

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099823.D
 Acq On : 25 Oct 2017 19:51
 Operator : SJ/JU
 Sample : PB103580BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:35:42 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	69706	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	292079	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	132717	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	234510	20.00	ng	0.00
75) Chrysene-d12	13.99	240	167642	20.00	ng	0.00
86) Perylene-d12	15.46	264	151897	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	439294	98.94	ng	0.00
7) Phenol-d6	6.44	99	513398	97.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	289697	63.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	114107	94.34	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	625893	72.76	ng	0.00
78) Terphenyl-d14	12.92	244	529672	69.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	56546	28.840	ng	# 89
3) Pyridine	3.35	79	136653	28.983	ng	# 87
4) n-Nitrosodimethylamine	3.27	42	50733	30.119	ng	# 77
6) Aniline	6.46	93	103198	15.118	ng	# 91
8) 2-Chlorophenol	6.58	128	160626	33.944	ng	94
9) Benzaldehyde	6.35	77	86726	27.568	ng	92
10) Phenol	6.45	94	190161	32.899	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	143667	32.187	ng	94
12) 1,3-Dichlorobenzene	6.81	146	172764	32.516	ng	97
13) 1,4-Dichlorobenzene	6.81	146	172764	32.038	ng	97
14) 1,2-Dichlorobenzene	6.96	146	165143	33.602	ng	97
15) Benzyl Alcohol	6.95	79	114414	34.173	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	184900	37.291	ng	75
17) 2-Methylphenol	7.06	107	128225	32.395	ng	96
18) Hexachloroethane	7.30	117	55274	30.724	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	98284	31.857	ng	92
20) 3+4-Methylphenols	7.21	107	165162	35.835	ng	# 61
22) Acetophenone	7.20	105	208574	31.363	ng	# 94
24) Nitrobenzene	7.38	77	146139	31.969	ng	92
25) Isophorone	7.62	82	277530	33.712	ng	97
26) 2-Nitrophenol	7.70	139	85358	32.602	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	142877	37.037	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	186414	32.333	ng	100
29) 2,4-Dichlorophenol	7.95	162	135238	33.747	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	137933	32.214	ng	98
31) Naphthalene	8.10	128	456084	32.349	ng	99
32) Benzoic acid	7.87	122	66337	19.537	ng	96
33) 4-Chloroaniline	8.16	127	73249	12.582	ng	95
34) Hexachlorobutadiene	8.21	225	69891	31.734	ng	97
35) Caprolactam	8.53	113	41470	32.907	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	132650	32.431	ng	89
37) 2-Methylnaphthalene	8.79	142	318465	33.706	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126853	29.594	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	6700	18.921	ng	94

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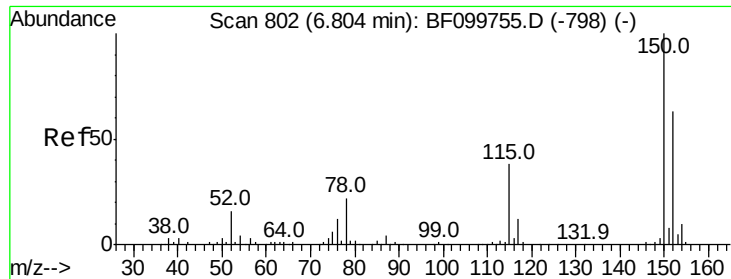
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:35:42 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)

42) 2,4,6-Trichlorophenol	9.08	196	86832	33.490	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	90692	32.962	ng	93
45) 1,1'-Biphenyl	9.26	154	366844	30.555	ng	98
46) 2-Chloronaphthalene	9.29	162	286185	32.822	ng	96
47) 2-Nitroaniline	9.39	65	73146	31.963	ng	87
48) Acenaphthylene	9.70	152	423485	31.534	ng	100
49) Dimethylphthalate	9.56	163	336447	32.012	ng	99
50) 2,6-Dinitrotoluene	9.63	165	72600	32.859	ng	# 82
51) Acenaphthene	9.87	154	255525	31.140	ng	99
52) 3-Nitroaniline	9.80	138	51727	19.869	ng	92
53) 2,4-Dinitrophenol	9.93	184	11136	17.607	ng	# 79
54) Dibenzofuran	10.05	168	379372	32.753	ng	97
55) 4-Nitrophenol	9.99	139	82867	60.919	ng	82
56) 2,4-Dinitrotoluene	10.05	165	88002	33.073	ng	95
57) Fluorene	10.39	166	303959	31.694	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	64445	33.406	ng	96
59) Diethylphthalate	10.26	149	320186	31.196	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	142209	31.507	ng	89
61) 4-Nitroaniline	10.43	138	64731	26.061	ng	81
62) Azobenzene	10.54	77	267274	31.065	ng	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	14578	9.889	ng	85
65) n-Nitrosodiphenylamine	10.50	169	268247	30.987	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	80102	32.445	ng	91
67) Hexachlorobenzene	10.94	284	78455	31.062	ng	95
68) Atrazine	11.03	200	83525	32.120	ng	98
69) Pentachlorophenol	11.15	266	58498	54.202	ng	98
70) Phenanthrene	11.36	178	427095	32.271	ng	98
71) Anthracene	11.41	178	437253	32.549	ng	99
72) Carbazole	11.57	167	406915	32.211	ng	99
73) Di-n-butylphthalate	11.89	149	515932	32.020	ng	98
74) Fluoranthene	12.55	202	431154	31.348	ng	96
76) Benzidine	12.67	184	236480	32.238	ng	98
77) Pyrene	12.78	202	426518	33.459	ng	99
79) Butylbenzylphthalate	13.39	149	209140	33.317	ng	94
80) Benzo(a)anthracene	13.97	228	334603	31.485	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	103695	26.880	ng	98
82) Chrysene	14.01	228	321544	32.183	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	295385	33.509	ng	98
84) Di-n-octyl phthalate	14.56	149	477634	31.569	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	254097	27.703	ng	96
87) Benzo(b)fluoranthene	15.03	252	299515	31.227	ng	98
88) Benzo(k)fluoranthene	15.06	252	306685	33.908	ng	99
89) Benzo(a)pyrene	15.40	252	289188	33.564	ng	99
90) Dibenzo(a,h)anthracene	16.94	278	220061	28.744	ng	98
91) Benzo(g,h,i)perylene	17.39	276	203982	27.234	ng	99

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

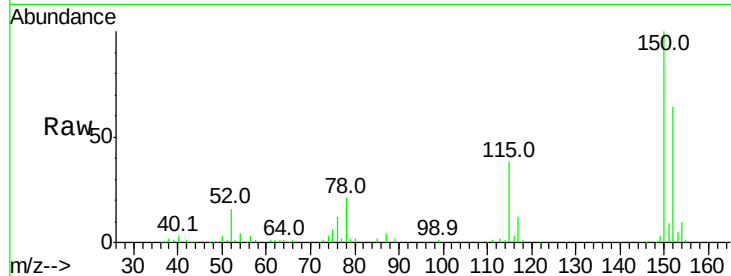


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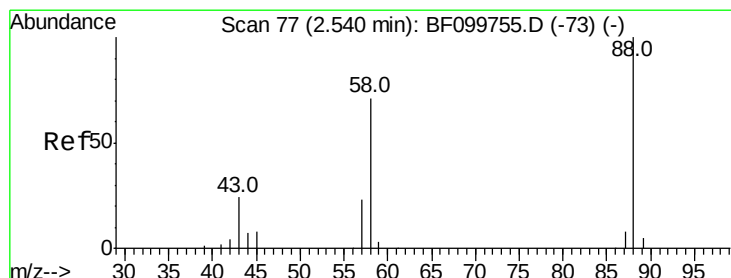
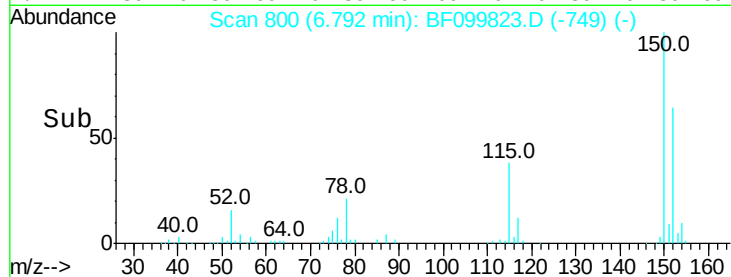
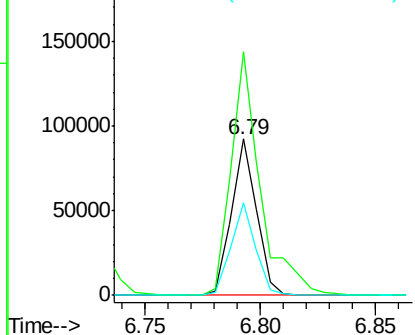
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69706
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.1 50.1 75.1



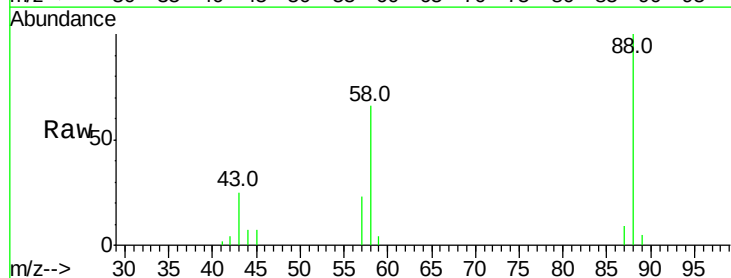
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



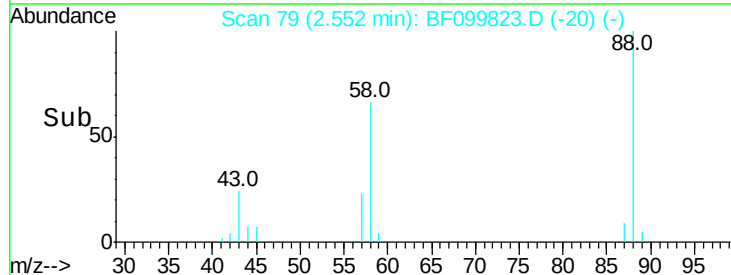
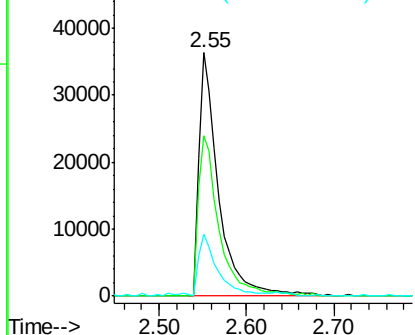
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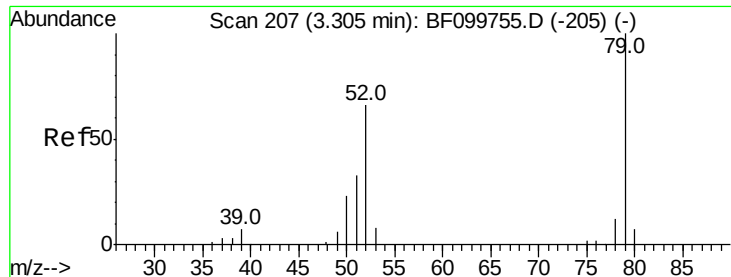
1,4-Dioxane
Concen: 28.840 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion: 88 Resp: 56546
Ion Ratio Lower Upper
88 100
58 69.7 62.6 93.8
43 22.9 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

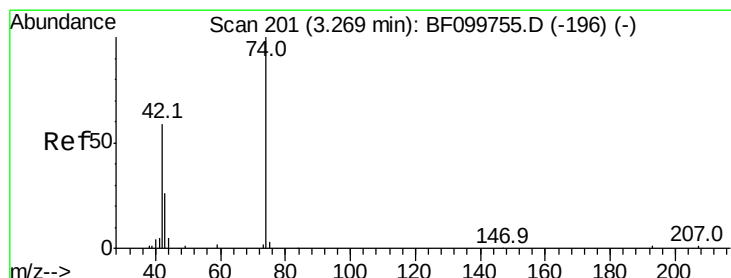
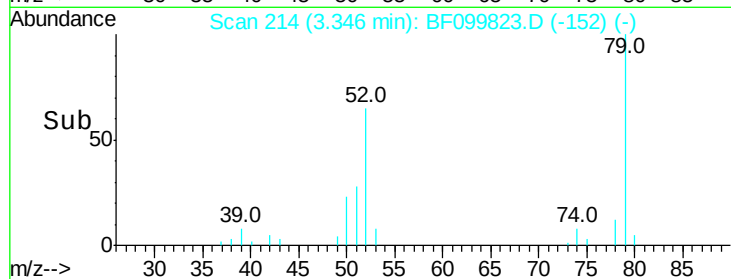
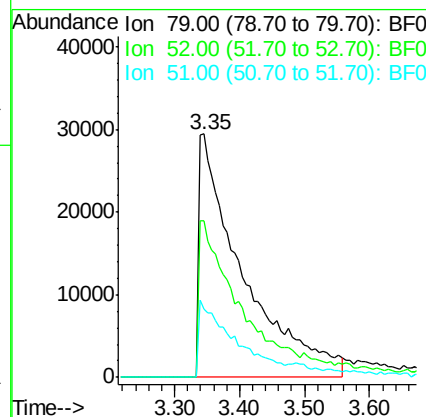
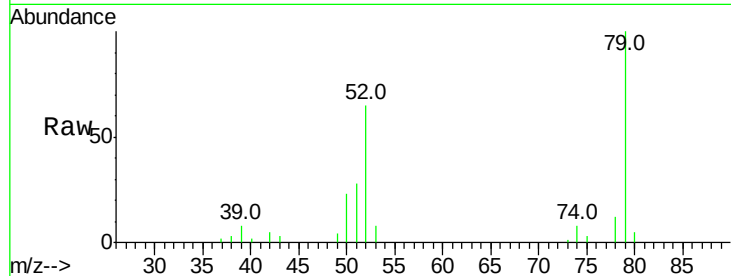




#3
 Pvridine
 Concen: 28.983 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

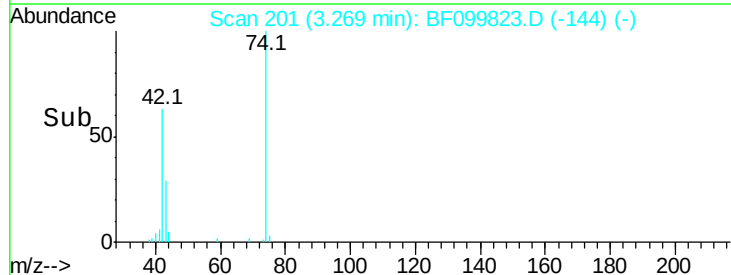
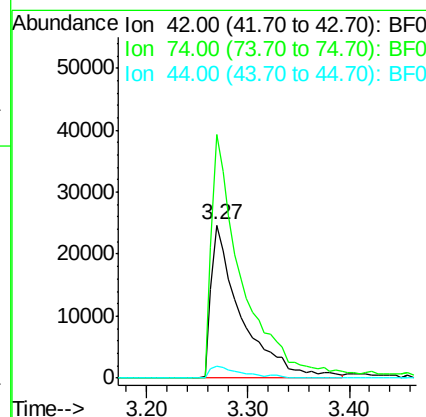
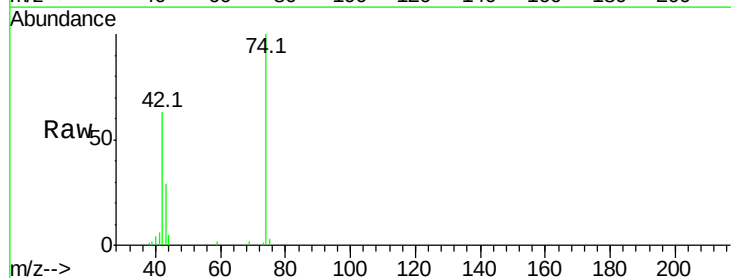
Instrument :
 BNA_F
 ClientSampled :

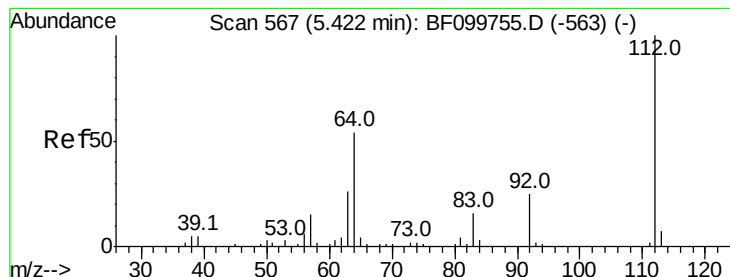
Tot Ion: 79 Resp: 136653
 Ion Ratio Lower Upper
 79 100
 52 64.5 59.8 89.6
 51 27.8 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 30.119 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.04 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion: 42 Resp: 50733
 Ion Ratio Lower Upper
 42 100
 74 159.1 104.9 157.3#
 44 7.7 6.9 10.3

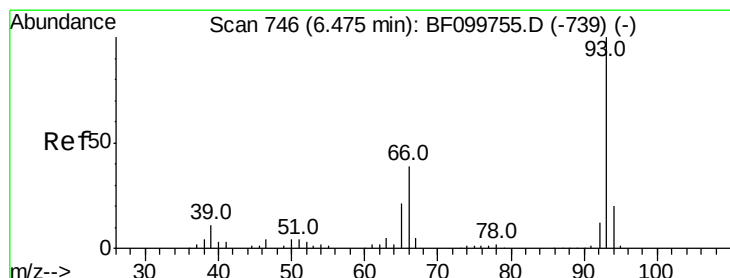
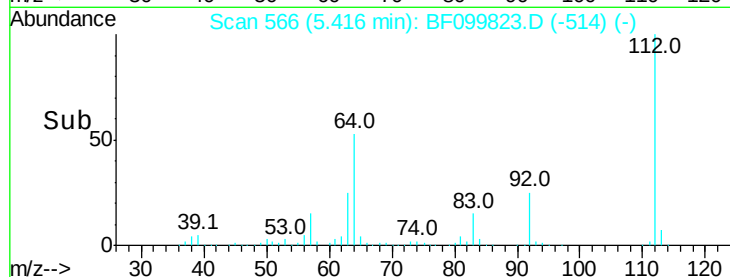
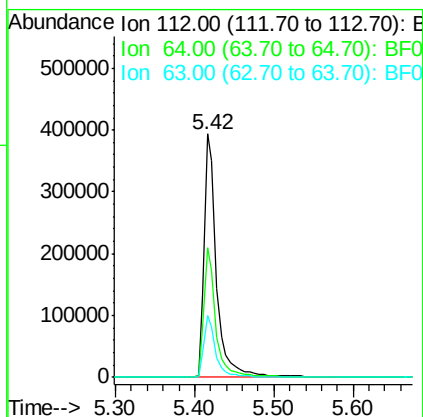
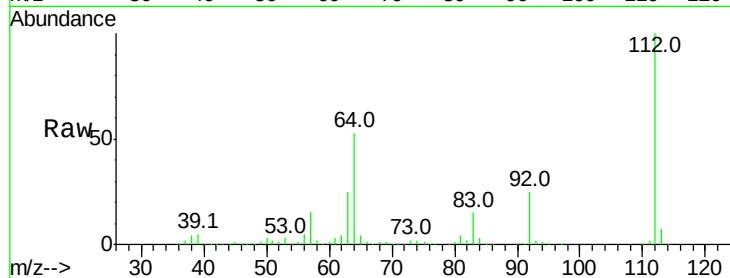




#5
 2-Fluorophenol
 Concen: 98.941 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

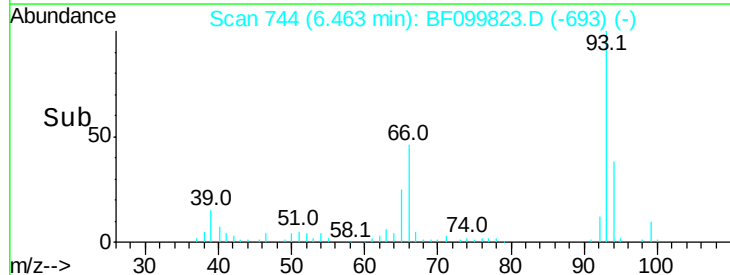
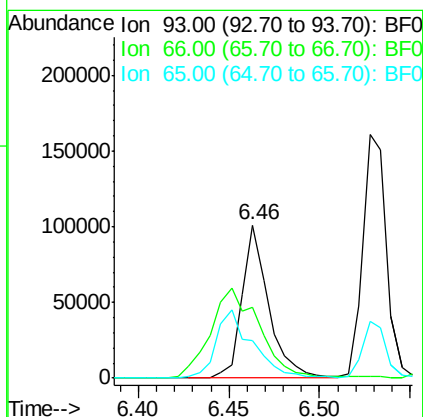
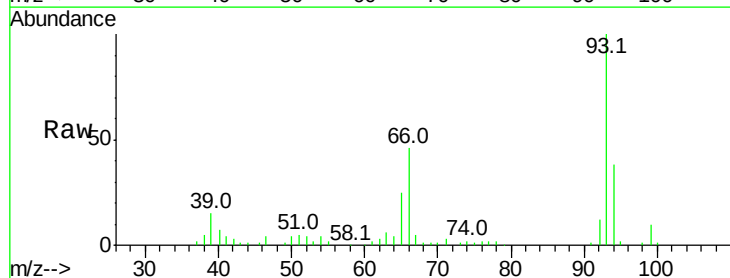
Instrument :
 BNA_F
 ClientSampleId :

