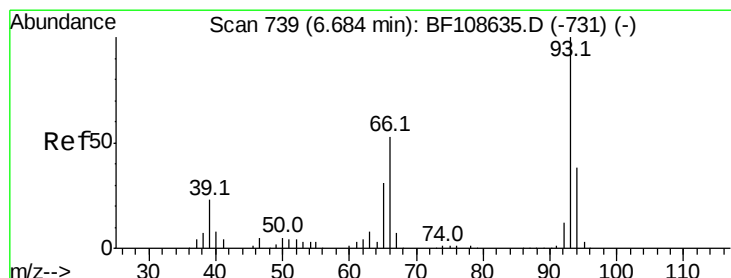
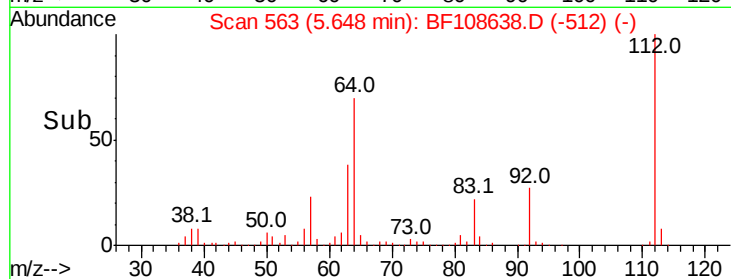
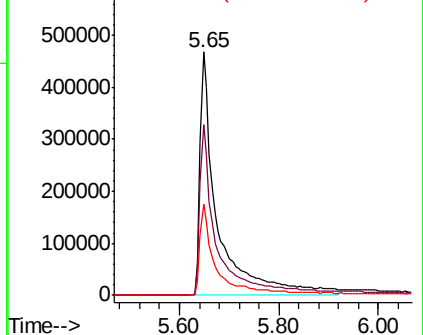
63 37.5 23.7 35.5#



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: 69.799 ng

RT: 6.70 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

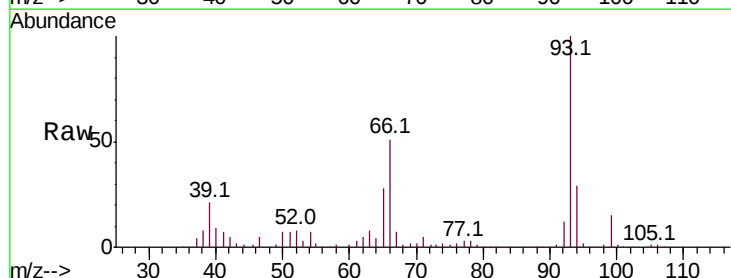
Tgt Ion: 93 Resp: 878681

Ion Ratio Lower Upper

93 100

66 51.4 32.2 48.2#

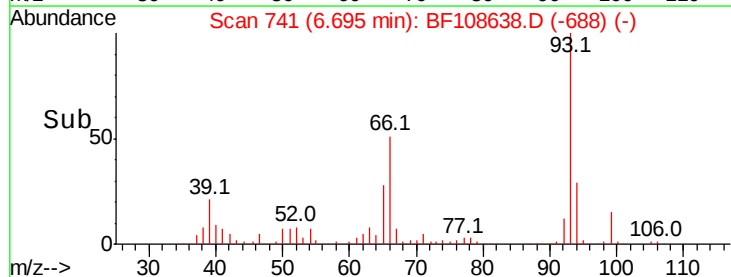
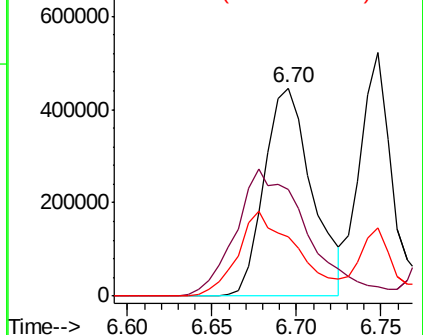
65 28.5 16.4 24.6#

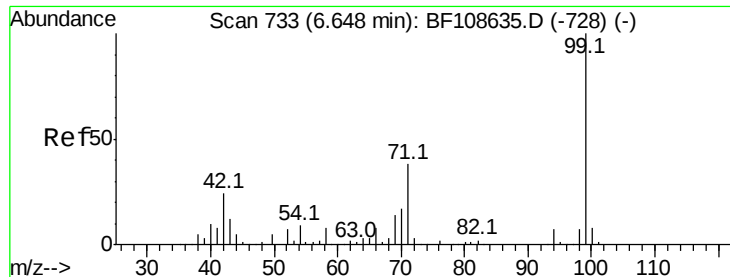


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 167.114 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

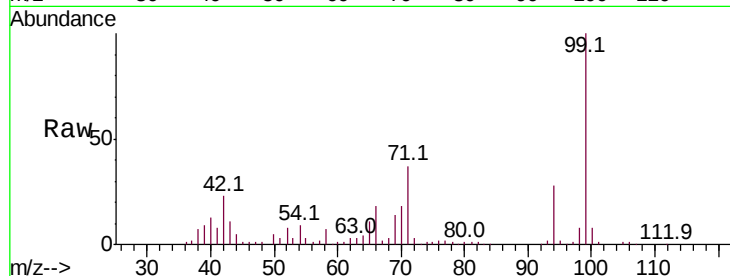
Instrument :

BNA_F

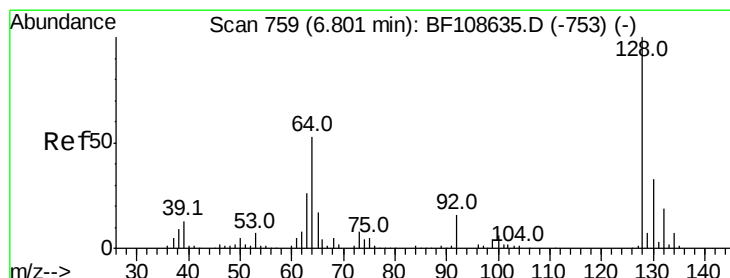
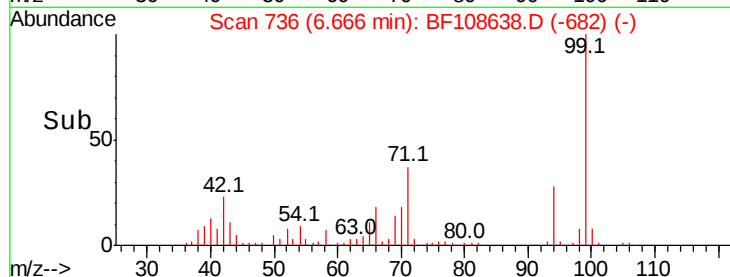
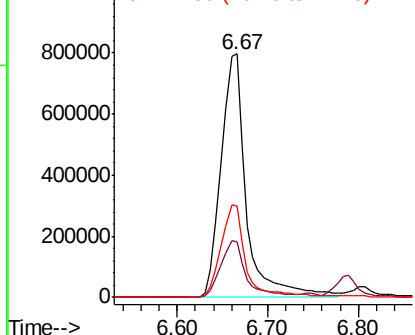
ClientSampleId :

Tot Ion: 99 Resp: 1546618

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	37.5	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: 85.273 ng

RT: 6.81 min Scan# 760

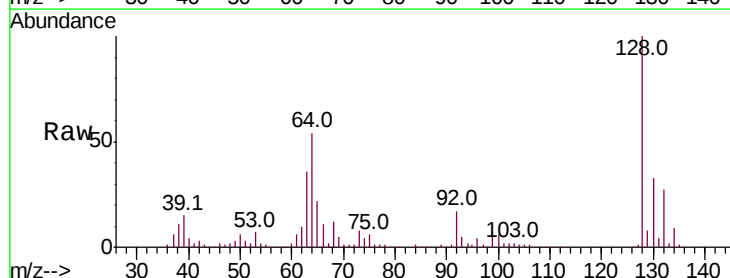
Delta R.T. 0.01 min

Lab File: BF108638.D

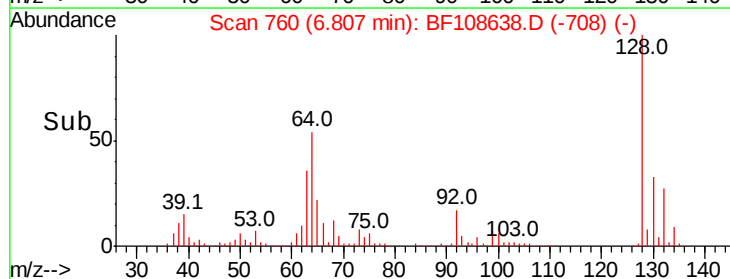
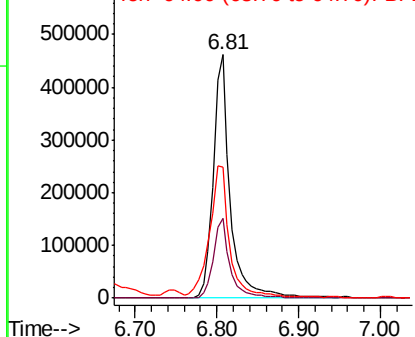
Acq: 30 Aug 2018 13:27

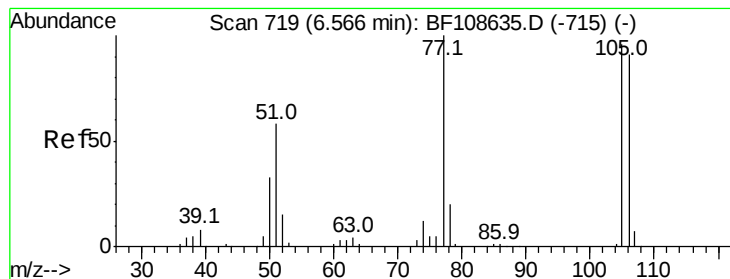
Tgt Ion:128 Resp: 668872

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	54.0	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: 46.296 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

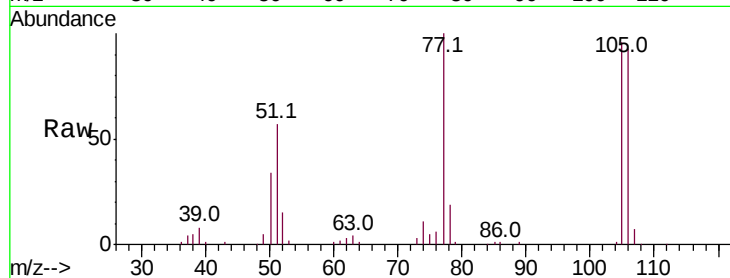
Tot Ion: 77 Resp: 332195

Ion Ratio Lower Upper

77 100

105 95.9 81.1 121.1

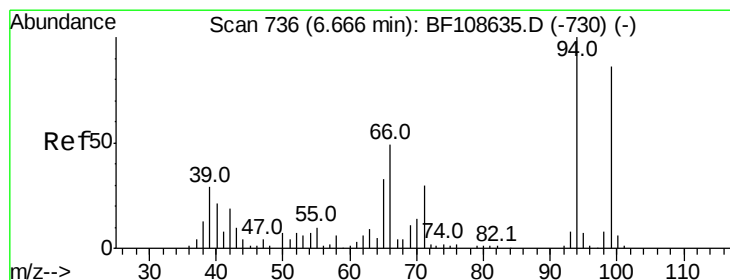
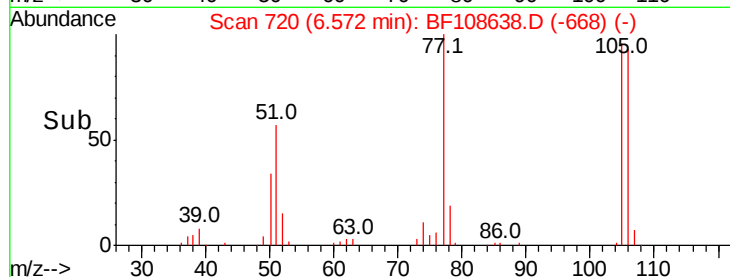
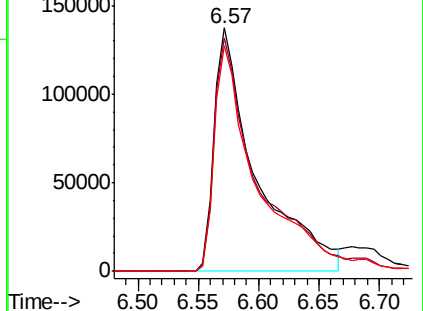
106 92.6 74.5 114.5



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: 96.351 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

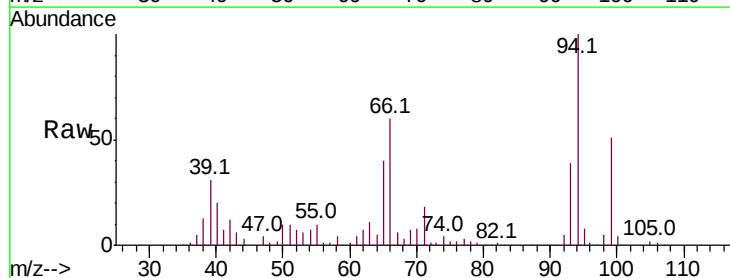
Tgt Ion: 94 Resp: 922377

Ion Ratio Lower Upper

94 100

65 40.3 7.9 47.9

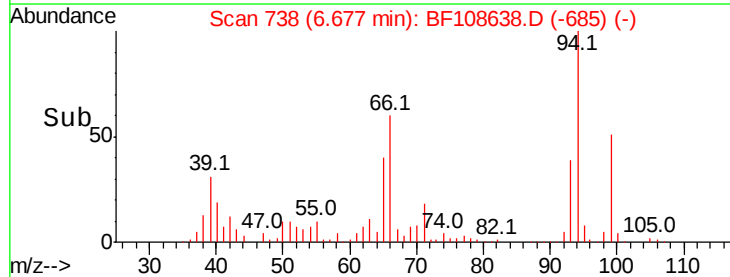
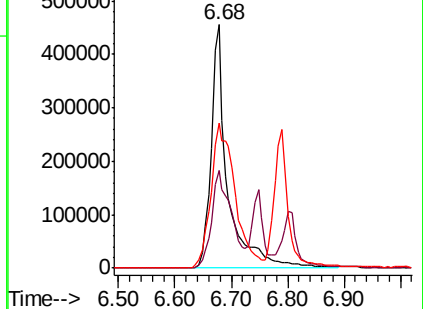
66 59.7 16.2 56.2#

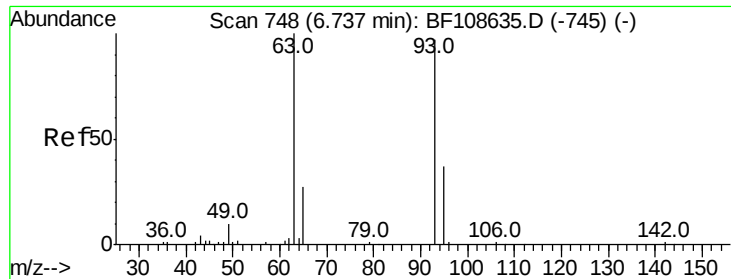


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

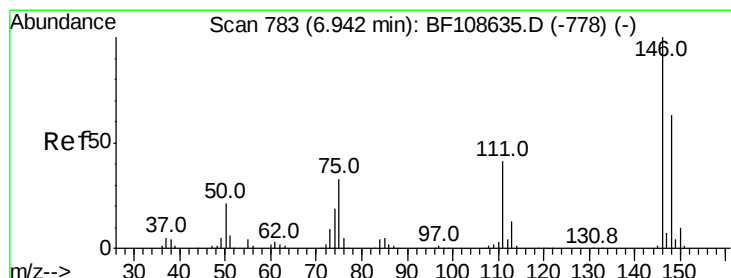
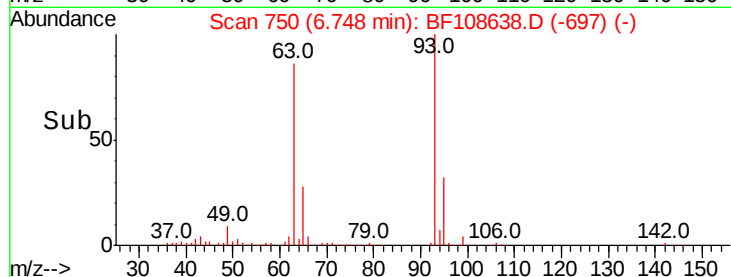
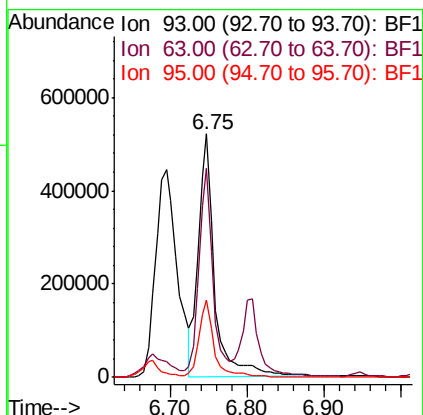
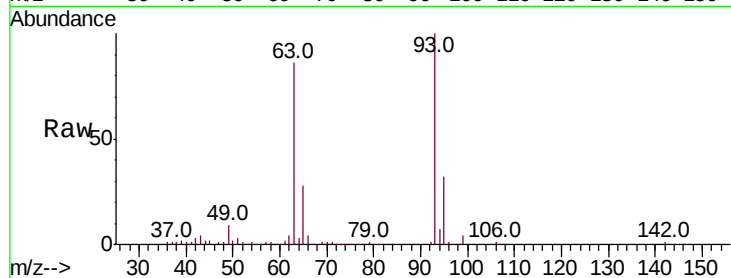




#11
bis(2-Chloroethyl)ether
Concen: 99.202 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

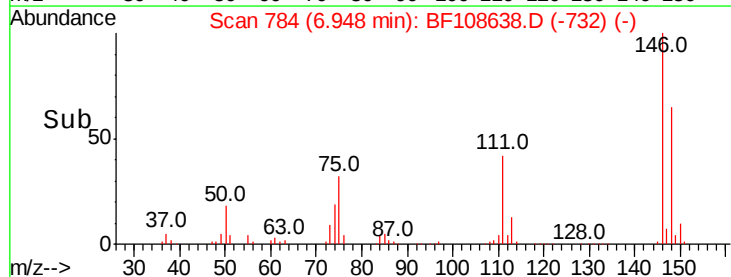
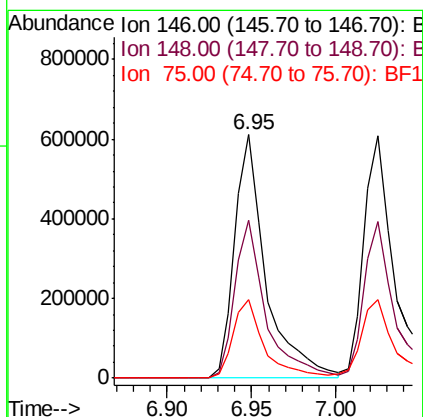
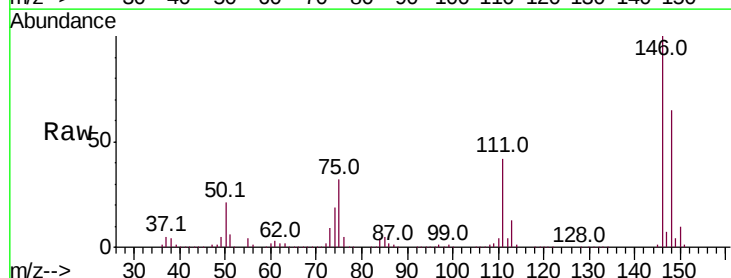
Instrument :
BNA_F
ClientSampleId :

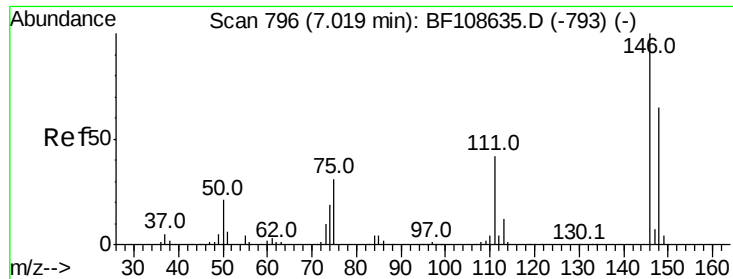
Tot Ion: 93 Resp: 767766
Ion Ratio Lower Upper
93 100
63 85.7 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 86.710 ng
RT: 6.95 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion: 146 Resp: 786429
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 32.5 24.2 36.4

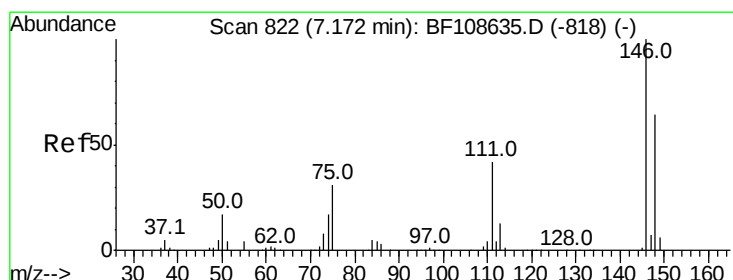
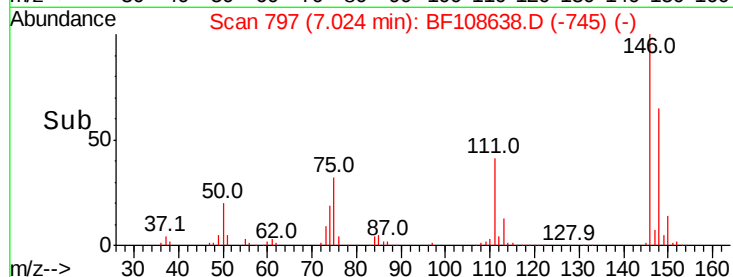
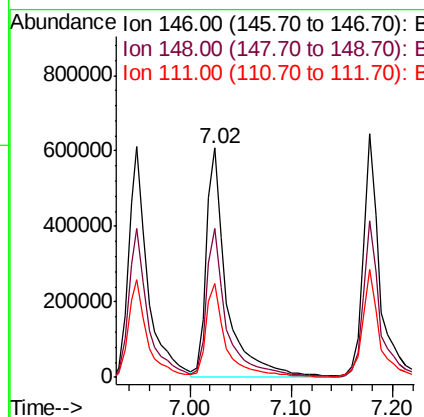
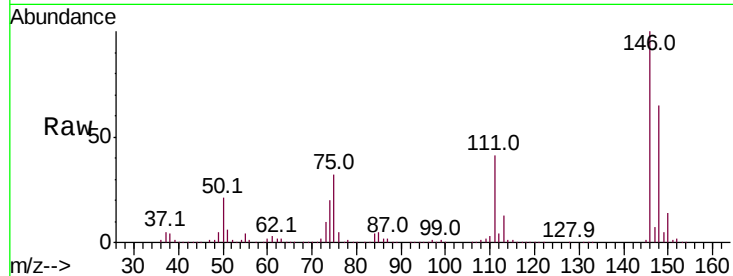




#13
 1,4-Dichlorobenzene
 Concen: 92.631 ng
 RT: 7.02 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

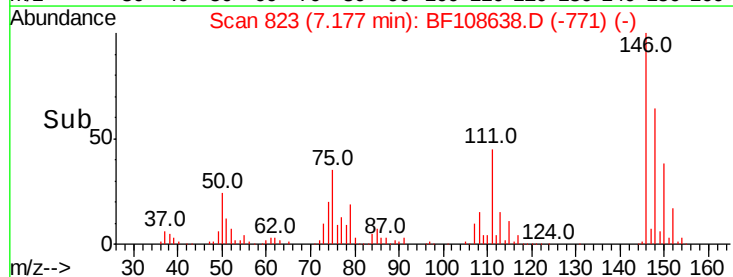
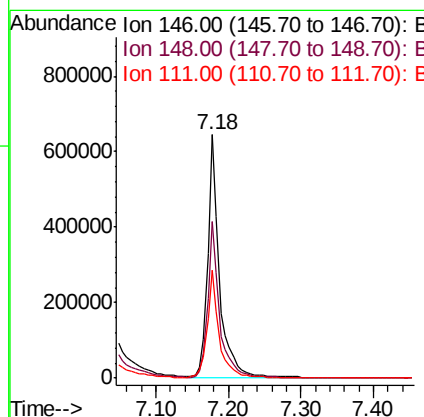
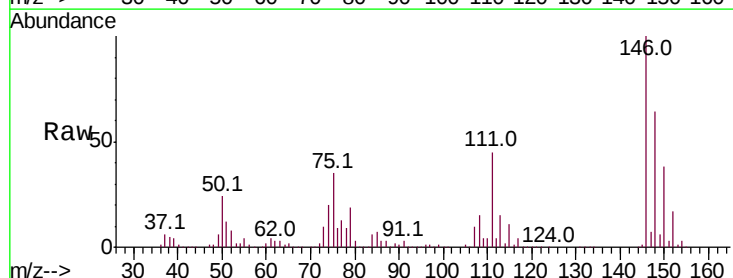
Instrument :
 BNA_F
 ClientSampleId :

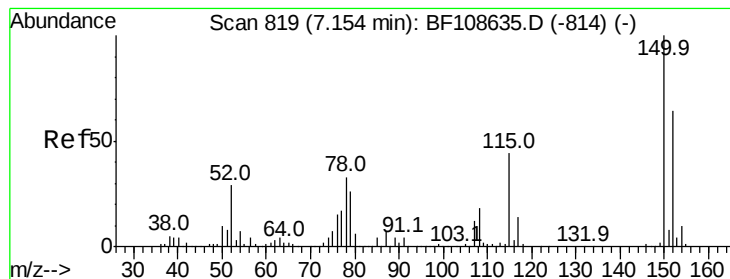
Tot Ion:146 Resp: 844092
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 40.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 86.978 ng
 RT: 7.18 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:146 Resp: 737234
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 44.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 75.715 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

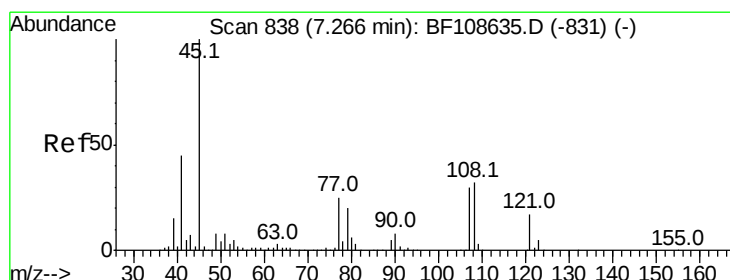
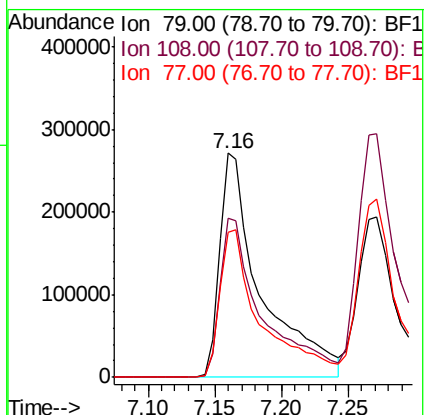
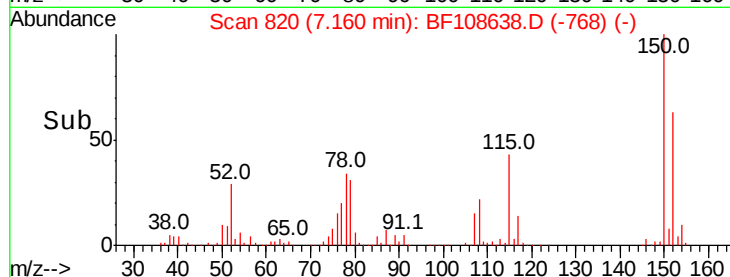
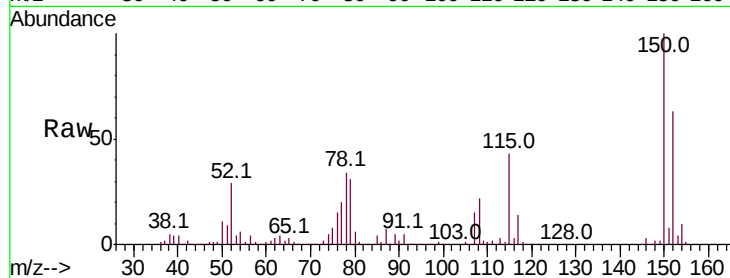
Tot Ion: 79 Resp: 589912

