

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099836.D
 Acq On : 26 Oct 2017 2:54
 Operator : SJ/JU
 Sample : PB103631BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:07:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	66744	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	268430	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	119969	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	215641	20.00	ng	0.00
75) Chrysene-d12	13.99	240	168155	20.00	ng	0.00
86) Perylene-d12	15.46	264	149725	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	248667	58.49	ng	0.00
7) Phenol-d6	6.43	99	294276	58.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	238735	57.26	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	62366	57.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	511885	65.83	ng	0.00
78) Terphenyl-d14	12.92	244	477145	62.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	49966	26.615	ng	# 90
3) Pyridine	3.33	79	110108	24.389	ng	86
4) n-Nitrosodimethylamine	3.26	42	41174	25.529	ng	# 74
6) Aniline	6.46	93	91681	14.027	ng	# 89
8) 2-Chlorophenol	6.58	128	137025	30.242	ng	93
9) Benzaldehyde	6.35	77	68861	22.860	ng	91
10) Phenol	6.45	94	161538	29.187	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	121093	28.333	ng	93
12) 1,3-Dichlorobenzene	6.81	146	149919	29.468	ng	95
13) 1,4-Dichlorobenzene	6.81	146	149919	29.035	ng	97
14) 1,2-Dichlorobenzene	6.96	146	140190	29.791	ng	97
15) Benzyl Alcohol	6.95	79	97621	30.451	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	157621	33.200	ng	76
17) 2-Methylphenol	7.06	107	107605	28.392	ng	97
18) Hexachloroethane	7.30	117	45837	26.609	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	84851	28.724	ng	91
20) 3+4-Methylphenols	7.22	107	142617	32.317	ng	91
22) Acetophenone	7.20	105	179891	29.433	ng	# 94
24) Nitrobenzene	7.38	77	124267	29.580	ng	92
25) Isophorone	7.62	82	229525	30.337	ng	98
26) 2-Nitrophenol	7.70	139	68934	28.649	ng	# 85
27) 2,4-Dimethylphenol	7.73	122	120426	33.968	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	155422	29.333	ng	98
29) 2,4-Dichlorophenol	7.95	162	110278	29.943	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	116797	29.681	ng	99
31) Naphthalene	8.10	128	387493	29.905	ng	99
32) Benzoic acid	7.87	122	37742	12.094	ng	91
33) 4-Chloroaniline	8.16	127	80189	14.987	ng	95
34) Hexachlorobutadiene	8.21	225	57359	28.338	ng	98
35) Caprolactam	8.53	113	34562	29.841	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	110151	29.303	ng	98
37) 2-Methylnaphthalene	8.79	142	263508	30.347	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	109755	28.326	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	4533	16.787	ng	93

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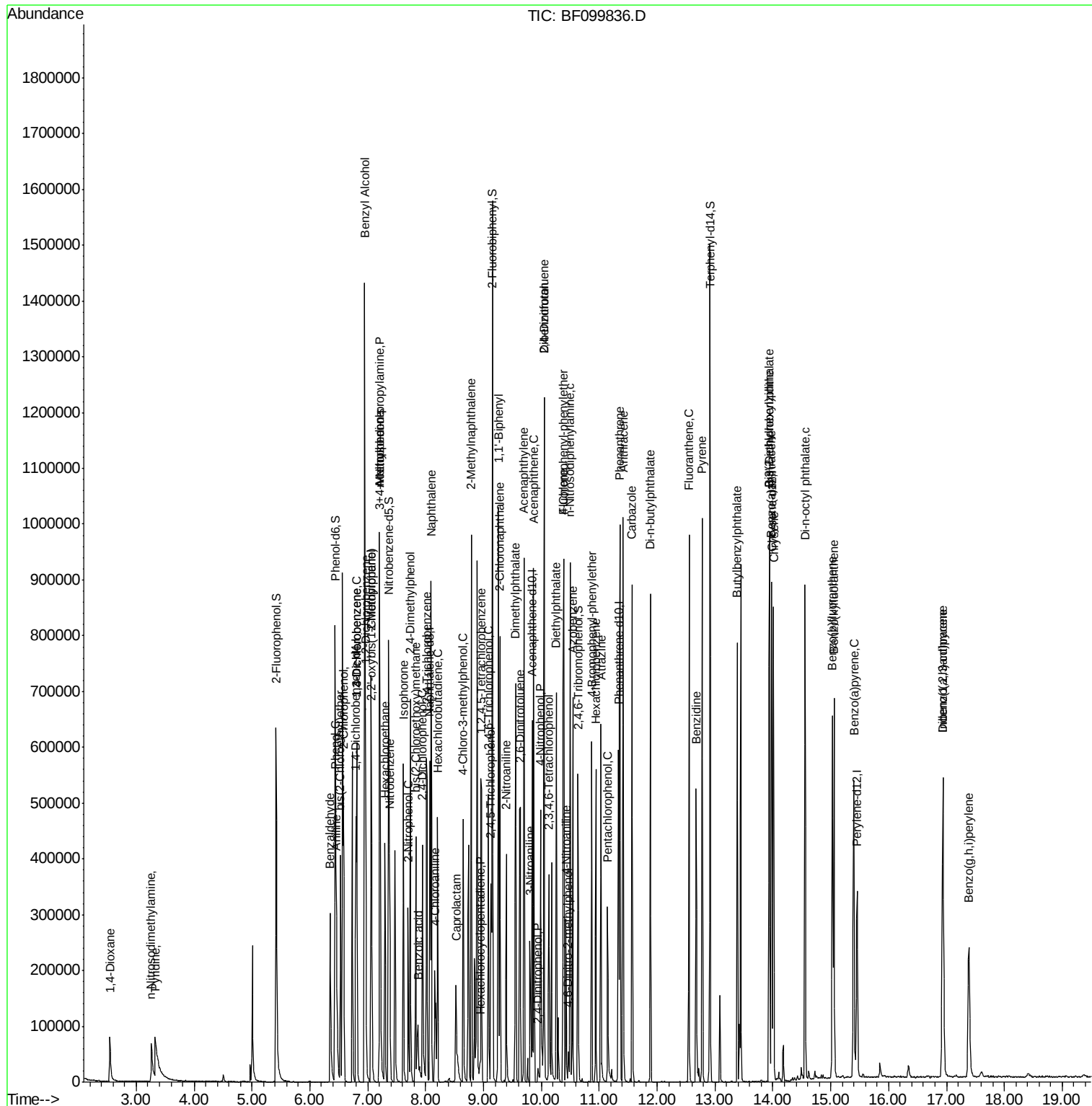
Instrument :
 BNA_F
 ClientSampleId :

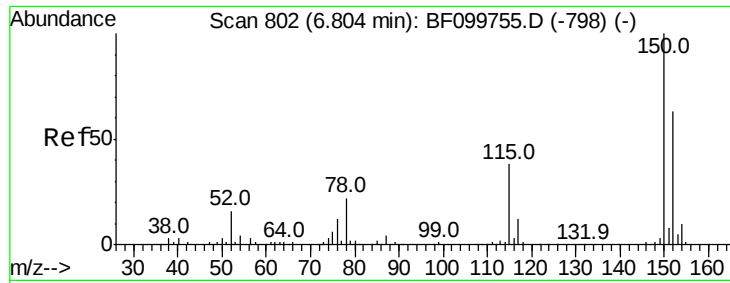
Quant Time: Oct 26 04:07:56 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70744	30.184	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	75015	30.161	ng	93
45) 1,1'-Biphenyl	9.26	154	311400	28.693	ng	98
46) 2-Chloronaphthalene	9.29	162	239733	30.416	ng	95
47) 2-Nitroaniline	9.39	65	61563	29.760	ng	90
48) Acenaphthylene	9.70	152	361734	29.798	ng	99
49) Dimethylphthalate	9.56	163	275205	28.967	ng	100
50) 2,6-Dinitrotoluene	9.63	165	60060	30.072	ng	# 81
51) Acenaphthene	9.87	154	213257	28.750	ng	99
52) 3-Nitroaniline	9.80	138	49805	21.164	ng	97
53) 2,4-Dinitrophenol	9.94	184	8054	15.239	ng	94
54) Dibenzofuran	10.05	168	317115	30.287	ng	99
55) 4-Nitrophenol	9.99	139	65239	53.056	ng	90
56) 2,4-Dinitrotoluene	10.05	165	74233	30.863	ng	96
57) Fluorene	10.39	166	257445	29.697	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	45506	26.096	ng	88
59) Diethylphthalate	10.26	149	267917	28.877	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	116886	28.649	ng	88
61) 4-Nitroaniline	10.43	138	57960	25.815	ng	81
62) Azobenzene	10.54	77	226438	29.115	ng	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	10783	7.955	ng	86
65) n-Nitrosodiphenylamine	10.50	169	226445	28.447	ng	97
66) 4-Bromophenyl-phenylether	10.87	248	67622	29.787	ng	90
67) Hexachlorobenzene	10.94	284	66143	28.479	ng	96
68) Atrazine	11.03	200	70578	29.516	ng	99
69) Pentachlorophenol	11.15	266	44430	44.770	ng	95
70) Phenanthrene	11.36	178	362530	29.790	ng	98
71) Anthracene	11.41	178	372786	30.178	ng	99
72) Carbazole	11.57	167	348566	30.006	ng	99
73) Di-n-butylphthalate	11.89	149	429460	28.985	ng	# 98
74) Fluoranthene	12.55	202	369975	29.254	ng	98
76) Benzidine	12.67	184	205674	27.952	ng	97
77) Pyrene	12.78	202	381692	29.851	ng	99
79) Butylbenzylphthalate	13.39	149	180530	28.672	ng	93
80) Benzo(a)anthracene	13.97	228	313363	29.396	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	100680	26.019	ng	99
82) Chrysene	14.01	228	303543	30.289	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	260523	29.464	ng	98
84) Di-n-octyl phthalate	14.56	149	440481	29.024	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	241376	26.236	ng	97
87) Benzo(b)fluoranthene	15.03	252	278891	29.498	ng	98
88) Benzo(k)fluoranthene	15.06	252	288939	32.410	ng	99
89) Benzo(a)pyrene	15.40	252	266612	31.393	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	206333	27.342	ng	96
91) Benzo(g,h,i)perylene	17.39	276	189999	25.735	ng	97

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

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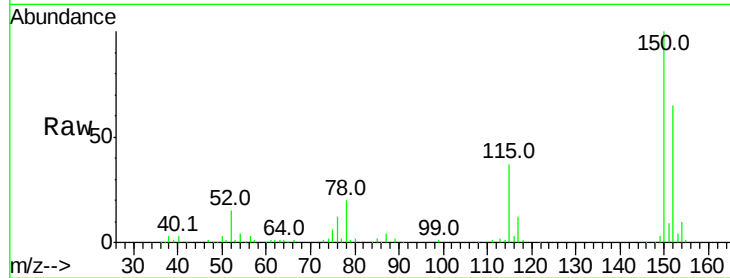


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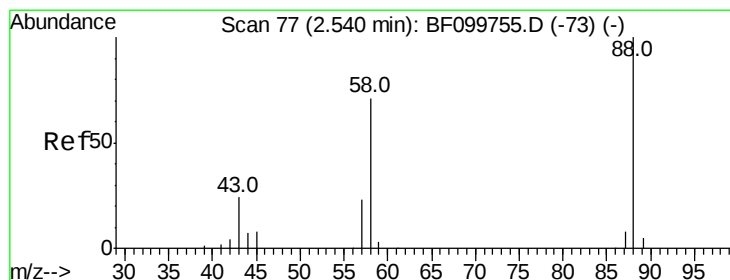
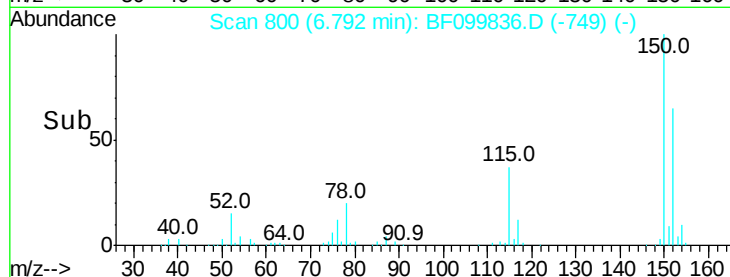
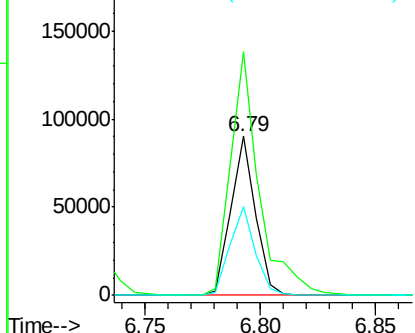
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 66744
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 56.2 50.1 75.1



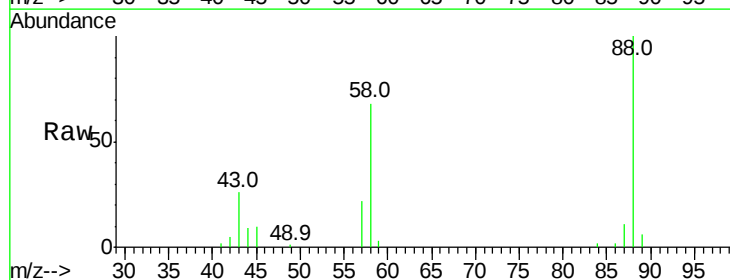
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



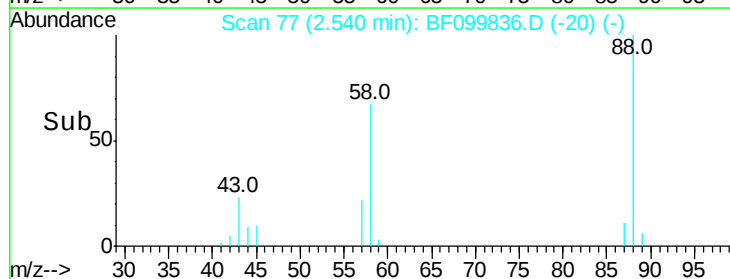
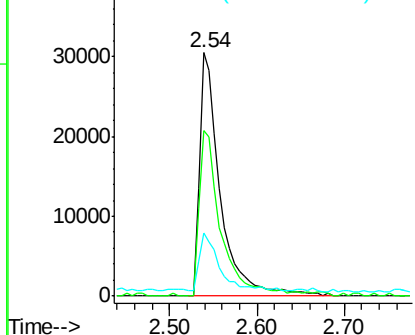
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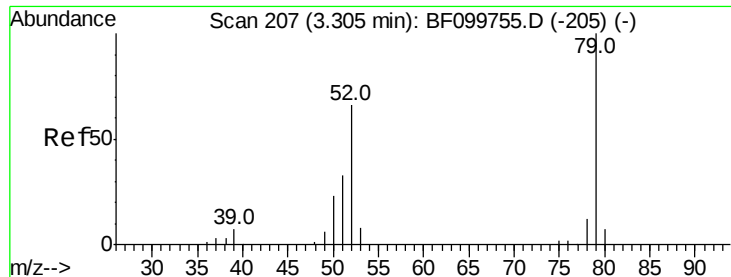
1,4-Dioxane
 Concen: 26.615 ng
 RT: 2.54 min Scan# 77
 Delta R.T. 0.04 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion: 88 Resp: 49966
 Ion Ratio Lower Upper
 88 100
 58 72.1 62.6 93.8
 43 22.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.389 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.05 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

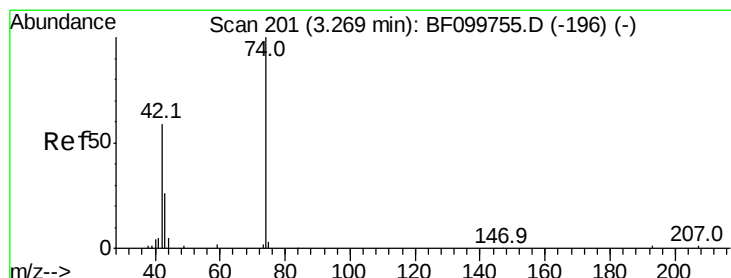
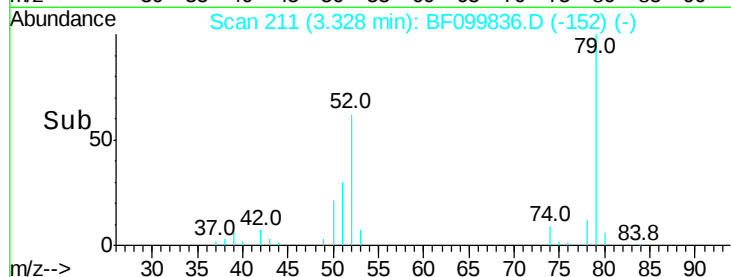
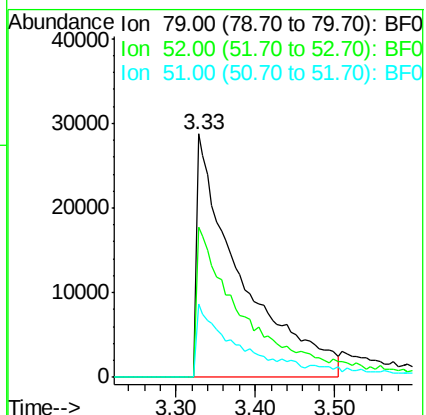
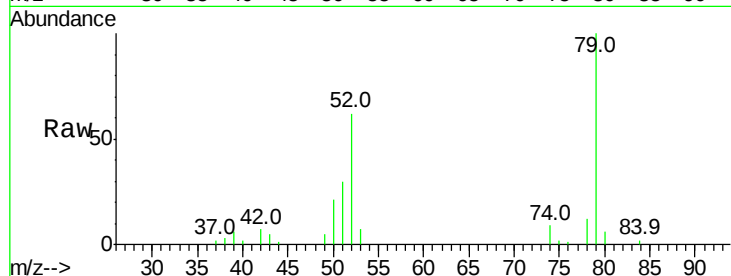
Tot Ion: 79 Resp: 110108

Ion Ratio Lower Upper

79 100

52 61.7 59.8 89.6

51 30.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 25.529 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

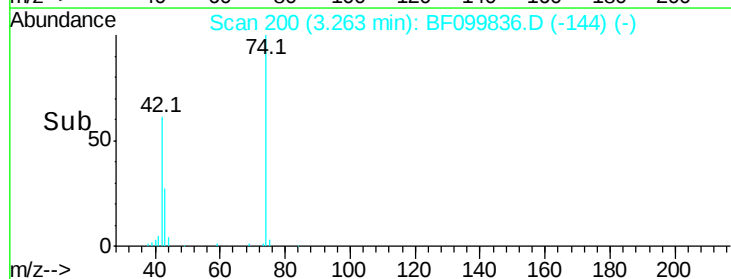
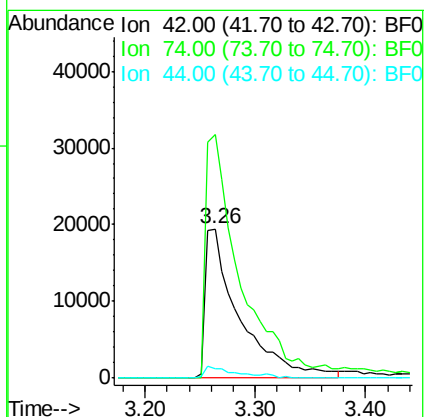
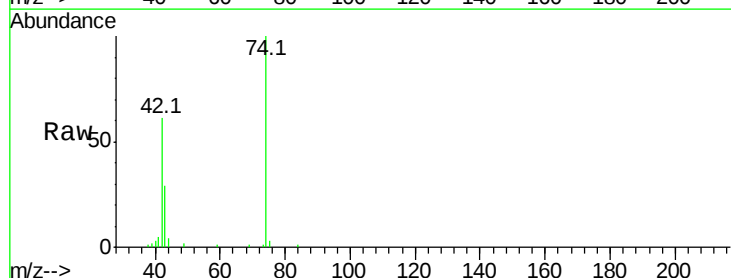
Tgt Ion: 42 Resp: 41174

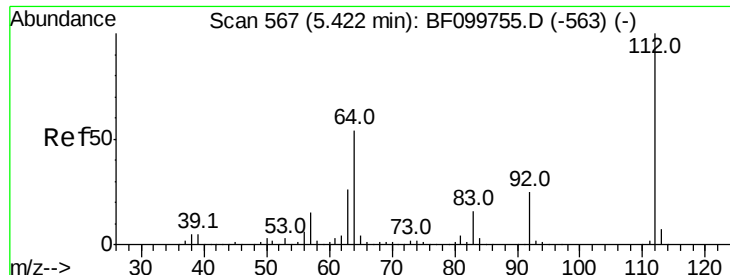
Ion Ratio Lower Upper

42 100

74 162.8 104.9 157.3#

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 58.492 ng

RT: 5.42 min Scan# 566

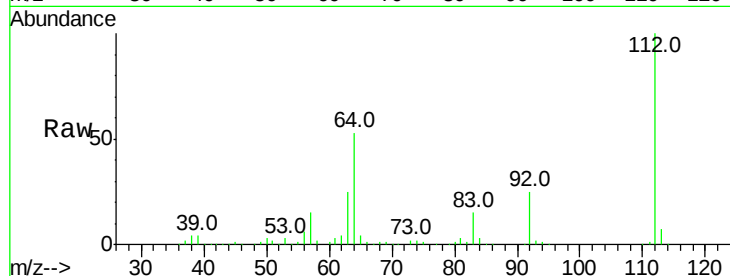
Delta R.T. 0.01 min

Lab File: BF099836.D

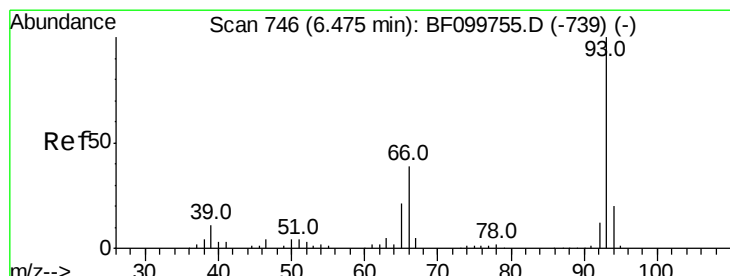
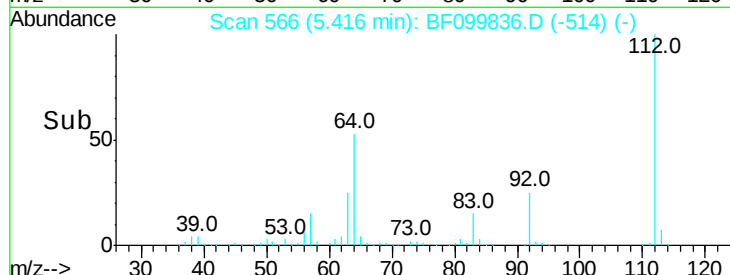
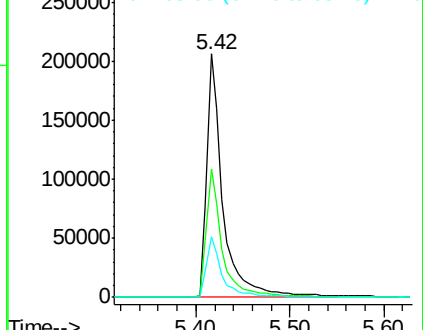
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	248667
Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	24.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 14.027 ng

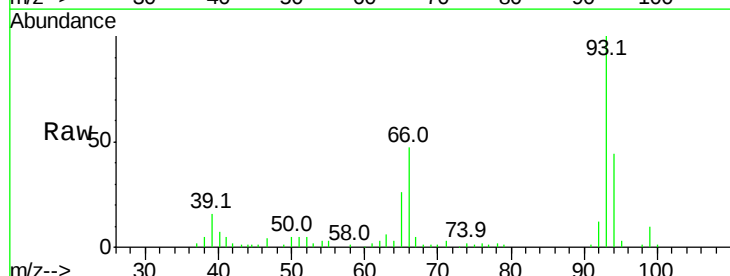
RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

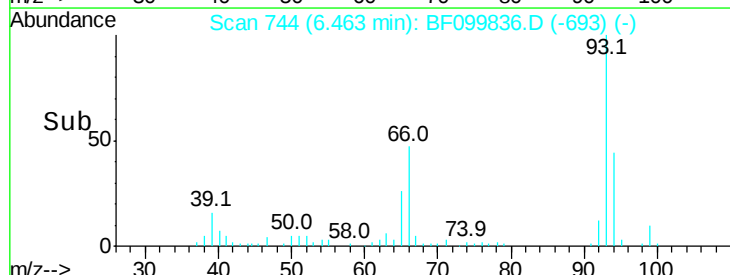
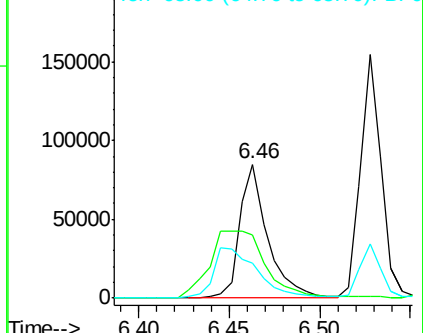
Lab File: BF099836.D

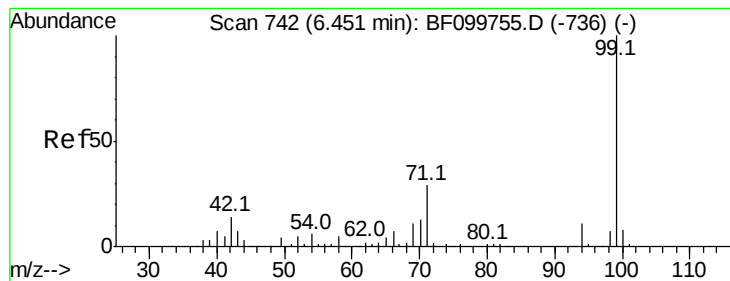
Acq: 26 Oct 2017 2:54

Tgt Ion:	93	Resp:	91681
Ion	Ratio	Lower	Upper
93	100		
66	47.0	32.2	48.2
65	25.9	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 58.378 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

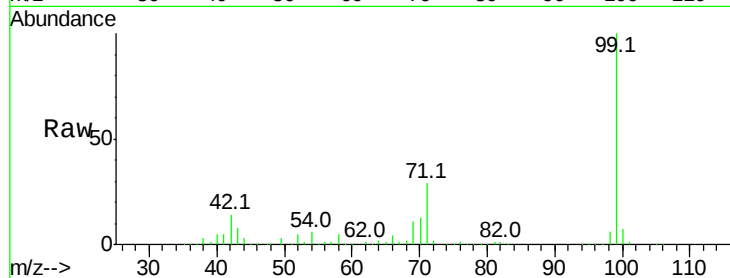
Tot Ion: 99 Resp: 294276

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

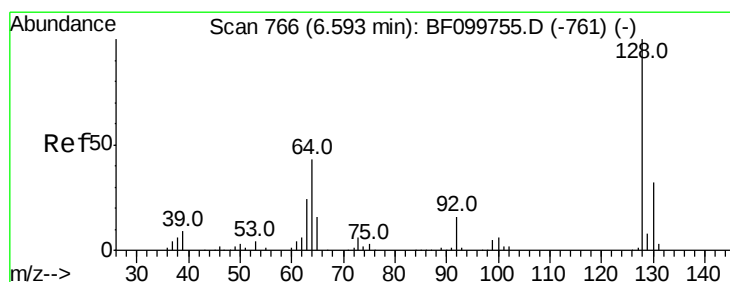
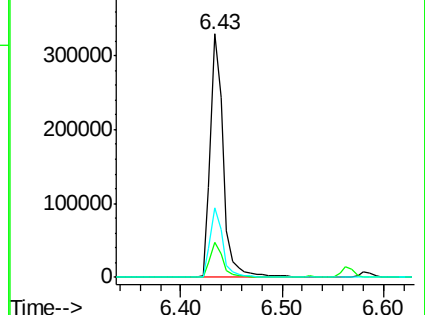
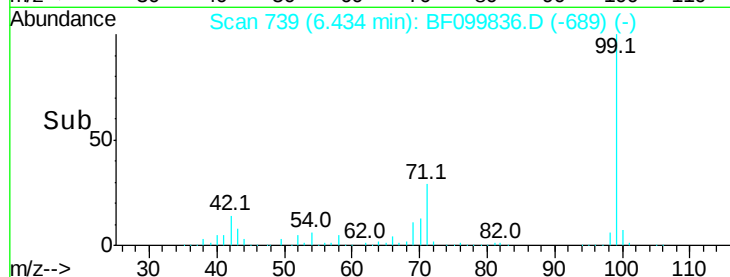
71 28.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.242 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

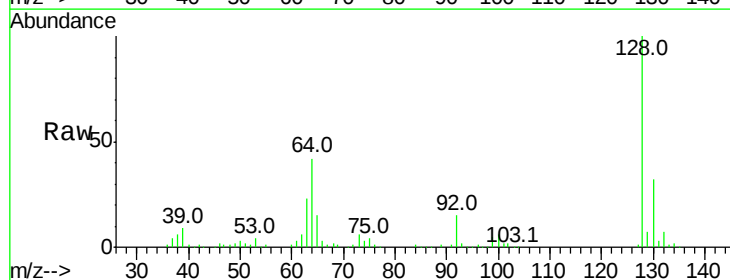
Tgt Ion: 128 Resp: 137025

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

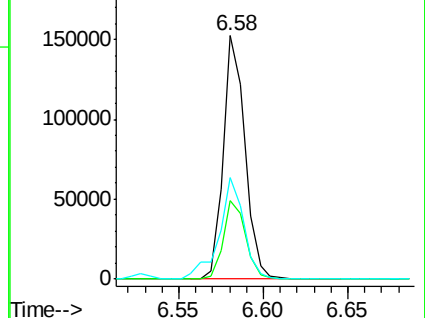
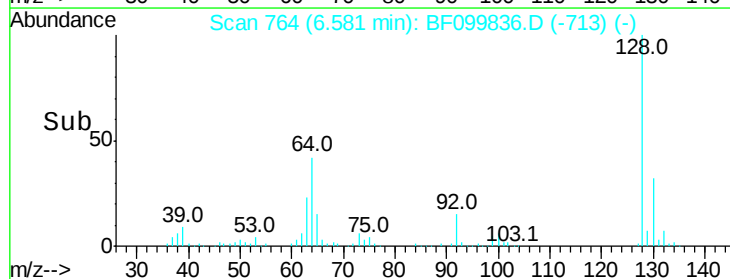
64 41.8 29.4 69.4

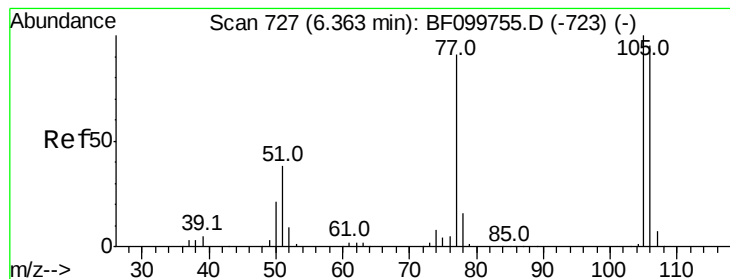


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.860 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