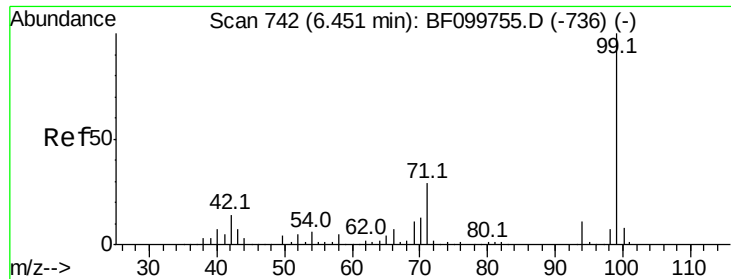
Tot Ion:112 Resp: 439294
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 25.2 23.7 35.5



#6
 Aniline
 Concen: 15.118 ng
 RT: 6.46 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion: 93 Resp: 103198
 Ion Ratio Lower Upper
 93 100
 66 46.2 32.2 48.2
 65 24.6 16.4 24.6#





#7

Phenol-d6

Concen: 97.520 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

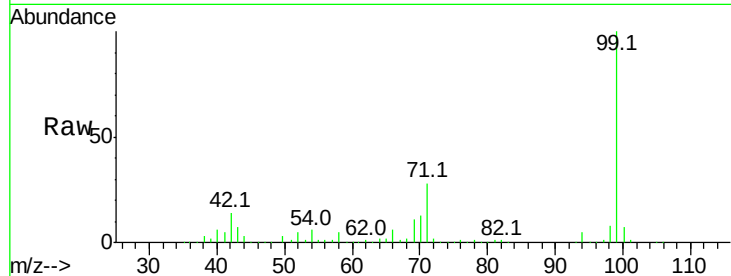
Tot Ion: 99 Resp: 513398

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

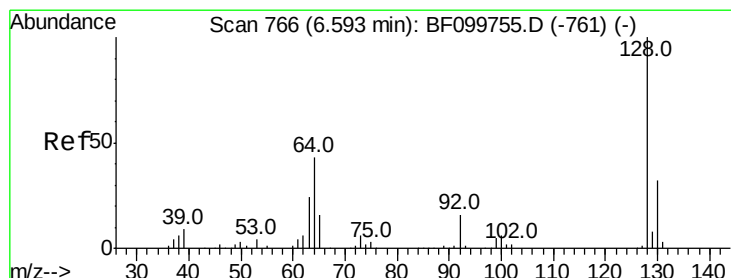
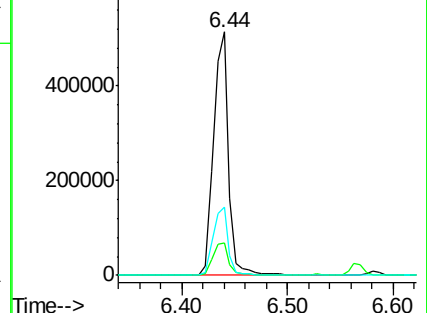
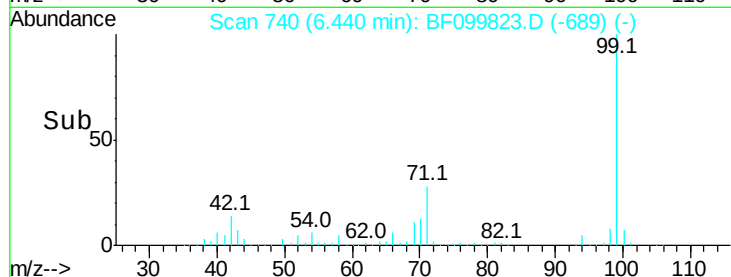
71 28.2 25.4 38.0



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: 33.944 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

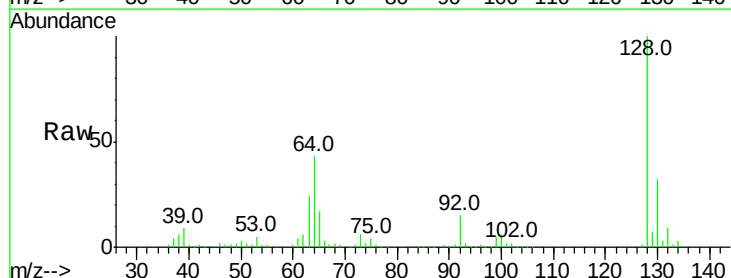
Tgt Ion: 128 Resp: 160626

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

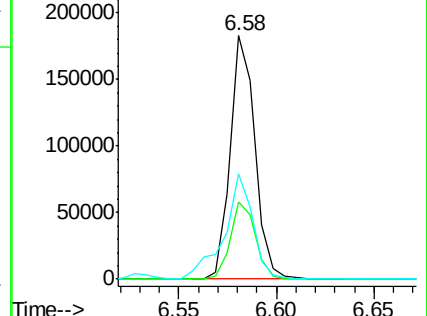
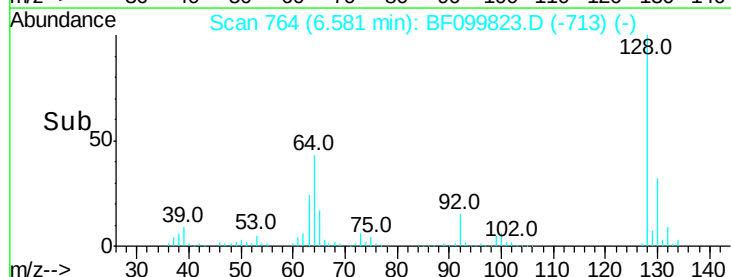
64 43.2 29.4 69.4

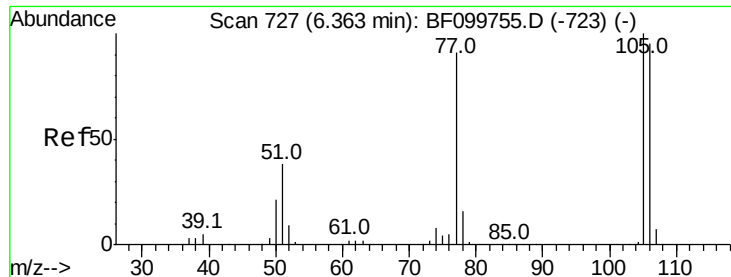


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

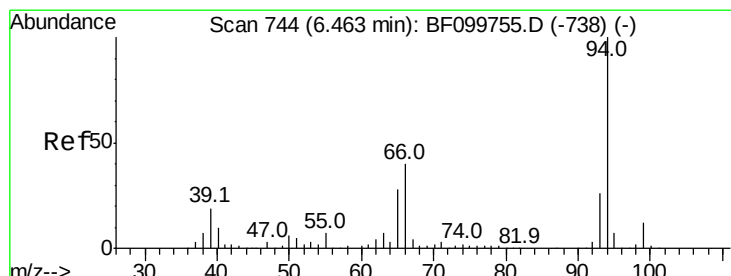
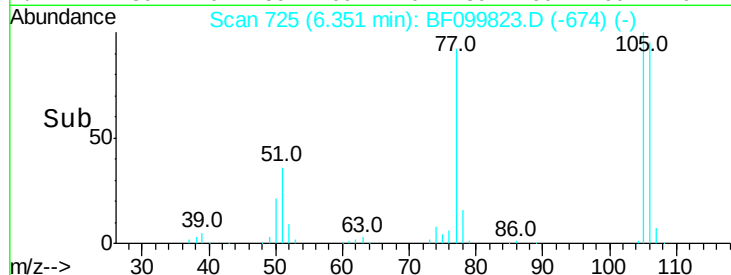
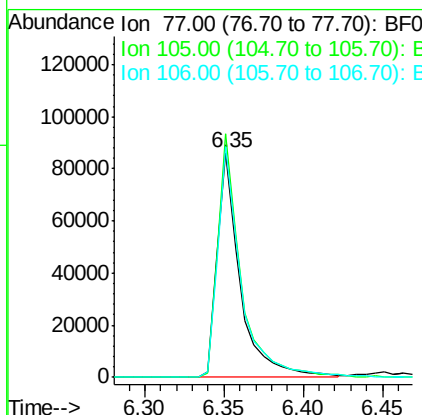
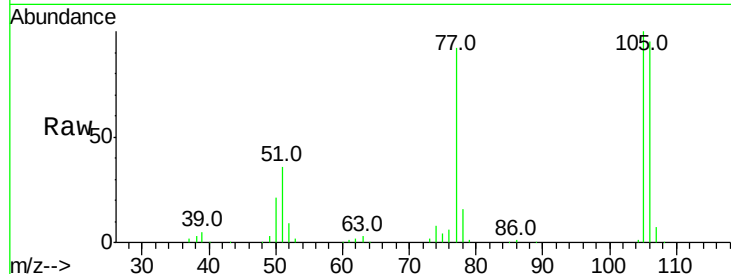




#9
Benzaldehyde
Concen: 27.568 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

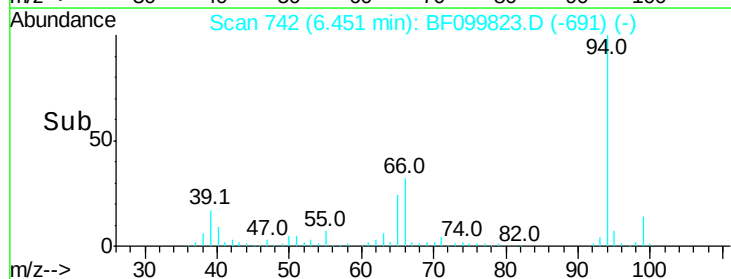
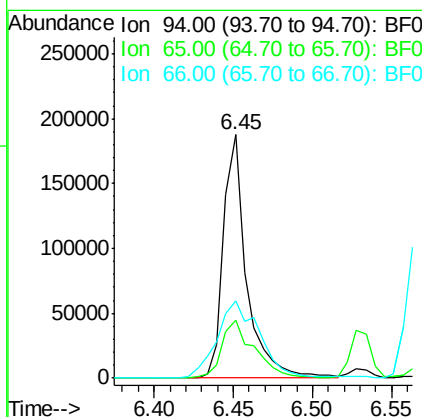
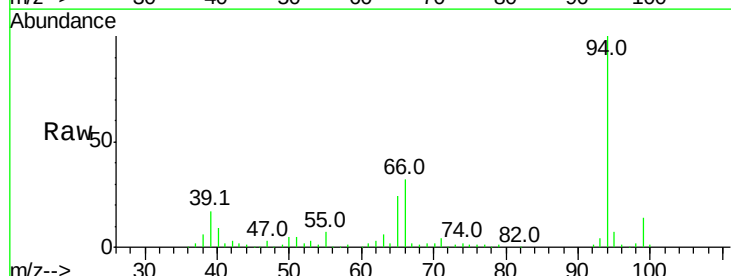
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BNA_F
ClientSampled :

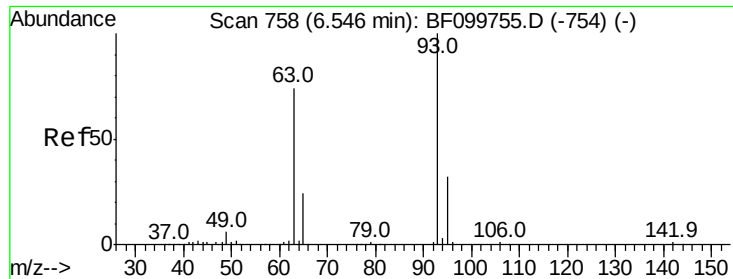
Tot Ion: 77 Resp: 86726
Ion Ratio Lower Upper
77 100
105 108.3 81.1 121.1
106 102.5 74.5 114.5



#10
Phenol
Concen: 32.899 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion: 94 Resp: 190161
Ion Ratio Lower Upper
94 100
65 24.0 7.9 47.9
66 31.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 32.187 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

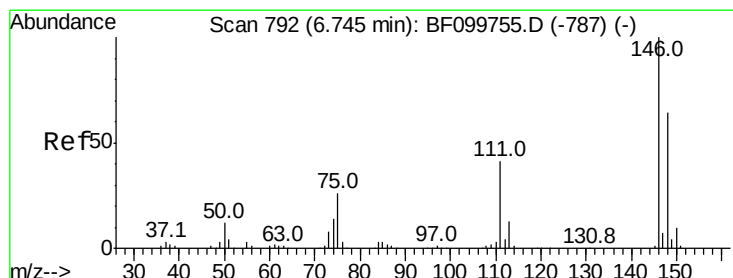
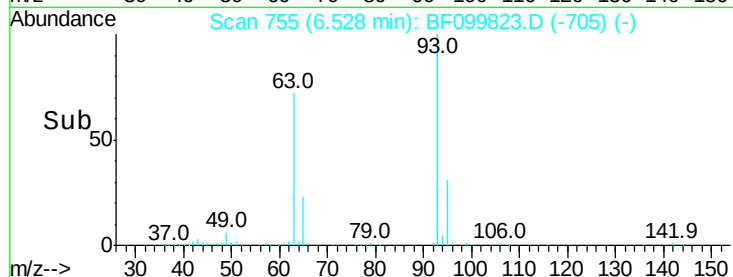
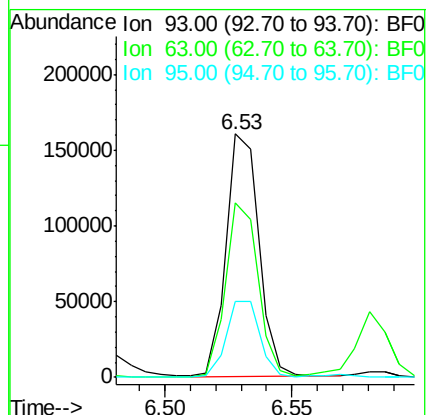
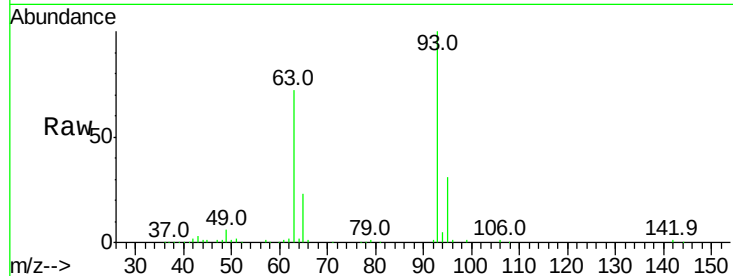
Tot Ion: 93 Resp: 143667

Ion Ratio Lower Upper

93 100

63 71.8 58.6 98.6

95 31.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.516 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.08 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

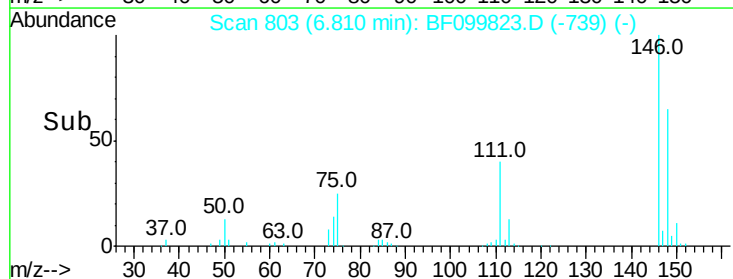
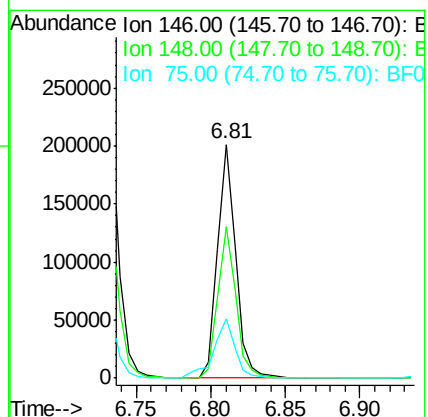
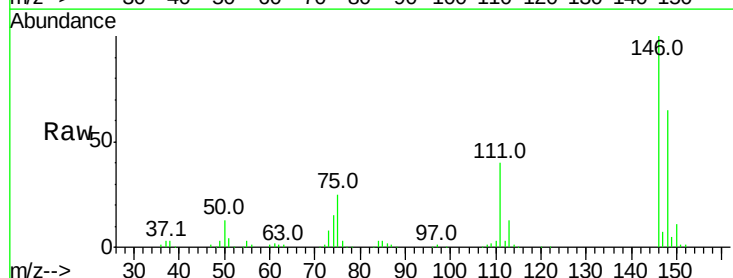
Tgt Ion: 146 Resp: 172764

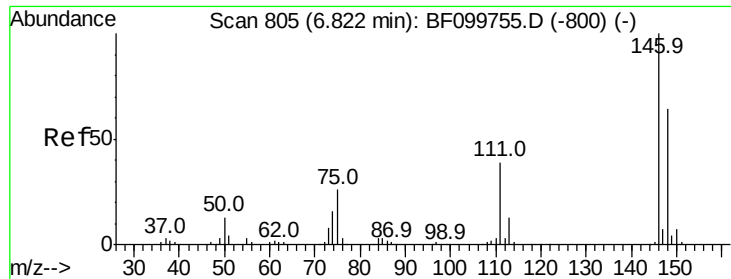
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 25.5 24.2 36.4

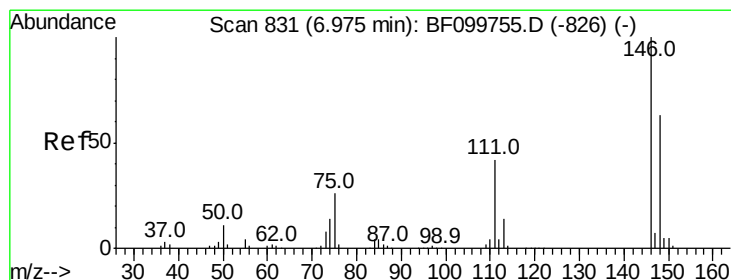
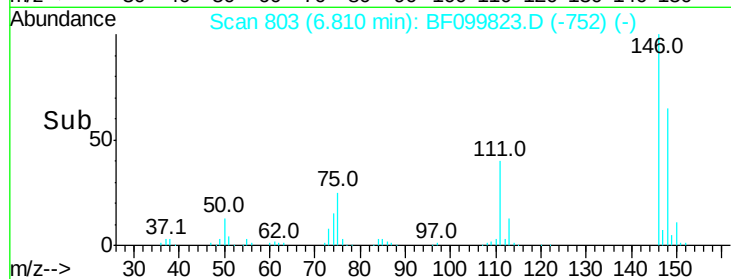
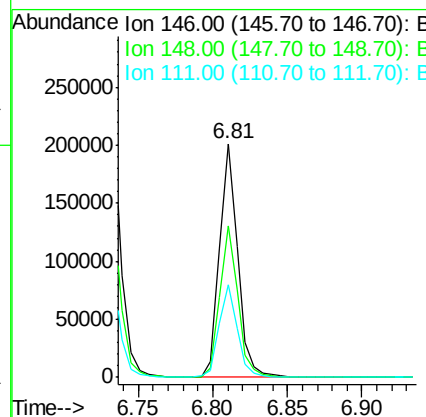
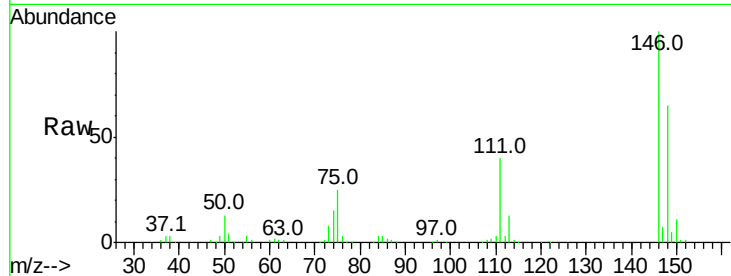




#13
 1,4-Dichlorobenzene
 Concen: 32.038 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