Ion Ratio Lower Upper

79 100

108 70.8 65.1 97.7

77 64.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.892 ng

RT: 7.27 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

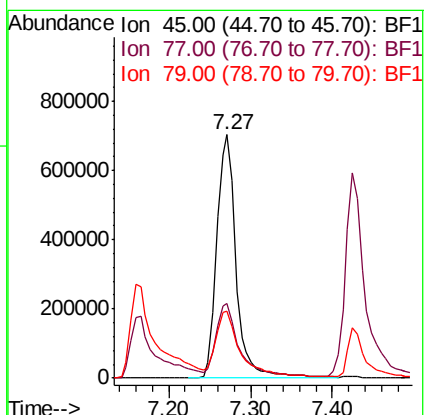
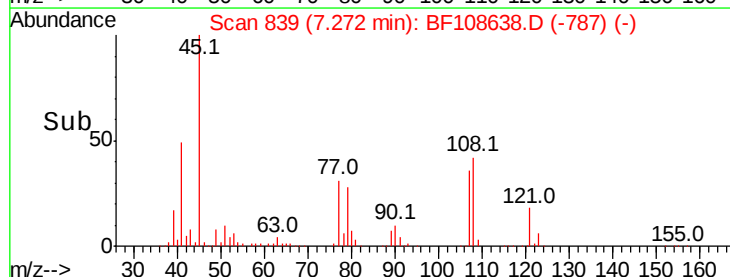
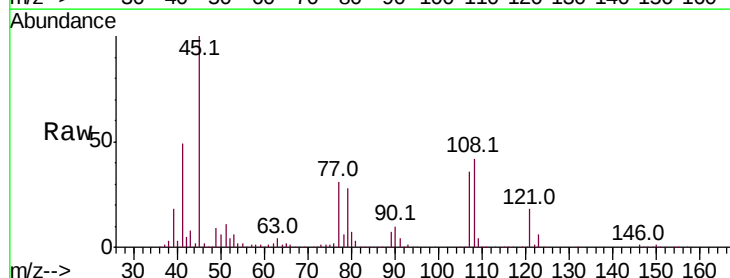
Tgt Ion: 45 Resp: 1162180

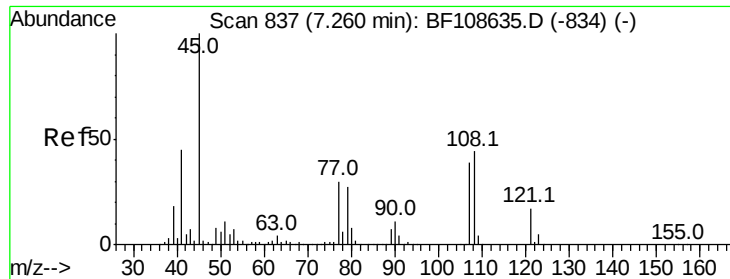
Ion Ratio Lower Upper

45 100

77 30.7 0.0 32.9

79 27.5 0.0 29.6





#17

2-Methylphenol

Concen: 81.648 ng

RT: 7.27 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF108638.D

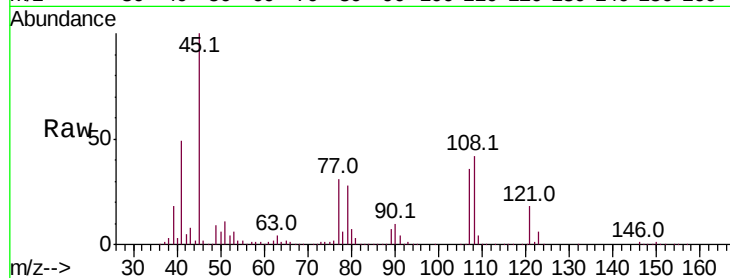
Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	549217
Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.7	137.5
77	85.3	33.8	50.8#
79	76.6	33.8	50.8#



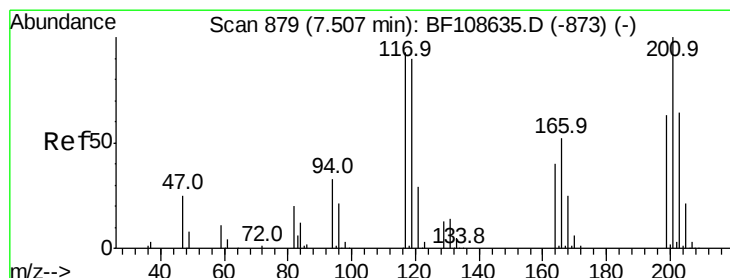
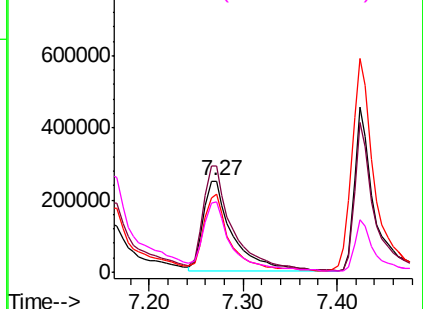
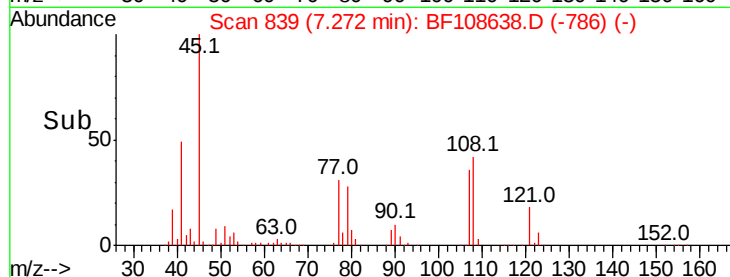
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 88.688 ng

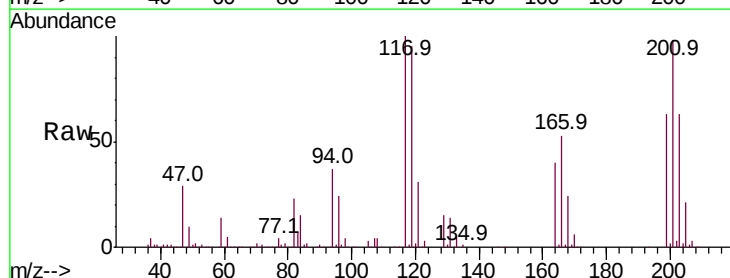
RT: 7.51 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Tgt Ion:	117	Resp:	287718
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	98.1	75.7	113.5

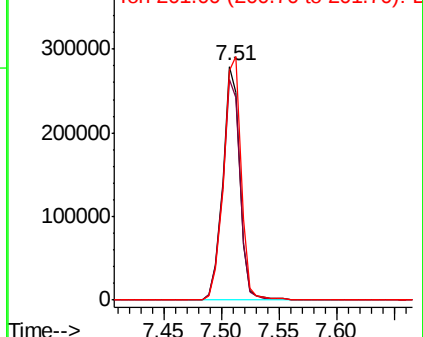
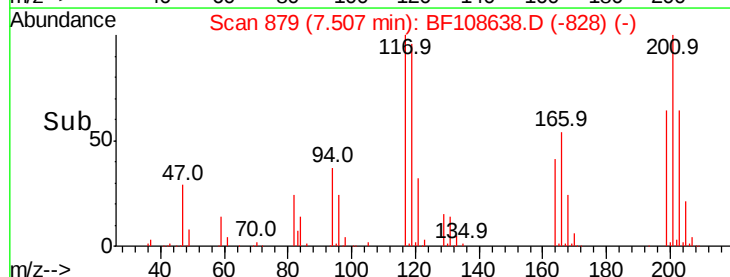


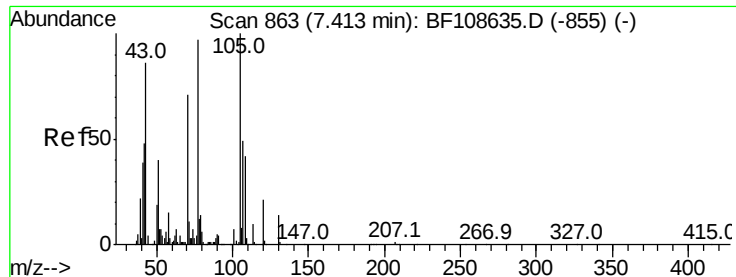
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

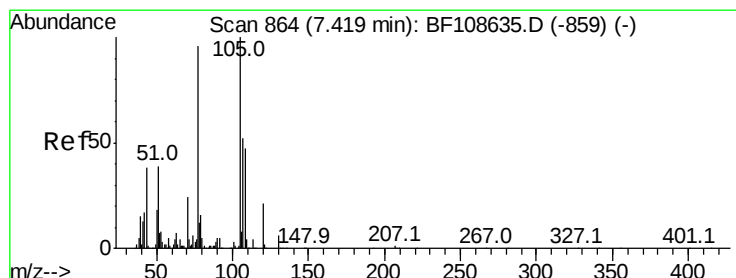
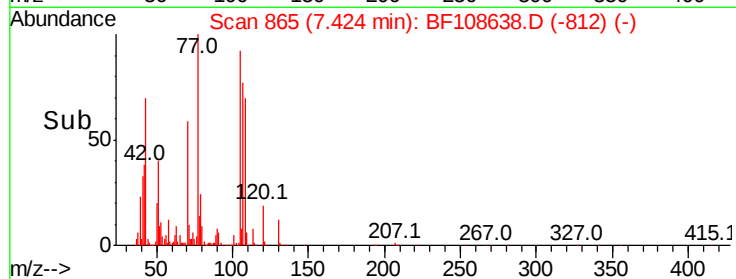
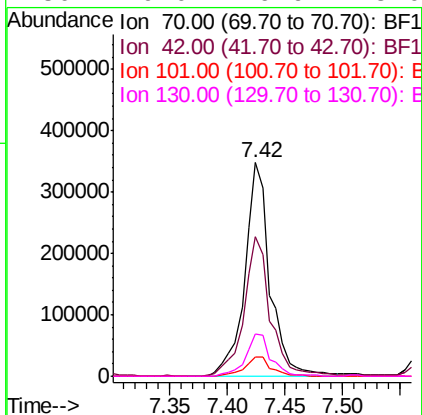
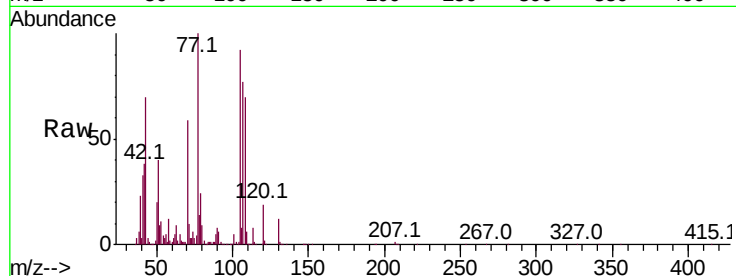




#19
n-Nitroso-di-n-propylamine
Concen: 84.353 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

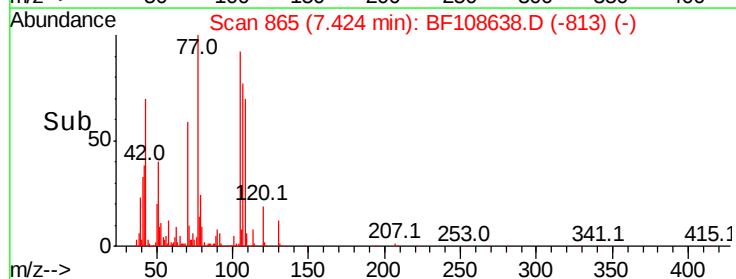
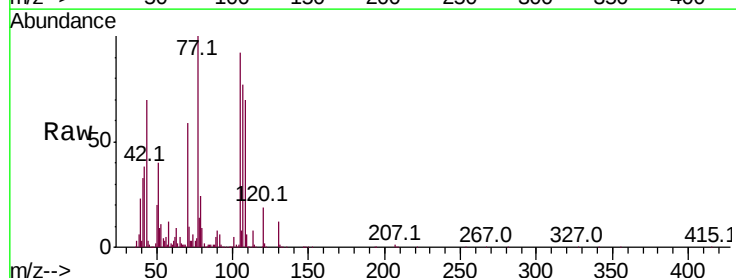
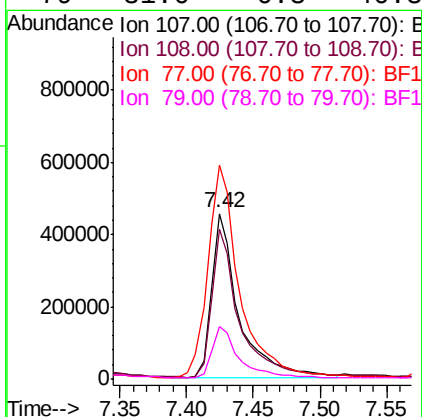
Instrument :
BNA_F
ClientSampleId :

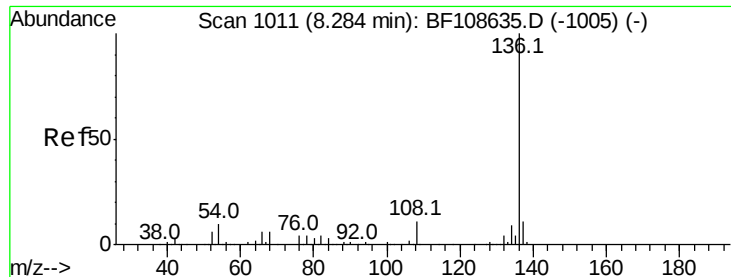
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.5	71.3
101	9.3	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 75.583 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	129.3	26.7	66.7#
79	31.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 522661

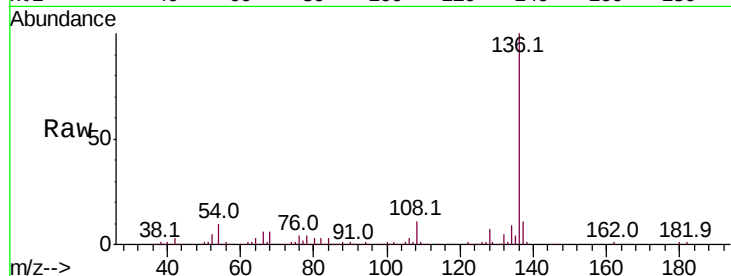
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 5.6 5.0 7.4

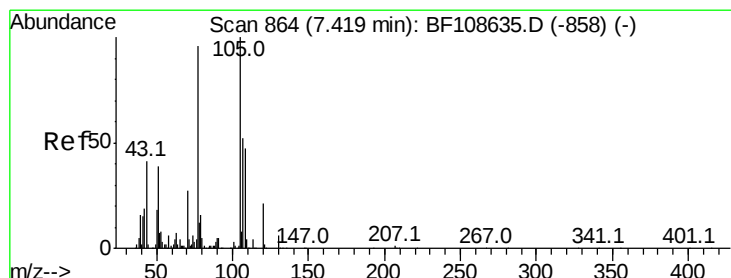
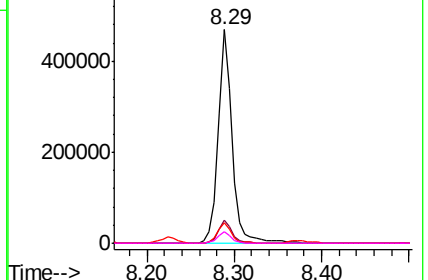
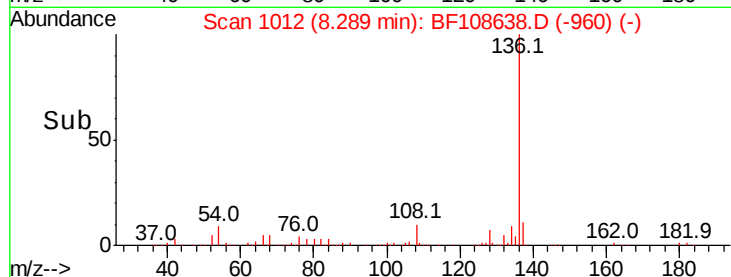


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.956 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Tgt Ion:105 Resp: 977151

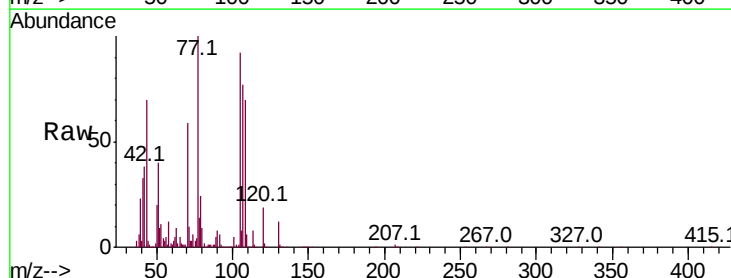
Ion Ratio Lower Upper

105 100

71 10.8 4.4 6.6#

51 43.7 22.3 33.5#

120 20.6 16.9 25.3

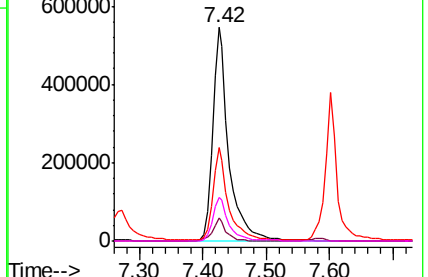
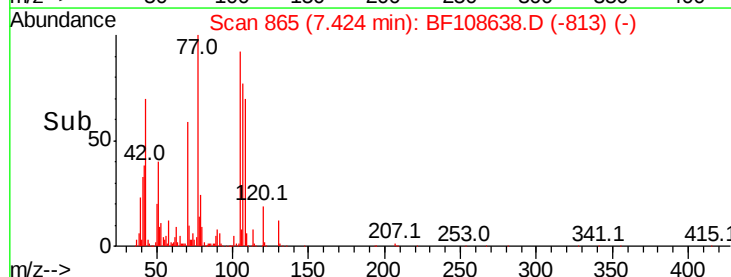


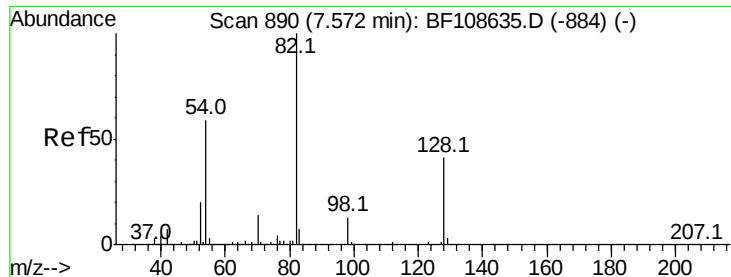
Abundance Ion 105.00 (104.70 to 105.70): E

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: 165.476 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

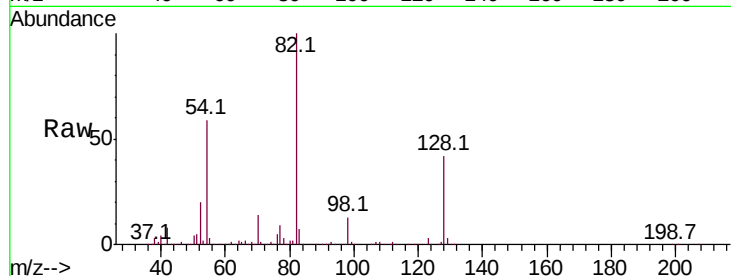
Tot Ion: 82 Resp: 1549923

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

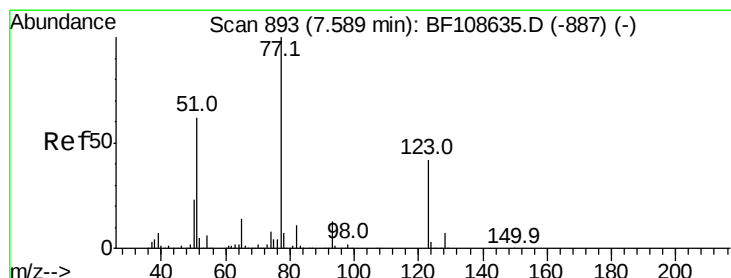
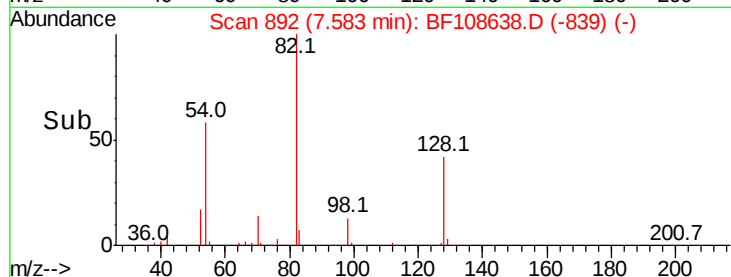
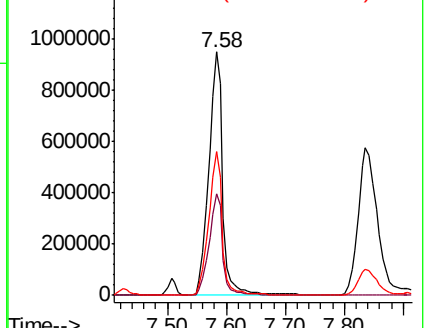
54 59.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 85.416 ng

RT: 7.60 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

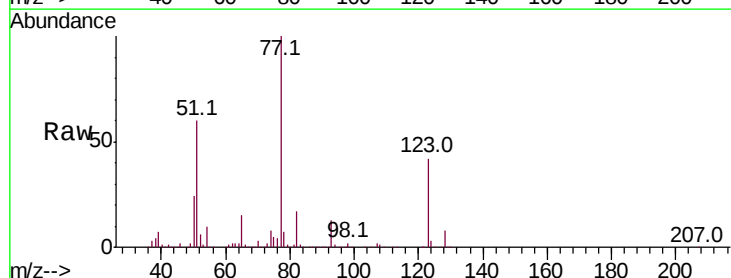
Tgt Ion: 77 Resp: 809018

Ion Ratio Lower Upper

77 100

123 41.8 37.9 56.9

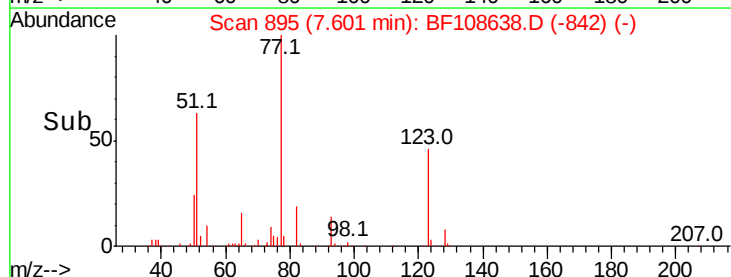
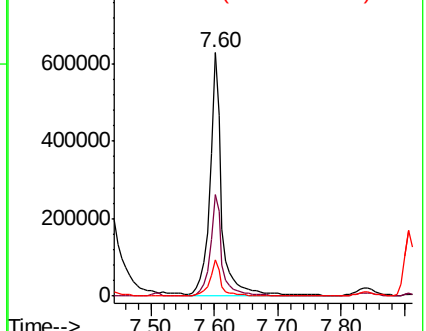
65 15.0 11.0 16.4

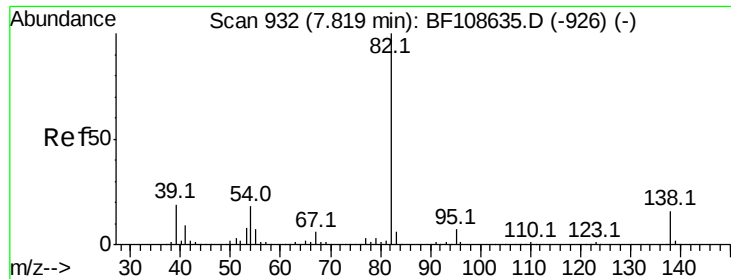


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 75.426 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.02 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

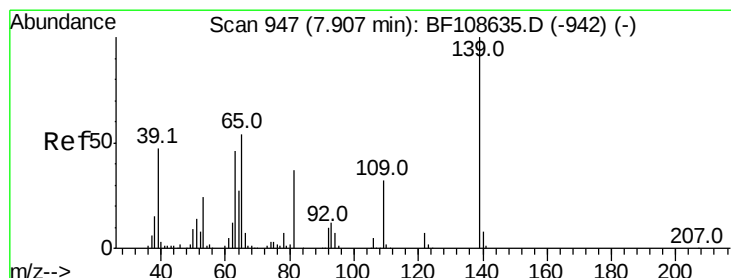
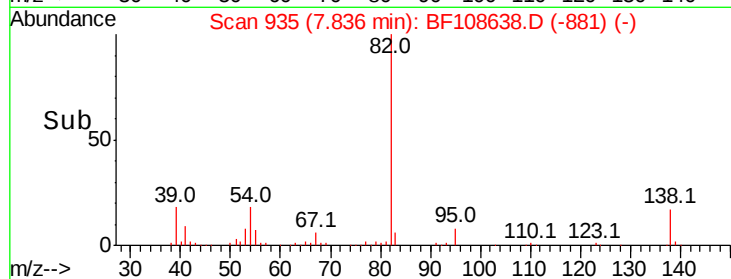
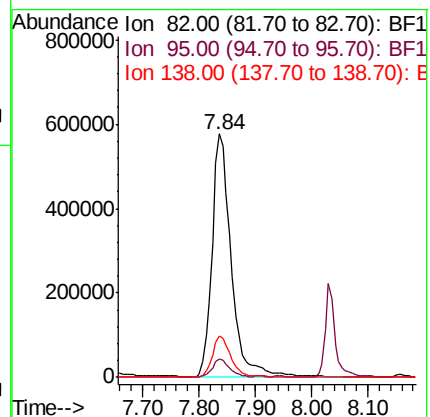
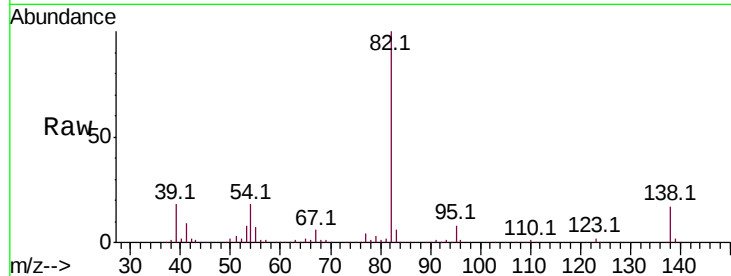
Tot Ion: 82 Resp: 1346573

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 104.462 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

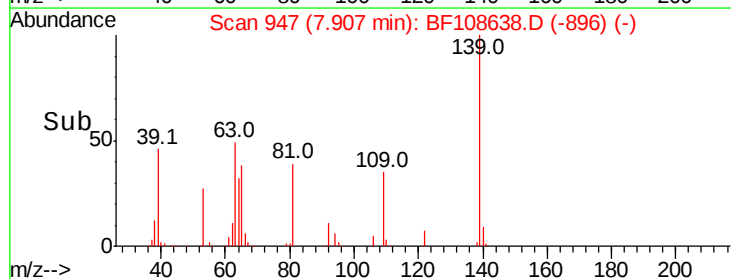
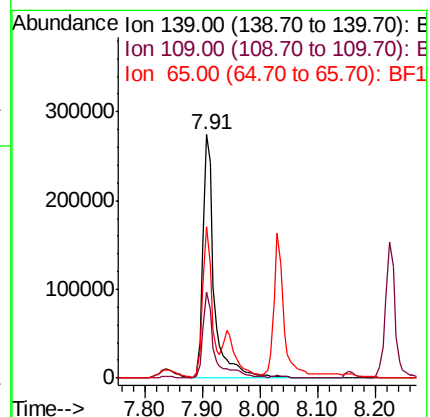
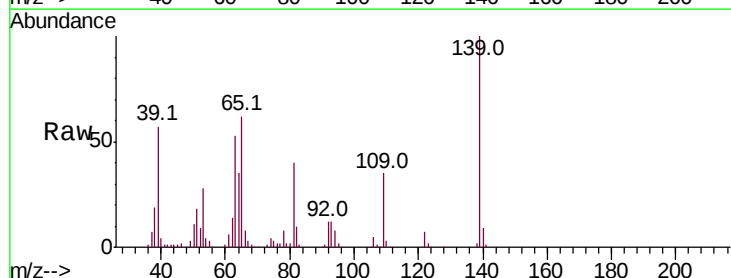
Tgt Ion:139 Resp: 373647