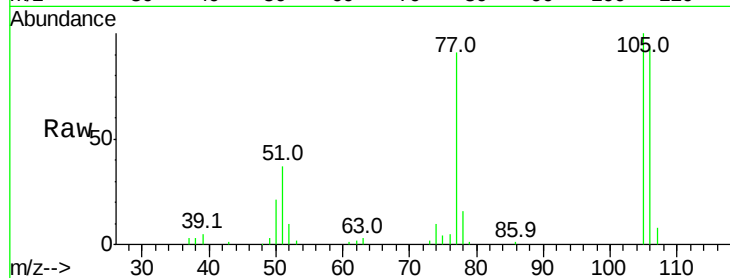
Tot Ion: 77 Resp: 68861

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

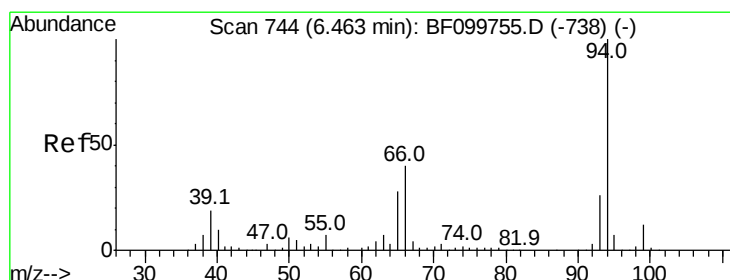
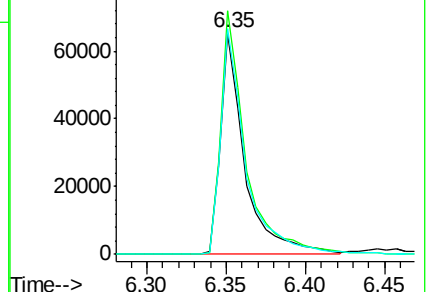
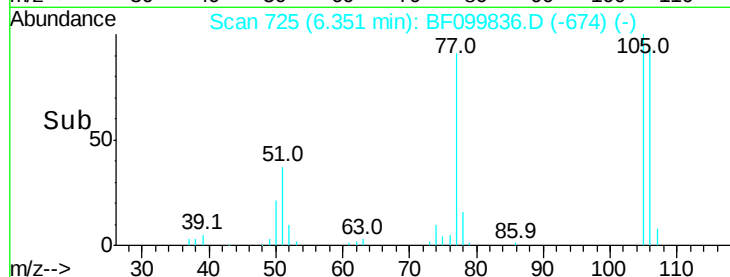
106 102.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.187 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

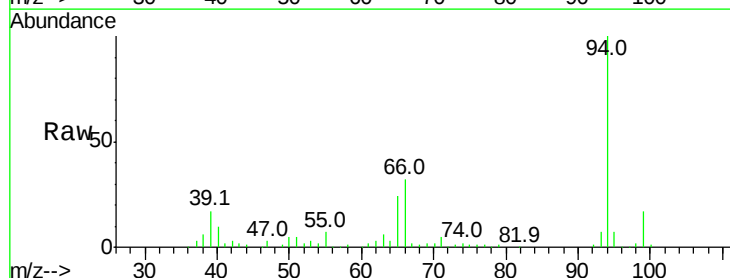
Tgt Ion: 94 Resp: 161538

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

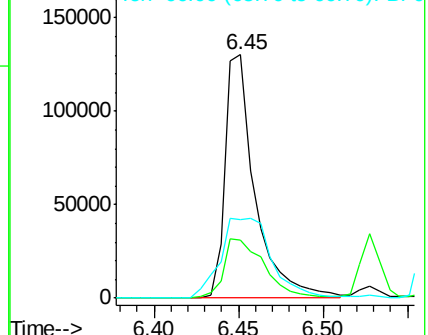
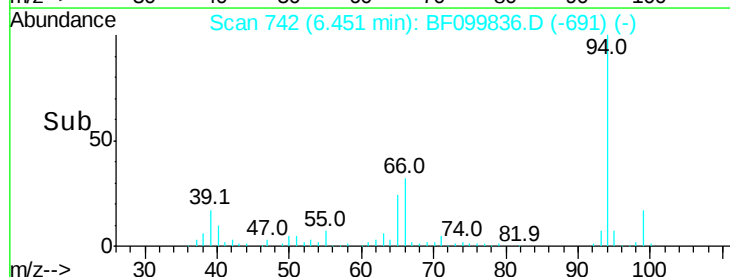
66 32.4 16.2 56.2

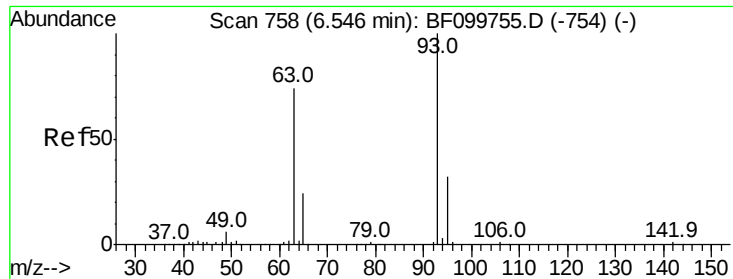


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

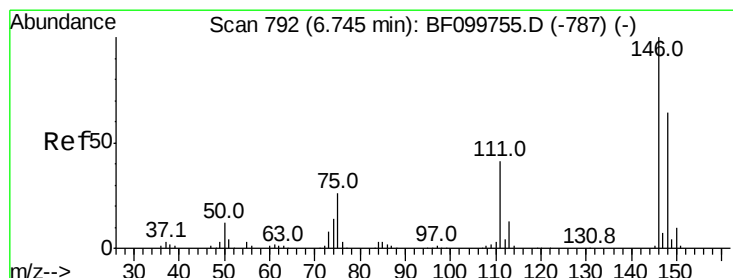
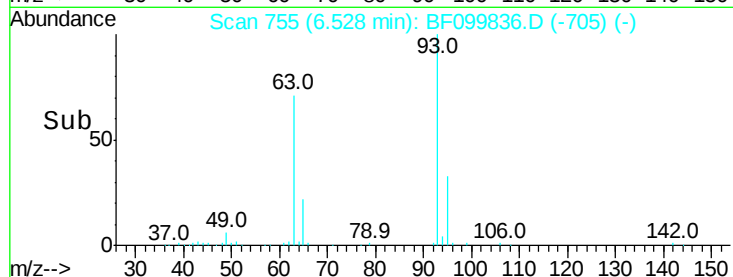
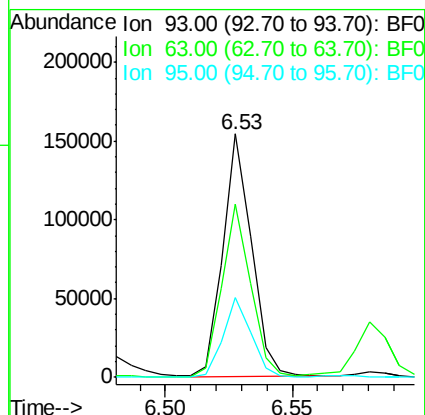
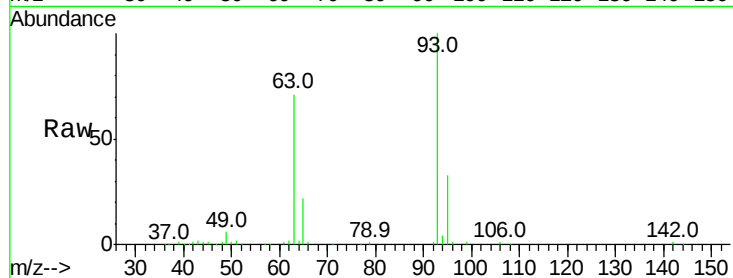




#11
 bis(2-Chloroethyl)ether
 Concen: 28.333 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

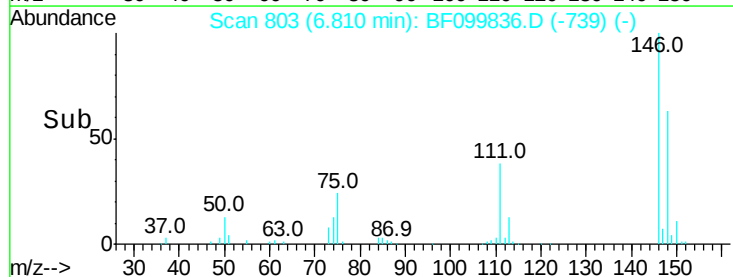
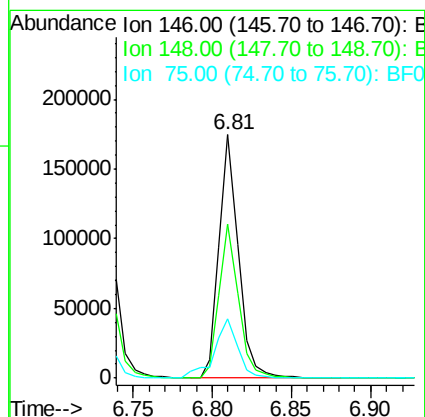
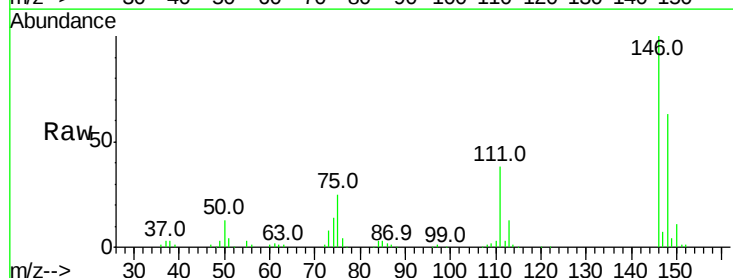
Instrument :
 BNA_F
 ClientSampleId :

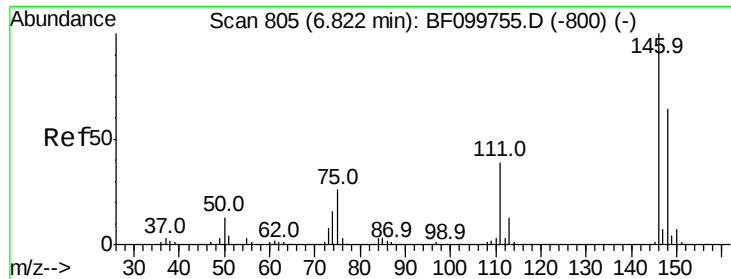
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	58.6	98.6
95	32.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 29.468 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.08 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	24.6	24.2	36.4

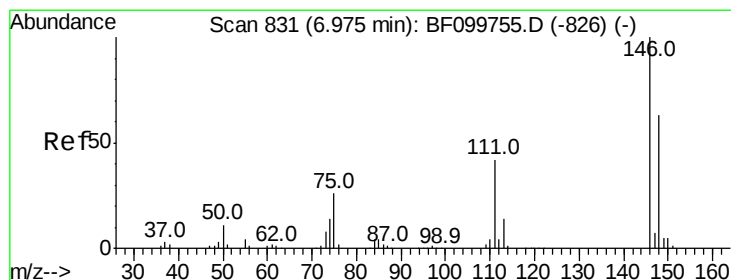
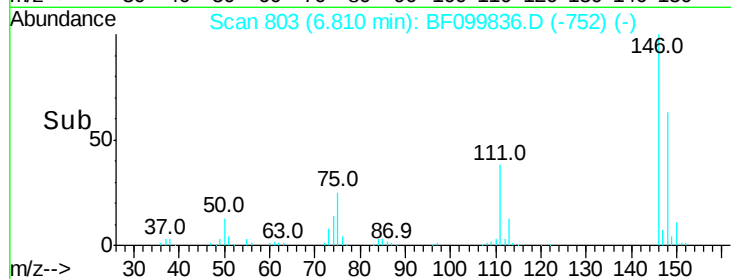
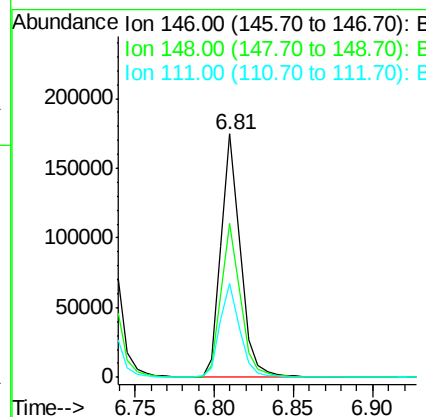
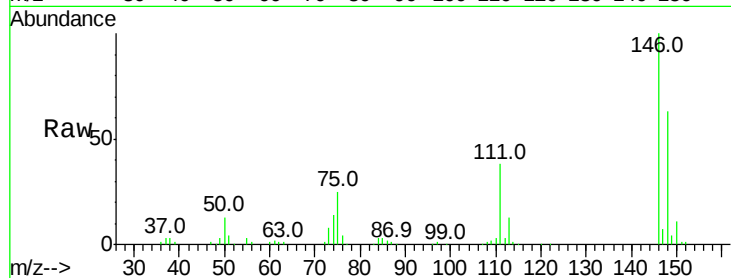




#13
 1,4-Dichlorobenzene
 Concen: 29.035 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

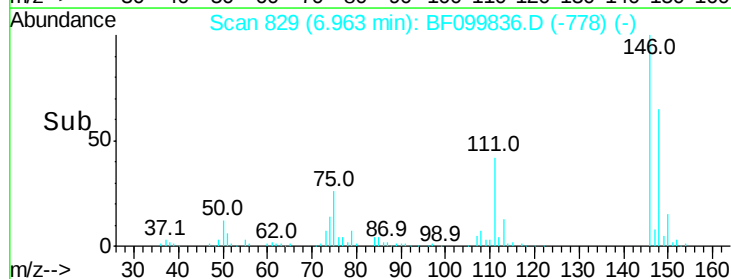
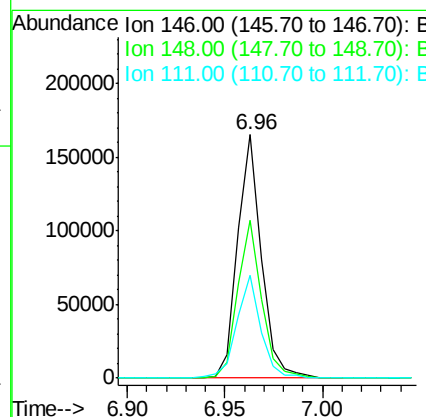
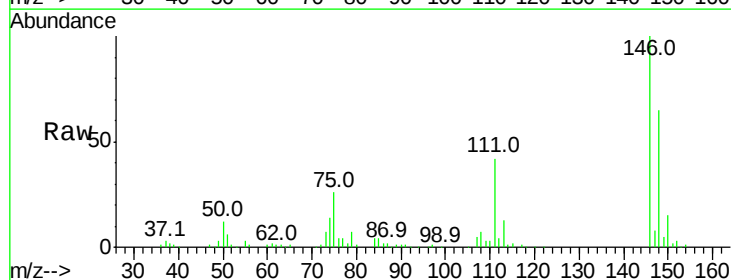
Instrument :
 BNA_F
 ClientSampleId :

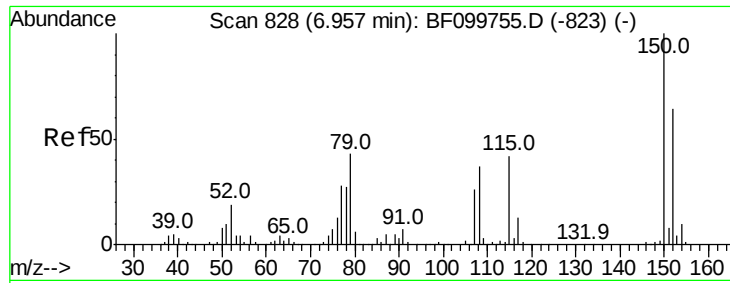
Tot Ion:146 Resp: 149919
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 38.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 29.791 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:146 Resp: 140190
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 42.5 36.0 54.0

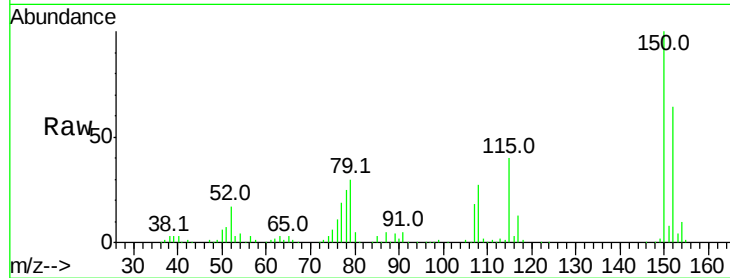




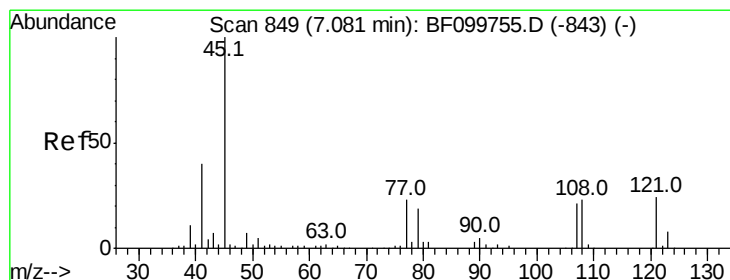
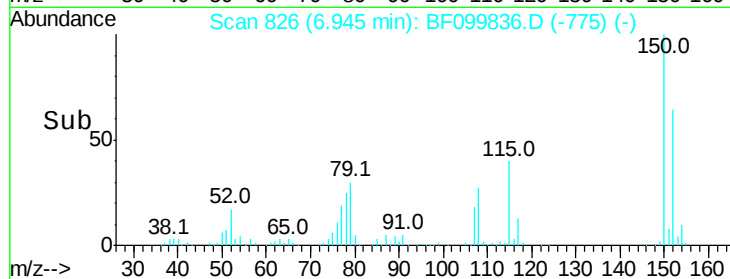
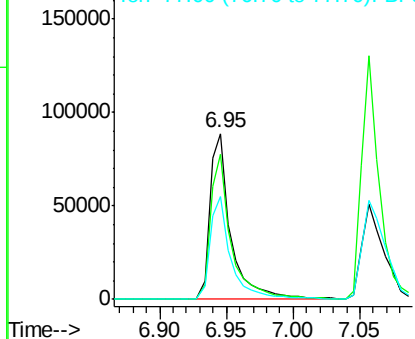
#15
Benzyl Alcohol
Concen: 30.451 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 97621
Ion Ratio Lower Upper
79 100
108 87.1 65.1 97.7
77 62.1 50.6 75.8

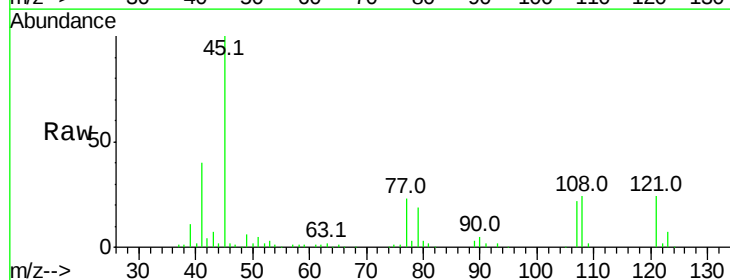


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

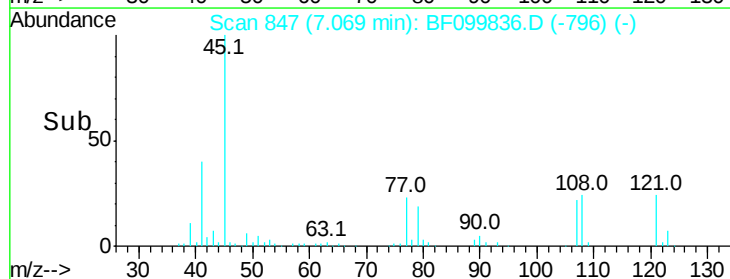
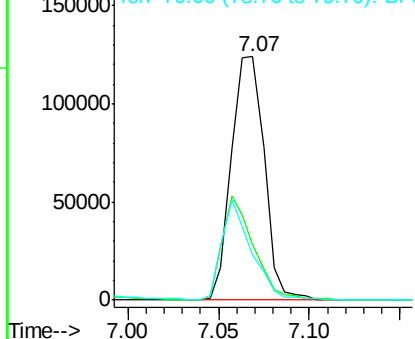


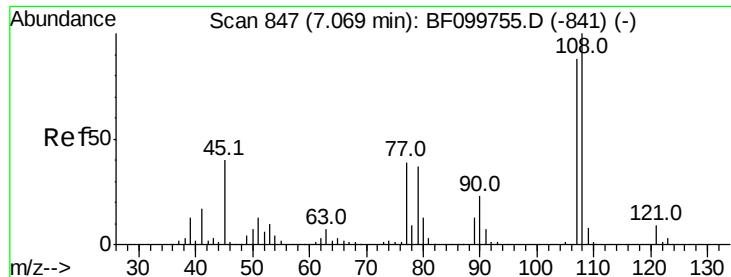
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.200 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion: 45 Resp: 157621
Ion Ratio Lower Upper
45 100
77 22.5 0.0 32.9
79 18.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 28.392 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 107605

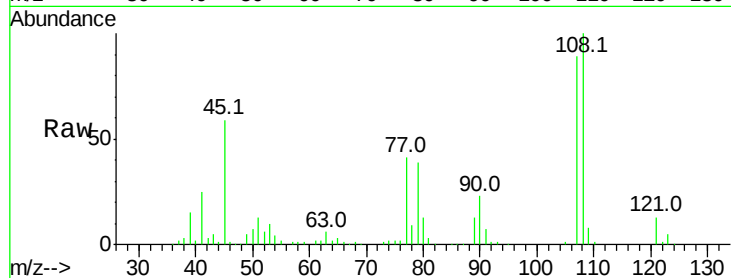
Ion Ratio Lower Upper

107 100

108 111.8 91.7 137.5

77 45.3 33.8 50.8

79 44.0 33.8 50.8

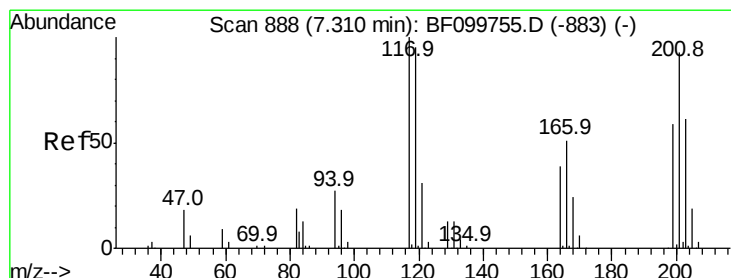
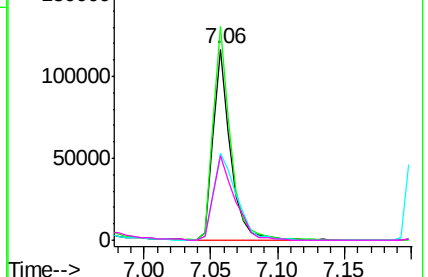
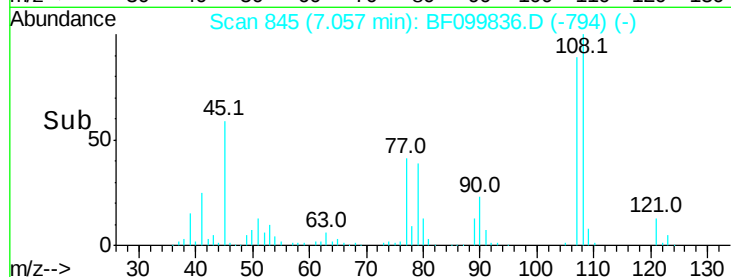


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 26.609 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

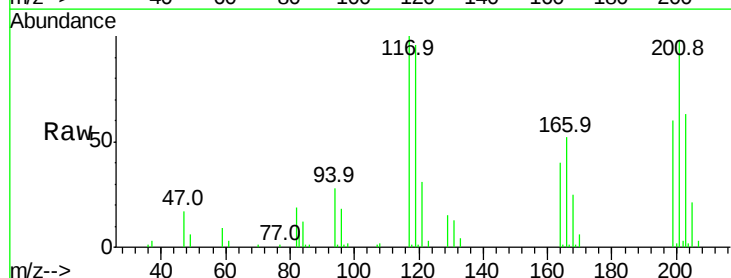
Tgt Ion:117 Resp: 45837

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

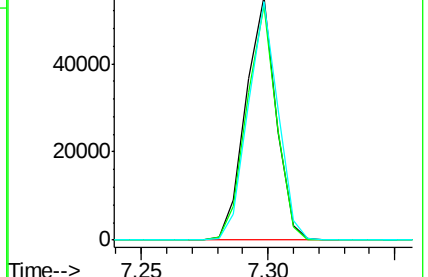
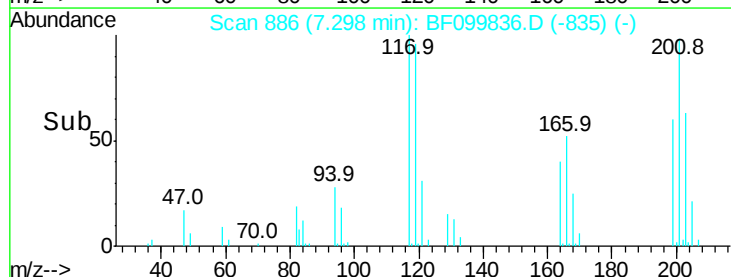
201 98.2 75.7 113.5

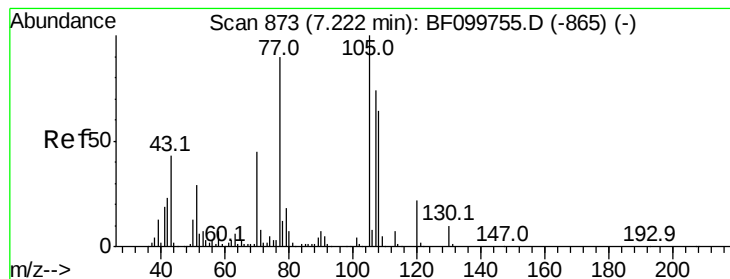


Abundance Ion 117.00 (116.70 to 117.70): E

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: 28.724 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 84851

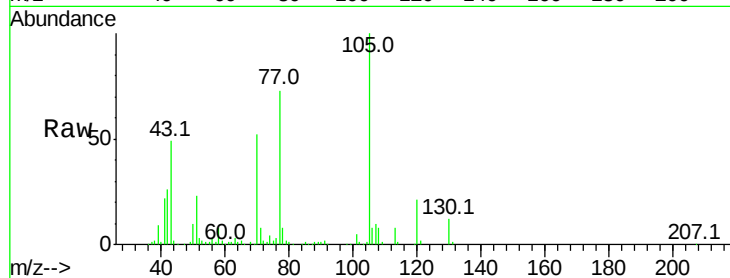
Ion Ratio Lower Upper

70 100

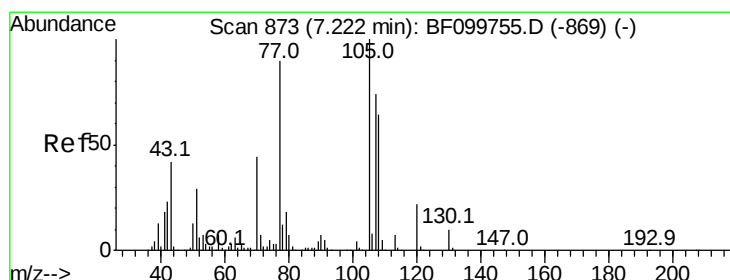
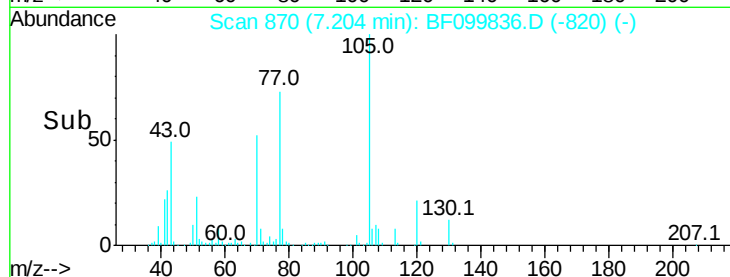
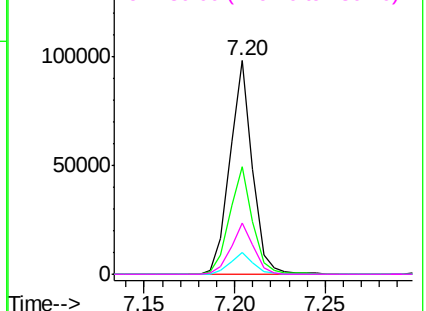
42 50.6 47.5 71.3

101 9.9 7.4 11.2

130 23.8 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 32.317 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion: 107 Resp: 142617

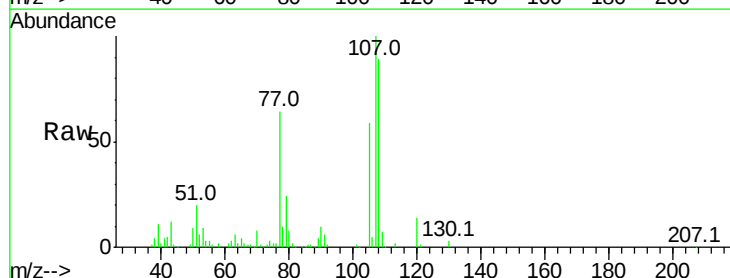
Ion Ratio Lower Upper

107 100

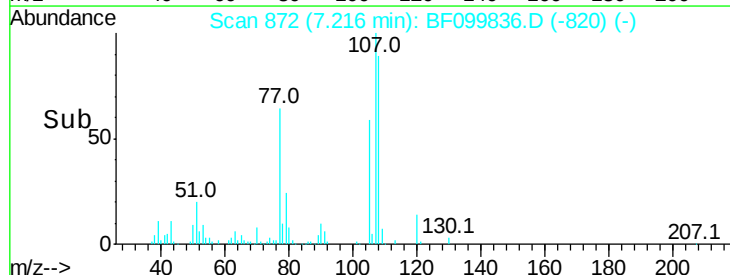
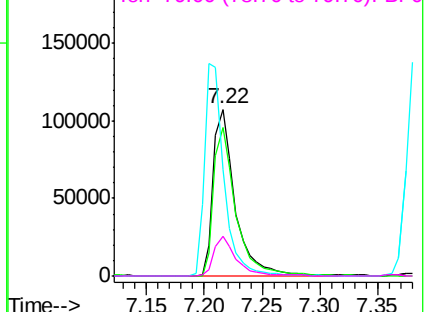
108 89.4 68.2 108.2