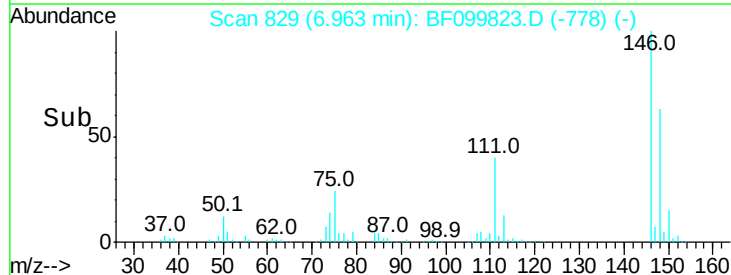
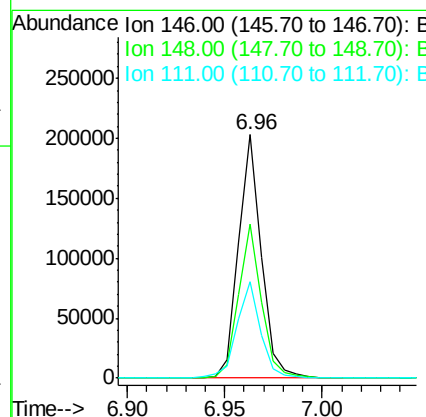
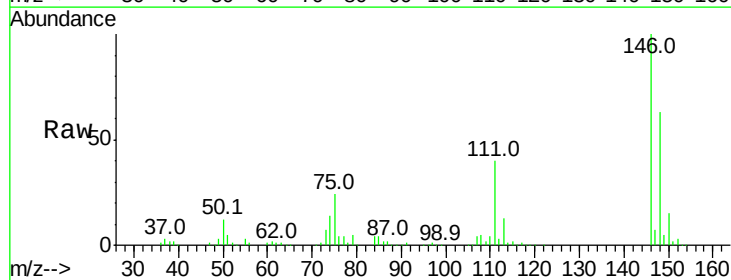
Instrument :
 BNA_F
 ClientSampled :

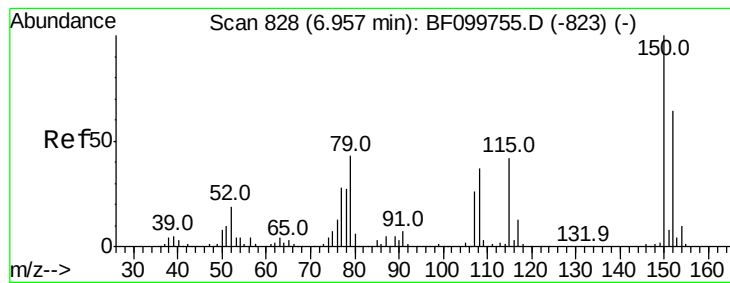
Tot Ion:146 Resp: 172764
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 39.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.602 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:146 Resp: 165143
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 39.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.173 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampled :

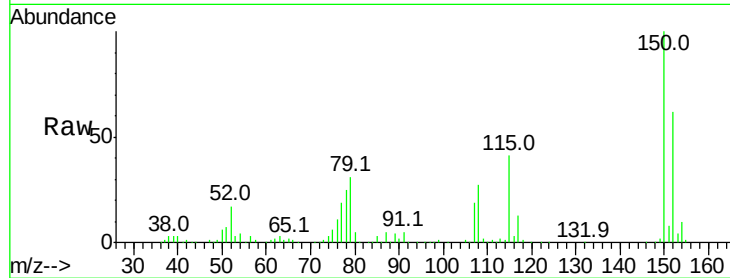
Tot Ion: 79 Resp: 114414

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

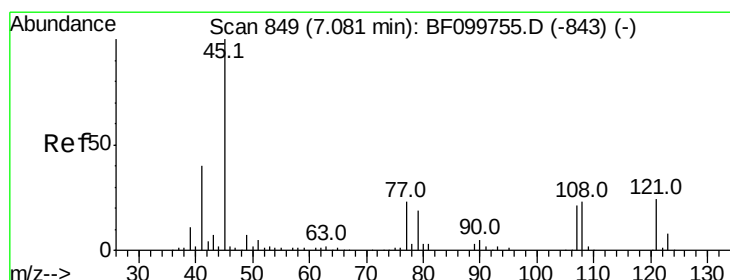
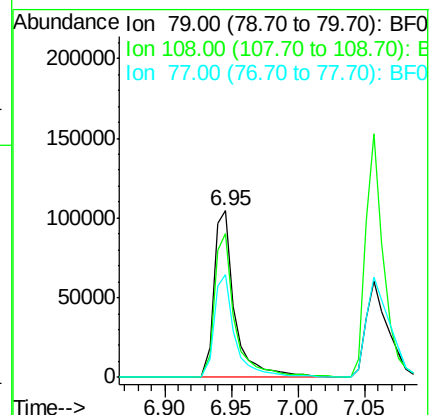
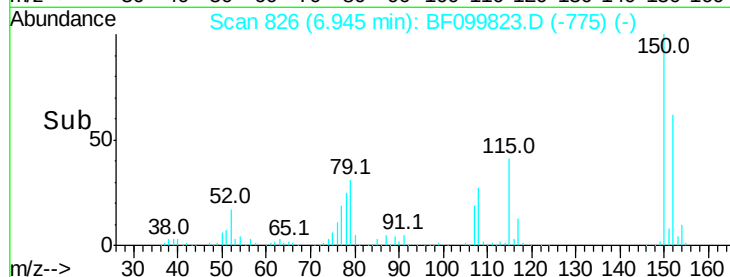
77 62.1 50.6 75.8



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: 37.291 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

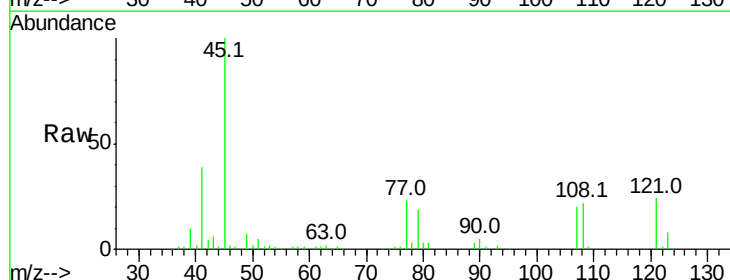
Tgt Ion: 45 Resp: 184900

Ion Ratio Lower Upper

45 100

77 22.7 0.0 32.9

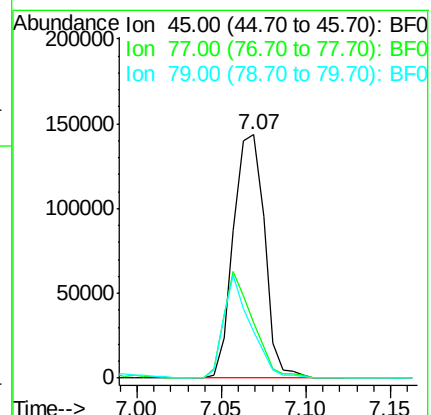
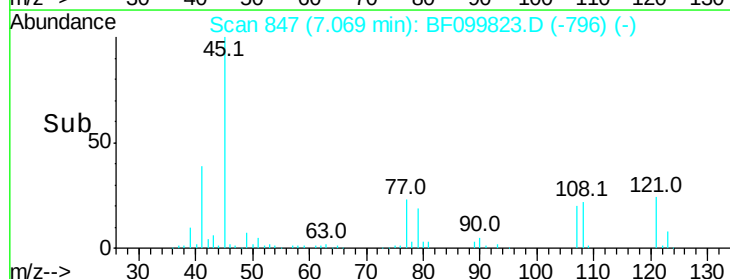
79 18.9 0.0 29.6

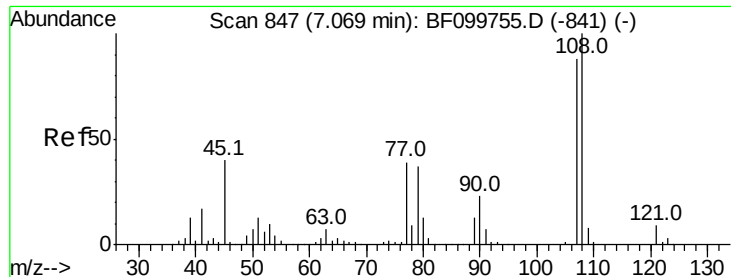


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

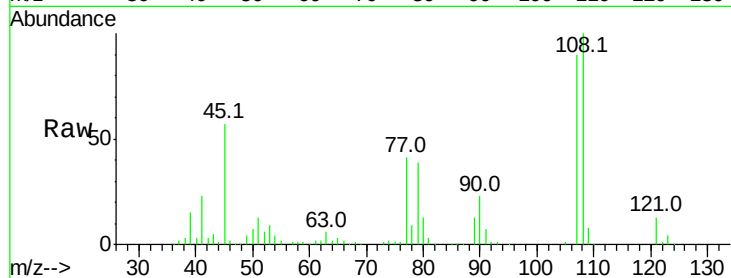




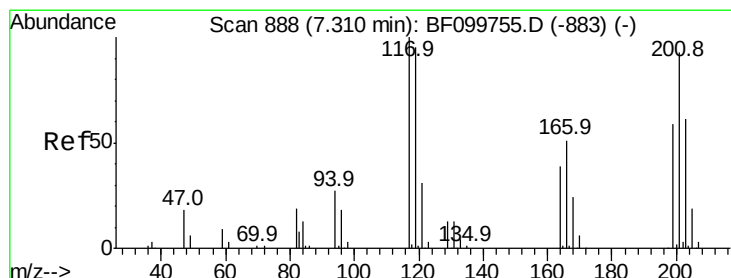
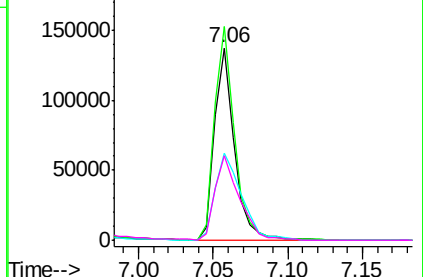
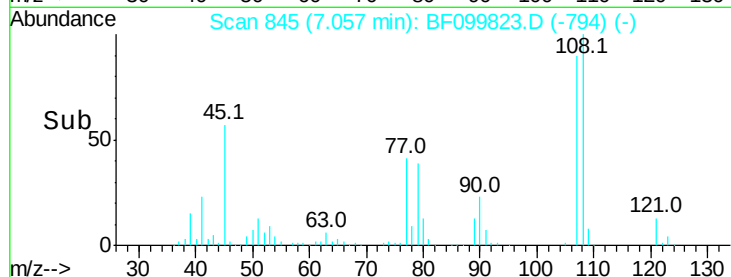
#17
2-Methylphenol
Concen: 32.395 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 128225
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 45.5 33.8 50.8
79 43.8 33.8 50.8

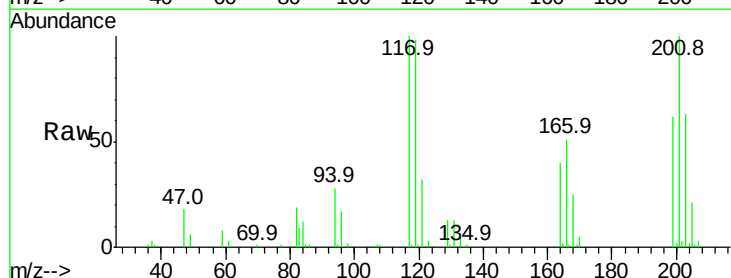


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

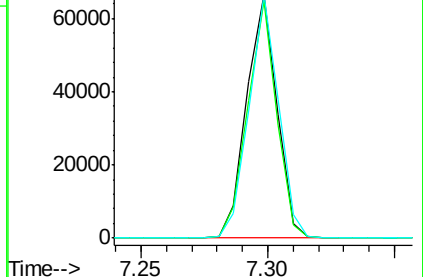
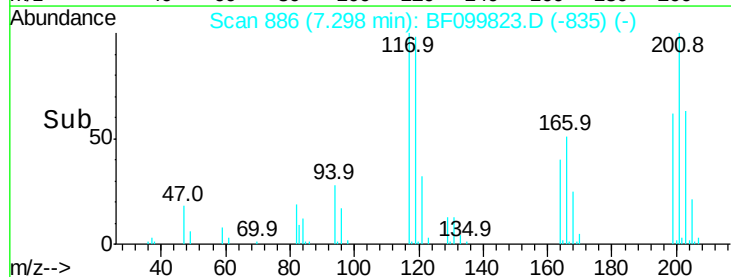


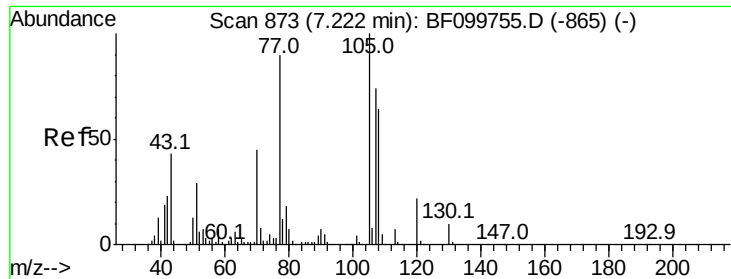
#18
Hexachloroethane
Concen: 30.724 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion:117 Resp: 55274
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 99.8 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

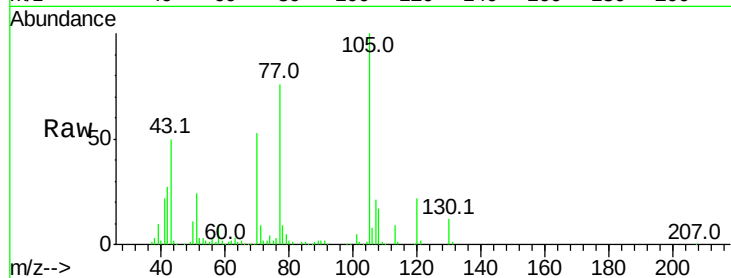




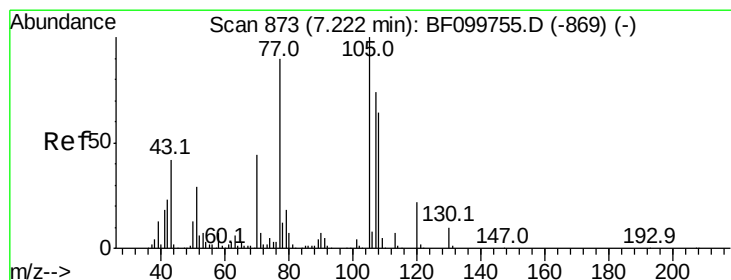
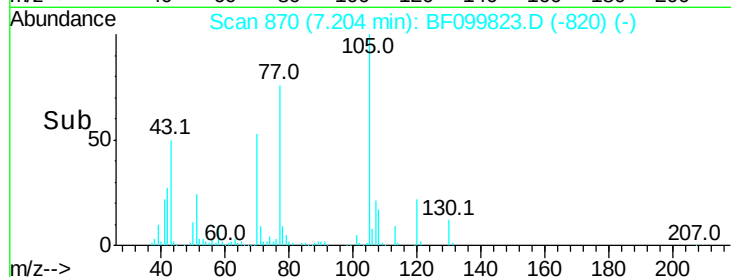
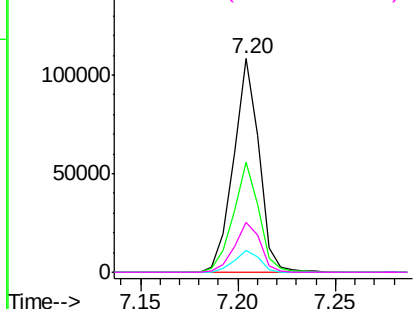
#19
n-Nitroso-di-n-propylamine
Concen: 31.857 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 98284
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 10.0 7.4 11.2
130 23.1 16.6 25.0

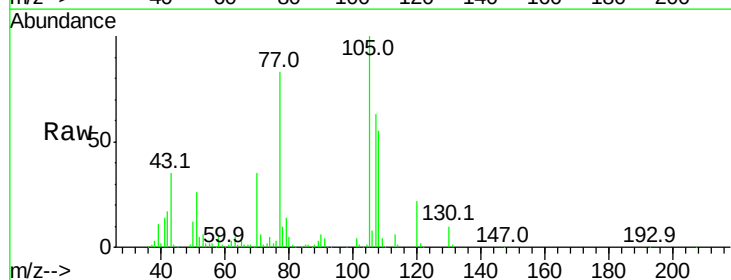


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

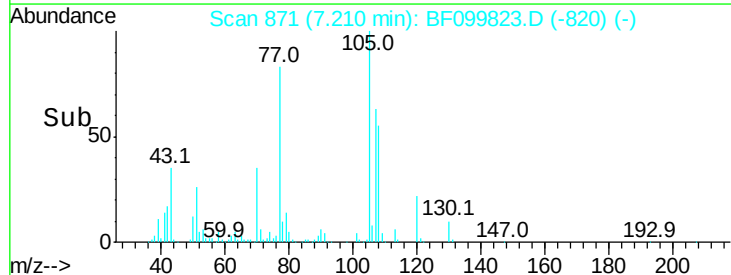
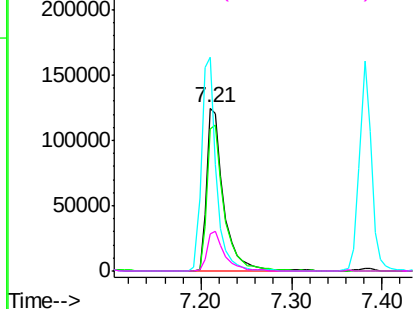


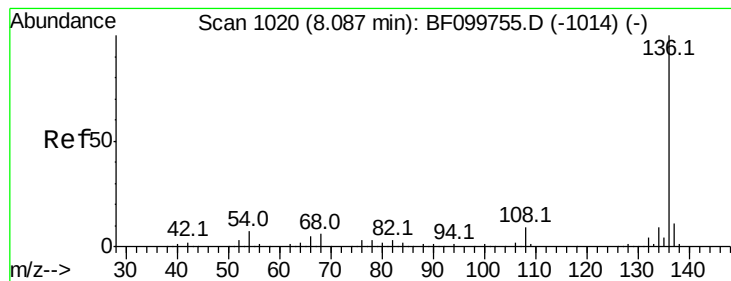
#20
3+4-Methylphenols
Concen: 35.835 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion: 107 Resp: 165162
Ion Ratio Lower Upper
107 100
108 86.8 68.2 108.2
77 131.0 26.7 66.7#
79 22.5 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: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 292079

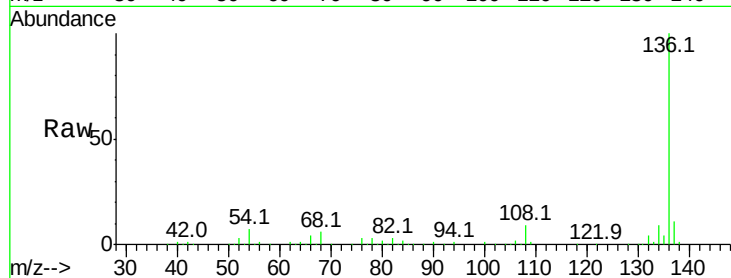
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

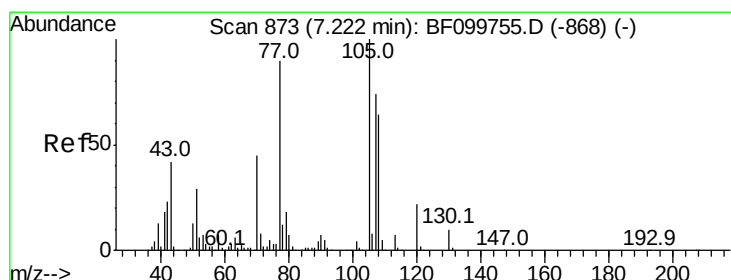
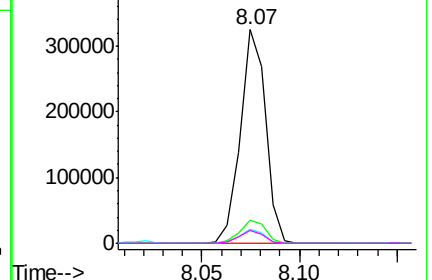
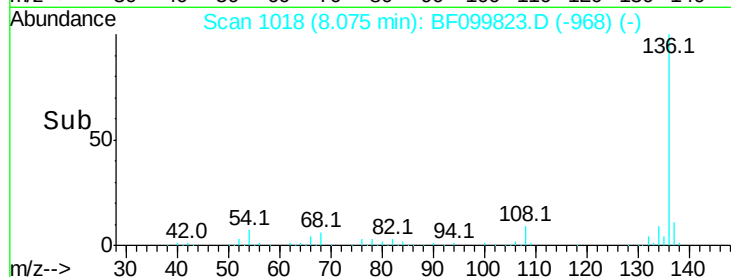


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.363 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:105 Resp: 208574

