

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100267.D
 Acq On : 6 Nov 2017 22:42
 Operator : SJ/JU
 Sample : I6332-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:21:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98037	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	404681	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	189238	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	328535	20.00	ng	0.00
75) Chrysene-d12	13.94	240	187952	20.00	ng	0.00
86) Perylene-d12	15.40	264	177393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	371691	59.52	ng	0.02
7) Phenol-d6	6.42	99	262103	35.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	524019	83.37	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	202506	117.42	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1039958	84.79	ng	0.00
78) Terphenyl-d14	12.87	244	887361	103.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	40217	14.584	ng	# 87
3) Pyridine	3.36	79	22977	3.465	ng	# 85
4) n-Nitrosodimethylamine	3.27	42	19608	8.277	ng	# 80
6) Aniline	6.44	93	151210	15.750	ng	# 79
8) 2-Chlorophenol	6.56	128	231886	34.842	ng	# 92
9) Benzaldehyde	6.53	77	12201	2.758	ng	# 90
10) Phenol	6.43	94	95103	11.699	ng	# 1
11) bis(2-Chloroethyl)ether	6.50	93	255131	40.641	ng	# 93
12) 1,3-Dichlorobenzene	6.77	146	284957	38.133	ng	# 96
13) 1,4-Dichlorobenzene	6.77	146	284957	37.572	ng	# 98
14) 1,2-Dichlorobenzene	6.93	146	263228	38.082	ng	# 96
15) Benzyl Alcohol	6.92	79	123210	26.166	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	329721	47.282	ng	# 92
17) 2-Methylphenol	7.04	107	152595	27.411	ng	# 91
18) Hexachloroethane	7.26	117	90380	35.719	ng	# 93
19) n-Nitroso-di-n-propylamine	7.18	70	181077	41.732	ng	# 89
20) 3+4-Methylphenols	7.20	107	188240	29.040	ng	# 96
22) Acetophenone	7.18	105	381946	41.452	ng	# 90
24) Nitrobenzene	7.36	77	269399	42.536	ng	# 89
25) Isophorone	7.59	82	505500	44.319	ng	# 97
26) 2-Nitrophenol	7.67	139	154446	42.576	ng	# 91
27) 2,4-Dimethylphenol	7.71	122	276259	51.687	ng	# 95
28) bis(2-Chloroethoxy)methane	7.79	93	346985	43.438	ng	# 99
29) 2,4-Dichlorophenol	7.93	162	235233	42.367	ng	# 95
30) 1,2,4-Trichlorobenzene	7.99	180	225377	37.990	ng	# 99
31) Naphthalene	8.06	128	777347	39.794	ng	# 99
32) Benzoic acid	7.86	122	35699	7.588	ng	# 100
33) 4-Chloroaniline	8.14	127	128348	15.912	ng	# 93
34) Hexachlorobutadiene	8.16	225	105568	34.596	ng	# 98
36) 4-Chloro-3-methylphenol	8.62	107	219038	38.651	ng	# 93
37) 2-Methylnaphthalene	8.76	142	547903	41.854	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	229757	37.592	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	28505	33.890	ng	# 96
42) 2,4,6-Trichlorophenol	9.05	196	150145	40.613	ng	# 99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
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 Sample : I6332-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

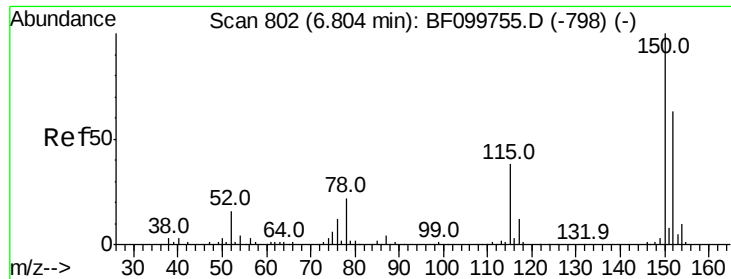
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:21:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.10	196	139409	35.535	nq	# 94
45) 1,1'-Biphenyl	9.22	154	662939	38.725	nq	97
46) 2-Chloronaphthalene	9.25	162	514362	41.372	nq	97
47) 2-Nitroaniline	9.36	65	136806	41.926	nq	90
48) Acenaphthylene	9.66	152	779245	40.694	nq	99
49) Dimethylphthalate	9.53	163	598170	39.915	nq	99
50) 2,6-Dinitrotoluene	9.60	165	133548	42.390	nq	# 86
51) Acenaphthene	9.83	154	463630	39.625	nq	99
52) 3-Nitroaniline	9.79	138	66083	17.802	nq	88
53) 2,4-Dinitrophenol	9.91	184	108158	86.452	nq	# 84
54) Dibenzofuran	10.00	168	710769	43.036	nq	99
55) 4-Nitrophenol	10.00	139	292107	150.603	nq	# 12
56) 2,4-Dinitrotoluene	10.02	165	187872	49.518	nq	# 80
57) Fluorene	10.35	166	570738	41.737	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126591	46.022	nq	# 85
59) Diethylphthalate	10.22	149	582533	39.805	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	262470	40.783	nq	94
61) 4-Nitroaniline	10.40	138	130786	36.928	nq	84
62) Azobenzene	10.50	77	498268	40.616	nq	88
64) 4,6-Dinitro-2-methylphenol	10.44	198	66353	32.129	nq	# 76
65) n-Nitrosodiphenylamine	10.46	169	500460	41.266	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	152571	44.113	nq	93
67) Hexachlorobenzene	10.90	284	153095	43.266	nq	95
68) Atrazine	10.99	200	150981	41.444	nq	99
69) Pentachlorophenol	11.11	266	97045	64.185	nq	97
70) Phenanthrene	11.32	178	794486	42.851	nq	98
71) Anthracene	11.37	178	822981	43.729	nq	99
72) Carbazole	11.53	167	756033	42.719	nq	99
73) Di-n-butylphthalate	11.84	149	915837	40.572	nq	# 97
74) Fluoranthene	12.51	202	779084	40.434	nq	97
76) Benzidine	12.64	184	137597	16.731	nq	97
77) Pyrene	12.74	202	770985	53.946	nq	98
79) Butylbenzylphthalate	13.34	149	348415	49.507	nq	# 85
80) Benzo(a)anthracene	13.93	228	499563	41.928	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	101402	23.445	nq	100
82) Chrysene	13.97	228	487744	43.542	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	437366	44.254	nq	98
84) Di-n-octyl phthalate	14.50	149	618576	36.466	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.87	276	515919	50.171	nq	97
87) Benzo(b)fluoranthene	14.98	252	429953	38.383	nq	98
88) Benzo(k)fluoranthene	15.01	252	462397	43.777	nq	99
89) Benzo(a)pyrene	15.34	252	449683	44.691	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	435292	48.686	nq	97
91) Benzo(g,h,i)perylene	17.32	276	447168	51.121	nq	97

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

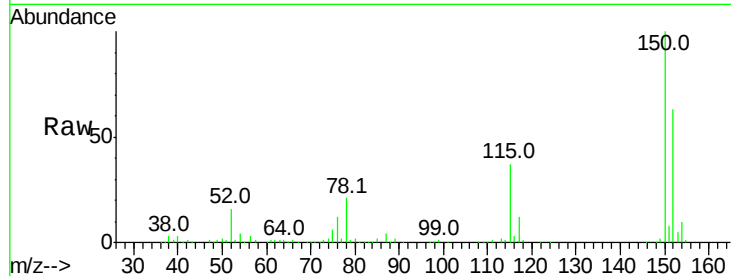


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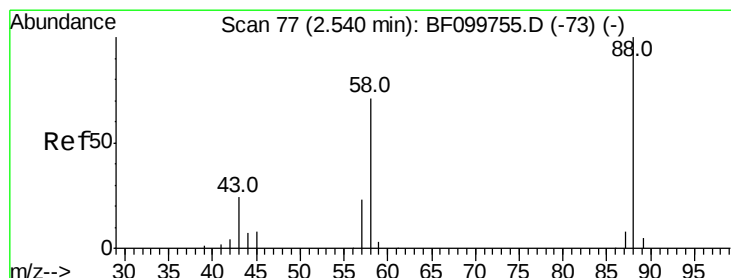
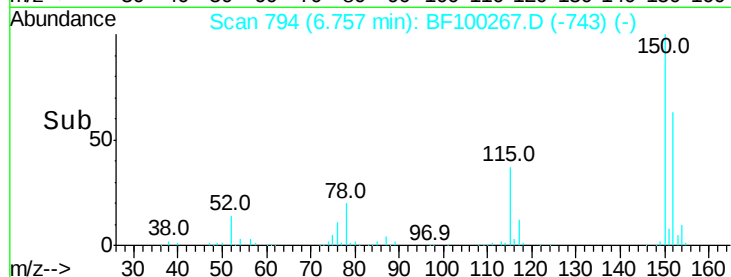
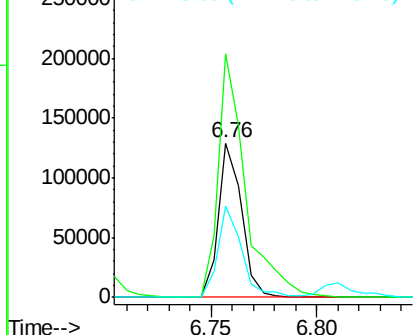
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98037
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 58.9 50.1 75.1



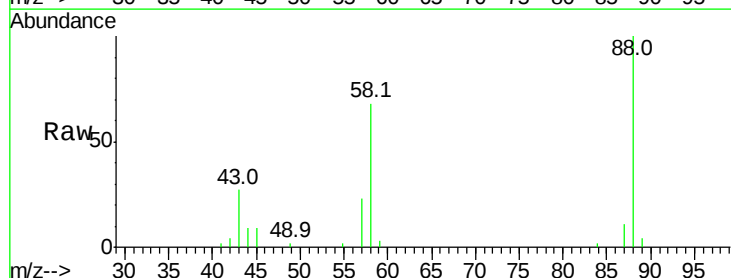
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



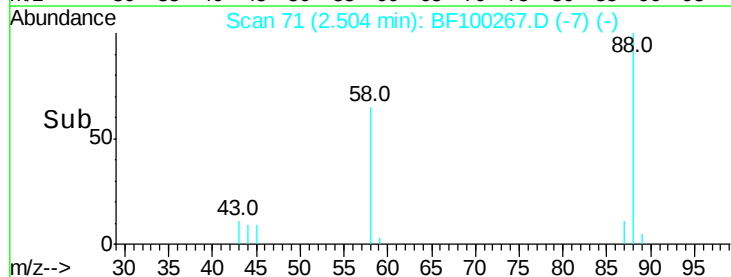
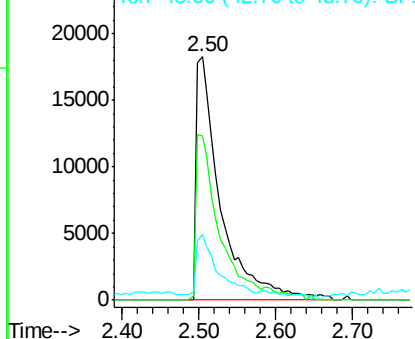
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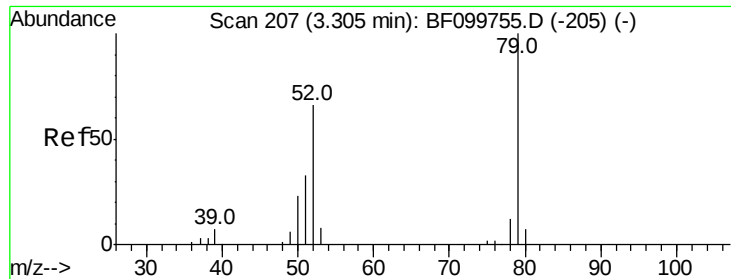
1,4-Dioxane
Concen: 14.584 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.08 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion: 88 Resp: 40217
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 20.6 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

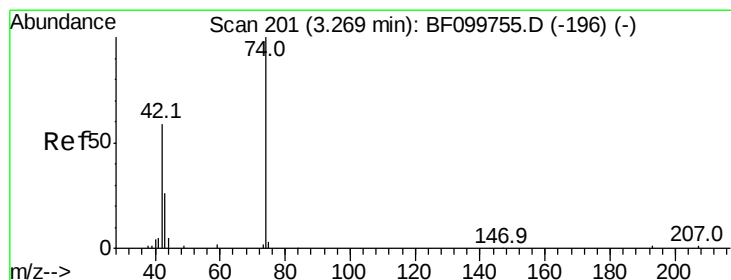
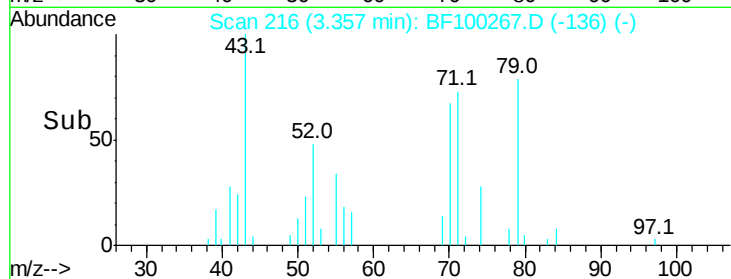
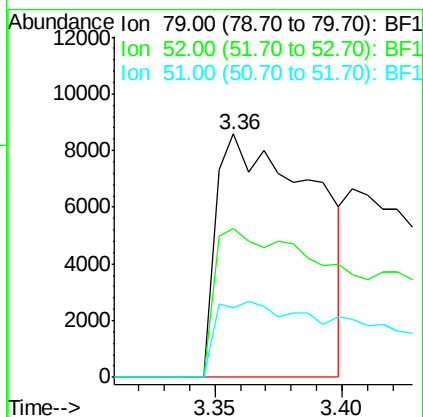
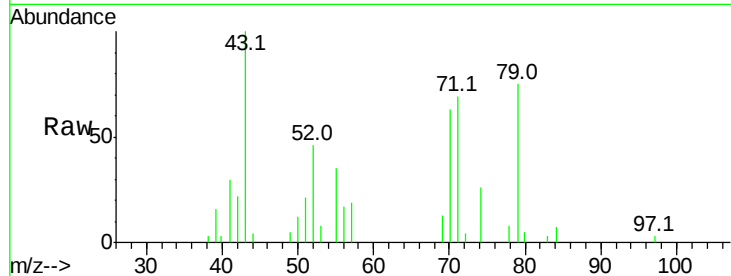




#3
 Pvridine
 Concen: 3.465 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.17 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

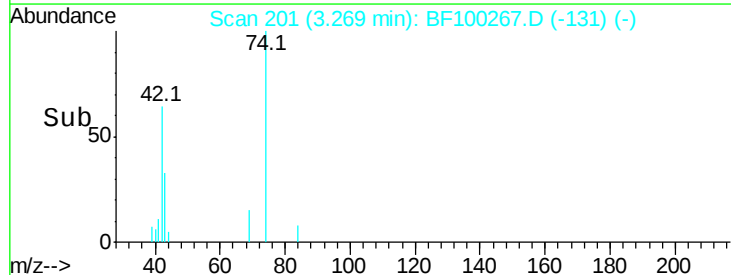
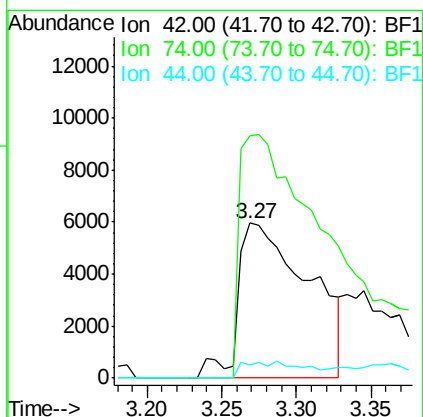
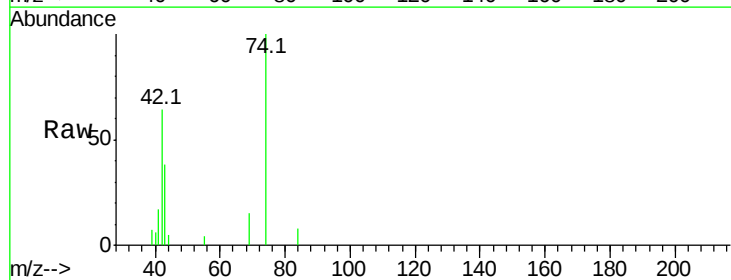
Instrument :
 BNA_F
 ClientSampled :

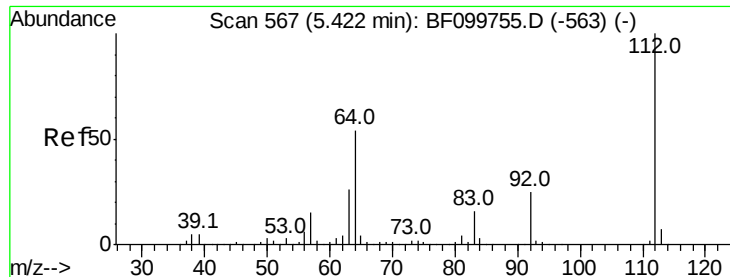
Tot Ion: 79 Resp: 22977
 Ion Ratio Lower Upper
 79 100
 52 61.2 59.8 89.6
 51 28.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 8.277 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.11 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion: 42 Resp: 19608
 Ion Ratio Lower Upper
 42 100
 74 156.3 104.9 157.3
 44 8.5 6.9 10.3

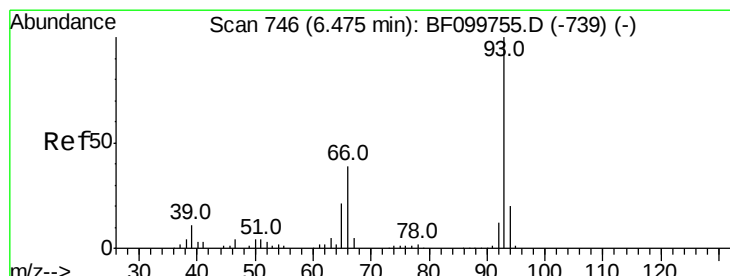
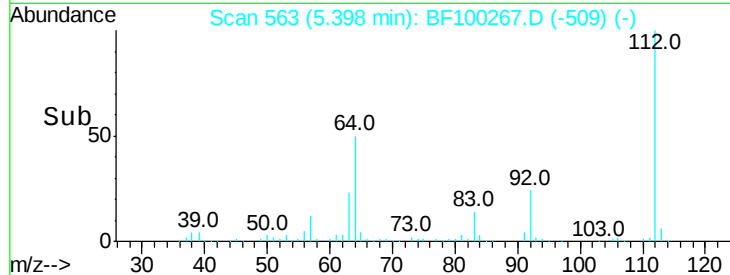
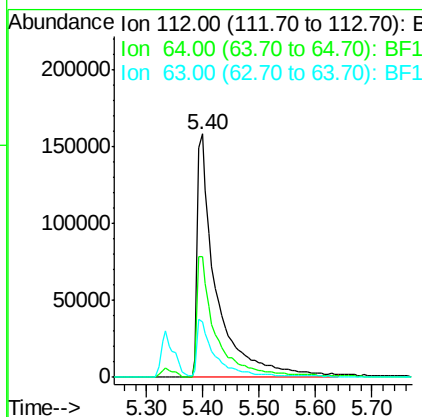
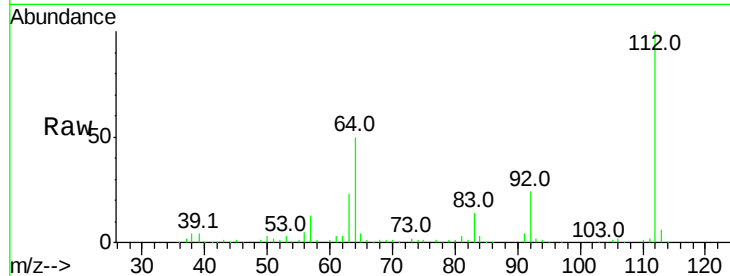




#5
 2-Fluorophenol
 Concen: 59.523 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

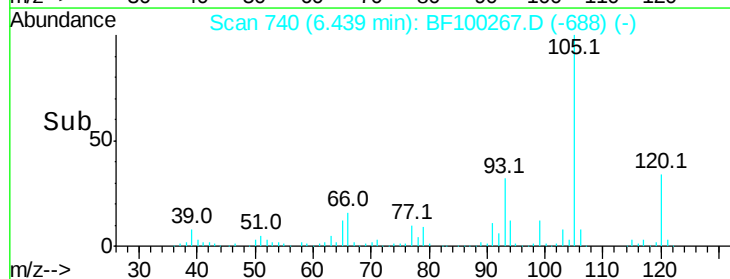
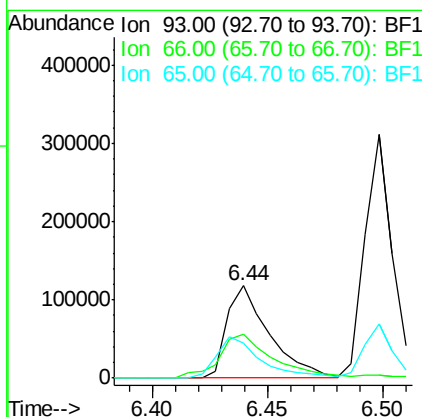
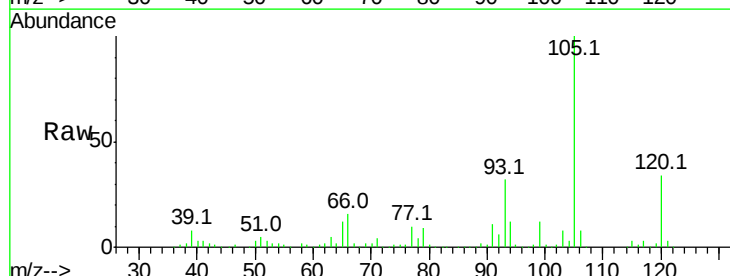
Instrument :
 BNA_F
 ClientSampled :

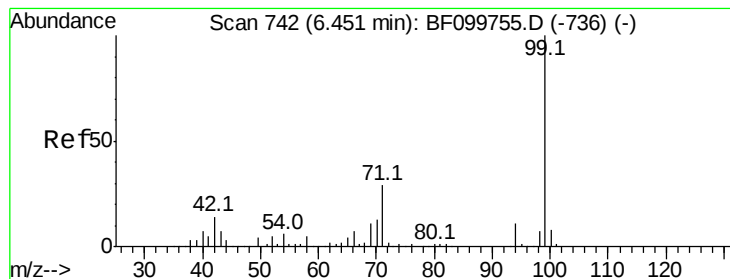
Tot Ion:112 Resp: 371691
 Ion Ratio Lower Upper
 112 100
 64 49.8 47.9 71.9
 63 22.7 23.7 35.5#



#6
 Aniline
 Concen: 15.750 ng
 RT: 6.44 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion: 93 Resp: 151210
 Ion Ratio Lower Upper
 93 100
 66 48.1 32.2 48.2
 65 37.4 16.4 24.6#





#7

Phenol-d6

Concen: 35.399 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

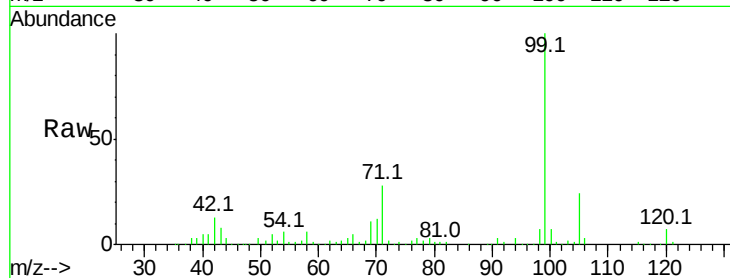
Tot Ion: 99 Resp: 262103

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

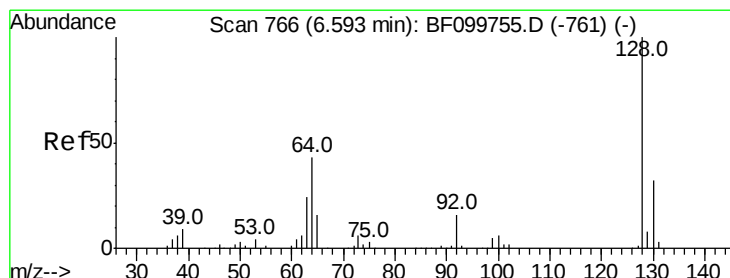
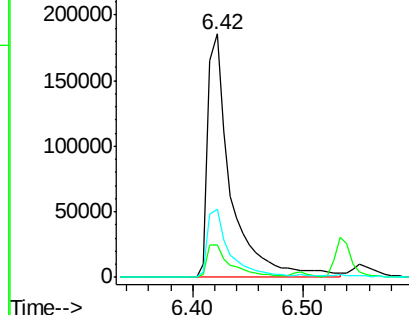
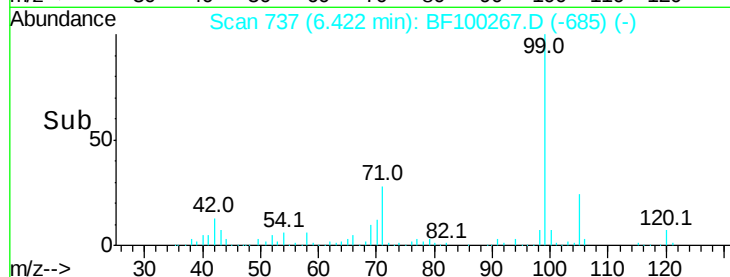
71 28.1 25.4 38.0



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: 34.842 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

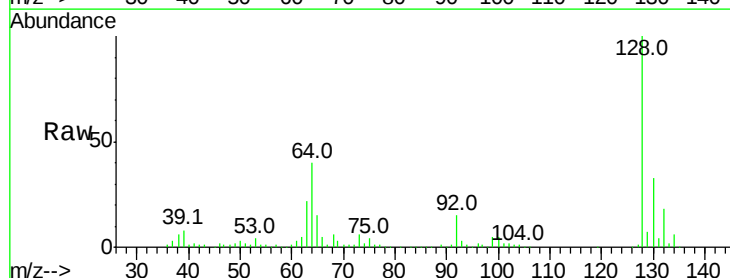
Tgt Ion:128 Resp: 231886

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

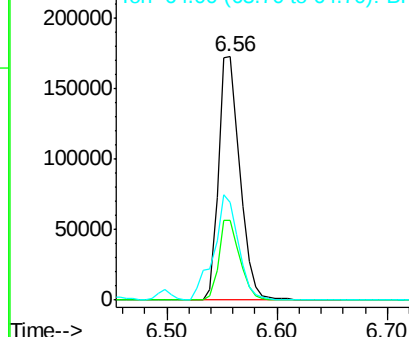
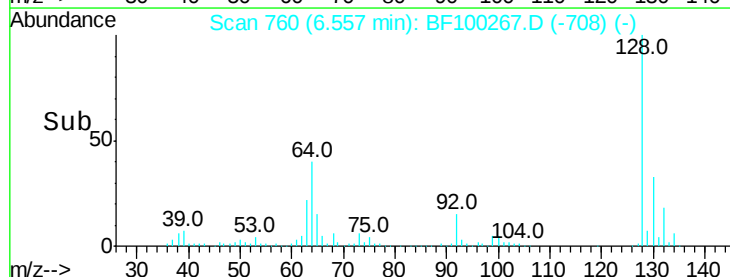
64 40.0 29.4 69.4

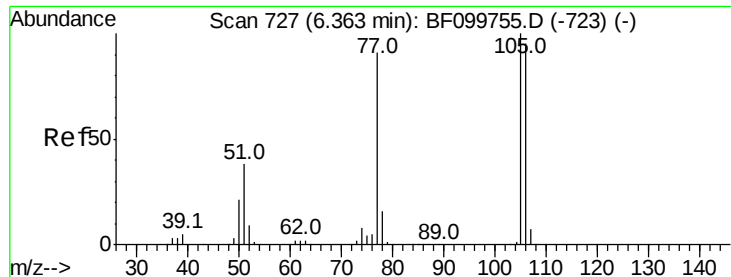


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.758 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

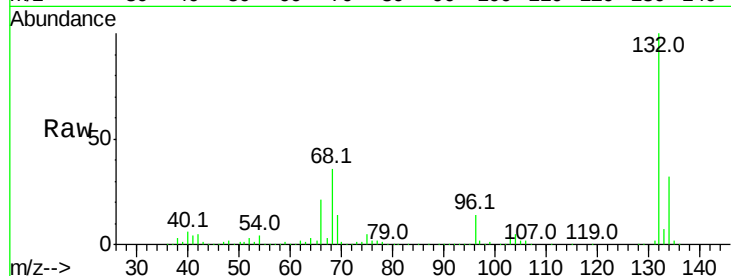
Tot Ion: 77 Resp: 12201

Ion Ratio Lower Upper

77 100

105 90.0 81.1 121.1

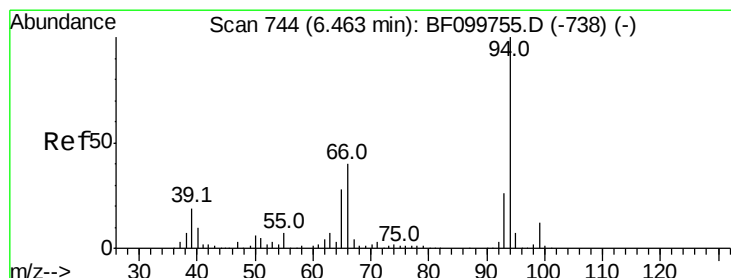
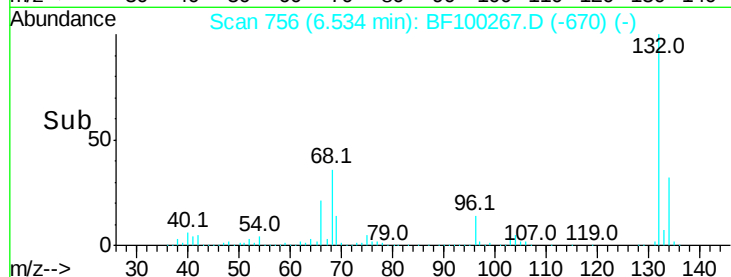
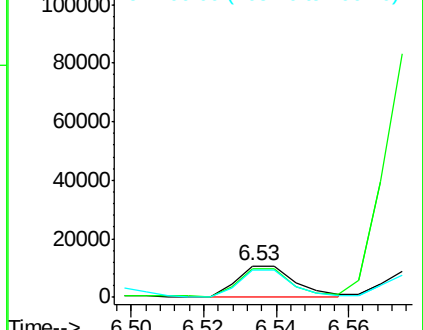
106 84.9 74.5 114.5