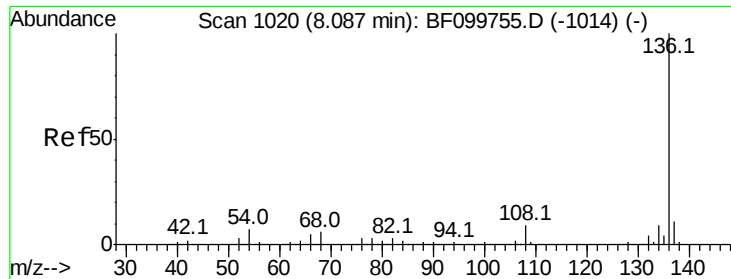
77 63.5 26.7 66.7

79 23.8 6.3 46.3



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): BF0
Ion 79.00 (78.70 to 79.70): BF0

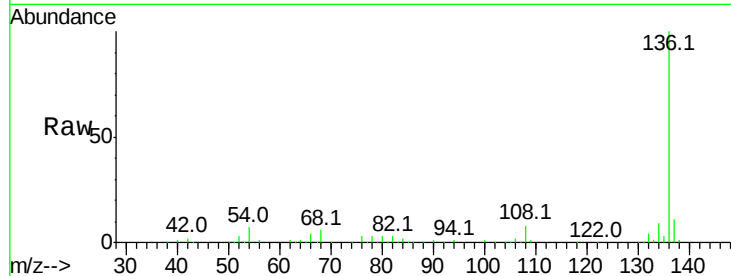




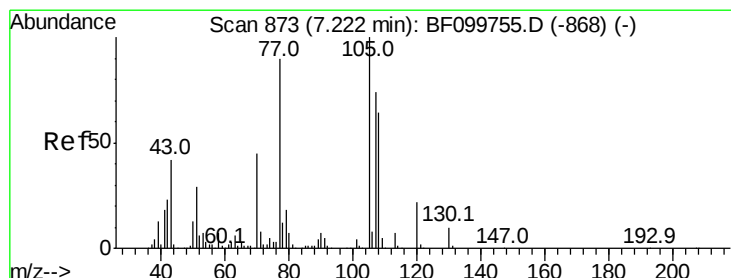
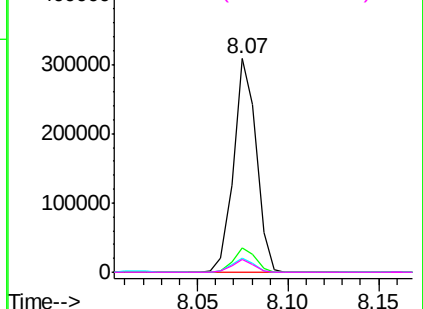
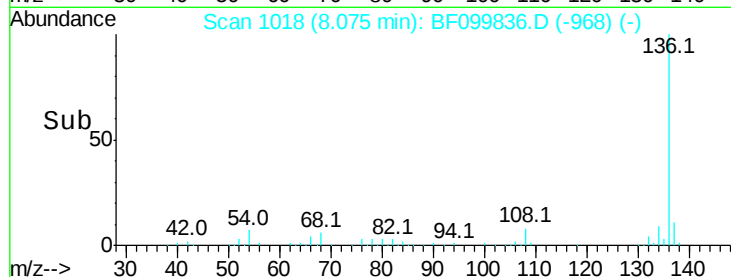
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	268430
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	6.8	6.6 9.8
68	5.9	5.0 7.4

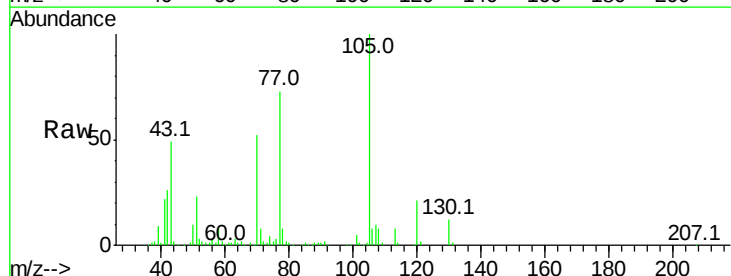


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

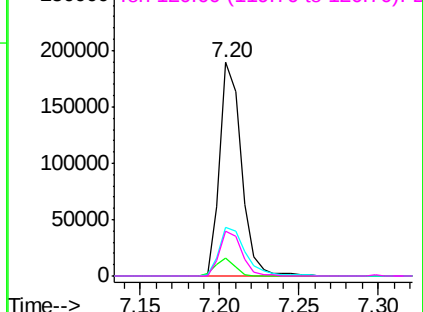
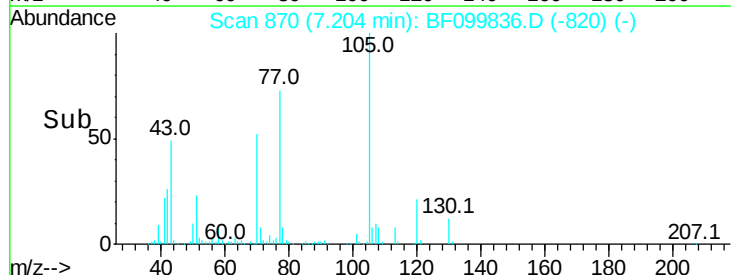


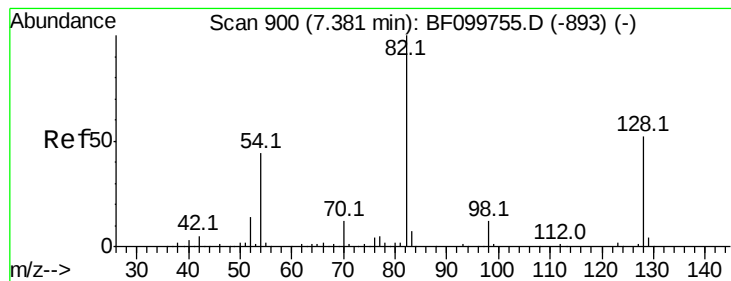
#22
Acetophenone
Concen: 29.433 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:105	Resp:	179891
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	22.7	22.3 33.5
120	21.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 57.258 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

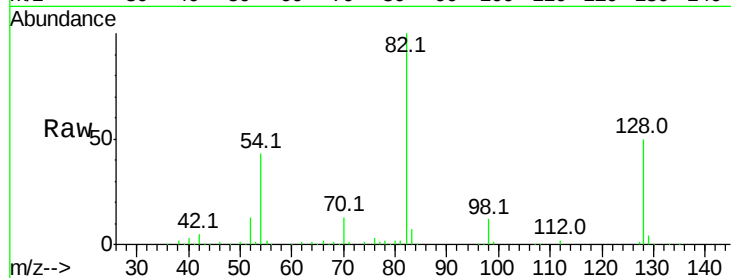
Tot Ion: 82 Resp: 238735

Ion Ratio Lower Upper

82 100

128 49.7 36.1 54.1

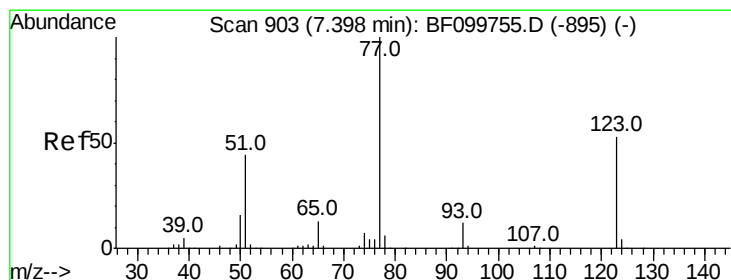
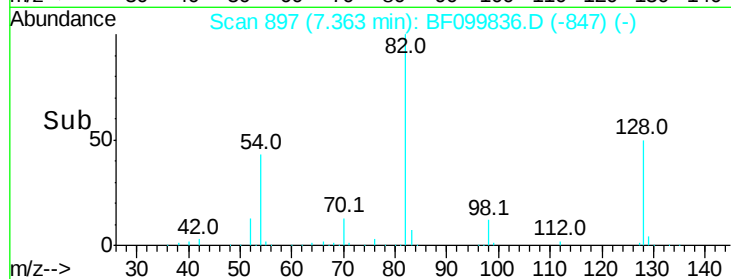
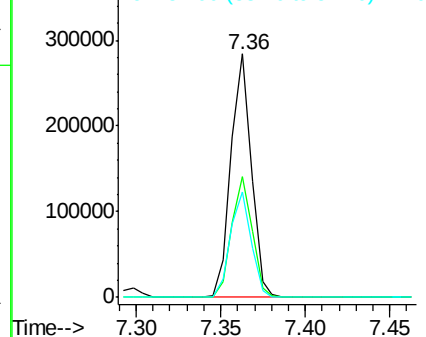
54 43.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 29.580 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

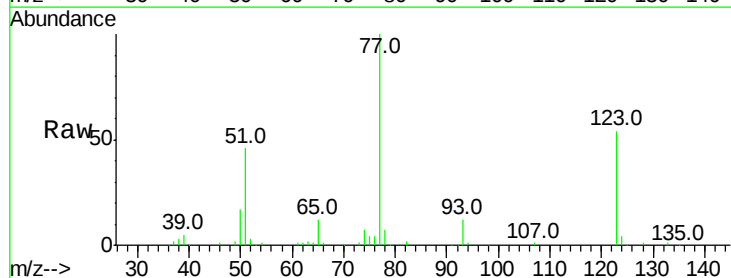
Tgt Ion: 77 Resp: 124267

Ion Ratio Lower Upper

77 100

123 53.8 37.9 56.9

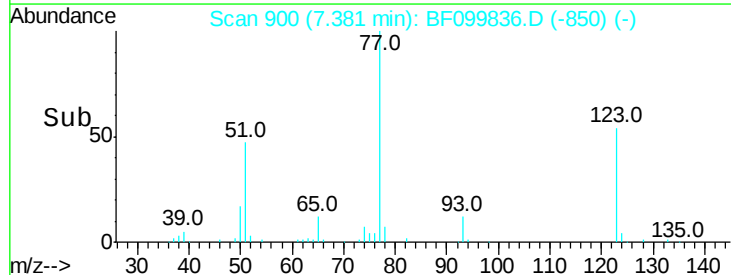
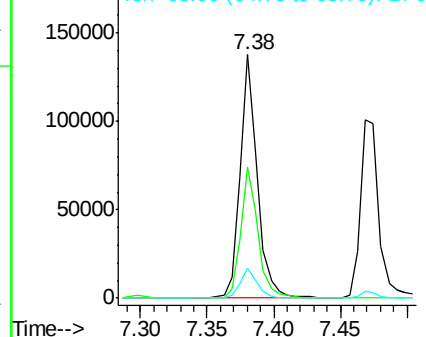
65 12.3 11.0 16.4

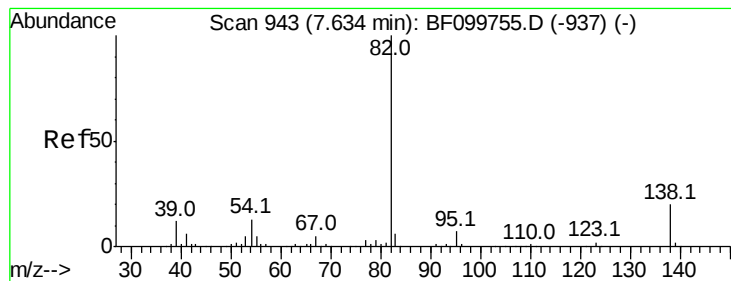


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.337 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

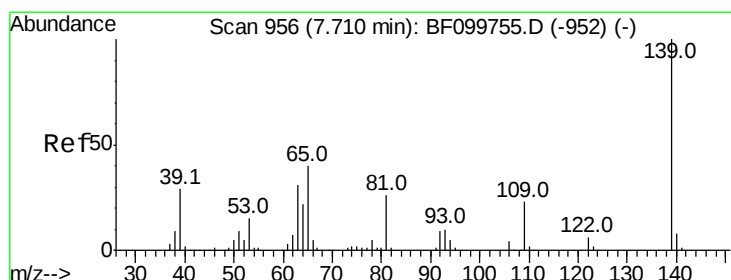
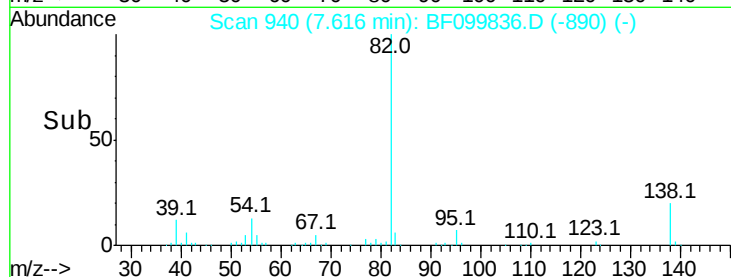
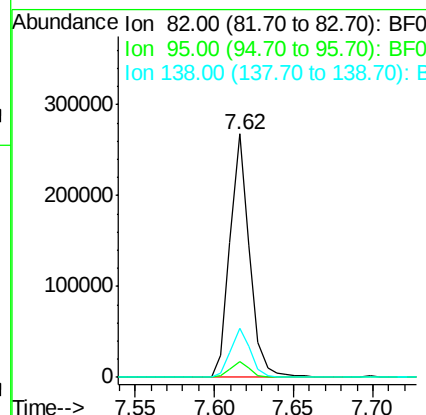
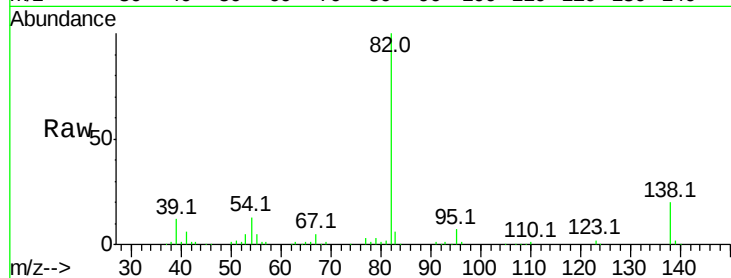
Tot Ion: 82 Resp: 229525

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 28.649 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

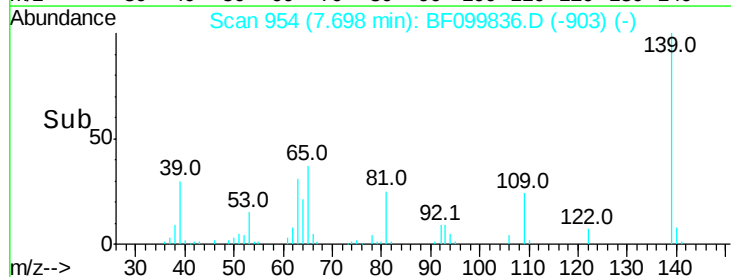
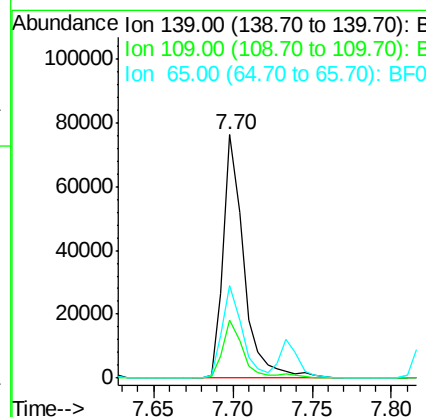
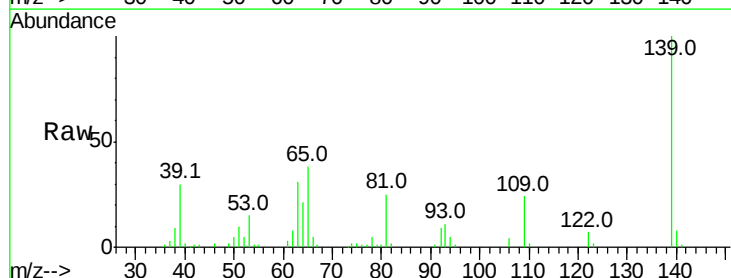
Tgt Ion: 139 Resp: 68934

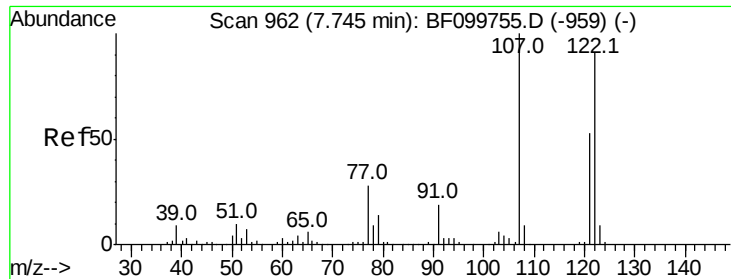
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 38.2 40.5 60.7#

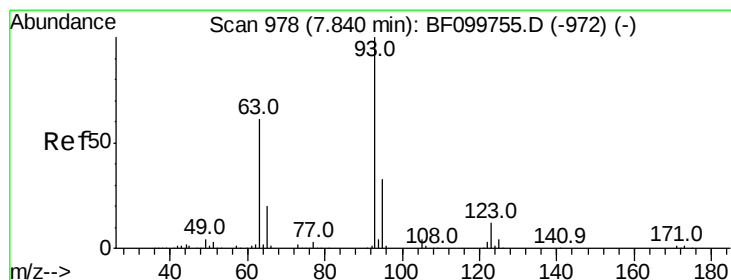
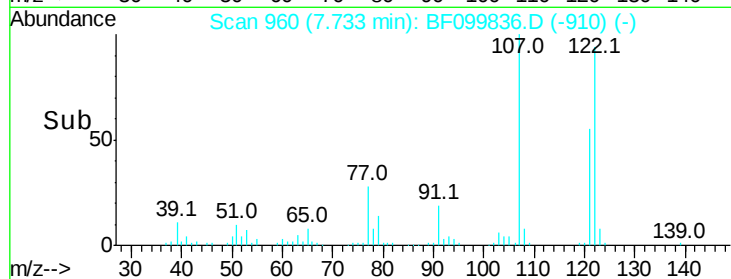
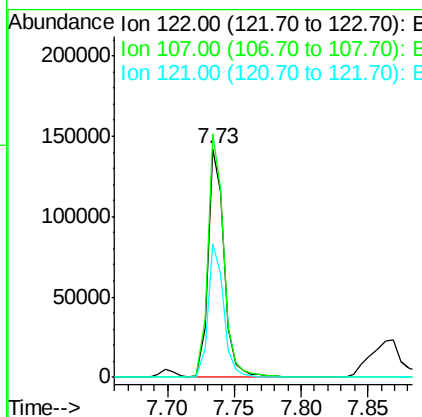
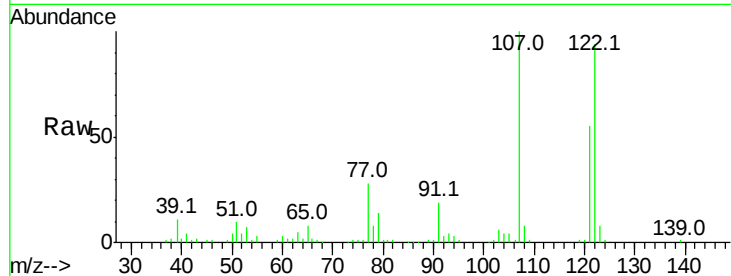




#27
2,4-Dimethylphenol
Concen: 33.968 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

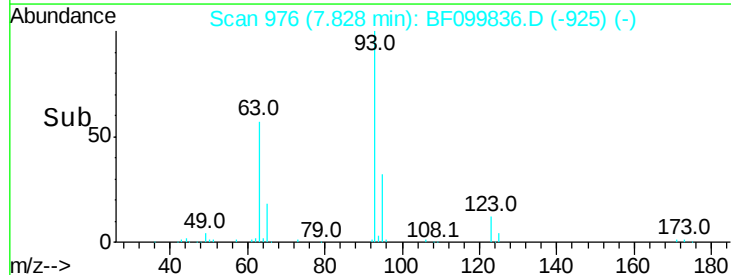
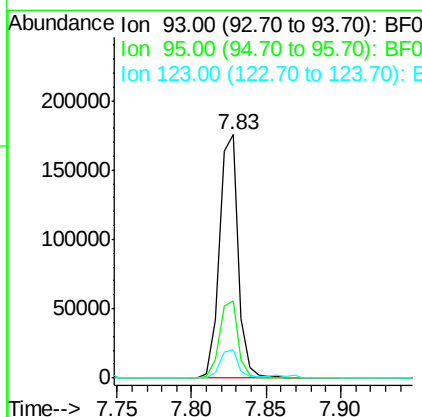
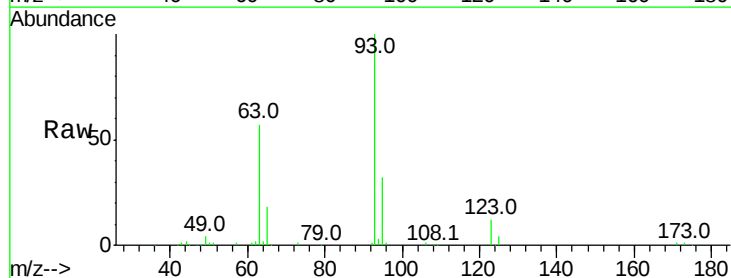
Instrument :
BNA_F
ClientSampled :

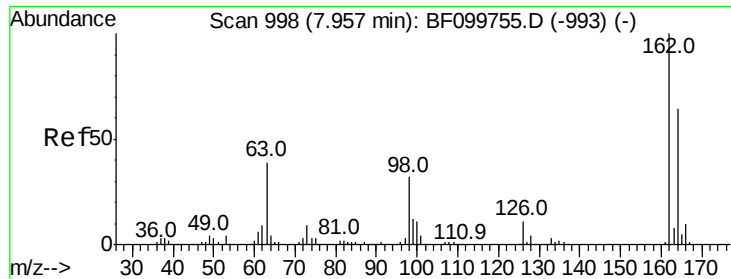
Tot Ion:122 Resp: 120426
Ion Ratio Lower Upper
122 100
107 106.6 91.2 136.8
121 58.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 29.333 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion: 93 Resp: 155422
Ion Ratio Lower Upper
93 100
95 31.7 26.3 39.5
123 11.9 9.8 14.6

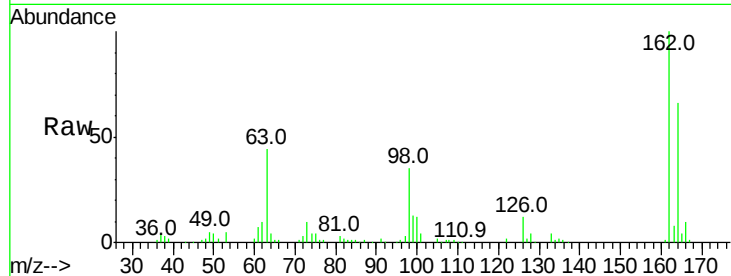




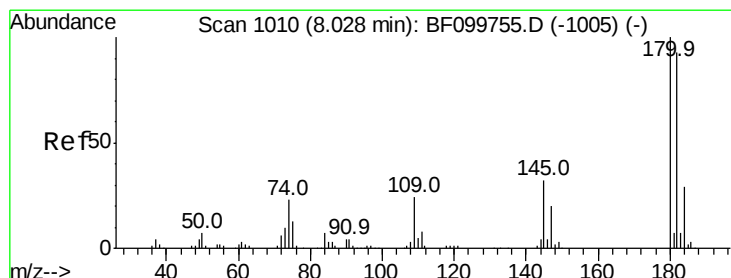
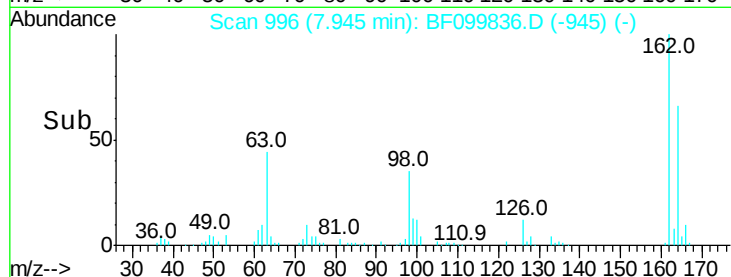
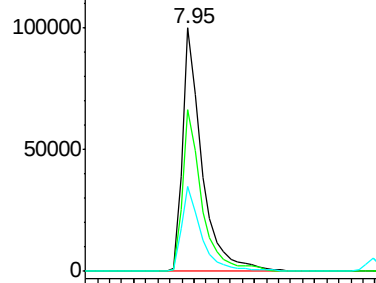
#29
 2,4-Dichlorophenol
 Concen: 29.943 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	42.7	82.7
98	34.9	18.1	58.1

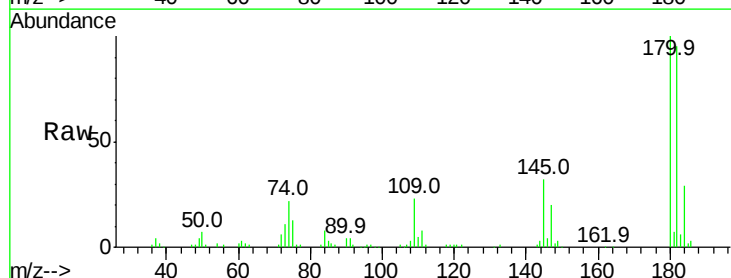


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

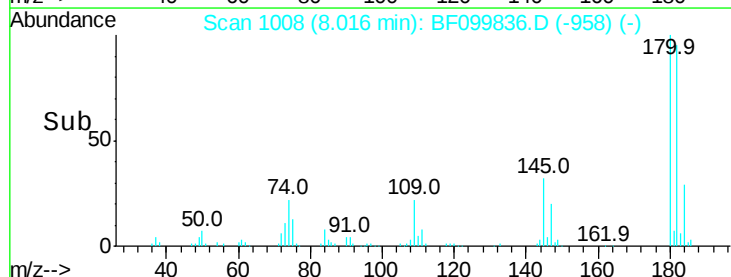
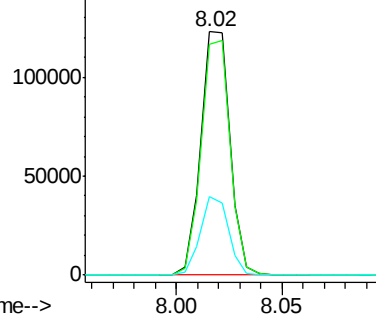


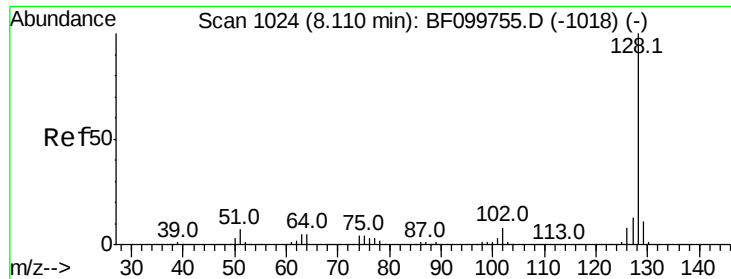
#30
 1,2,4-Trichlorobenzene
 Concen: 29.681 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	32.2	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

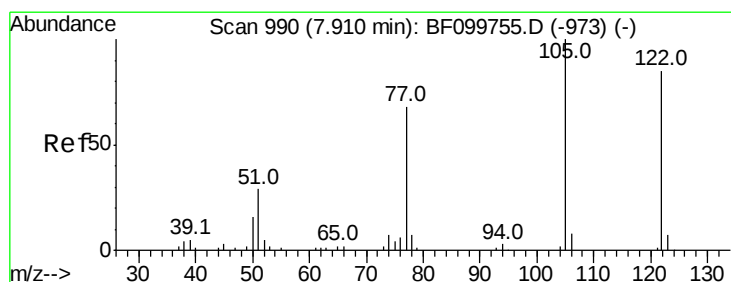
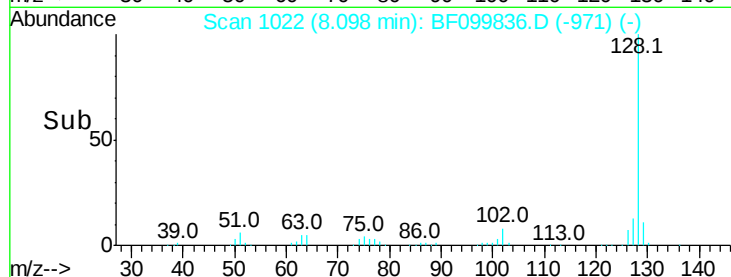
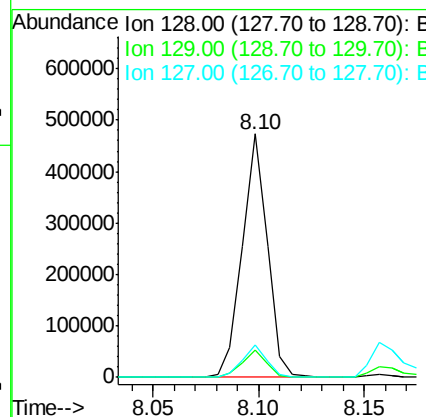
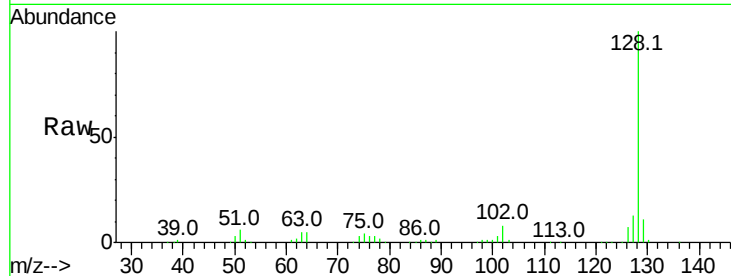




#31
Naphthalene
Concen: 29.905 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

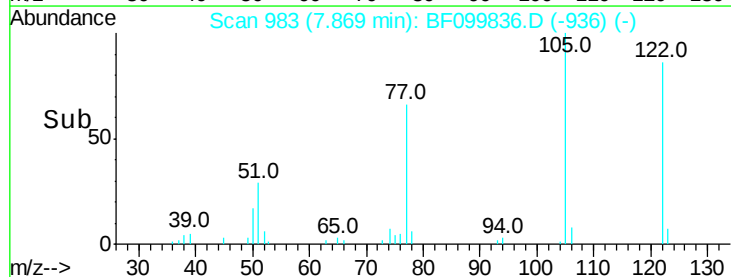
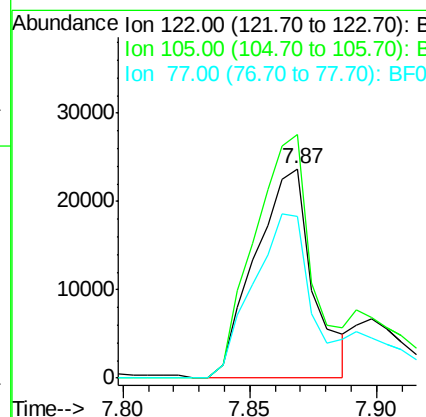
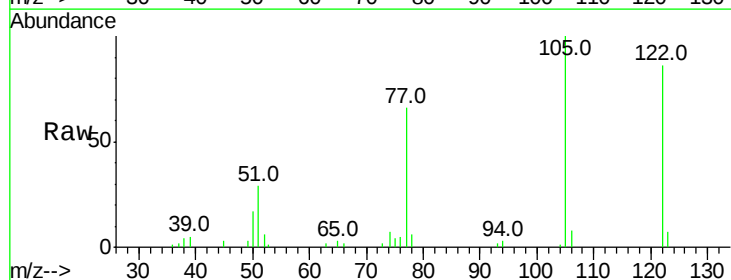
Instrument :
BNA_F
ClientSampleId :