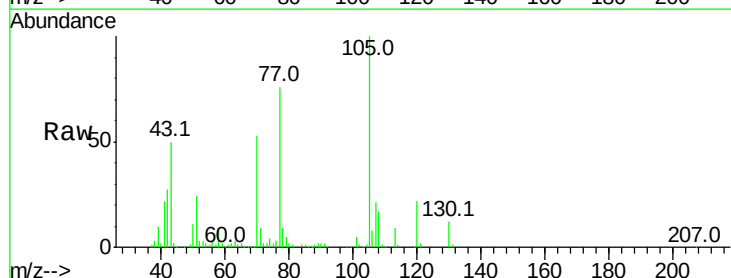
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 23.7 22.3 33.5

120 22.4 16.9 25.3

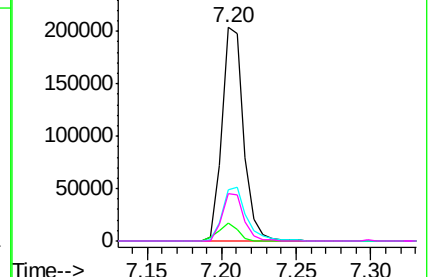
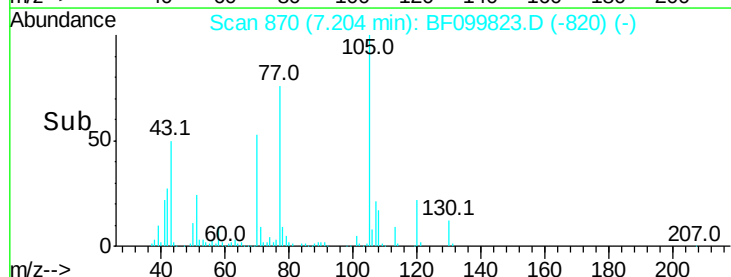


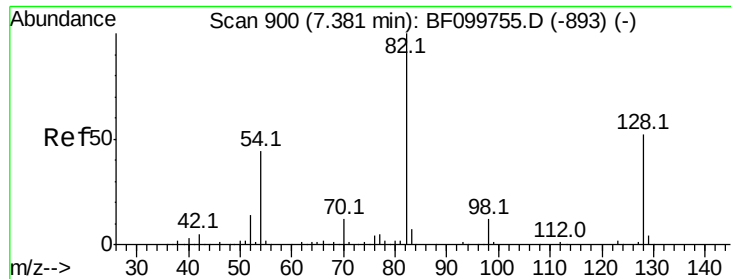
Abundance Ion 105.00 (104.70 to 105.70): E

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

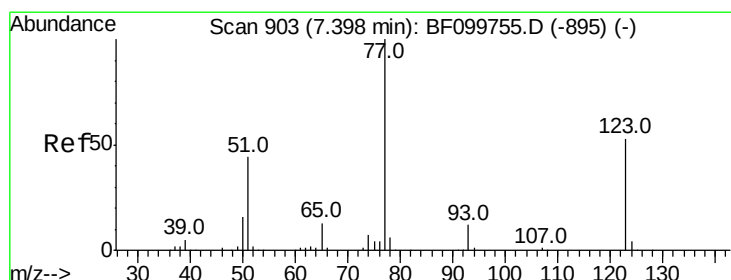
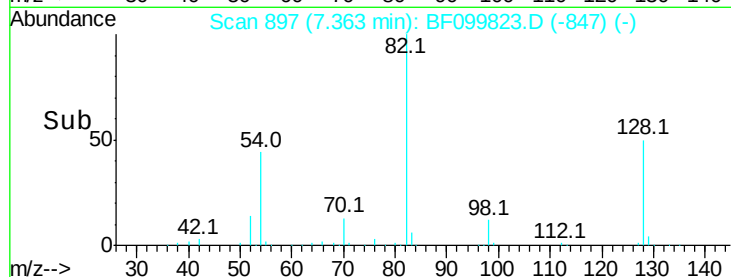
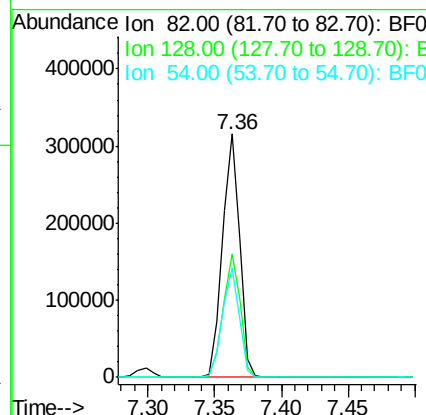
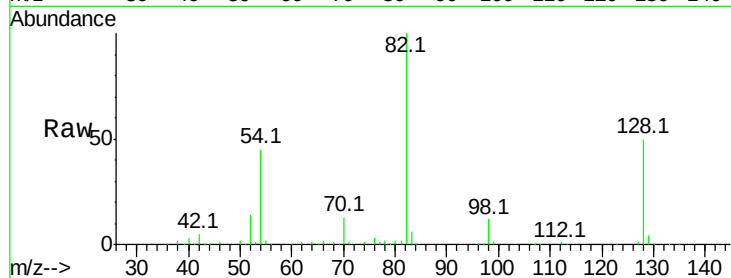




#23
 Nitrobenzene-d5
 Concen: 63.855 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

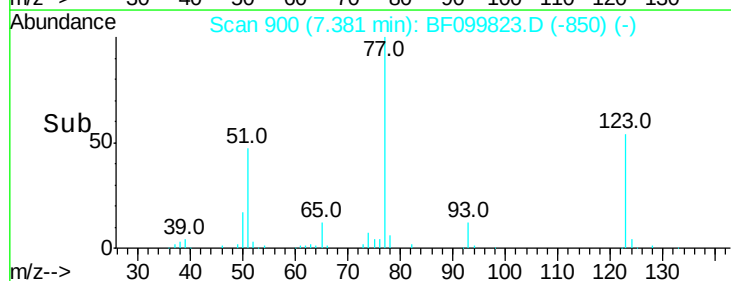
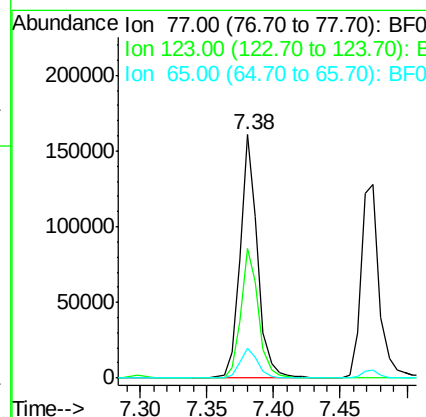
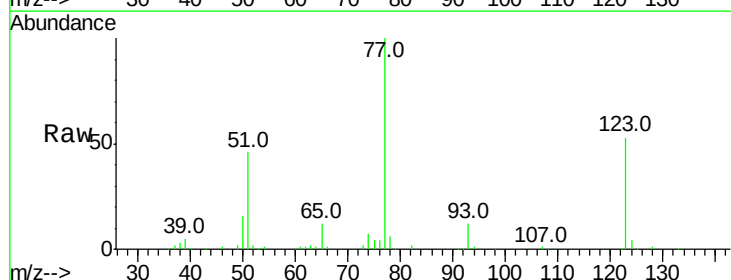
Instrument :
 BNA_F
 ClientSampleId :

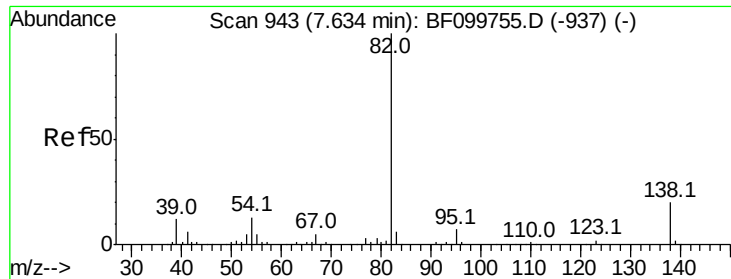
Tot Ion	82	Resp	289697
Ion Ratio	100	Lower	Upper
128	50.5	36.1	54.1
54	44.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 31.969 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	77	Resp	146139
Ion Ratio	100	Lower	Upper
123	53.4	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 33.712 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

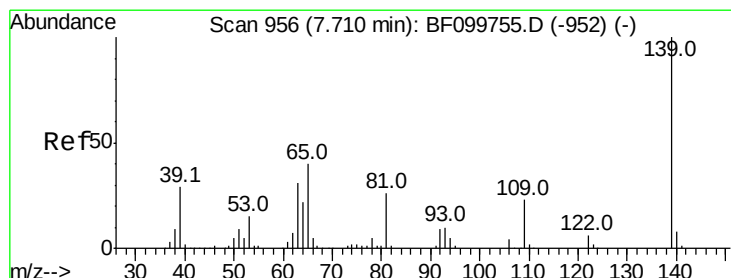
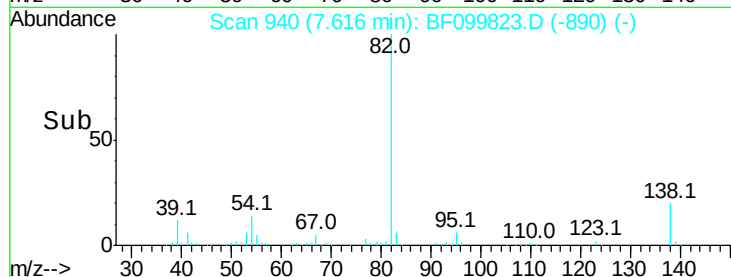
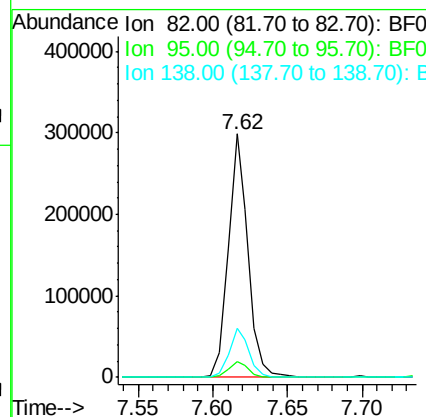
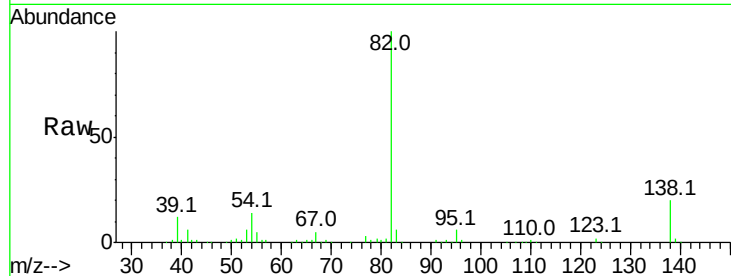
Tot Ion: 82 Resp: 277530

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 32.602 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

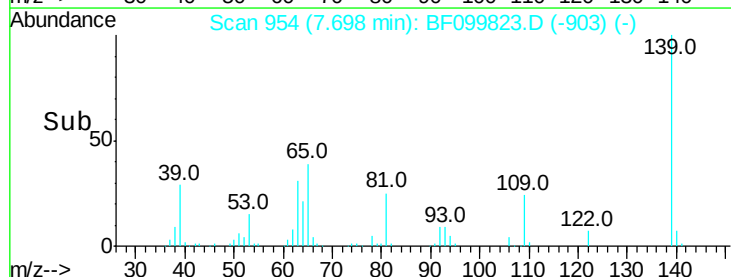
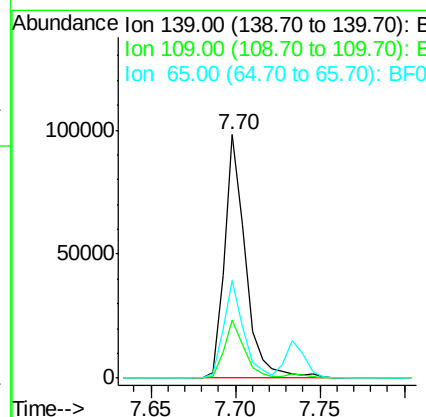
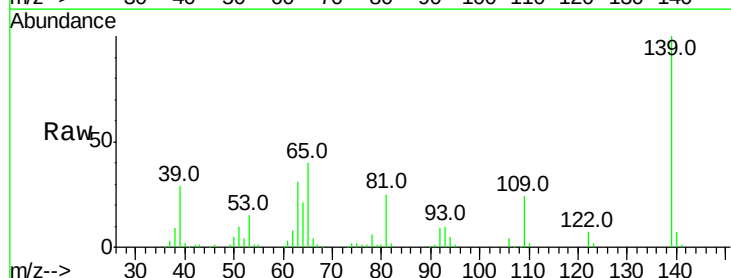
Tgt Ion: 139 Resp: 85358

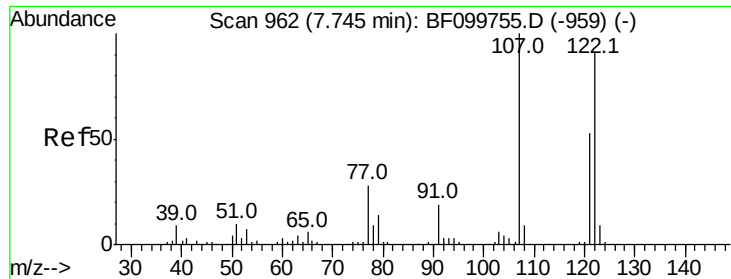
Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

65 40.0 40.5 60.7#

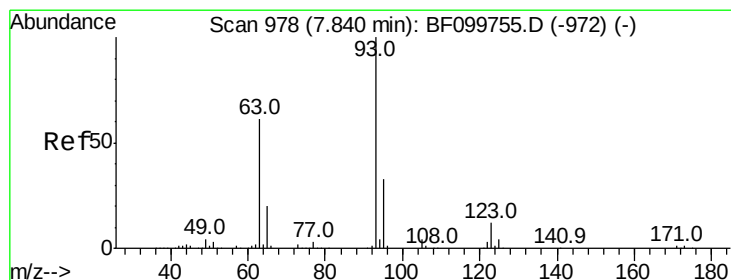
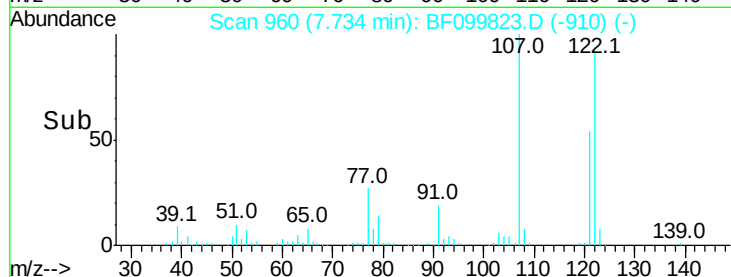
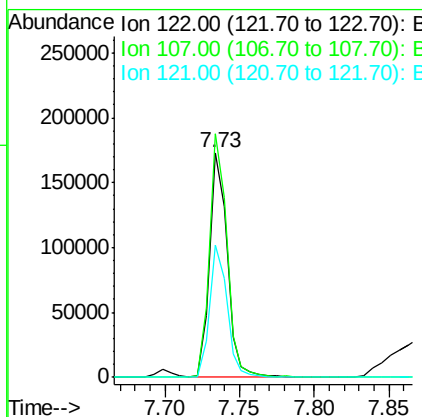
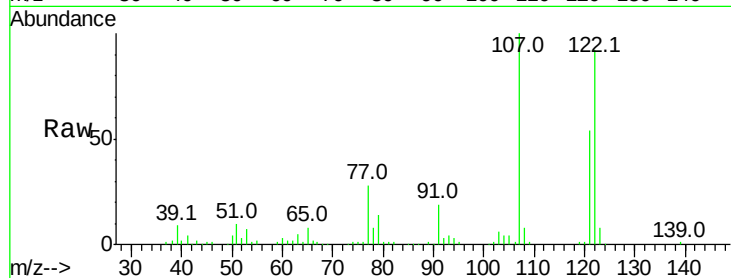




#27
2,4-Dimethylphenol
Concen: 37.037 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

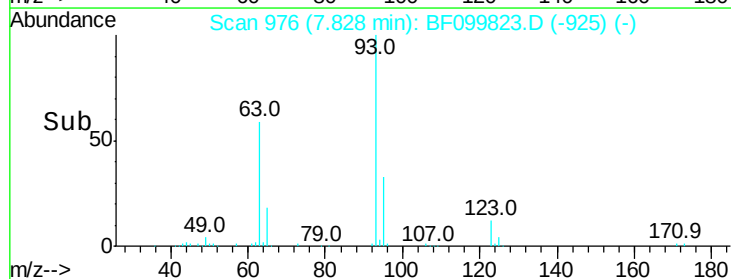
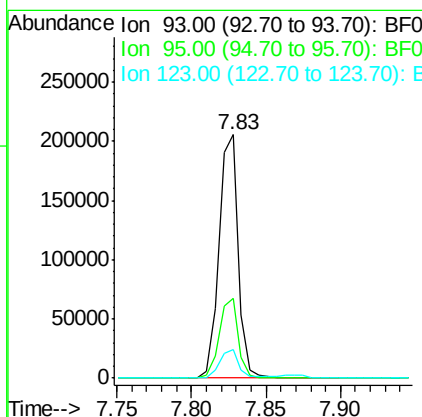
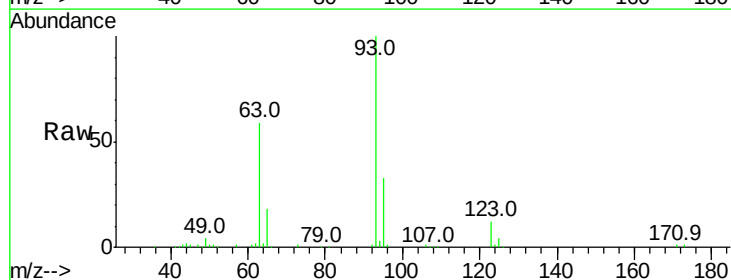
Instrument :
BNA_F
ClientSampleId :

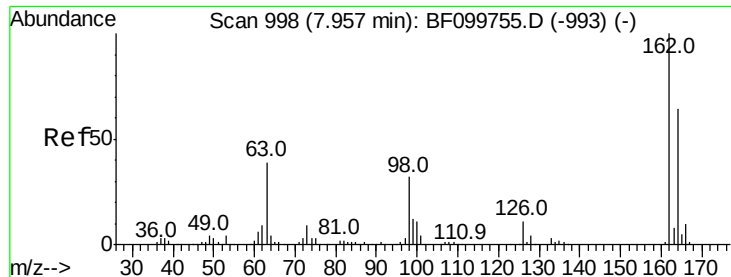
Tot Ion:122 Resp: 142877
Ion Ratio Lower Upper
122 100
107 108.2 91.2 136.8
121 58.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 32.333 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion: 93 Resp: 186414
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 12.0 9.8 14.6

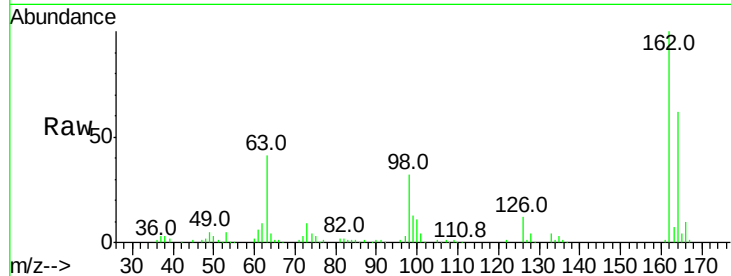




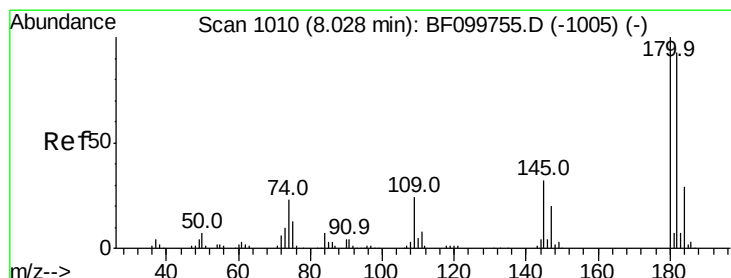
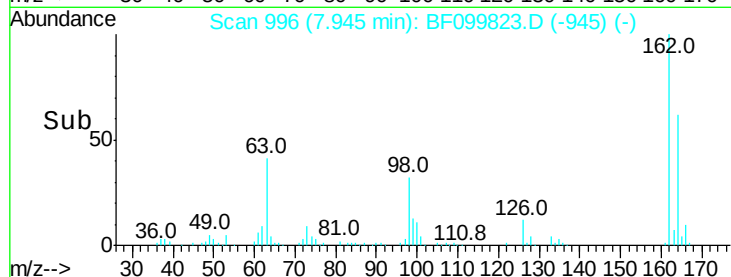
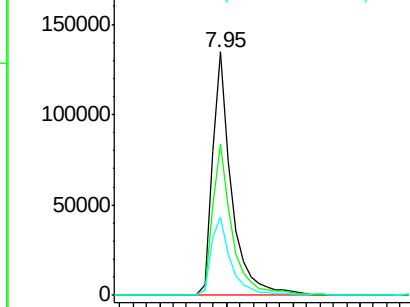
#29
 2,4-Dichlorophenol
 Concen: 33.747 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	32.3	18.1	58.1