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: 11.699 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

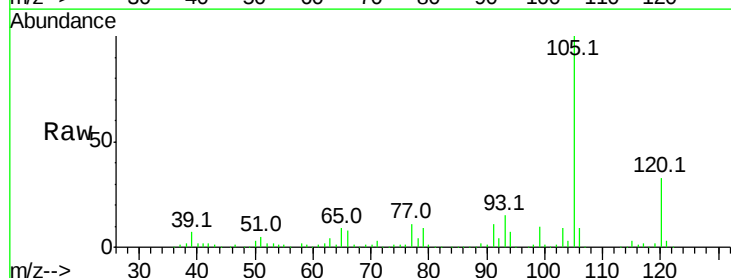
Tgt Ion: 94 Resp: 95103

Ion Ratio Lower Upper

94 100

65 118.4 7.9 47.9#

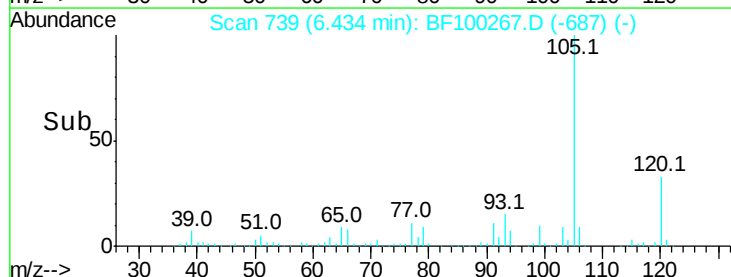
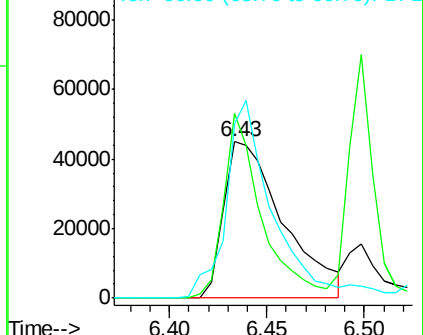
66 111.5 16.2 56.2#

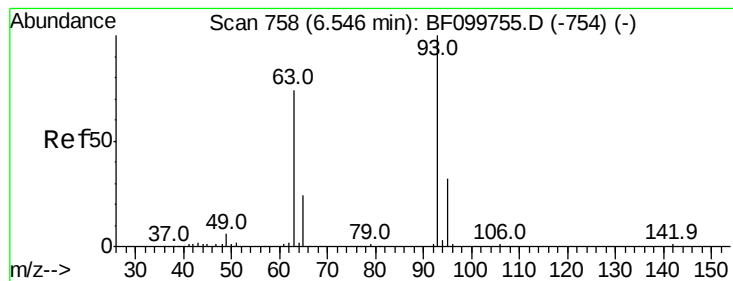


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

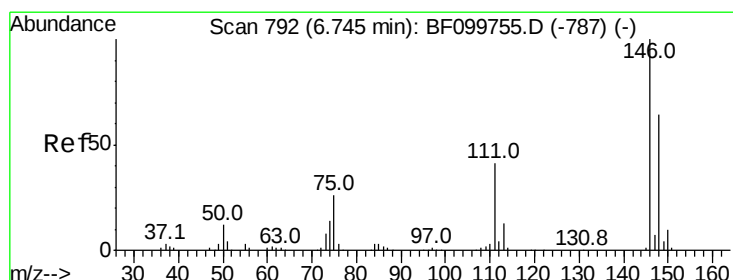
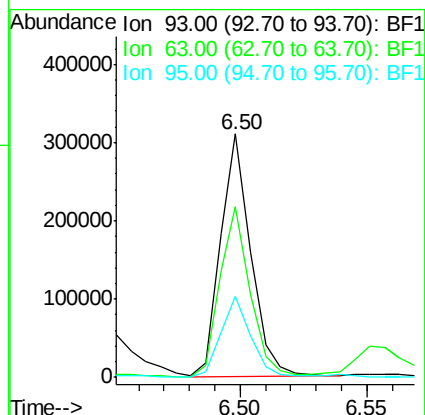
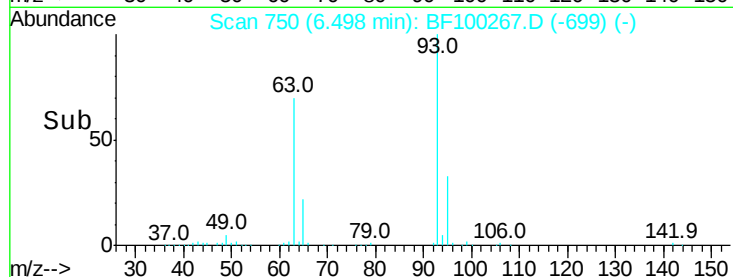
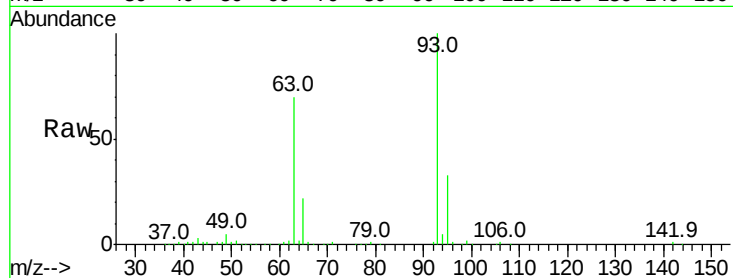




#11
bis(2-Chloroethyl)ether
Concen: 40.641 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

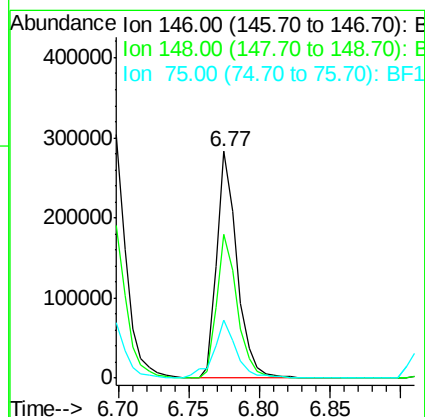
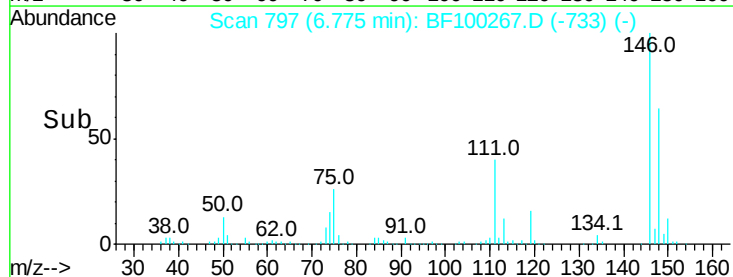
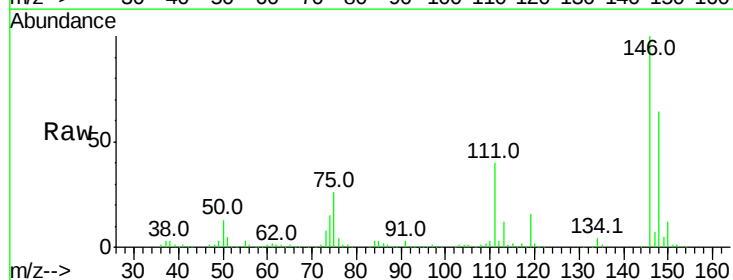
Instrument :
BNA_F
ClientSampleId :

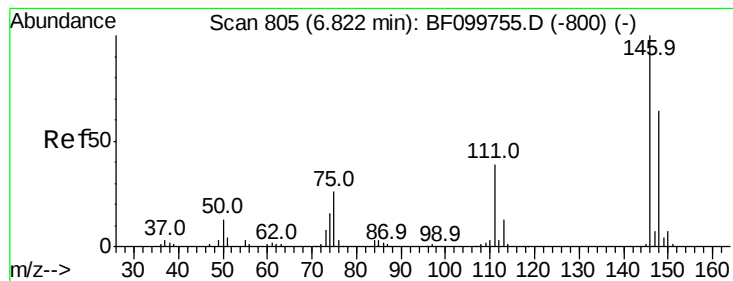
Tot Ion: 93 Resp: 255131
Ion Ratio Lower Upper
93 100
63 70.3 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.133 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.08 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion: 146 Resp: 284957
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 25.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.572 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

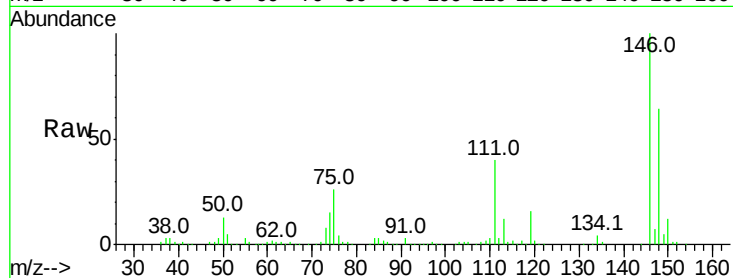
Tot Ion:146 Resp: 284957

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

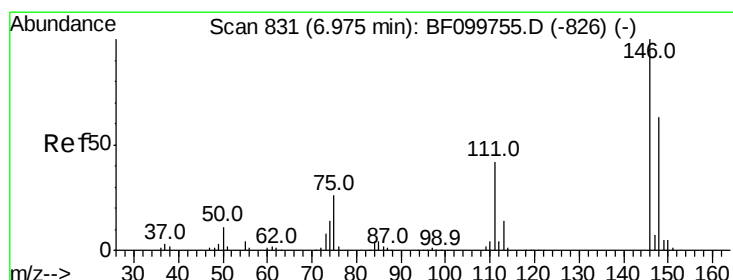
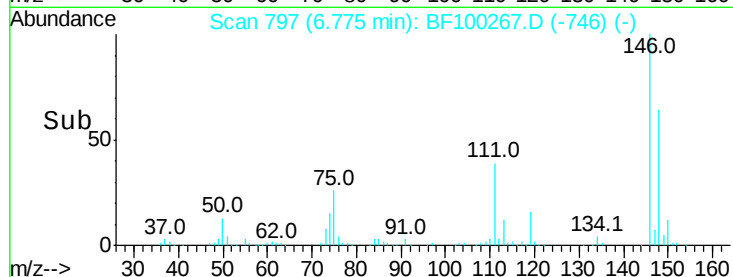
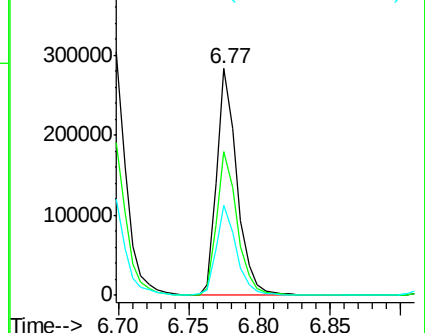
111 39.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.082 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

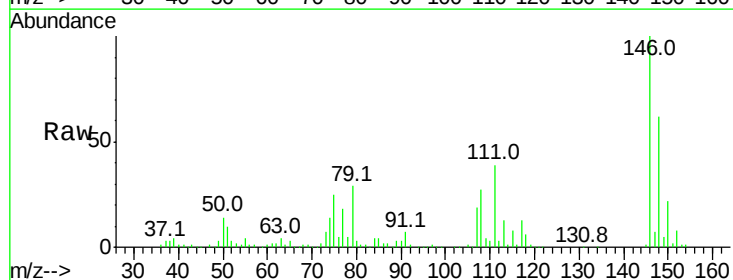
Tgt Ion:146 Resp: 263228

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

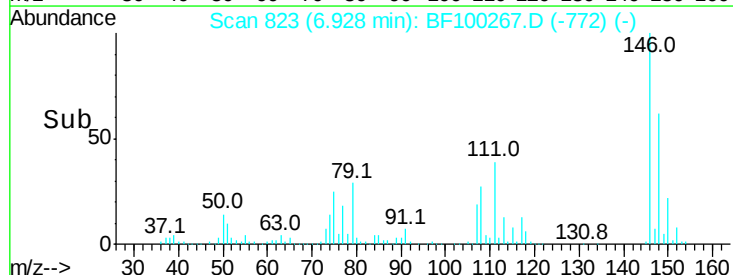
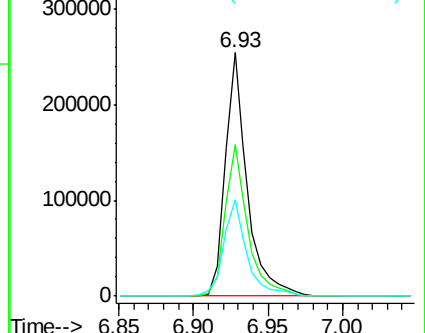
111 39.4 36.0 54.0

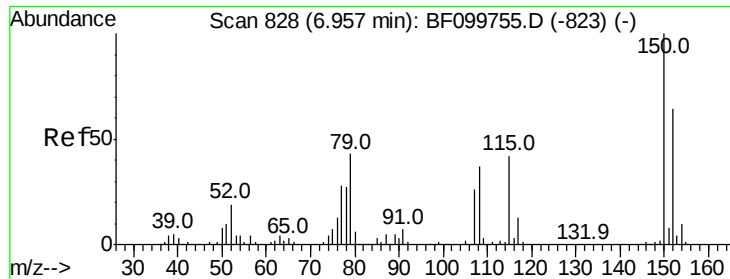


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

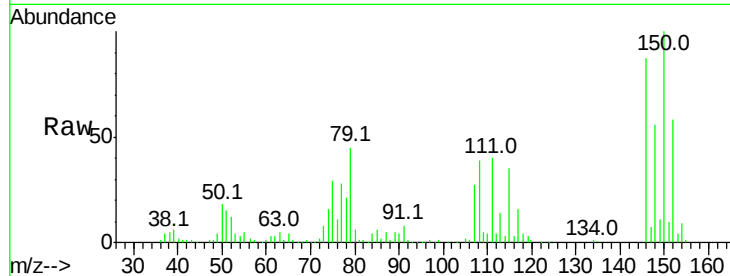




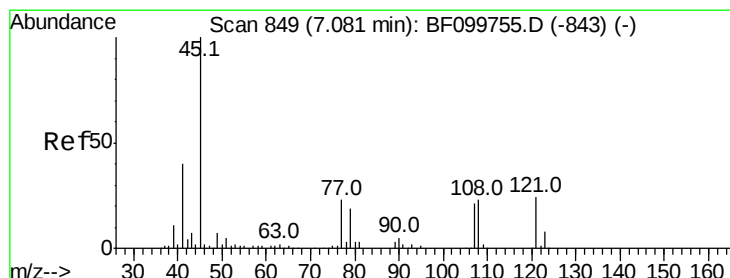
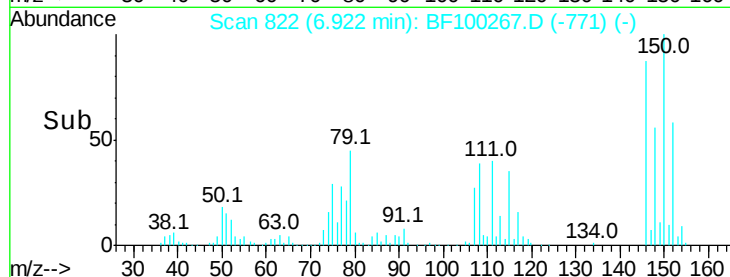
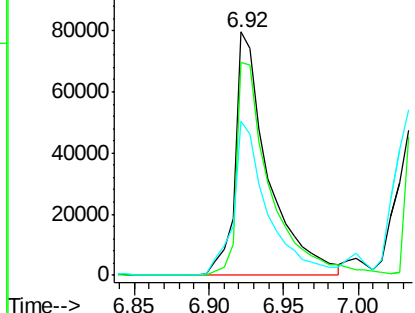
#15
Benzyl Alcohol
Concen: 26.166 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 123210
Ion Ratio Lower Upper
79 100
108 87.3 65.1 97.7
77 63.2 50.6 75.8

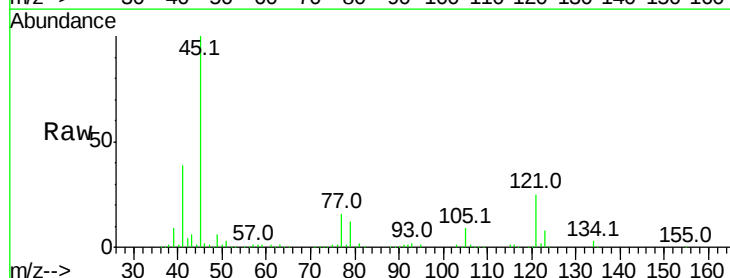


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

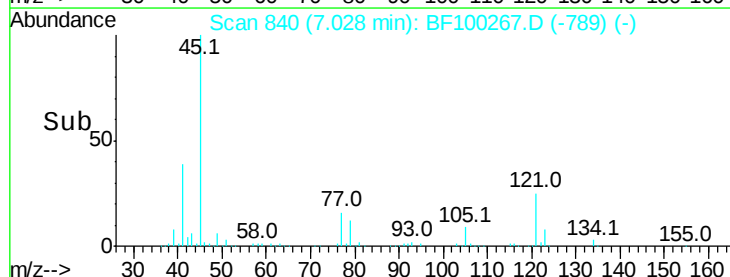
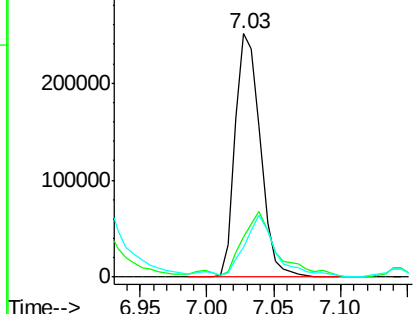


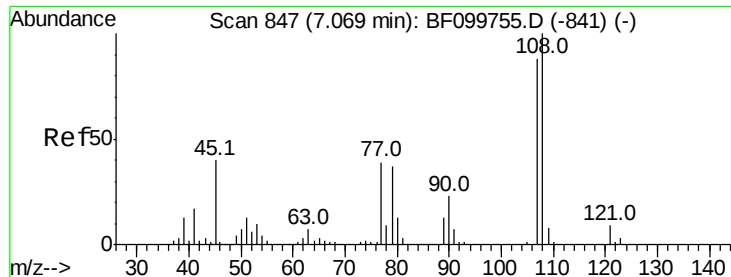
#16
2,2'-oxybis(1-chloropropane)
Concen: 47.282 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion: 45 Resp: 329721
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.9
79 12.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

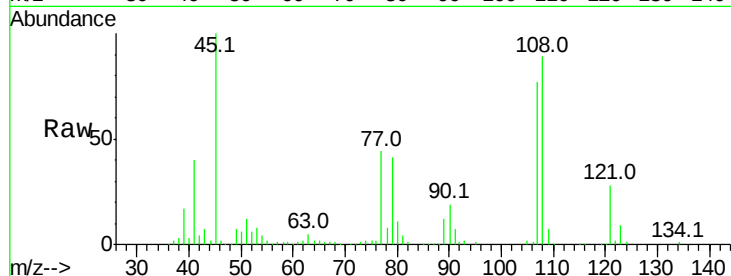




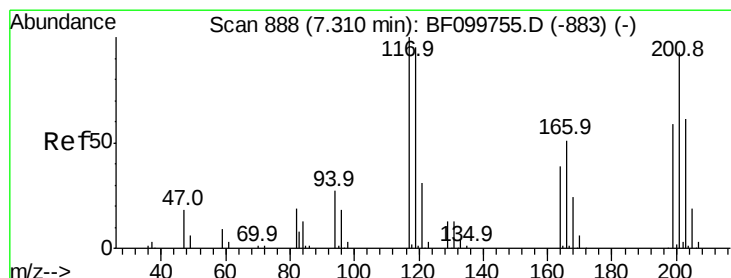
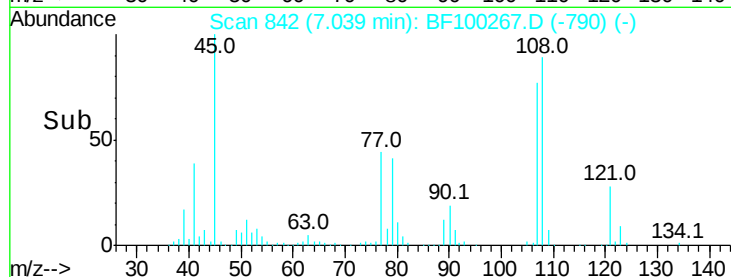
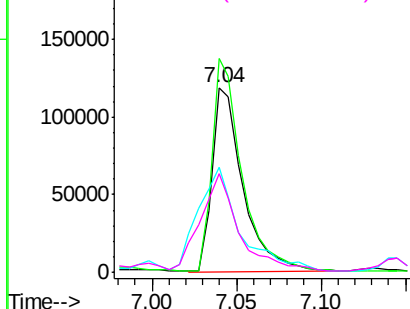
#17
2-Methylphenol
Concen: 27.411 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 152595
Ion Ratio Lower Upper
107 100
108 115.7 91.7 137.5
77 57.2 33.8 50.8#
79 53.1 33.8 50.8#

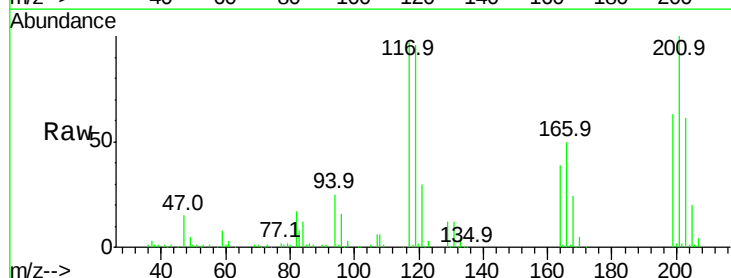


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

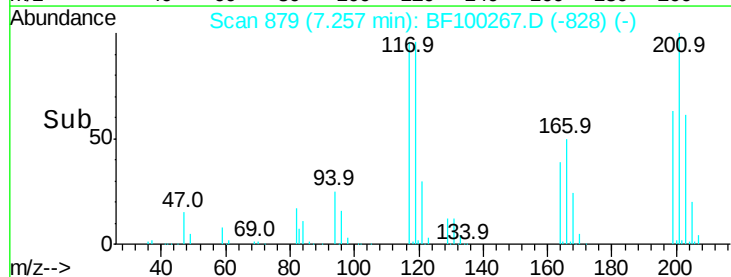
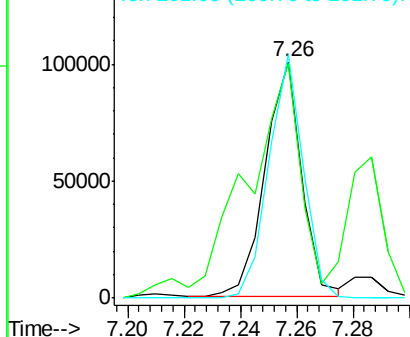


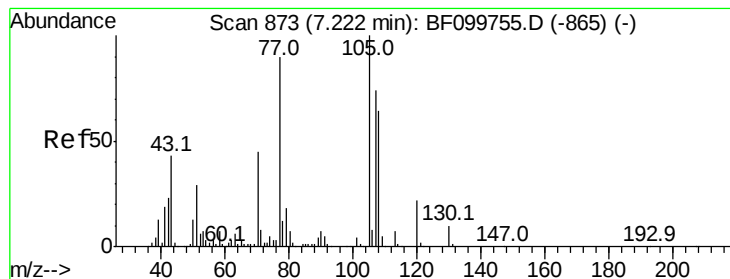
#18
Hexachloroethane
Concen: 35.719 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:117 Resp: 90380
Ion Ratio Lower Upper
117 100
119 99.4 75.8 113.8
201 103.0 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: 41.732 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 181077

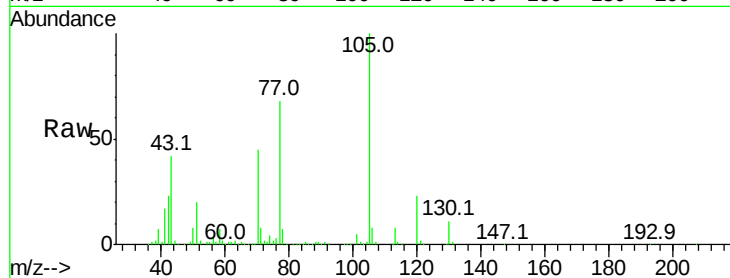
Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	10.3	7.4	11.2
130	24.8	16.6	25.0

70 100

42 49.9 47.5 71.3

101 10.3 7.4 11.2

130 24.8 16.6 25.0



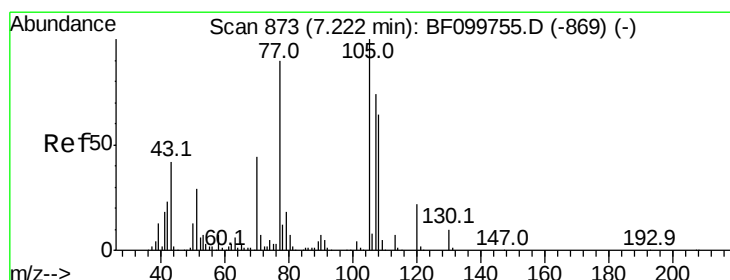
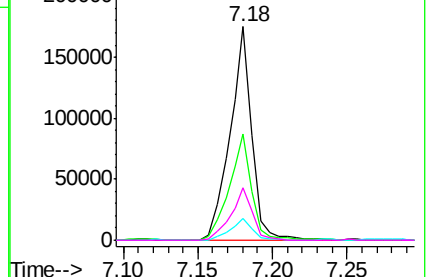
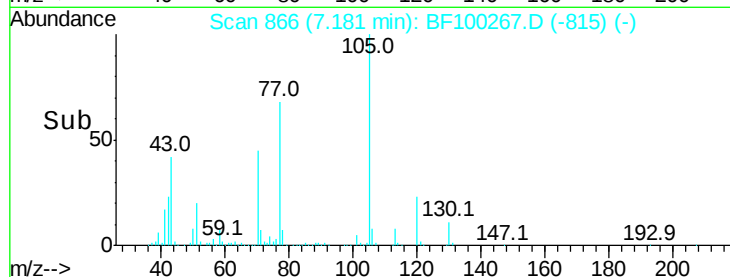
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 29.040 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:107 Resp: 188240

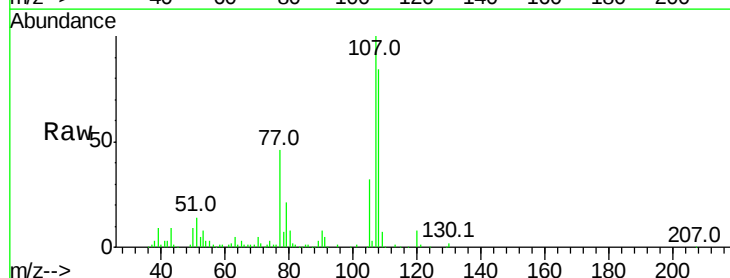
Ion	Ratio	Lower	Upper
107	100		
108	84.3	68.2	108.2
77	46.1	26.7	66.7
79	20.6	6.3	46.3

107 100

108 84.3 68.2 108.2

77 46.1 26.7 66.7

79 20.6 6.3 46.3



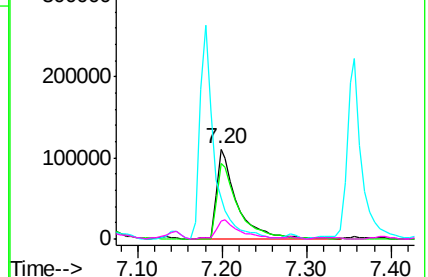
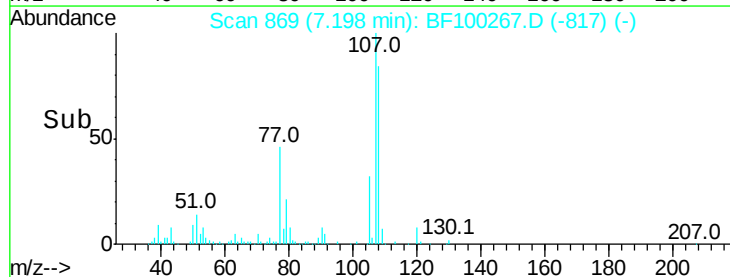
Abundance Ion 107.00 (106.70 to 107.70): BF1

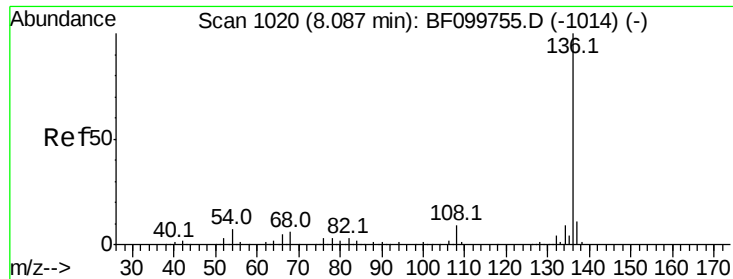
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100267.D

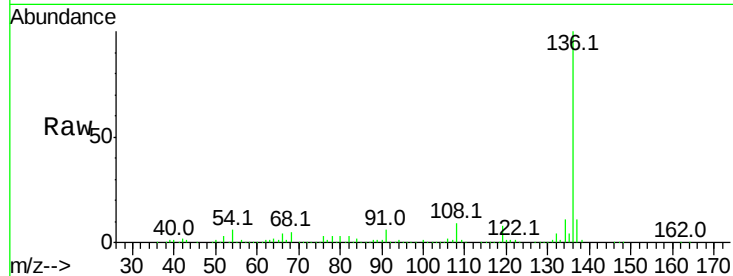
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 404681