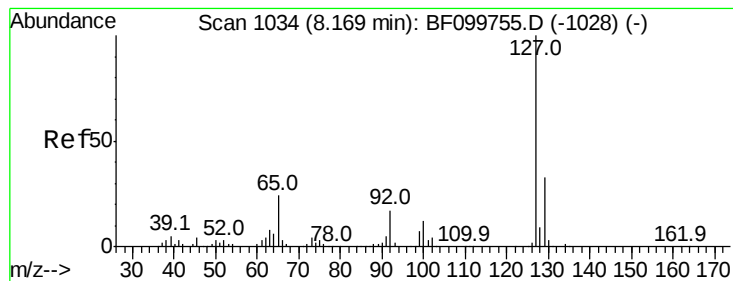
Tot Ion:128 Resp: 387493
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 12.094 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:122 Resp: 37742
Ion Ratio Lower Upper
122 100
105 116.3 101.1 141.1
77 77.1 70.7 110.7





#33

4-Chloroaniline

Concen: 14.987 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 80189

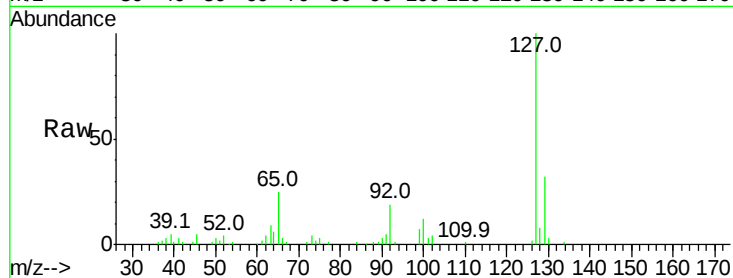
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 25.3 25.0 37.4

92 18.6 15.2 22.8

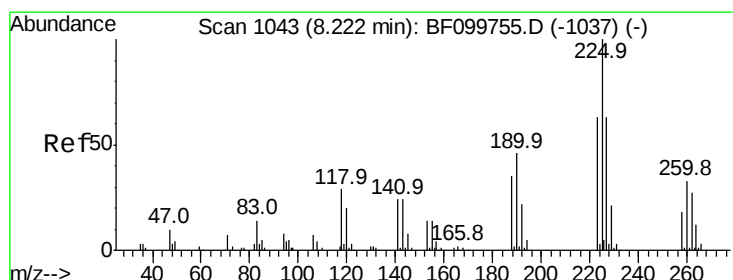
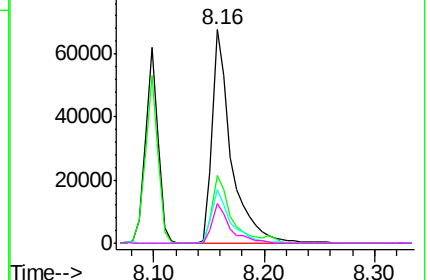
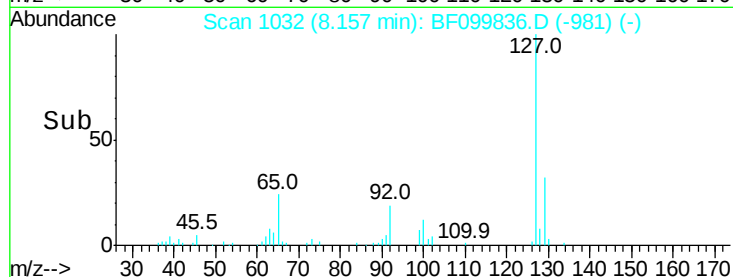


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 28.338 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

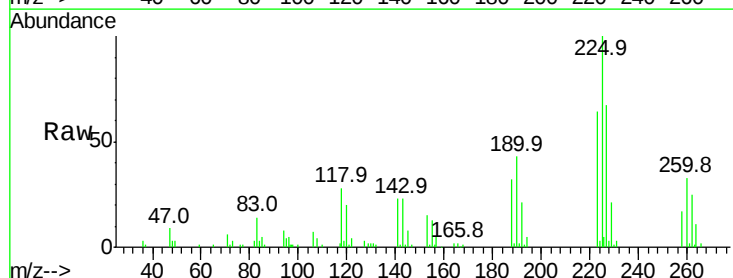
Tgt Ion:225 Resp: 57359

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

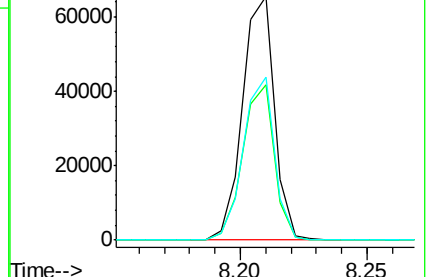
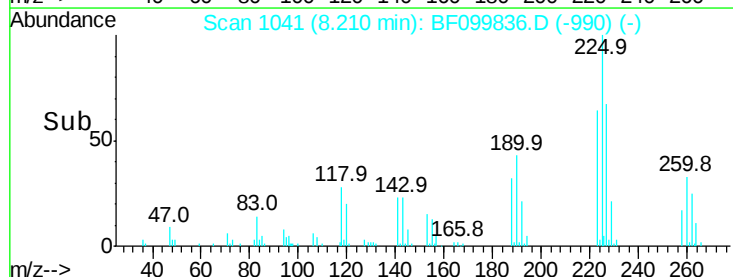
227 67.2 51.9 77.9

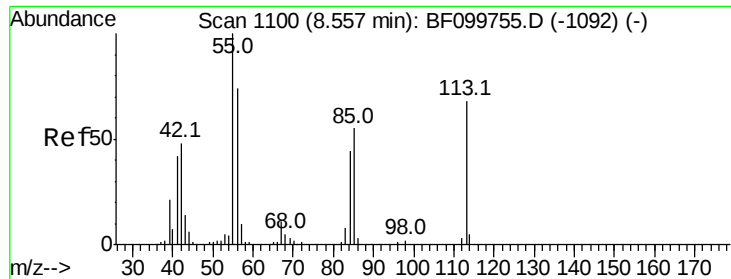


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

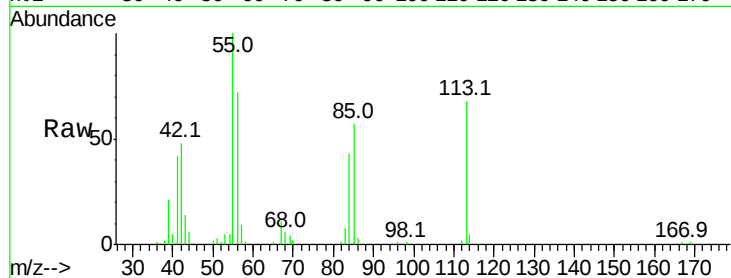




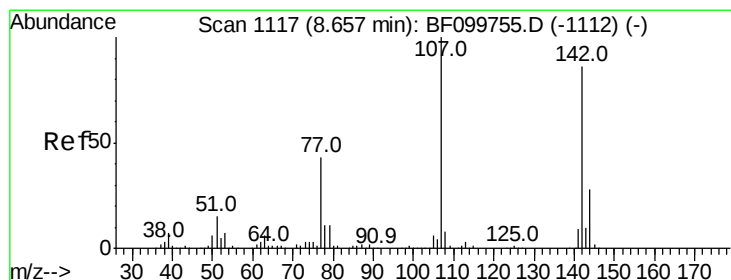
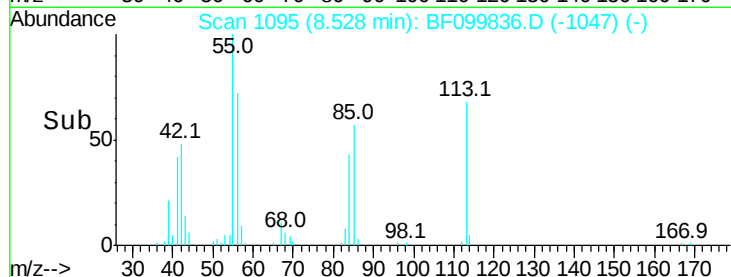
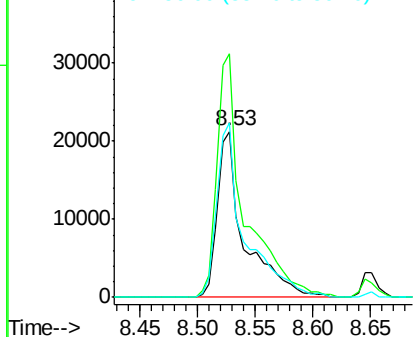
#35
Caprolactam
Concen: 29.841 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 34562
Ion Ratio Lower Upper
113 100
55 146.8 163.3 203.3#
56 105.0 115.7 155.7#

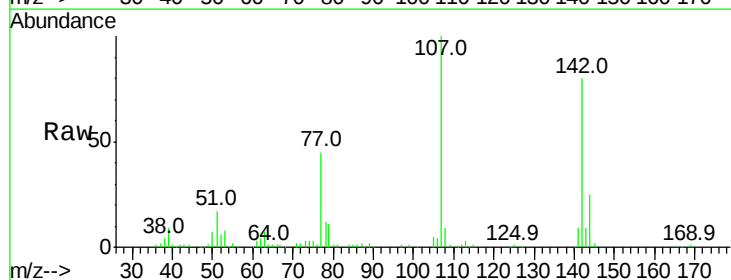


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

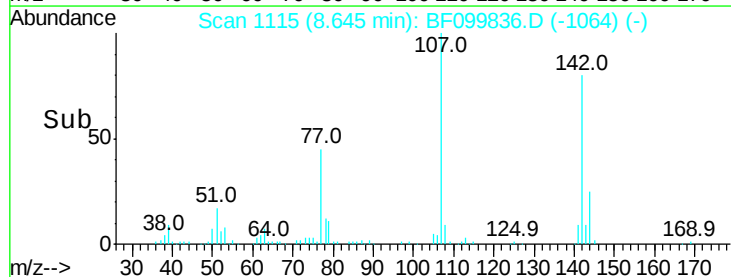
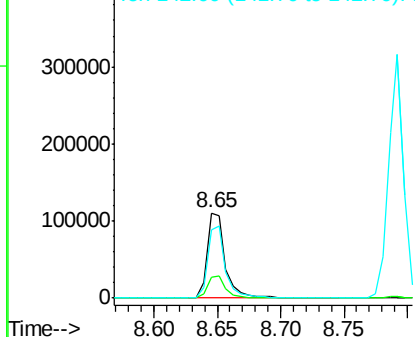


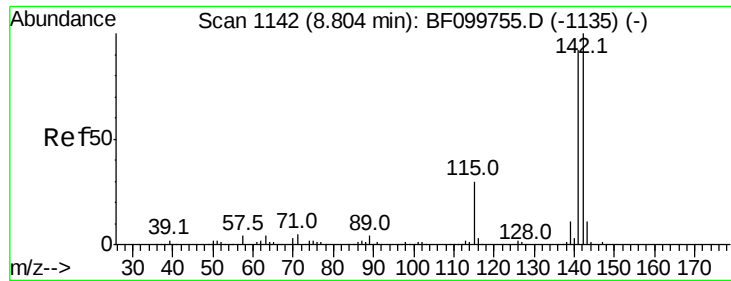
#36
4-Chloro-3-methylphenol
Concen: 29.303 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:107 Resp: 110151
Ion Ratio Lower Upper
107 100
144 24.9 20.5 30.7
142 79.8 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: 30.347 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

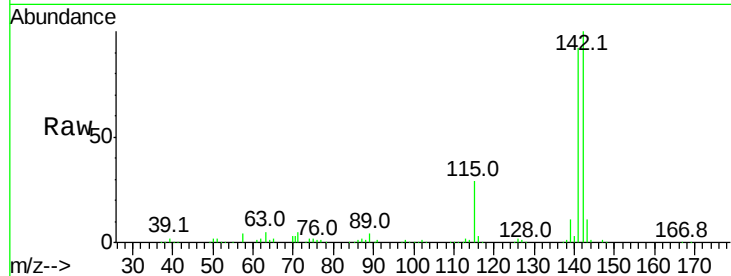
Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 263508

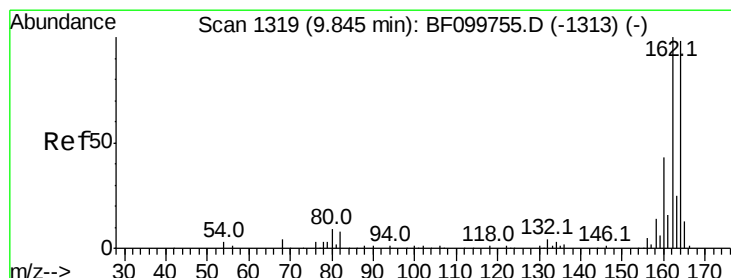
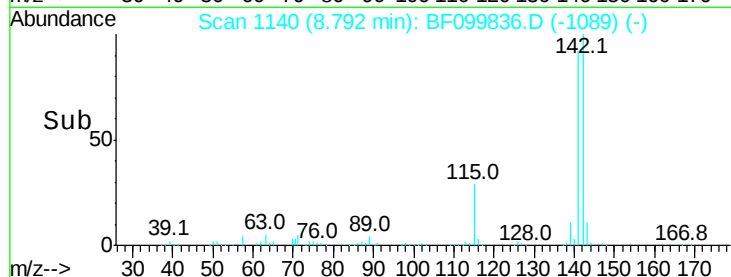
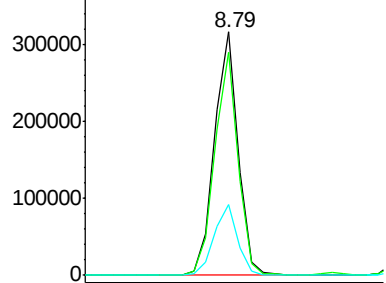
Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2
115	29.0	26.1	39.1



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: 9.84 min Scan# 1318

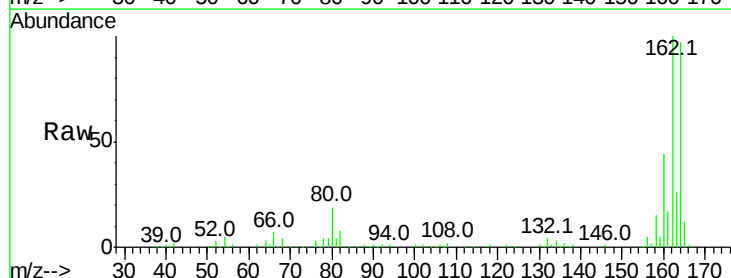
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion:164 Resp: 119969

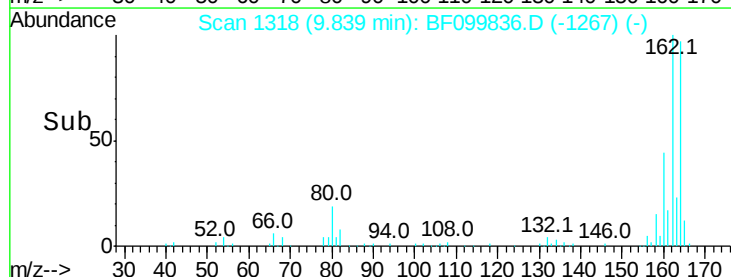
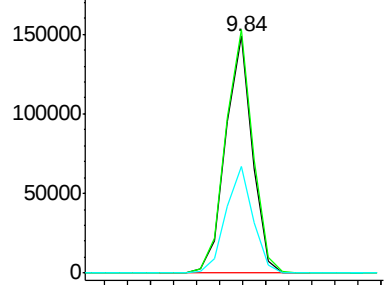
Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.0	38.3	57.5

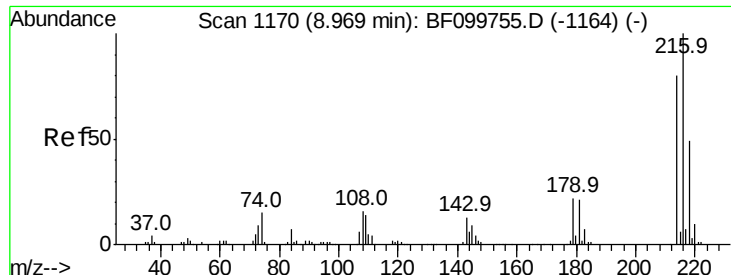


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

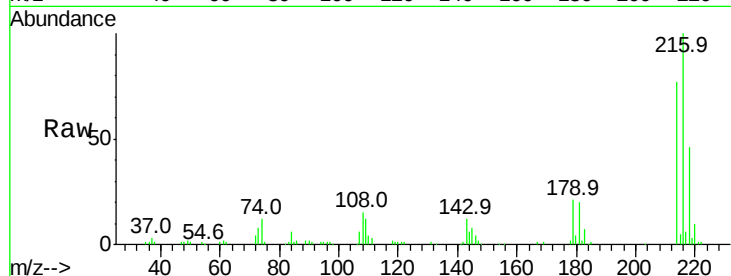




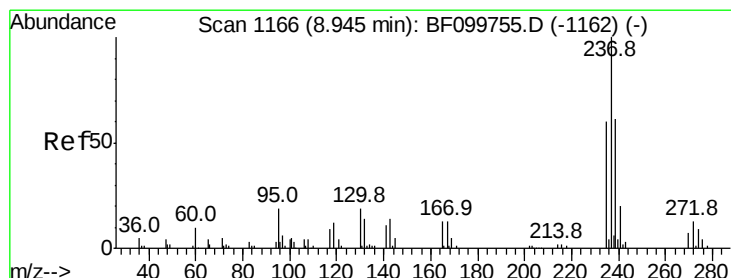
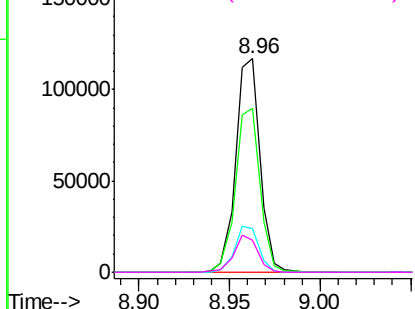
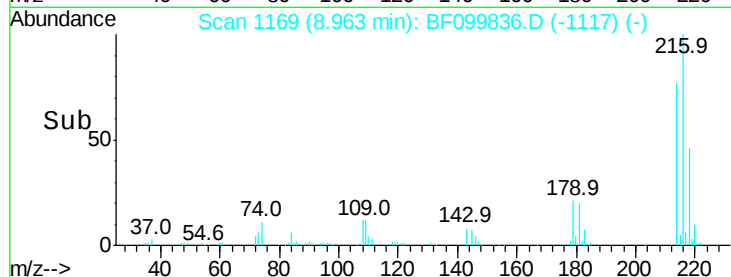
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.326 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	109755
Ion Ratio	Lower	Upper	
216	100		
214	77.7	63.0	94.4
179	21.4	18.1	27.1
108	17.0	17.2	25.8#

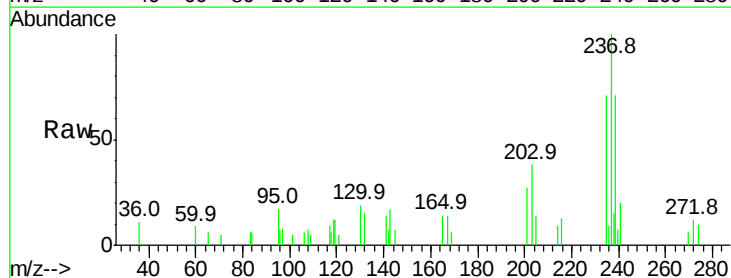


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

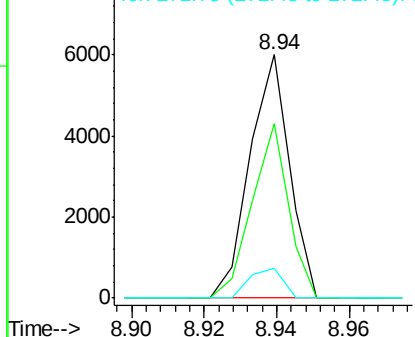
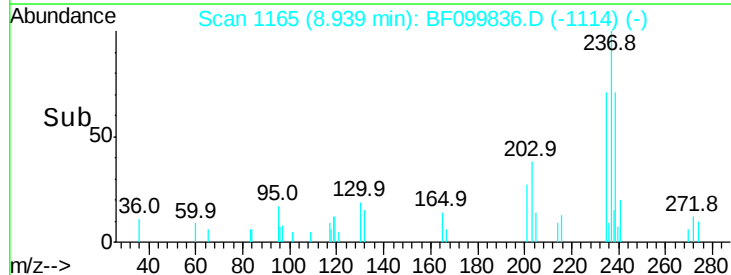


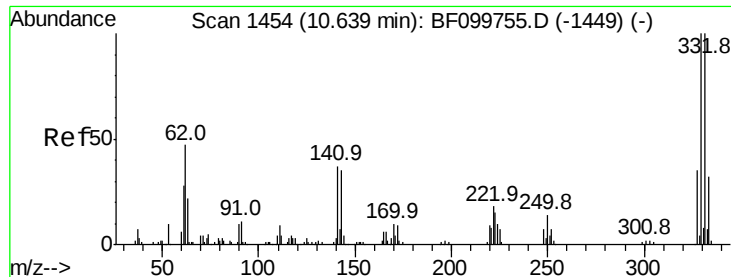
#40
 Hexachlorocyclopentadiene
 Concen: 16.787 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:	237	Resp:	4533
Ion Ratio	Lower	Upper	
237	100		
235	71.4	44.8	84.8
272	12.5	0.0	33.3



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

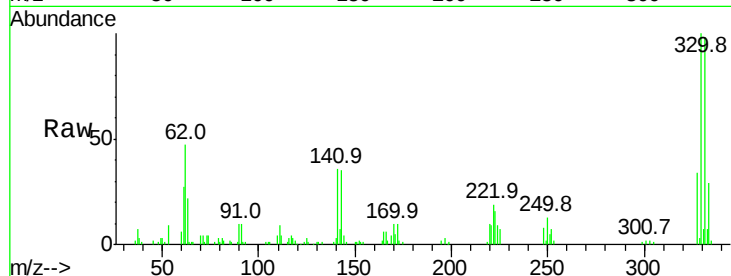




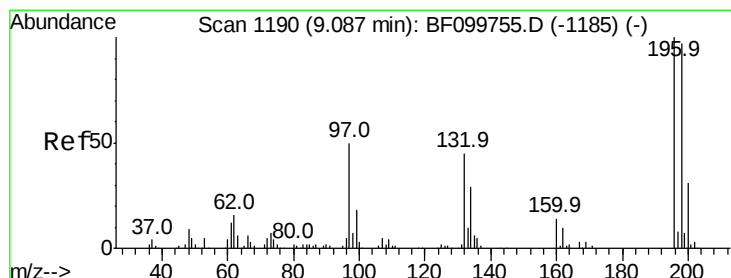
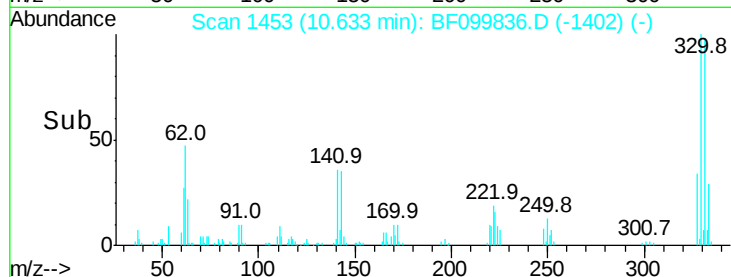
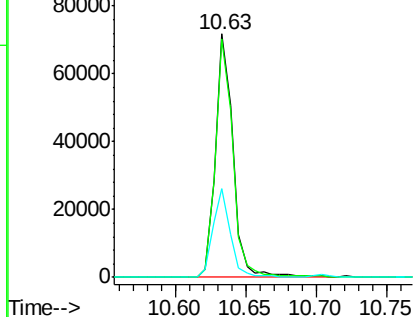
#41
 2,4,6-Tribromophenol
 Concen: 57.044 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 62366
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 35.4 29.9 44.9

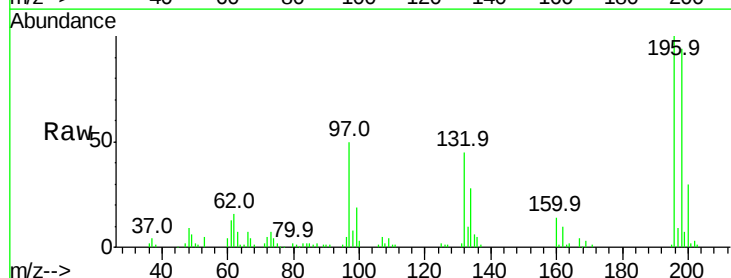


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

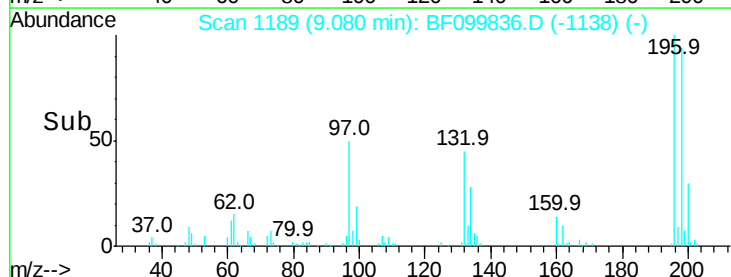
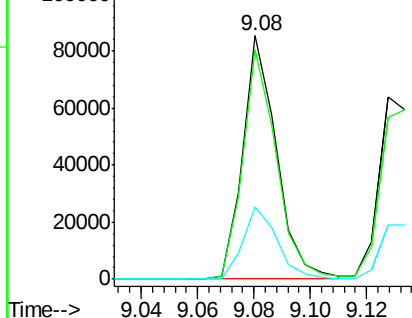


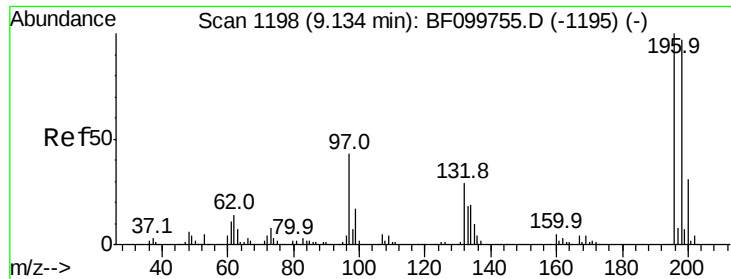
#42
 2,4,6-Trichlorophenol
 Concen: 30.184 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:196 Resp: 70744
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 29.8 24.5 36.7



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

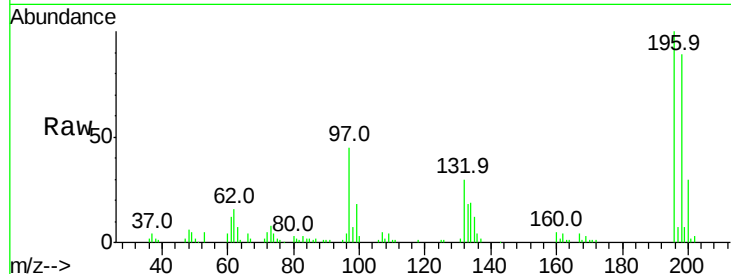




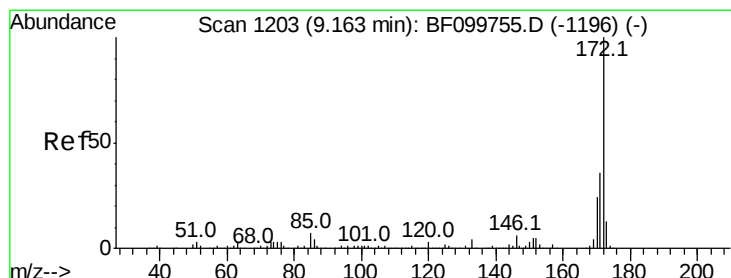
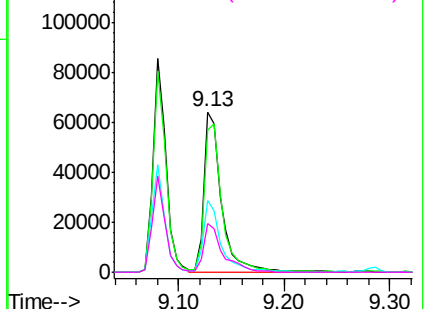
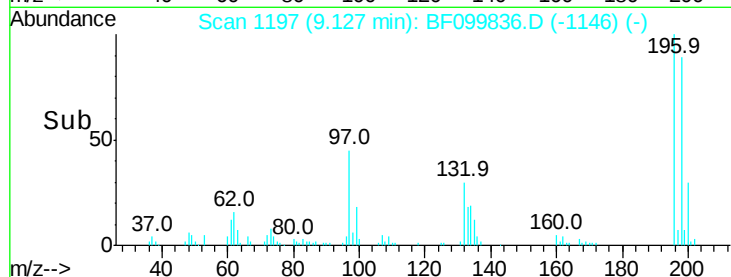
#43
 2,4,5-Trichlorophenol
 Concen: 30.161 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	75015
Ion	Ratio	Lower	Upper
196	100		
198	88.6	74.6	112.0
97	45.2	42.9	64.3
132	30.2	26.3	39.5