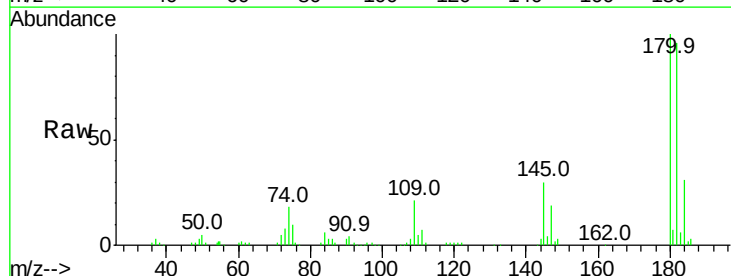


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

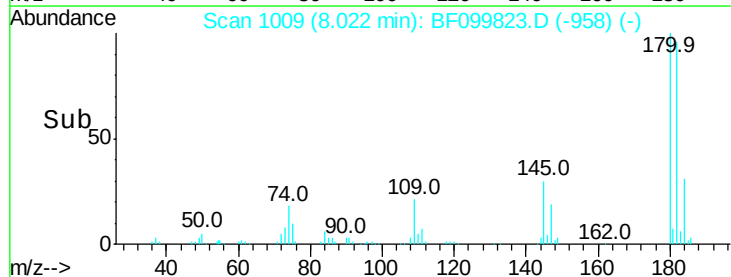
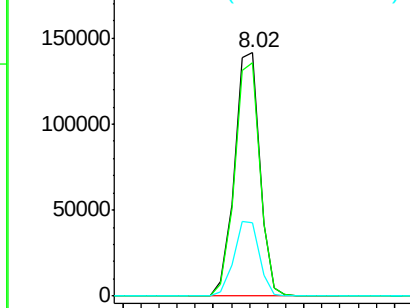


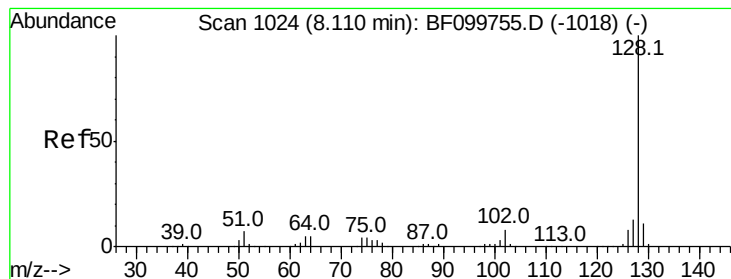
#30
 1,2,4-Trichlorobenzene
 Concen: 32.214 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	30.0	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: 32.349 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

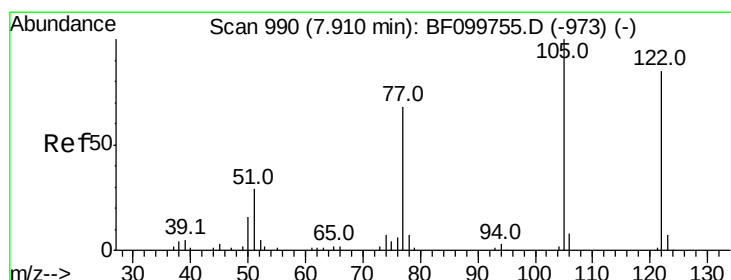
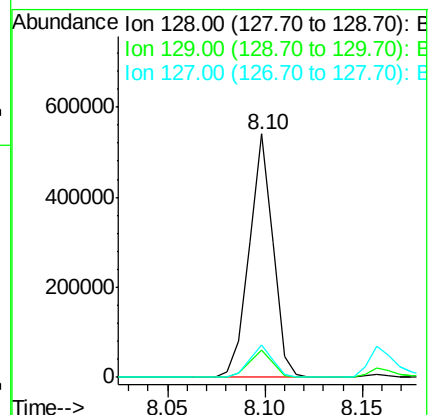
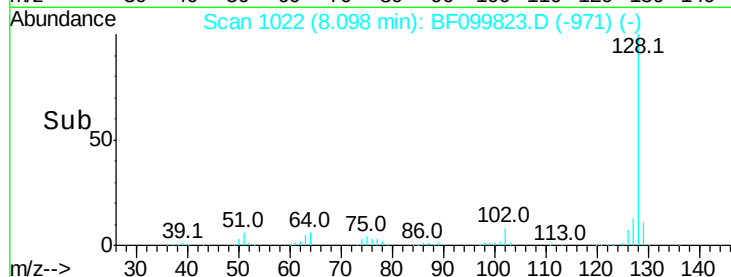
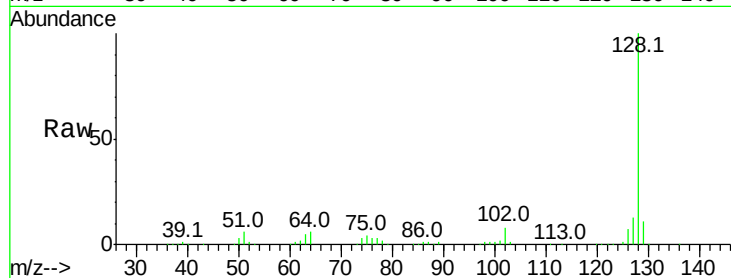
Tot Ion:128 Resp: 456084

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 19.537 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

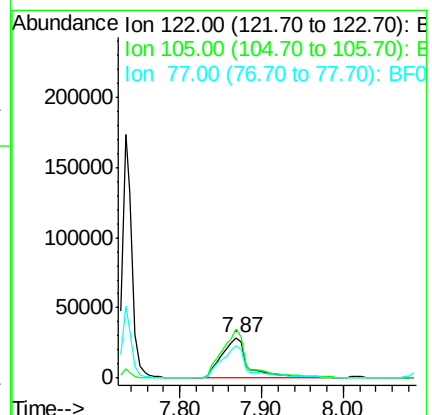
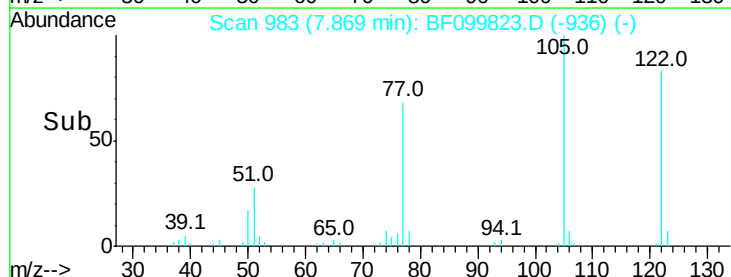
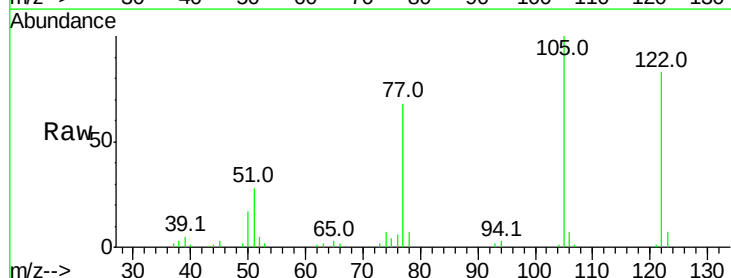
Tgt Ion:122 Resp: 66337

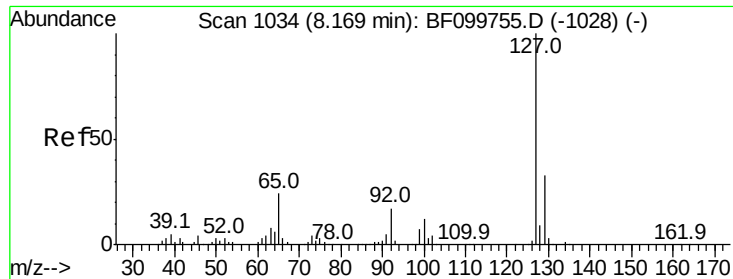
Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

77 81.8 70.7 110.7

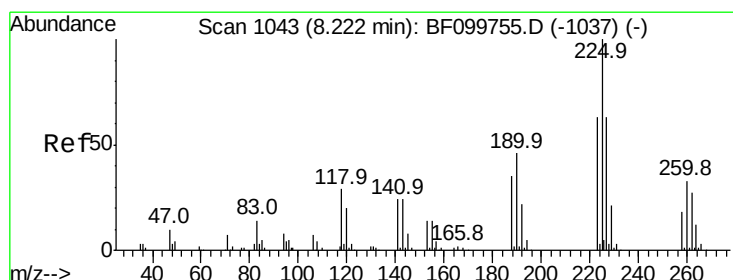
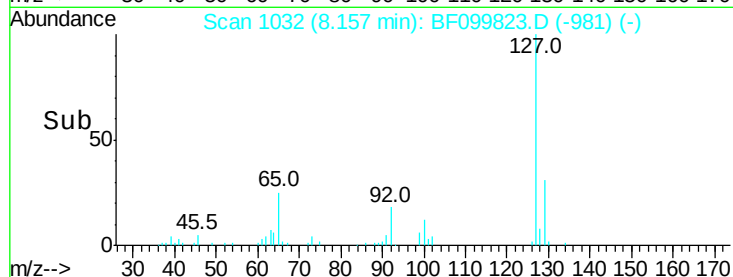
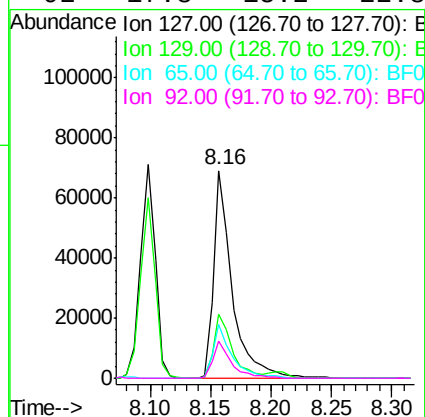
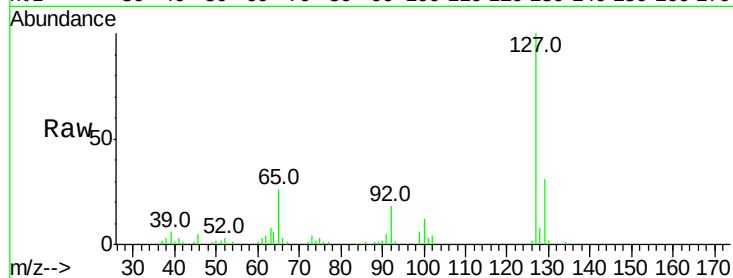




#33
 4-Chloroaniline
 Concen: 12.582 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

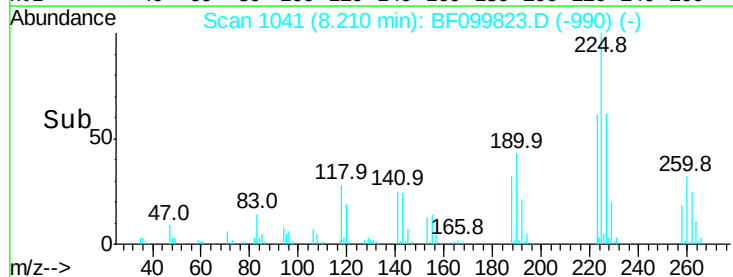
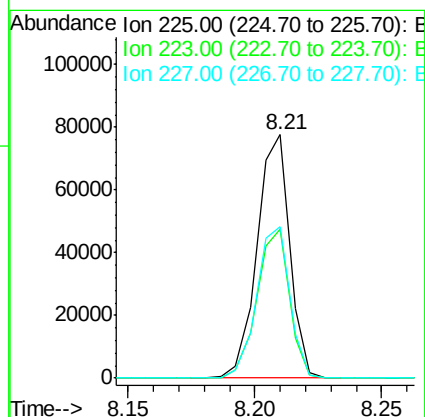
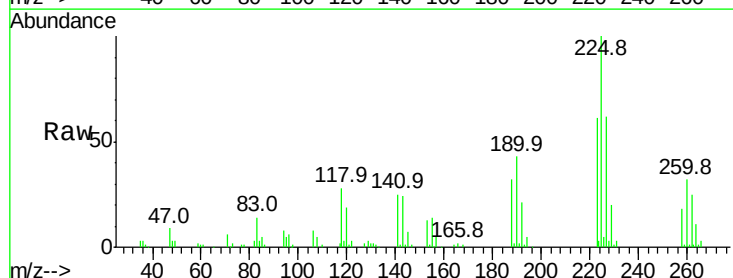
Instrument :
 BNA_F
 ClientSampleId :

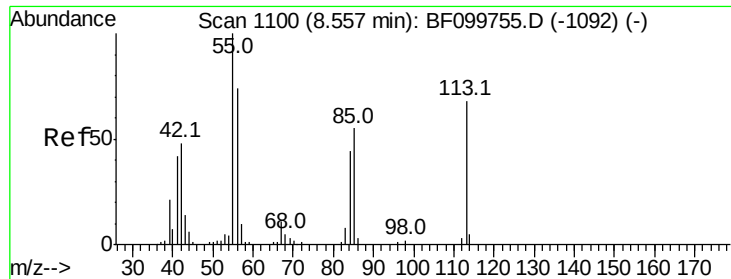
Tot Ion:	127	Resp:	73249
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	25.8	25.0	37.4
92	17.8	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 31.734 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:	225	Resp:	69891
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	62.1	51.9	77.9





#35

Caprolactam

Concen: 32.907 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampled :

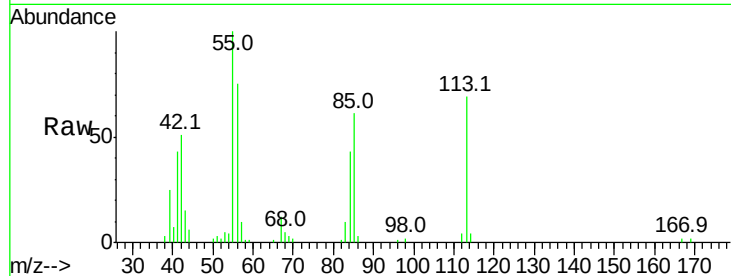
Tot Ion:113 Resp: 41470

Ion Ratio Lower Upper

113 100

55 145.5 163.3 203.3#

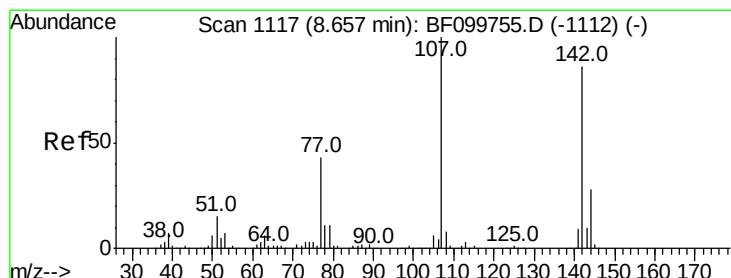
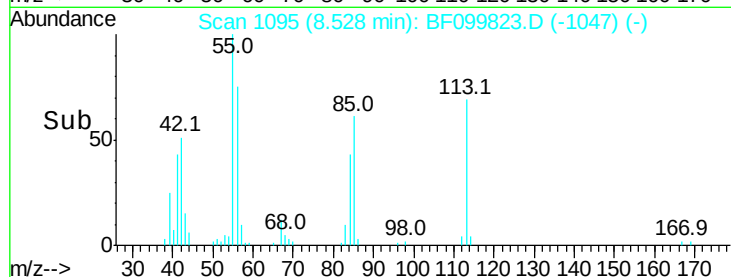
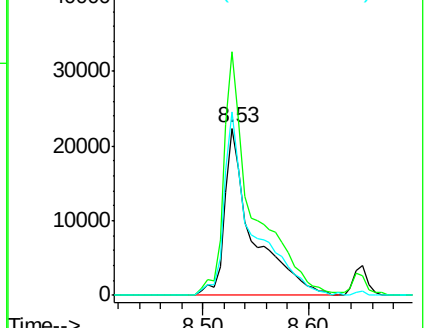
56 109.4 115.7 155.7#



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: 32.431 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

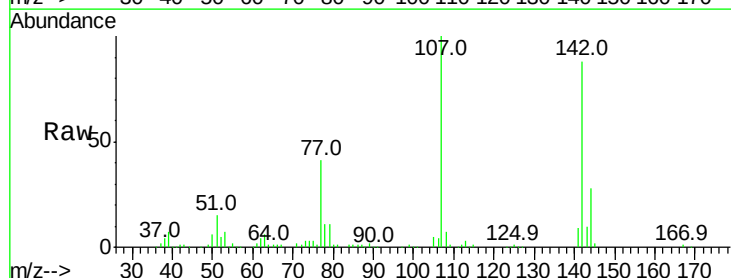
Tgt Ion:107 Resp: 132650

Ion Ratio Lower Upper

107 100

144 28.2 20.5 30.7

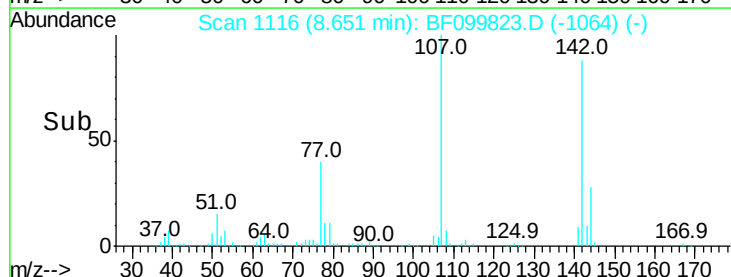
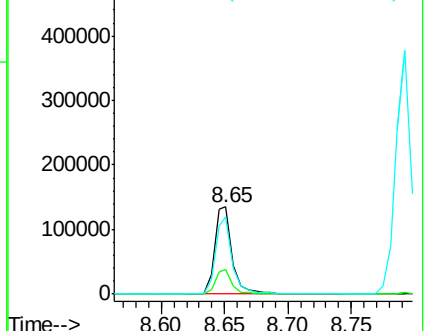
142 88.4 62.0 93.0

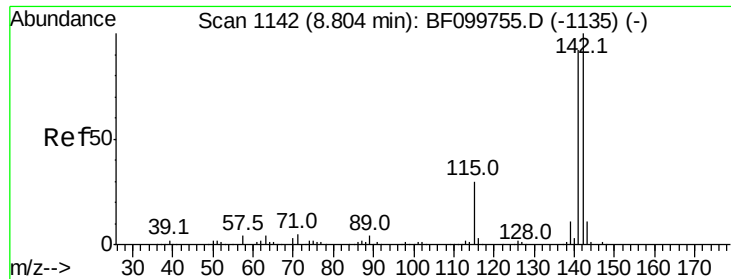


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.706 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

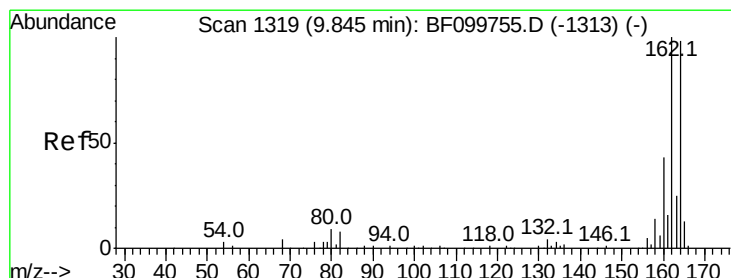
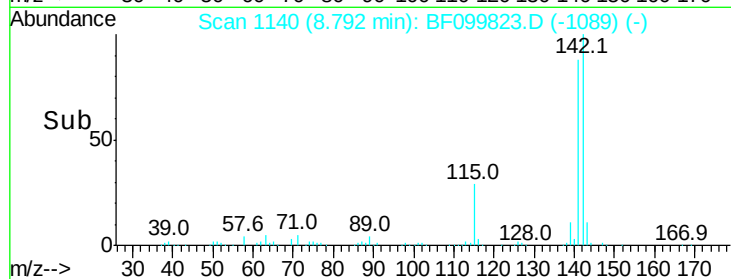
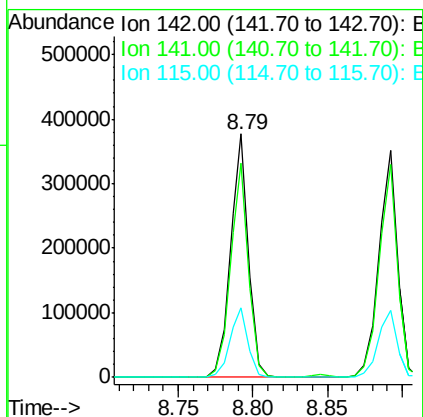
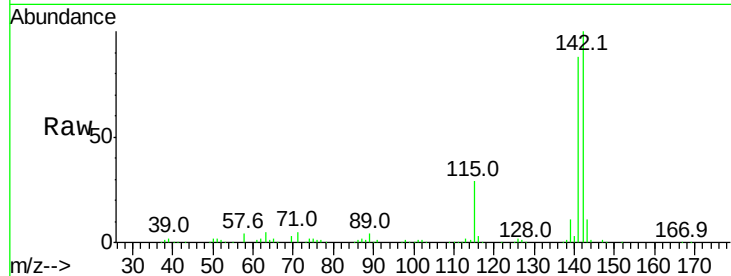
Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 318465