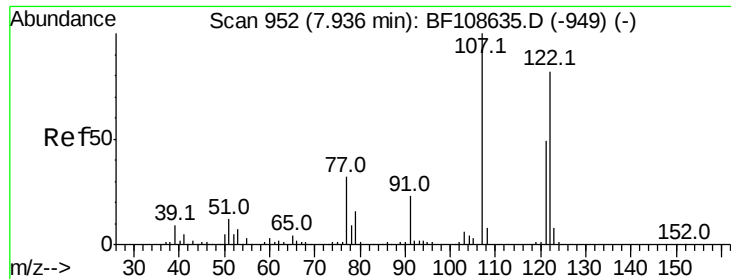
Ion Ratio Lower Upper

139 100

109 35.4 22.7 34.1#

65 62.3 40.5 60.7#

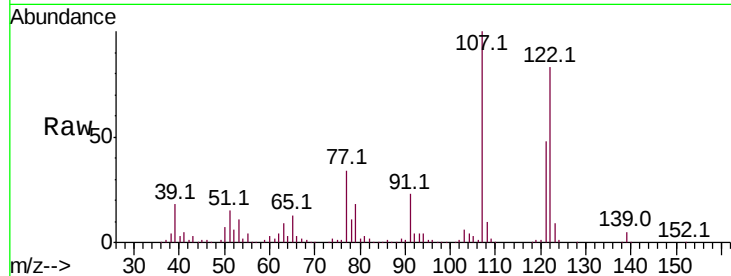




#27
 2,4-Dimethylphenol
 Concen: 65.730 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.1	91.2	136.8
121	57.8	47.2	70.8

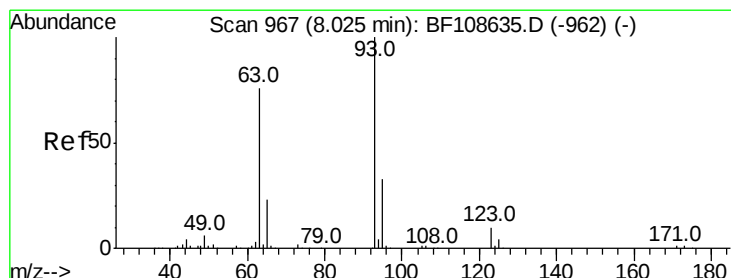
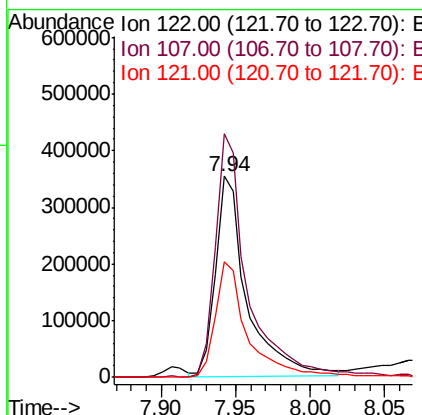
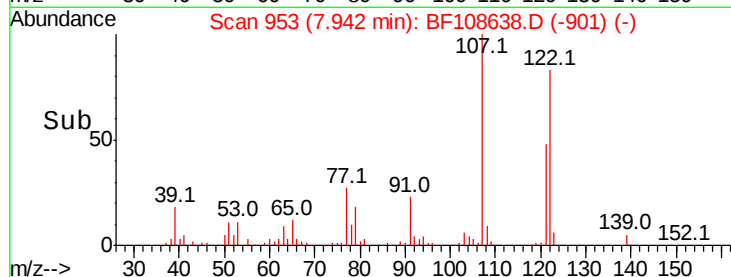


Abundance

Ion 122.00 (121.70 to 122.70): E

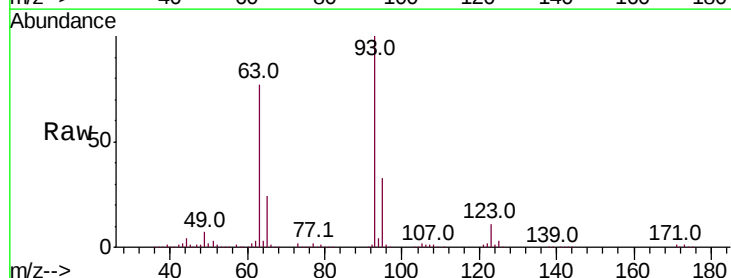
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 78.726 ng
 RT: 8.03 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.0	9.8	14.6

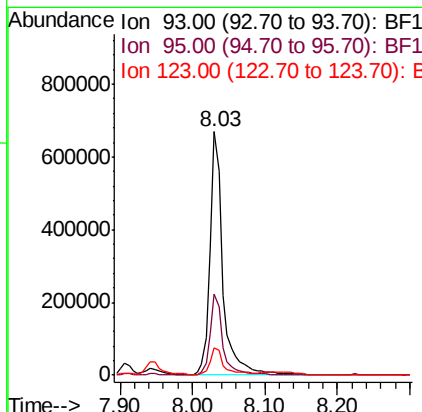
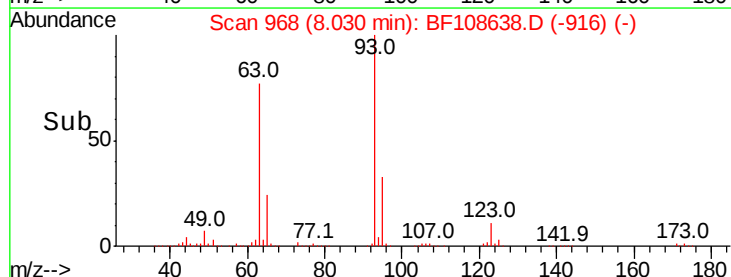


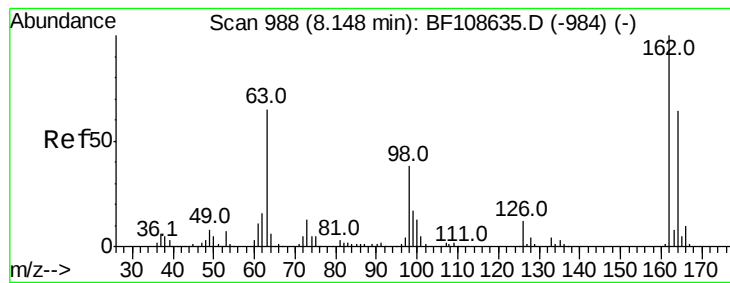
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 86.874 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

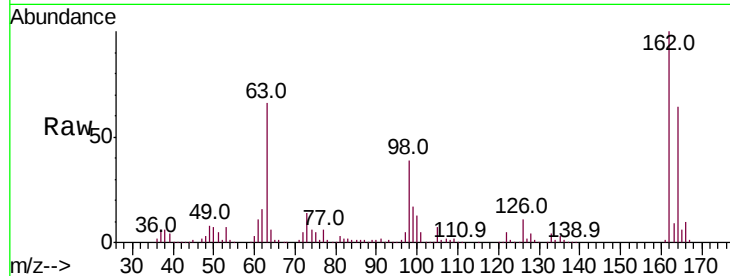
Tot Ion:162 Resp: 633470

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

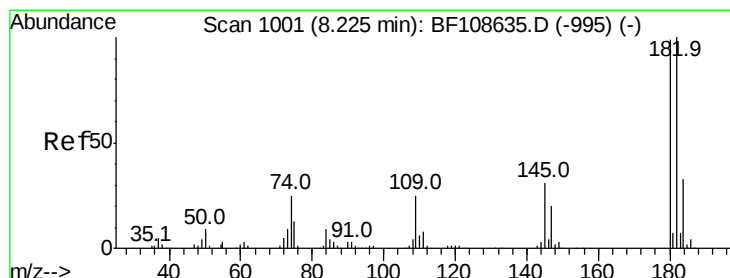
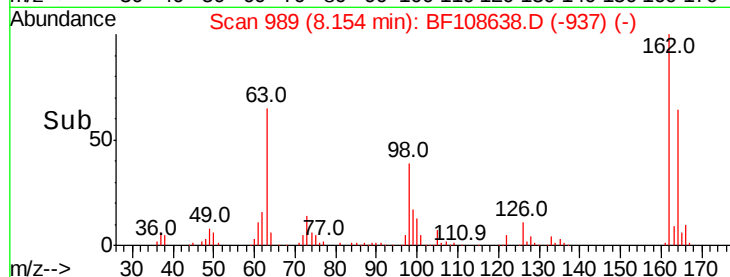
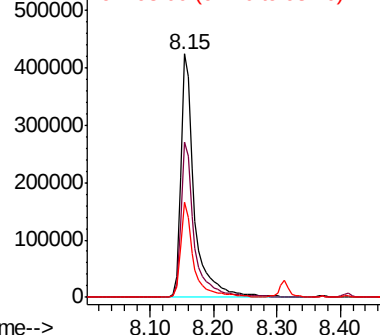
98 39.1 18.1 58.1



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: 85.506 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

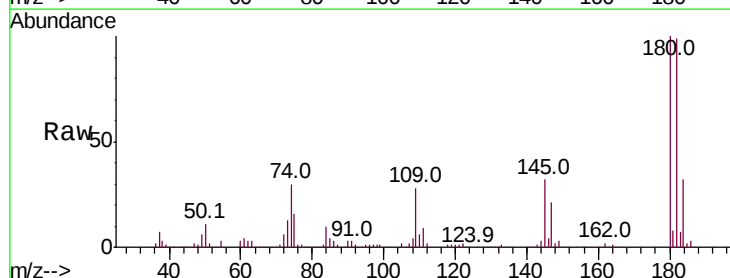
Tgt Ion:180 Resp: 687422

Ion Ratio Lower Upper

180 100

182 99.2 76.8 115.2

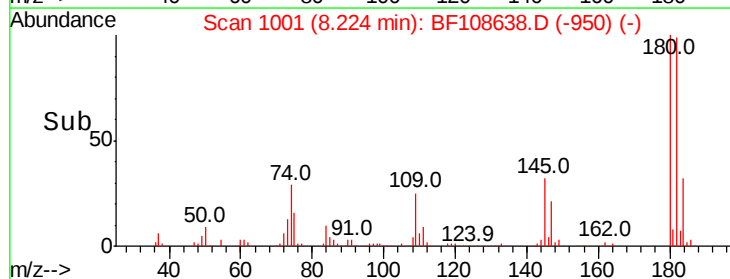
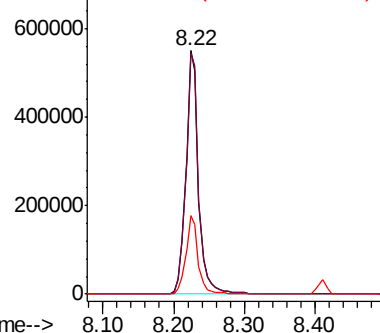
145 32.4 26.5 39.7

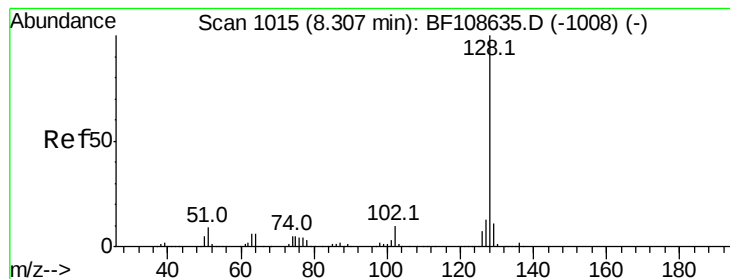


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 77.228 ng

RT: 8.31 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

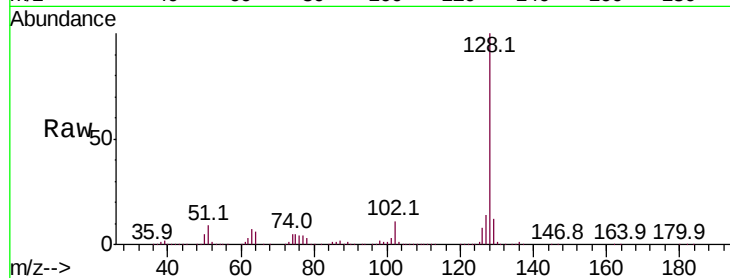
Tot Ion:128 Resp: 1835680

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

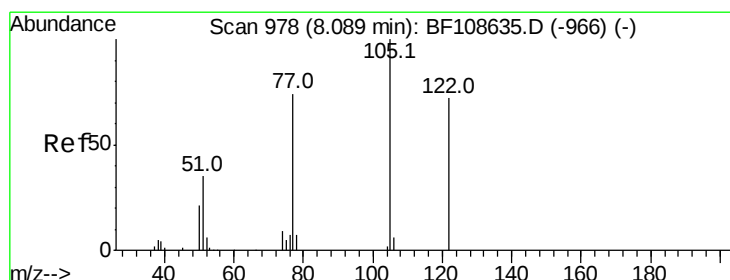
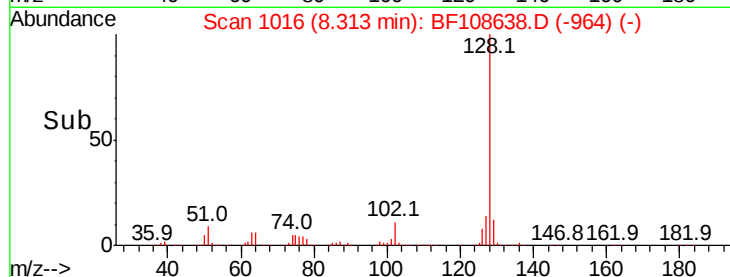
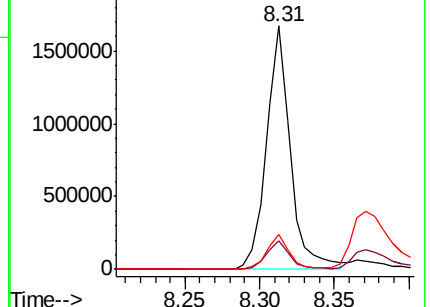
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 79.880 ng

RT: 8.13 min Scan# 985

Delta R.T. 0.04 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

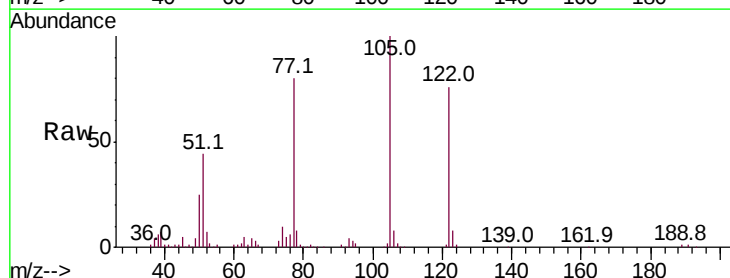
Tgt Ion:122 Resp: 335639

Ion Ratio Lower Upper

122 100

105 132.0 101.1 141.1

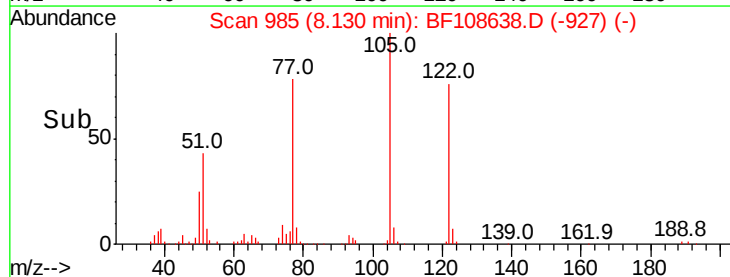
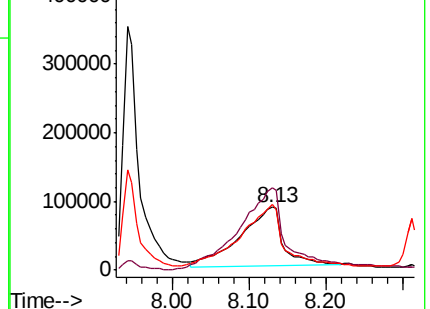
77 105.5 70.7 110.7

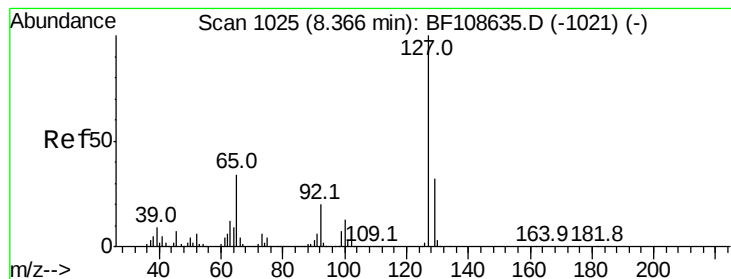


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 78.741 ng

RT: 8.37 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 815650

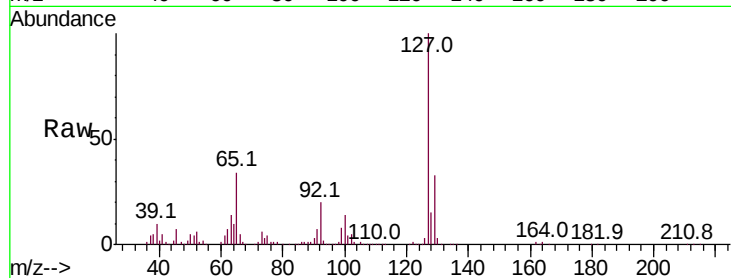
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 34.4 25.0 37.4

92 20.0 15.2 22.8

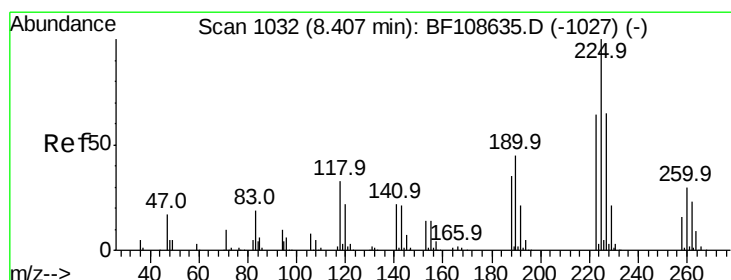
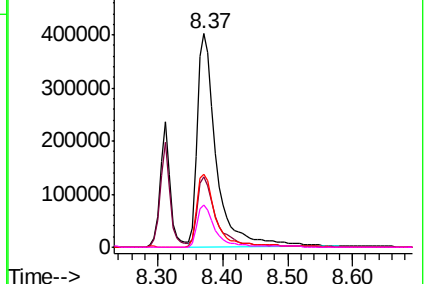
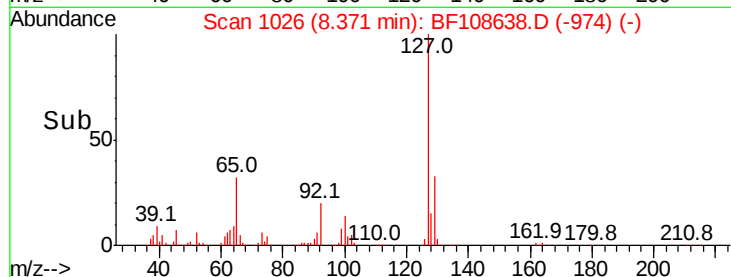


Abundance Ion 127.00 (126.70 to 127.70): E

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: 87.977 ng

RT: 8.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

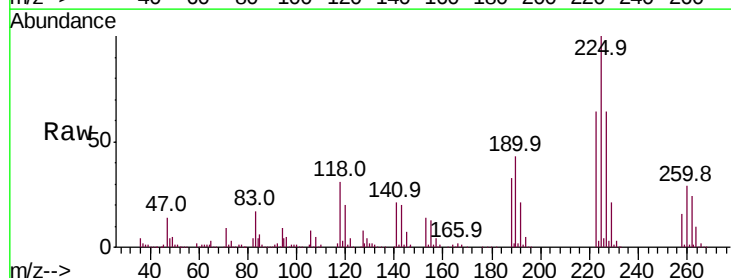
Tgt Ion:225 Resp: 447754

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

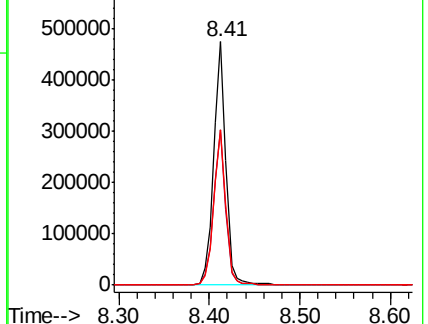
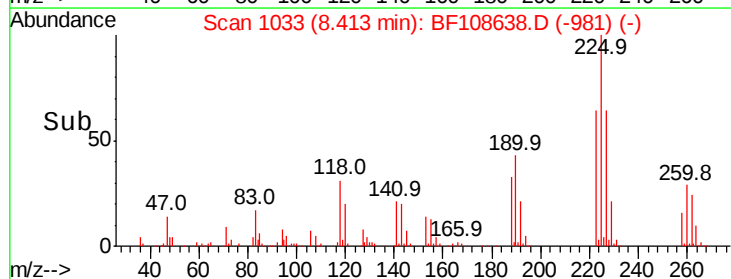
227 63.5 51.9 77.9

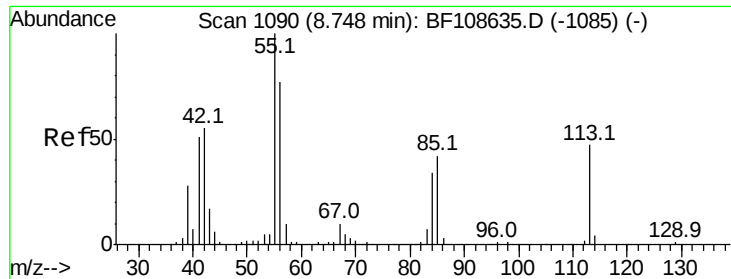


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

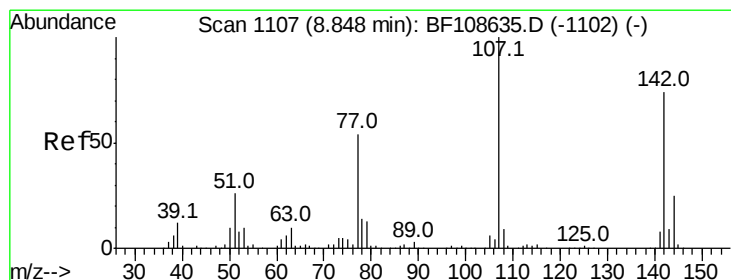
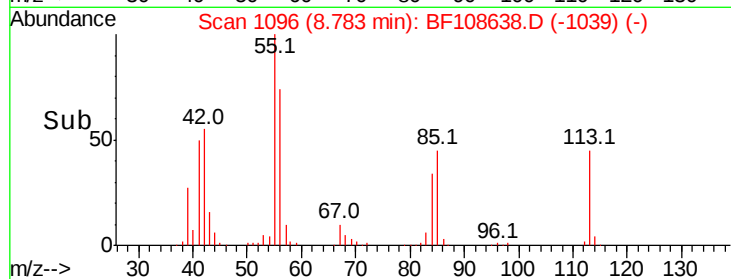
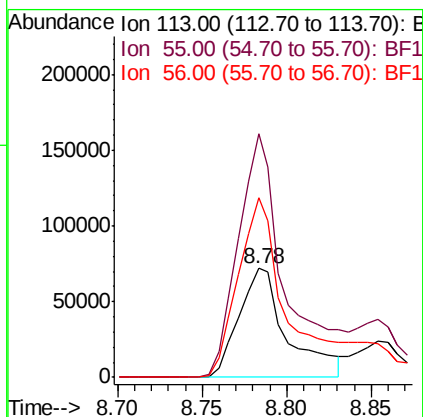
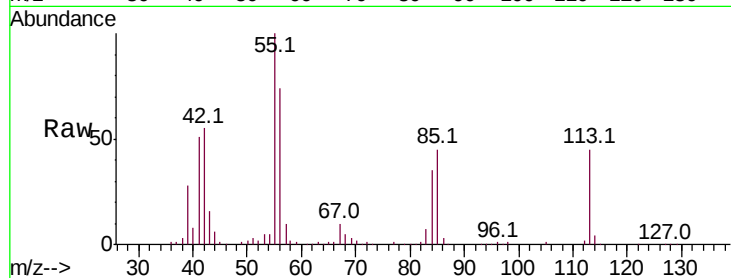




#35
Caprolactam
Concen: 62.912 ng
RT: 8.78 min Scan# 1096
Delta R.T. 0.04 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

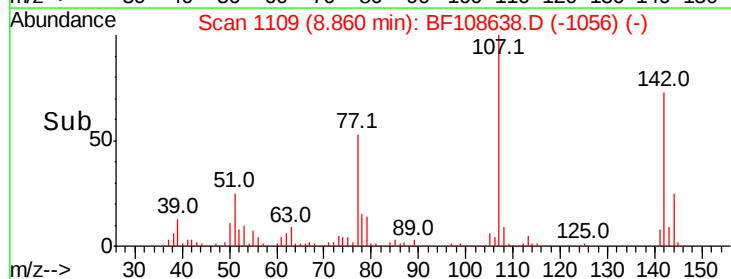
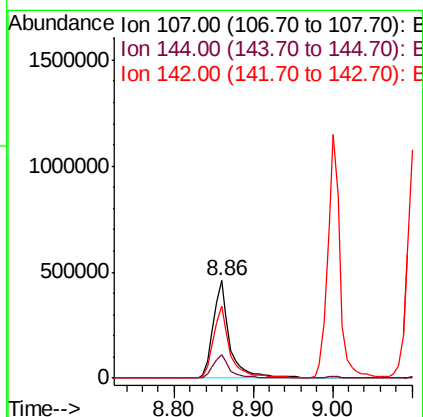
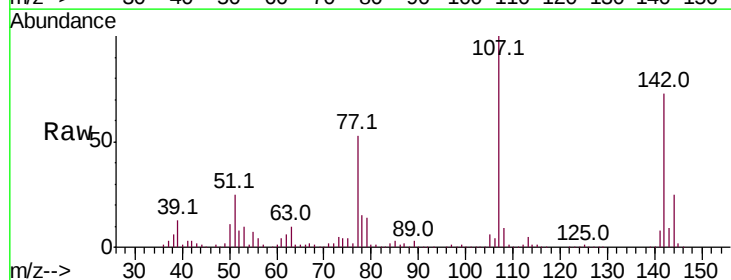
Instrument :
BNA_F
ClientSampled :

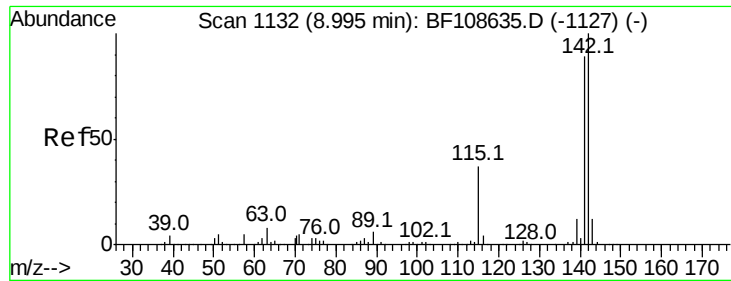
Tot Ion:113 Resp: 143759
Ion Ratio Lower Upper
113 100
55 224.0 163.3 203.3#
56 165.1 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 85.153 ng
RT: 8.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:107 Resp: 669837
Ion Ratio Lower Upper
107 100
144 24.6 20.5 30.7
142 73.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 74.265 ng

RT: 9.00 min Scan# 1133

Delta R.T. 0.01 min

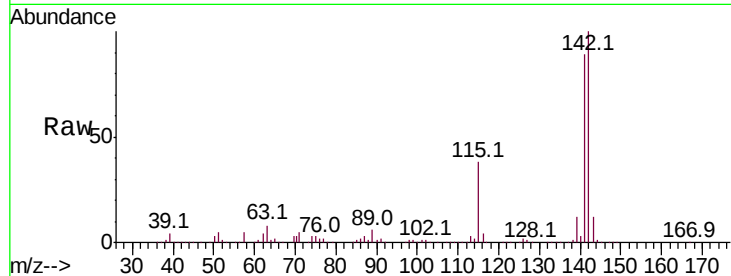
Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1248922