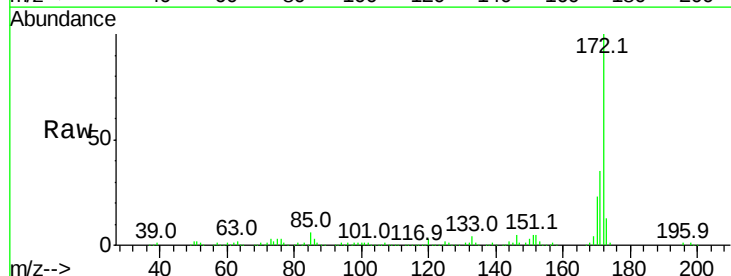


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

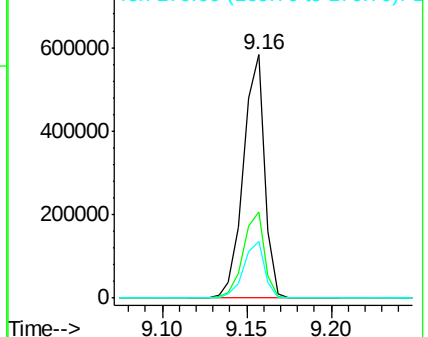
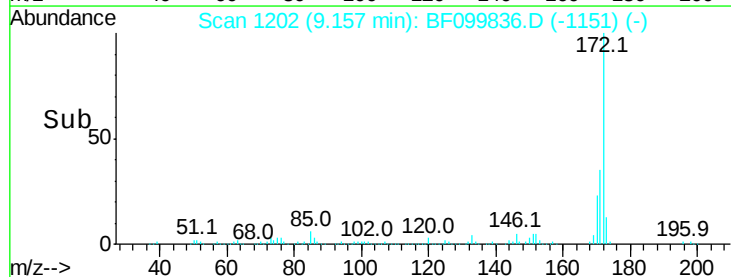


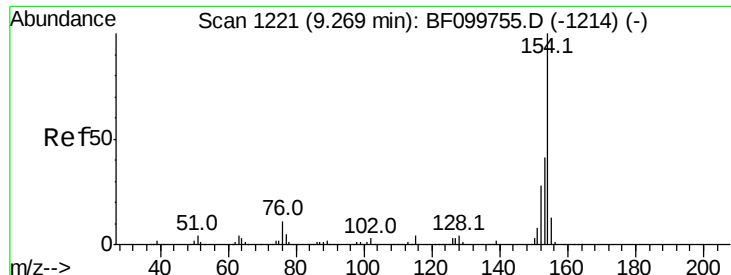
#44
 2-Fluorobiphenyl
 Concen: 65.830 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:	172	Resp:	511885
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.1	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

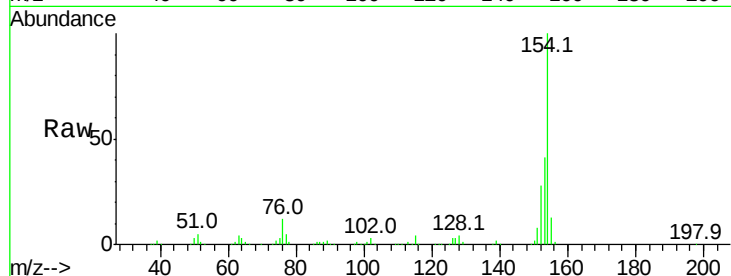




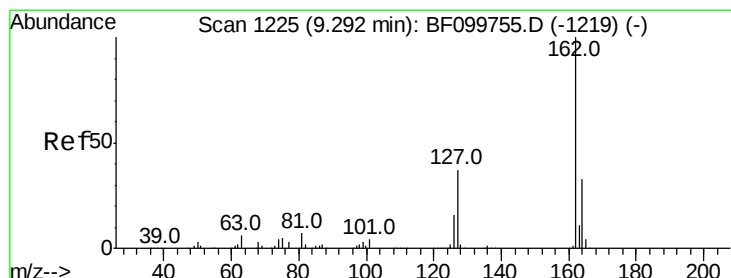
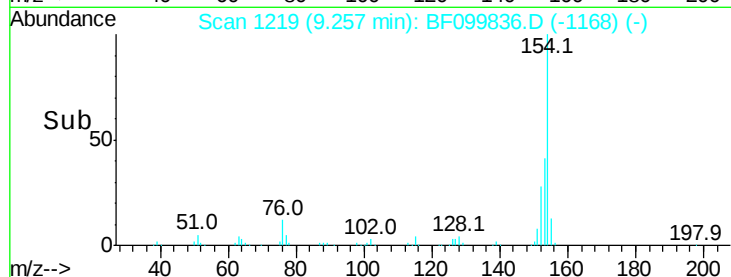
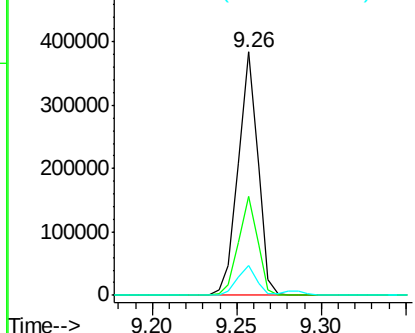
#45
 1,1'-Biphenyl
 Concen: 28.693 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 311400
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 12.3 0.0 34.0

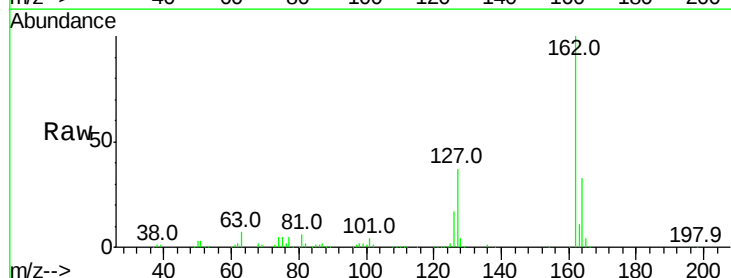


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

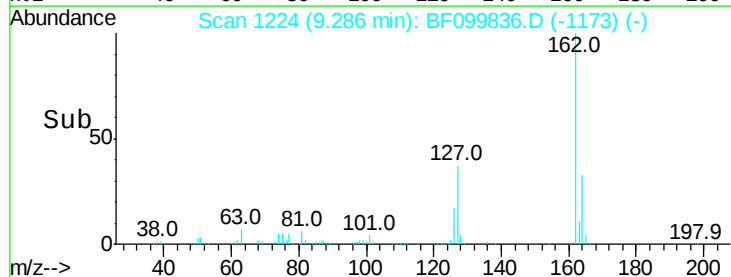
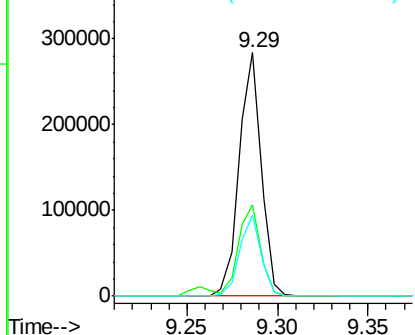


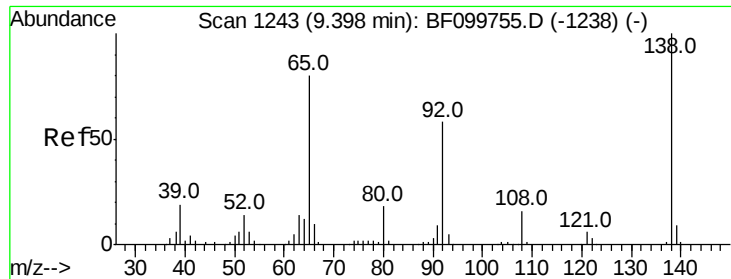
#46
 2-Chloronaphthalene
 Concen: 30.416 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:162 Resp: 239733
 Ion Ratio Lower Upper
 162 100
 127 37.5 33.9 50.9
 164 33.3 26.5 39.7



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

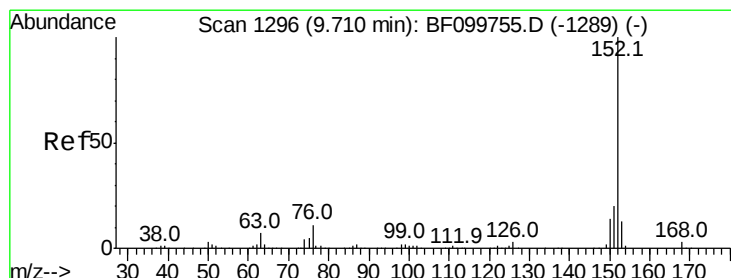
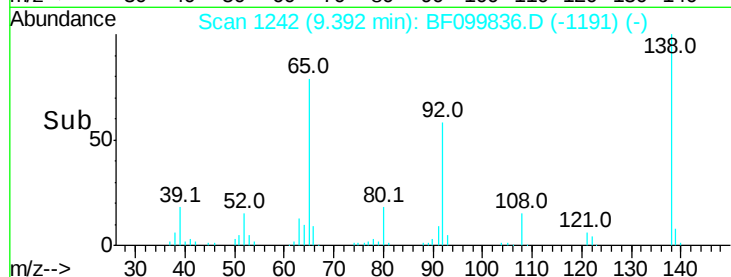
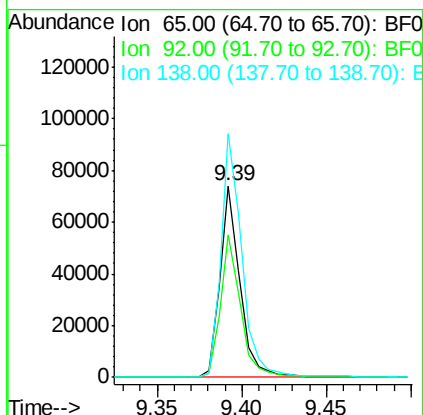
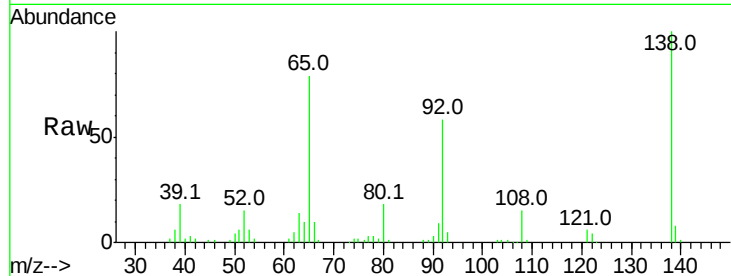




#47
2-Nitroaniline
Concen: 29.760 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

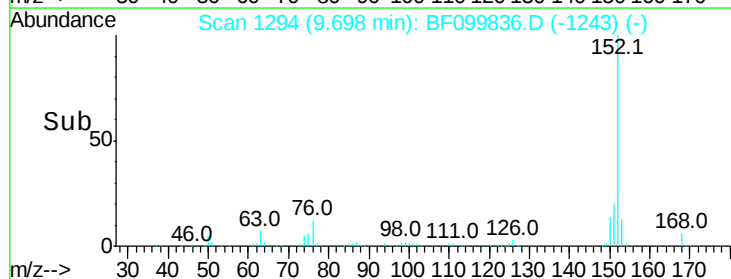
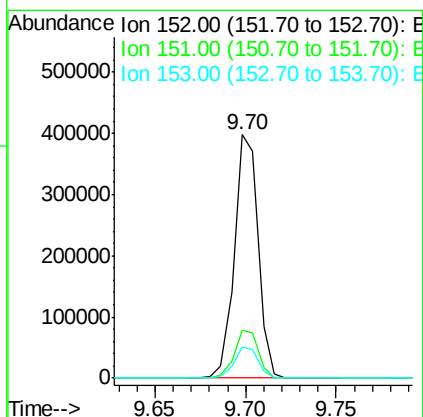
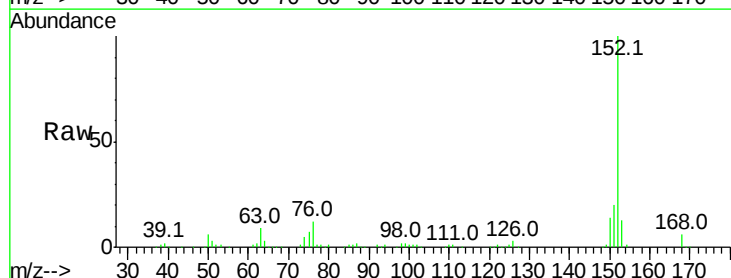
Instrument :
BNA_F
ClientSampleId :

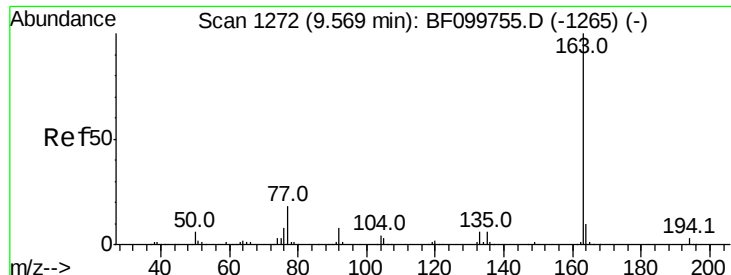
Tot Ion: 65 Resp: 61563
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 127.2 91.2 136.8



#48
Acenaphthylene
Concen: 29.798 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion: 152 Resp: 361734
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 12.9 10.7 16.1

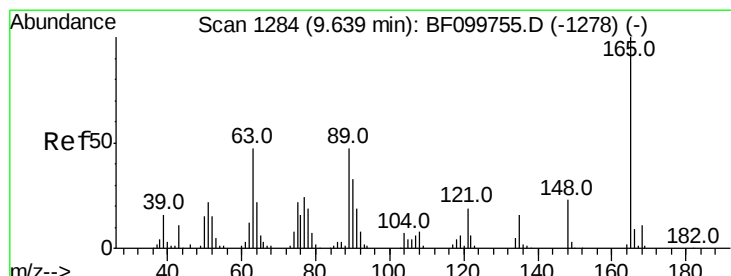
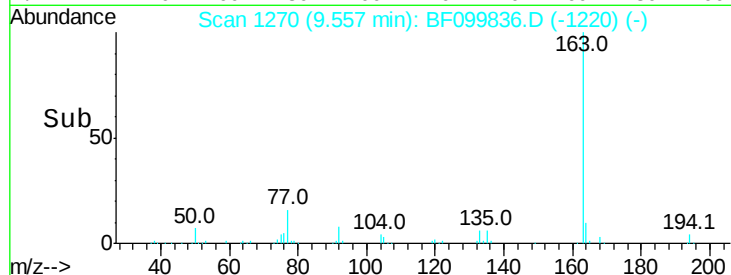
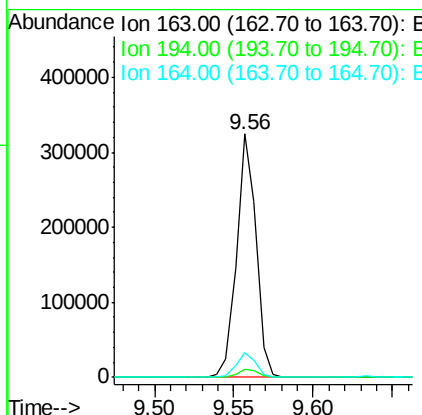
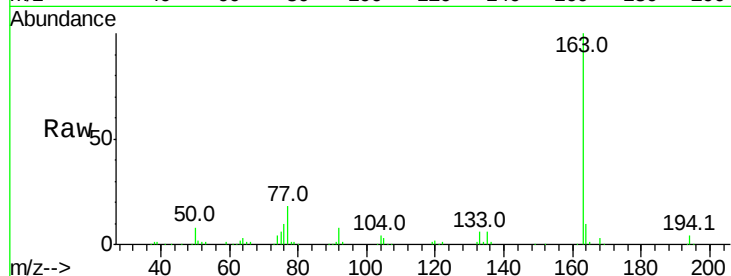




#49
Dimethylphthalate
Concen: 28.967 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

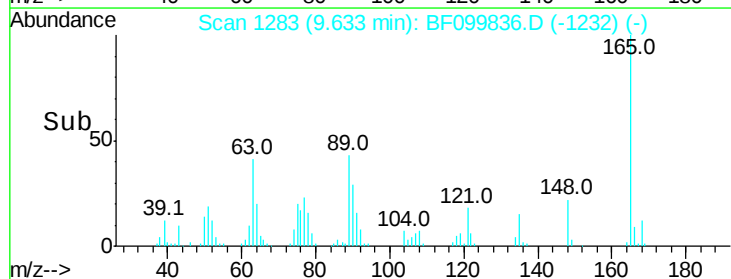
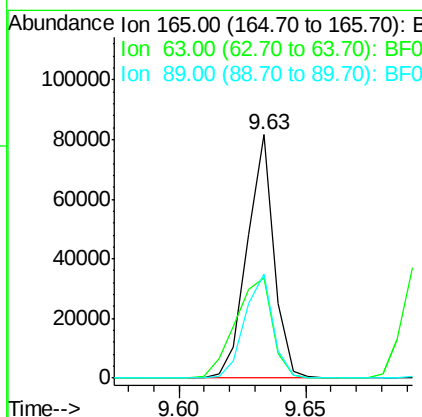
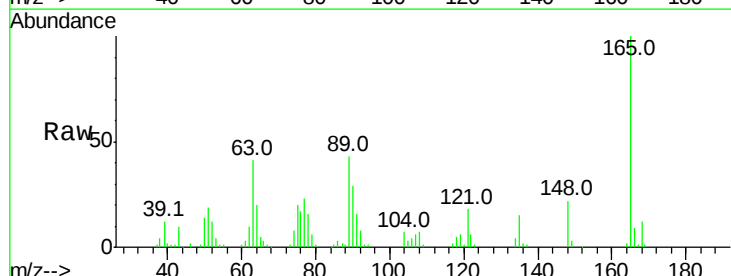
Instrument :
BNA_F
ClientSampleId :

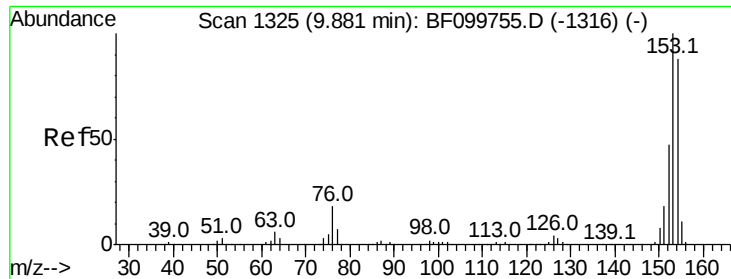
Tot Ion:163 Resp: 275205
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 30.072 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:165 Resp: 60060
Ion Ratio Lower Upper
165 100
63 41.4 44.7 67.1#
89 42.5 44.0 66.0#





#51

Acenaphthene

Concen: 28.750 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

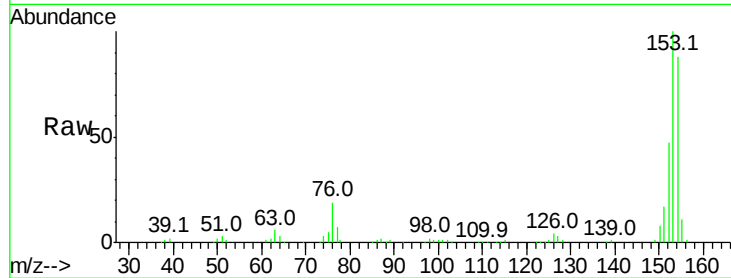
Tot Ion:154 Resp: 213257

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

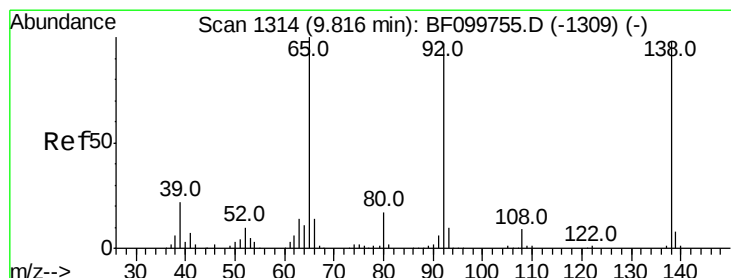
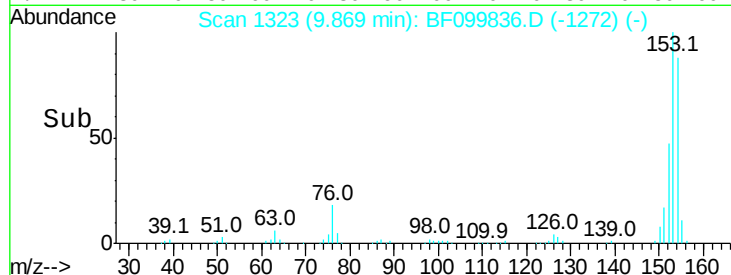
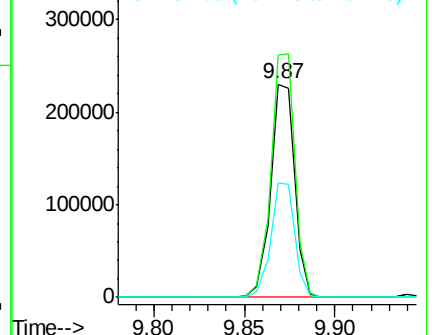
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.164 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

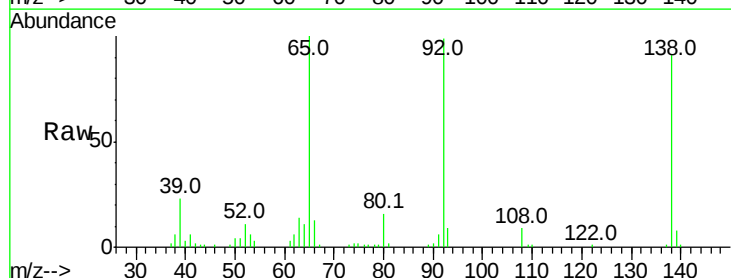
Tgt Ion:138 Resp: 49805

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

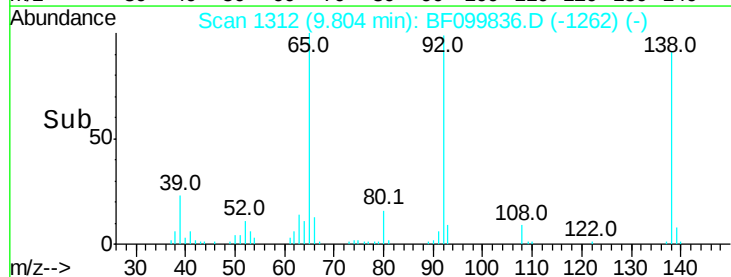
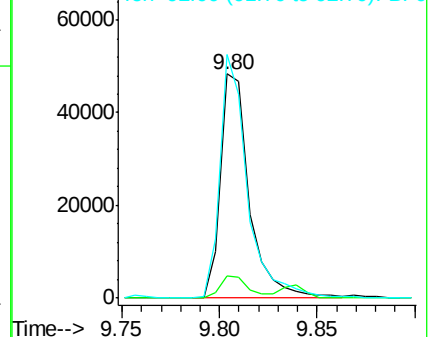
92 108.8 89.4 134.2

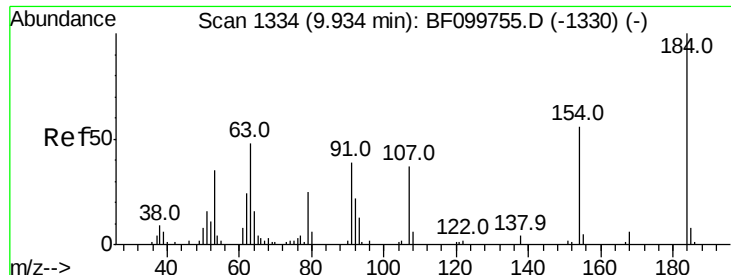


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

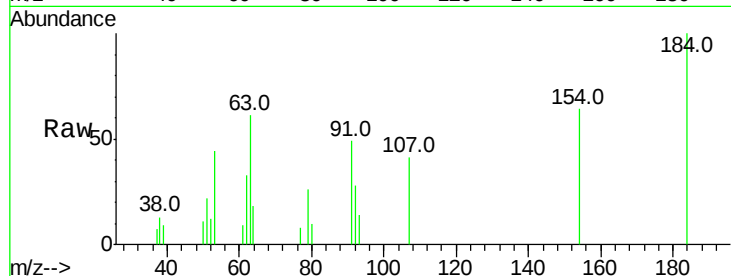




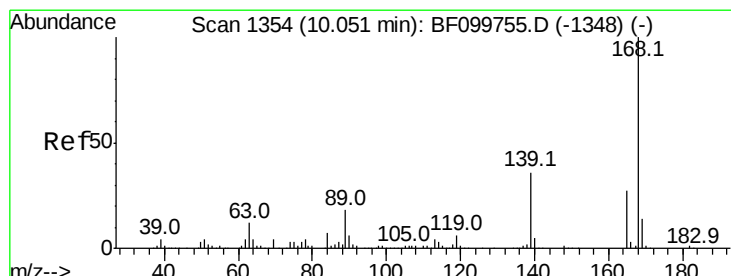
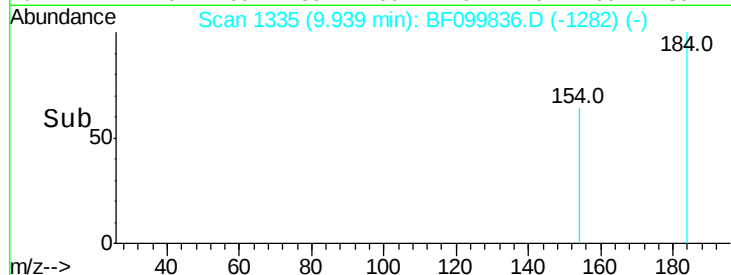
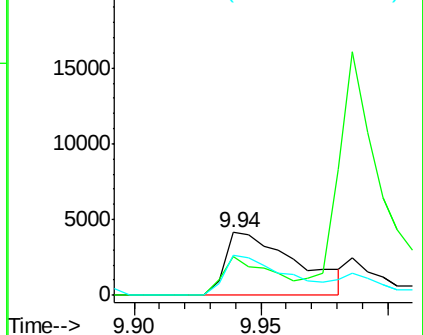
#53
 2,4-Dinitrophenol
 Concen: 15.239 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 8054
 Ion Ratio Lower Upper
 184 100
 63 60.9 54.2 81.2
 154 63.8 53.5 80.3

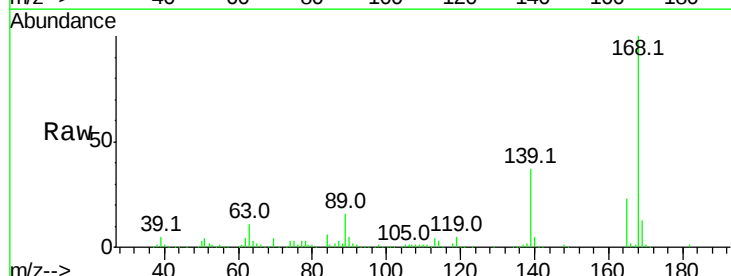


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

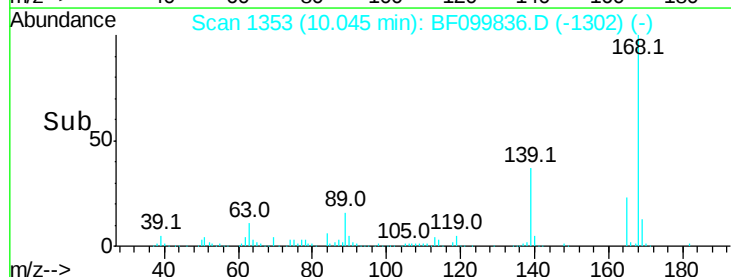
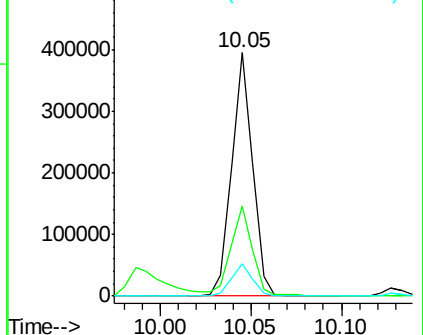


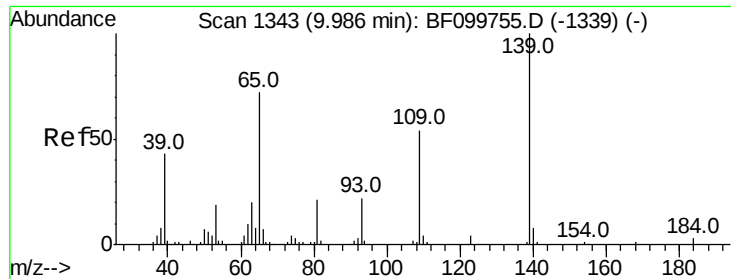
#54
 Dibenzofuran
 Concen: 30.287 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:168 Resp: 317115
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.5 10.9 16.3



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

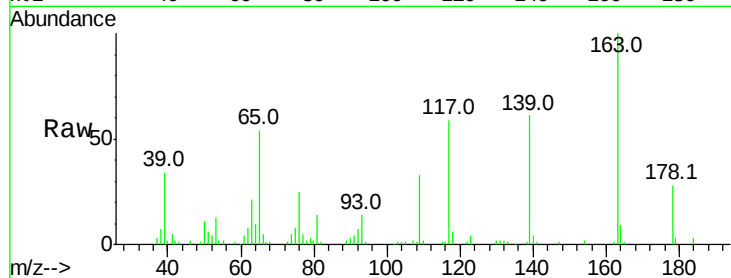




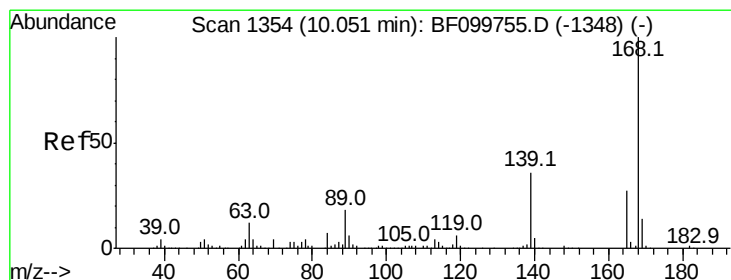
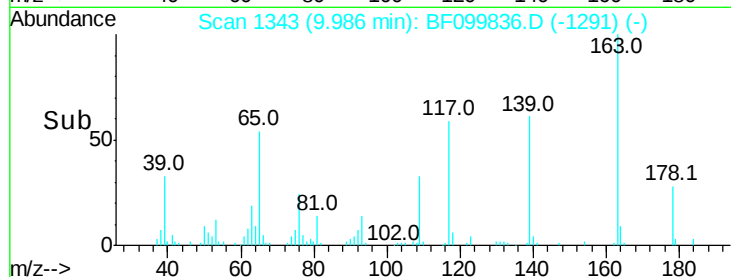
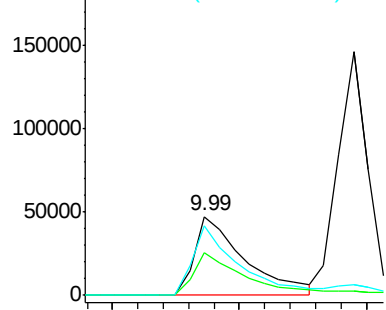
#55
4-Nitrophenol
Concen: 53.056 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 65239
Ion Ratio Lower Upper
139 100
109 54.5 48.4 88.4
65 88.1 72.6 112.6