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	28.7	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

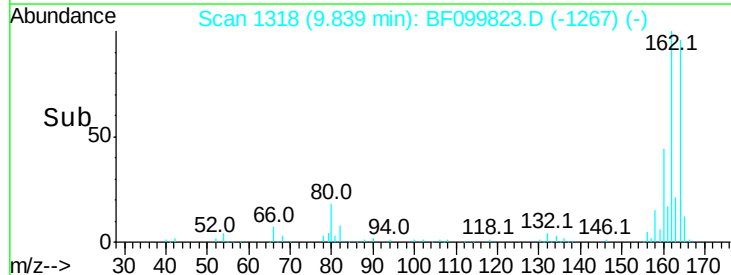
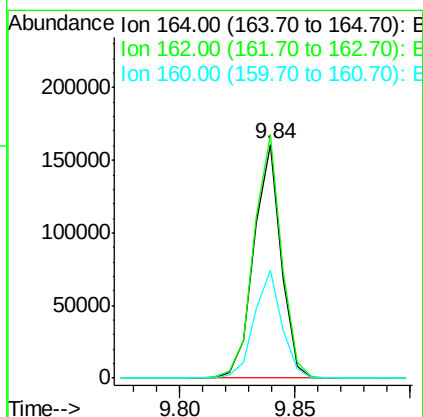
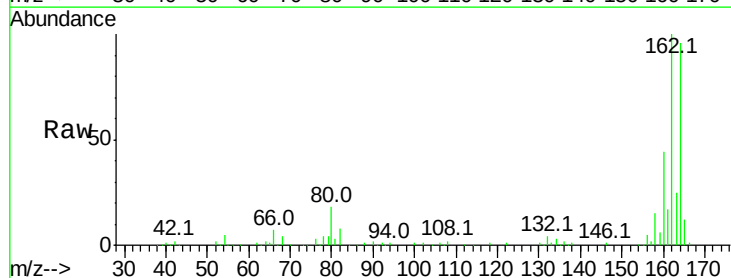
Delta R.T. 0.00 min

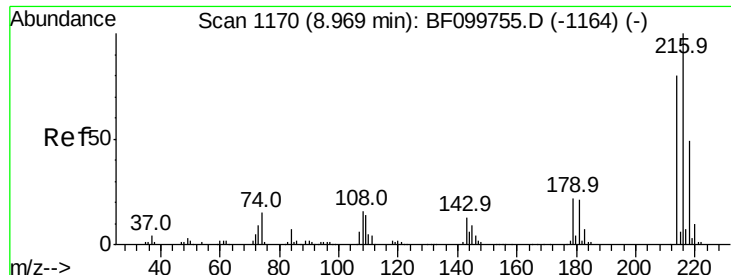
Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:164 Resp: 132717

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.2	38.3	57.5

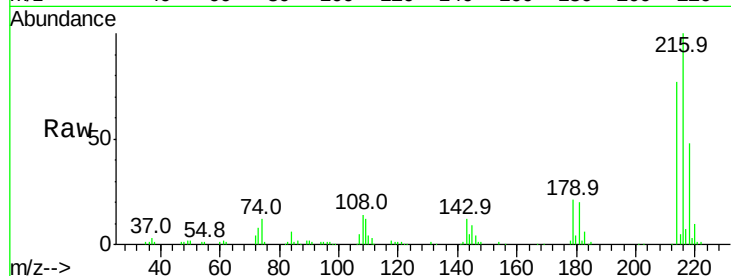




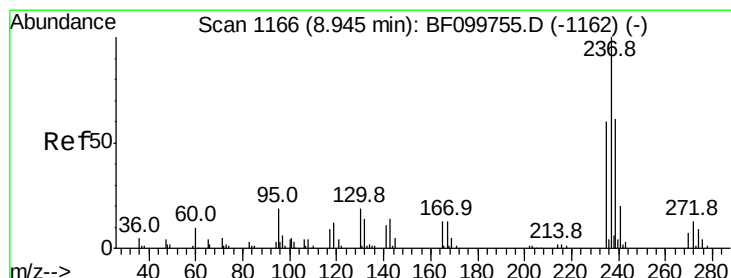
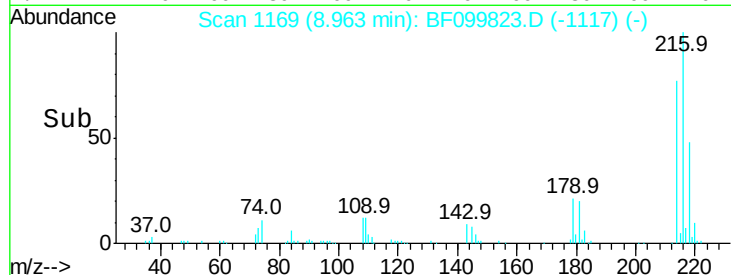
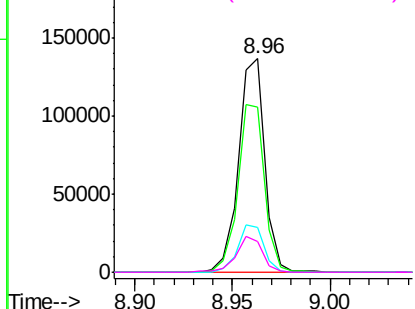
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.594 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	126853
Ion Ratio		Lower	Upper
216	100		
214	80.3	63.0	94.4
179	22.4	18.1	27.1
108	16.8	17.2	25.8#

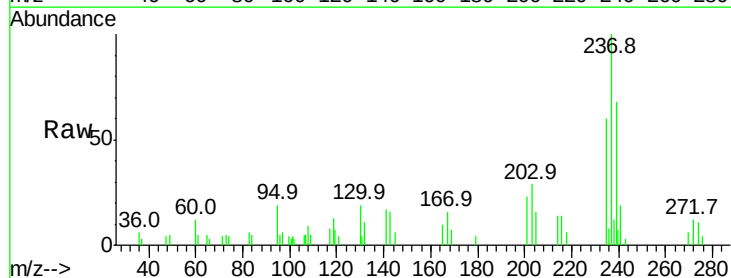


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

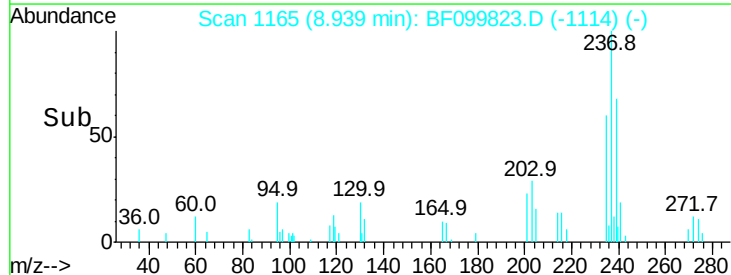
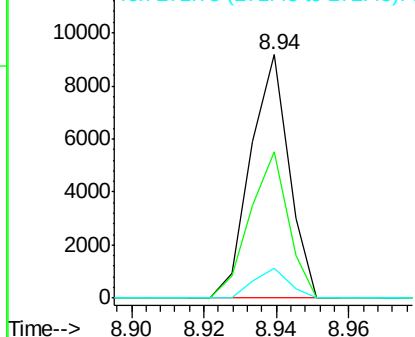


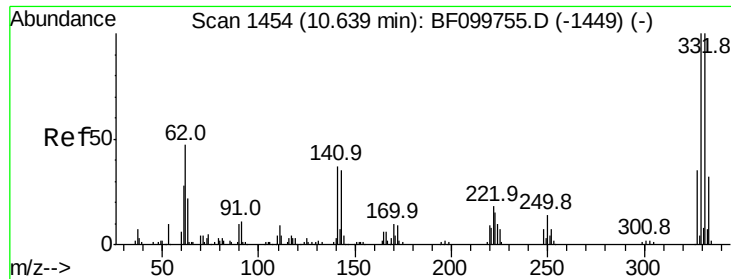
#40
 Hexachlorocyclopentadiene
 Concen: 18.921 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:	237	Resp:	6700
Ion Ratio		Lower	Upper
237	100		
235	60.0	44.8	84.8
272	12.2	0.0	33.3



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

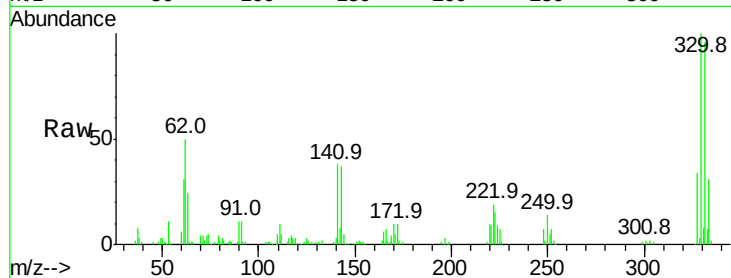




#41
 2,4,6-Tribromophenol
 Concen: 94.344 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.2			77.0	115.6	
141	34.9			29.9	44.9	

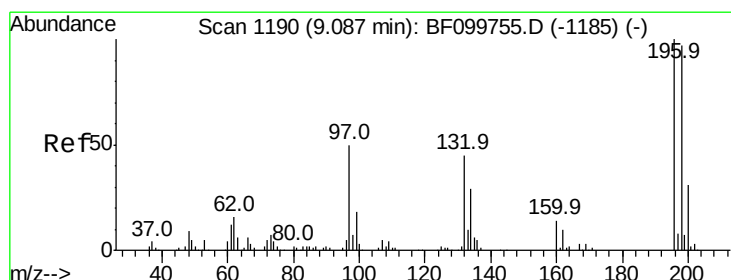
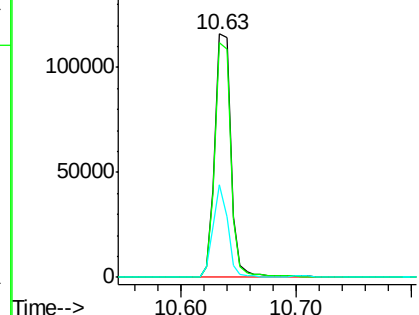
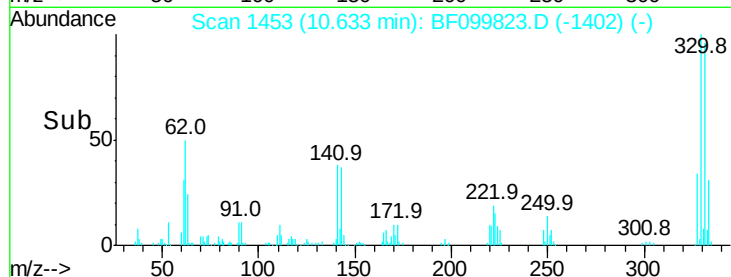


Abundance

Ion 329.80 (329.50 to 330.50): E

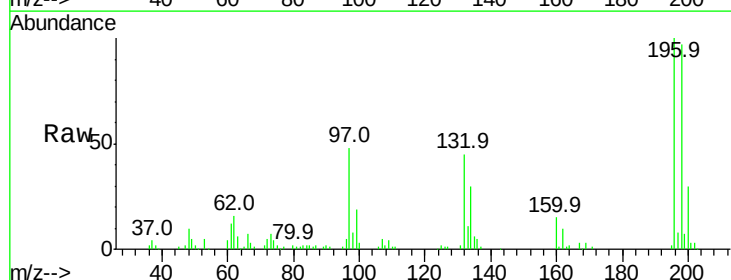
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.490 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	96.7			75.7	113.5	
200	30.3			24.5	36.7	

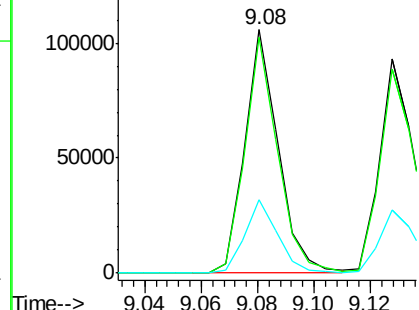
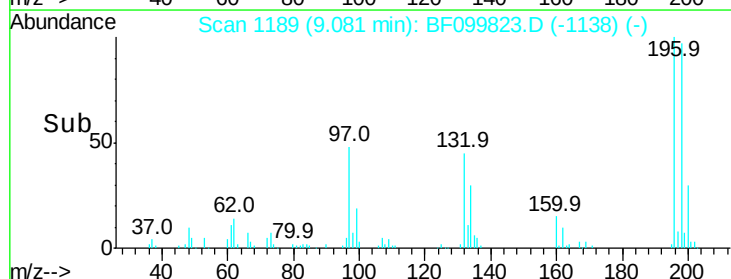


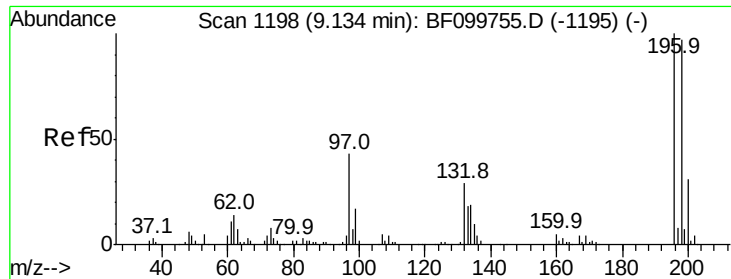
Abundance

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

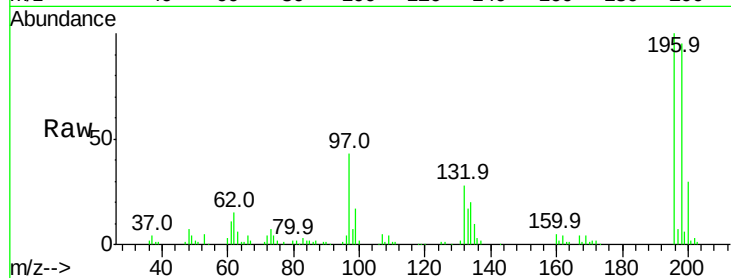




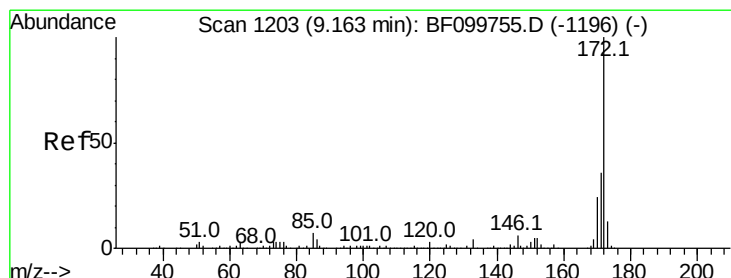
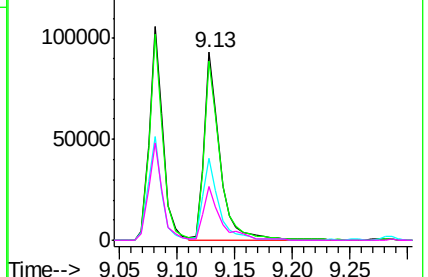
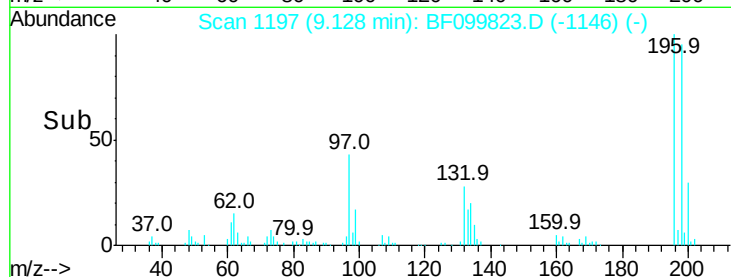
#43
 2,4,5-Trichlorophenol
 Concen: 32.962 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 90692
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 43.4 42.9 64.3
 132 28.5 26.3 39.5

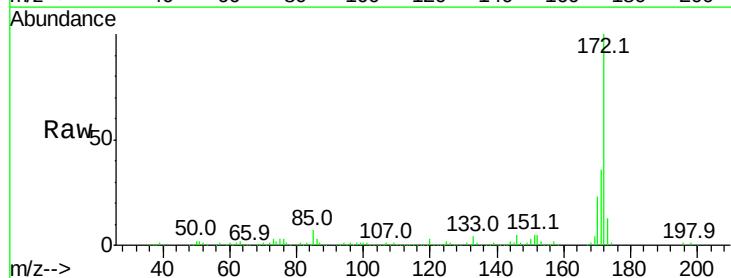


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

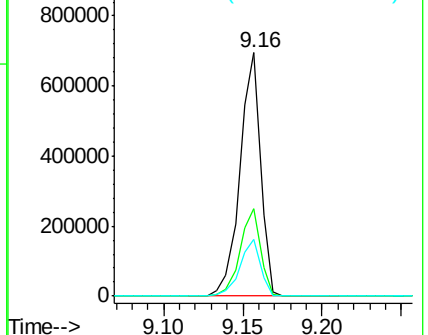
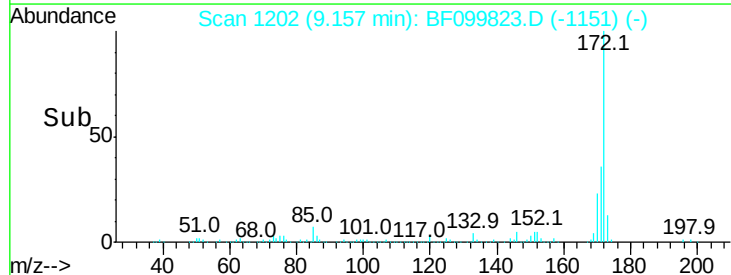


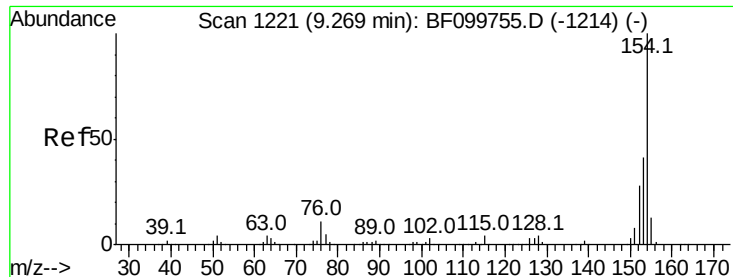
#44
 2-Fluorobiphenyl
 Concen: 72.760 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:172 Resp: 625893
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.4 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: 30.555 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

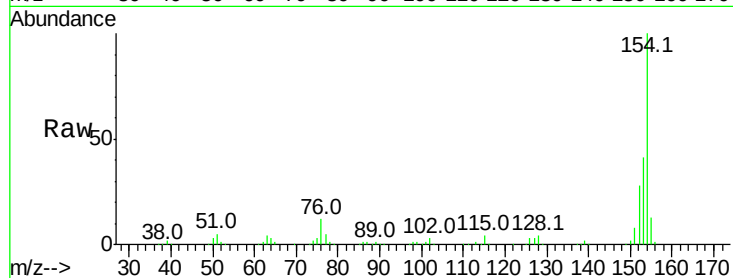
Tot Ion:154 Resp: 366844

Ion Ratio Lower Upper

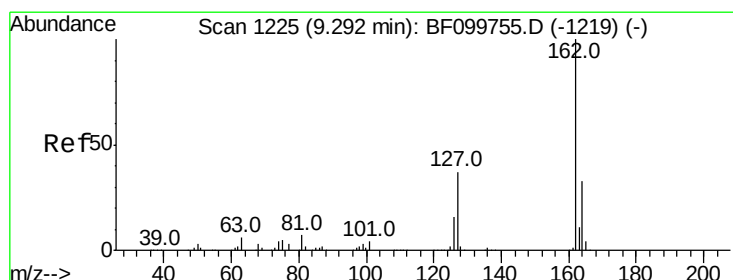
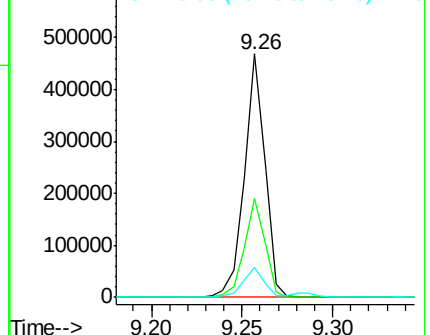
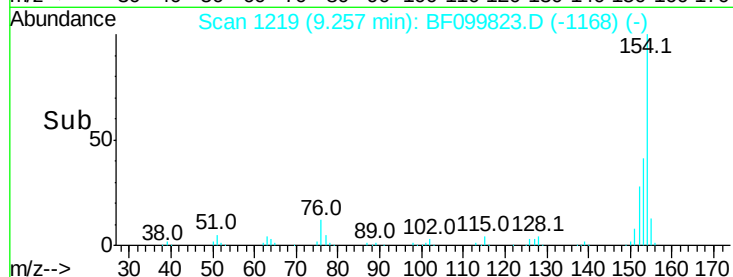
154 100