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	38.1	26.1	39.1

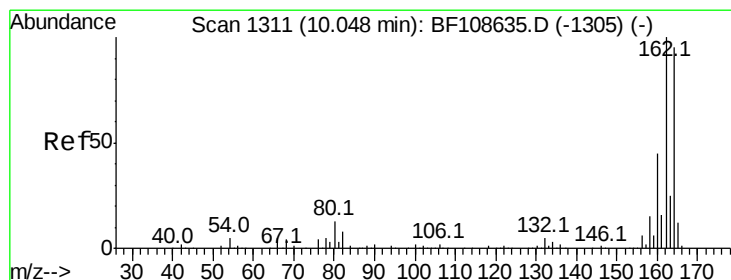
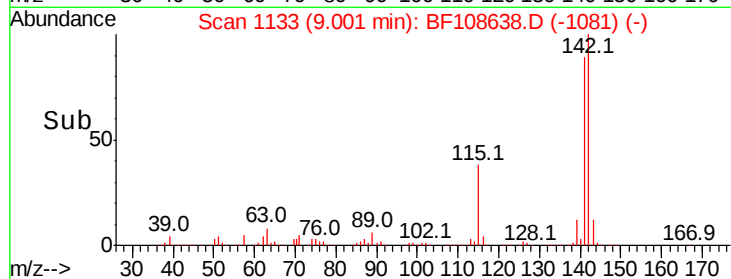
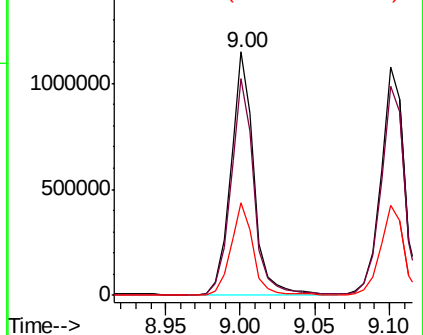


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1312

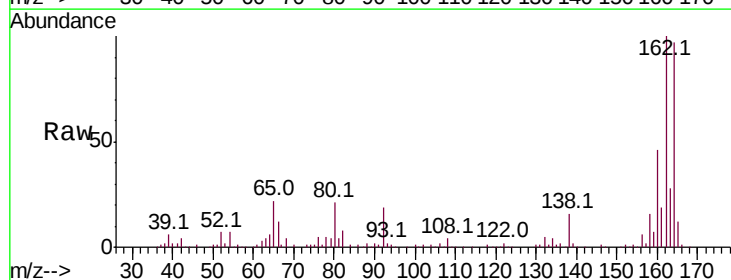
Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Tgt Ion:164 Resp: 270608

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.3	38.3	57.5

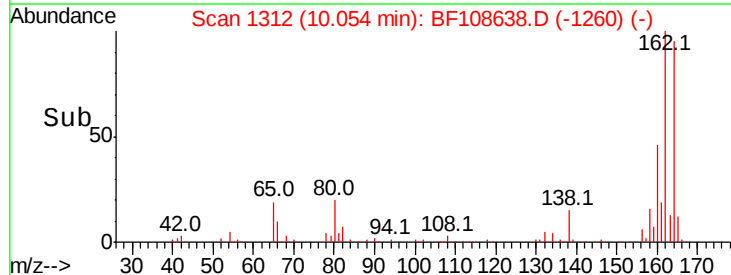
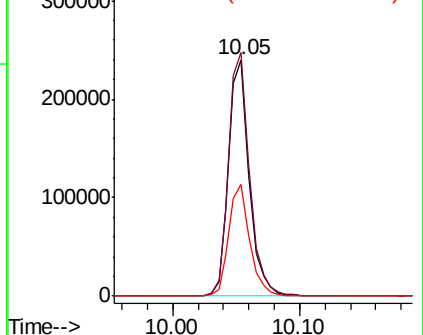


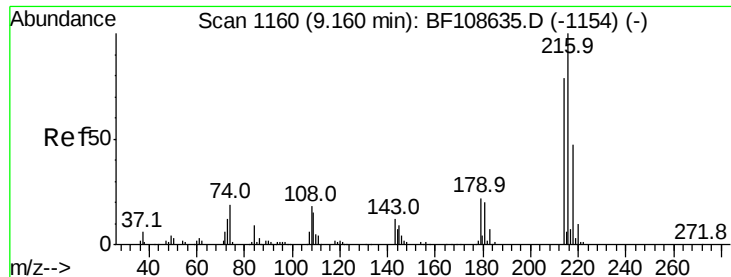
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 86.816 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 721447

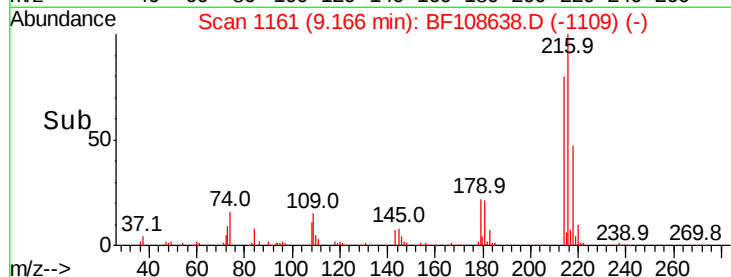
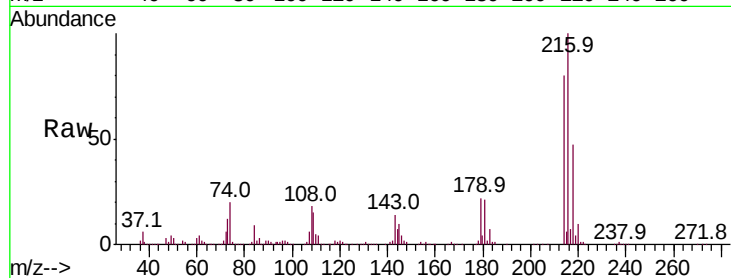
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.9 18.1 27.1

108 17.7 17.2 25.8

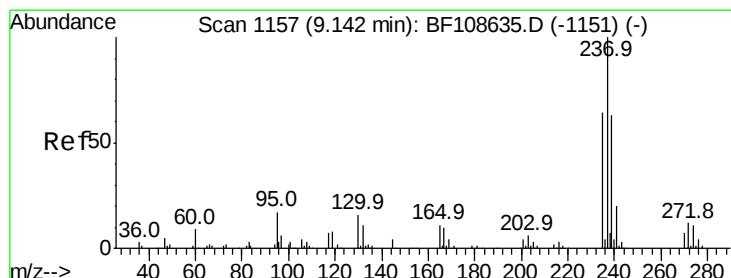
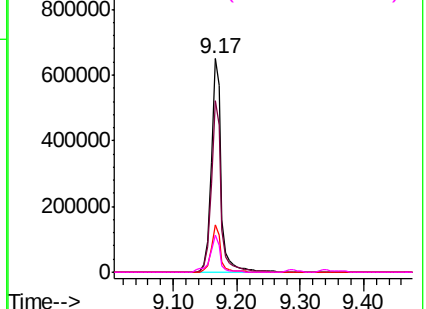


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.884 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

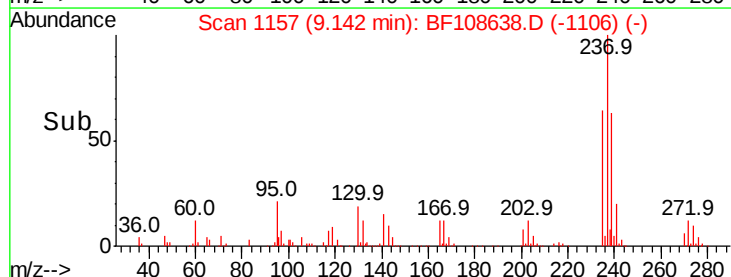
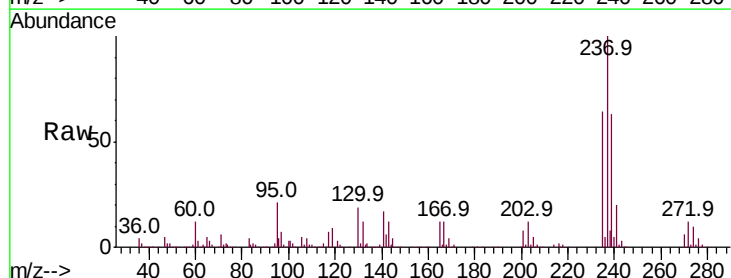
Tgt Ion:237 Resp: 326801

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

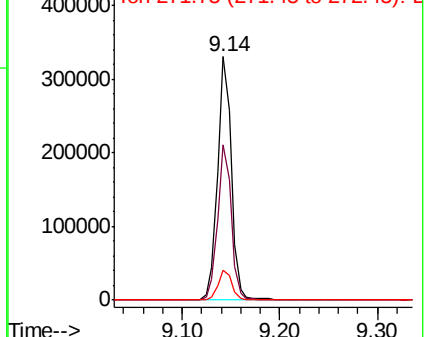
272 12.4 0.0 33.3

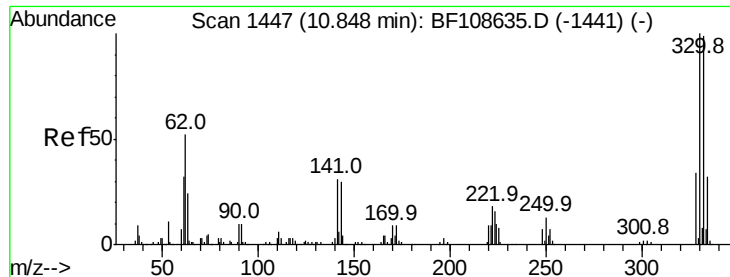


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

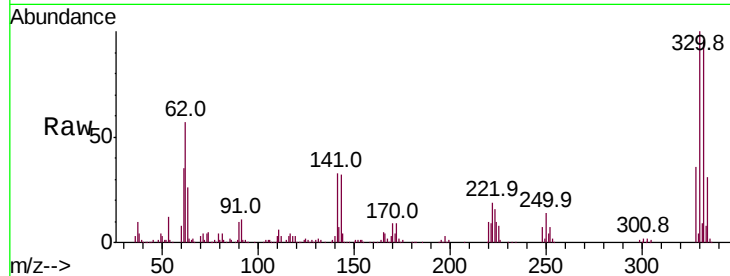




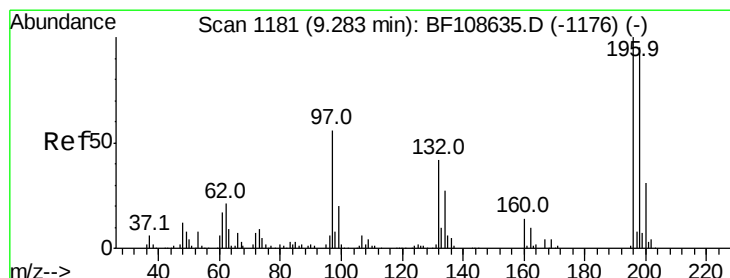
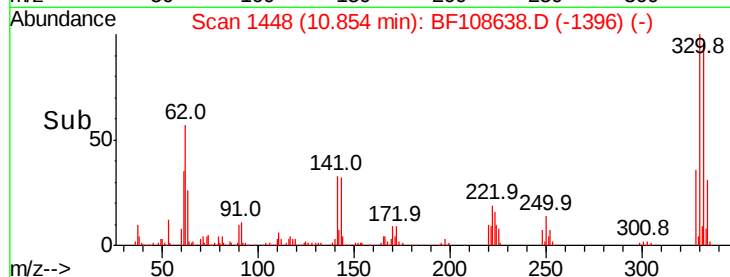
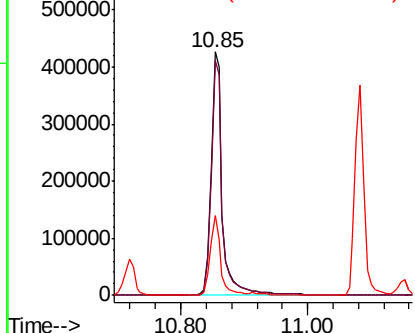
#41
 2,4,6-Tribromophenol
 Concen: 199.090 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.5	29.9	44.9

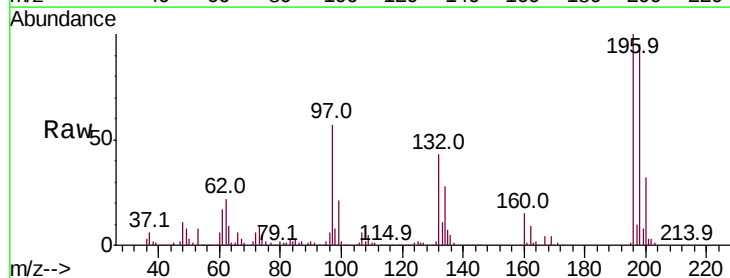


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

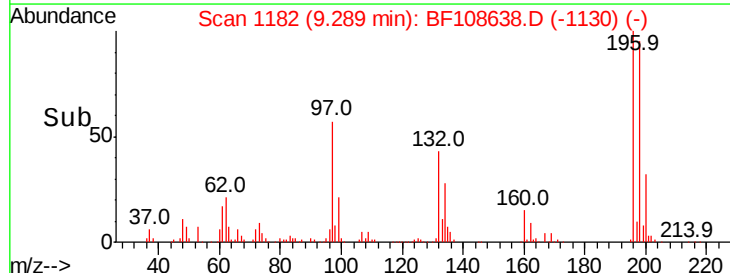
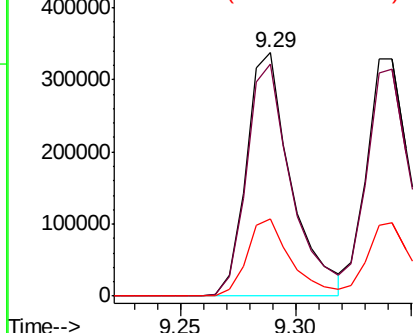


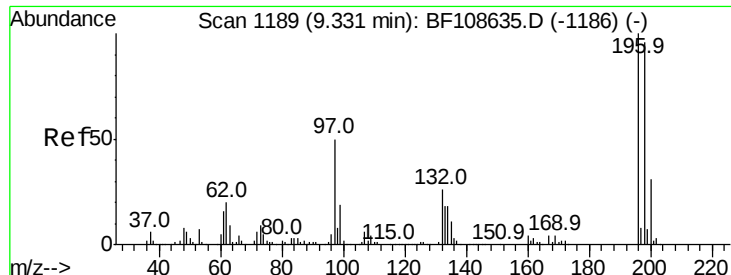
#42
 2,4,6-Trichlorophenol
 Concen: 88.291 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	31.6	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

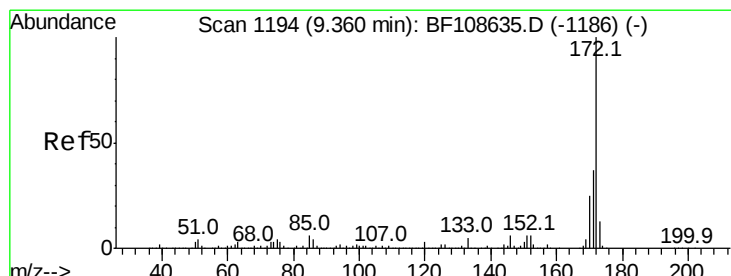
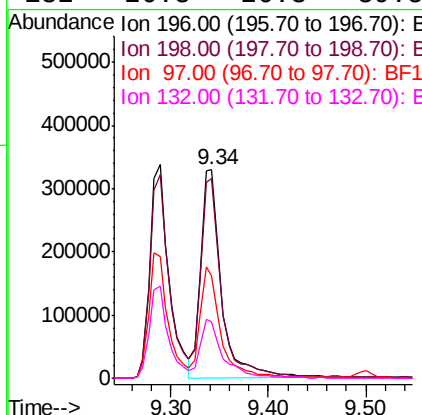
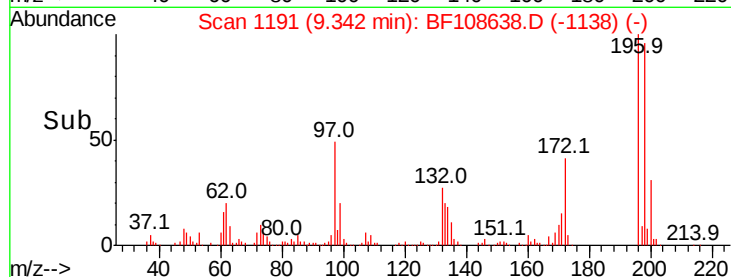
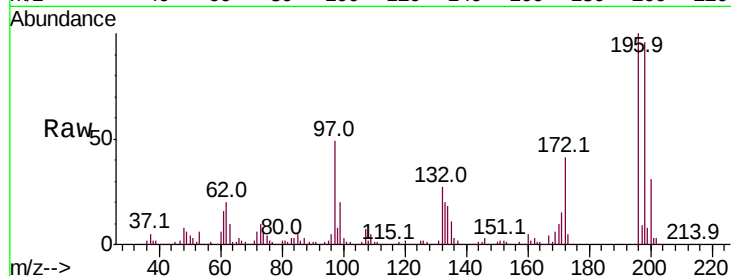




#43
 2,4,5-Trichlorophenol
 Concen: 85.070 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

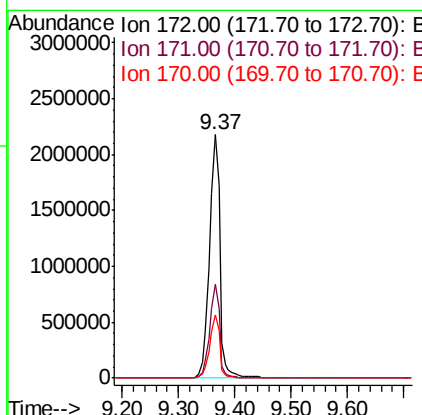
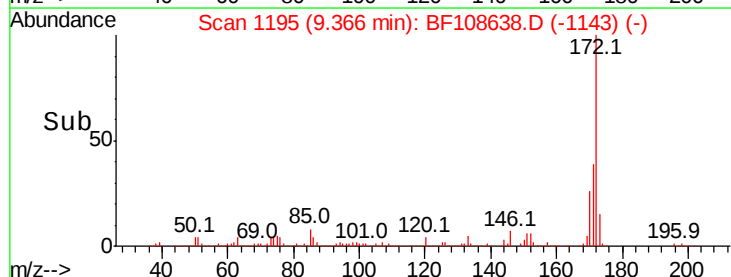
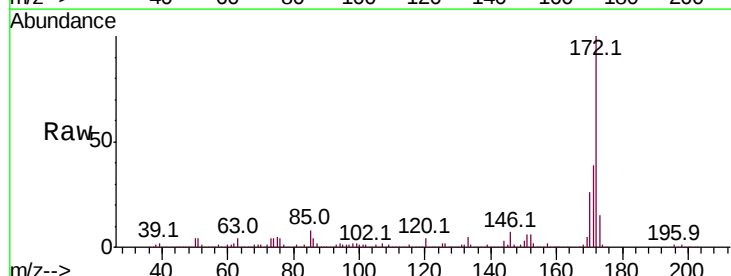
Instrument :
 BNA_F
 ClientSampled :

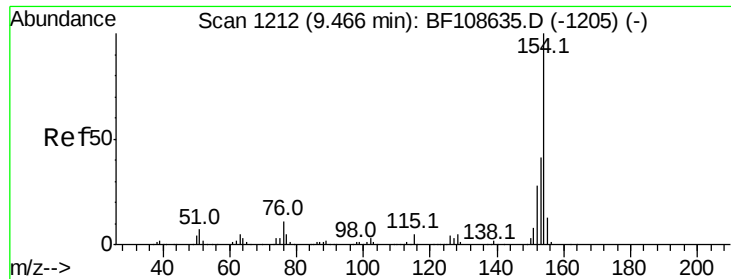
Tot Ion:	196	Resp:	482921
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	49.1	42.9	64.3
132	26.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 164.006 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:	172	Resp:	2764386
Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.0	19.6	29.4



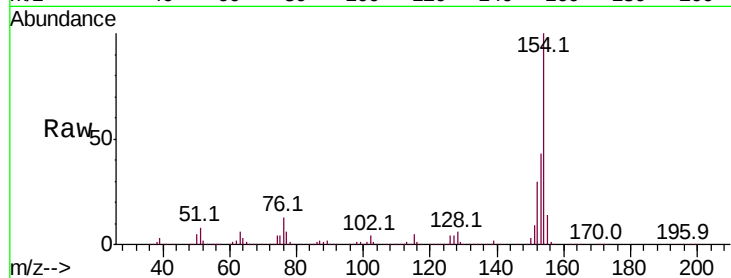


#45
 1,1'-Biphenyl
 Concen: 85.288 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

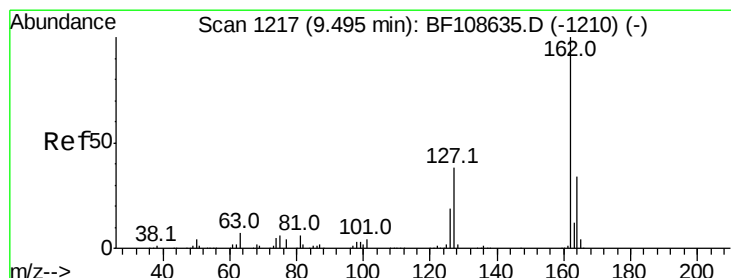
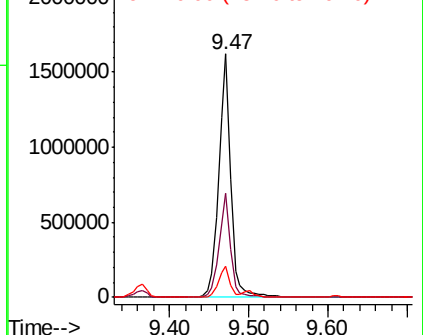
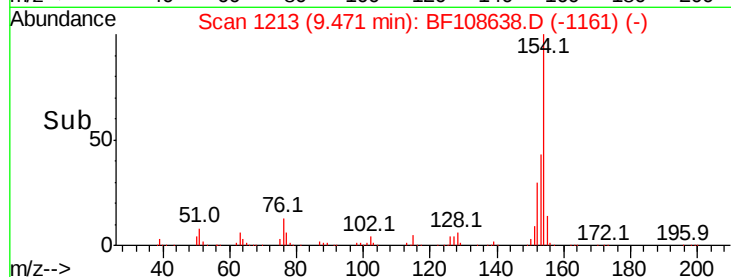
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1701650

Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.3	61.3
76	13.0	0.0	34.0



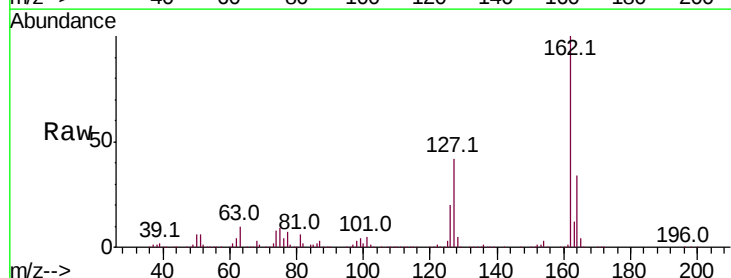
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



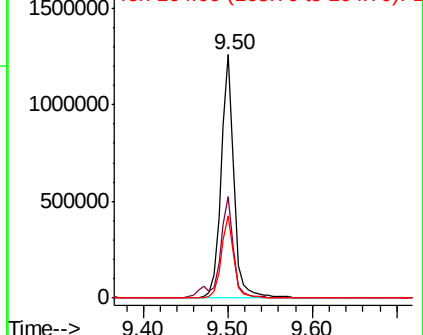
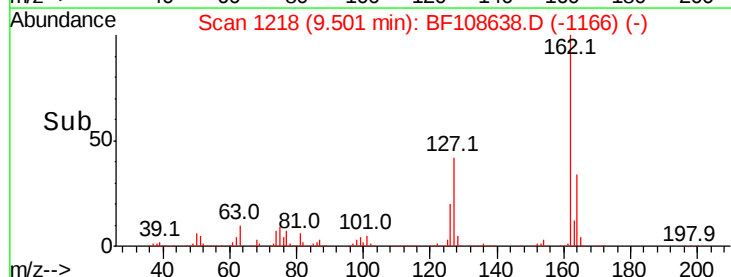
#46
 2-Chloronaphthalene
 Concen: 85.800 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

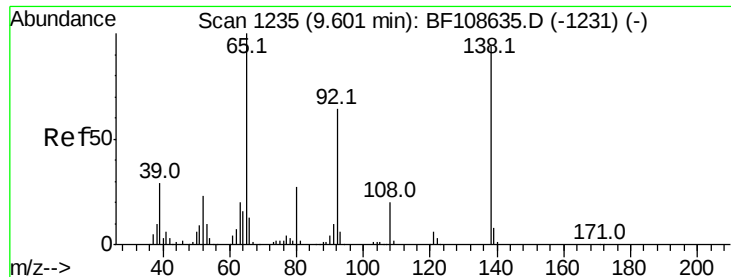
Tgt Ion:162 Resp: 1353003

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.8	26.5	39.7



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

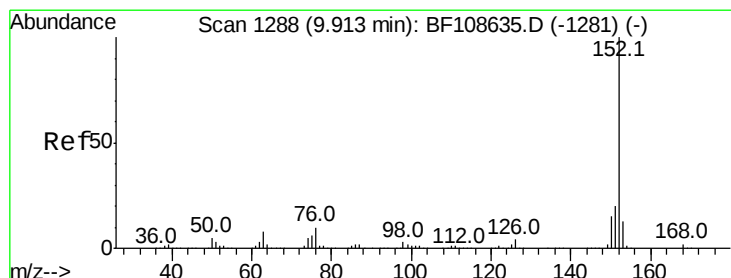
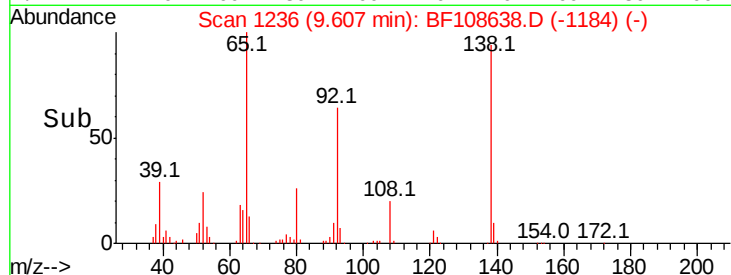
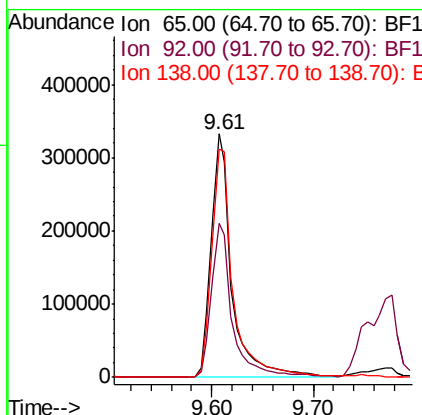
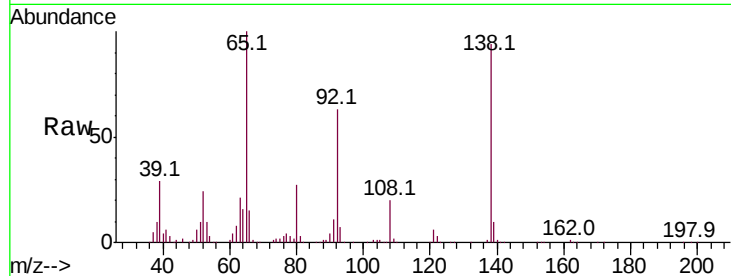




#47
2-Nitroaniline
Concen: 92.181 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