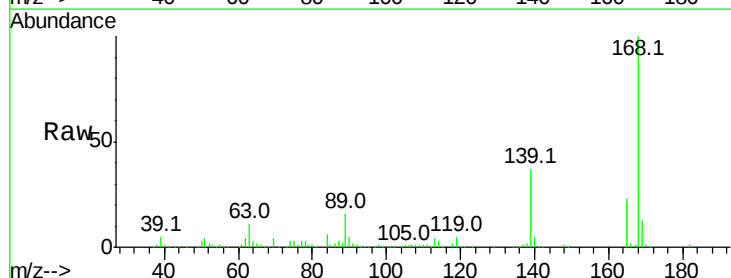


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

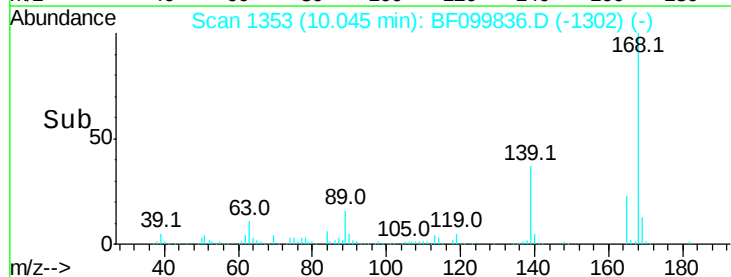
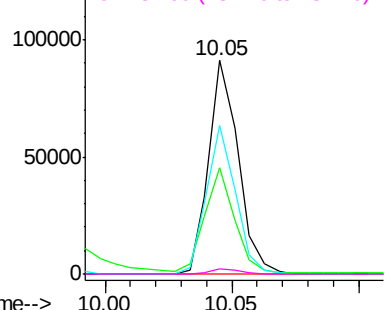


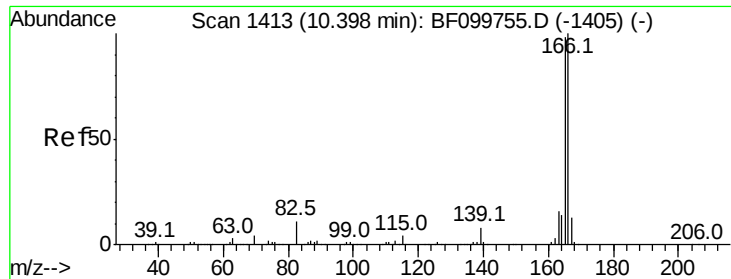
#56
2,4-Dinitrotoluene
Concen: 30.863 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:165 Resp: 74233
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 69.6 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.697 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

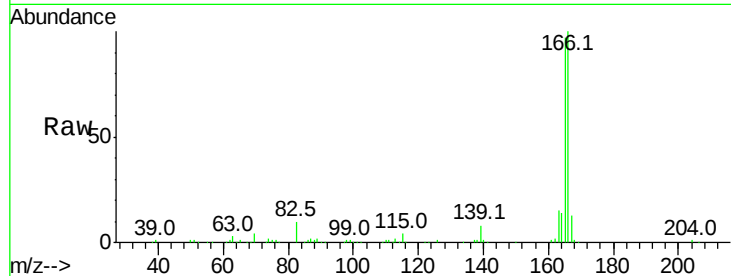
Tot Ion:166 Resp: 257445

Ion Ratio Lower Upper

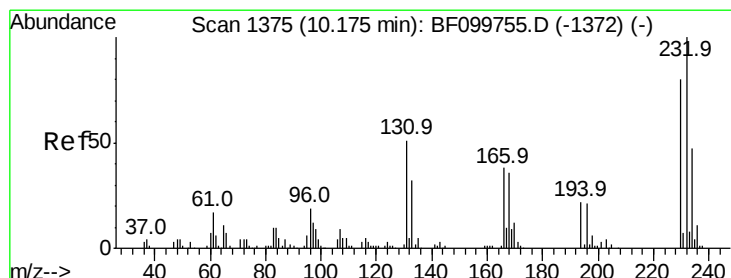
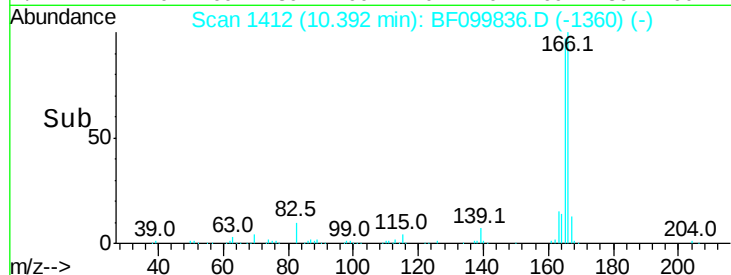
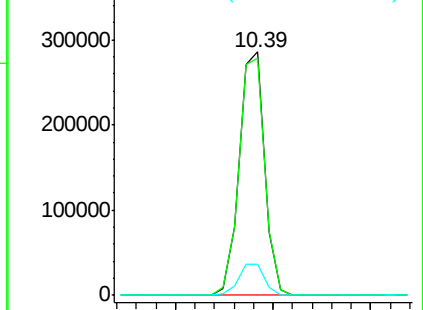
166 100

165 97.4 79.8 119.8

167 12.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.096 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.04 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion:232 Resp: 45506

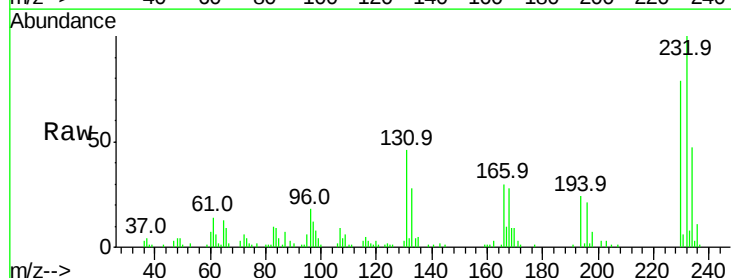
Ion Ratio Lower Upper

232 100

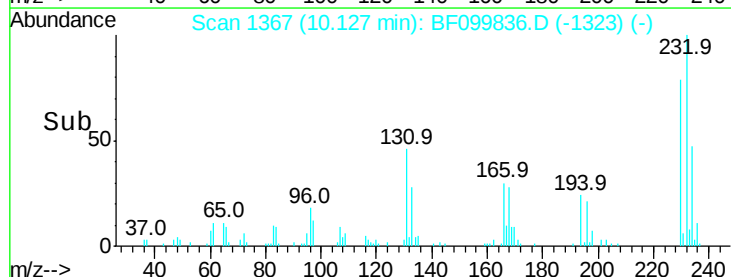
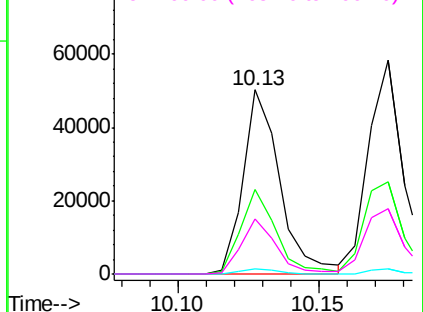
131 44.5 43.8 65.8

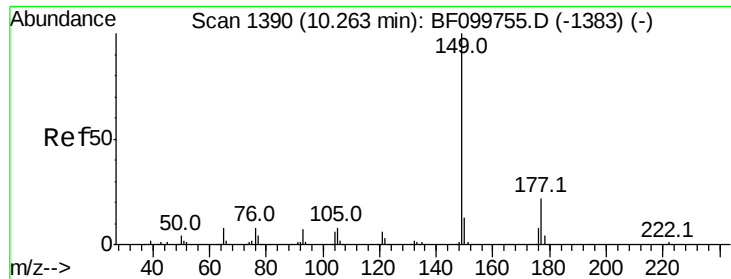
130 2.7 2.1 3.1

166 28.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

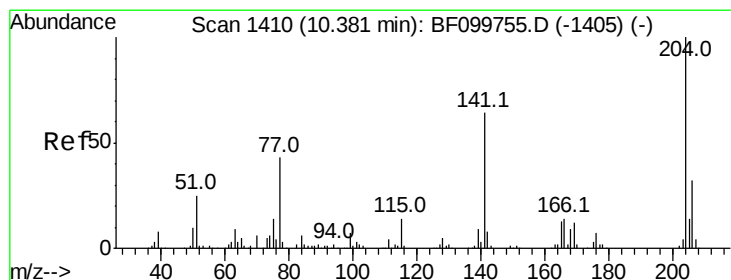
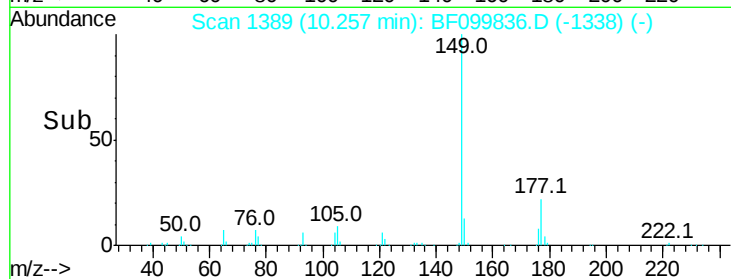
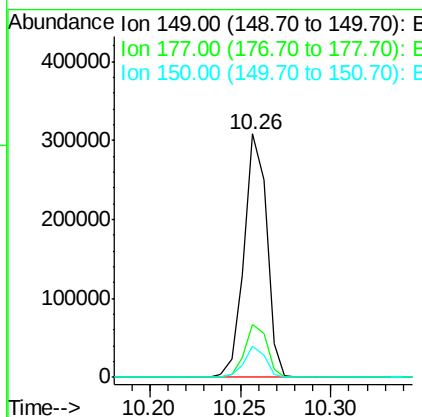
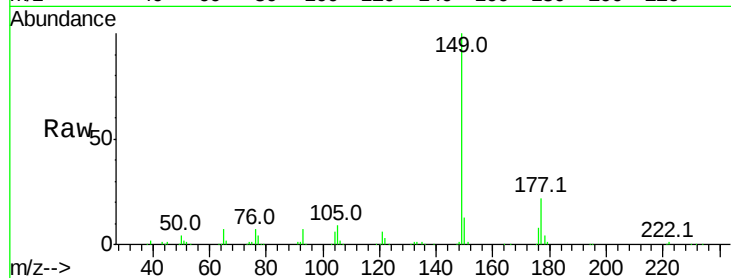




#59
Diethylphthalate
Concen: 28.877 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

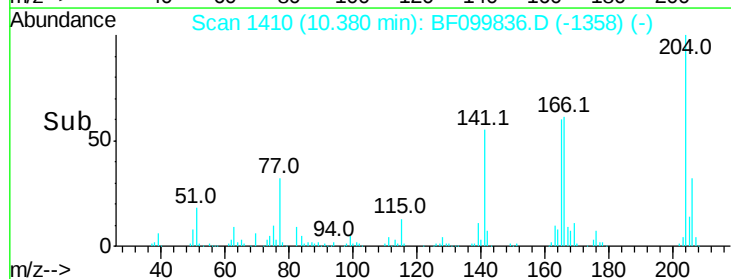
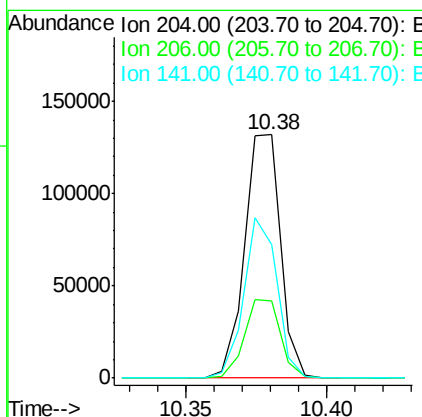
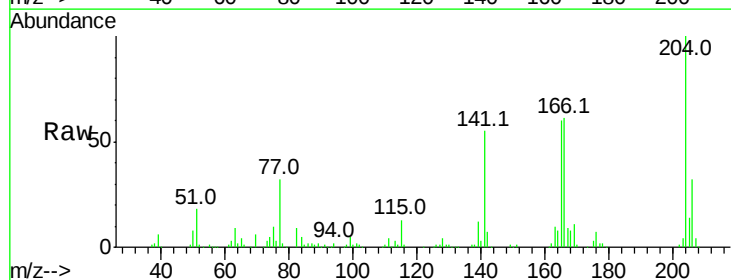
Instrument :
BNA_F
ClientSampled :

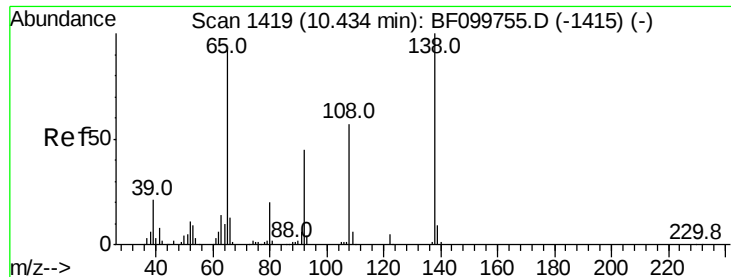
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 28.649 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	55.0	54.6	81.8

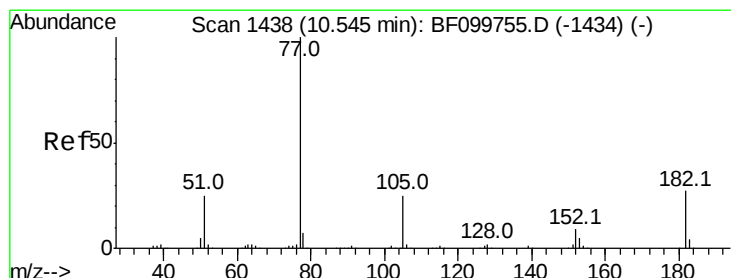
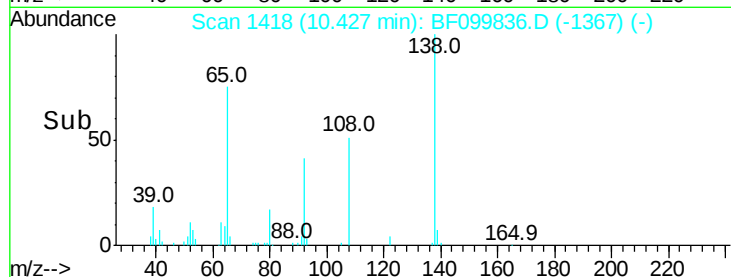
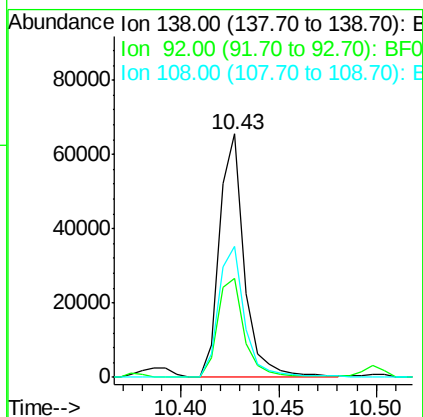
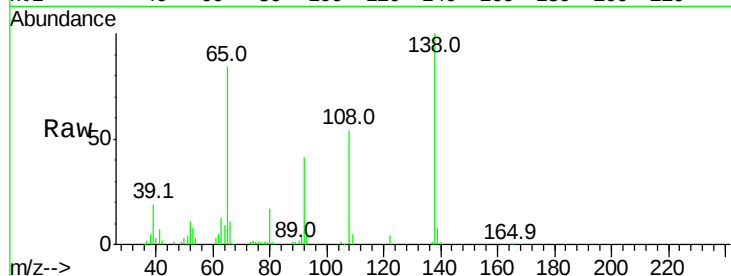




#61
4-Nitroaniline
Concen: 25.815 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

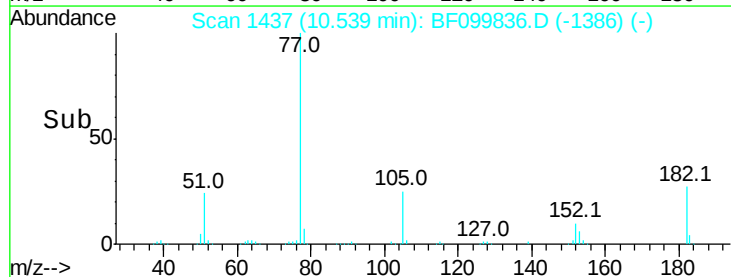
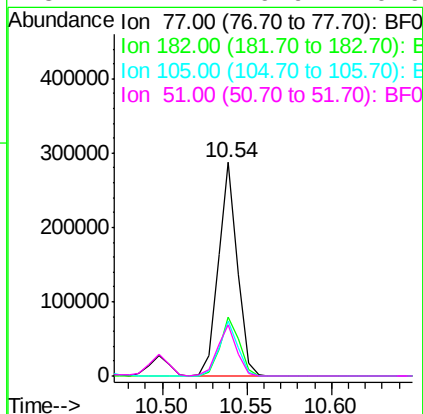
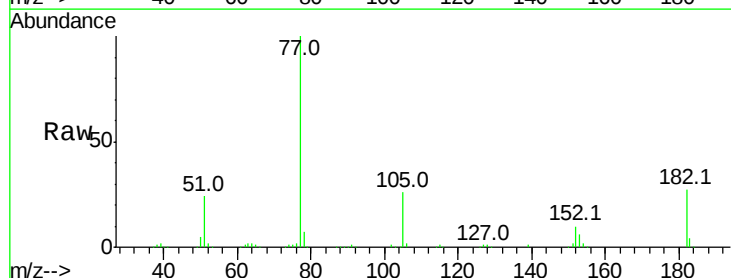
Instrument :
BNA_F
ClientSampled :

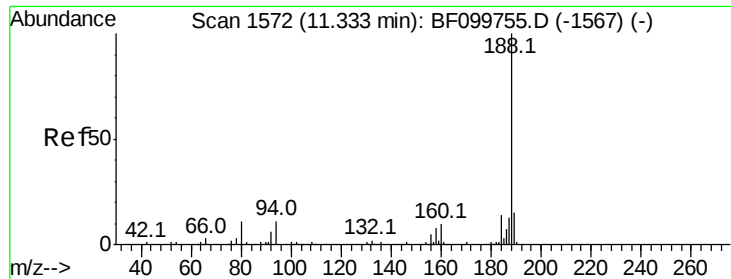
Tot Ion:138 Resp: 57960
Ion Ratio Lower Upper
138 100
92 40.7 30.2 70.2
108 53.7 52.5 92.5



#62
Azobenzene
Concen: 29.115 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion: 77 Resp: 226438
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 25.5 3.0 43.0
51 24.1 9.9 49.9

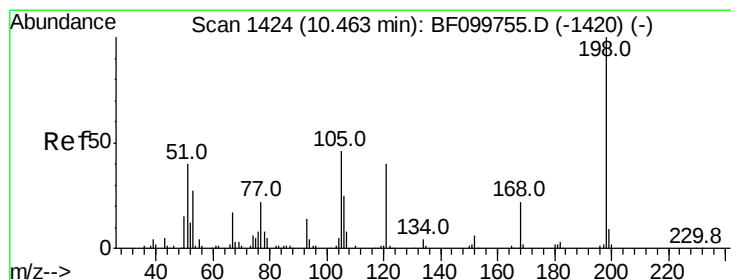
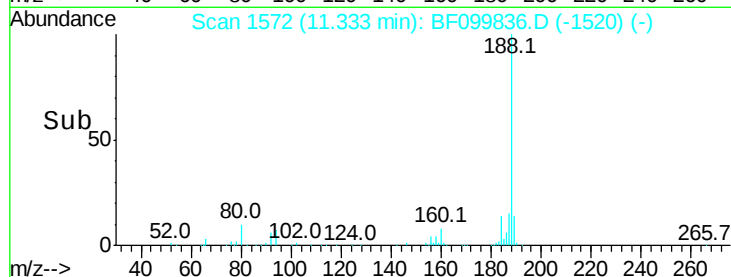
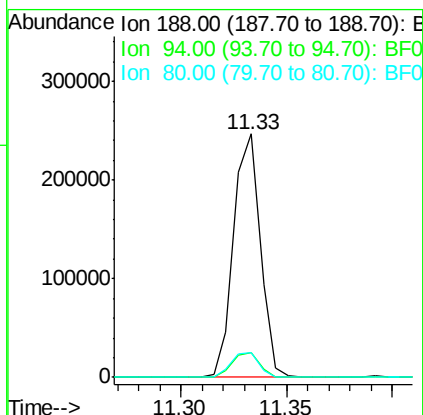
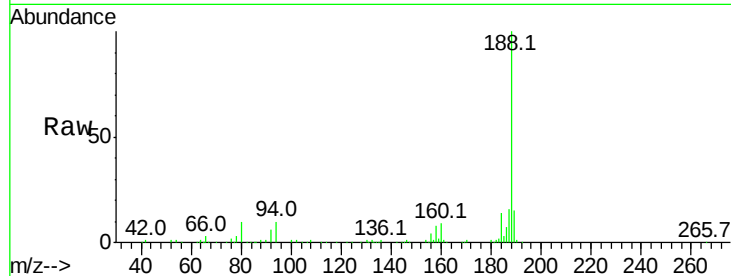




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

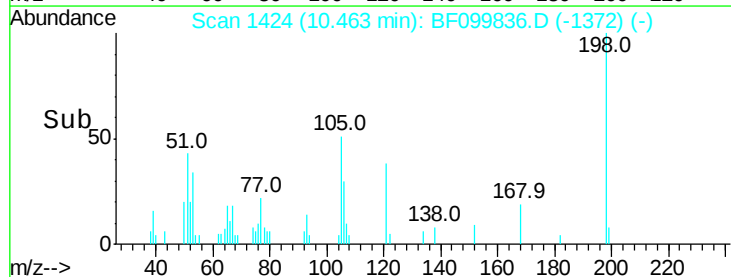
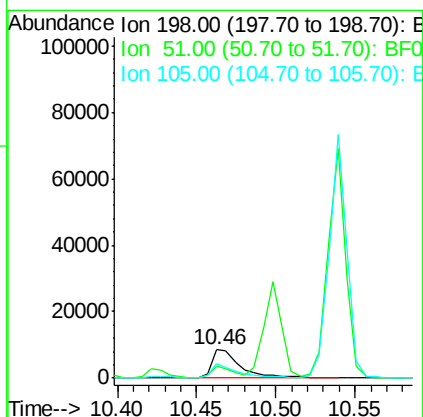
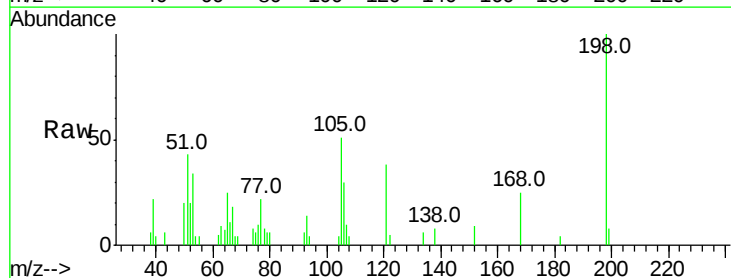
Instrument :
BNA_F
ClientSampleId :

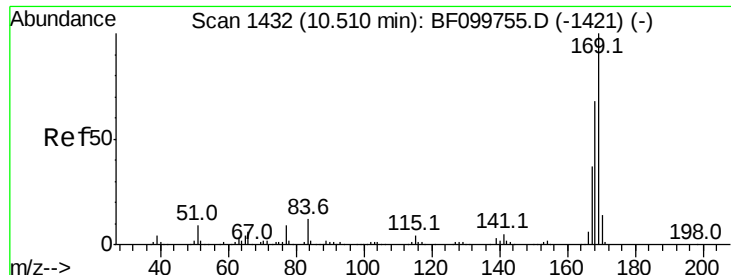
Tot Ion:188 Resp: 215641
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.955 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:198 Resp: 10783
Ion Ratio Lower Upper
198 100
51 42.9 37.7 77.7
105 51.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 28.447 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

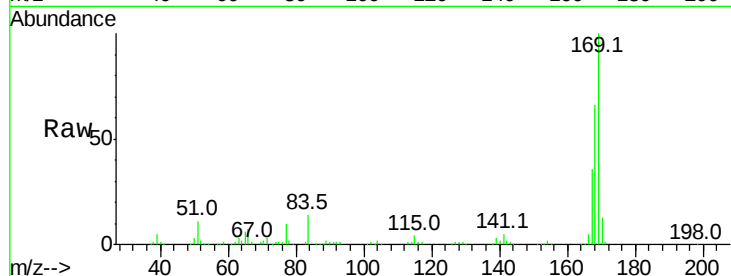
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 226445

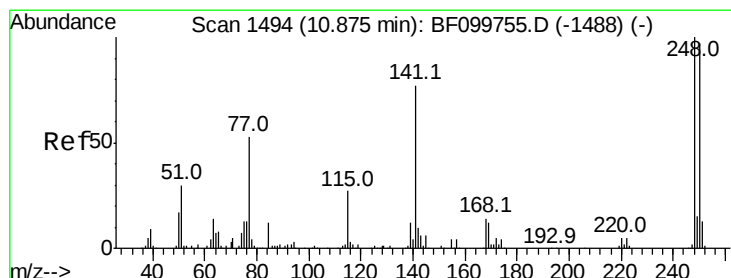
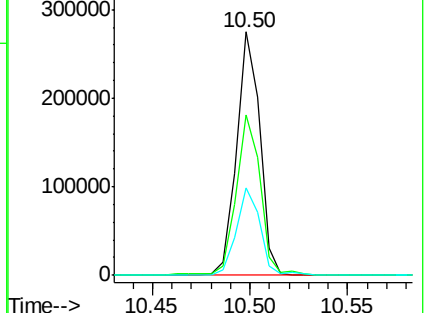
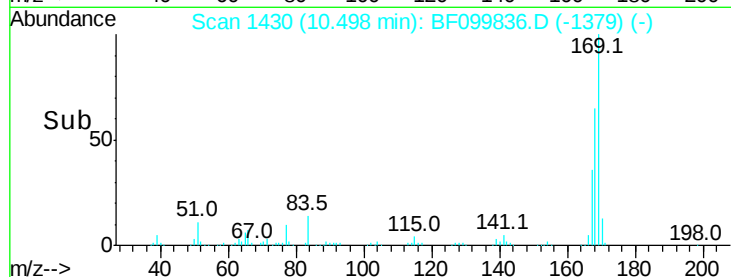
Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.4	81.6
167	35.9	29.8	44.6



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: 29.787 ng

RT: 10.87 min Scan# 1493

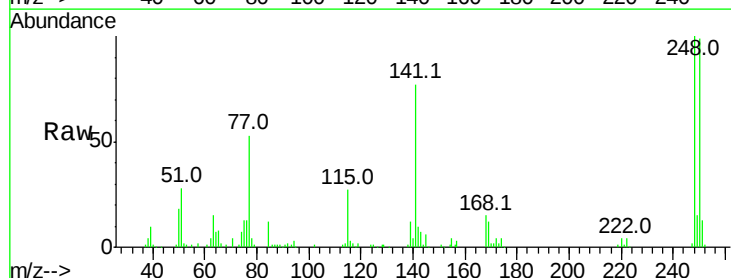
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion:248 Resp: 67622

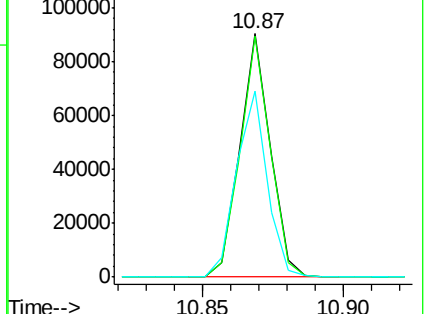
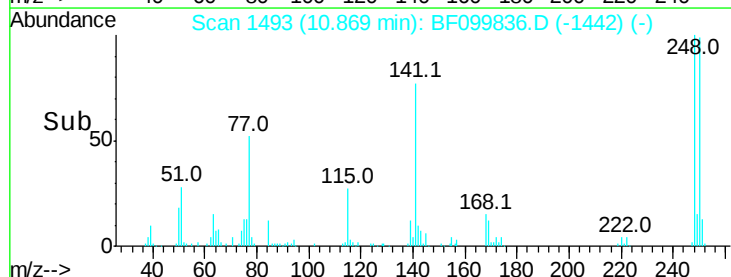
Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.9	115.3
141	76.5	74.4	111.6

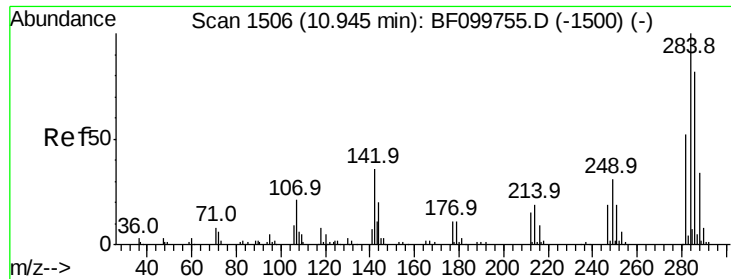


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

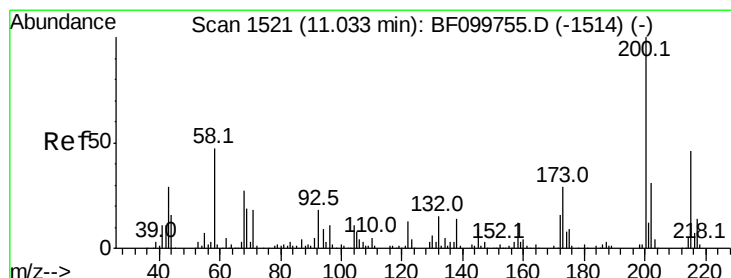
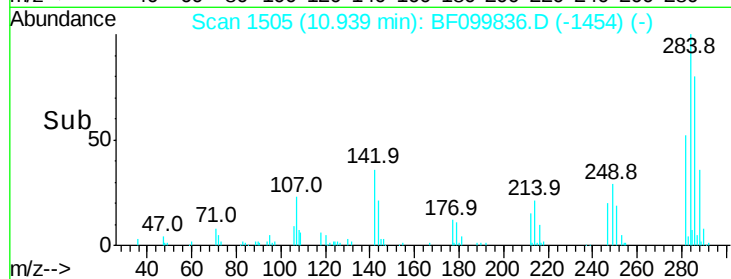
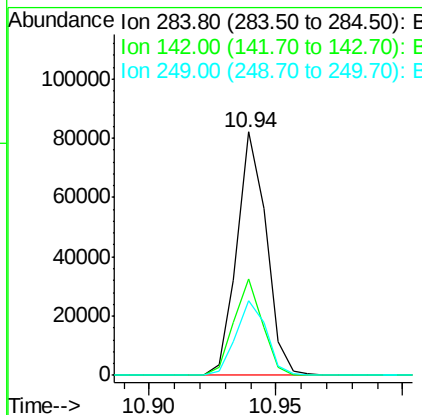
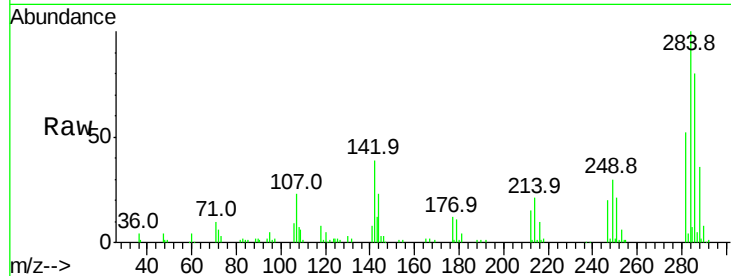