Ion Ratio Lower Upper

136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

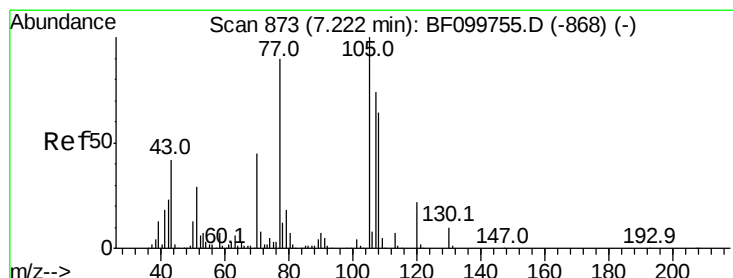
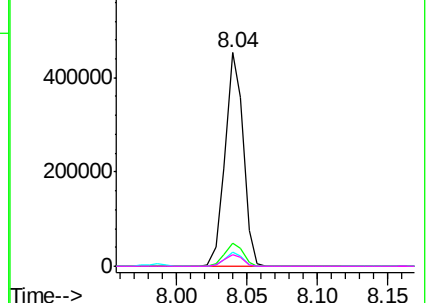
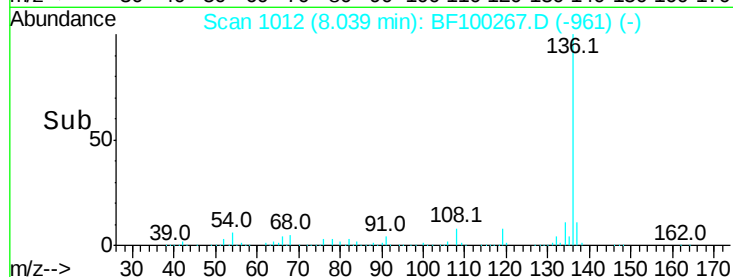


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.452 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

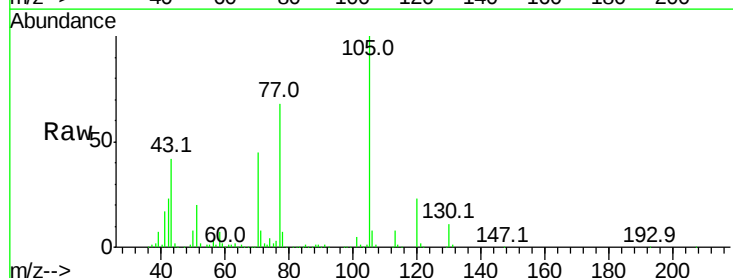
Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:105 Resp: 381946

Ion Ratio Lower Upper

105	100		
71	7.5	4.4	6.6#
51	19.5	22.3	33.5#
120	22.6	16.9	25.3

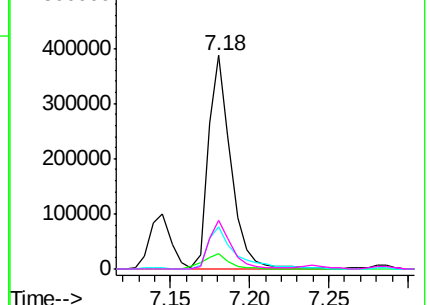
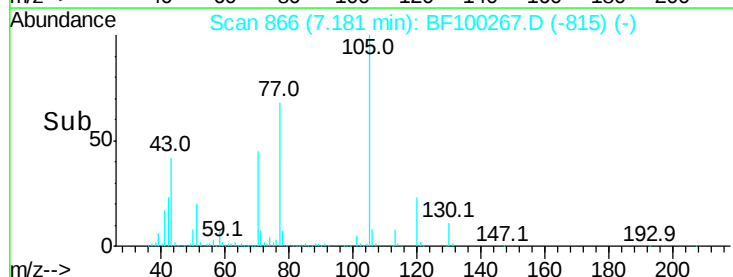


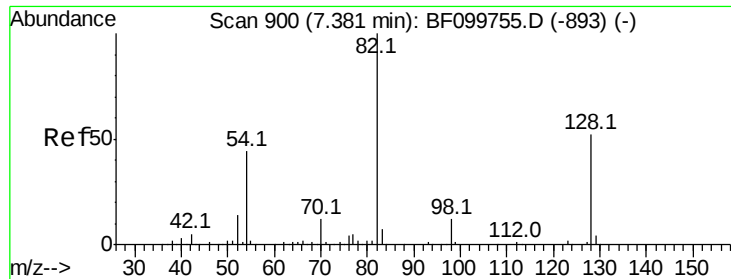
Abundance Ion 105.00 (104.70 to 105.70): E

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

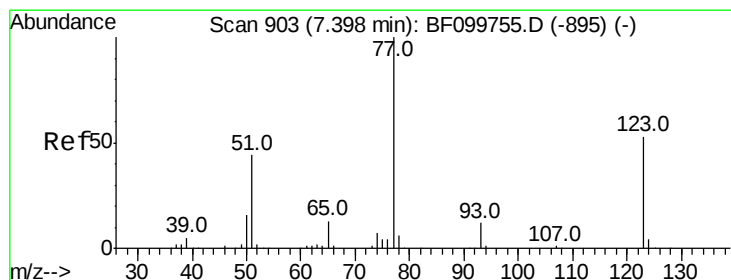
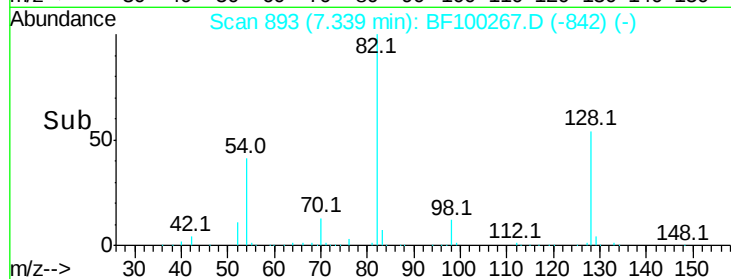
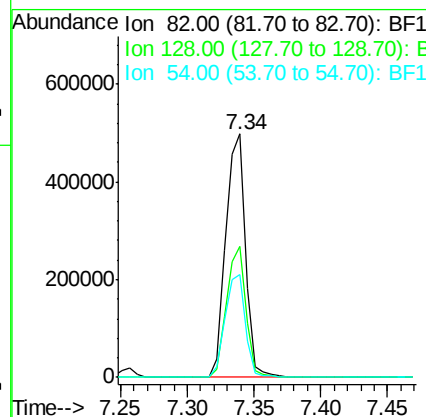
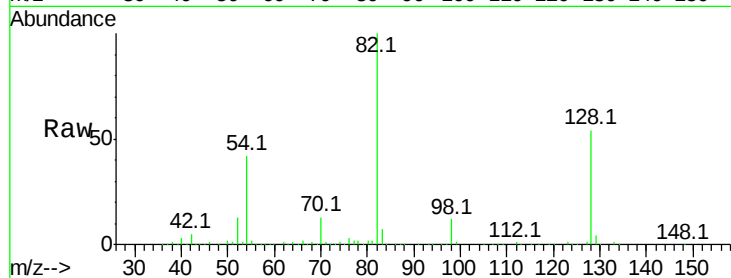




#23
 Nitrobenzene-d5
 Concen: 83.366 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

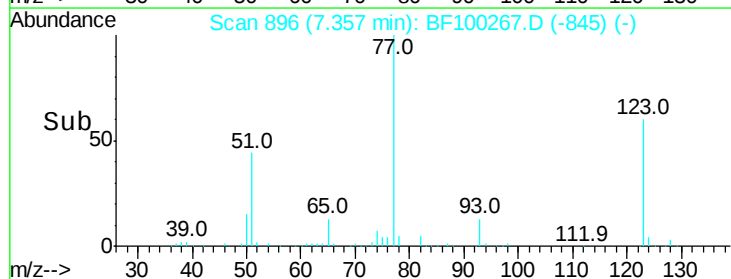
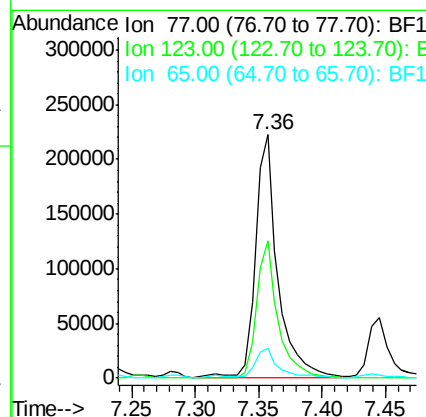
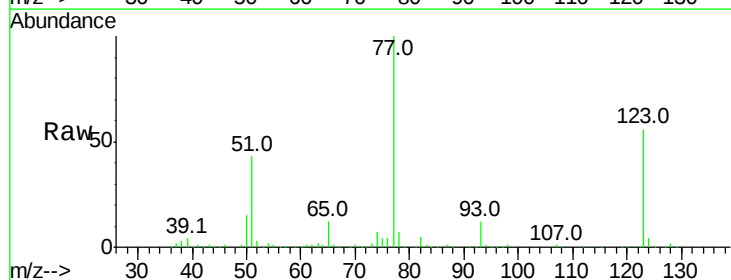
Instrument :
 BNA_F
 ClientSampleId :

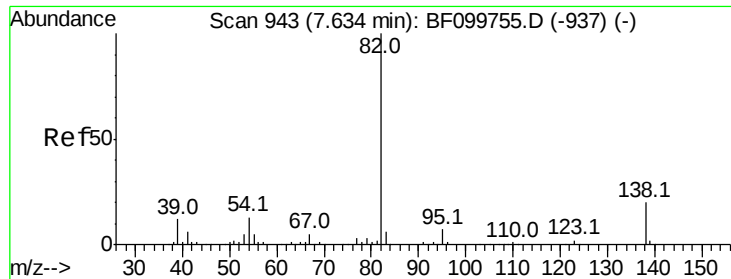
Tot Ion: 82 Resp: 524019
 Ion Ratio Lower Upper
 82 100
 128 53.6 36.1 54.1
 54 42.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.536 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion: 77 Resp: 269399
 Ion Ratio Lower Upper
 77 100
 123 56.4 37.9 56.9
 65 12.5 11.0 16.4





#25

Isophorone

Concen: 44.319 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

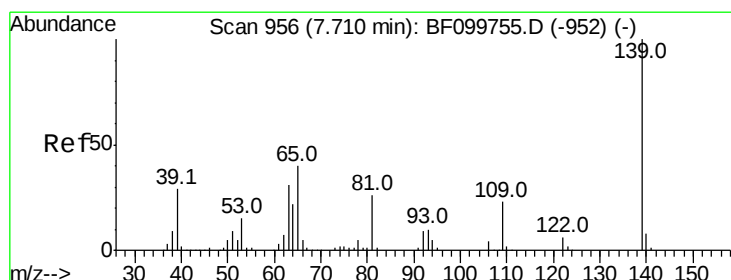
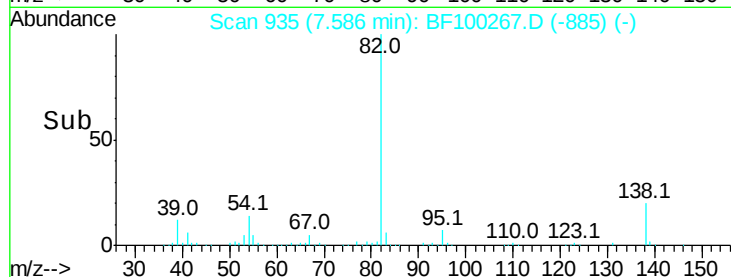
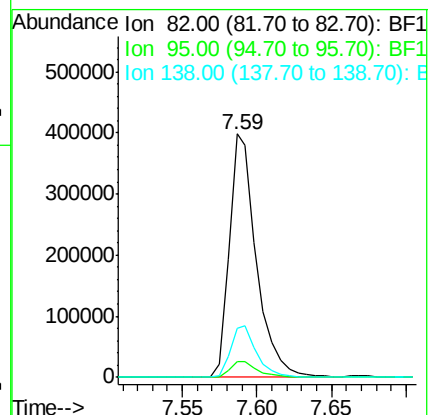
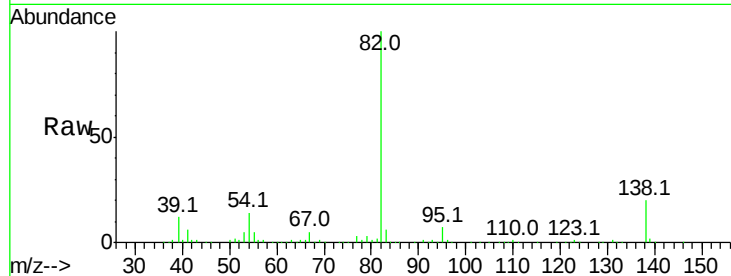
Tot Ion: 82 Resp: 505500

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 42.576 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

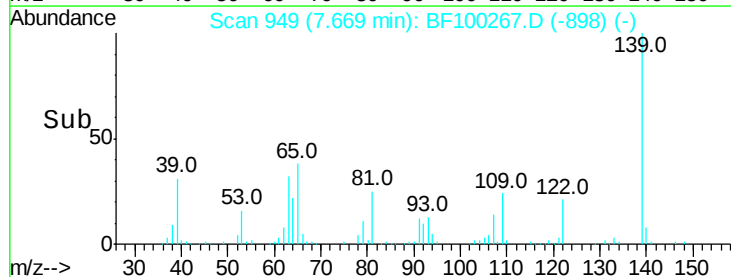
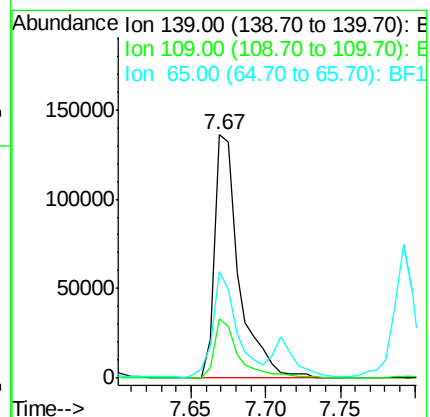
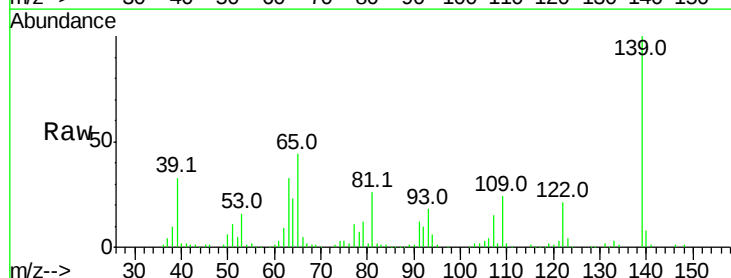
Tgt Ion: 139 Resp: 154446

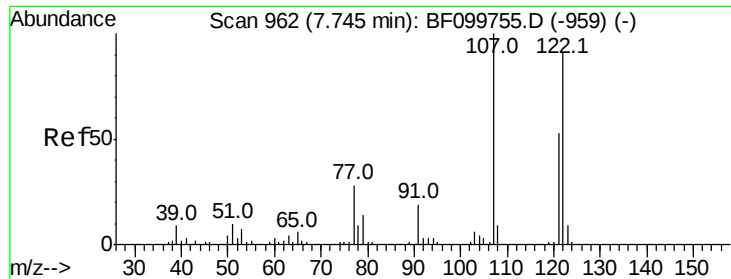
Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

65 43.6 40.5 60.7

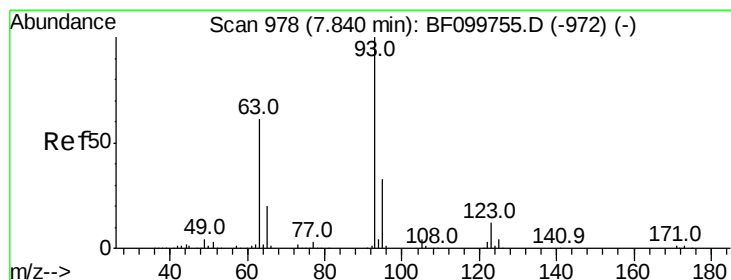
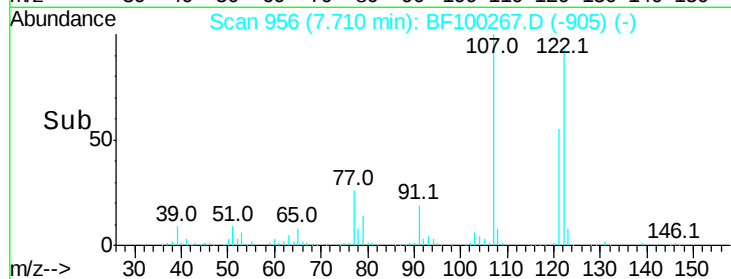
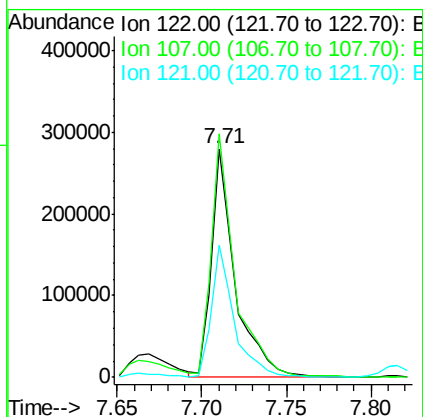
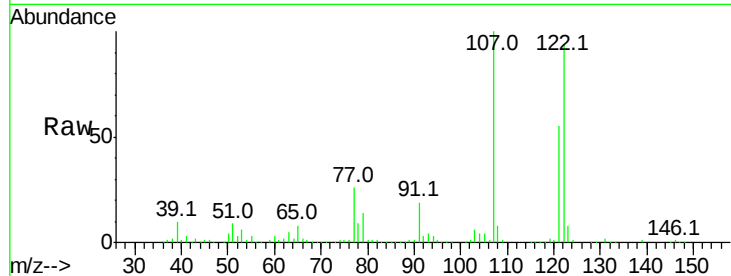




#27
 2,4-Dimethylphenol
 Concen: 51.687 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

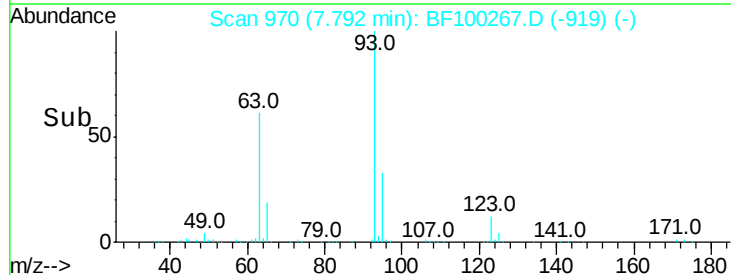
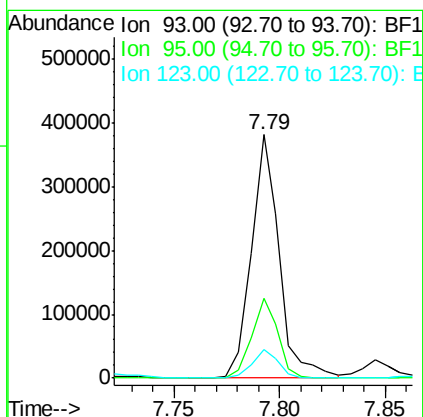
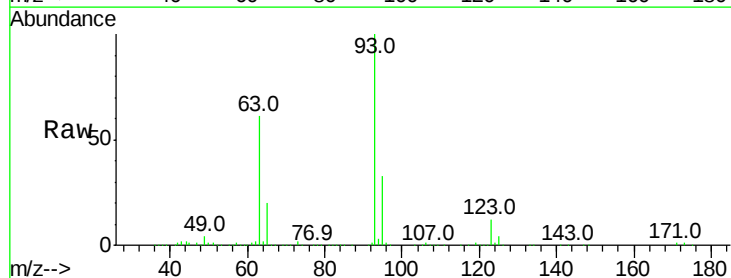
Instrument :
 BNA_F
 ClientSampleId :

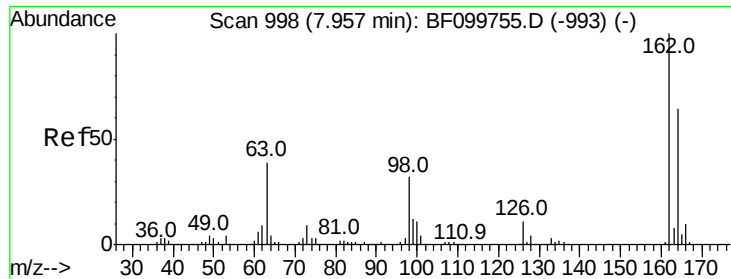
Tot Ion:122 Resp: 276259
 Ion Ratio Lower Upper
 122 100
 107 106.6 91.2 136.8
 121 58.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.438 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion: 93 Resp: 346985
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.6 9.8 14.6

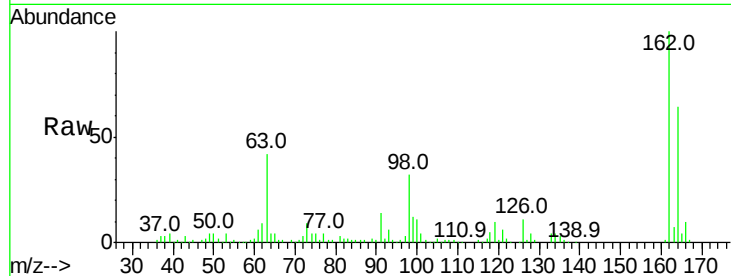




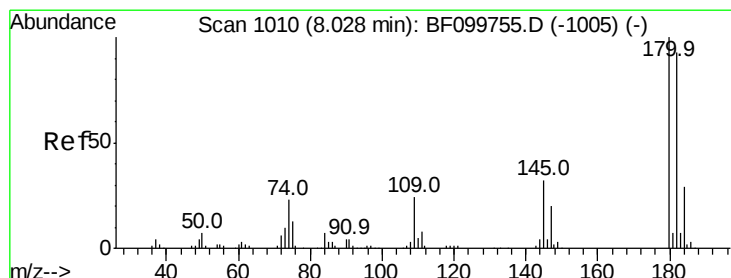
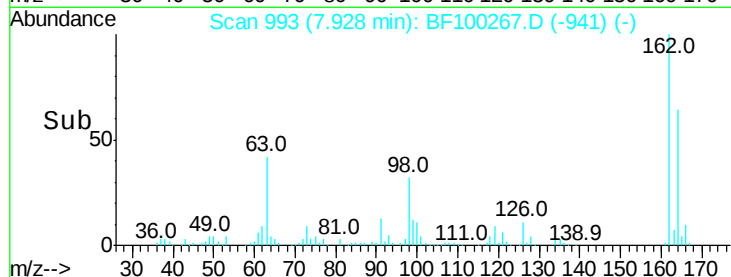
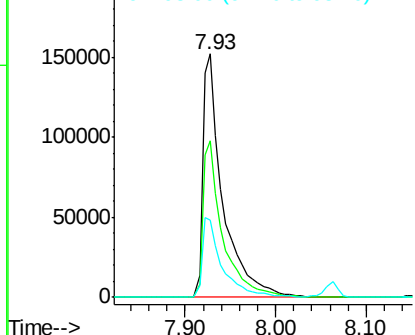
#29
 2,4-Dichlorophenol
 Concen: 42.367 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	31.6	18.1	58.1

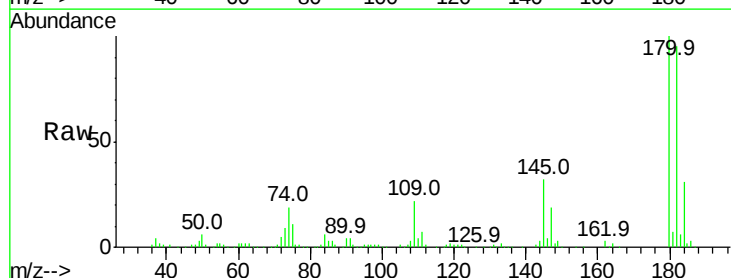


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

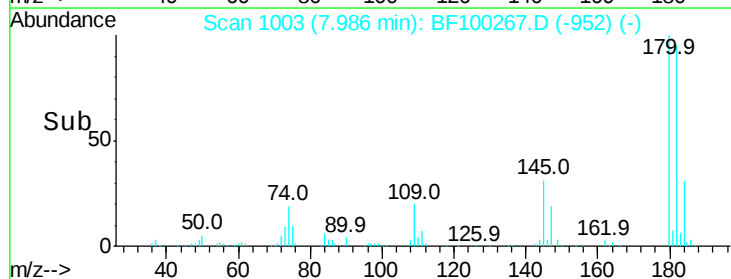
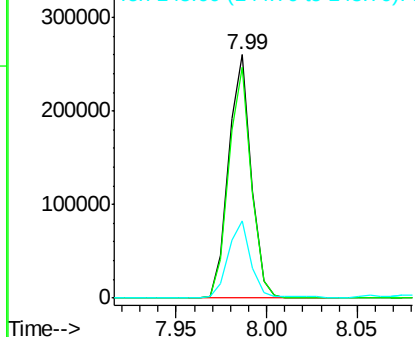


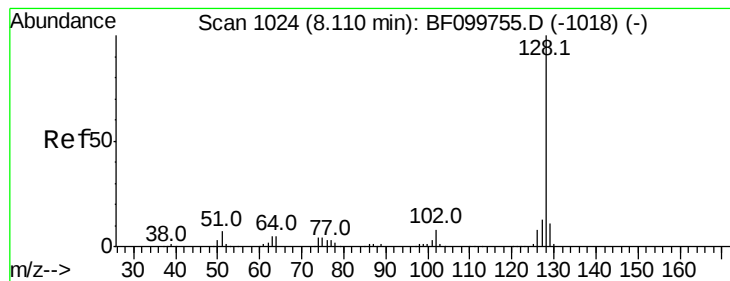
#30
 1,2,4-Trichlorobenzene
 Concen: 37.990 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	31.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.794 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

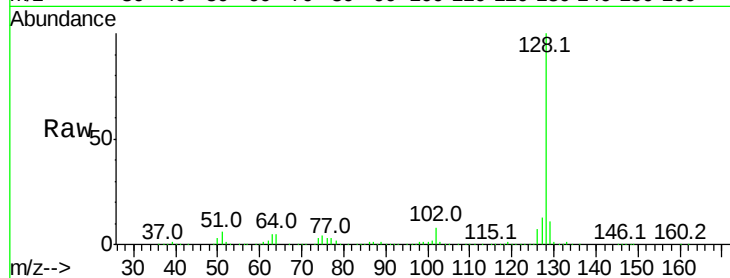
Tot Ion:128 Resp: 777347

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

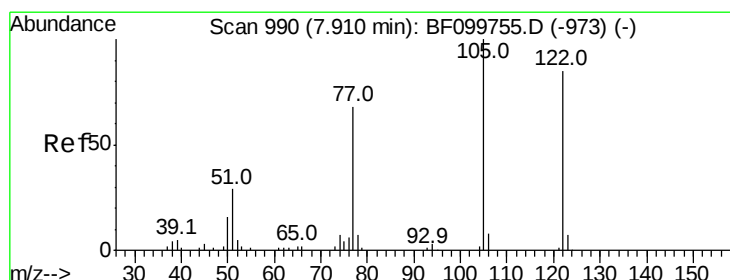
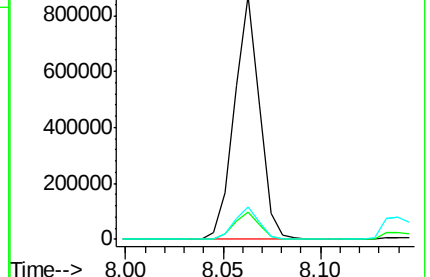
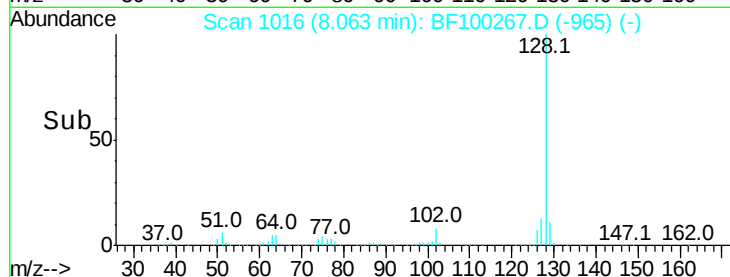
127 13.3 10.9 16.3



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: 7.588 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

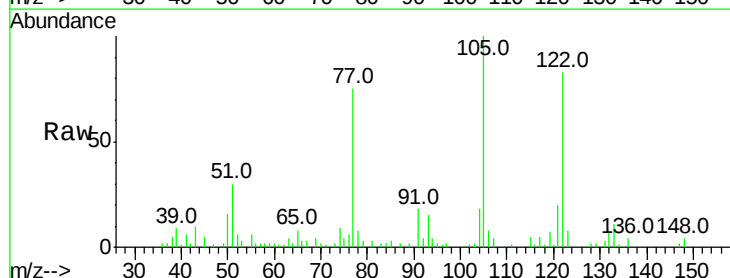
Tgt Ion:122 Resp: 35699

Ion Ratio Lower Upper

122 100

105 121.2 101.1 141.1

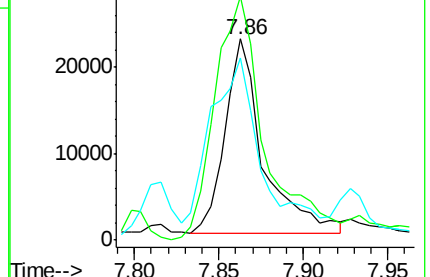
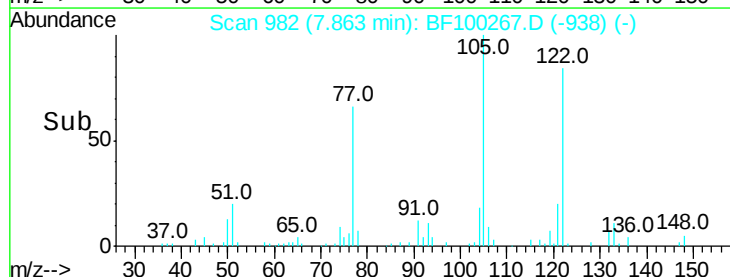
77 90.9 70.7 110.7