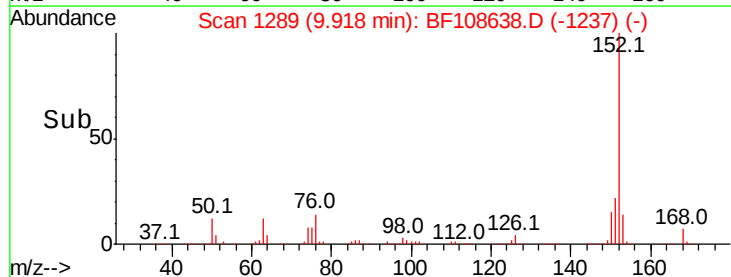
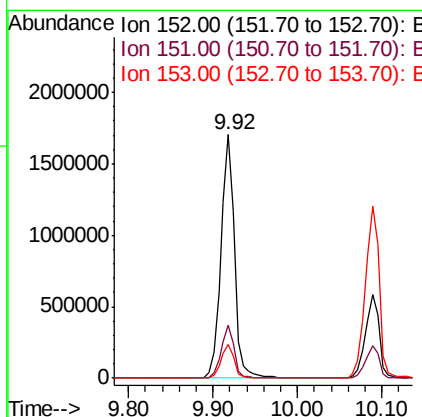
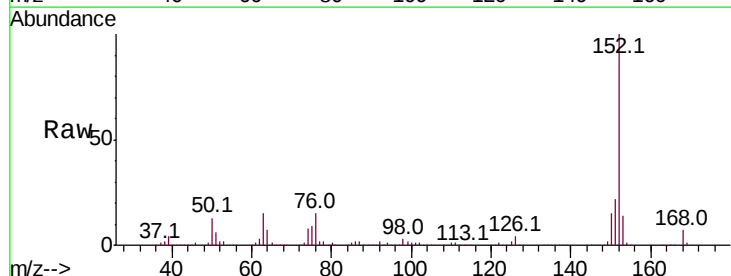
Instrument :
BNA_F
ClientSampleId :

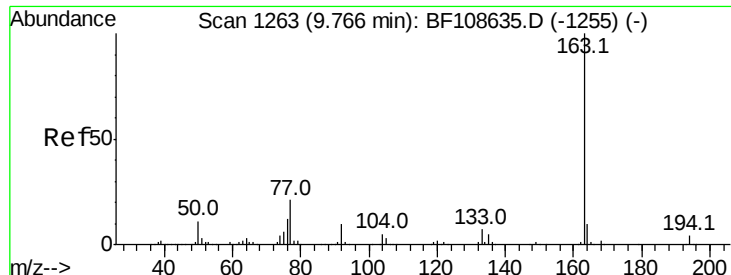
Tot Ion: 65 Resp: 470340
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 93.7 91.2 136.8



#48
Acenaphthylene
Concen: 76.776 ng
RT: 9.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:152 Resp: 1914037
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.0 10.7 16.1

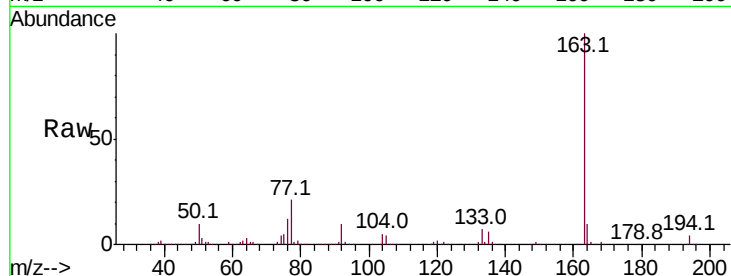




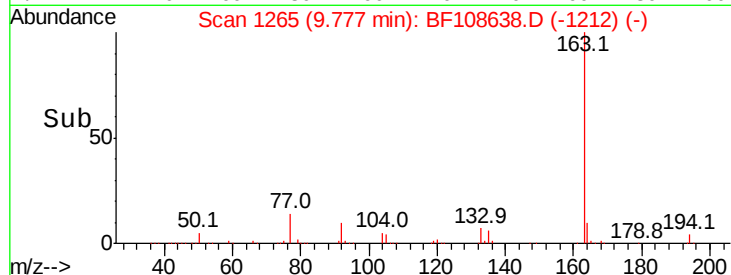
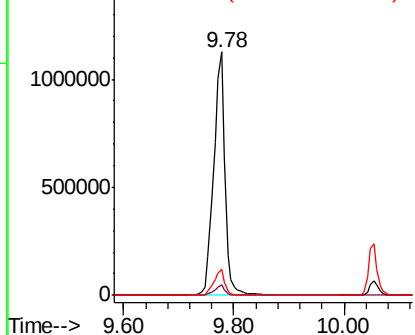
#49
Dimethylphthalate
Concen: 85.444 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1610617
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2

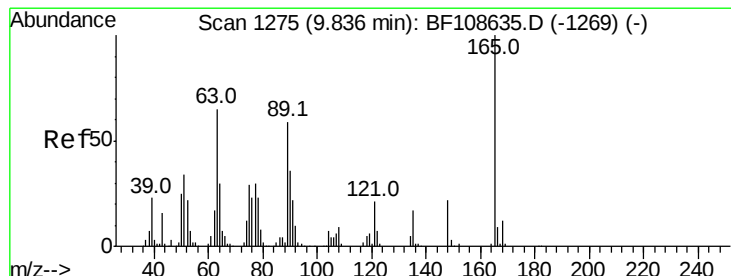


Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

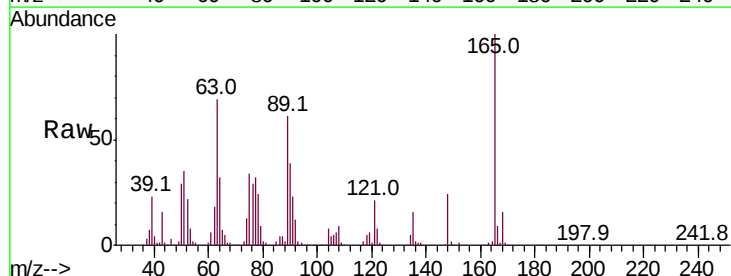
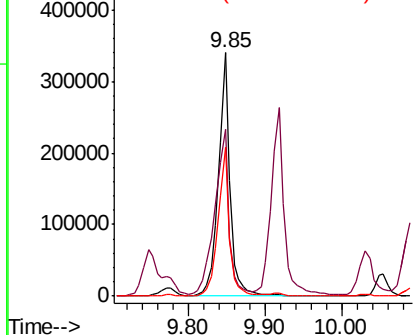


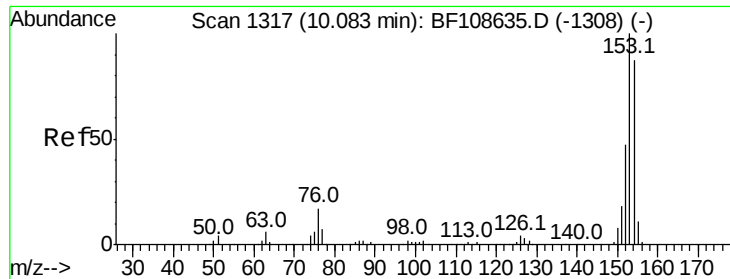
#50
2,6-Dinitrotoluene
Concen: 89.490 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:165 Resp: 352932
Ion Ratio Lower Upper
165 100
63 68.7 44.7 67.1#
89 61.3 44.0 66.0



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





#51

Acenaphthene

Concen: 77.707 ng

RT: 10.09 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

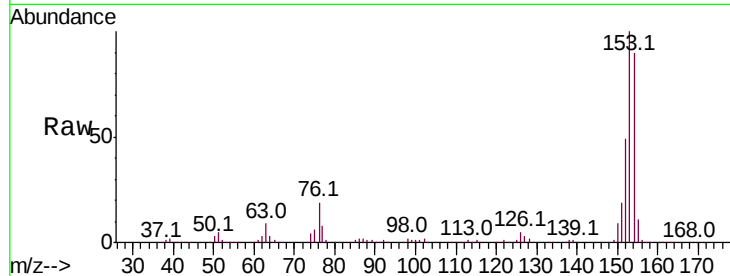
Tot Ion:154 Resp: 1186542

Ion Ratio Lower Upper

154 100

153 111.4 91.2 136.8

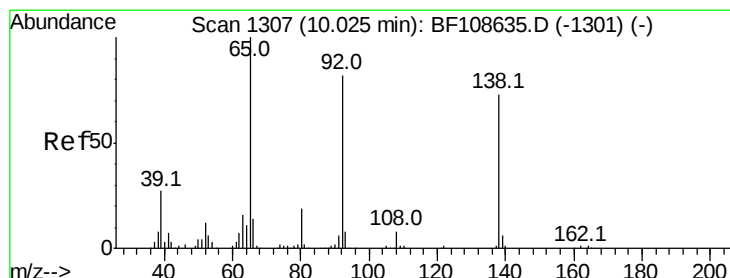
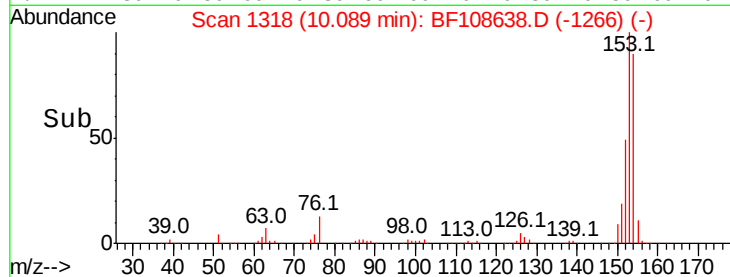
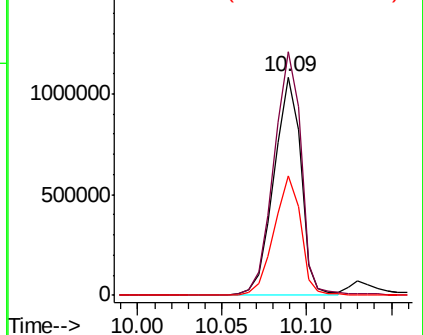
152 54.4 43.8 65.8



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: 88.937 ng

RT: 10.03 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

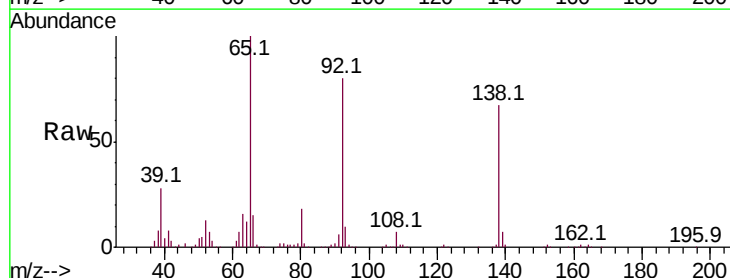
Tgt Ion:138 Resp: 383766

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

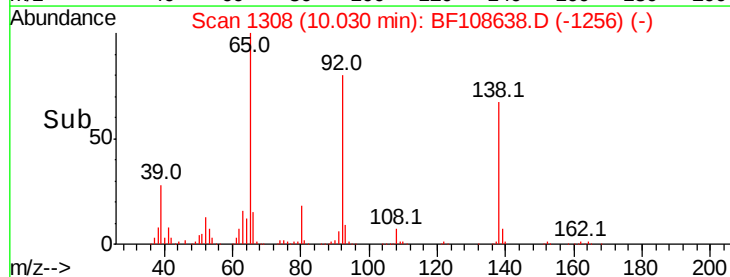
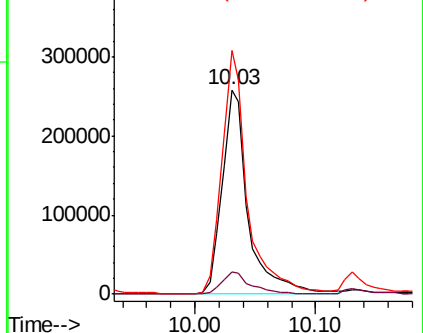
92 119.2 89.4 134.2

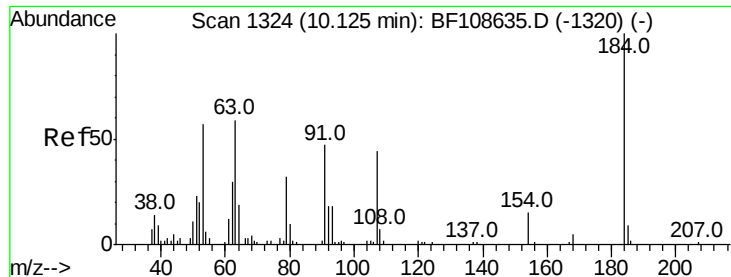


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

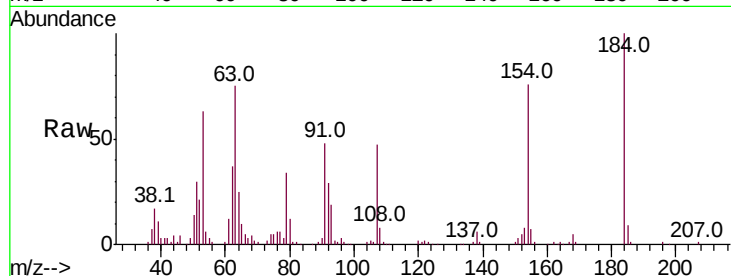




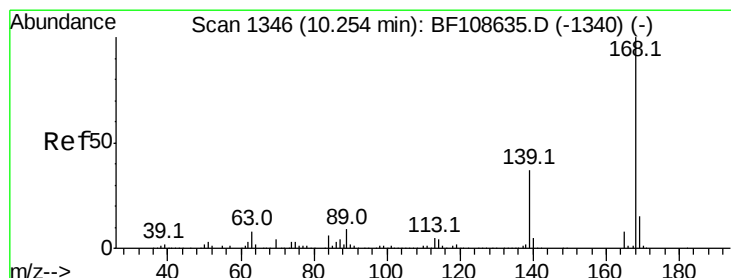
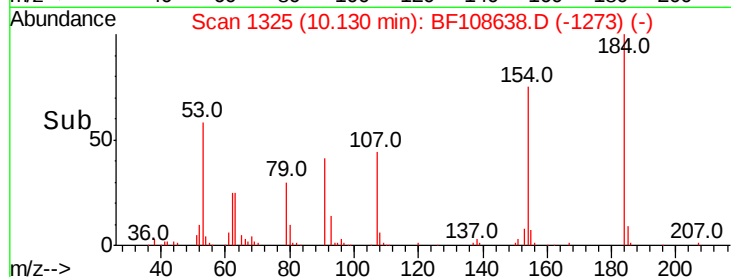
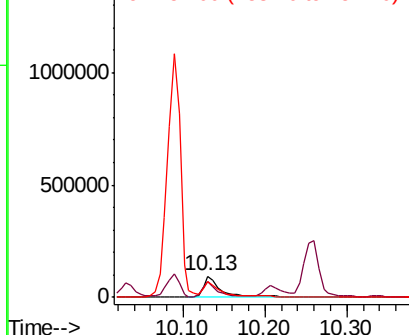
#53
2,4-Dinitrophenol
Concen: 115.112 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 142679
Ion Ratio Lower Upper
184 100
63 75.2 54.2 81.2
154 75.6 184.0 276.0#

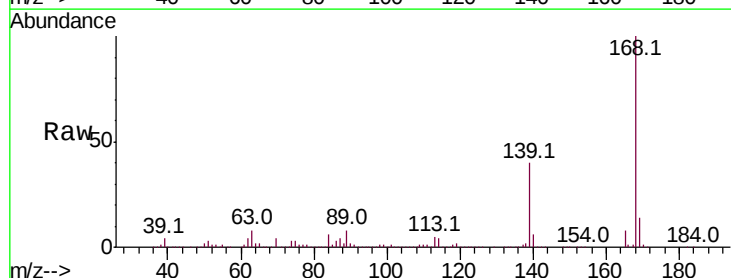


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

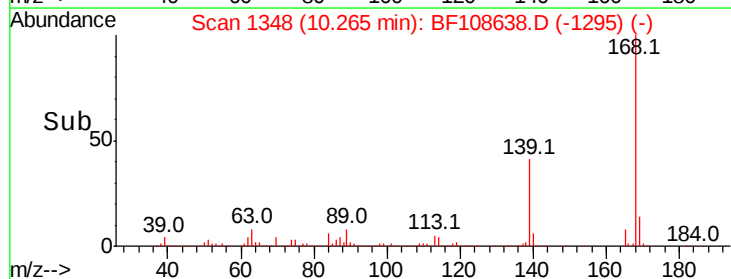
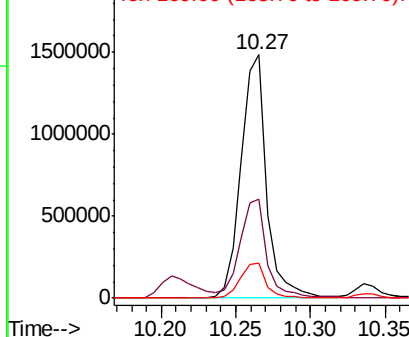


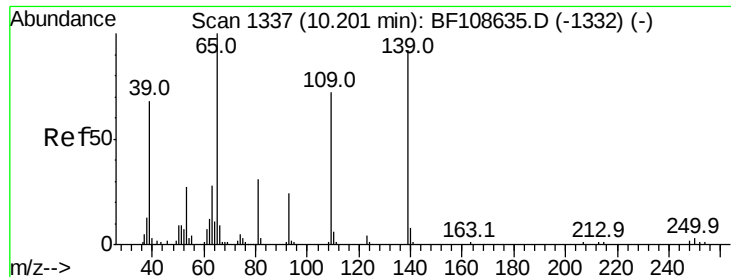
#54
Dibenzofuran
Concen: 79.908 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:168 Resp: 1767729
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 14.4 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

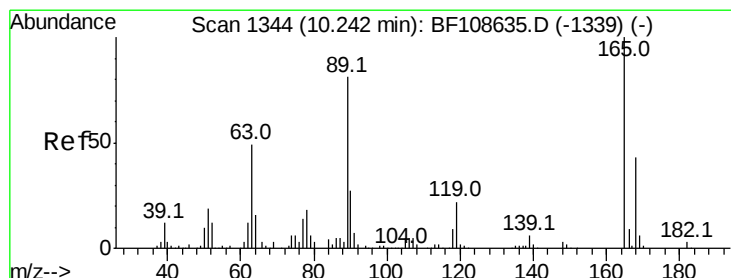
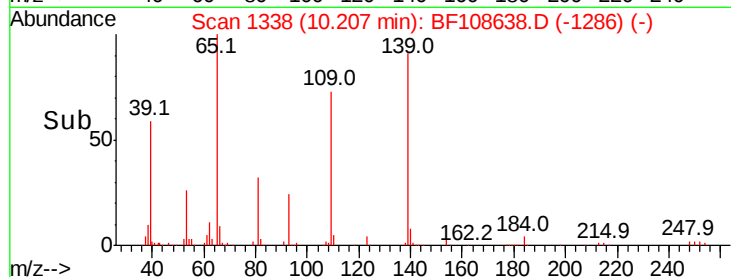
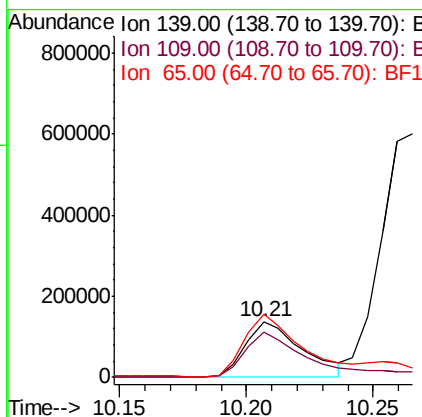
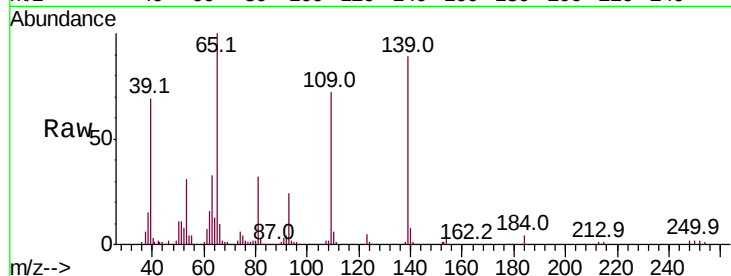




#55
4-Nitrophenol
Concen: 65.967 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

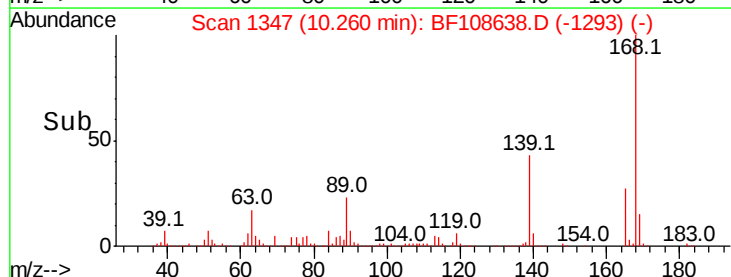
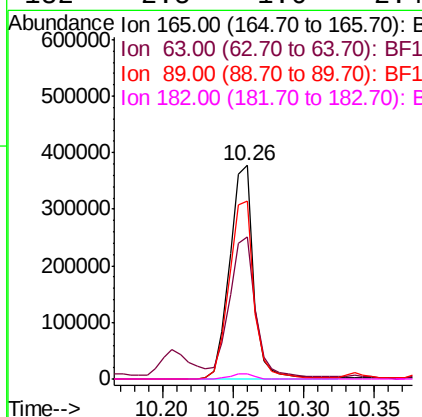
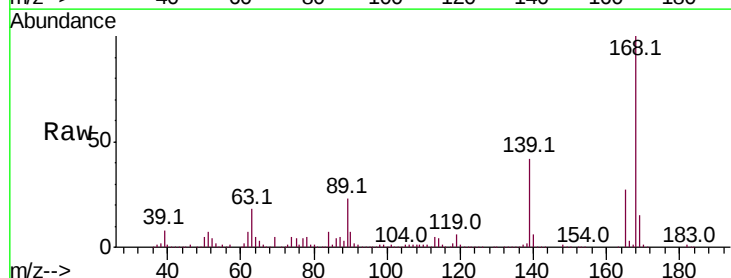
Instrument :
BNA_F
ClientSampleId :

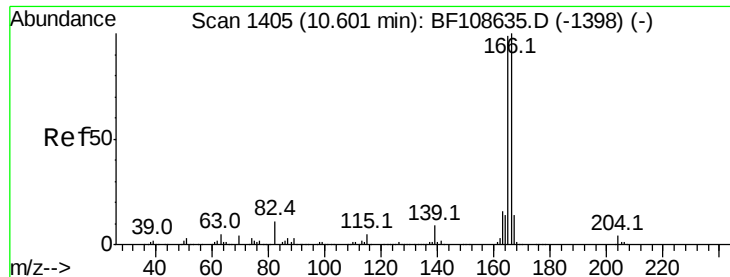
Tot Ion:139 Resp: 215551
Ion Ratio Lower Upper
139 100
109 80.7 48.4 88.4
65 112.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 87.849 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:165 Resp: 445962
Ion Ratio Lower Upper
165 100
63 66.5 36.4 54.6#
89 83.1 57.8 86.6
182 2.5 1.6 2.4#

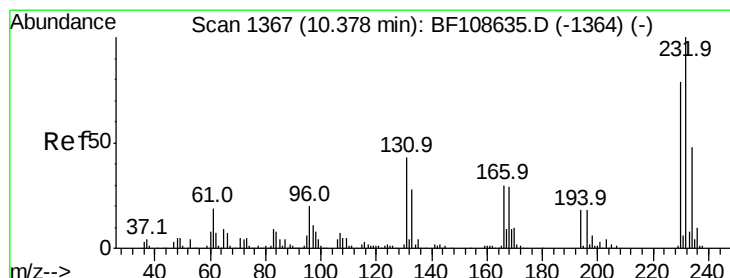
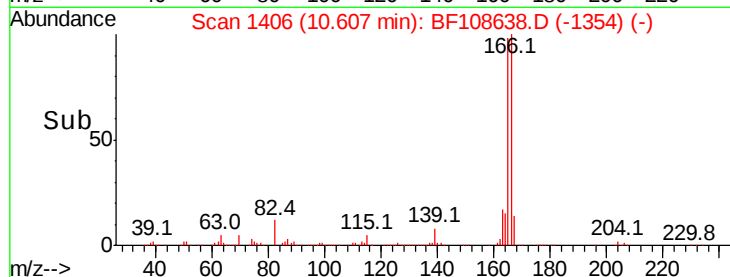
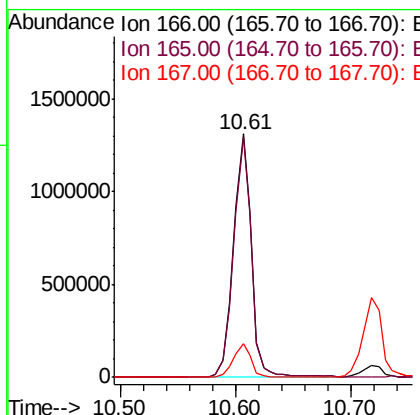
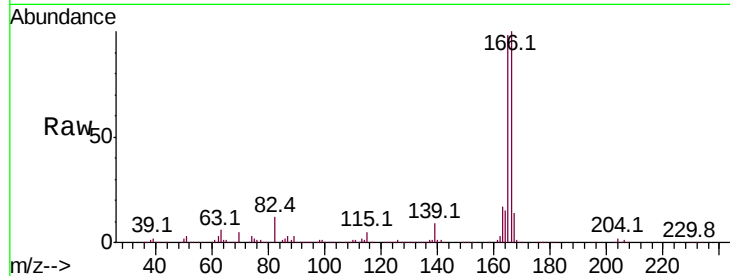




#57
 Fluorene
 Concen: 79.842 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

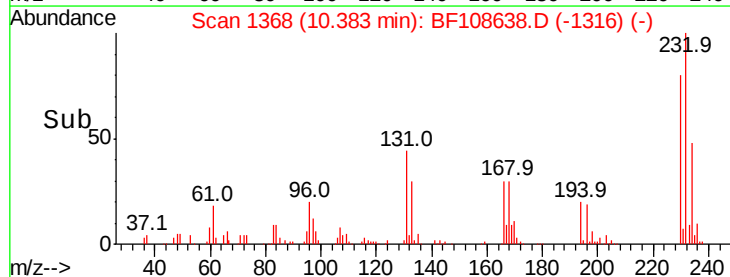
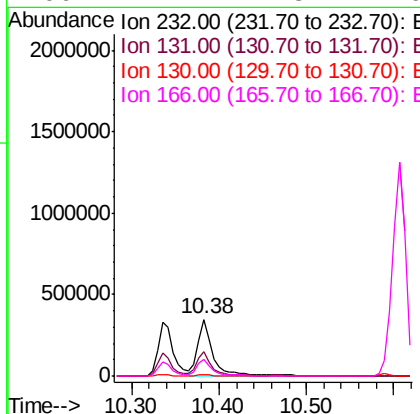
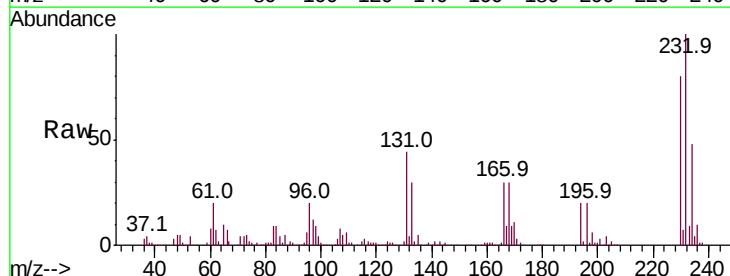
Instrument :
 BNA_F
 ClientSampleId :

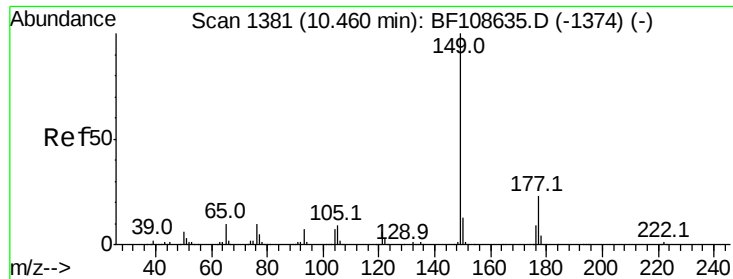
Tot Ion:166 Resp: 1398223
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 87.818 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:232 Resp: 416674
 Ion Ratio Lower Upper
 232 100
 131 43.1 43.8 65.8#
 130 2.3 2.1 3.1
 166 27.7 27.8 41.6#