#67
Hexachlorobenzene
Concen: 28.479 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

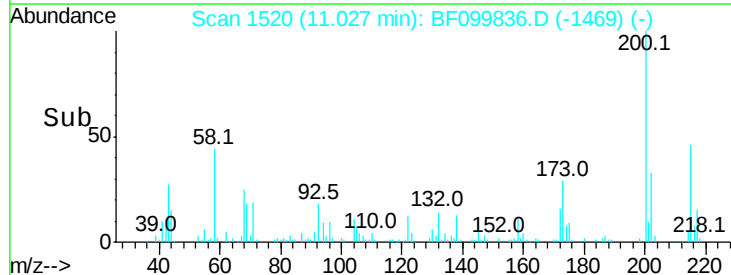
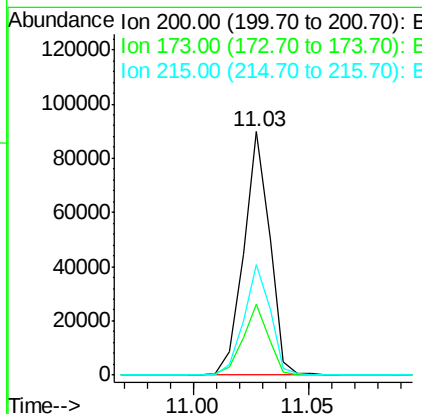
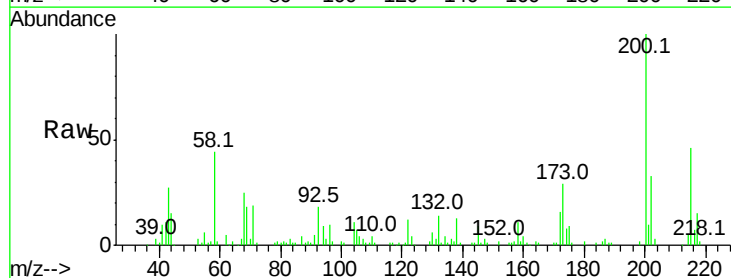
Instrument :
BNA_F
ClientSampled :

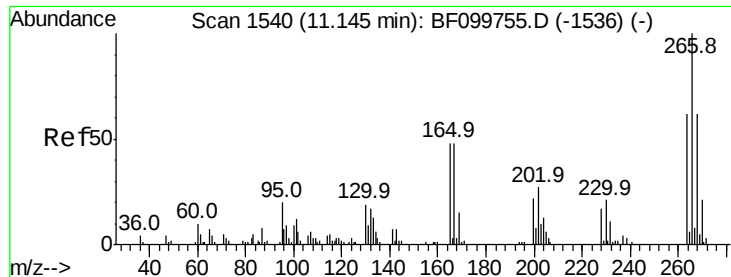
Tot Ion:284 Resp: 66143
Ion Ratio Lower Upper
284 100
142 39.5 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 29.516 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:200 Resp: 70578
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 45.6 25.1 65.1

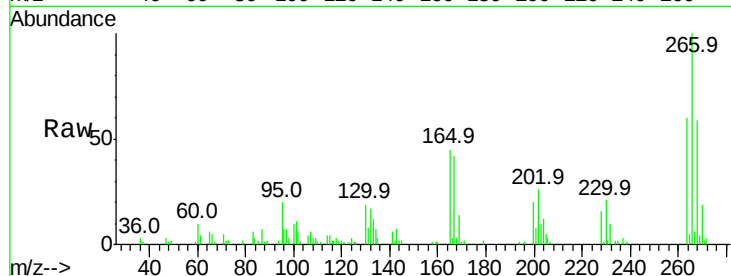




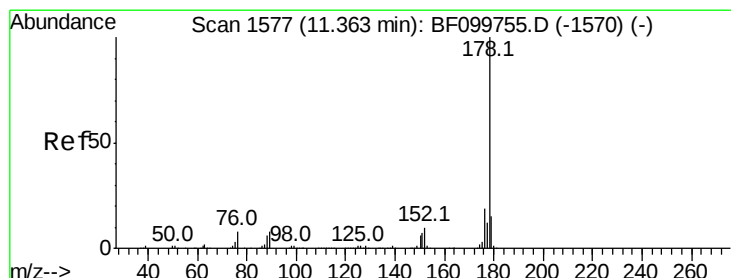
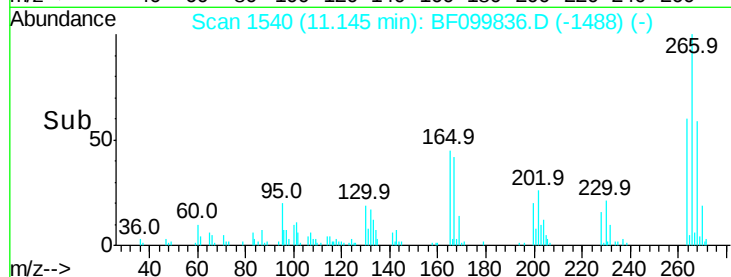
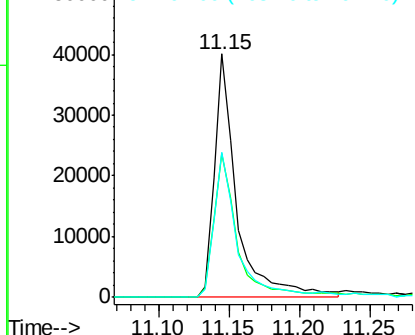
#69
 Pentachlorophenol
 Concen: 44.770 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 44430
 Ion Ratio Lower Upper
 266 100
 268 59.2 51.1 76.7
 264 59.5 49.5 74.3

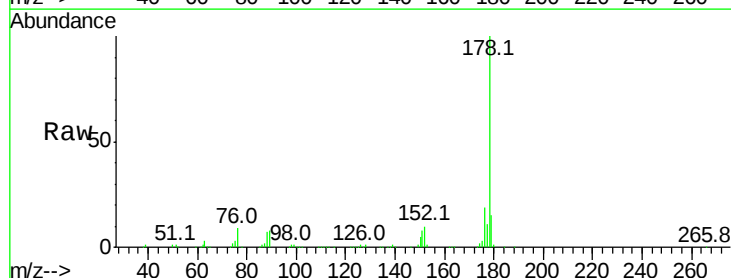


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

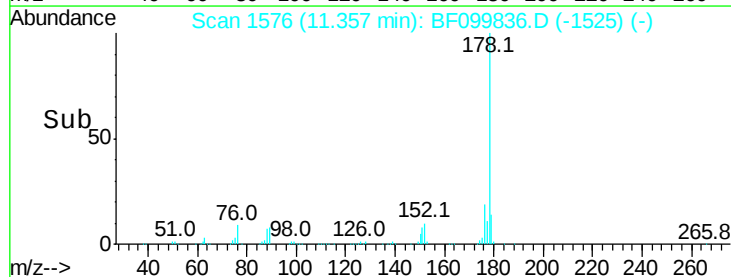
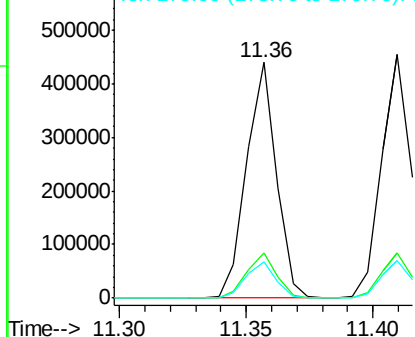


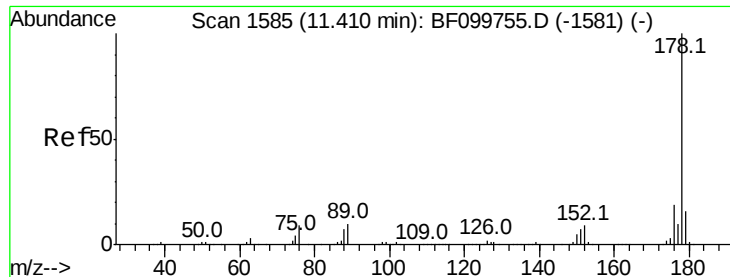
#70
 Phenanthrene
 Concen: 29.790 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:178 Resp: 362530
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.2 13.0 19.6



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





#71

Anthracene

Concen: 30.178 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

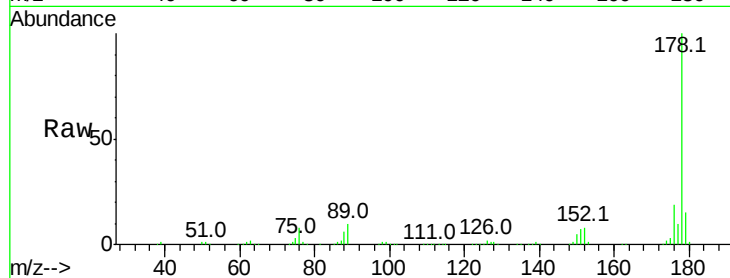
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 372786

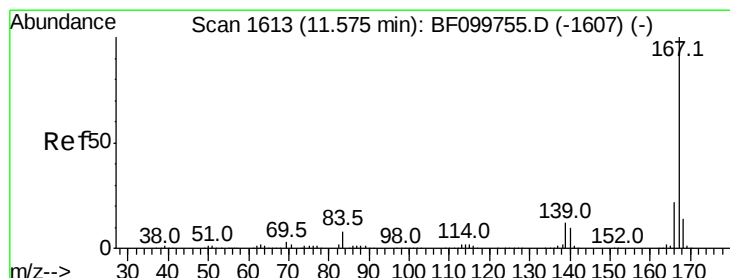
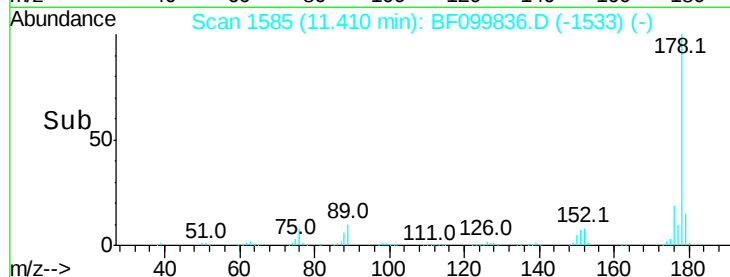
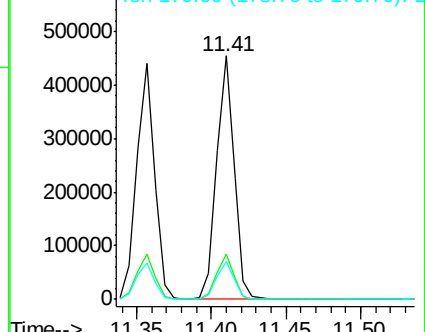
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.006 ng

RT: 11.57 min Scan# 1612

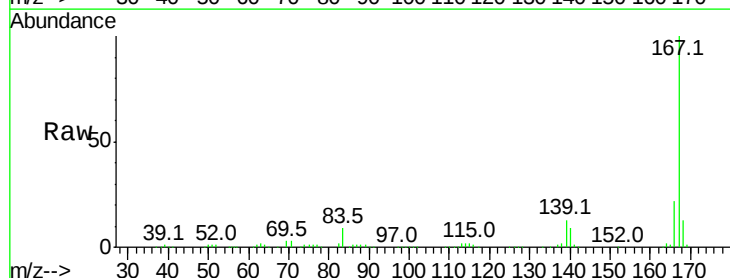
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion:167 Resp: 348566

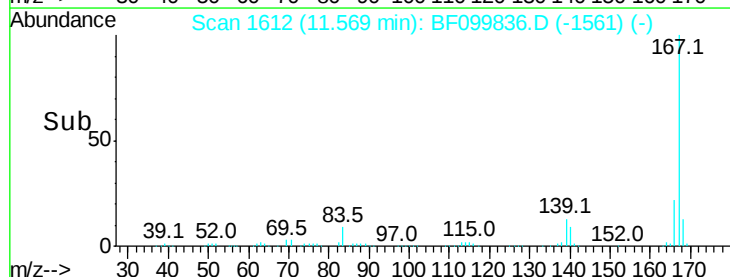
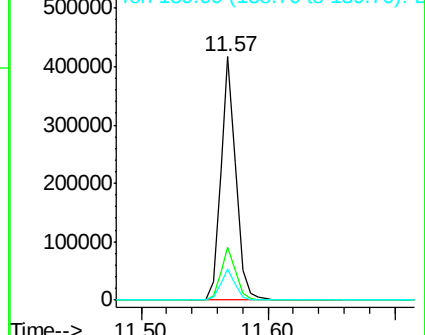
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.6	10.9	16.3

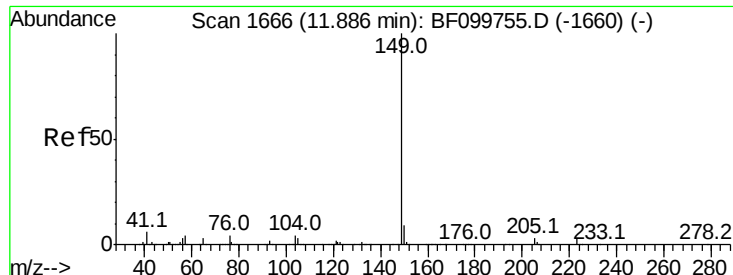


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.985 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

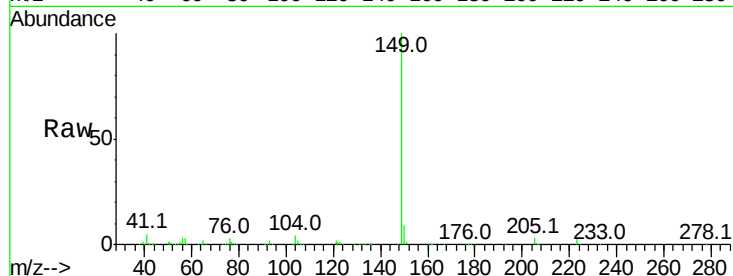
Tot Ion:149 Resp: 429460

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

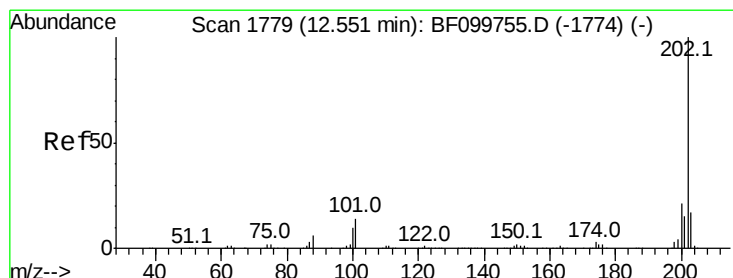
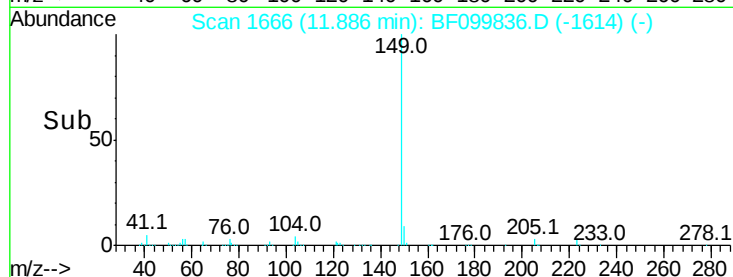
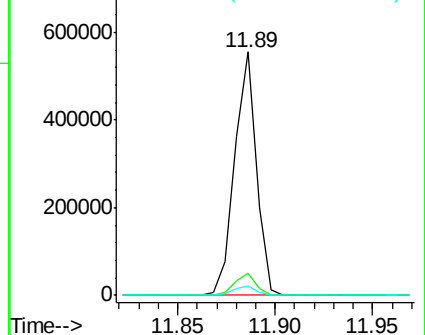
104 3.7 3.8 5.8#



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: 29.254 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

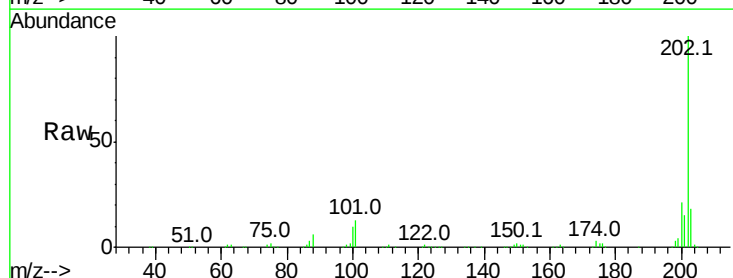
Tgt Ion:202 Resp: 369975

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

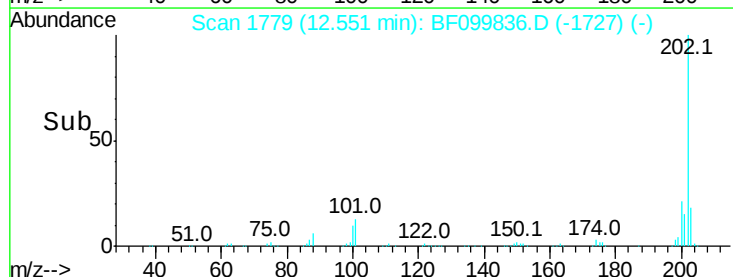
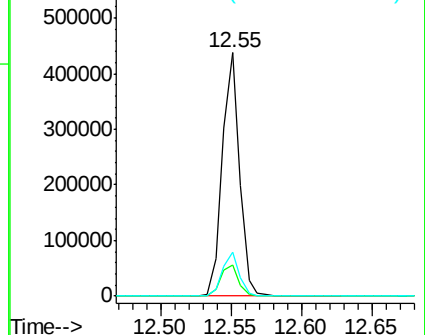
203 18.0 0.0 38.1

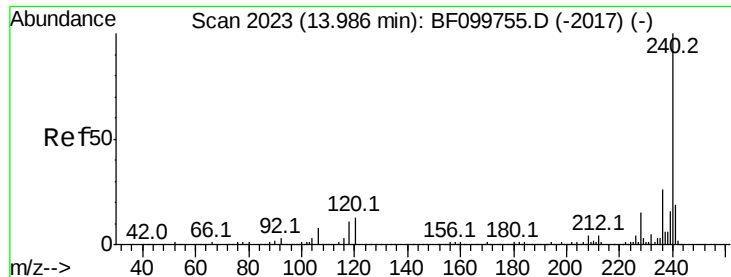


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

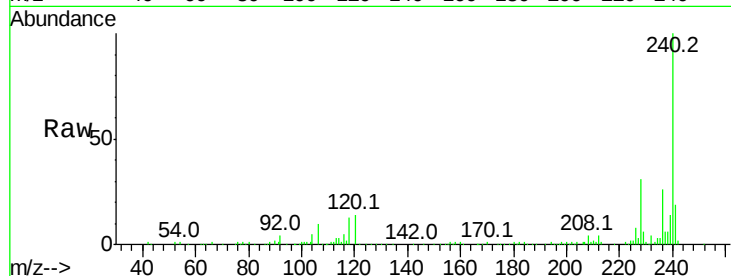
Tot Ion:240 Resp: 168155

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

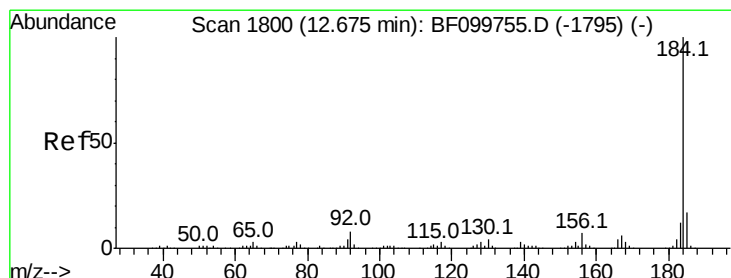
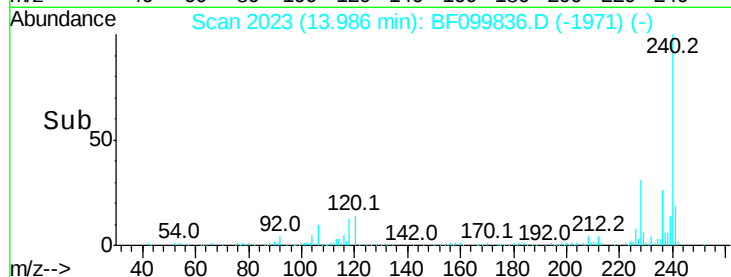
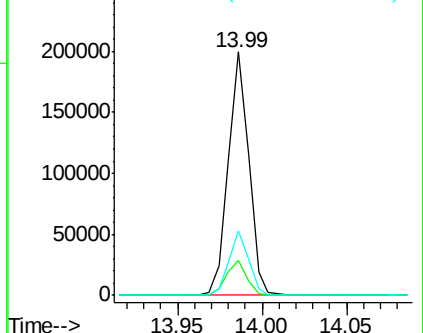
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.952 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

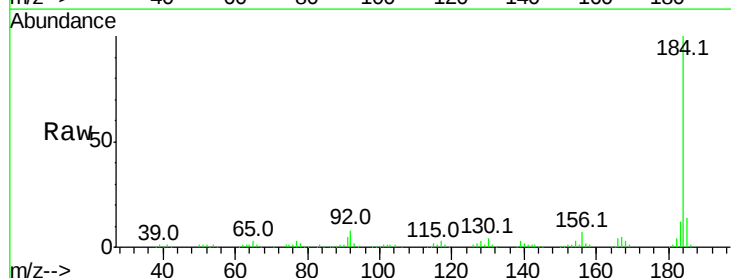
Tgt Ion:184 Resp: 205674

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

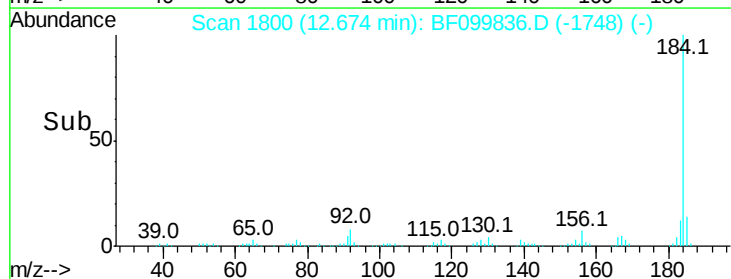
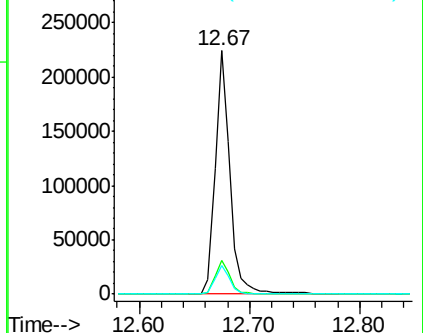
183 11.9 9.3 13.9

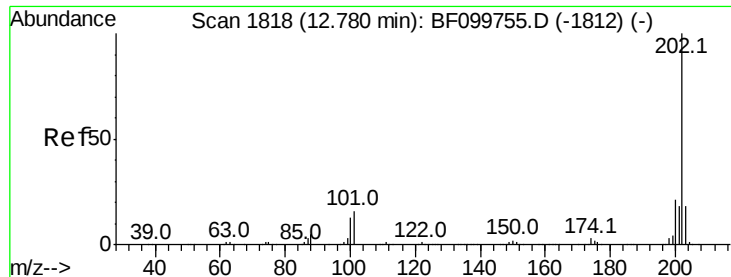


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

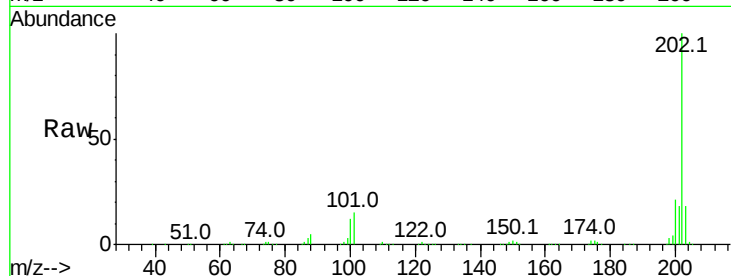




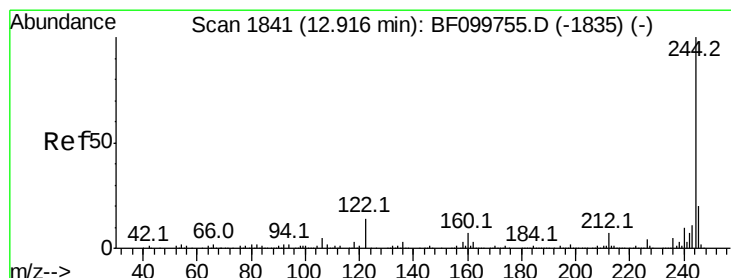
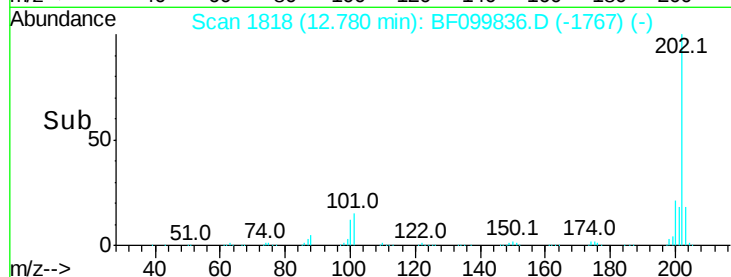
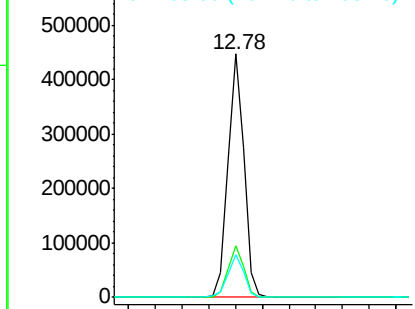
#77
Pvrene
Concen: 29.851 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 381692
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.6 14.3 21.5

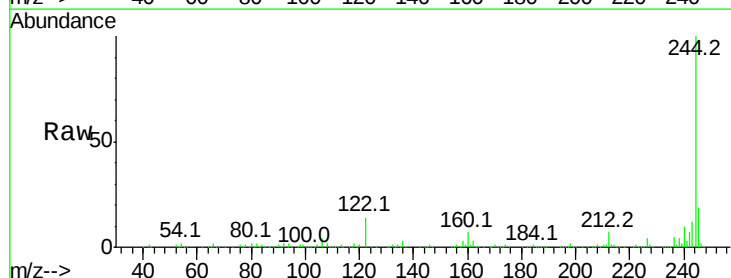


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

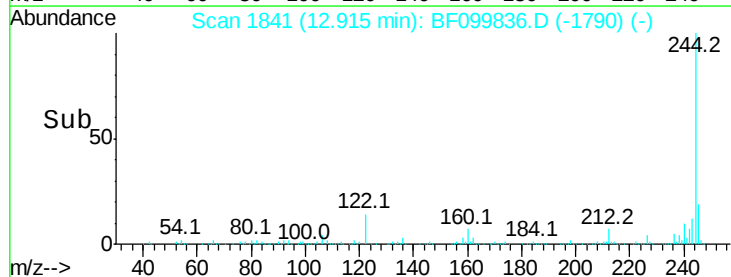
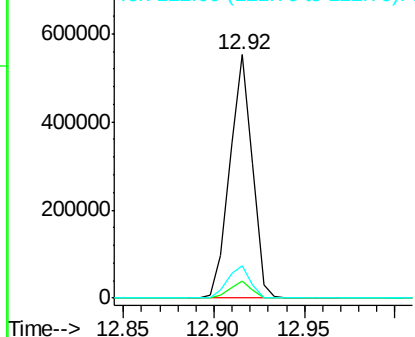


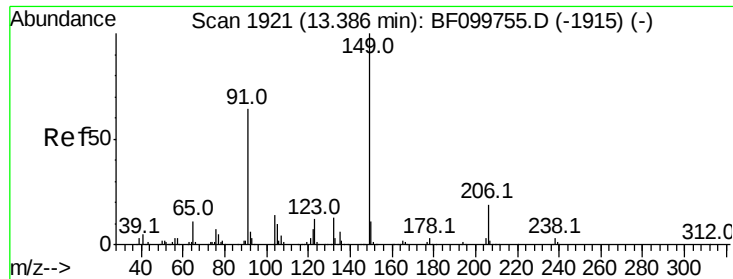
#78
Terphenyl-d14
Concen: 62.011 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:244 Resp: 477145
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.5 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

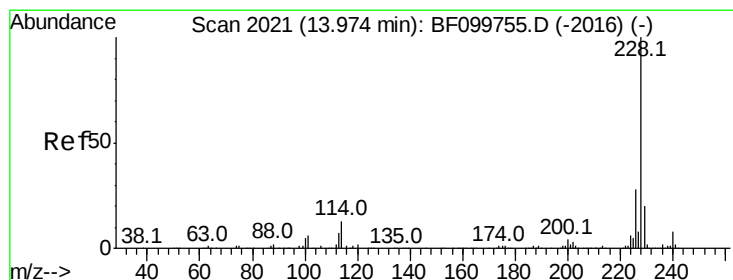
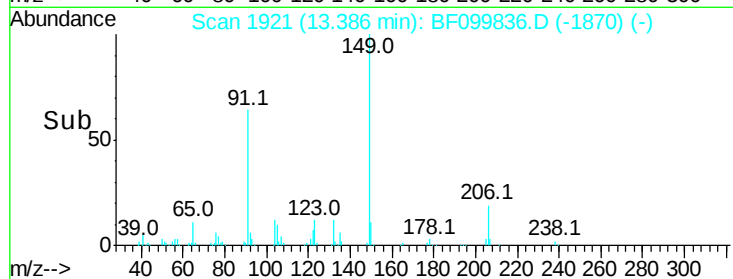
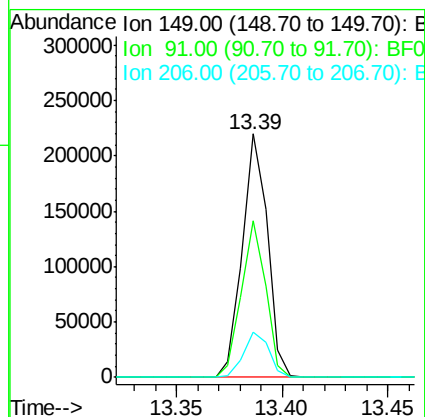
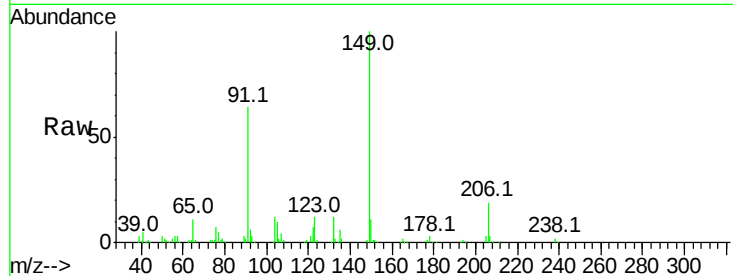