153 40.9 21.3 61.3

76 12.2 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: 32.822 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

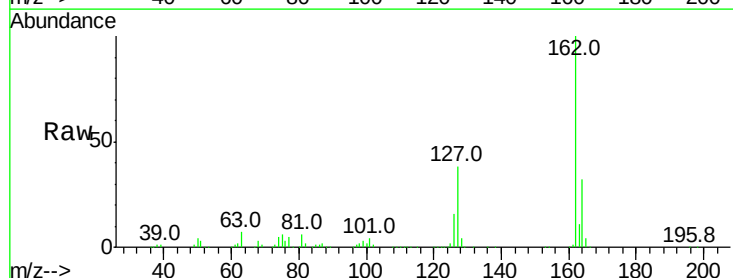
Tgt Ion:162 Resp: 286185

Ion Ratio Lower Upper

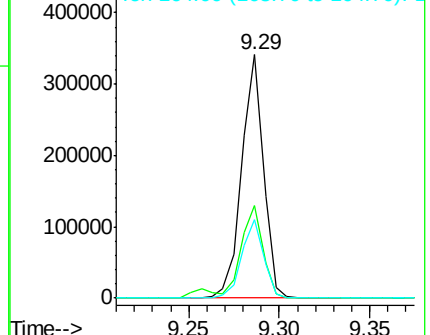
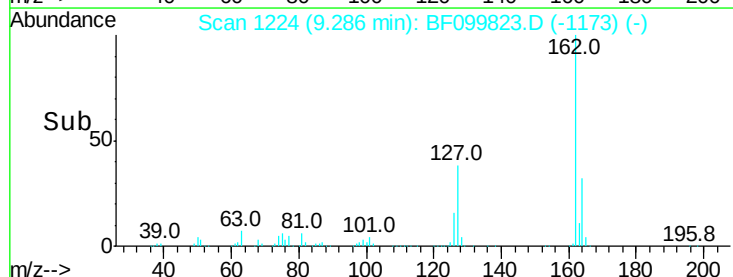
162 100

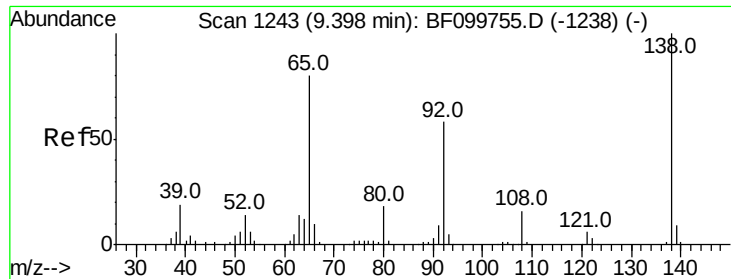
127 38.0 33.9 50.9

164 32.3 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

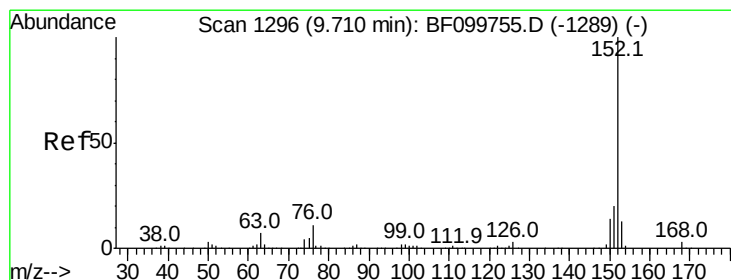
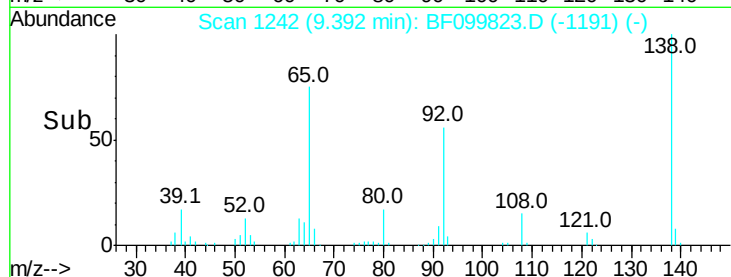
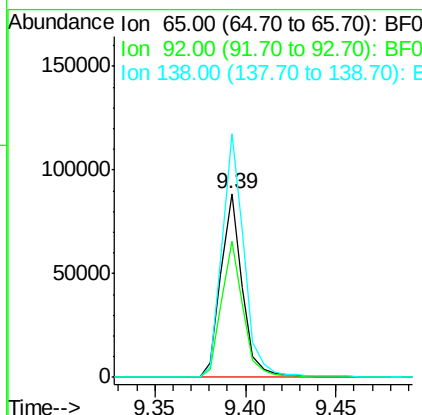
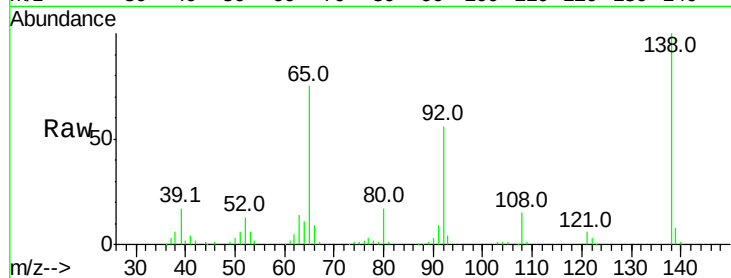




#47
 2-Nitroaniline
 Concen: 31.963 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

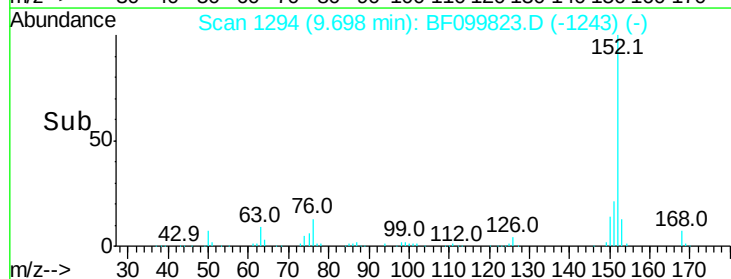
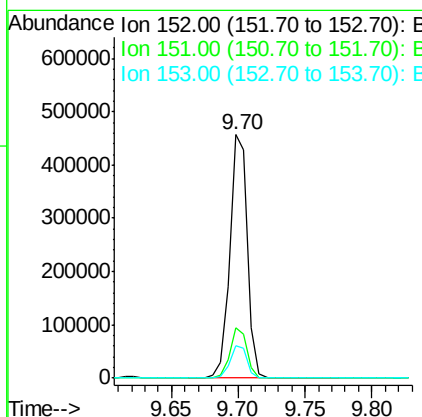
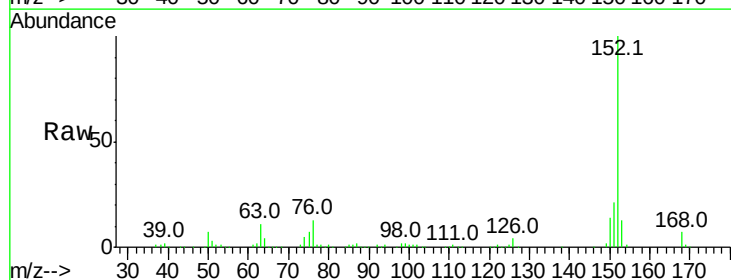
Instrument :
 BNA_F
 ClientSampleId :

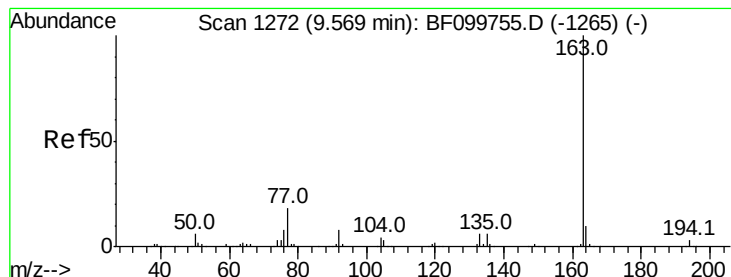
Tot Ion: 65 Resp: 73146
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 132.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.534 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:152 Resp: 423485
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 32.012 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampled :

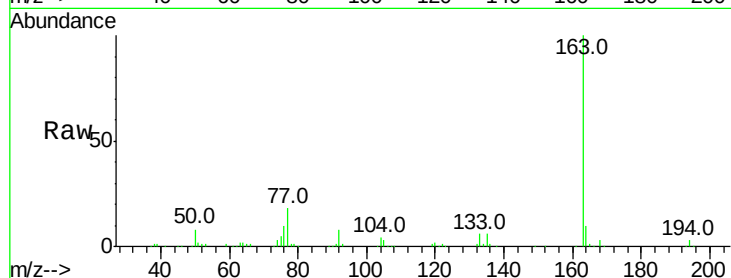
Tot Ion:163 Resp: 336447

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

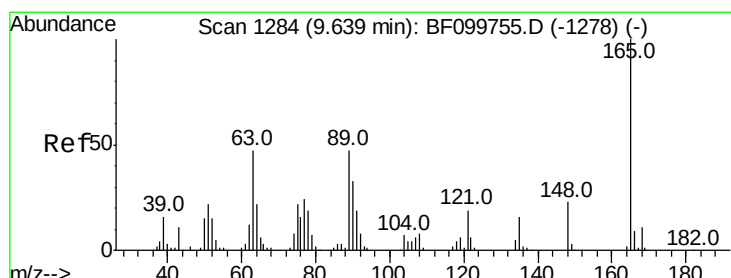
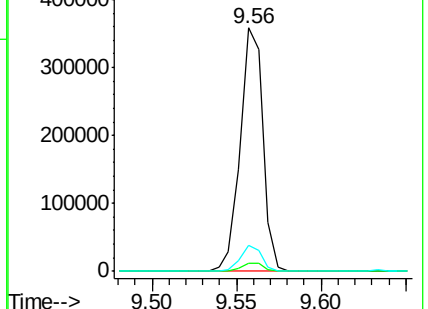
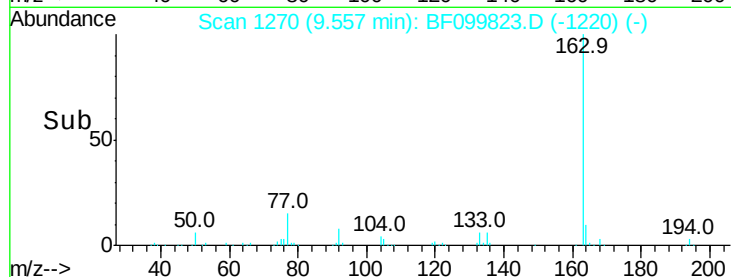
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.859 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

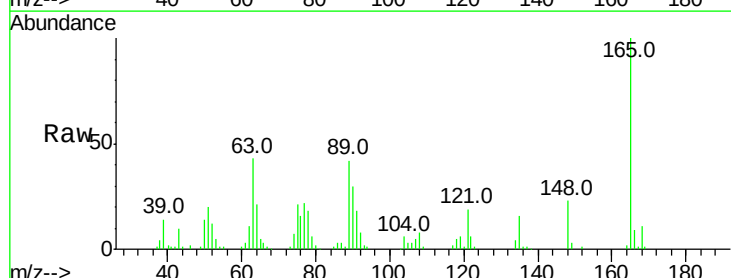
Tgt Ion:165 Resp: 72600

Ion Ratio Lower Upper

165 100

63 42.8 44.7 67.1#

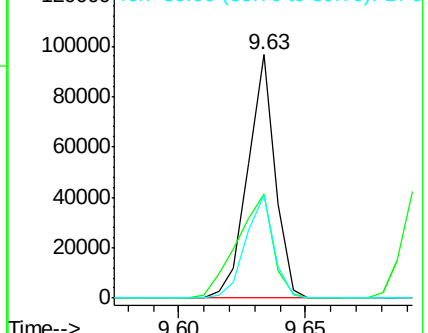
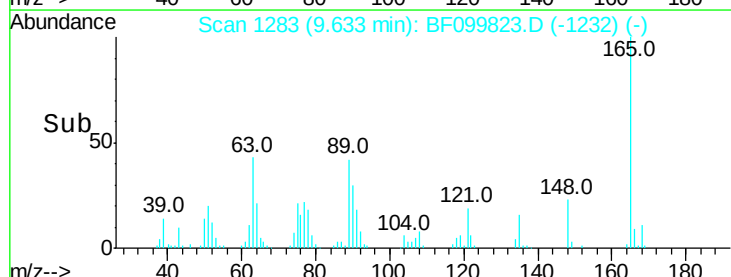
89 42.3 44.0 66.0#

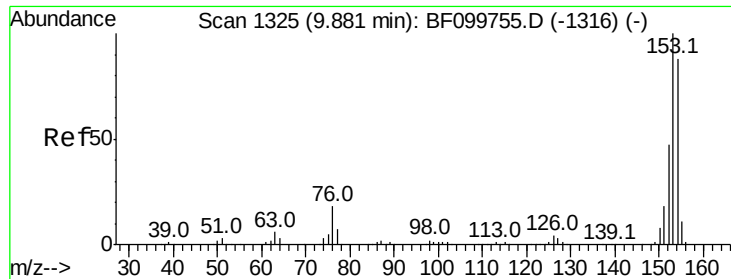


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.140 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

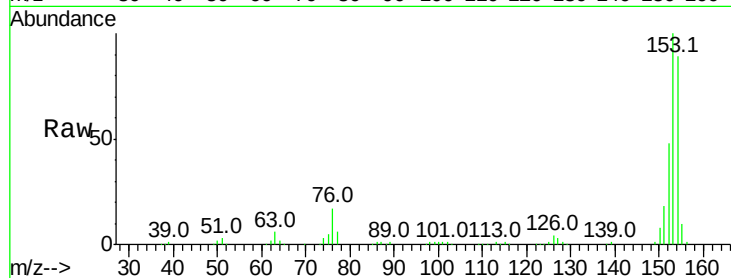
Tot Ion:154 Resp: 25525

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

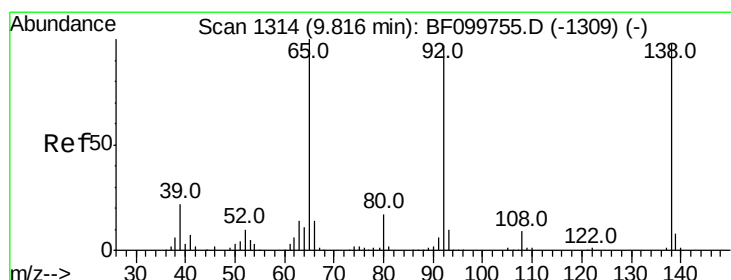
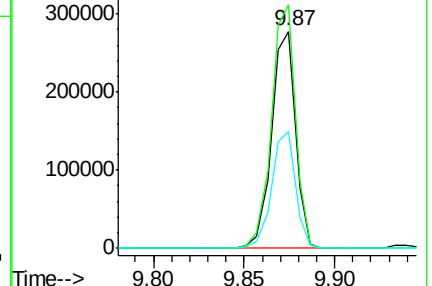
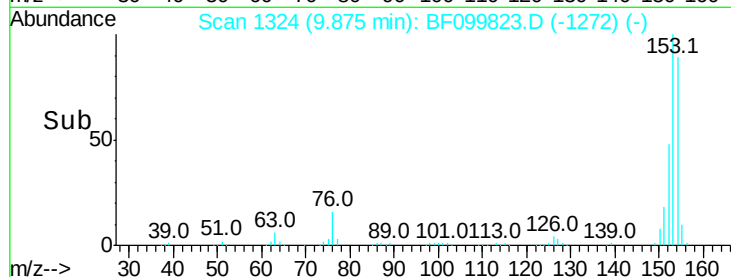
152 53.9 43.8 65.8



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: 19.869 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

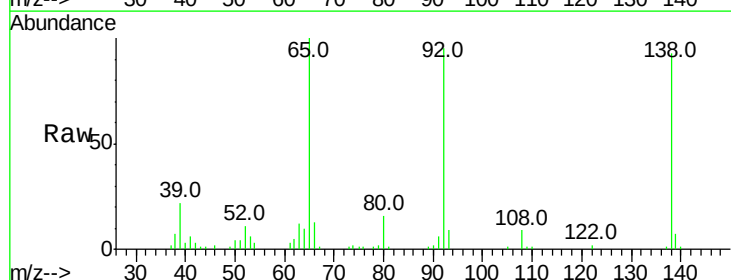
Tgt Ion:138 Resp: 51727

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

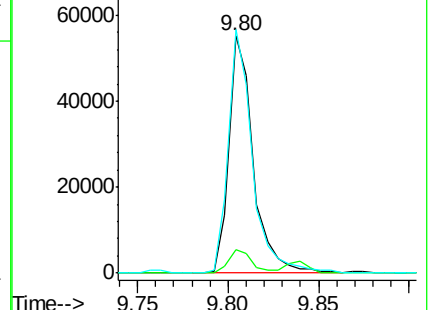
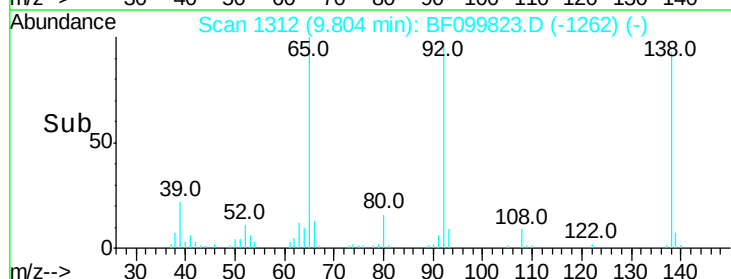
92 102.4 89.4 134.2

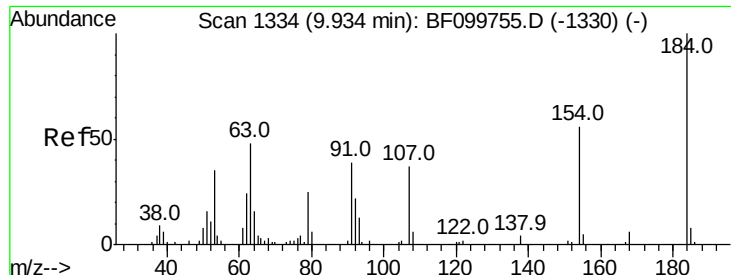


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

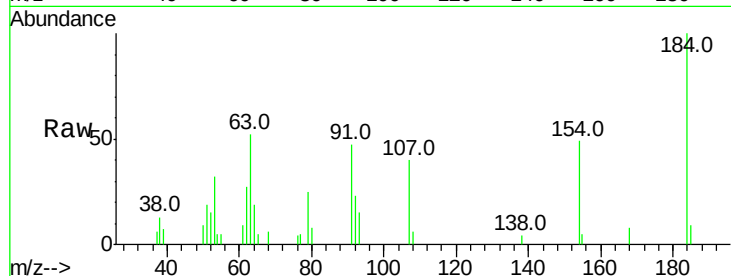




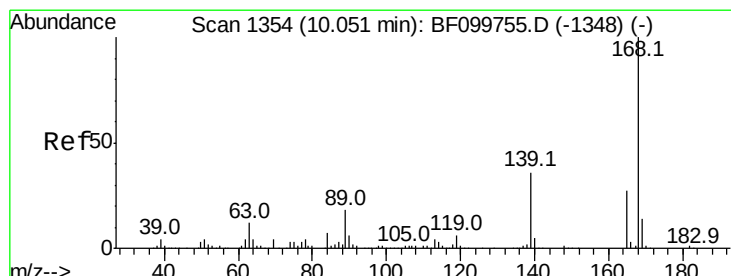
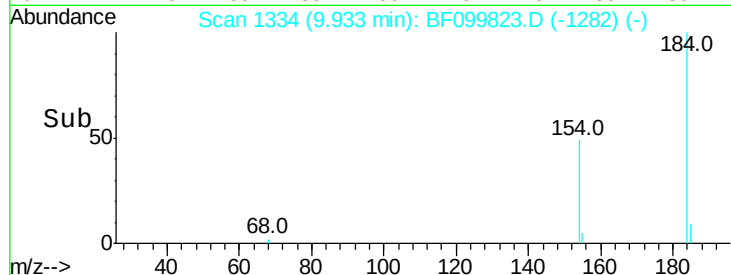
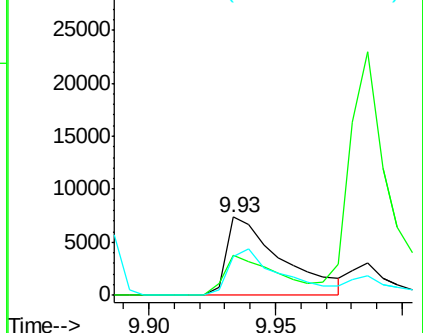
#53
 2,4-Dinitrophenol
 Concen: 17.607 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 11136
 Ion Ratio Lower Upper
 184 100
 63 51.6 54.2 81.2#
 154 49.1 53.5 80.3#