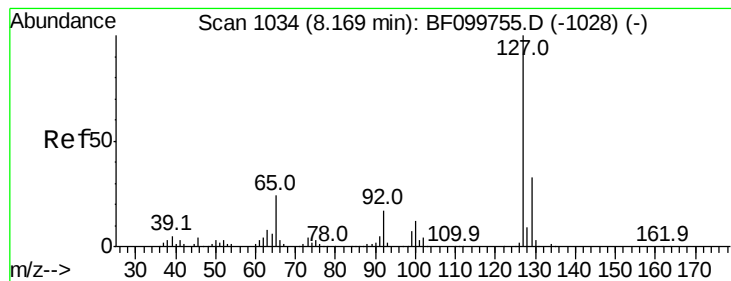


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 15.912 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 128348

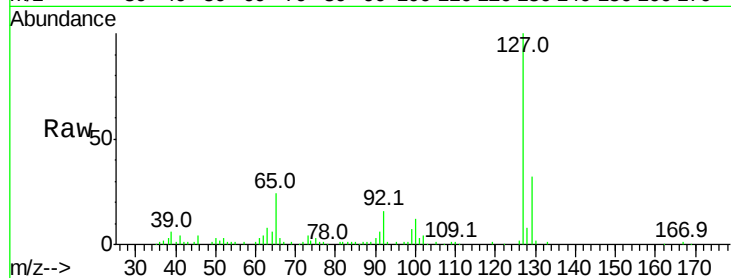
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 23.8 25.0 37.4#

92 16.3 15.2 22.8

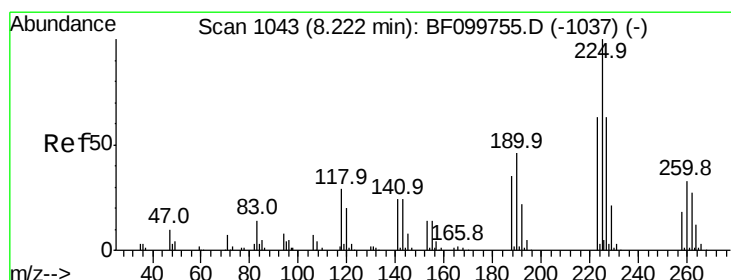
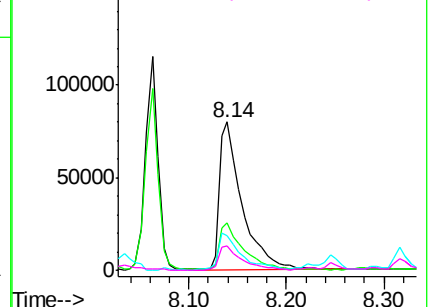
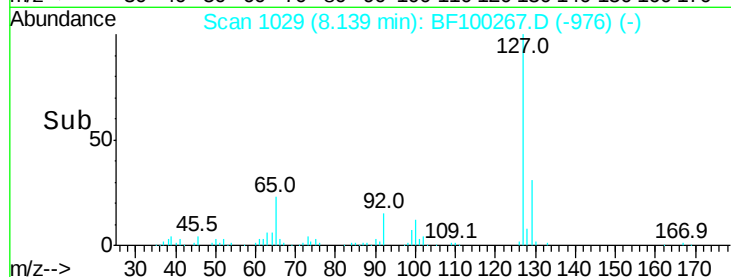


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 34.596 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

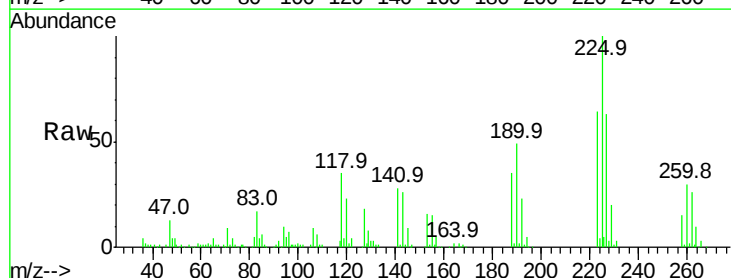
Tgt Ion:225 Resp: 105568

Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

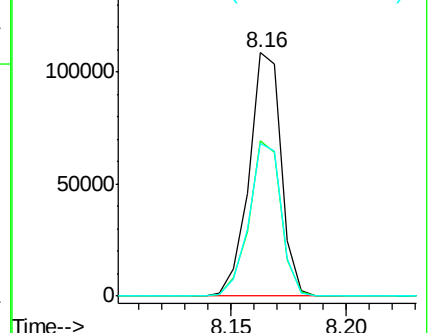
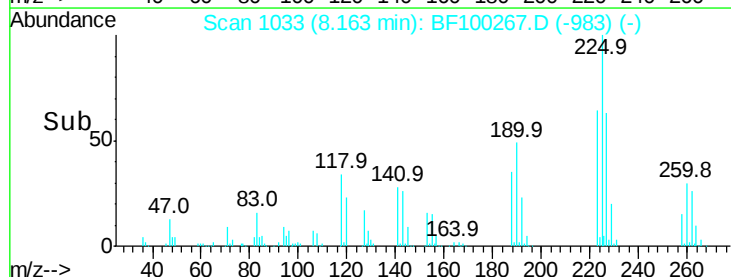
227 62.7 51.9 77.9

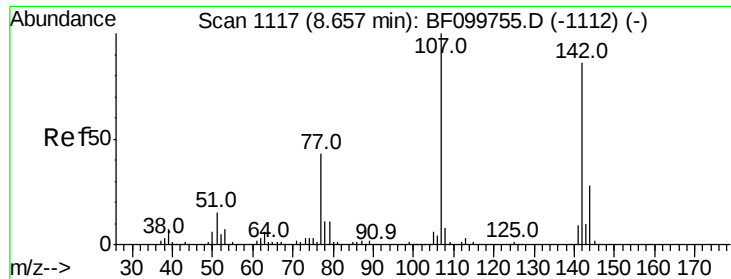


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

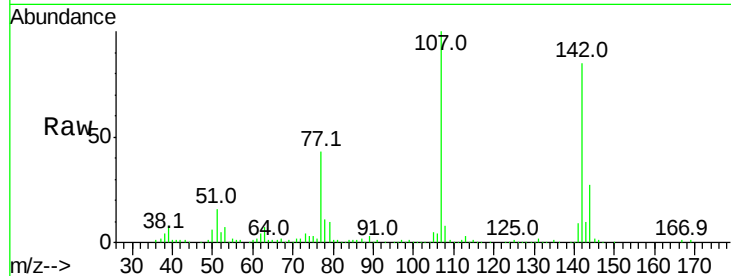




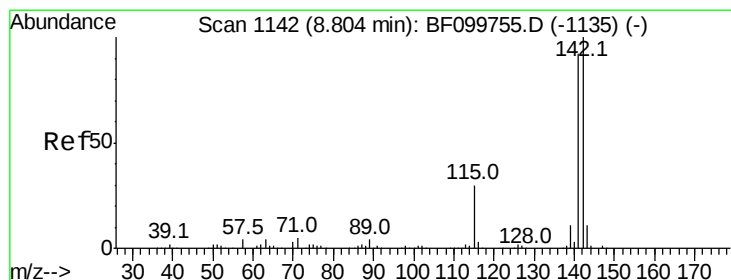
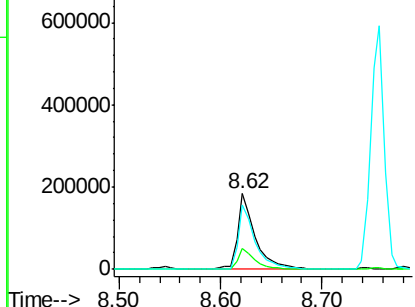
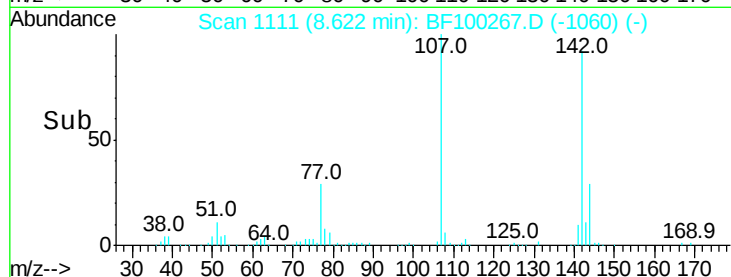
#36
 4-Chloro-3-methylphenol
 Concen: 38.651 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 219038
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 84.7 62.0 93.0

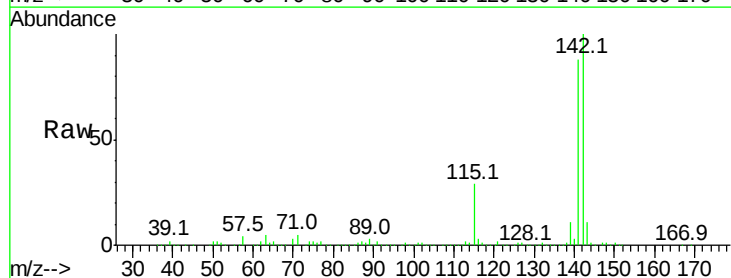


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

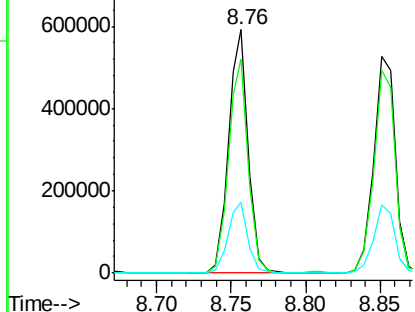
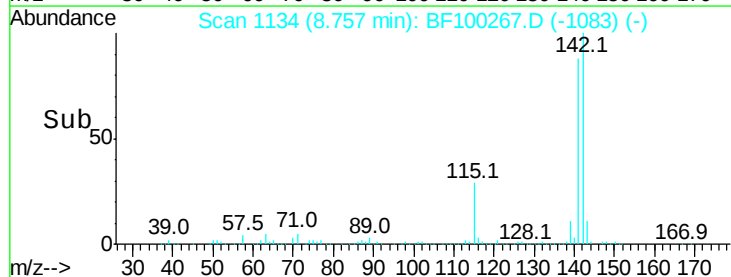


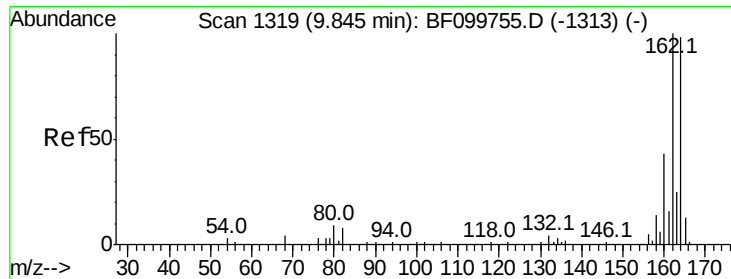
#37
 2-Methylnaphthalene
 Concen: 41.854 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion:142 Resp: 547903
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.8 106.2
 115 28.9 26.1 39.1



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

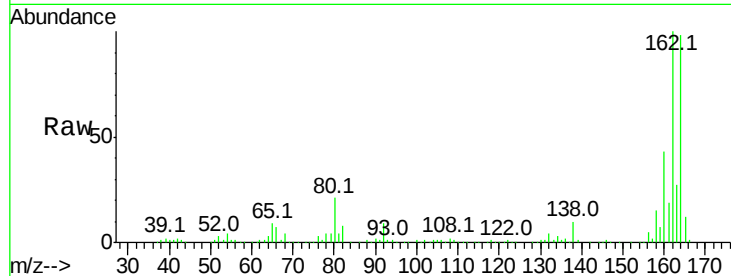




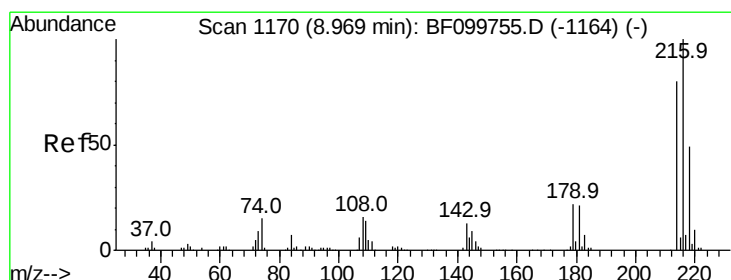
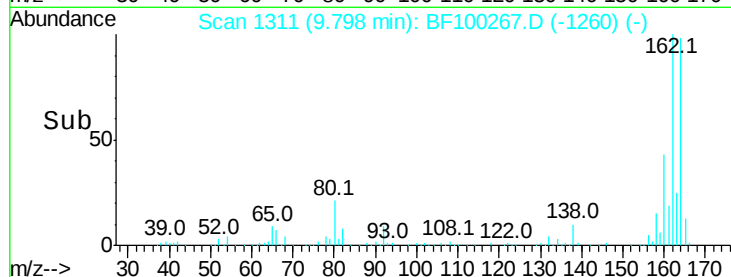
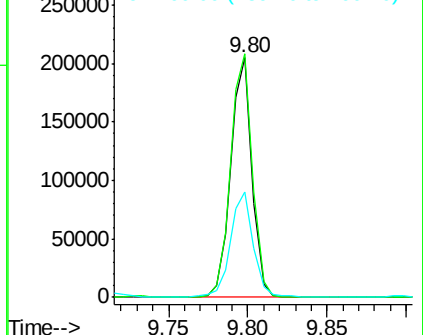
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 189238
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 44.0 38.3 57.5



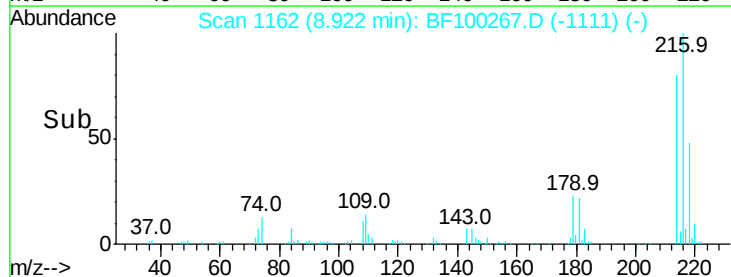
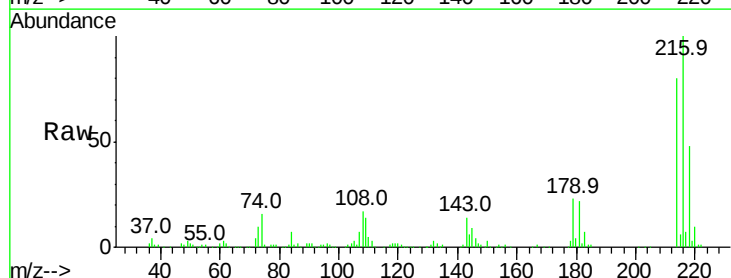
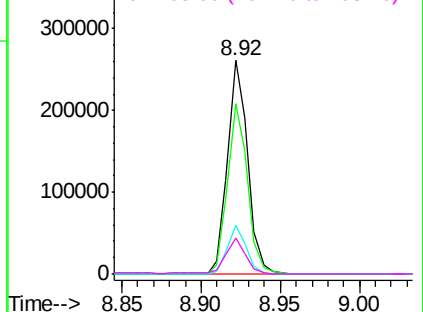
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

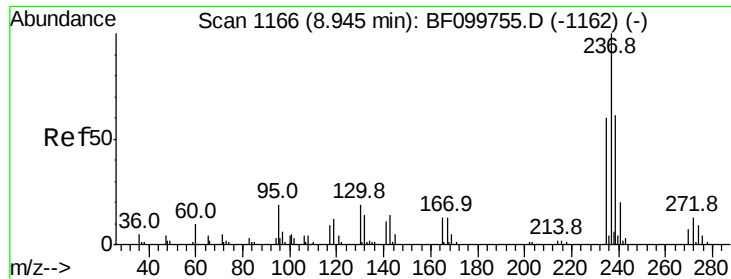


#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.592 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:216 Resp: 229757
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.9 18.1 27.1
108 16.2 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

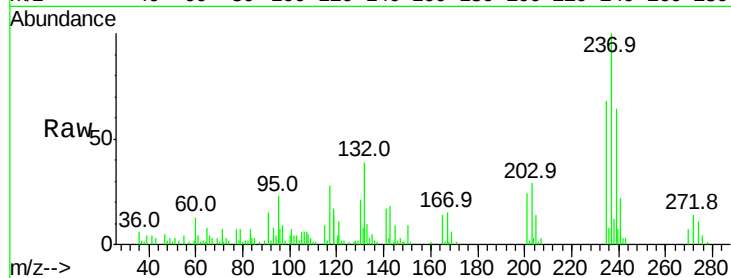




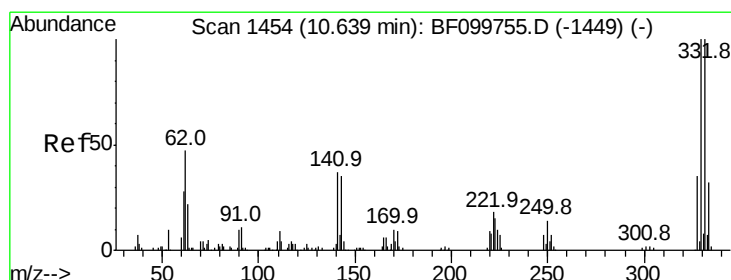
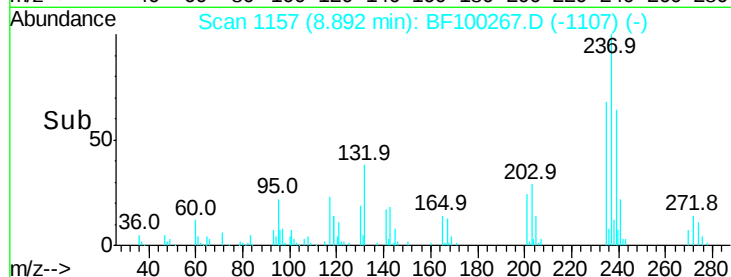
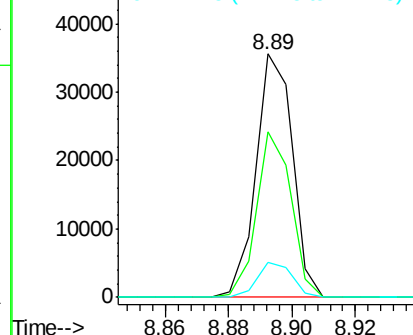
#40
Hexachlorocyclopentadiene
Concen: 33.890 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 28505
Ion Ratio Lower Upper
237 100
235 68.2 44.8 84.8
272 14.2 0.0 33.3

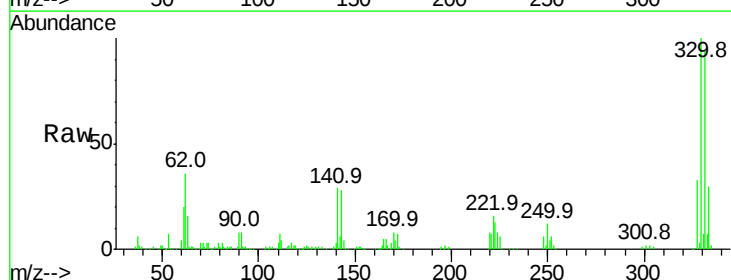


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

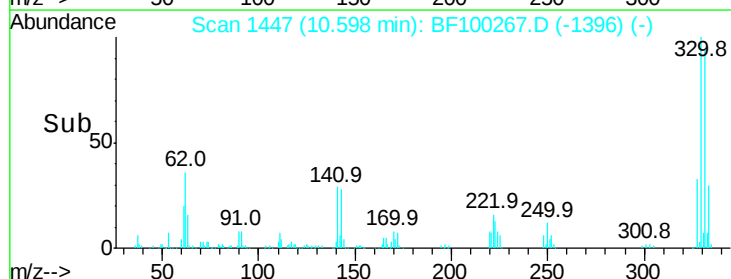
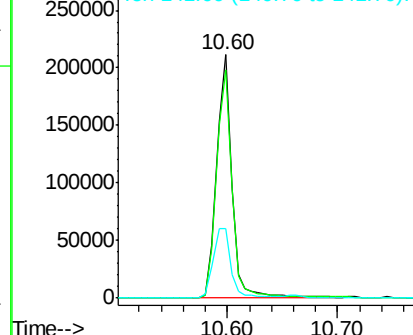


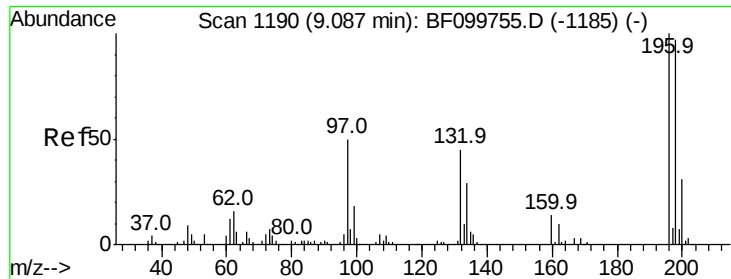
#41
2,4,6-Tribromophenol
Concen: 117.425 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:330 Resp: 202506
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 32.7 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

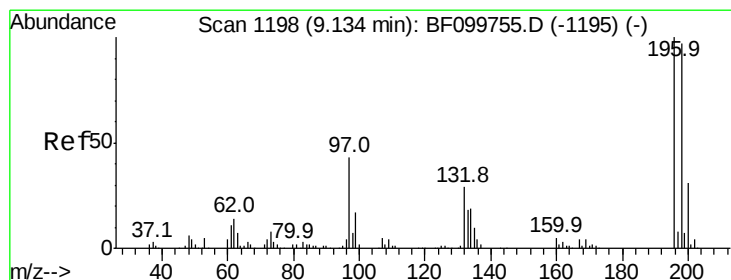
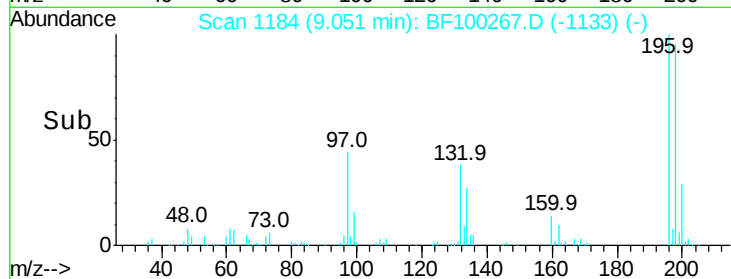
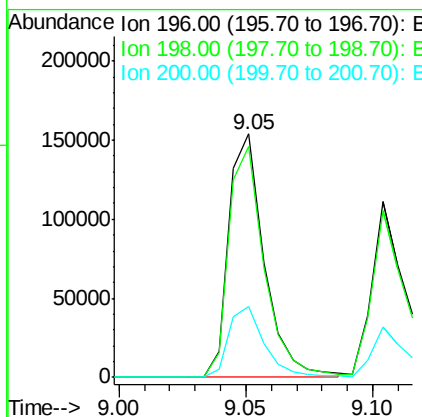
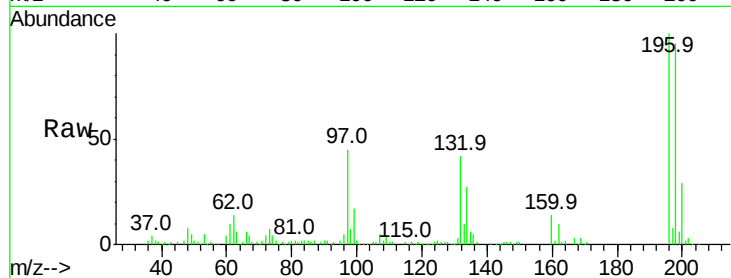




#42
 2,4,6-Trichlorophenol
 Concen: 40.613 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

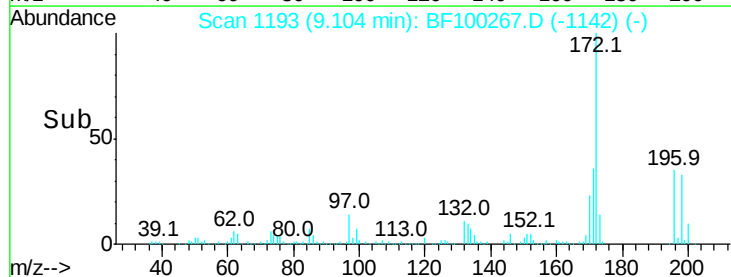
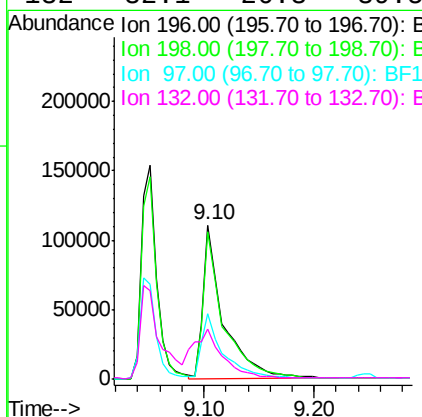
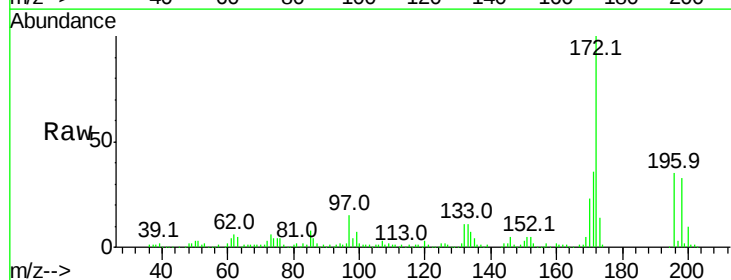
Instrument :
 BNA_F
 ClientSampleId :

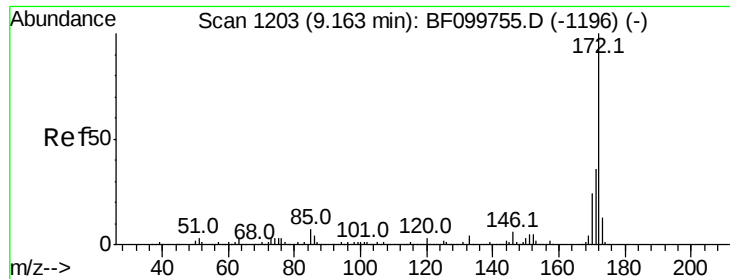
Tot Ion:196 Resp: 150145
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.1 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 35.535 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion:196 Resp: 139409
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 42.7 42.9 64.3#
 132 32.1 26.3 39.5

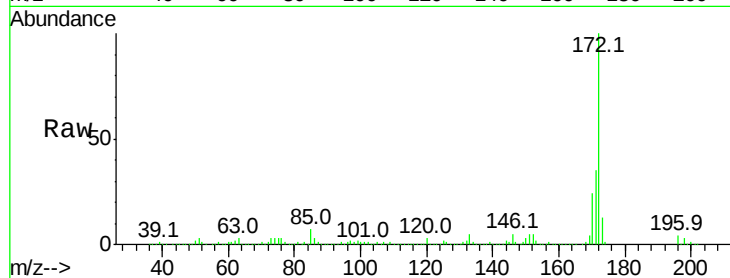




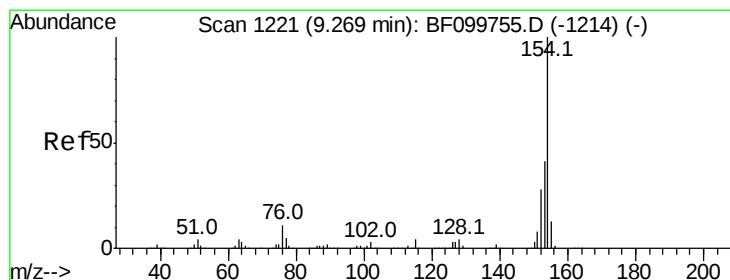
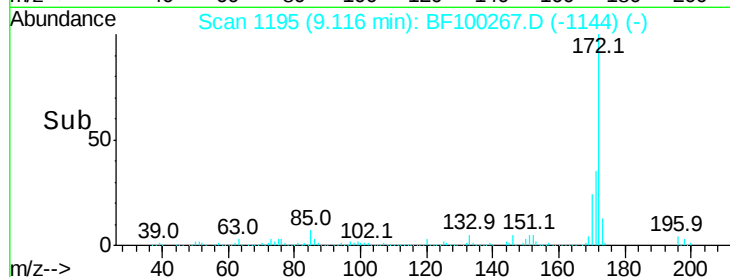
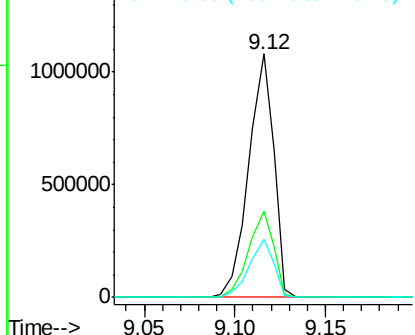
#44
2-Fluorobiphenyl
Concen: 84.787 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1039958
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.7 19.6 29.4