#79
 Butylbenzylphthalate
 Concen: 28.672 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

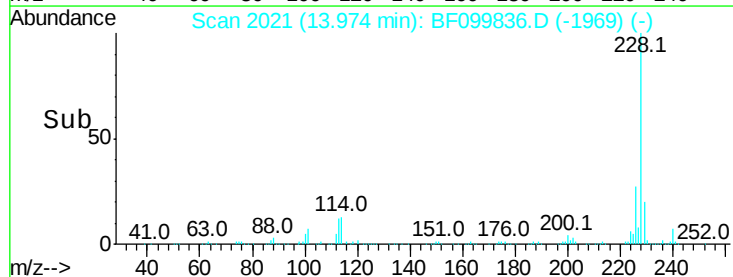
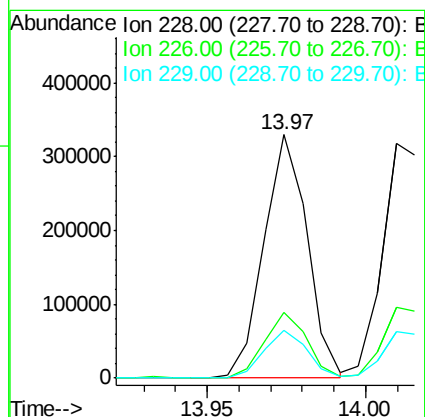
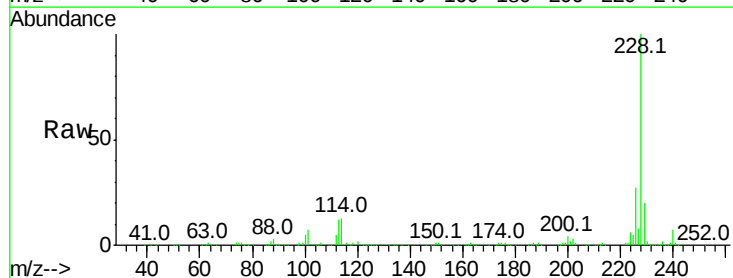
Instrument :
 BNA_F
 ClientSampleID :

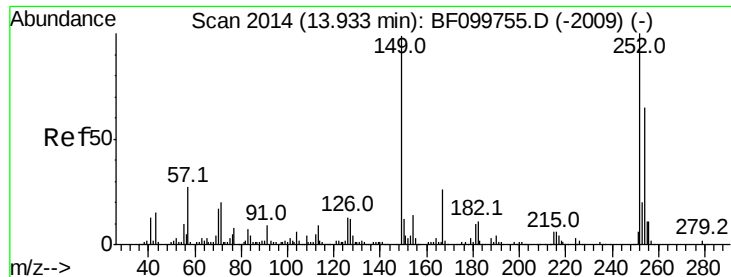
Tot Ion:	149	Resp:	180530
Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.8	85.2
206	18.8	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 29.396 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:	228	Resp:	313363
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.8	15.8	23.6

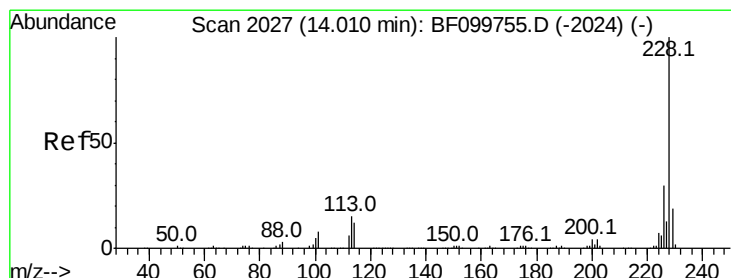
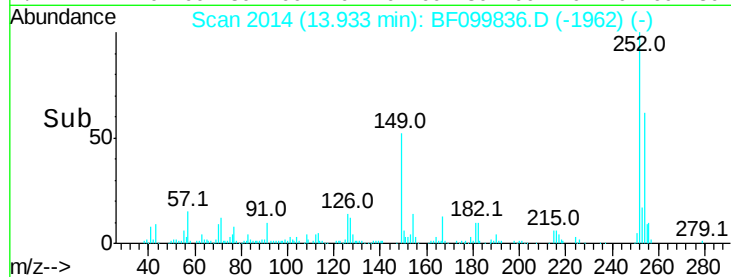
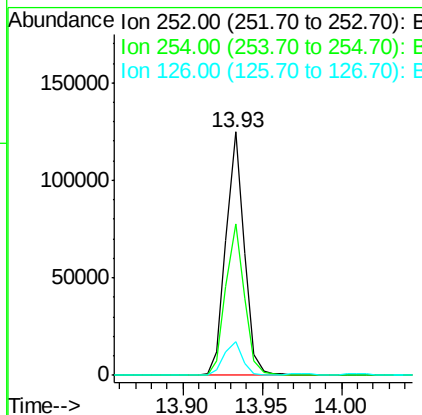
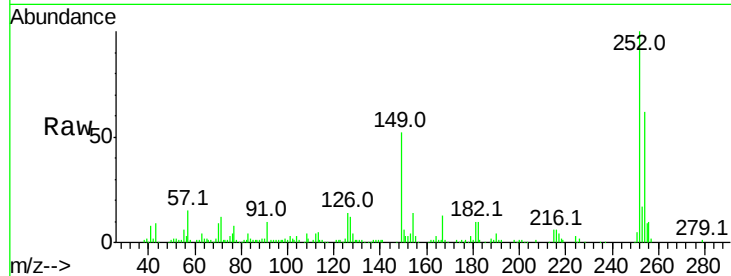




#81
 3,3'-Dichlorobenzidine
 Concen: 26.019 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

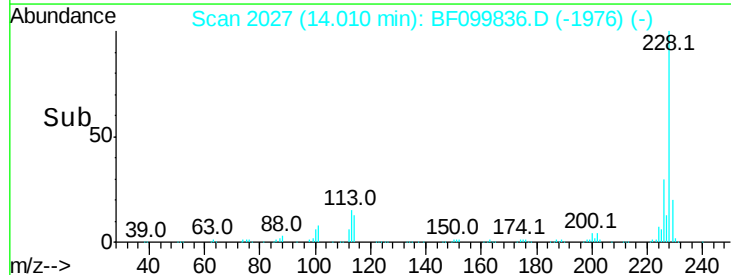
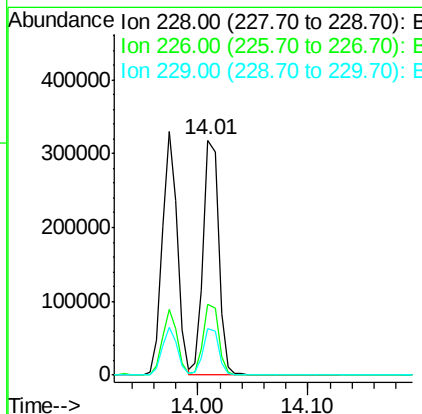
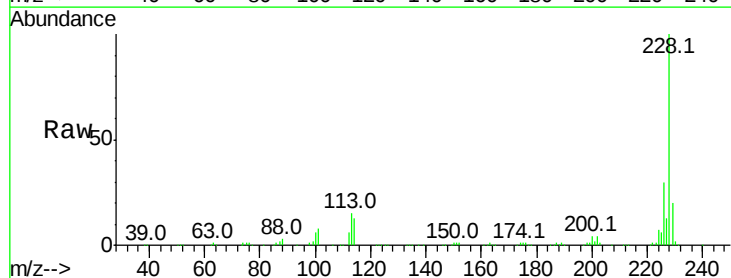
Instrument :
 BNA_F
 ClientSampleId :

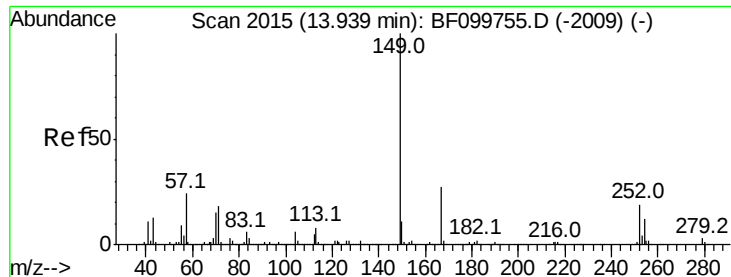
Tot Ion:	252	Resp:	100680
Ion Ratio		Lower	Upper
252	100		
254	62.2	50.4	75.6
126	13.8	11.3	16.9



#82
 Chrysene
 Concen: 30.289 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion:	228	Resp:	303543
Ion Ratio		Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.7	16.2	24.4

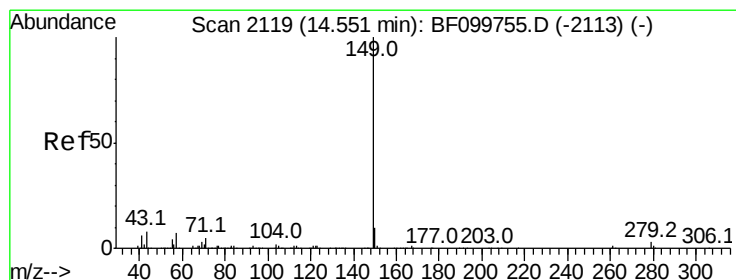
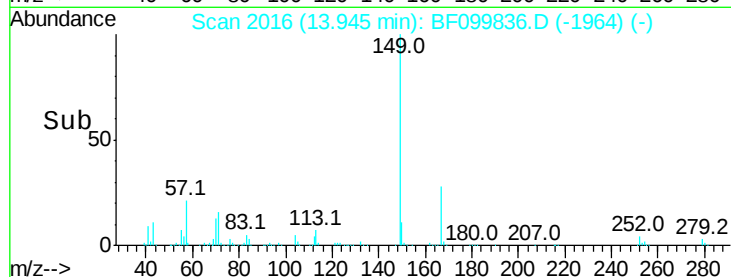
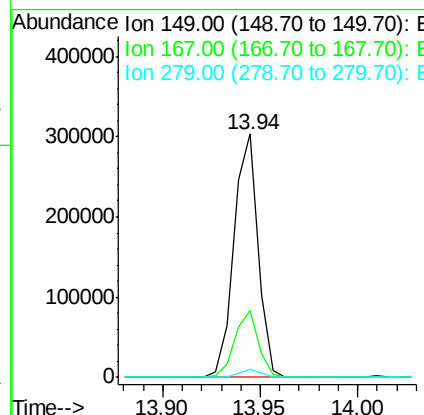
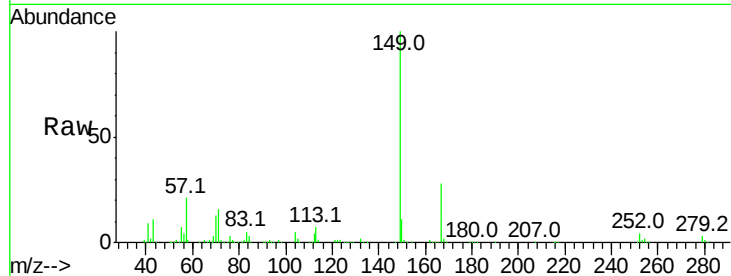




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.464 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

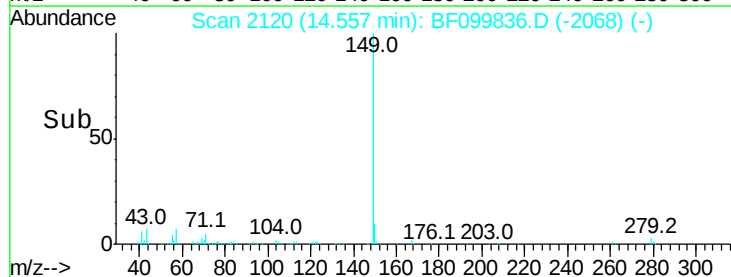
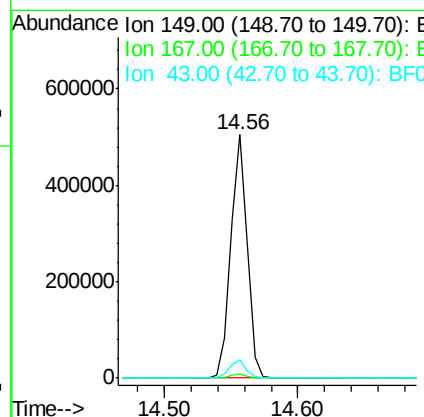
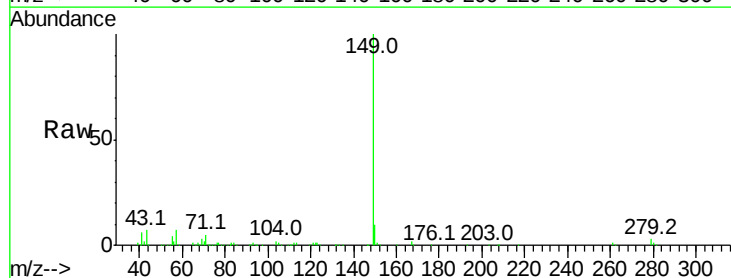
Instrument :
 BNA_F
 ClientSampleId :

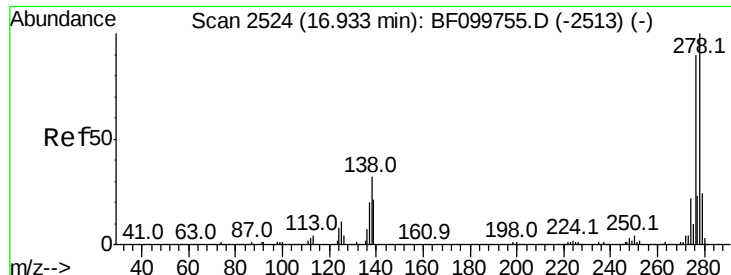
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 29.024 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.4	8.4	12.6

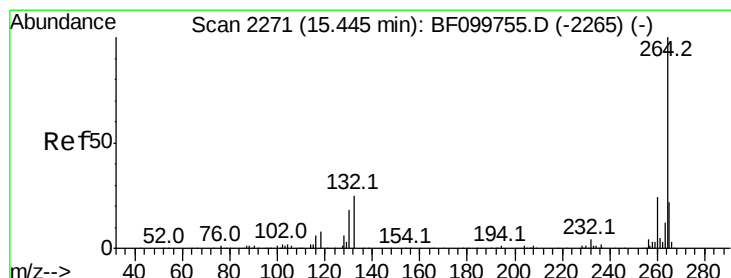
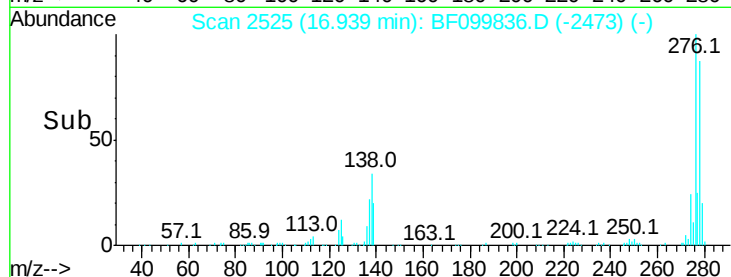
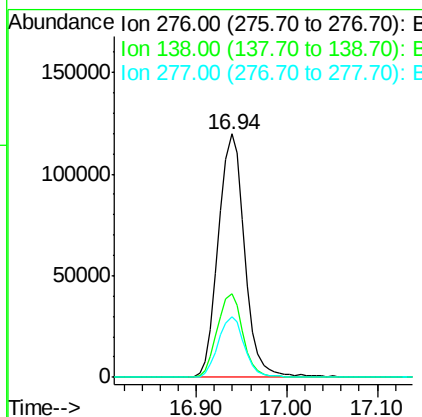
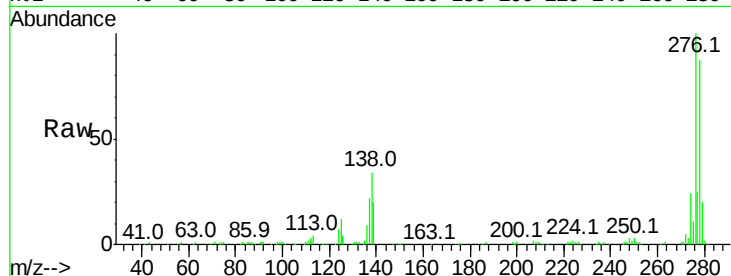




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.236 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

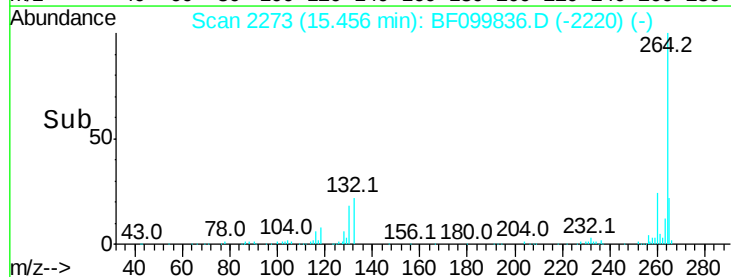
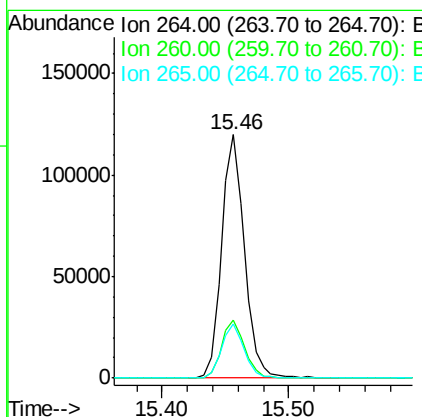
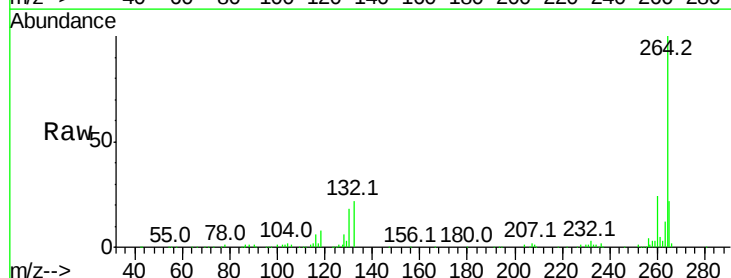
Instrument :
 BNA_F
 ClientSampleId :

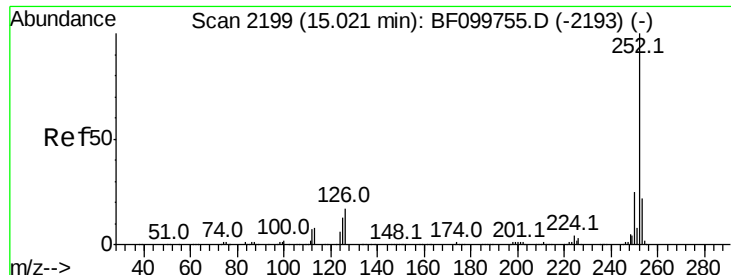
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099836.D
 Acq: 26 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

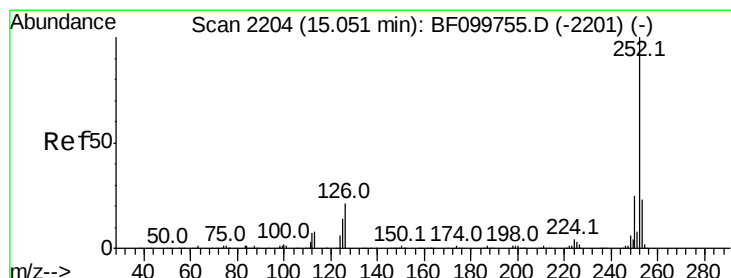
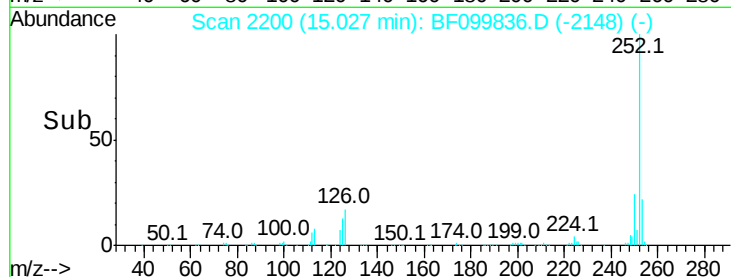
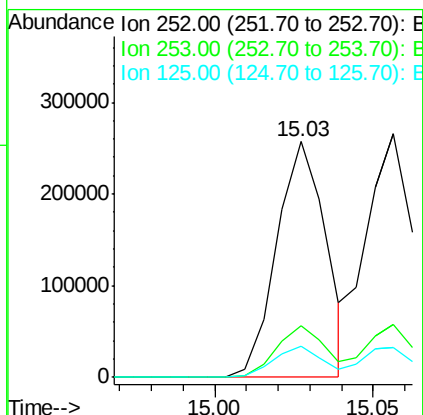
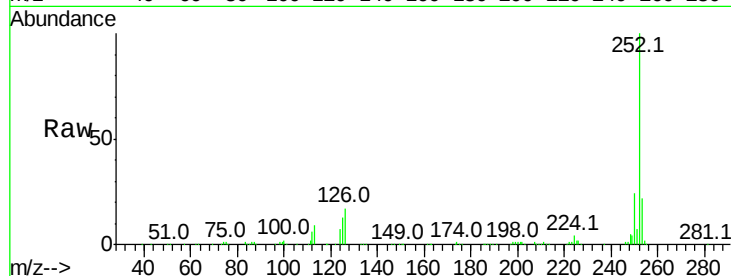




#87
Benzo(b)fluoranthene
Concen: 29.498 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

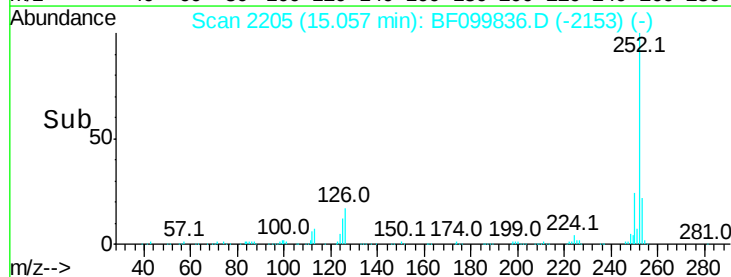
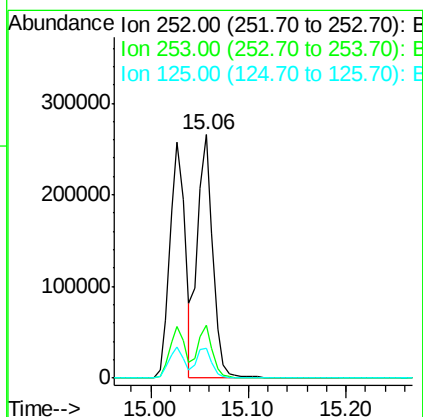
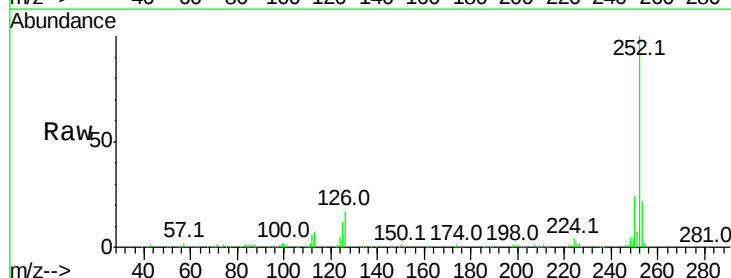
Instrument :
BNA_F
ClientSampleId :

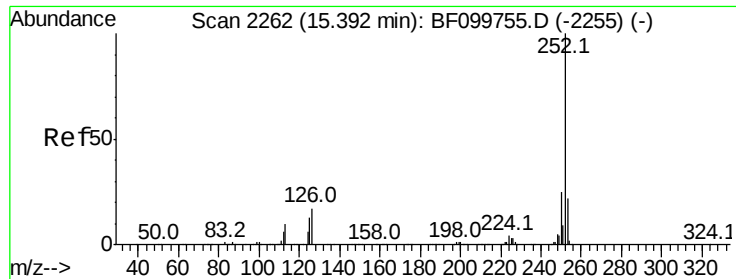
Tot Ion:252 Resp: 278891
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.410 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099836.D
Acq: 26 Oct 2017 2:54

Tgt Ion:252 Resp: 288939
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 31.393 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

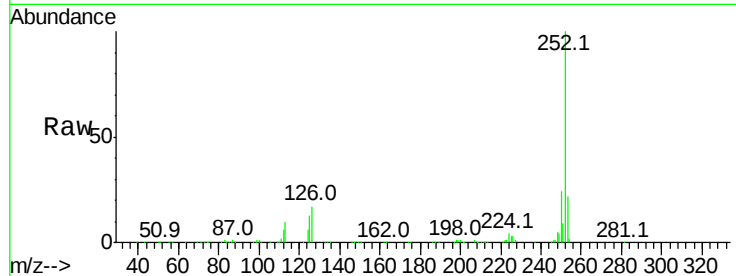
Tot Ion:252 Resp: 266612

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

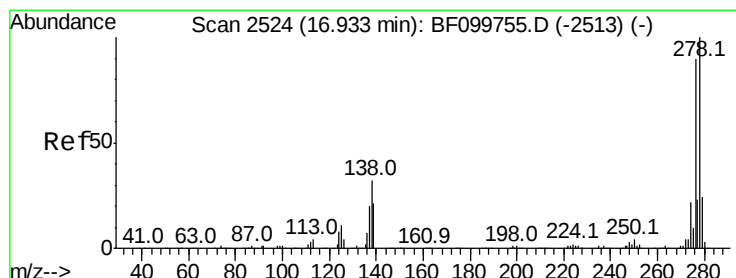
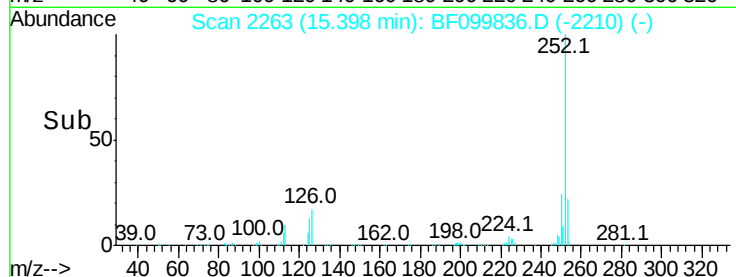
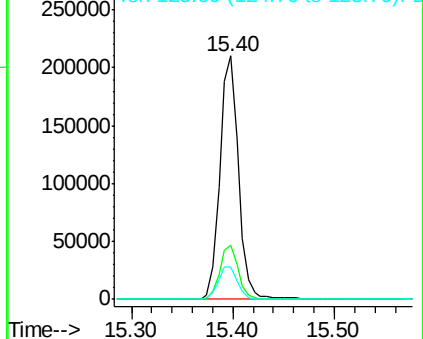
125 13.2 9.8 14.6



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: 27.342 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

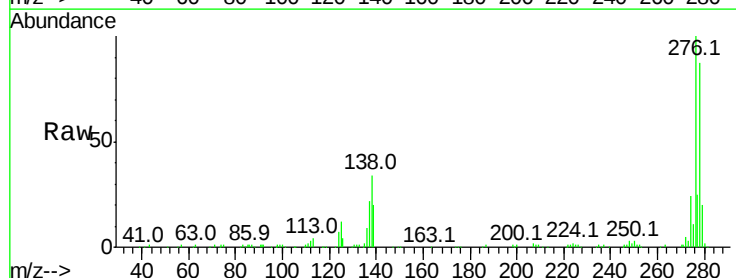
Tgt Ion:278 Resp: 206333

Ion Ratio Lower Upper

278 100

139 23.5 15.9 23.9

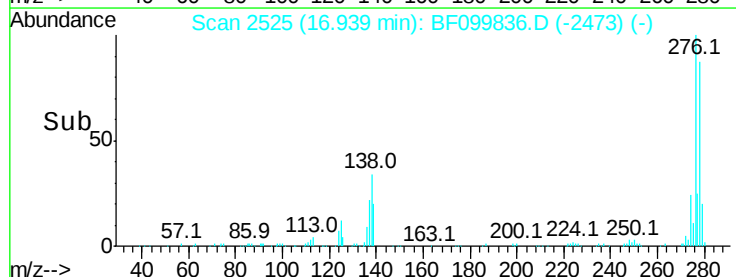
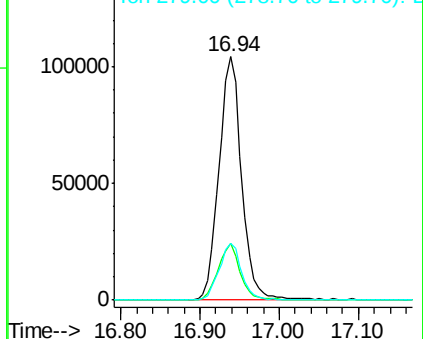
279 23.1 19.0 28.4

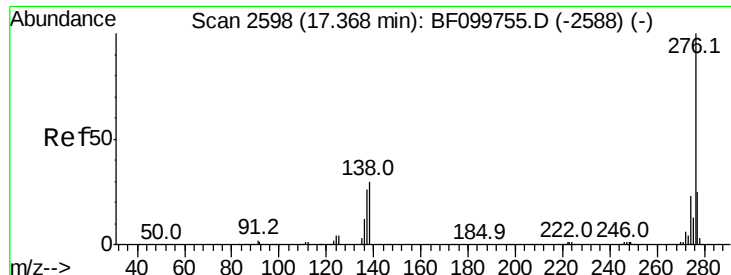


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 25.735 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

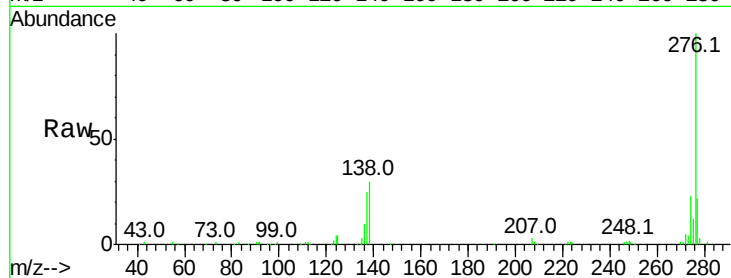
Tot Ion: 276 Resp: 189999

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 30.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