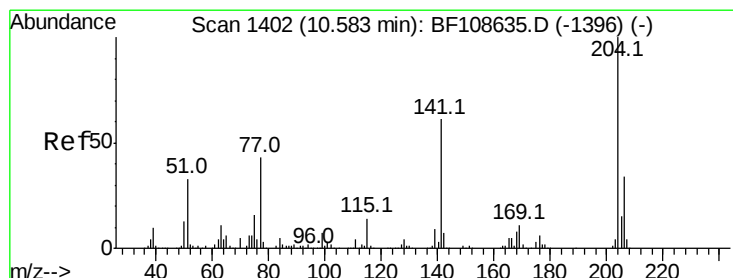
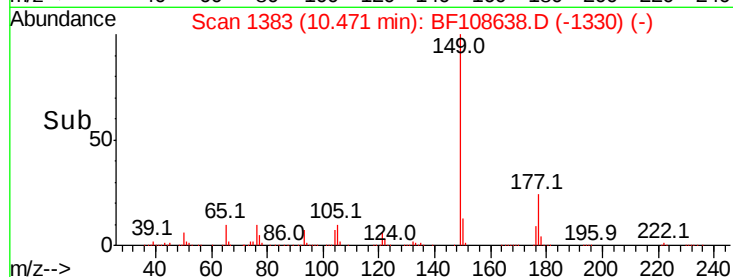
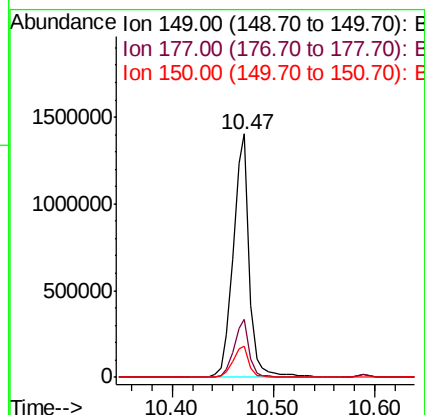
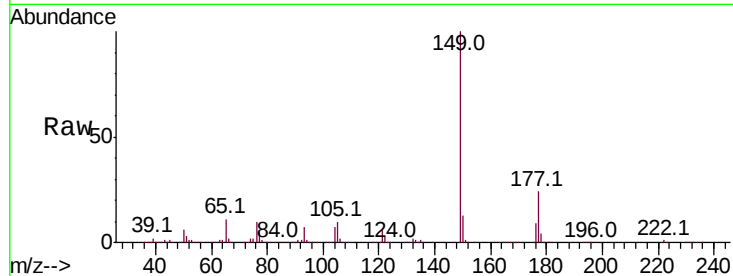




#59
Diethylphthalate
Concen: 84.903 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

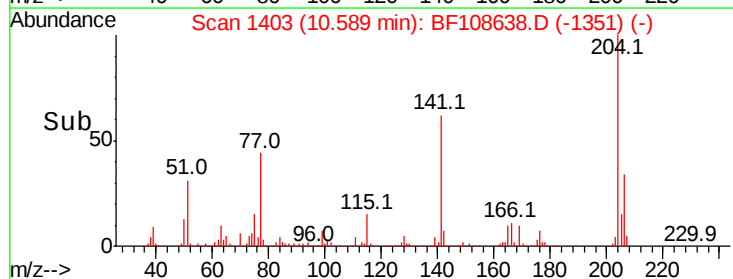
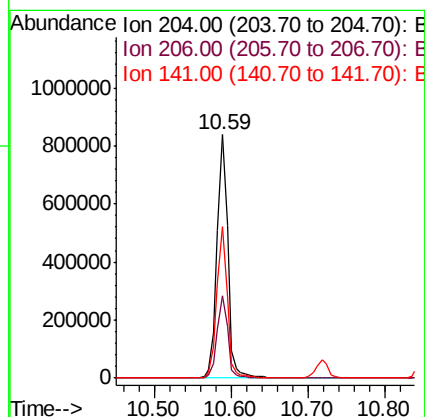
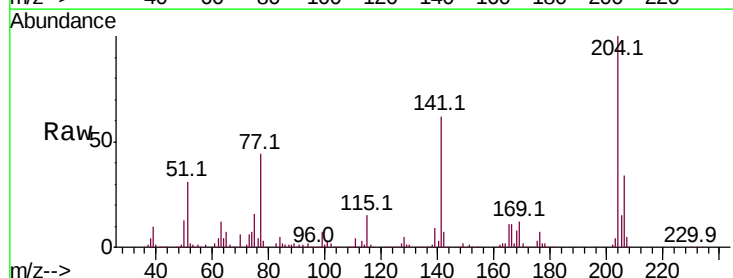
Instrument :
BNA_F
ClientSampleId :

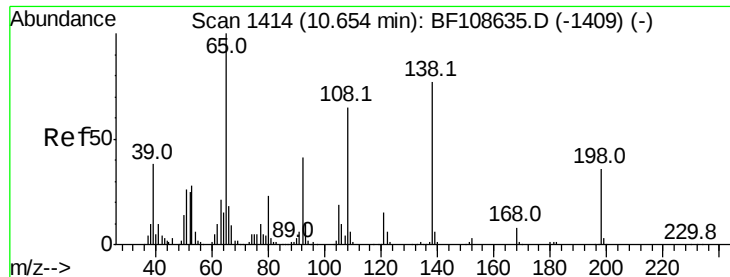
Tot Ion:149 Resp: 1549757
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 87.438 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:204 Resp: 797884
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 62.4 54.6 81.8

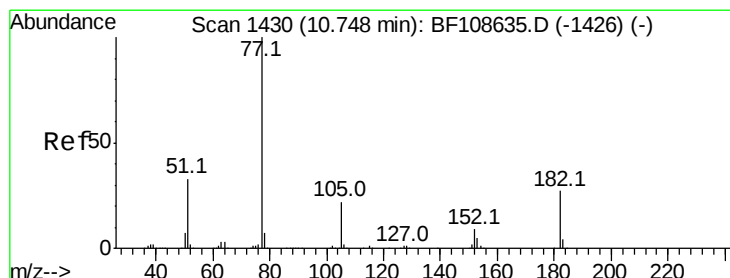
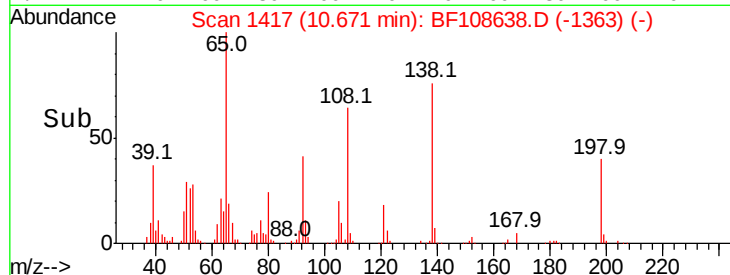
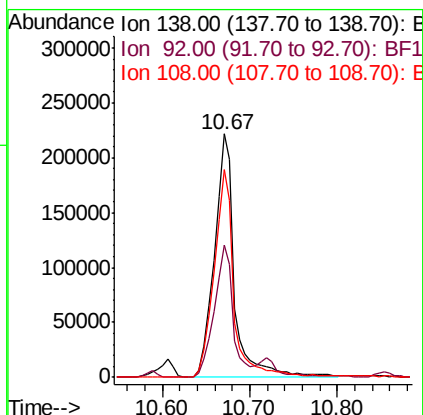
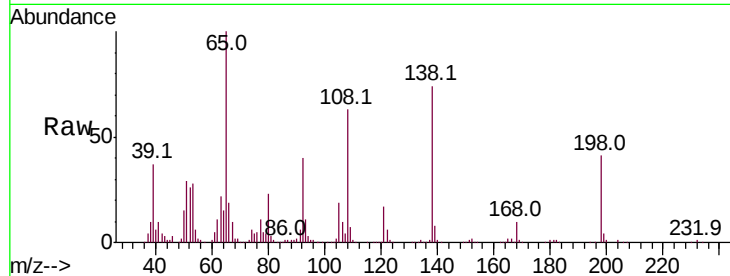




#61
4-Nitroaniline
Concen: 82.204 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

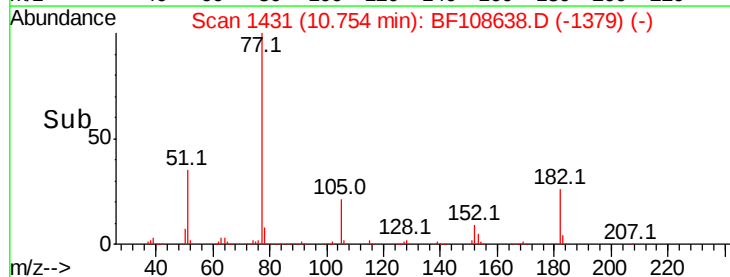
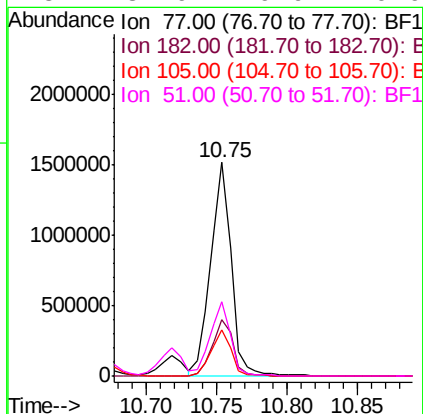
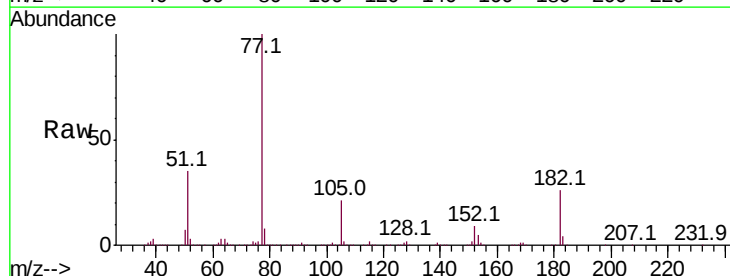
Instrument :
BNA_F
ClientSampled :

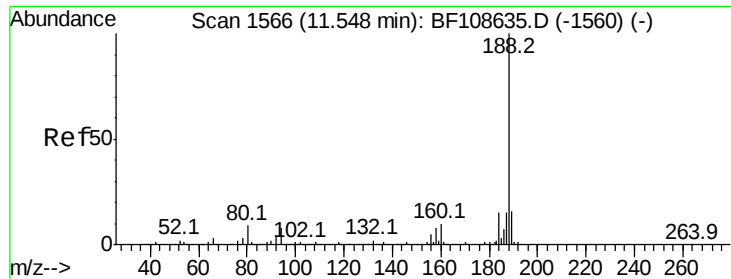
Tot Ion:138 Resp: 350694
Ion Ratio Lower Upper
138 100
92 54.5 30.2 70.2
108 85.3 52.5 92.5



#62
Azobenzene
Concen: 80.734 ng
RT: 10.75 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion: 77 Resp: 1521883
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 21.3 3.0 43.0
51 34.9 9.9 49.9

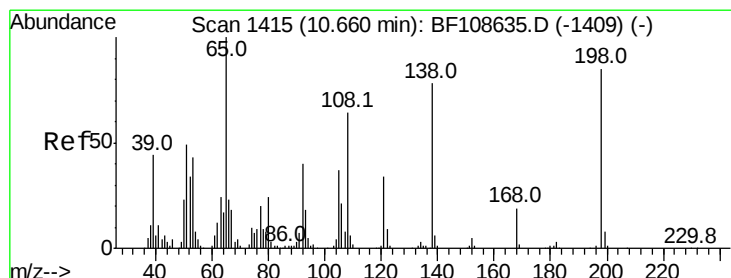
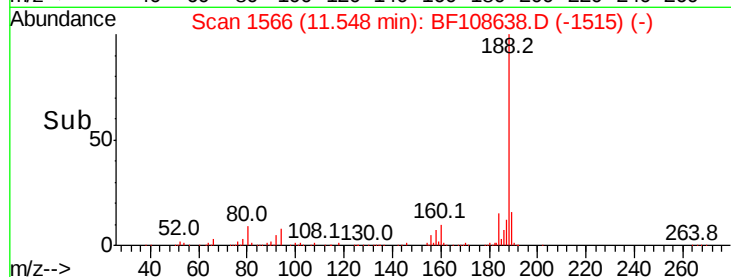
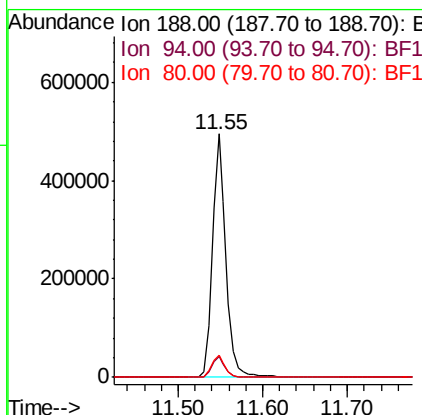
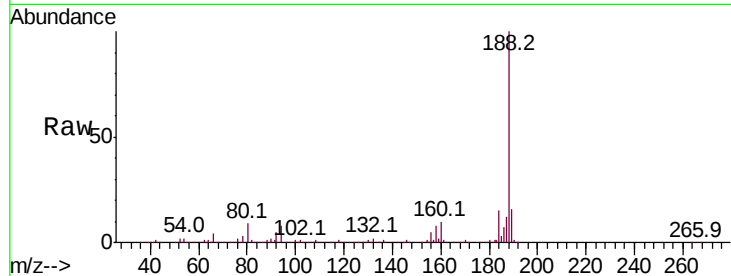




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

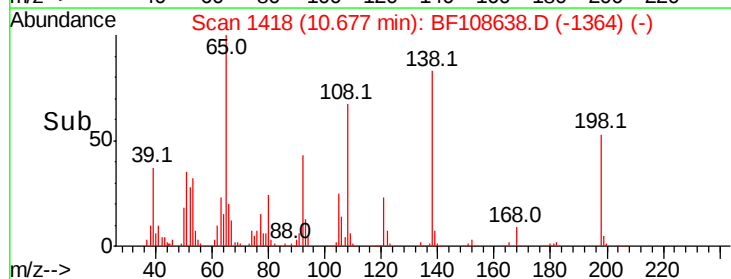
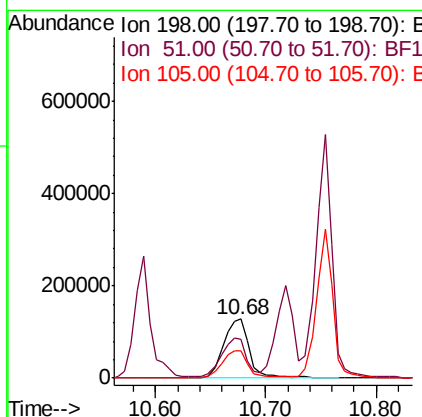
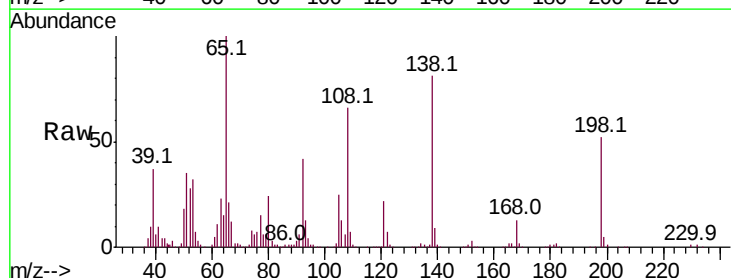
Instrument :
BNA_F
ClientSampleId :

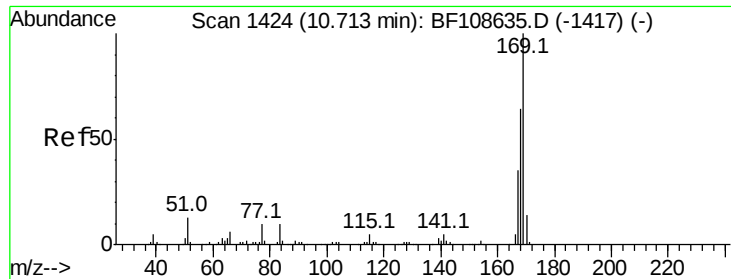
Tot Ion:188 Resp: 558243
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 108.361 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.02 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:198 Resp: 208499
Ion Ratio Lower Upper
198 100
51 66.6 37.7 77.7
105 47.4 36.3 76.3

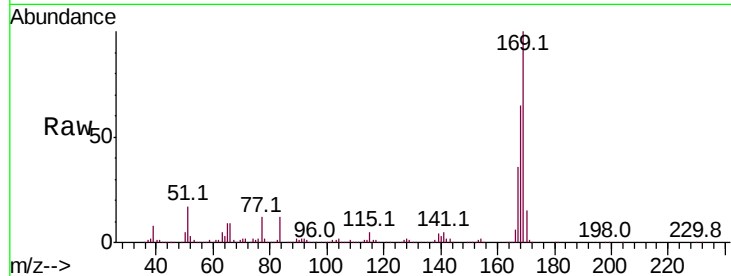




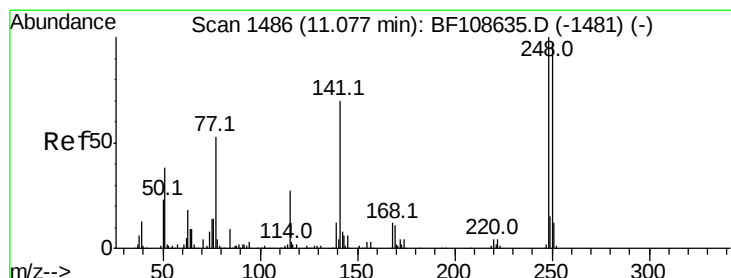
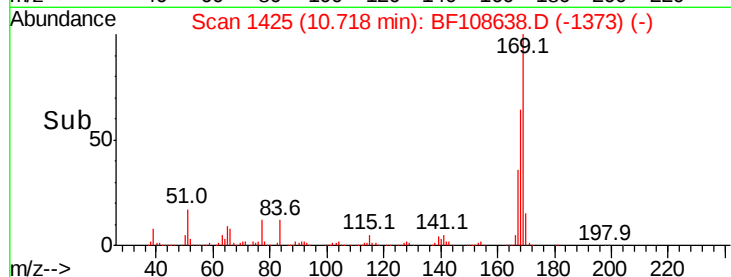
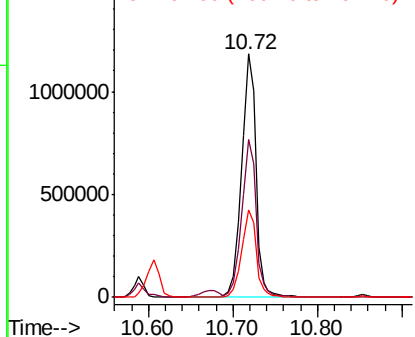
#65
n-Nitrosodiphenylamine
Concen: 83.553 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1378335
Ion Ratio Lower Upper
169 100
168 64.8 54.4 81.6
167 36.2 29.8 44.6

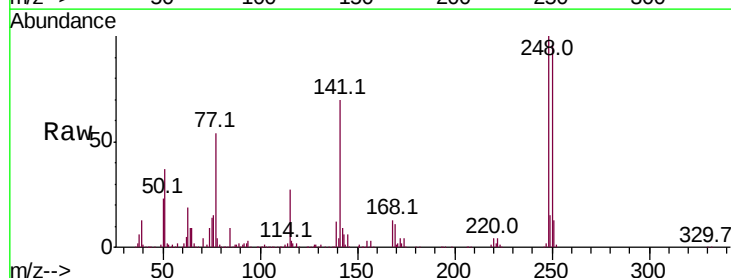


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

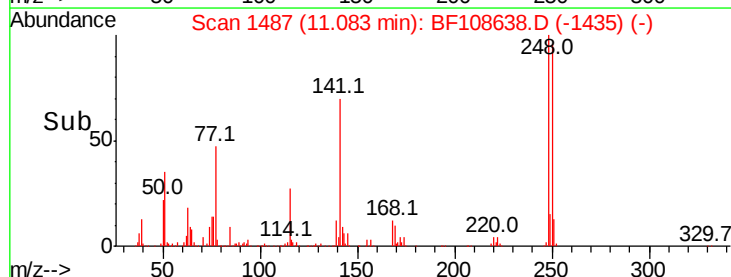
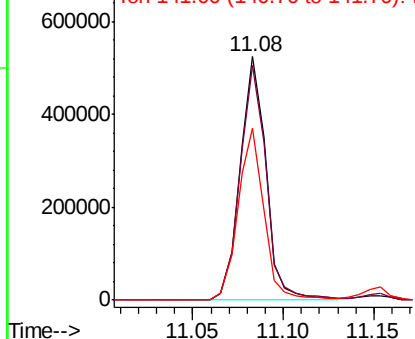


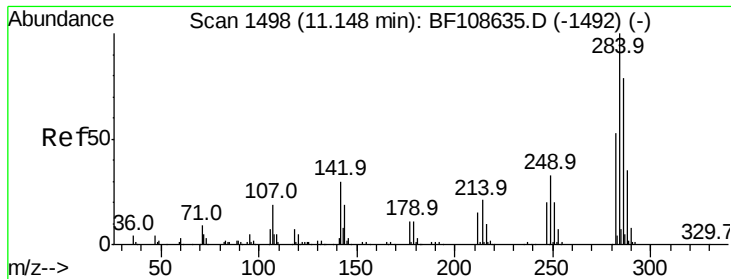
#66
4-Bromophenyl-phenylether
Concen: 85.919 ng
RT: 11.08 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:248 Resp: 521237
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 70.4 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

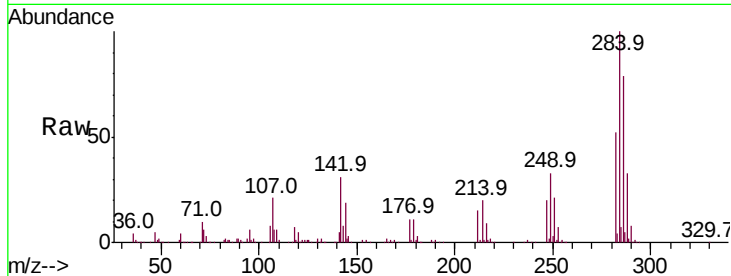




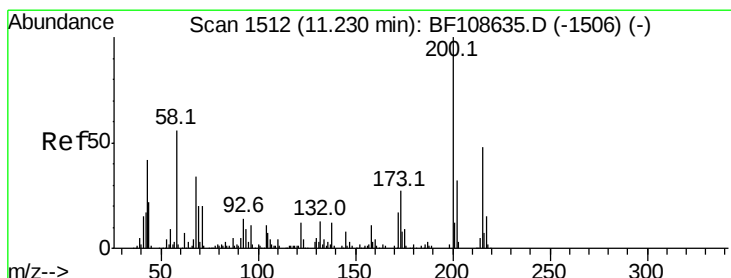
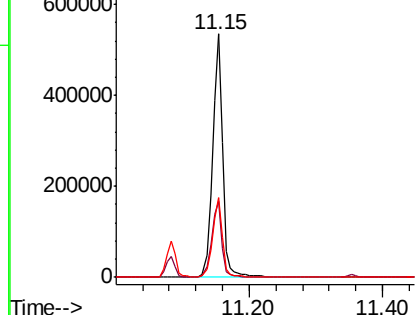
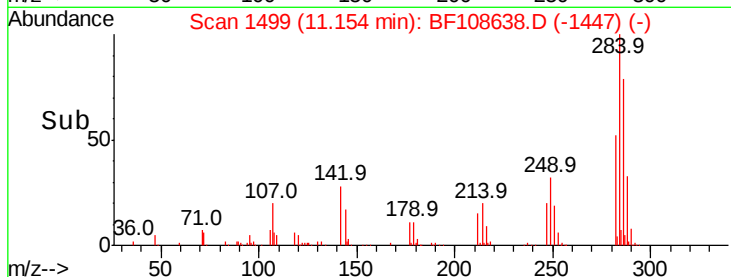
#67
Hexachlorobenzene
Concen: 88.410 ng
RT: 11.15 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.4	34.6	52.0#
249	32.5	24.8	37.2

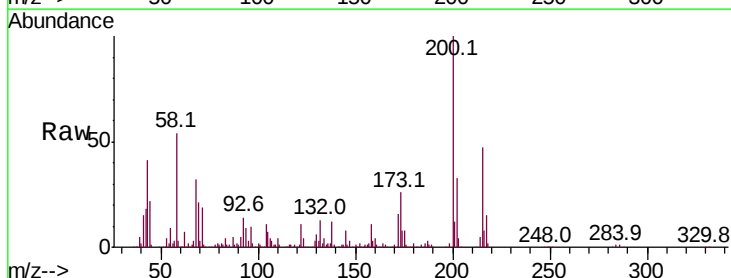


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

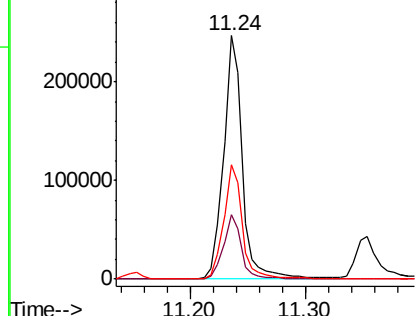
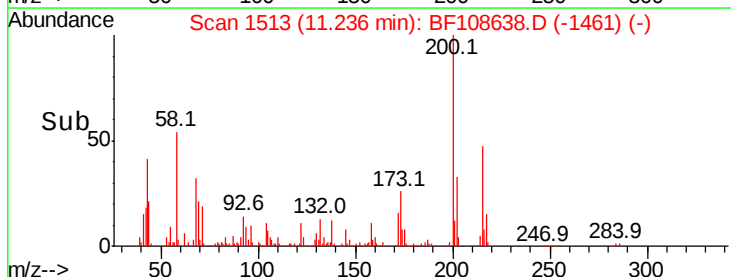


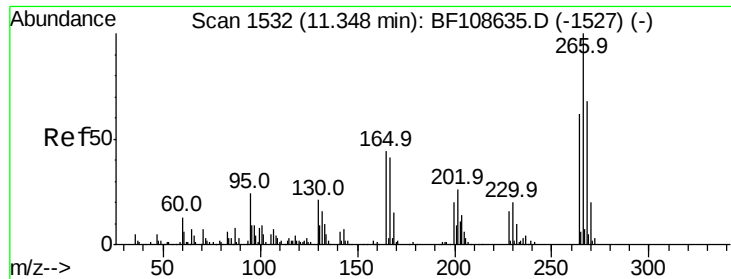
#68
Atrazine
Concen: 50.496 ng
RT: 11.24 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.6	48.6
215	47.1	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

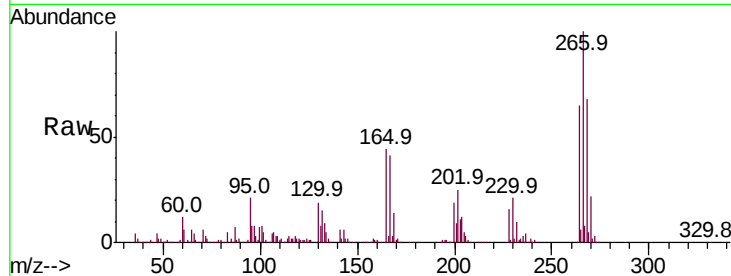




#69
 Pentachlorophenol
 Concen: 104.431 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	51.1	76.7
264	64.5	49.5	74.3

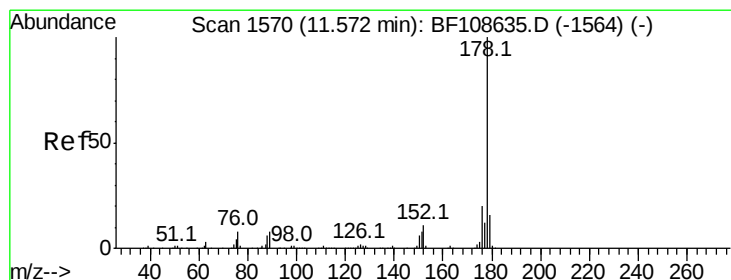
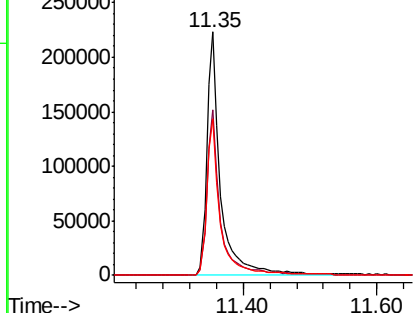
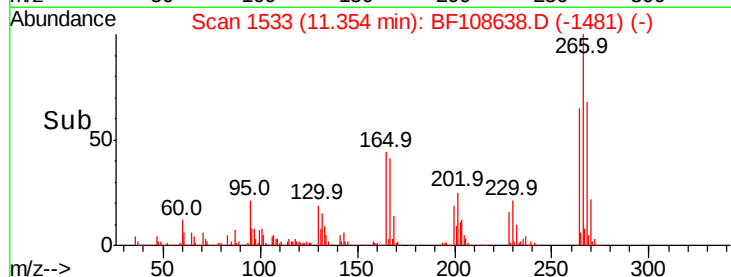