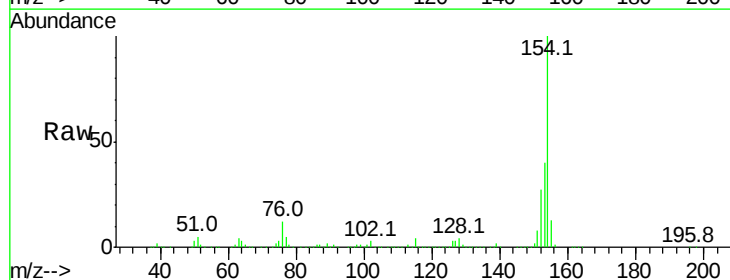


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

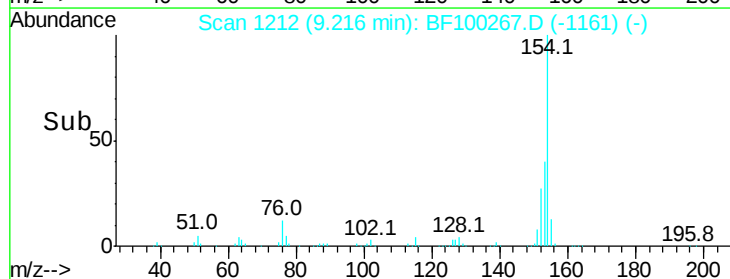
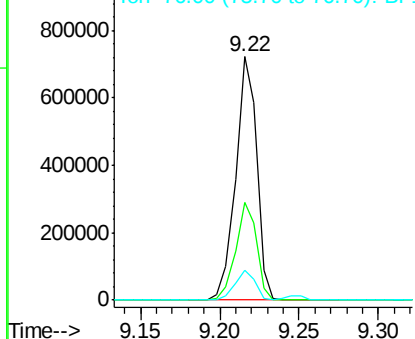


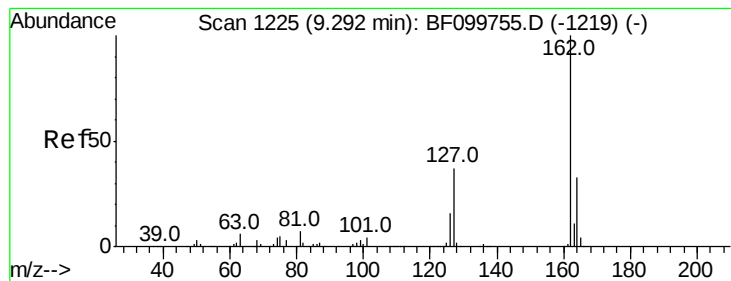
#45
1,1'-Biphenyl
Concen: 38.725 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:154 Resp: 662939
Ion Ratio Lower Upper
154 100
153 40.0 21.3 61.3
76 12.4 0.0 34.0



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





#46

2-Chloronaphthalene

Concen: 41.372 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

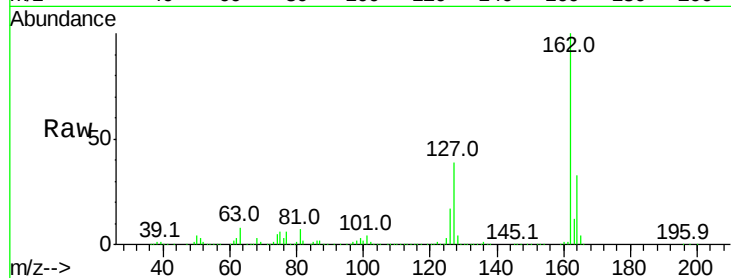
Tot Ion:162 Resp: 514362

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

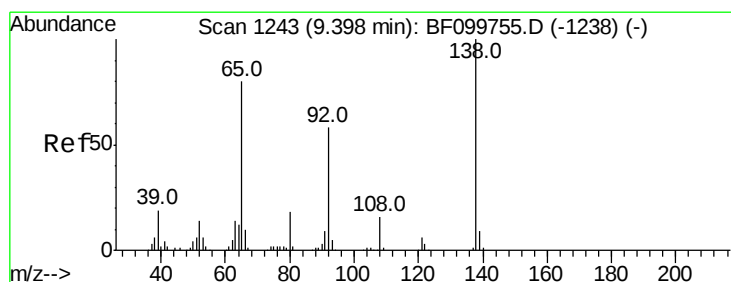
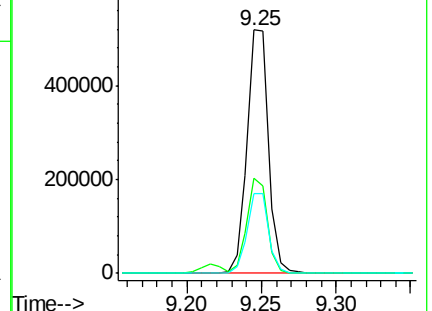
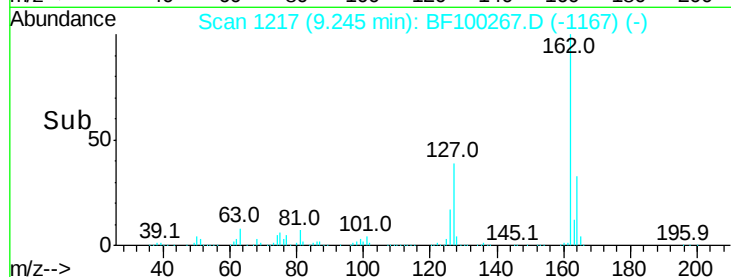
164 32.6 26.5 39.7



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: 41.926 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

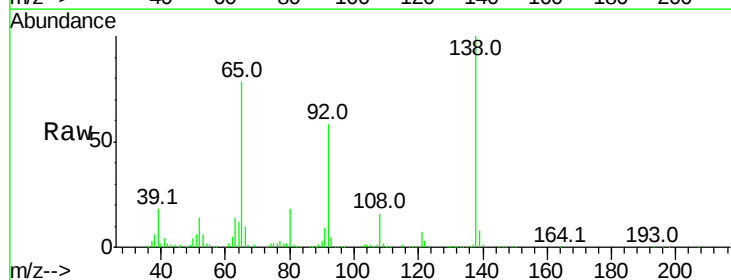
Tgt Ion: 65 Resp: 136806

Ion Ratio Lower Upper

65 100

92 74.1 55.8 83.6

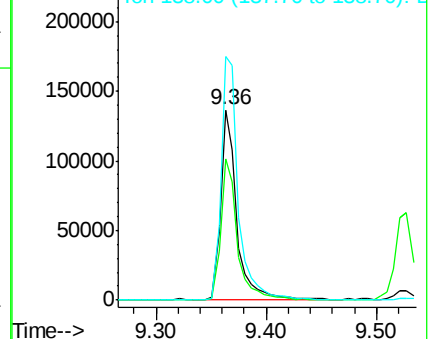
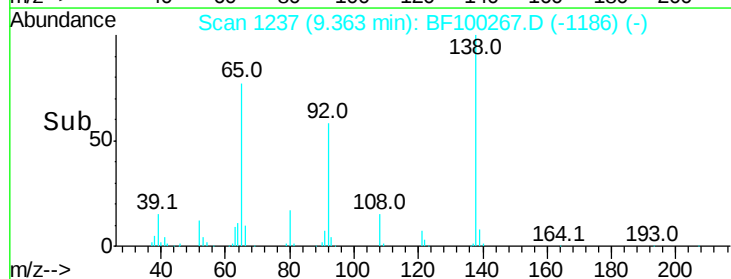
138 128.0 91.2 136.8

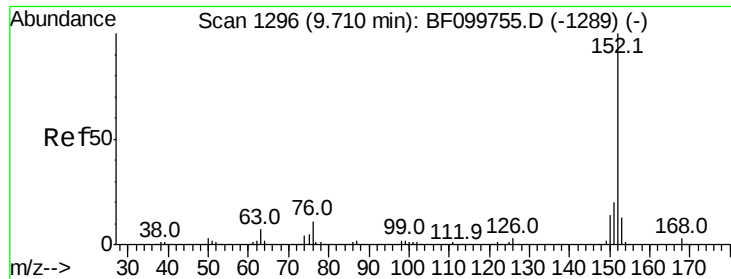


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.694 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

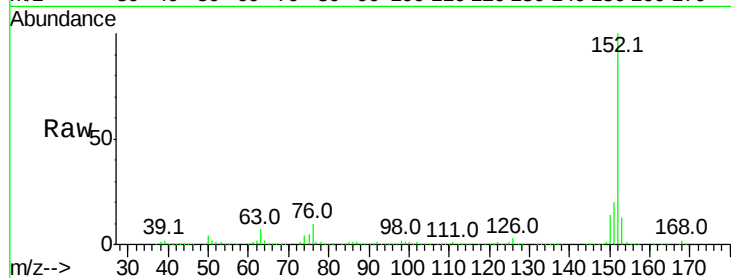
Tot Ion:152 Resp: 779245

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

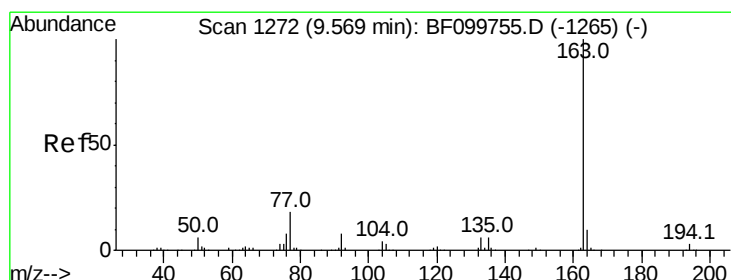
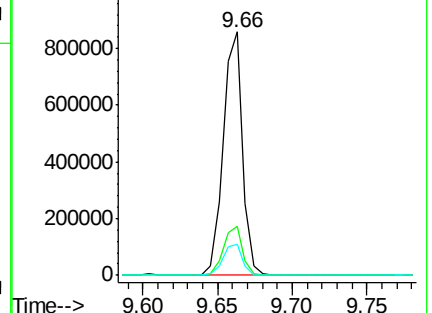
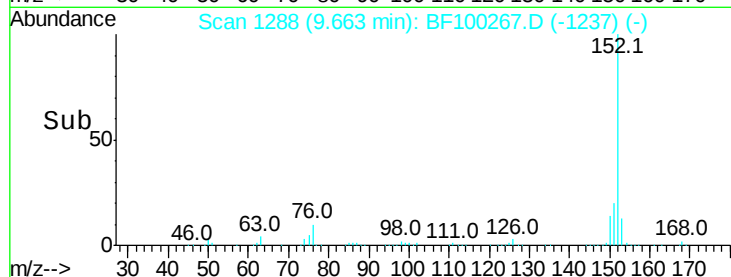
153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.915 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

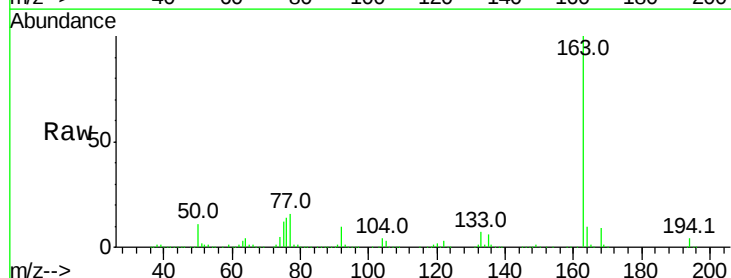
Tgt Ion:163 Resp: 598170

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

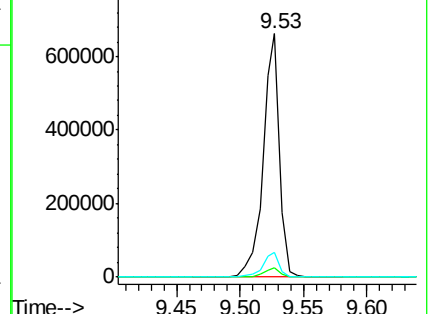
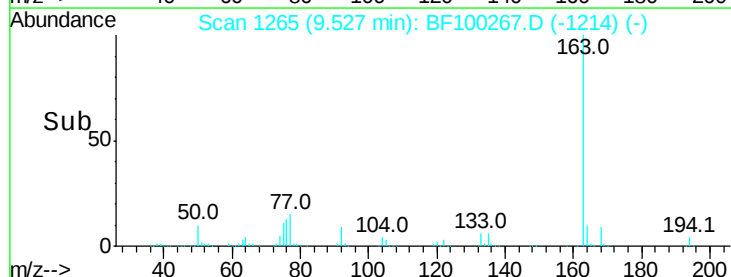
164 9.9 8.2 12.2

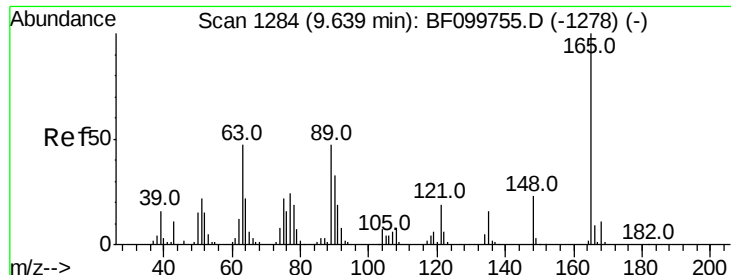


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 42.390 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :

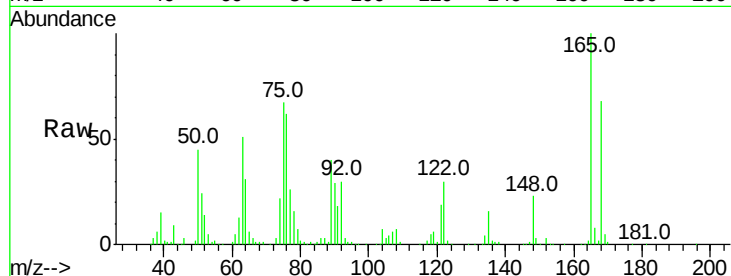
Tot Ion:165 Resp: 133548

Ion Ratio Lower Upper

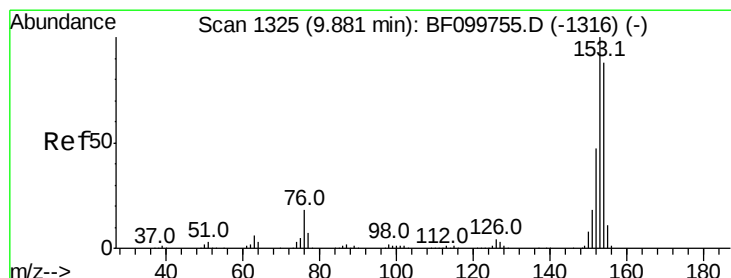
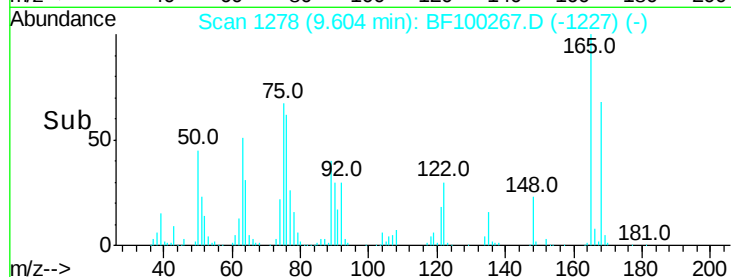
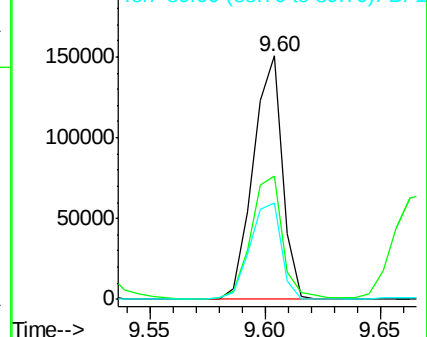
165 100

63 50.6 44.7 67.1

89 39.6 44.0 66.0#



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



#51

Acenaphthene

Concen: 39.625 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

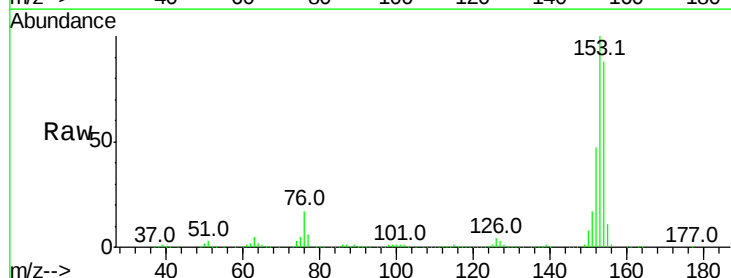
Tgt Ion:154 Resp: 463630

Ion Ratio Lower Upper

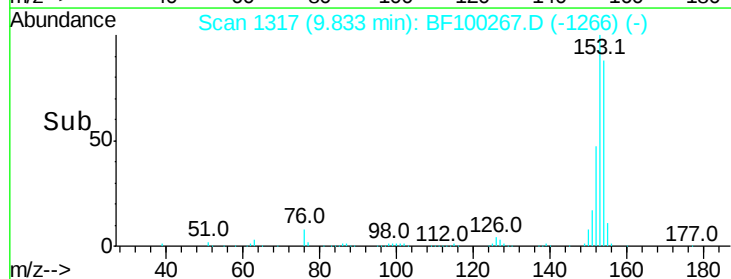
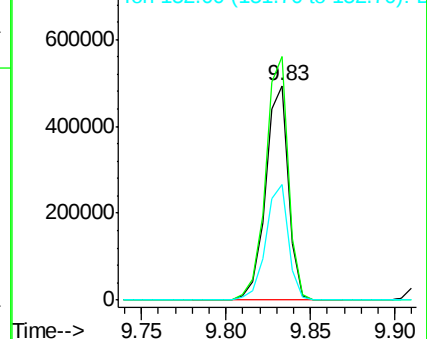
154 100

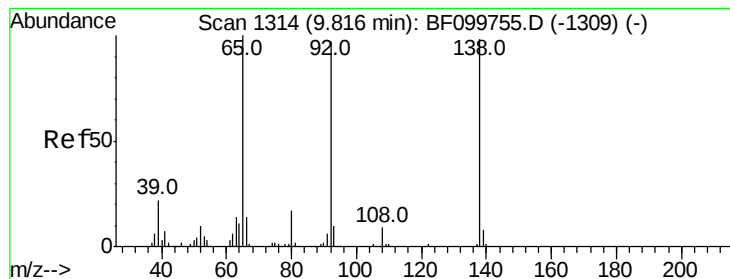
153 113.5 91.2 136.8

152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 17.802 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

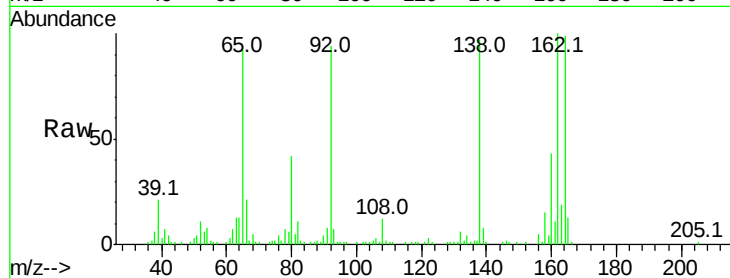
Tot Ion:138 Resp: 66083

Ion Ratio Lower Upper

138 100

108 12.6 9.4 14.0

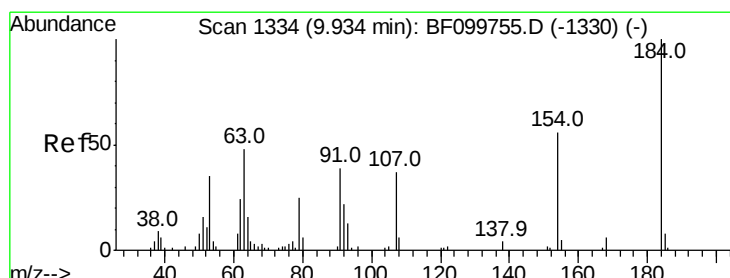
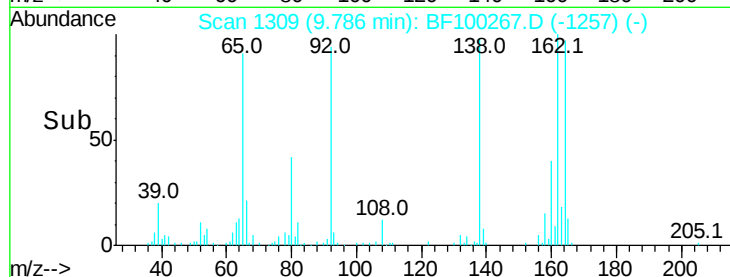
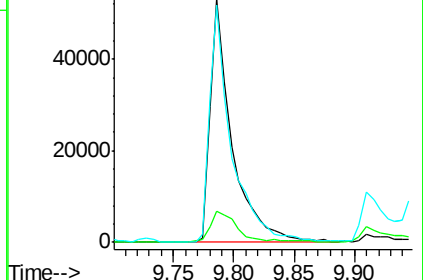
92 97.6 89.4 134.2



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: 86.452 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

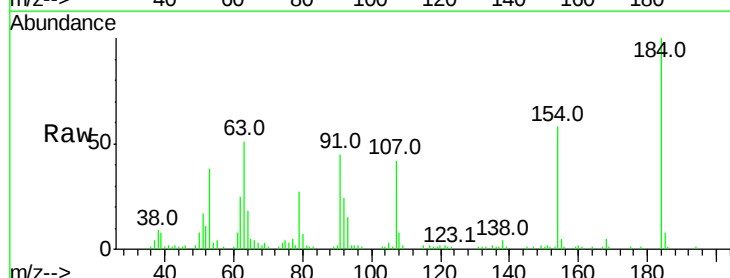
Tgt Ion:184 Resp: 108158

Ion Ratio Lower Upper

184 100

63 51.5 54.2 81.2#

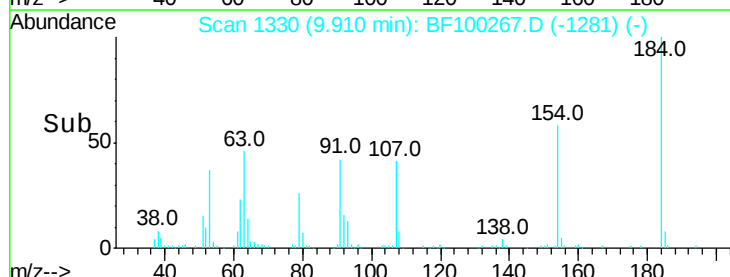
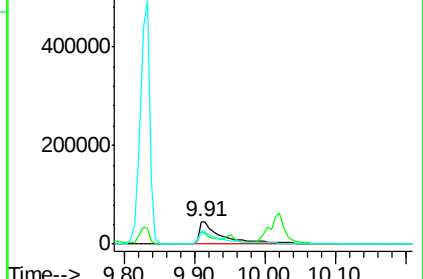
154 57.8 53.5 80.3

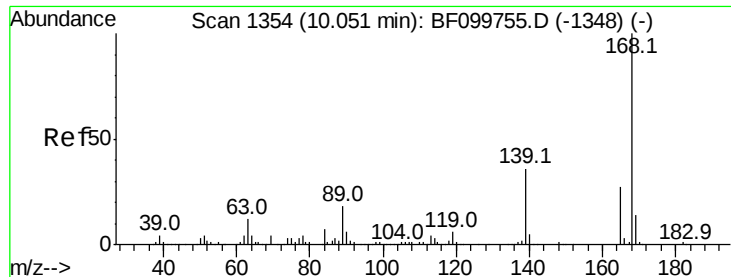


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

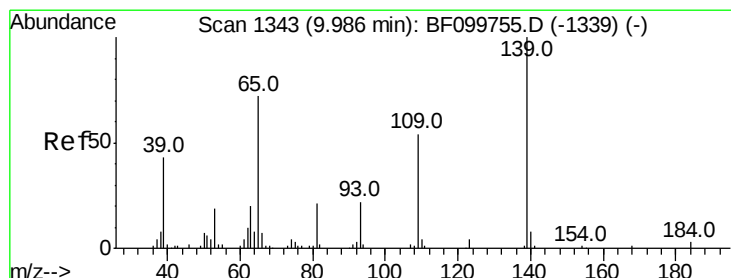
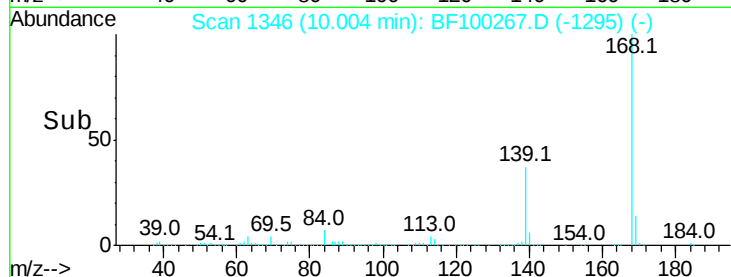
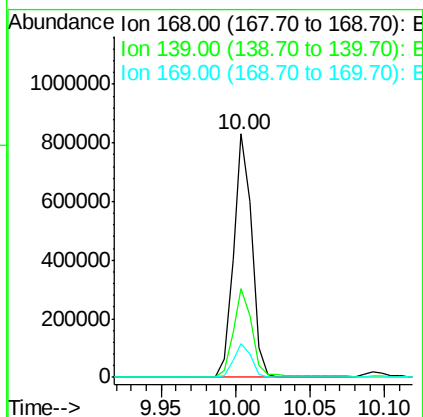
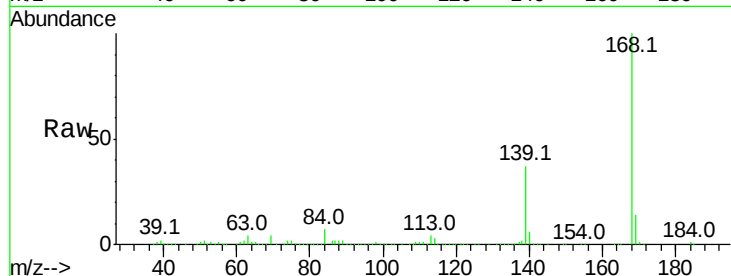




#54
Dibenzofuran
Concen: 43.036 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

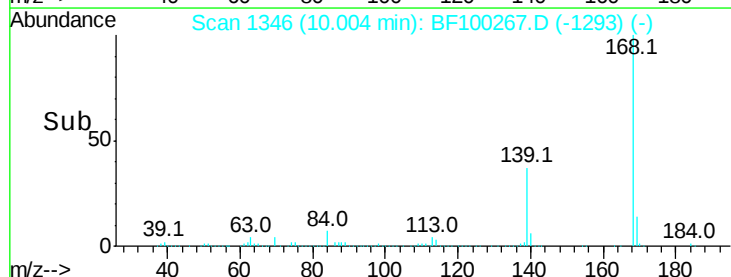
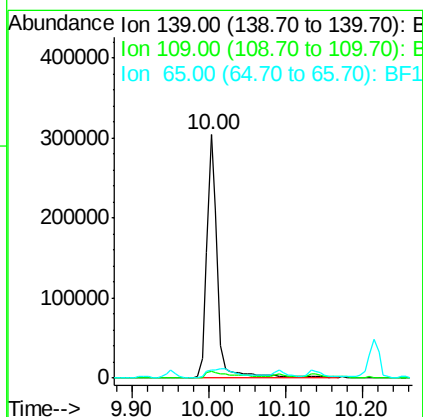
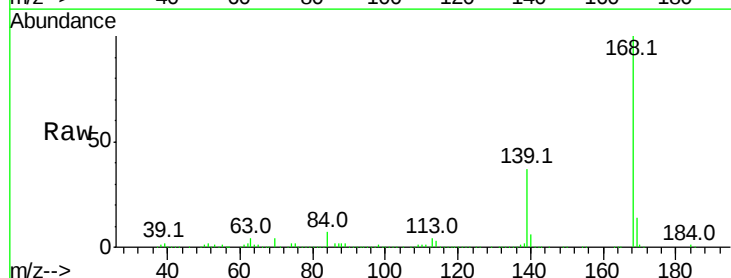
Instrument :
BNA_F
ClientSampleId :

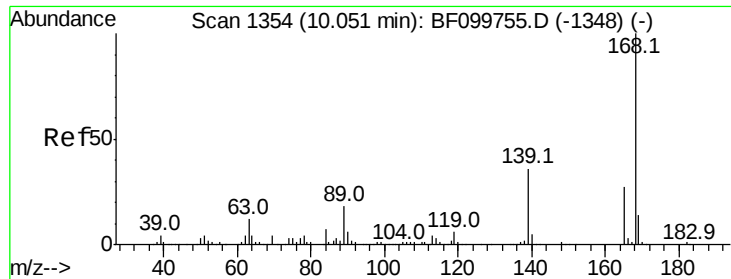
Tot Ion:168 Resp: 710769
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.6 10.9 16.3



#55
4-Nitrophenol
Concen: 150.603 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:139 Resp: 292107
Ion Ratio Lower Upper
139 100
109 2.5 48.4 88.4#
65 3.4 72.6 112.6#

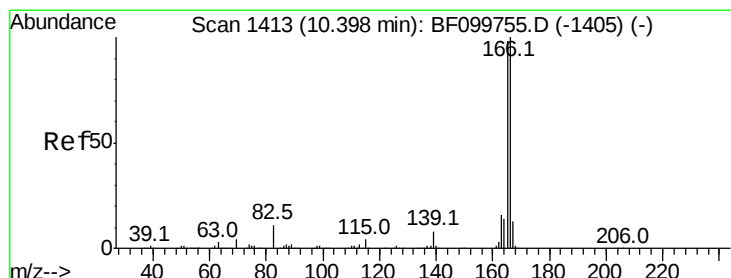
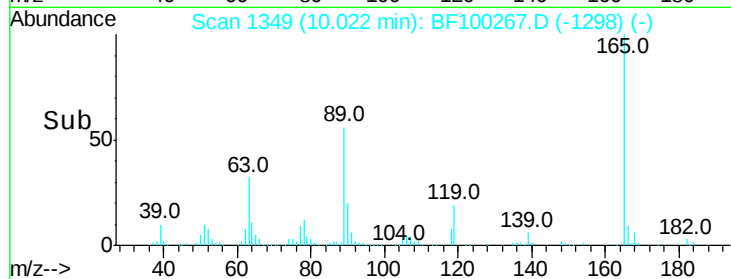
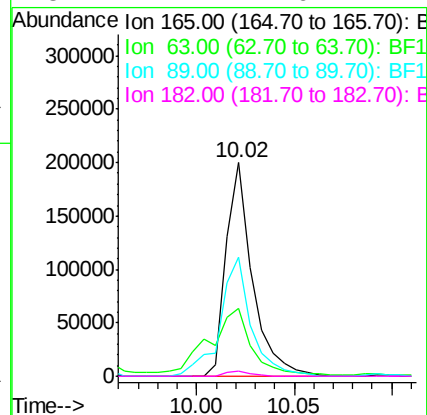
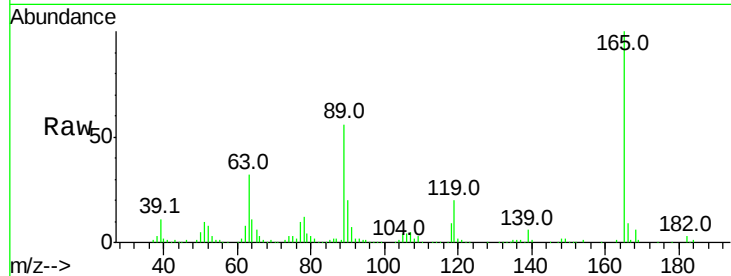