Abundance

Ion 265.70 (265.40 to 266.40): E

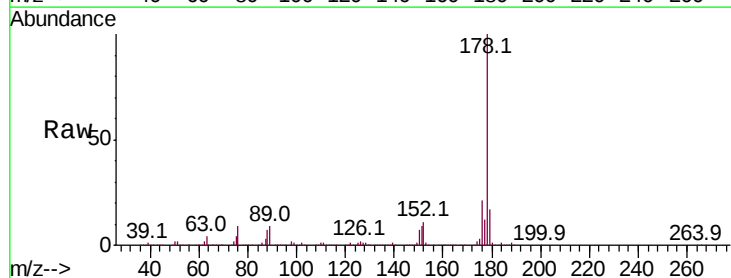
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 76.933 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.6	13.0	19.6

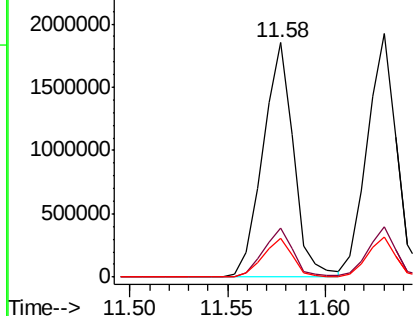
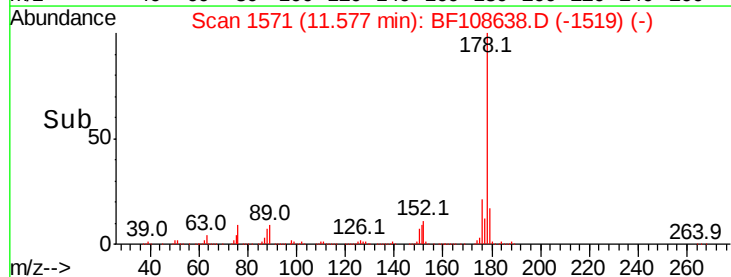


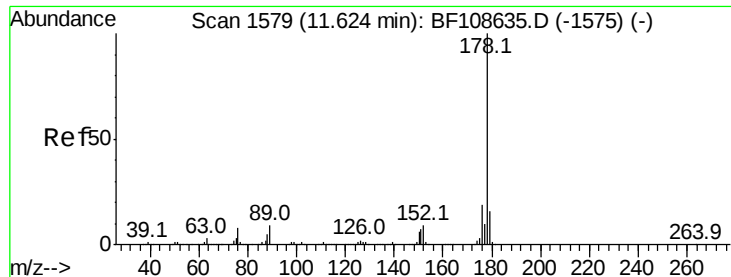
Abundance

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

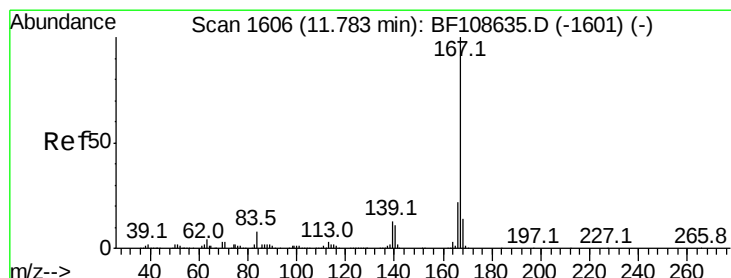
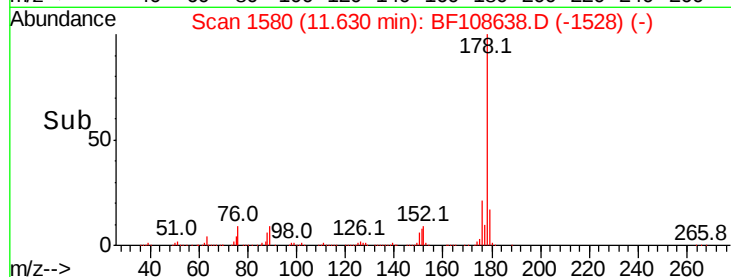
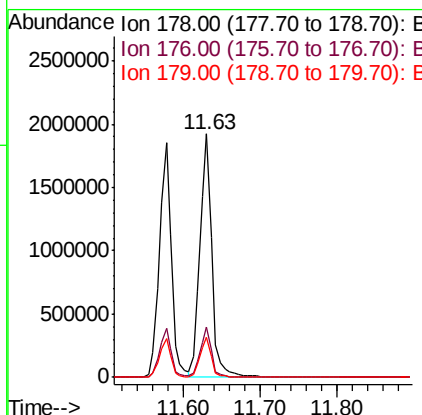
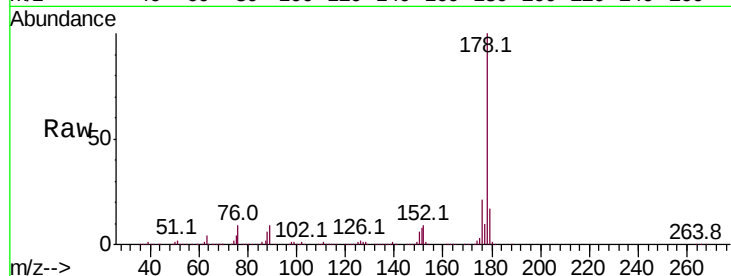




#71
 Anthracene
 Concen: 77.431 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

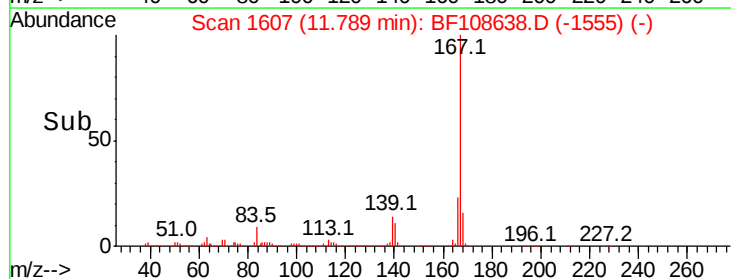
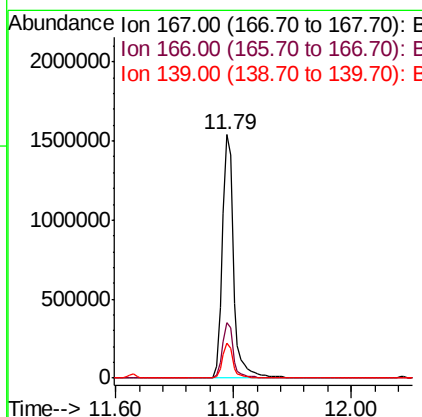
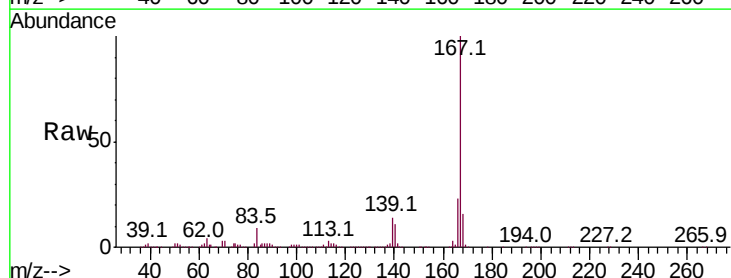
Instrument :
 BNA_F
 ClientSampleId :

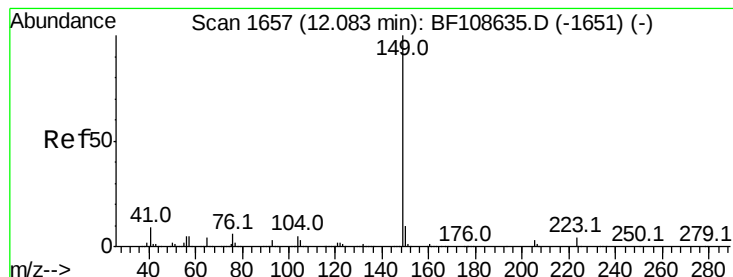
Tot Ion:178 Resp: 2089606
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.6 12.6 19.0



#72
 Carbazole
 Concen: 83.846 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:167 Resp: 2010366
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 83.839 ng

RT: 12.09 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

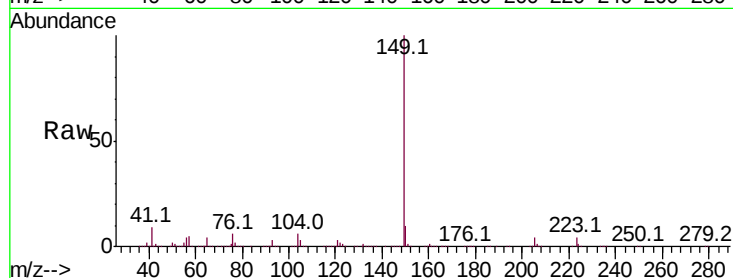
Tot Ion:149 Resp: 2276920

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

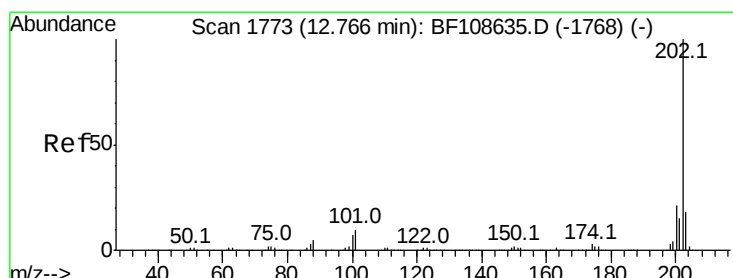
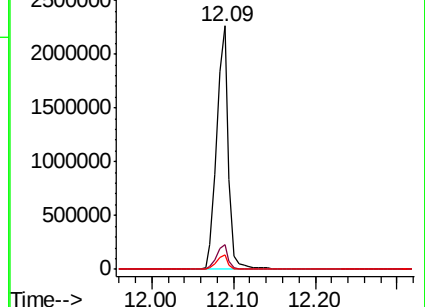
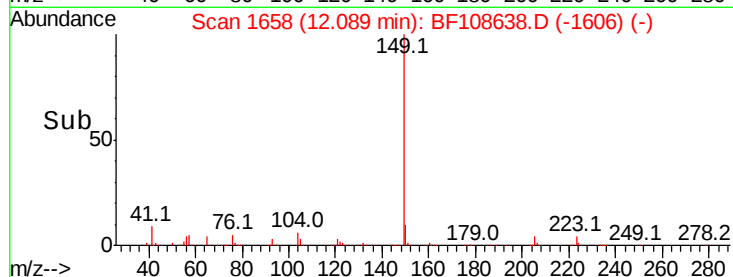
104 5.8 3.8 5.8#



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: 74.564 ng

RT: 12.77 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

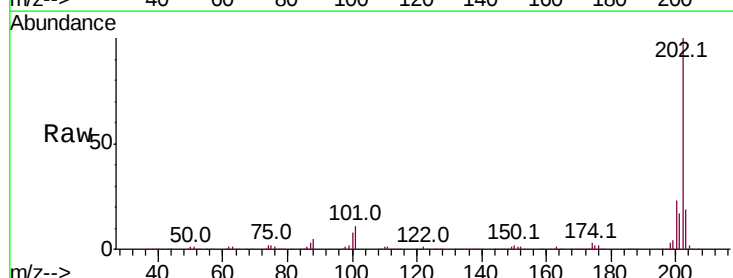
Tgt Ion:202 Resp: 2142703

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

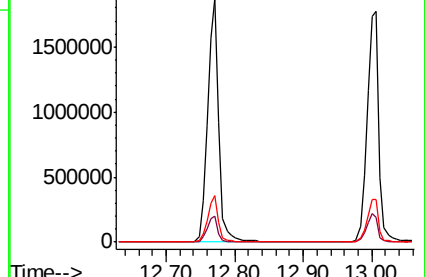
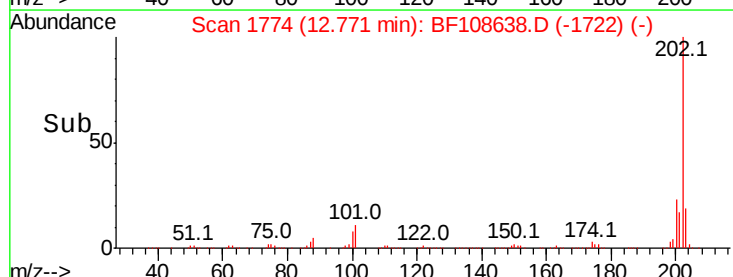
203 19.1 0.0 38.1

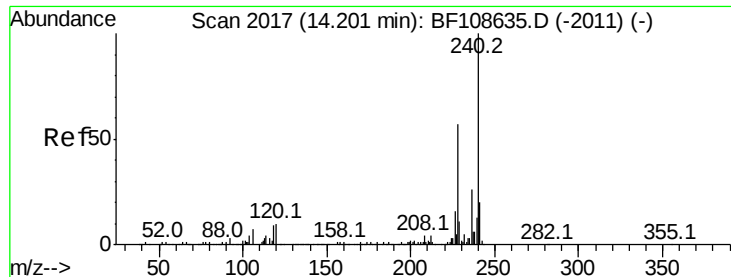


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampled :

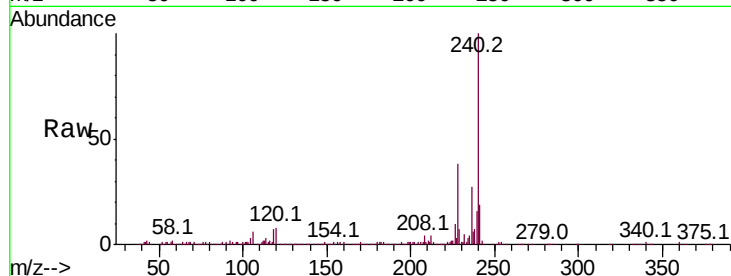
Tot Ion:240 Resp: 347795

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

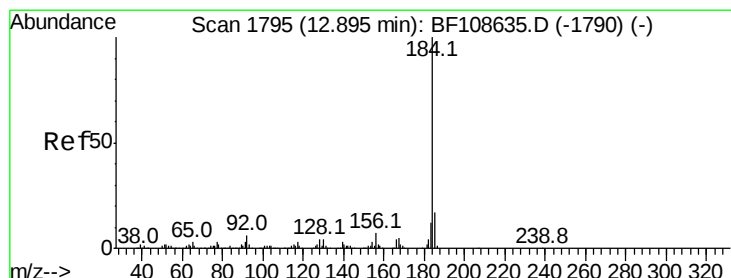
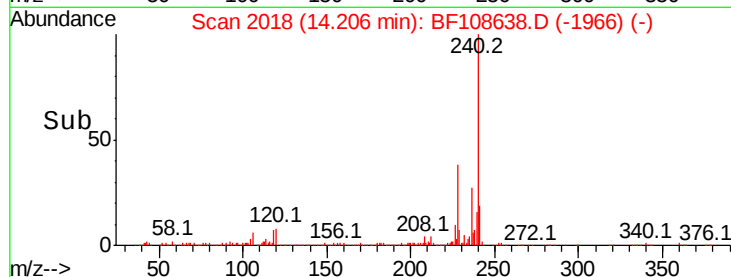
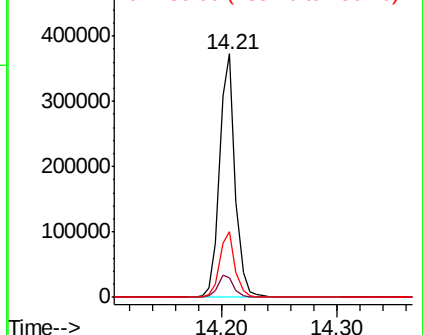
236 27.0 20.7 31.1



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: 3.112 ng

RT: 13.14 min Scan# 1836

Delta R.T. 0.24 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

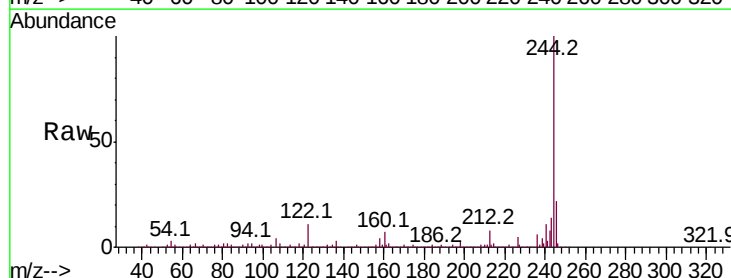
Tgt Ion:184 Resp: 40435

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

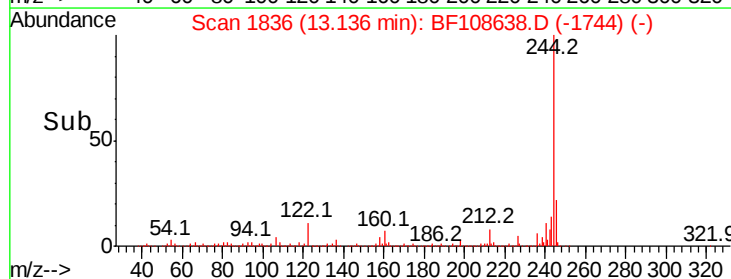
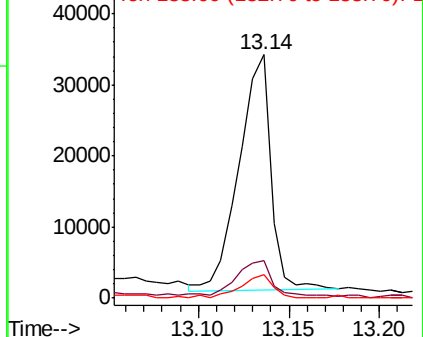
183 9.6 9.3 13.9

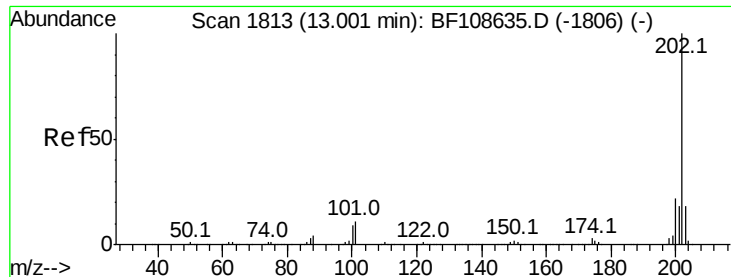


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

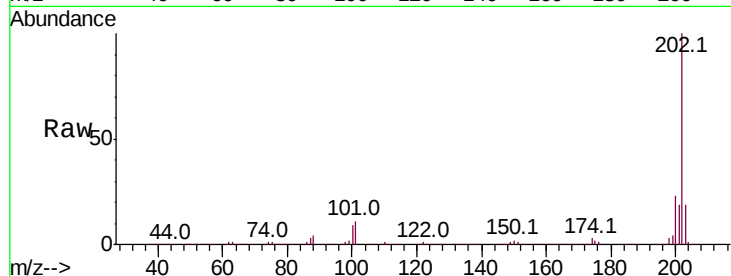




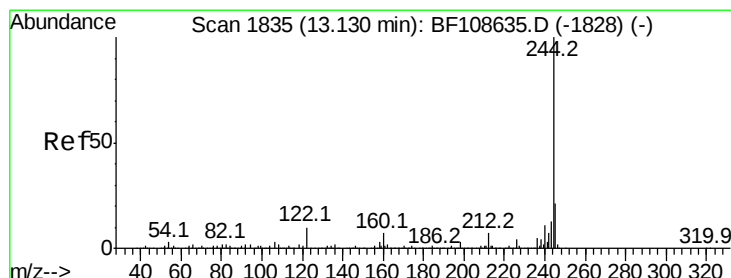
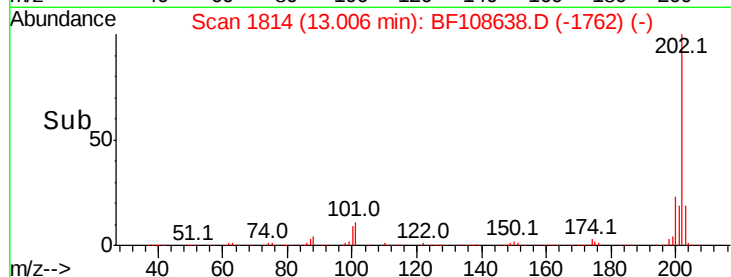
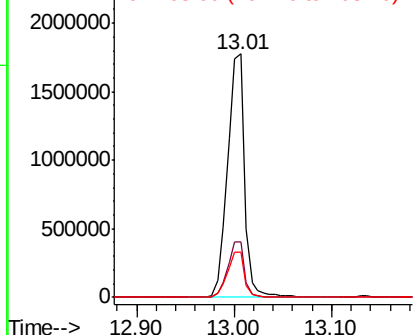
#77
Pvrene
Concen: 97.891 ng
RT: 13.01 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2155457
Ion Ratio Lower Upper
202 100
200 23.0 17.4 26.2
203 18.7 14.3 21.5

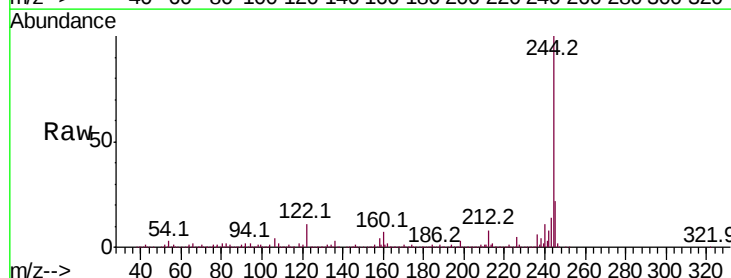


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

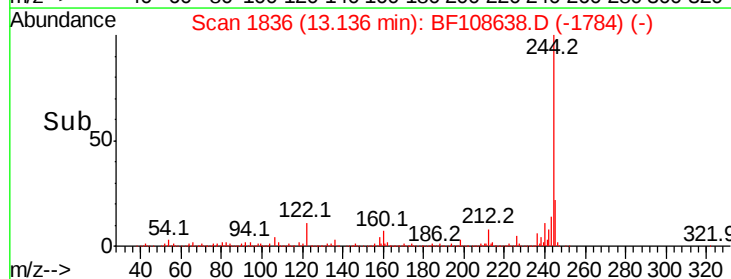
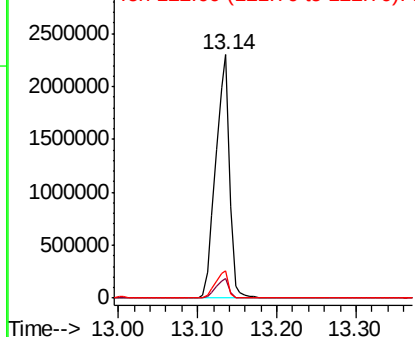


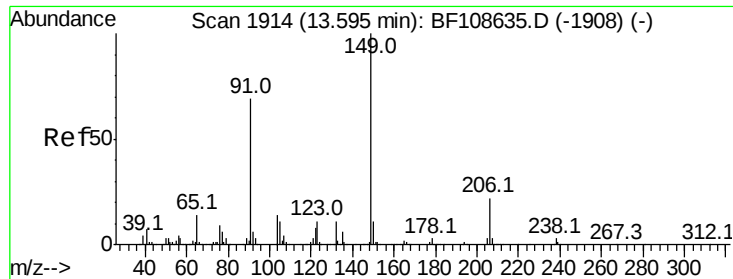
#78
Terphenyl-d14
Concen: 203.855 ng
RT: 13.14 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:244 Resp: 2788515
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.0
122 11.2 11.0 16.4



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

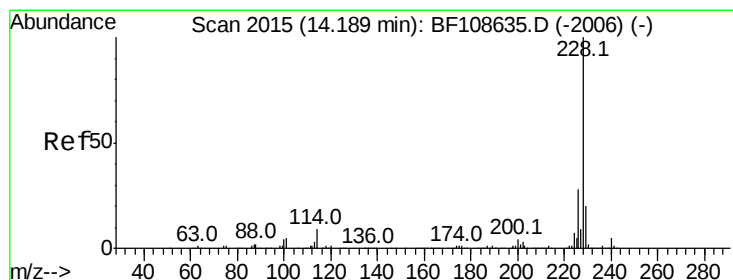
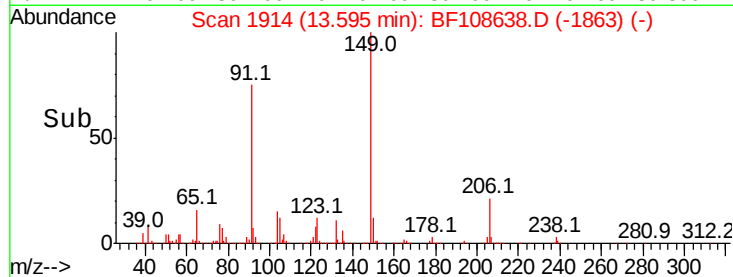
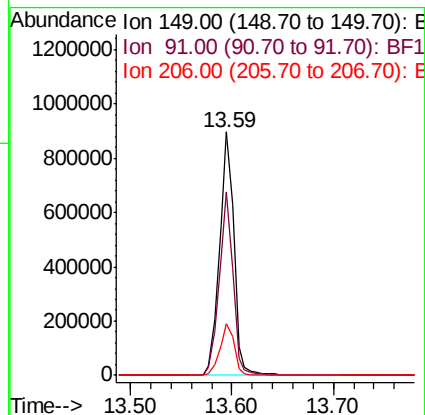
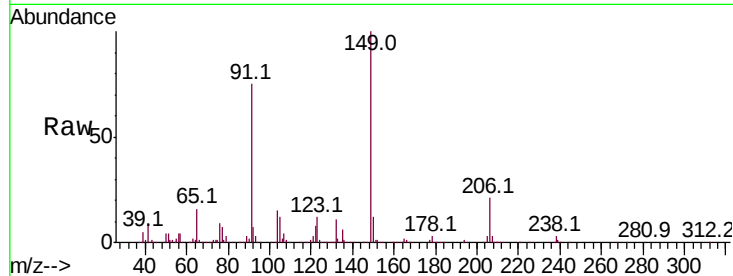




#79
 Butylbenzylphthalate
 Concen: 101.504 ng
 RT: 13.59 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

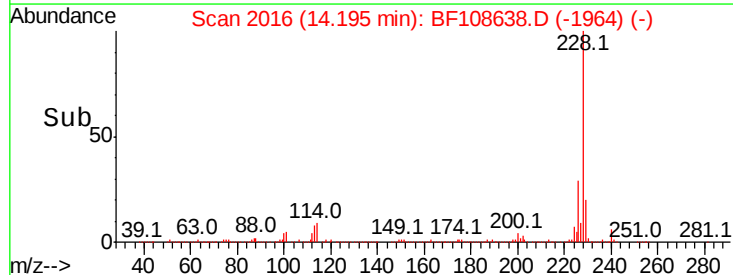
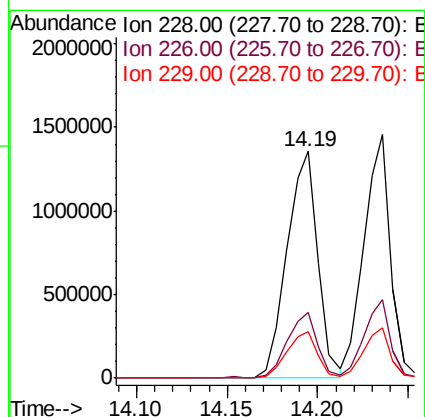
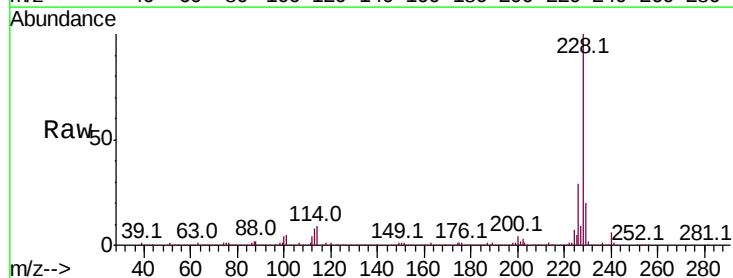
Instrument :
 BNA_F
 ClientSampleId :