#56
 2,4-Dinitrotoluene
 Concen: 49.518 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

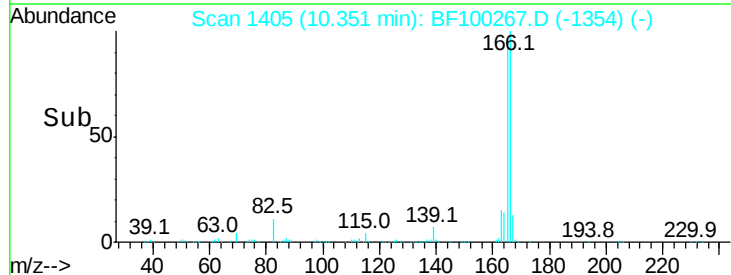
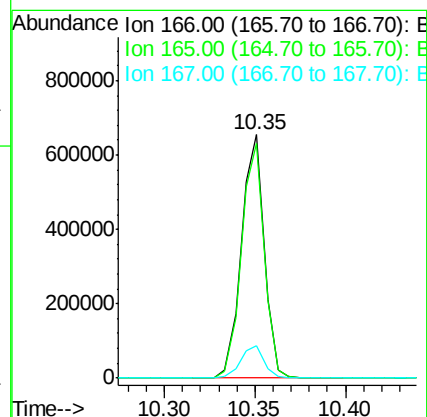
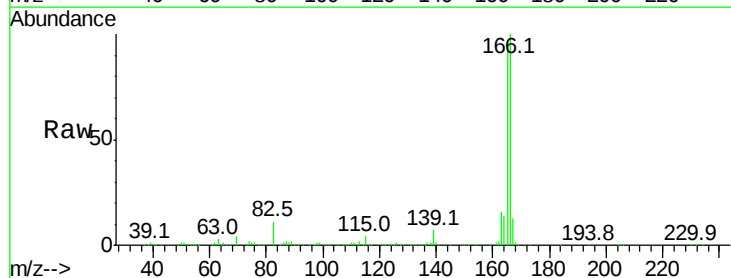
Instrument :
 BNA_F
 ClientSampleId :

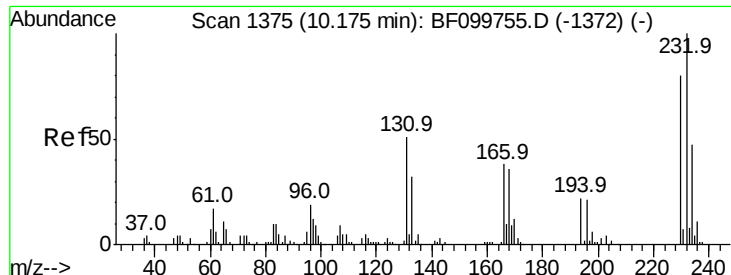
Tot Ion:165 Resp: 187872
 Ion Ratio Lower Upper
 165 100
 63 32.0 36.4 54.6#
 89 55.6 57.8 86.6#
 182 2.7 1.6 2.4#



#57
 Fluorene
 Concen: 41.737 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion:166 Resp: 570738
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.8 119.8
 167 13.2 10.6 16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 46.022 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 126591

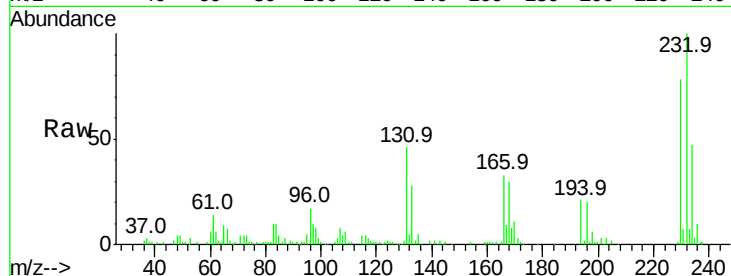
Ion Ratio Lower Upper

232 100

131 40.8 43.8 65.8#

130 2.3 2.1 3.1

166 28.8 27.8 41.6

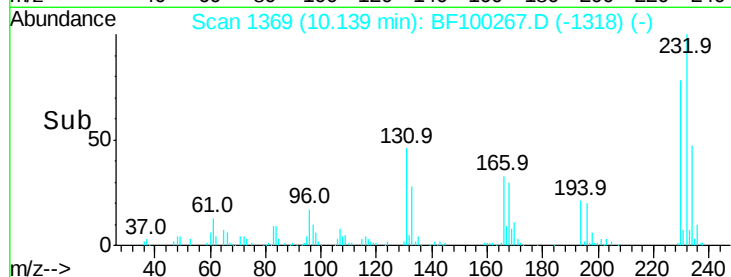


Abundance Ion 232.00 (231.70 to 232.70): E

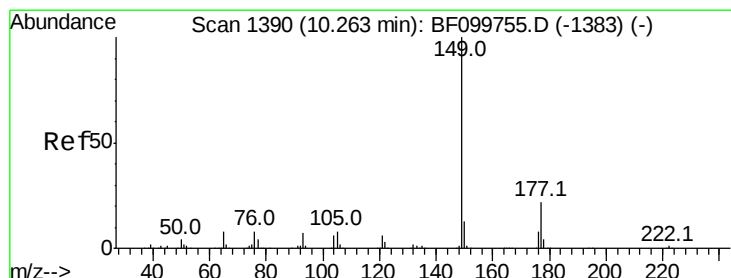
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 39.805 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

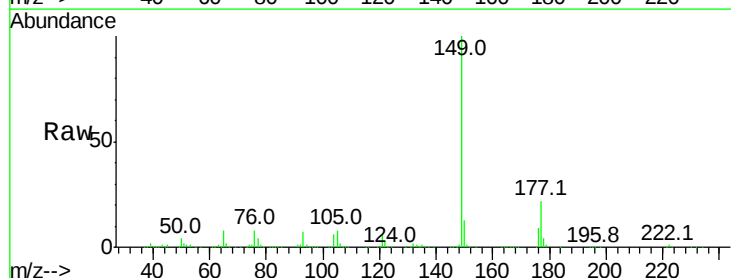
Tgt Ion:149 Resp: 582533

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

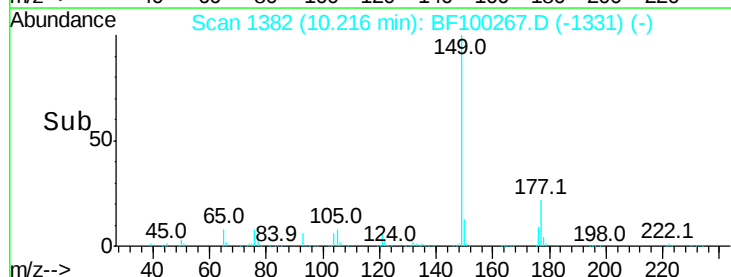
150 12.7 10.1 15.1



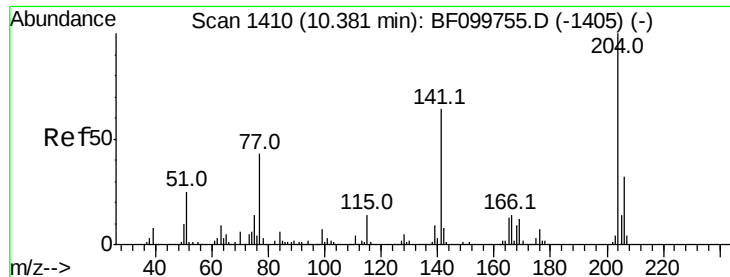
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



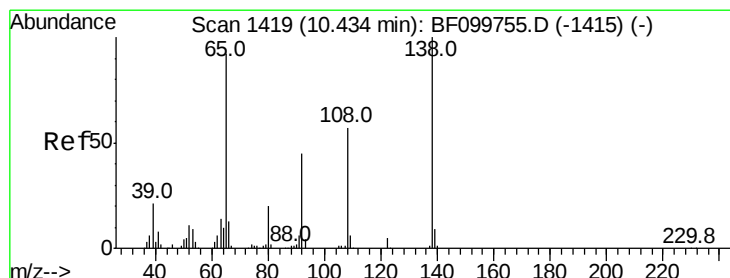
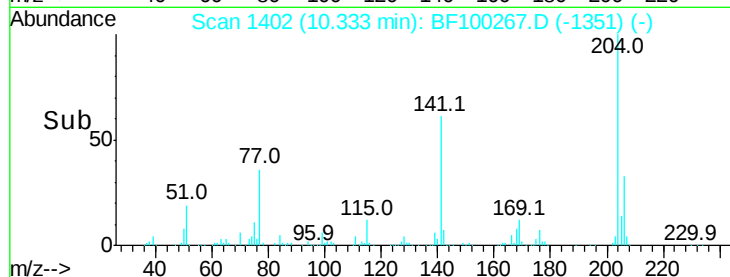
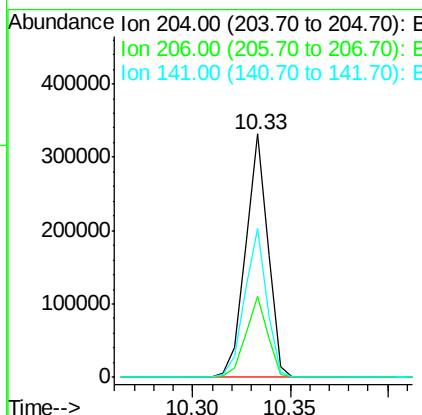
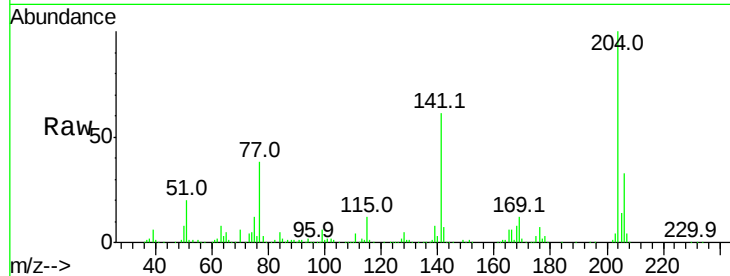
Time-->



#60
4-Chlorophenyl-phenylether
Concen: 40.783 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

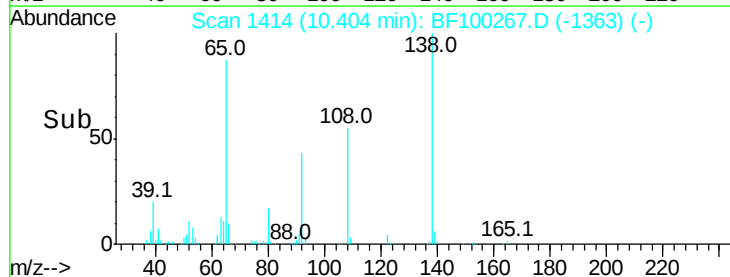
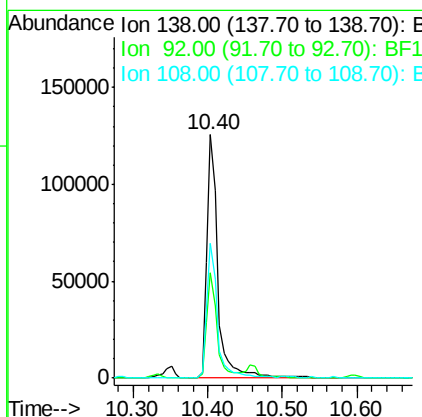
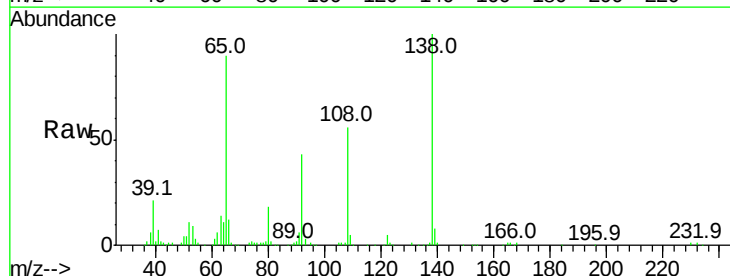
Instrument :
BNA_F
ClientSampled :

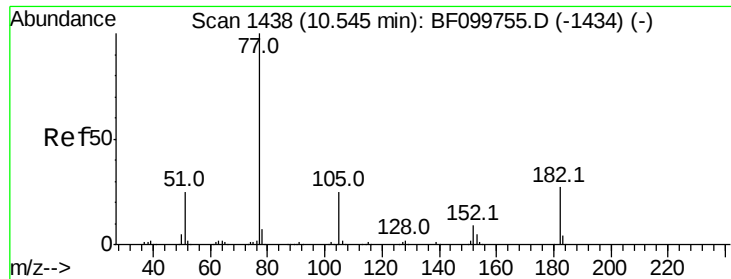
Tot Ion:204 Resp: 262470
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.0 54.6 81.8



#61
4-Nitroaniline
Concen: 36.928 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:138 Resp: 130786
Ion Ratio Lower Upper
138 100
92 43.3 30.2 70.2
108 55.6 52.5 92.5





#62

Azobenzene

Concen: 40.616 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 498268

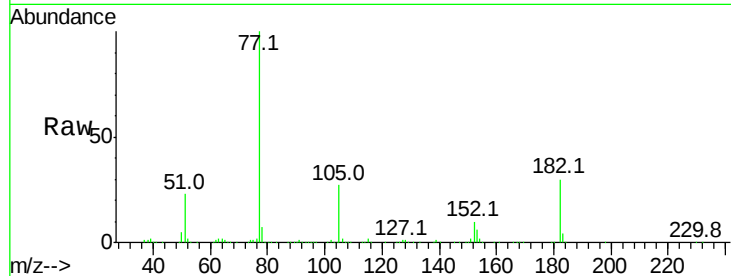
Ion Ratio Lower Upper

77 100

182 30.0 1.7 41.7

105 26.8 3.0 43.0

51 23.3 9.9 49.9

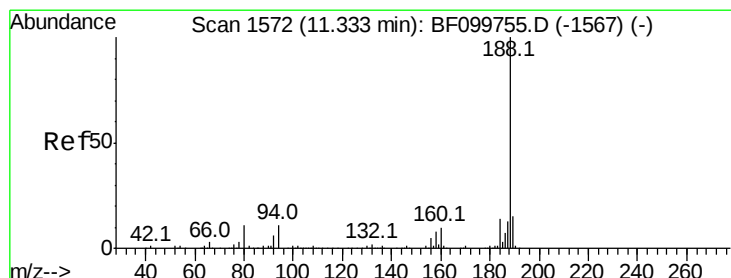
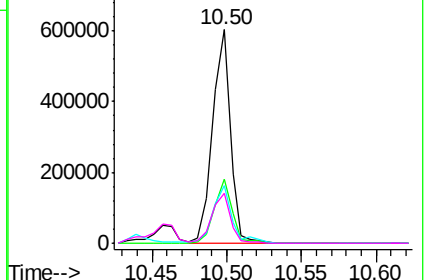
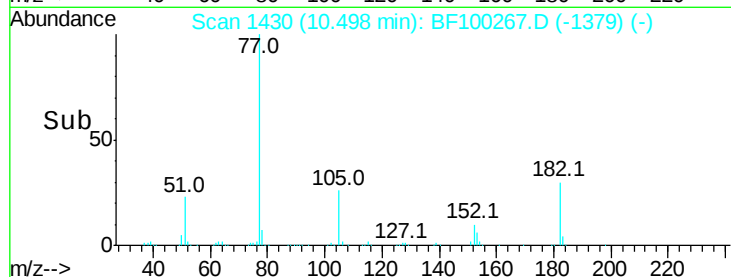


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

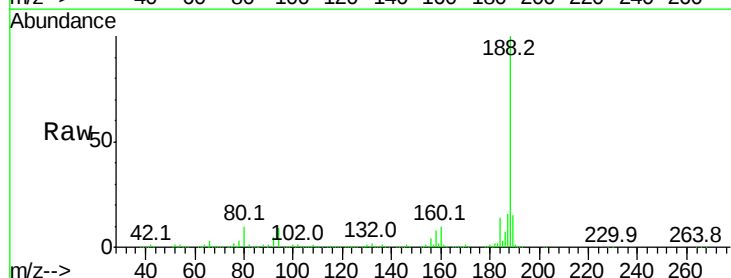
Tgt Ion: 188 Resp: 328535

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

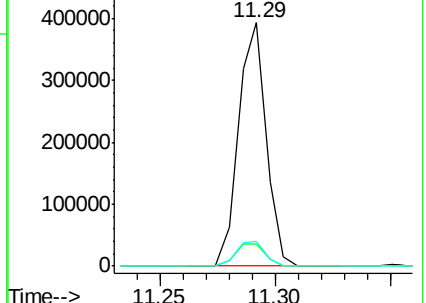
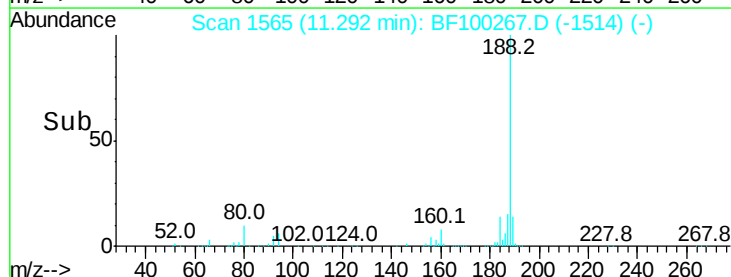
80 9.9 9.2 13.8

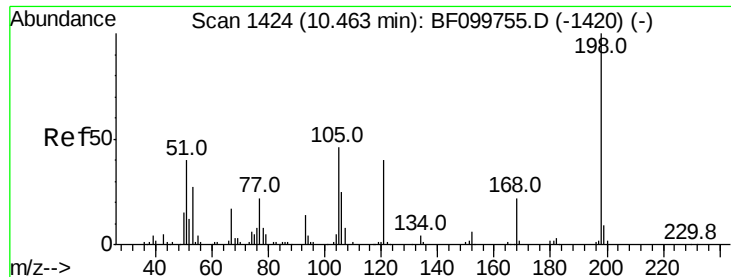


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 32.129 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

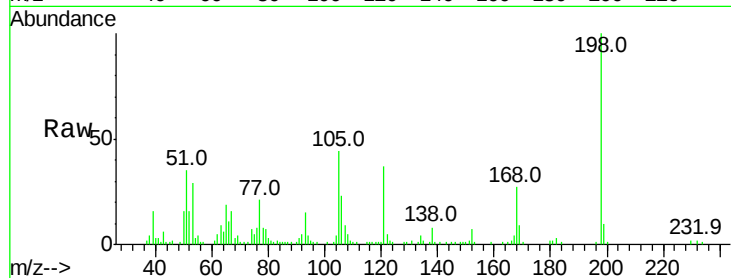
Tot Ion:198 Resp: 66353

Ion Ratio Lower Upper

198 100

51 34.6 37.7 77.7#

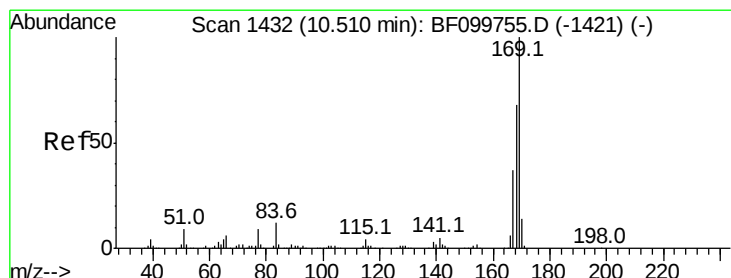
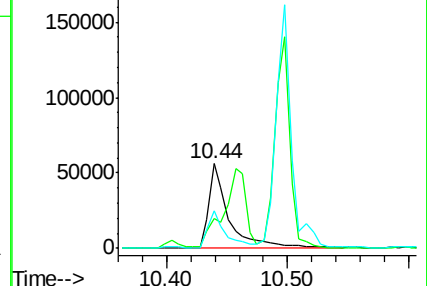
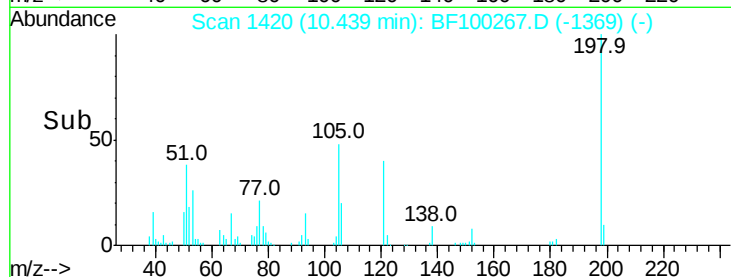
105 43.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.266 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

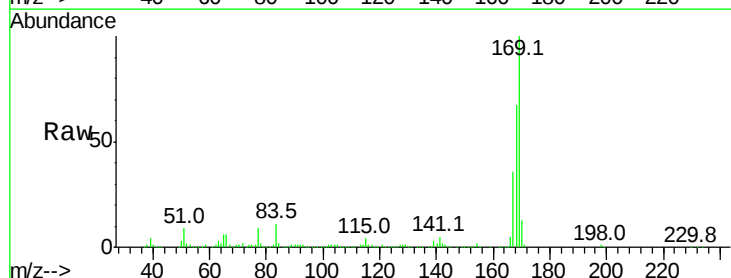
Tgt Ion:169 Resp: 500460

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

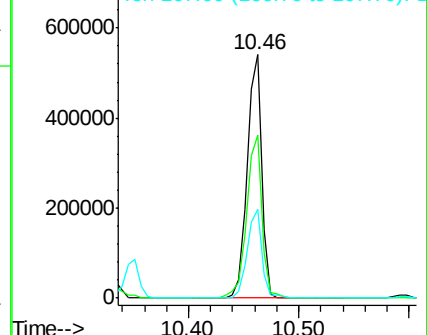
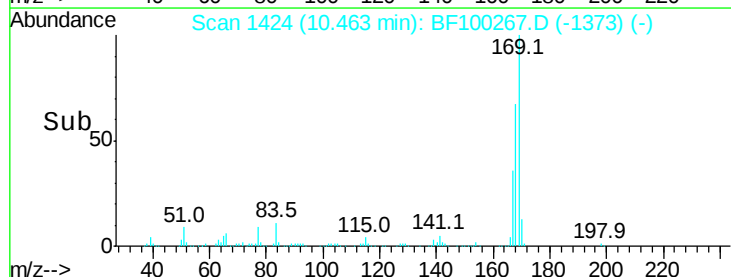
167 36.3 29.8 44.6

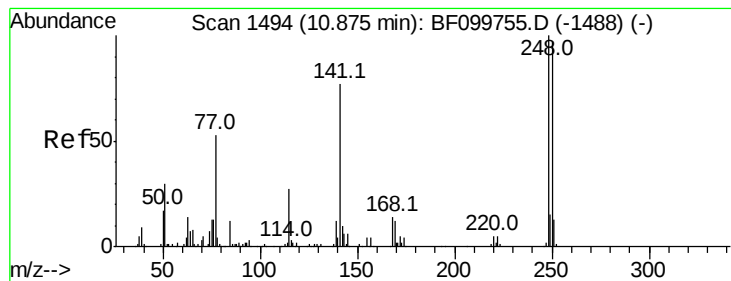


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 44.113 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

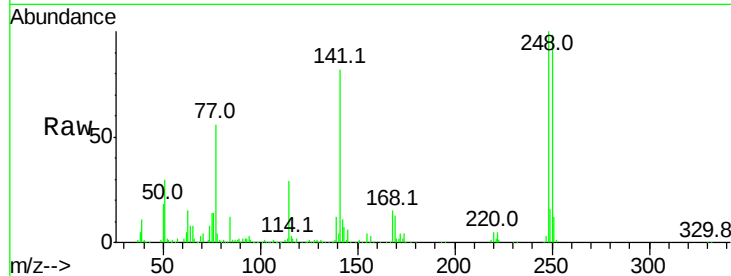
Instrument :

BNA_F

ClientSampleId :

Tot Ion:248 Resp: 152571

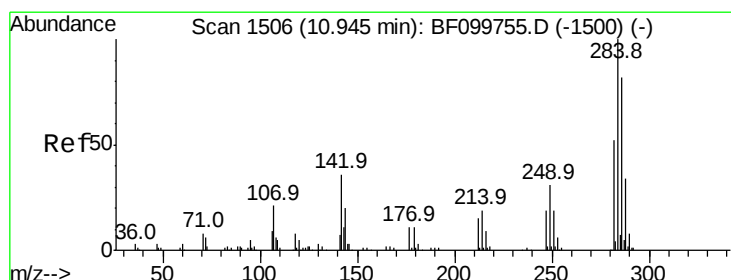
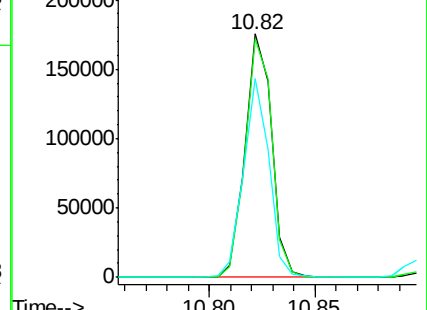
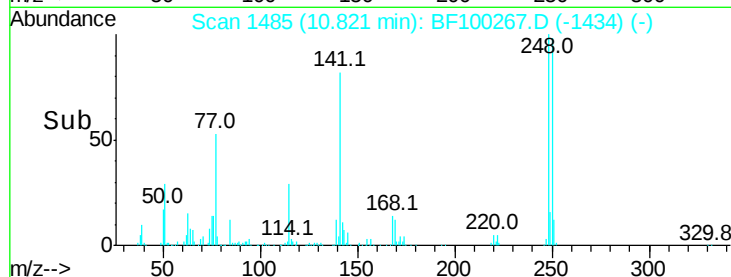
Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	81.7	74.4	111.6



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: 43.266 ng

RT: 10.90 min Scan# 1498

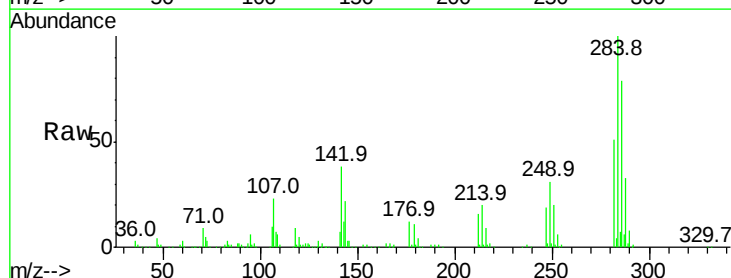
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:284 Resp: 153095

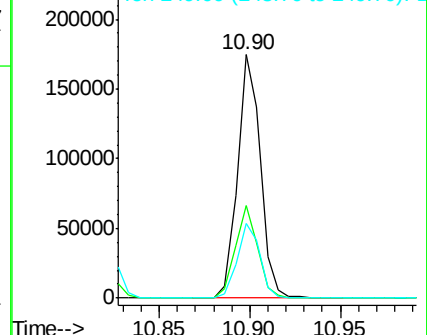
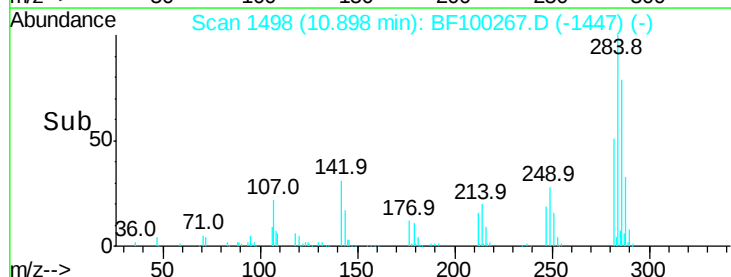
Ion	Ratio	Lower	Upper
284	100		
142	38.2	34.6	52.0
249	30.7	24.8	37.2

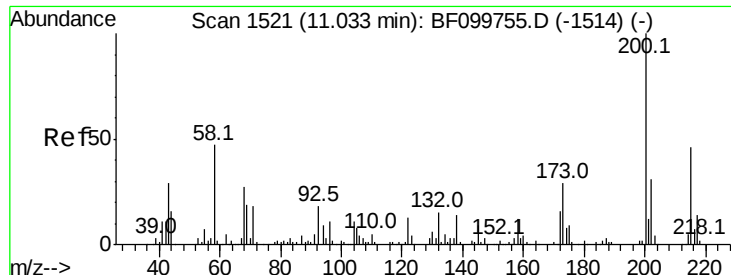


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

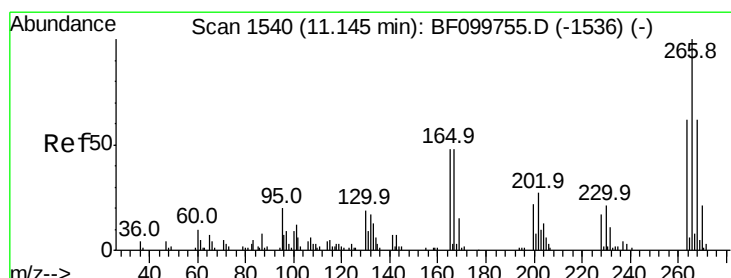
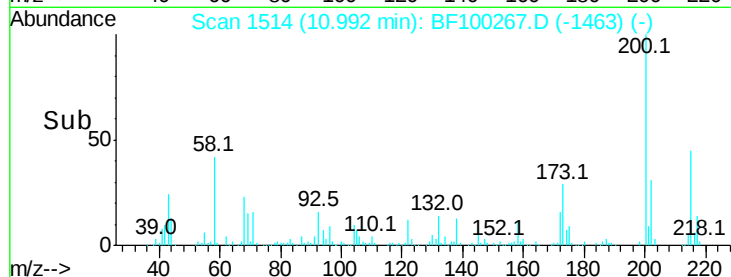
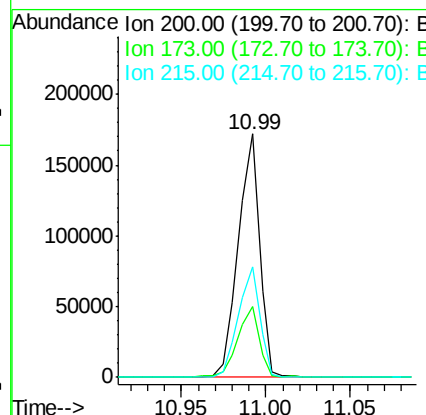
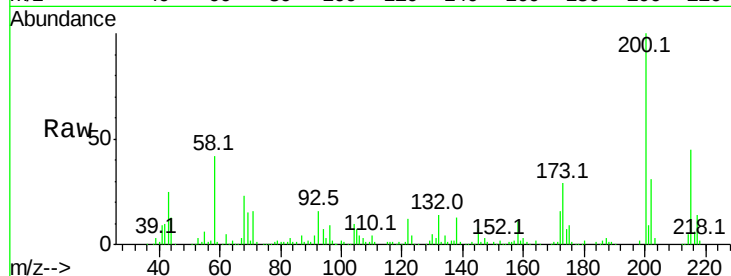




#68
Atrazine
Concen: 41.444 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

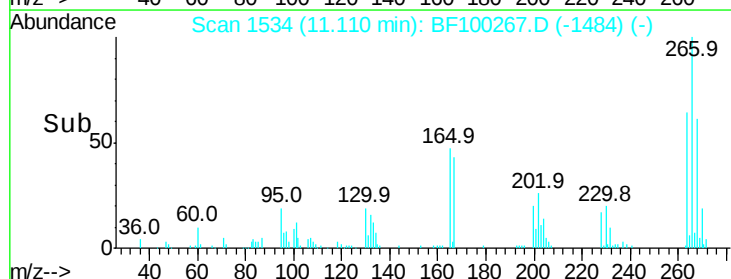
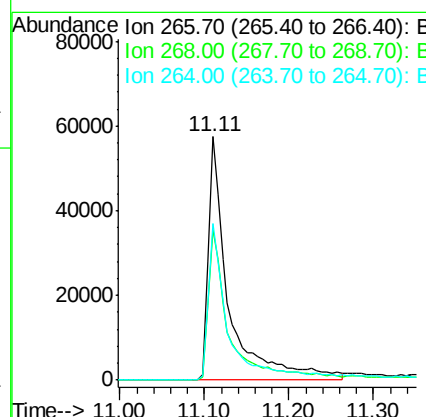
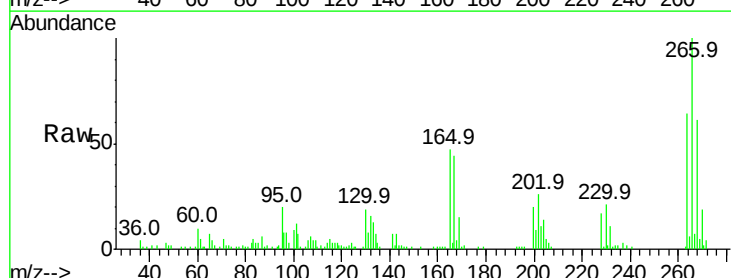
Instrument :
BNA_F
ClientSampleId :

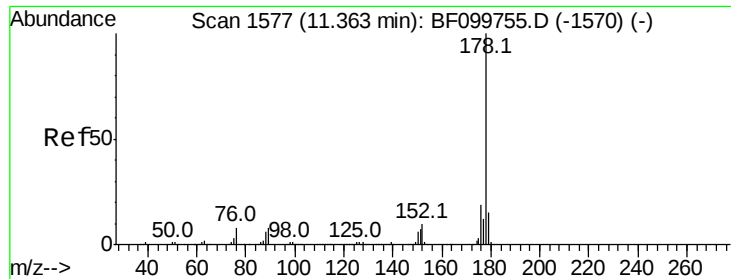
Tot Ion:200 Resp: 150981
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.4 25.1 65.1



#69
Pentachlorophenol
Concen: 64.185 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:266 Resp: 97045
Ion Ratio Lower Upper
266 100
268 61.5 51.1 76.7
264 64.3 49.5 74.3

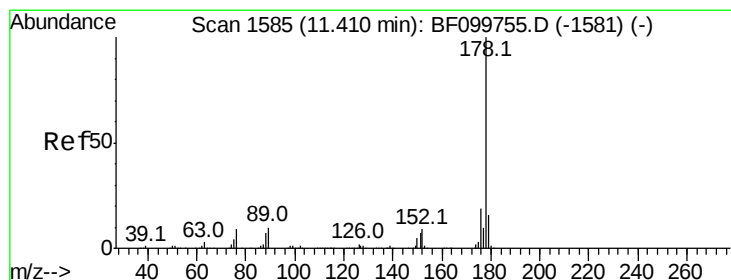
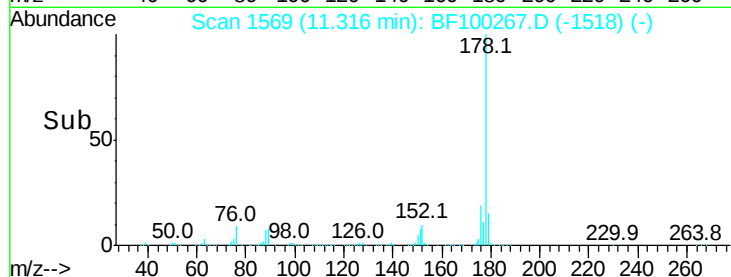
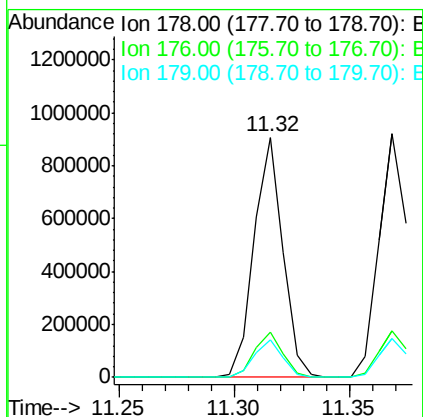
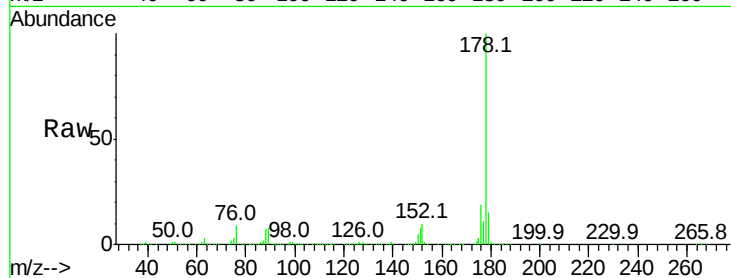




#70
Phenanthrene
Concen: 42.851 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

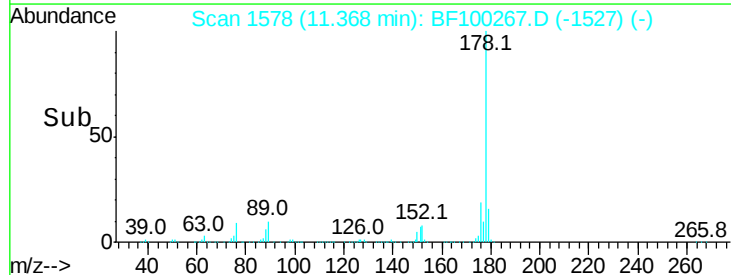
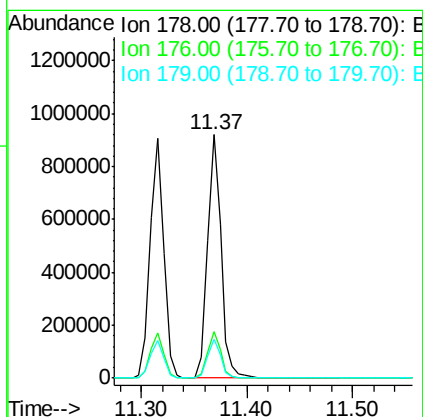
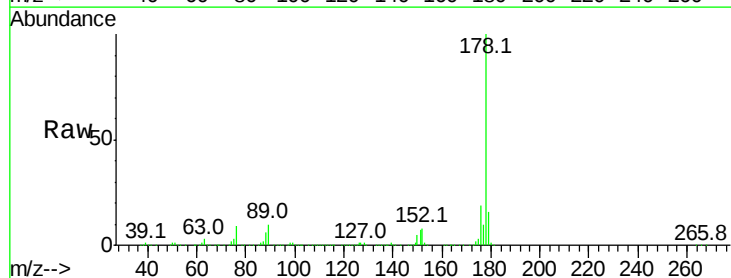
Instrument :
BNA_F
ClientSampleId :

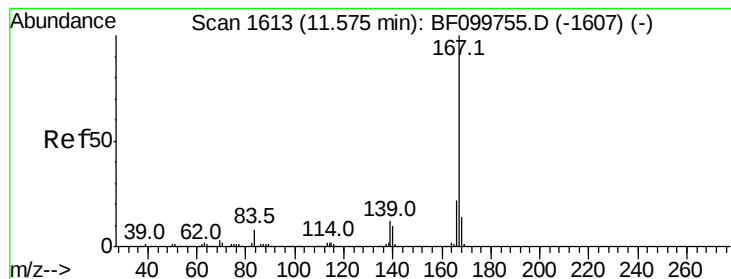
Tot Ion:178 Resp: 794486
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.4 13.0 19.6



#71
Anthracene
Concen: 43.729 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:178 Resp: 822981
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.6 19.0





#72

Carbazole

Concen: 42.719 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

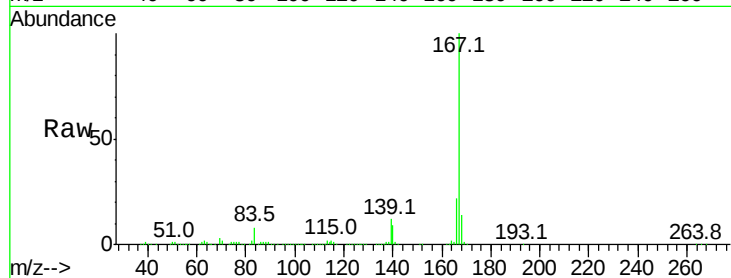
Tot Ion:167 Resp: 756033

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

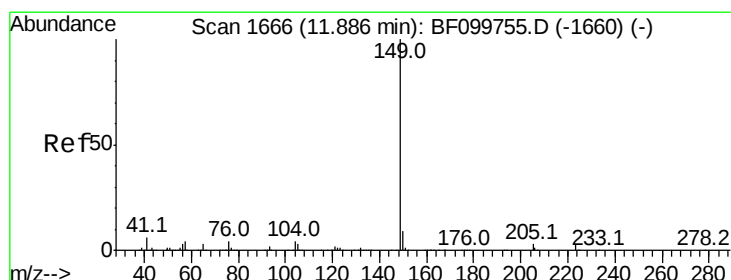
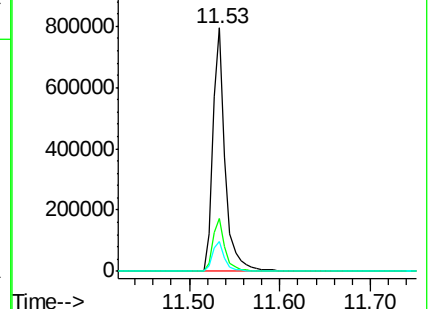
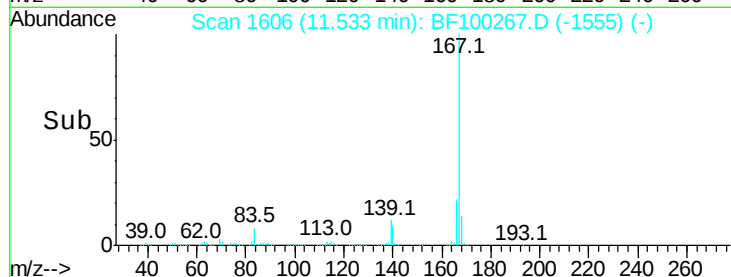
139 12.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.572 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

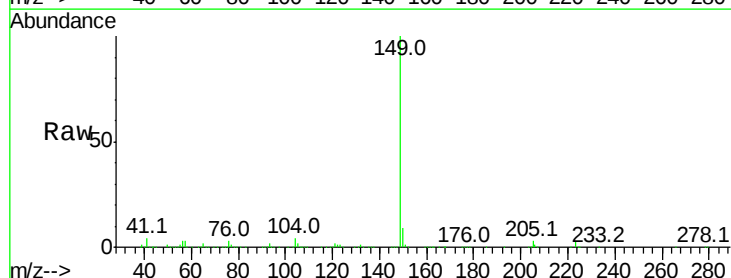
Tgt Ion:149 Resp: 915837

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

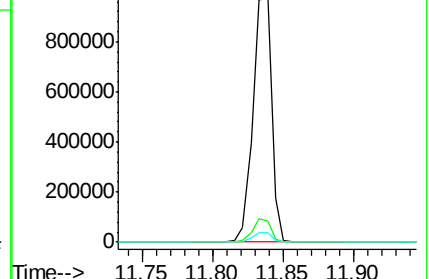
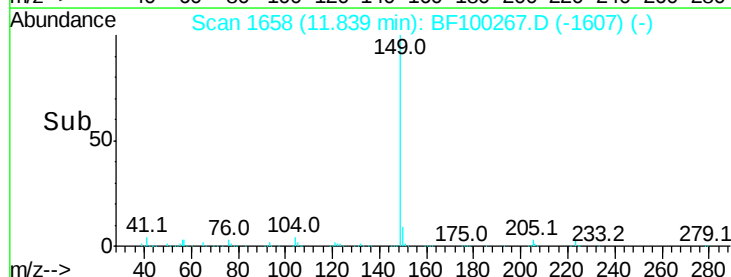
104 3.6 3.8 5.8#

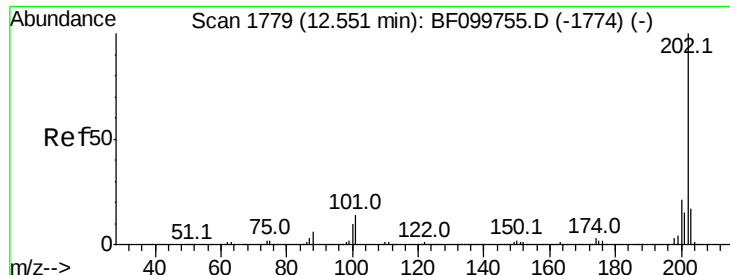


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

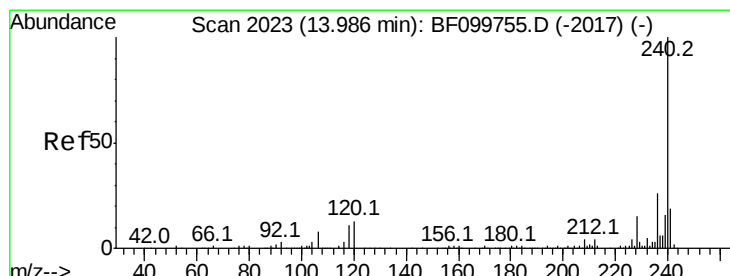
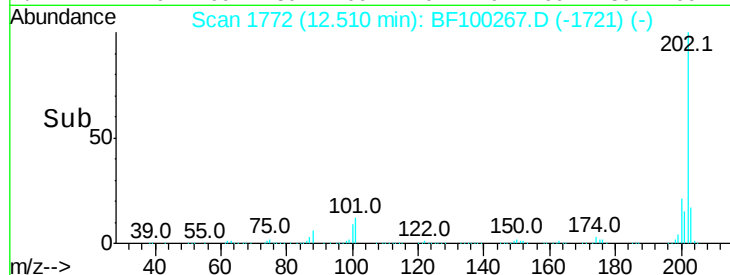
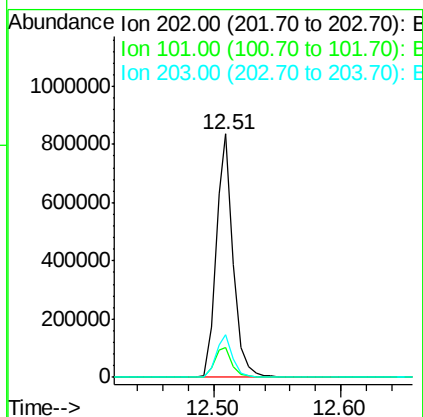
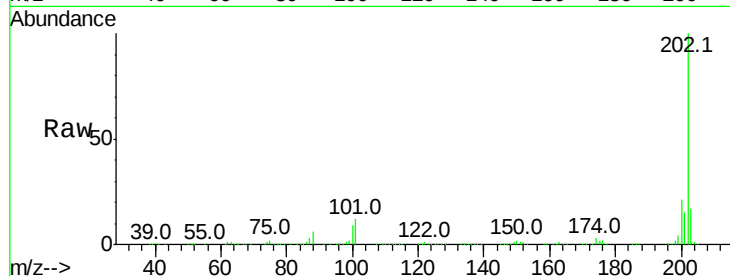




#74
 Fluoranthene
 Concen: 40.434 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

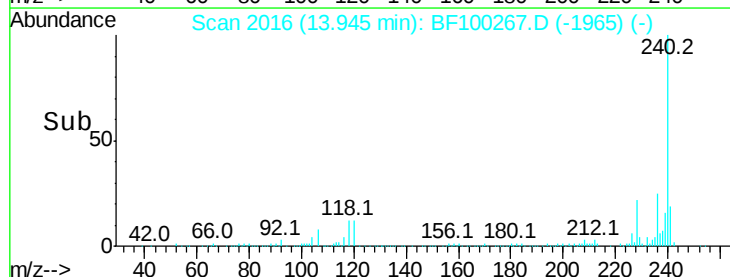
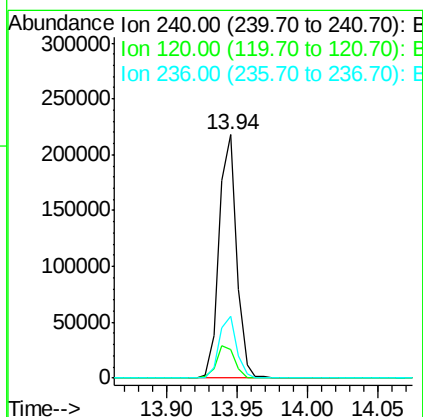
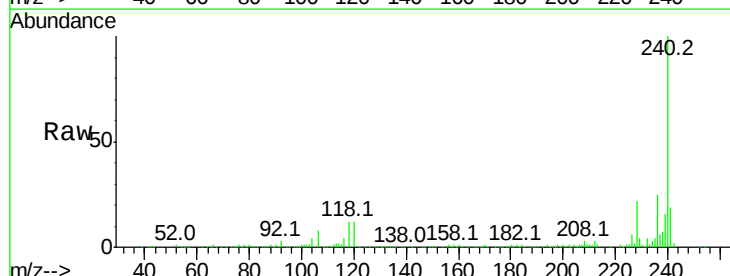
Instrument :
 BNA_F
 ClientSampled :

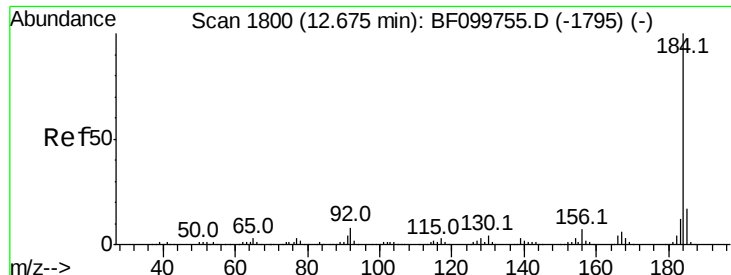
Tot Ion:202 Resp: 779084
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion:240 Resp: 187952
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.2 20.7 31.1

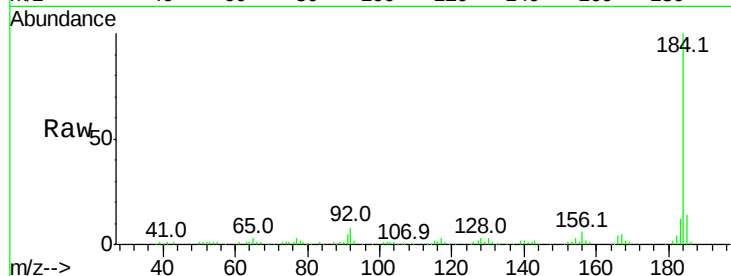




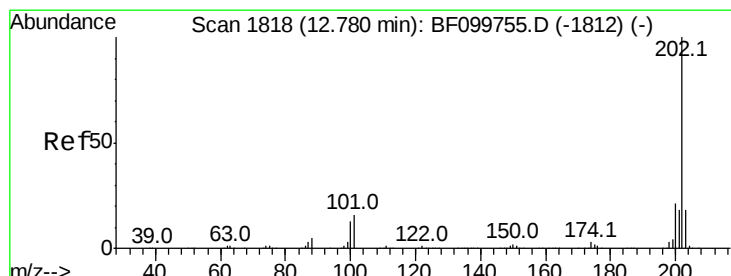
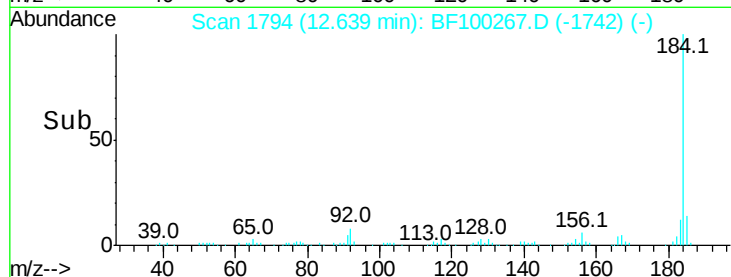
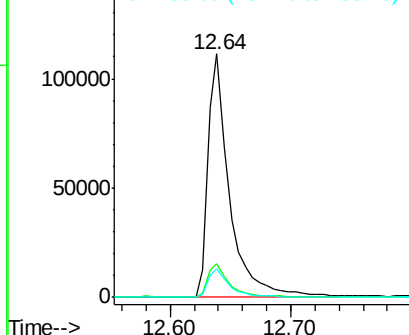
#76
Benzidine
Concen: 16.731 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 137597
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.6 9.3 13.9

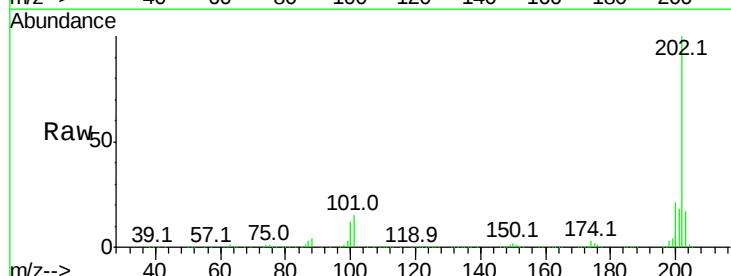


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

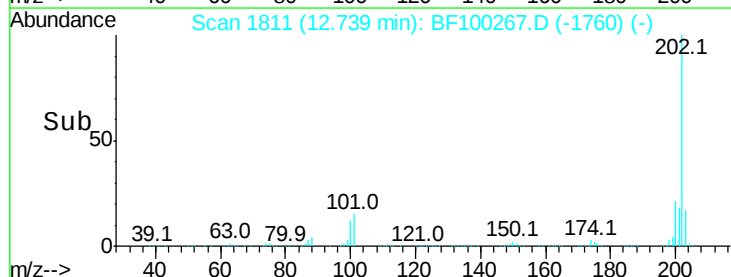
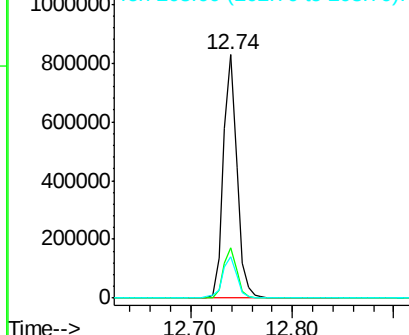


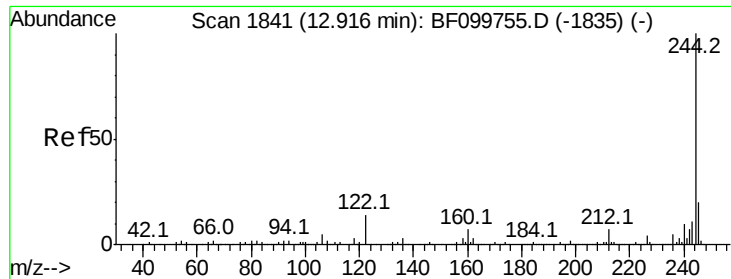
#77
Pyrene
Concen: 53.946 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:202 Resp: 770985
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.1 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: 103.176 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

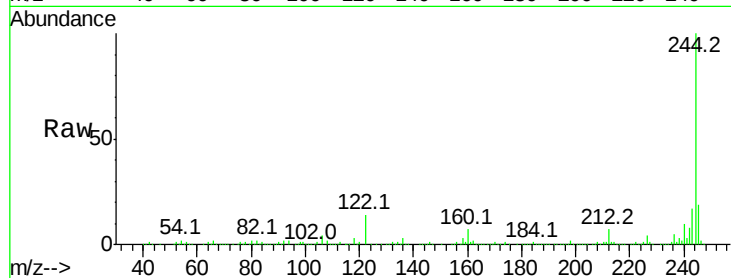
Tot Ion:244 Resp: 887361

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

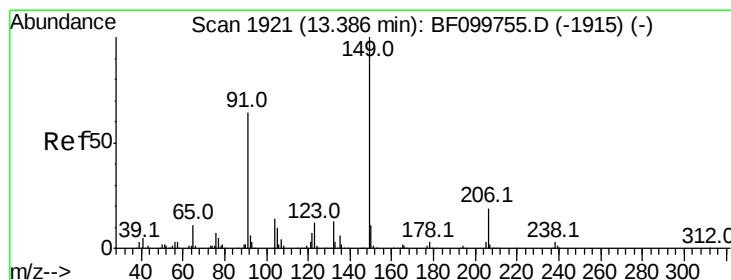
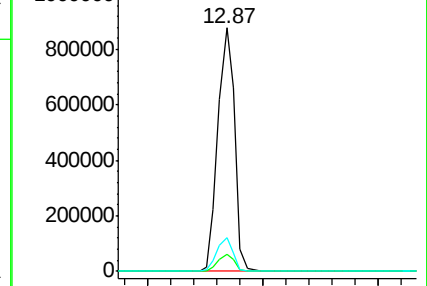
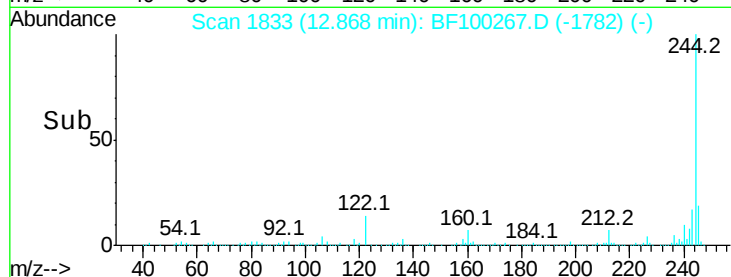
122 13.7 11.0 16.4



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: 49.507 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

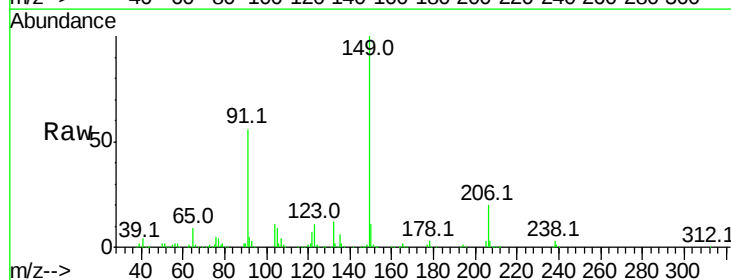
Tgt Ion:149 Resp: 348415

Ion Ratio Lower Upper

149 100

91 56.3 56.8 85.2#

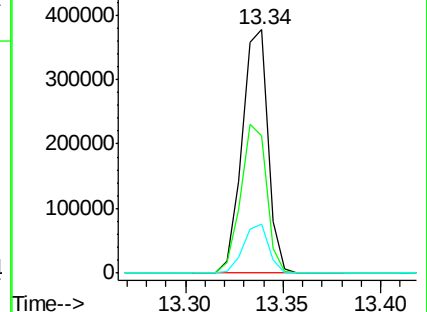
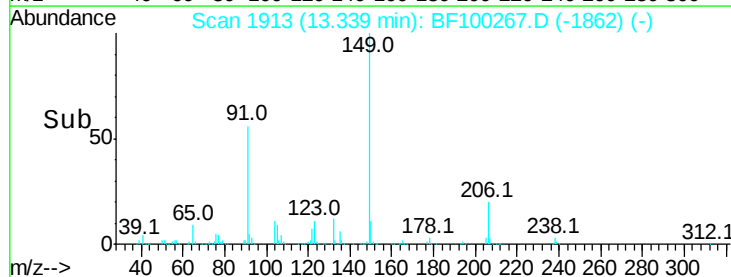
206 20.3 14.1 21.1