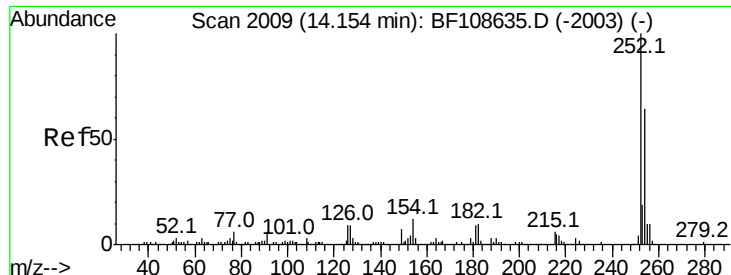
Tot Ion:149 Resp: 887487
 Ion Ratio Lower Upper
 149 100
 91 75.3 56.8 85.2
 206 21.0 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 80.333 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:228 Resp: 1603440
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.6 33.8
 229 20.5 15.8 23.6

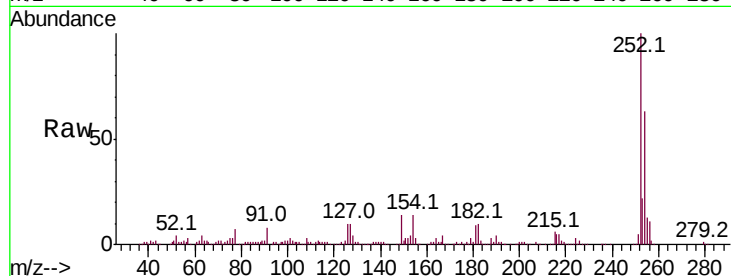




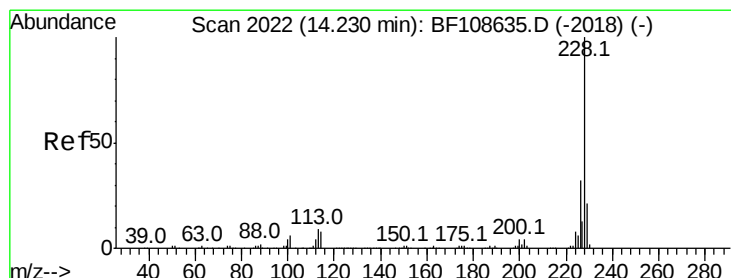
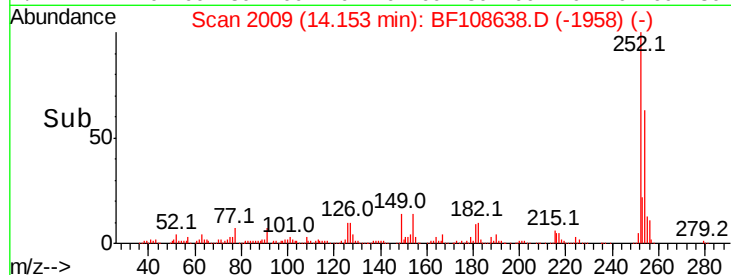
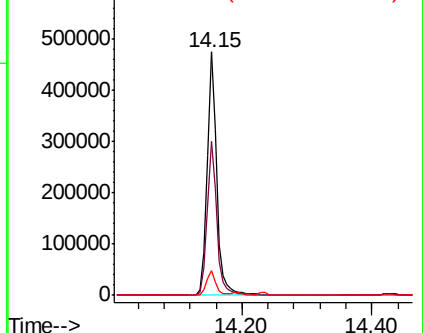
#81
 3,3'-Dichlorobenzidine
 Concen: 68.628 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 490905
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 10.0 11.3 16.9#

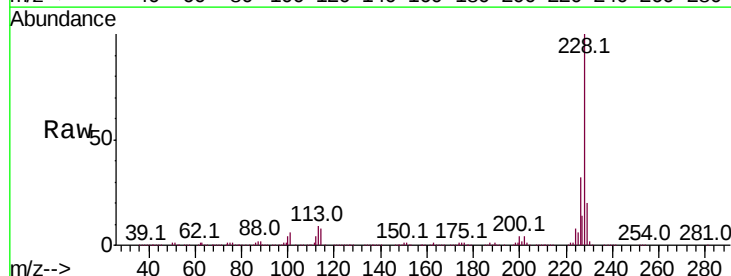


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

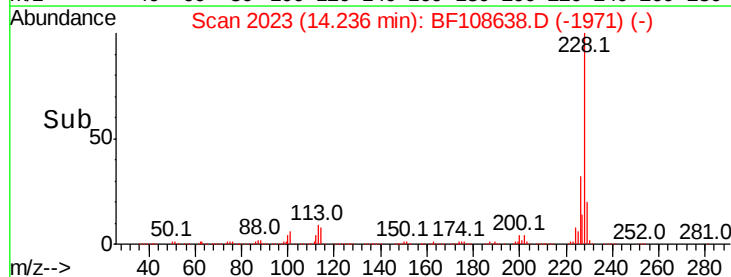
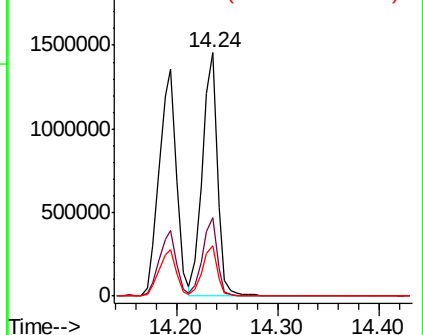


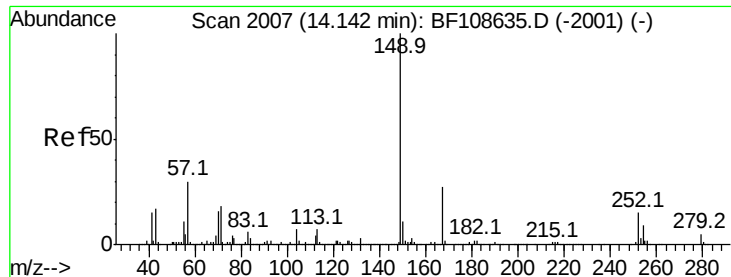
#82
 Chrysene
 Concen: 81.992 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF108638.D
 Acq: 30 Aug 2018 13:27

Tgt Ion:228 Resp: 1500372
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.0 37.6
 229 20.4 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: 93.872 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

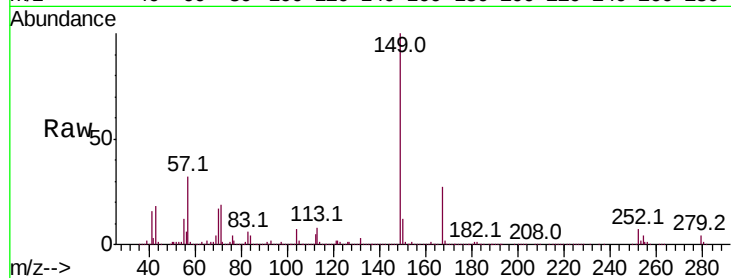
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1111463

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.4	3.0	4.4

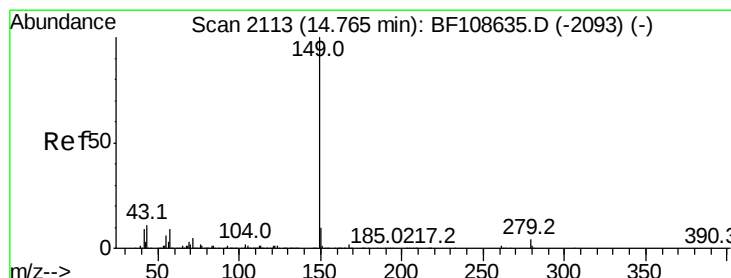
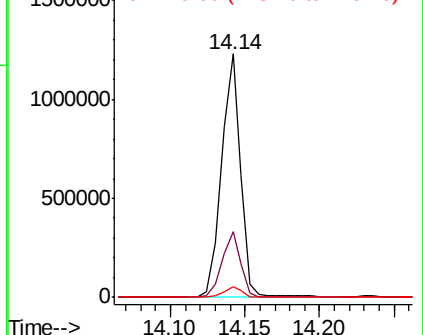
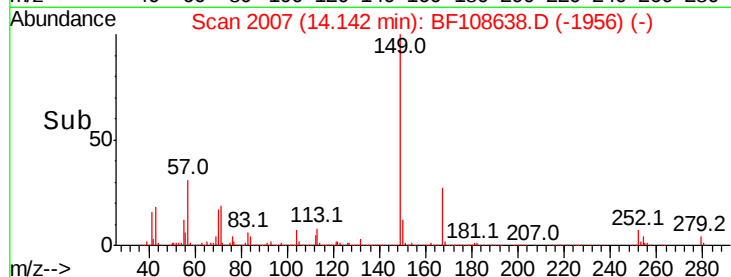


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 85.189 ng

RT: 14.77 min Scan# 2113

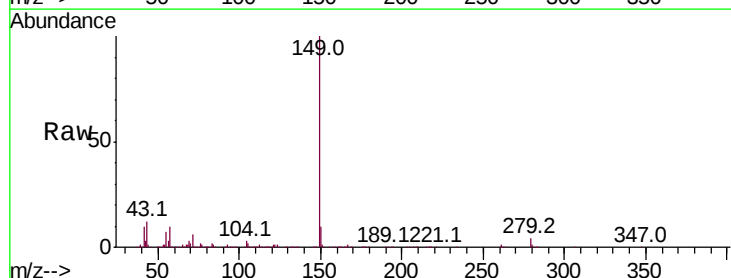
Delta R.T. -0.00 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Tgt Ion:149 Resp: 1538291

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.4	8.4	12.6

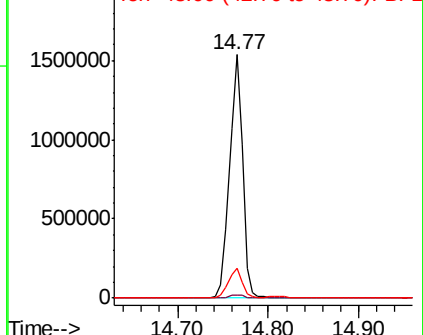
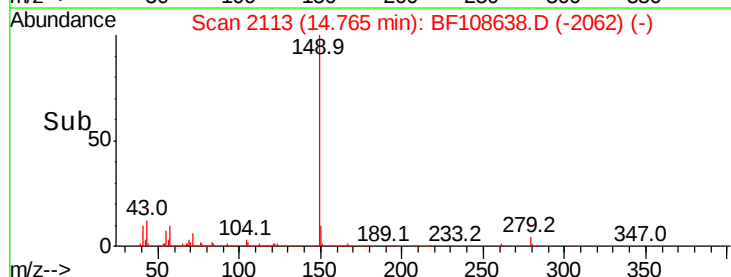


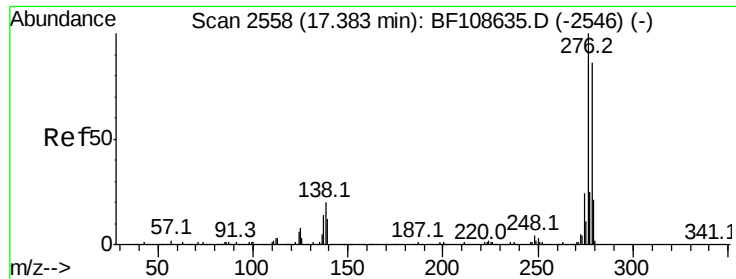
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

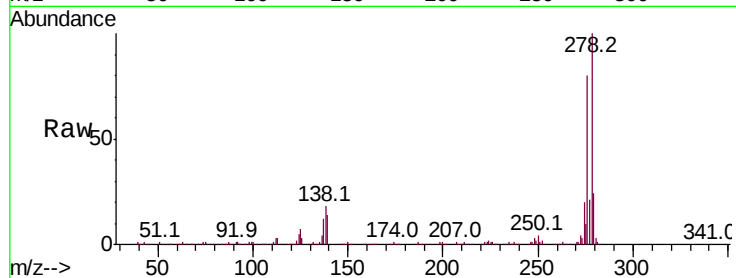




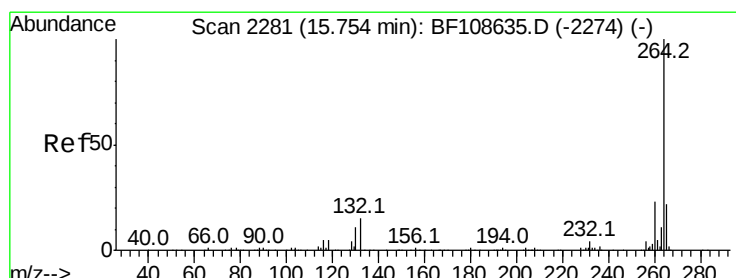
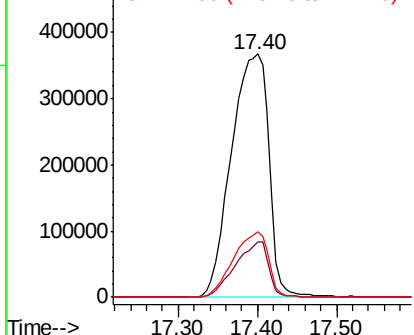
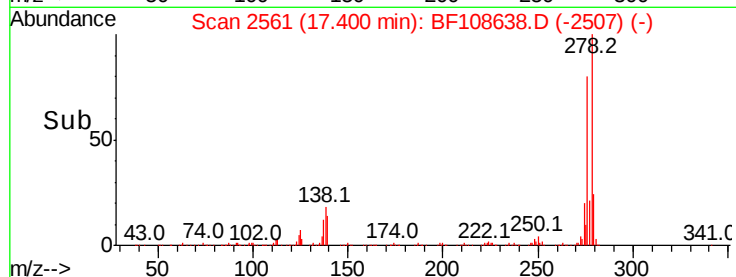
#85
Indeno(1,2,3-cd)pyrene
Concen: 76.259 ng
RT: 17.40 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1209108
Ion Ratio Lower Upper
276 100
138 20.4 25.0 37.6#
277 25.3 20.1 30.1

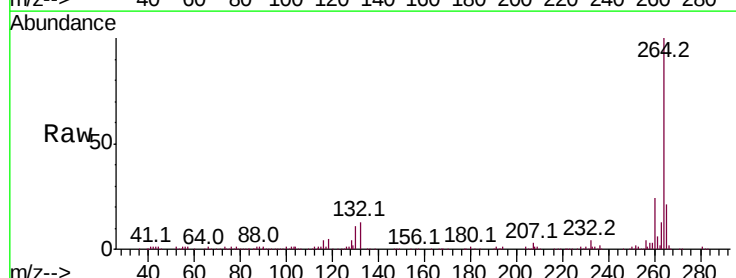


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

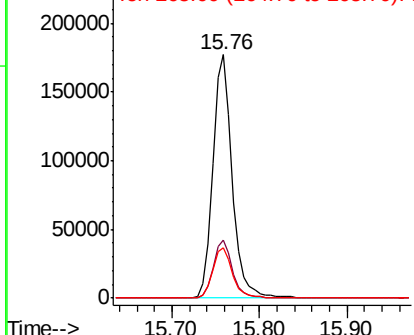
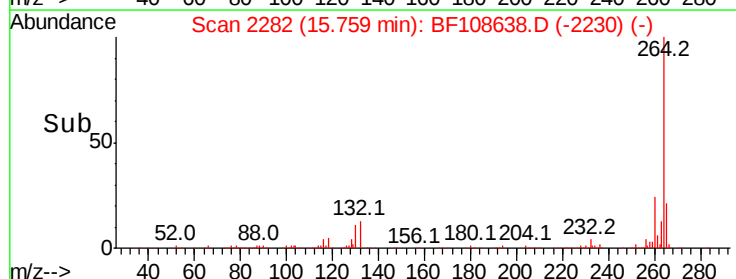


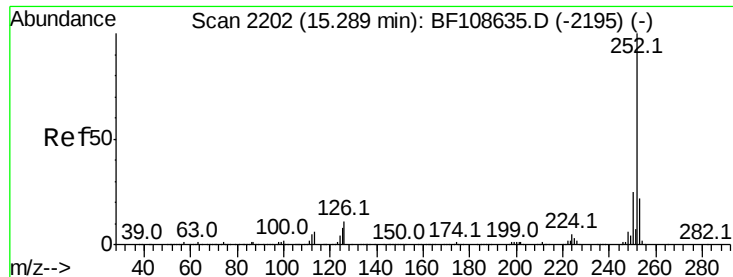
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.76 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:264 Resp: 271119
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 20.8 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

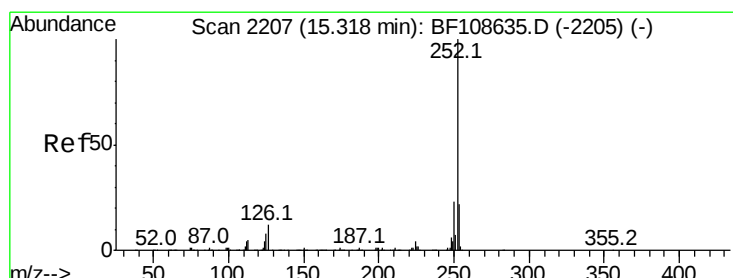
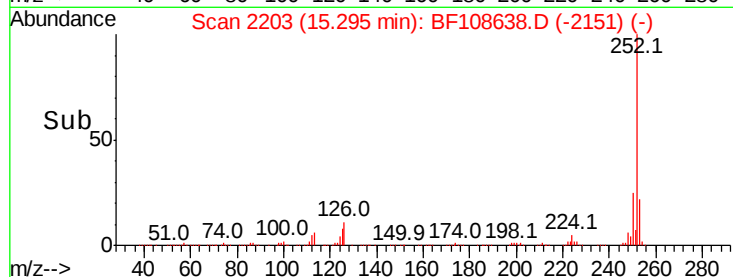
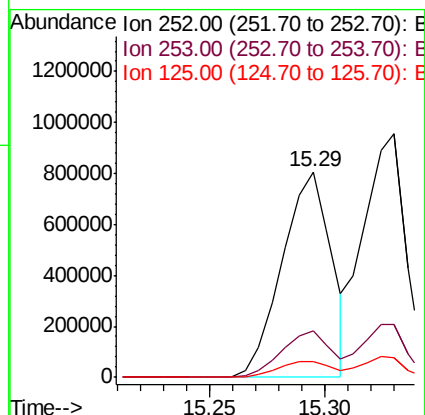
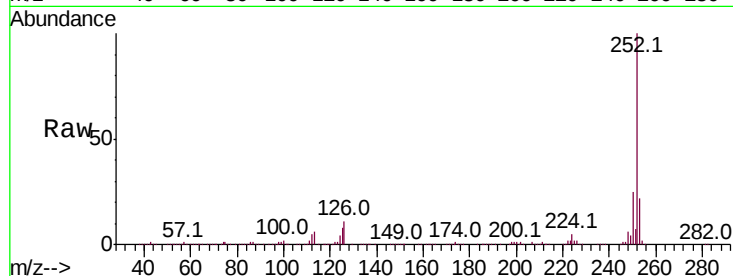




#87
Benzo(b)fluoranthene
Concen: 73.659 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

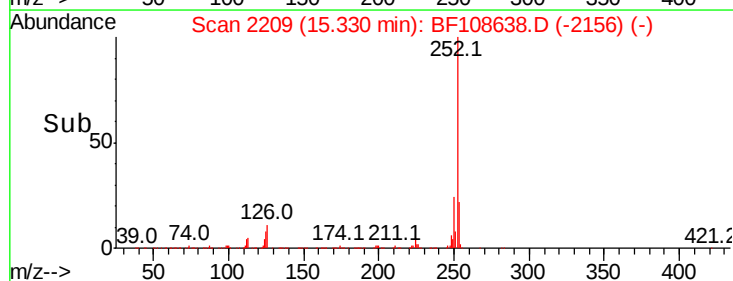
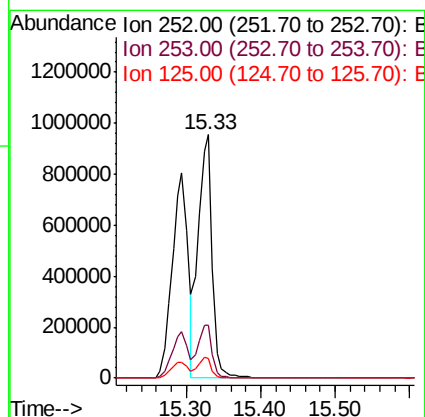
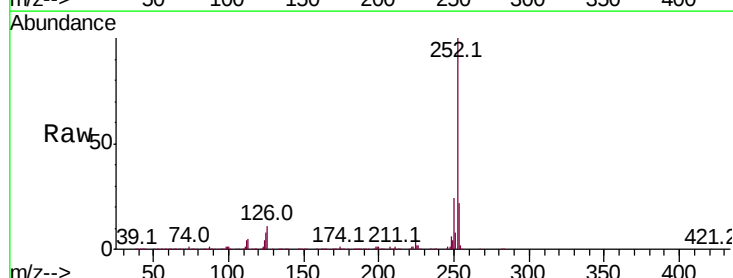
Instrument :
BNA_F
ClientSampleId :

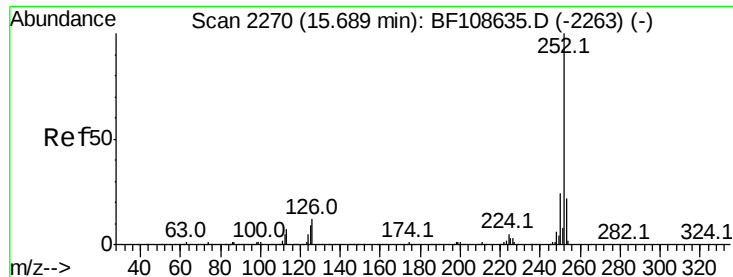
Tot Ion:252 Resp: 1193316
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 7.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 83.691 ng
RT: 15.33 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:252 Resp: 1246335
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 7.8 10.2 15.2#

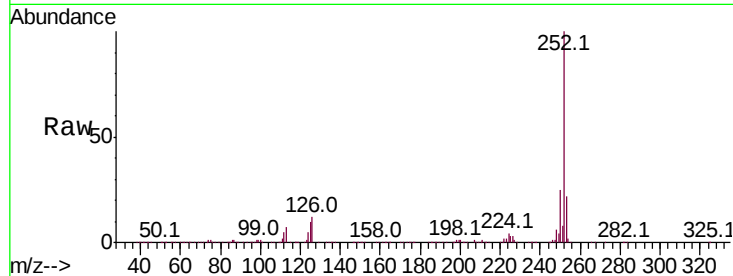




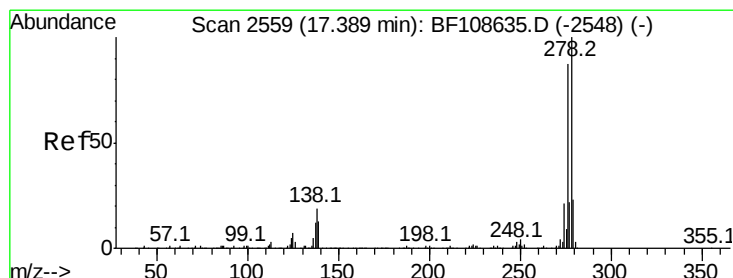
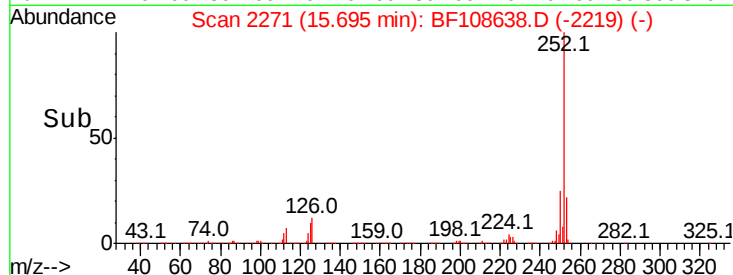
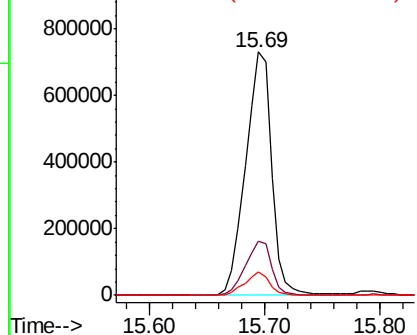
#89
Benzo(a)pyrene
Concen: 78.870 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1144171
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.8 9.8 14.6

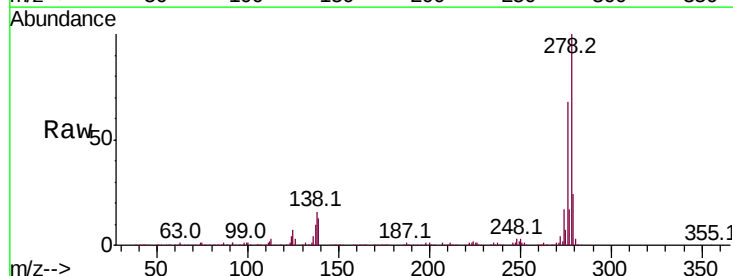


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

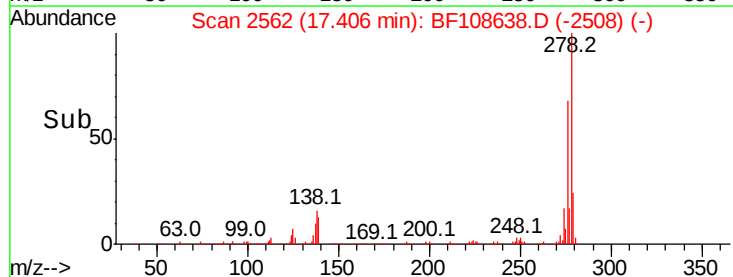
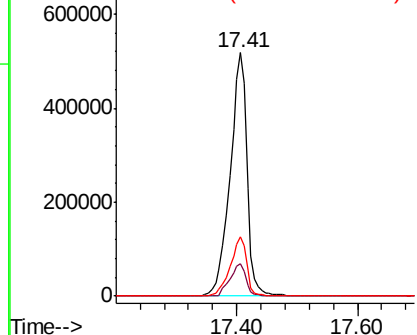


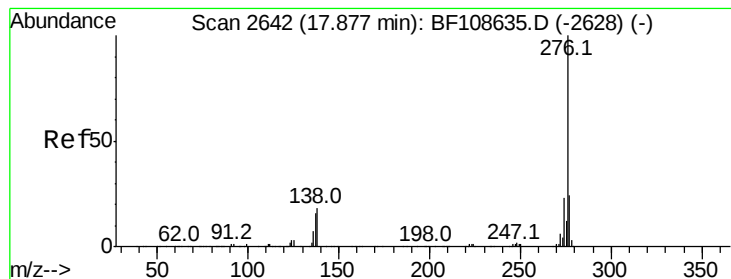
#90
Dibenzo(a,h)anthracene
Concen: 84.146 ng
RT: 17.41 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF108638.D
Acq: 30 Aug 2018 13:27

Tgt Ion:278 Resp: 1010018
Ion Ratio Lower Upper
278 100
139 13.4 15.9 23.9#
279 24.2 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: 84.784 ng

RT: 17.89 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BF108638.D

Acq: 30 Aug 2018 13:27

Instrument :

BNA_F

ClientSampleId :

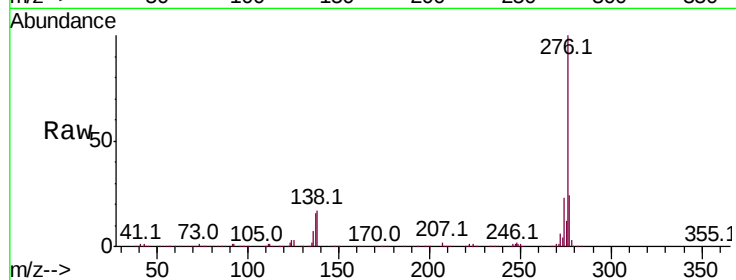
Tot Ion:276 Resp: 1002092

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 17.2 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