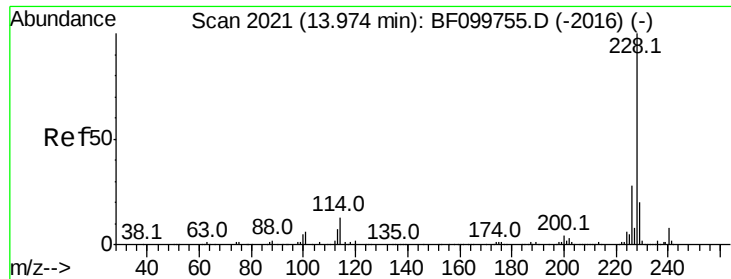


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

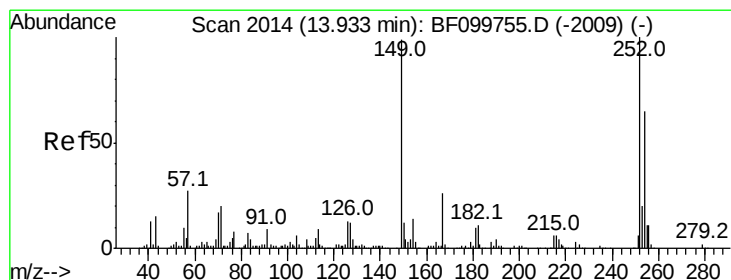
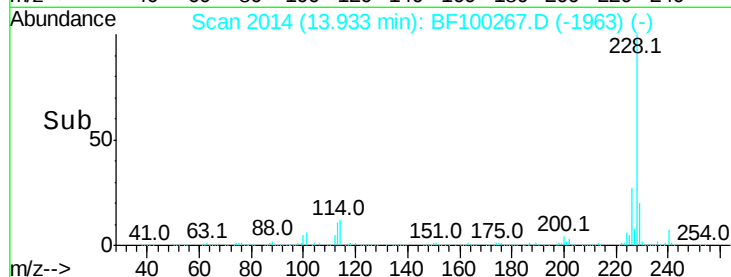
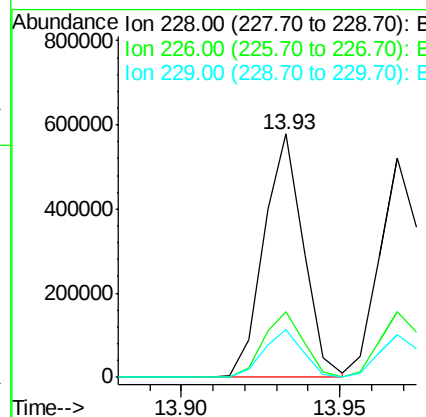
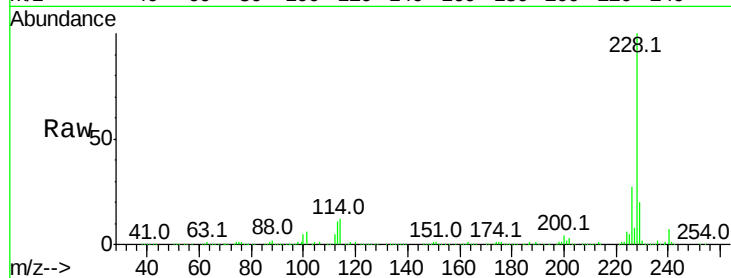




#80
Benzo(a)anthracene
Concen: 41.928 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

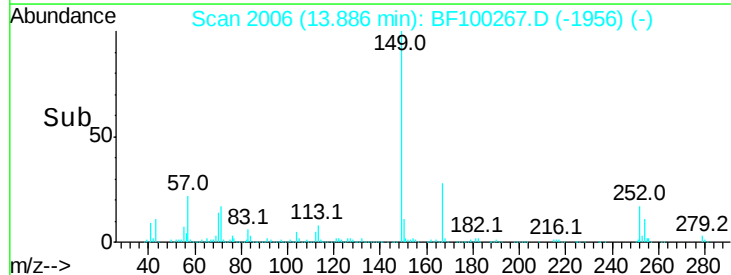
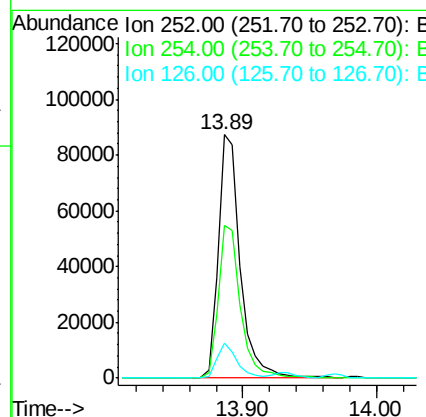
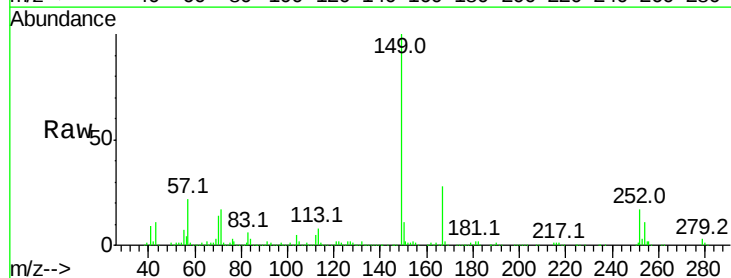
Instrument :
BNA_F
ClientSampleId :

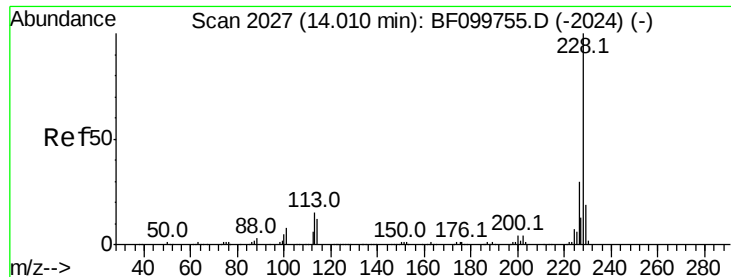
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 23.445 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	14.2	11.3	16.9





#82

Chrysene

Concen: 43.542 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

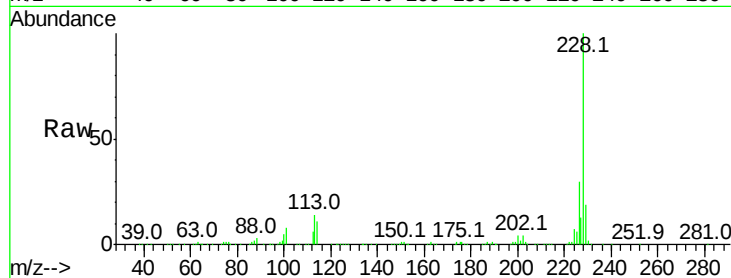
Tot Ion:228 Resp: 487744

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

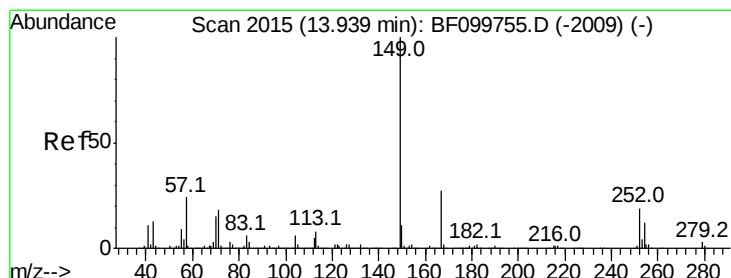
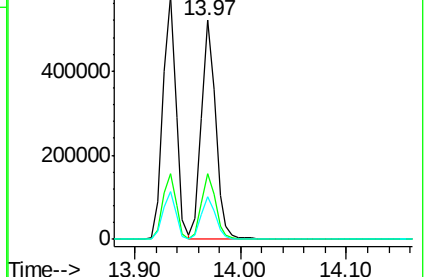
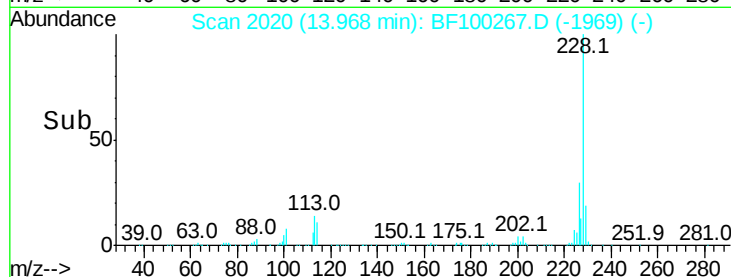
229 19.3 16.2 24.4



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: 44.254 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

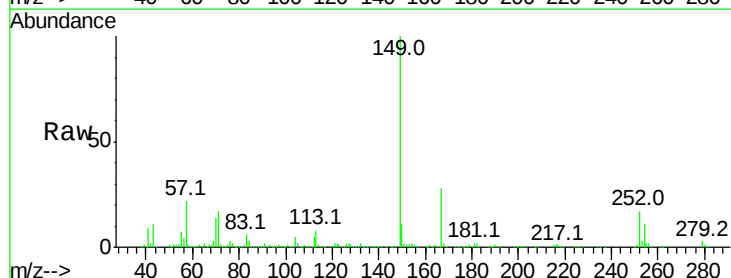
Tgt Ion:149 Resp: 437366

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

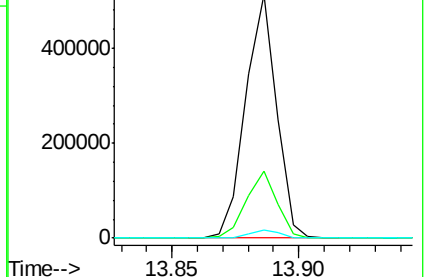
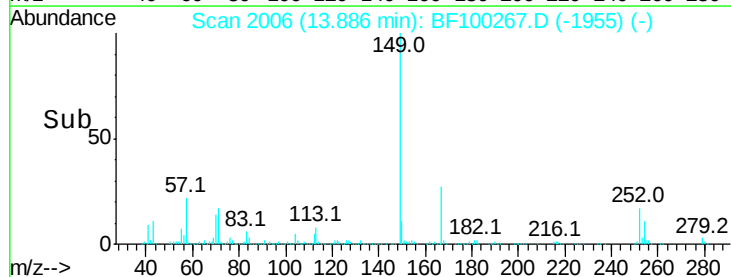
279 3.4 3.0 4.4

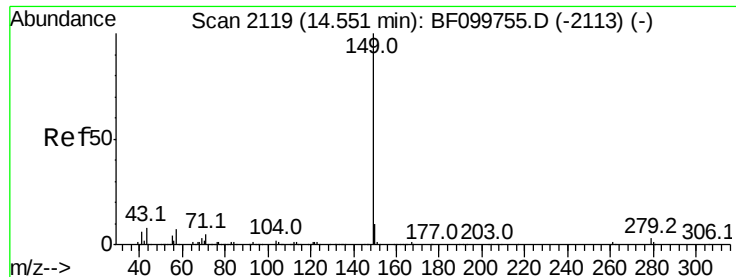


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

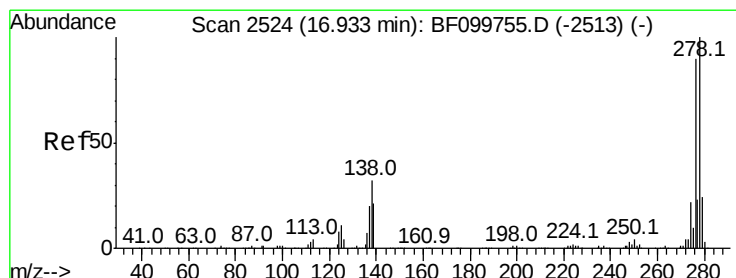
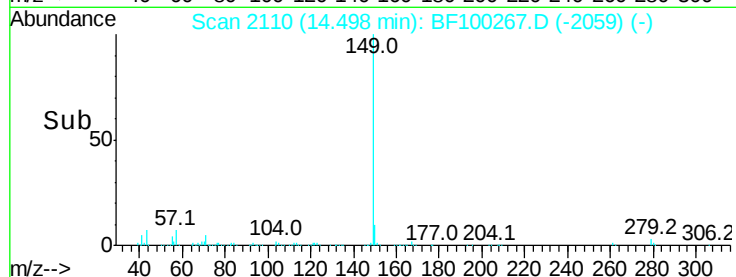
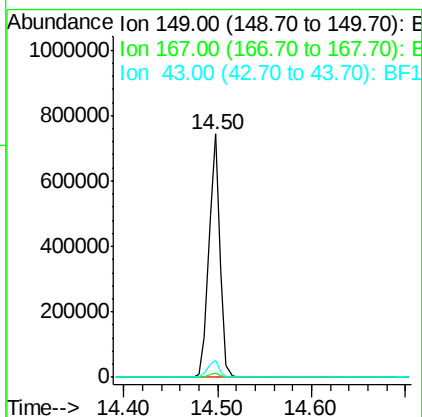
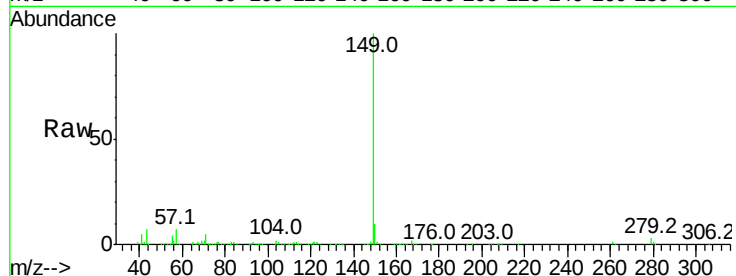




#84
Di-n-octyl phthalate
Concen: 36.466 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

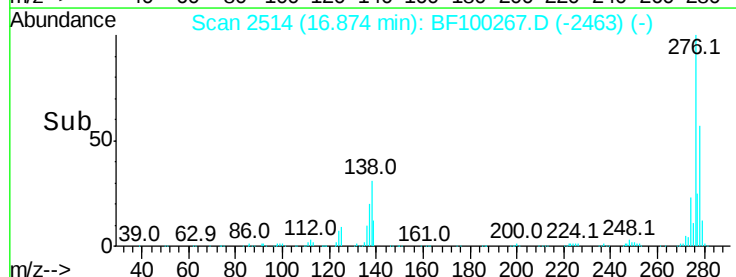
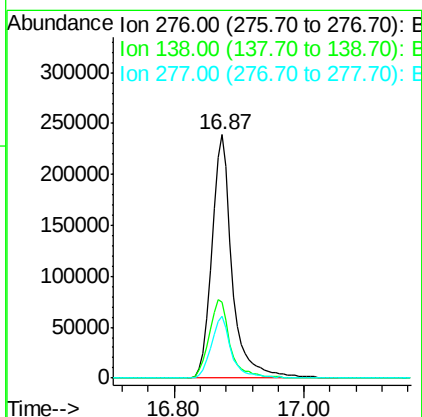
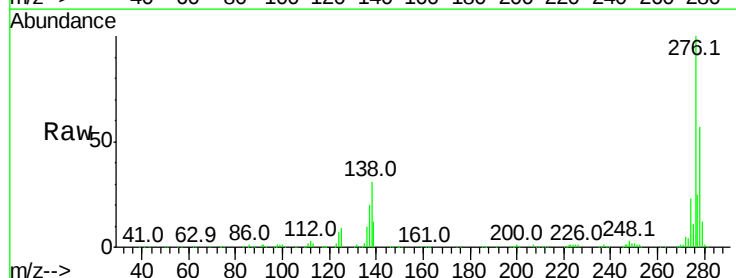
Instrument :
BNA_F
ClientSampleId :

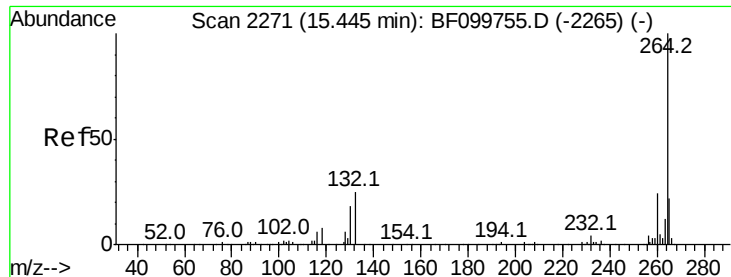
Tot Ion:149 Resp: 618576
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 50.171 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion:276 Resp: 515919
Ion Ratio Lower Upper
276 100
138 34.0 25.0 37.6
277 25.4 20.1 30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

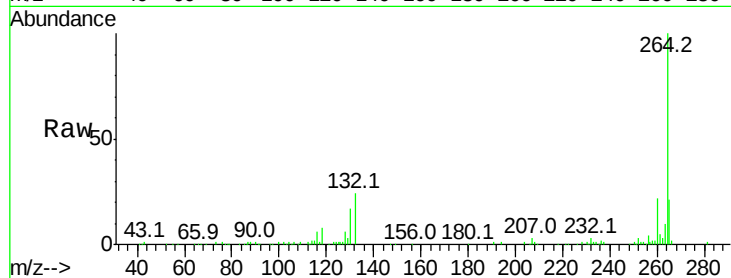
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 177393

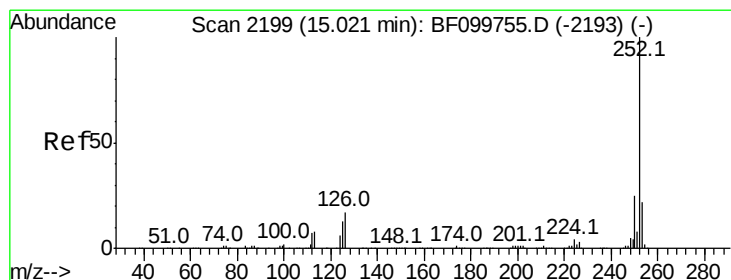
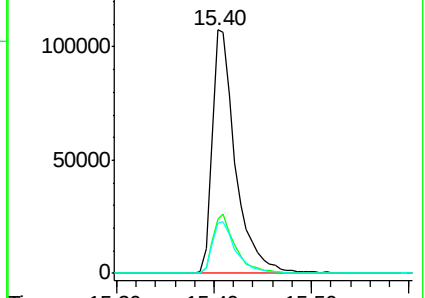
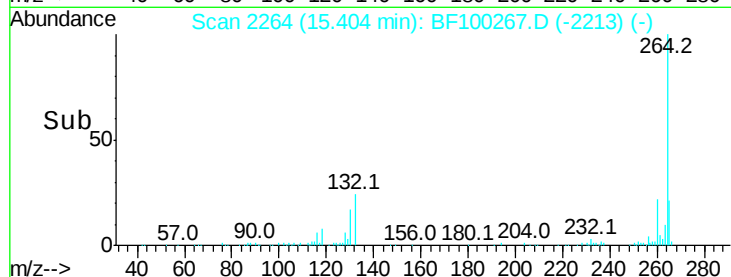
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.6	17.5	26.3



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: 38.383 ng

RT: 14.98 min Scan# 2192

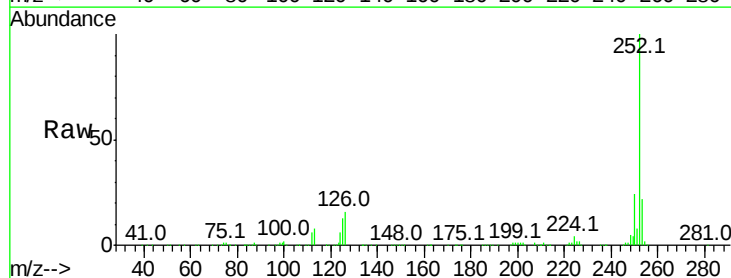
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:252 Resp: 429953

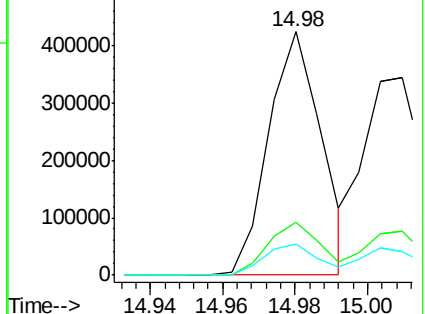
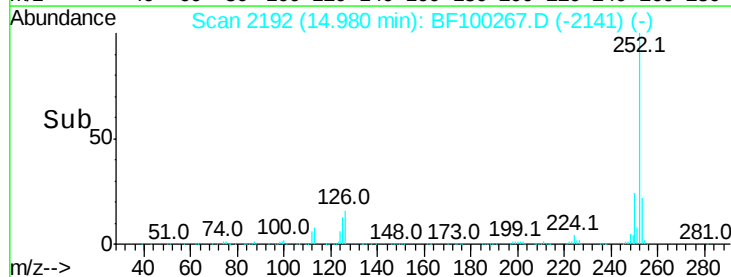
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.9	9.0	13.6

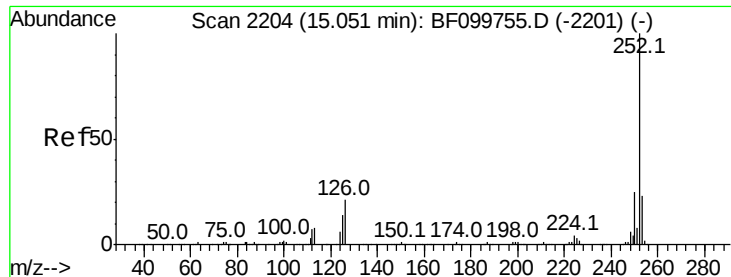


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 43.777 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

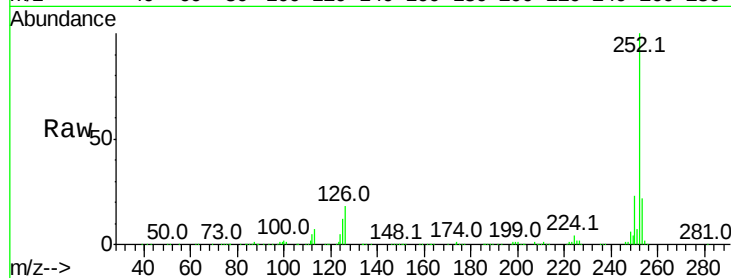
Tot Ion:252 Resp: 462397

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

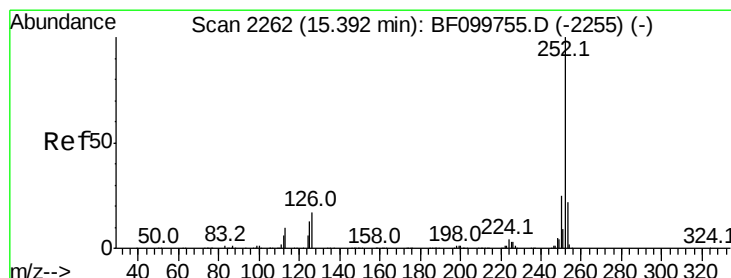
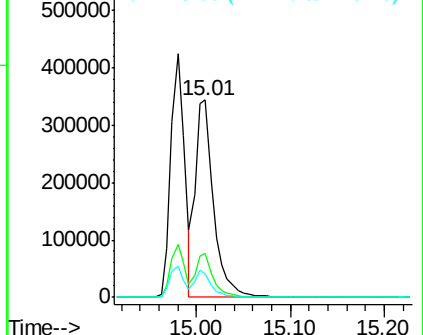
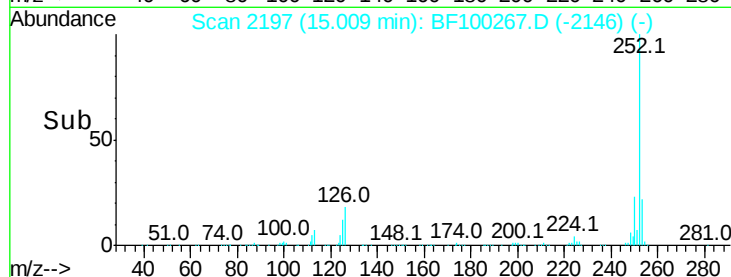
125 11.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 44.691 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

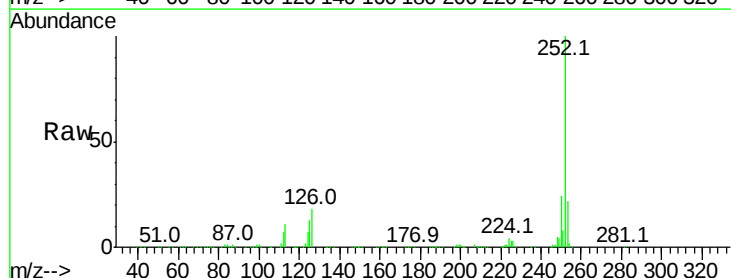
Tgt Ion:252 Resp: 449683

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

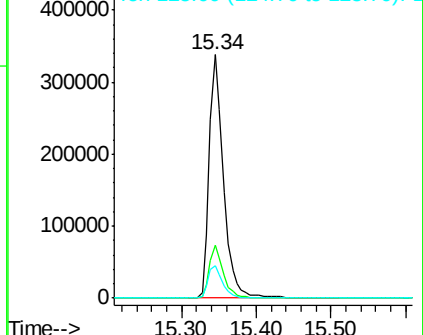
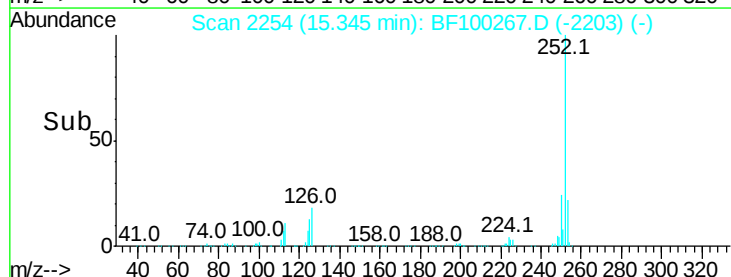
125 13.4 9.8 14.6

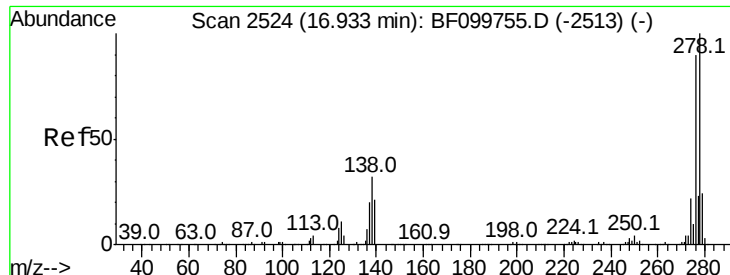


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 48.686 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

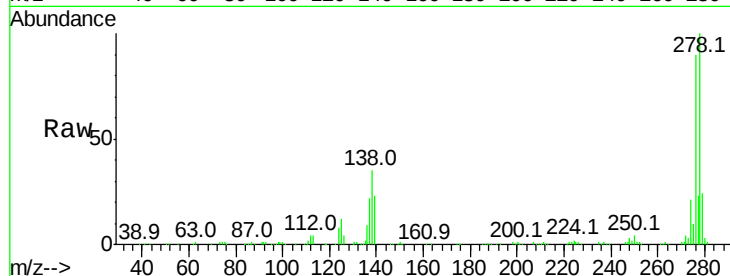
Tot Ion:278 Resp: 435292

Ion Ratio Lower Upper

278 100

139 22.6 15.9 23.9

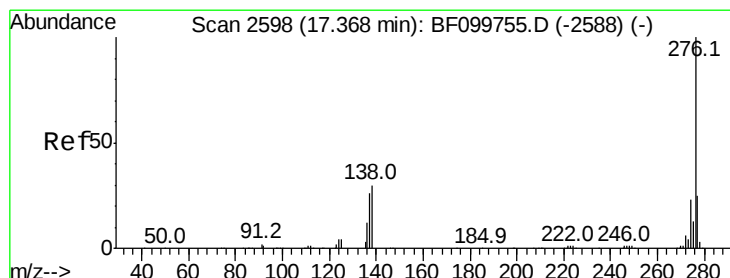
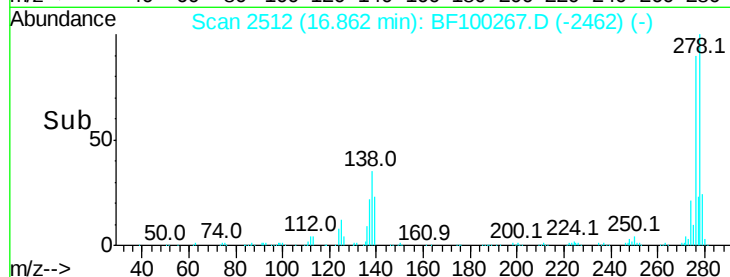
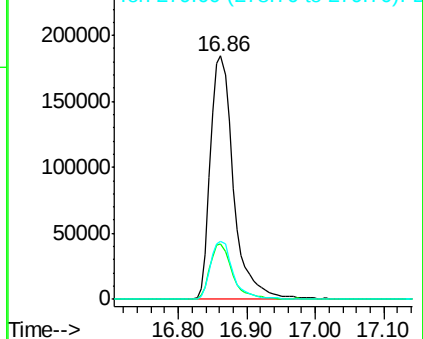
279 23.8 19.0 28.4



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(g,h,i)perylene

Concen: 51.121 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

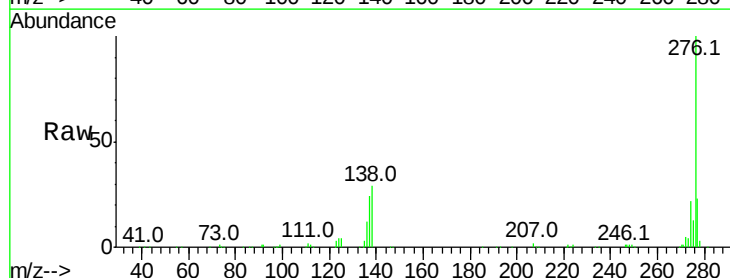
Tgt Ion:276 Resp: 447168

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.0 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