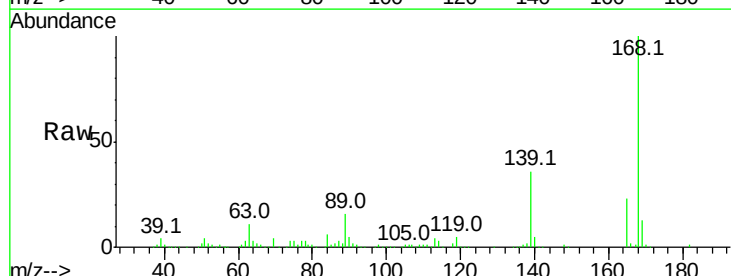


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

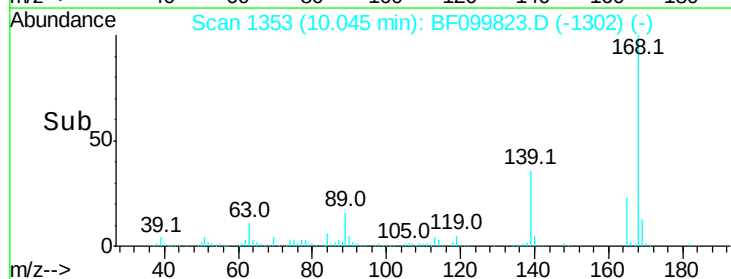
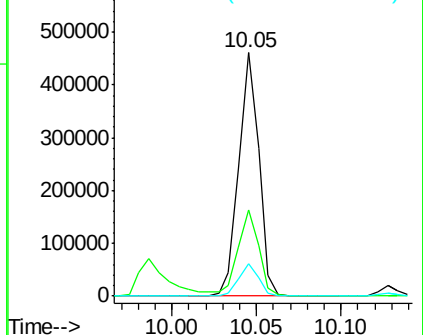


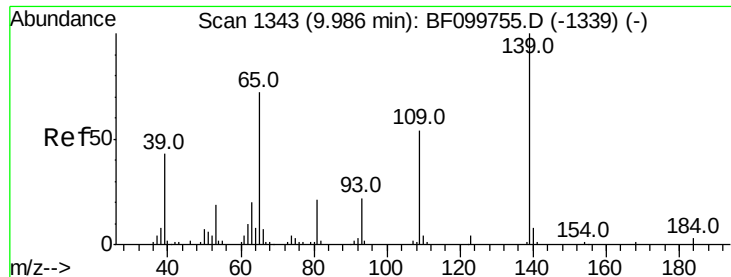
#54
 Dibenzofuran
 Concen: 32.753 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:168 Resp: 379372
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.1 45.1
 169 13.2 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: 60.919 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

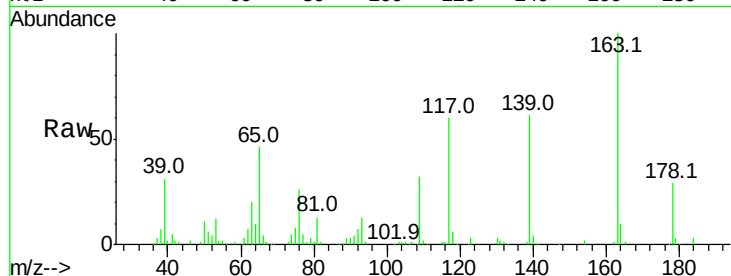
Tot Ion:139 Resp: 82867

Ion Ratio Lower Upper

139 100

109 52.1 48.4 88.4

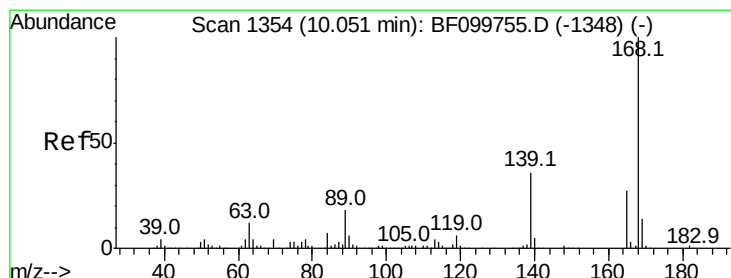
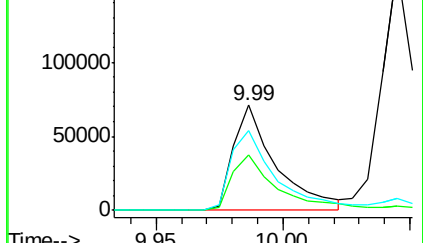
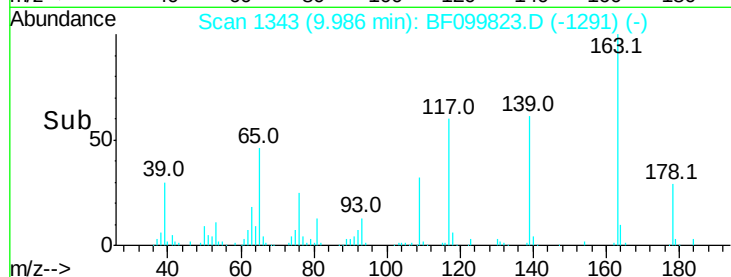
65 76.4 72.6 112.6



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: 33.073 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:165 Resp: 88002

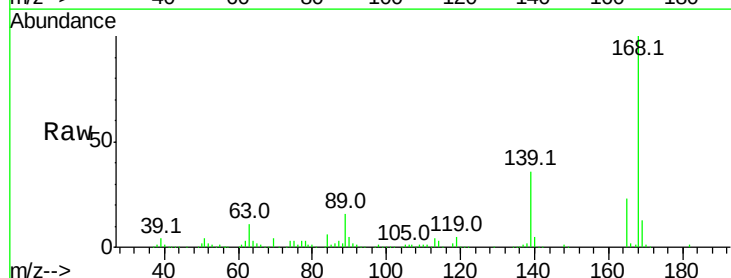
Ion Ratio Lower Upper

165 100

63 49.2 36.4 54.6

89 68.8 57.8 86.6

182 2.4 1.6 2.4

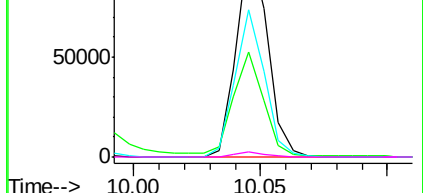
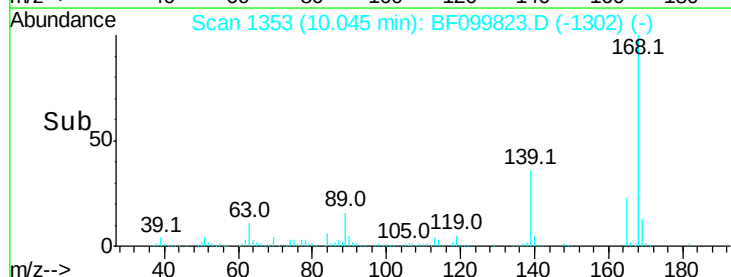


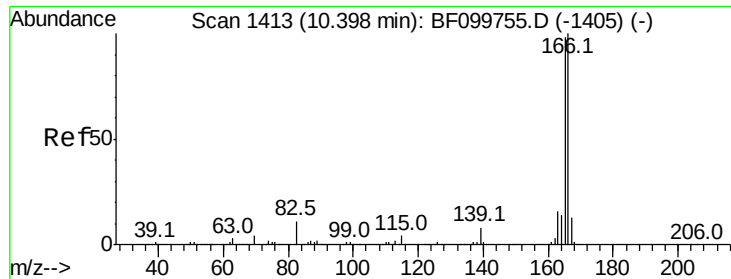
Abundance Ion 165.00 (164.70 to 165.70): E

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

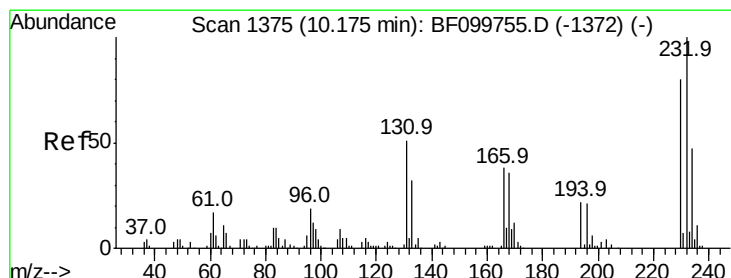
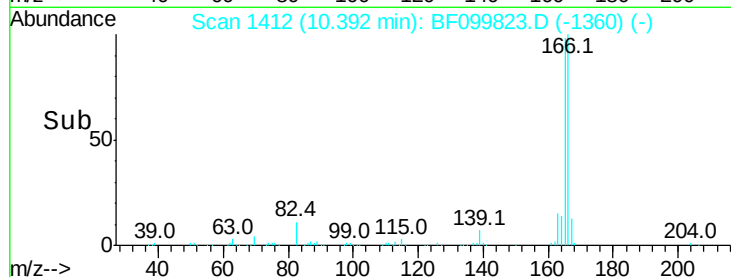
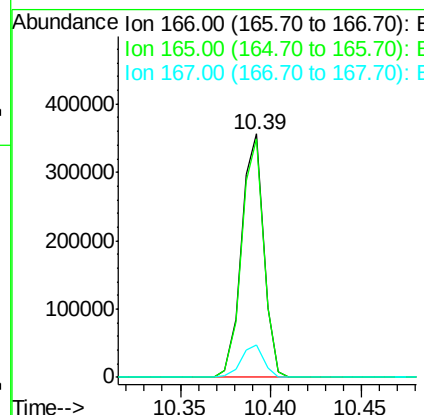
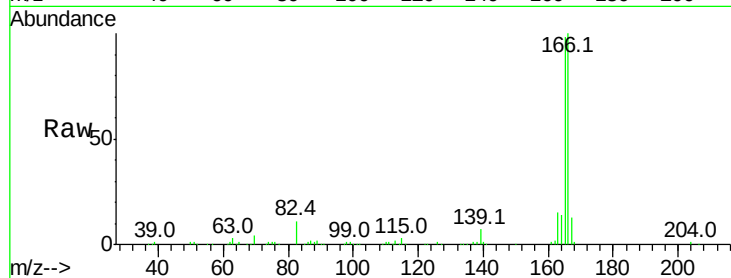




#57
 Fluorene
 Concen: 31.694 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

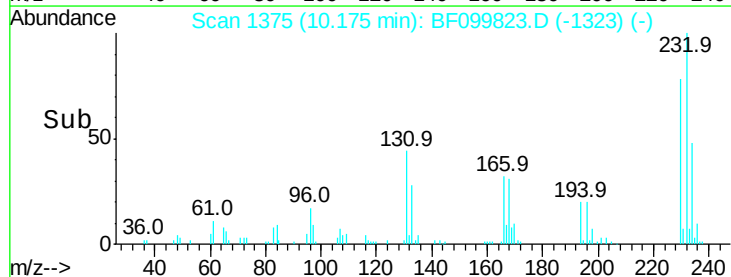
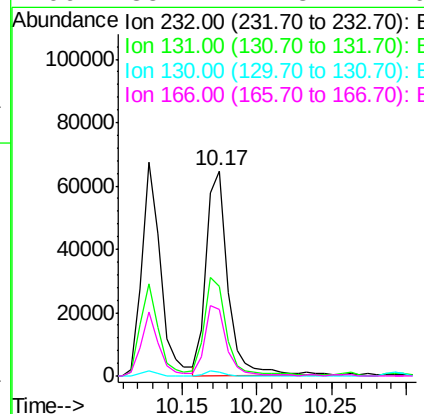
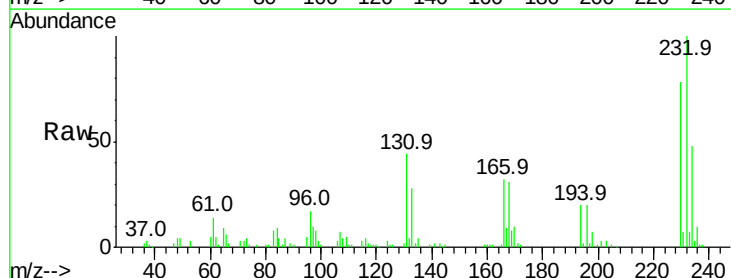
Instrument :
 BNA_F
 ClientSampleId :

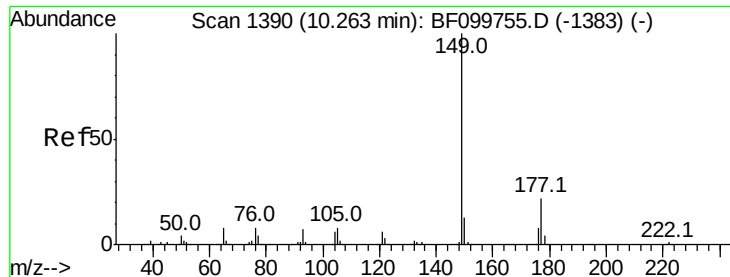
Tot Ion:166 Resp: 303959
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.406 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:232 Resp: 64445
 Ion Ratio Lower Upper
 232 100
 131 50.6 43.8 65.8
 130 2.2 2.1 3.1
 166 35.4 27.8 41.6

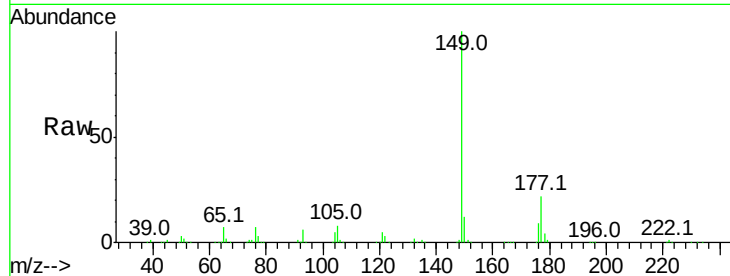




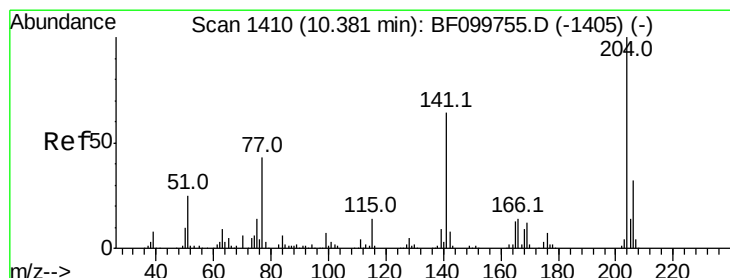
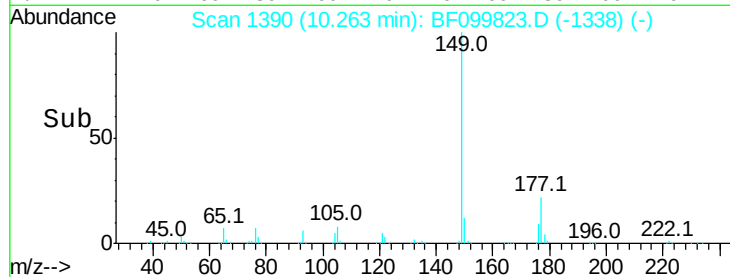
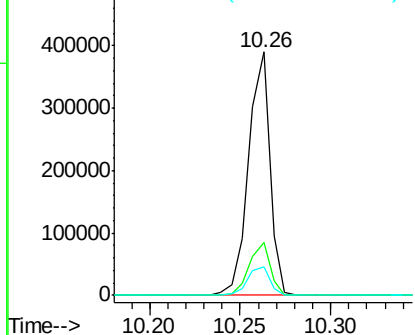
#59
Diethylphthalate
Concen: 31.196 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	11.9	10.1	15.1

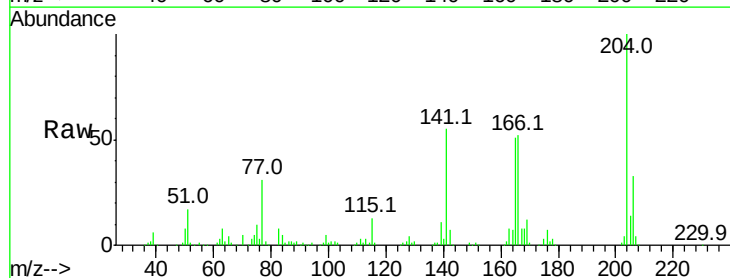


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

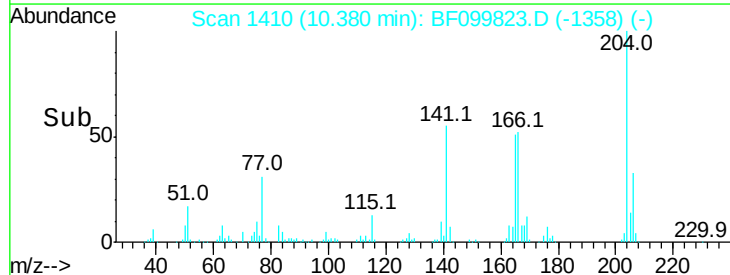
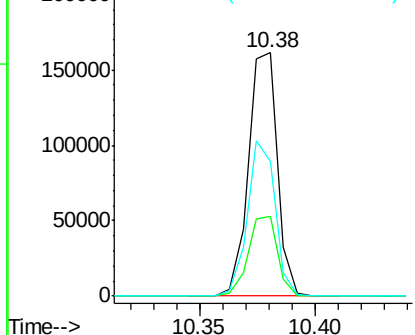


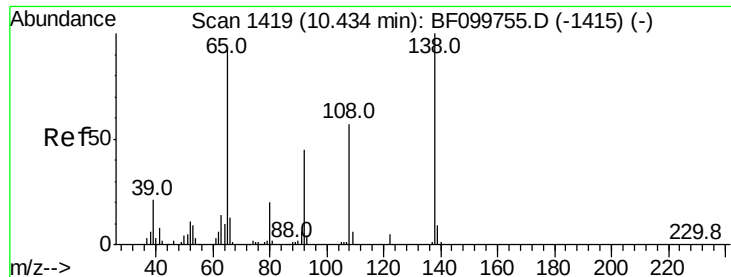
#60
4-Chlorophenyl-phenylether
Concen: 31.507 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	55.4	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.061 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

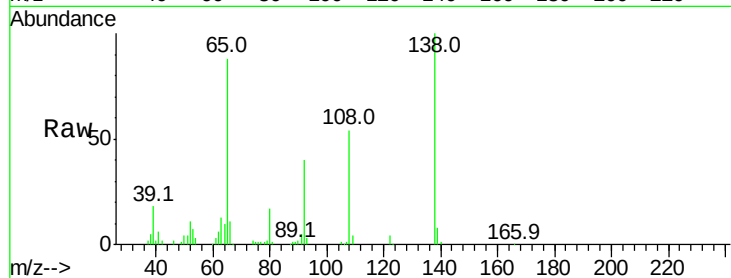
Tot Ion:138 Resp: 64731

Ion Ratio Lower Upper

138 100

92 40.3 30.2 70.2

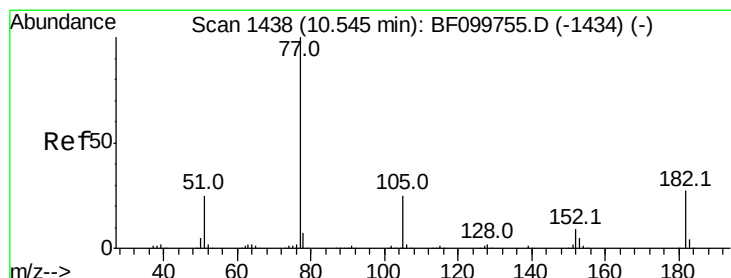
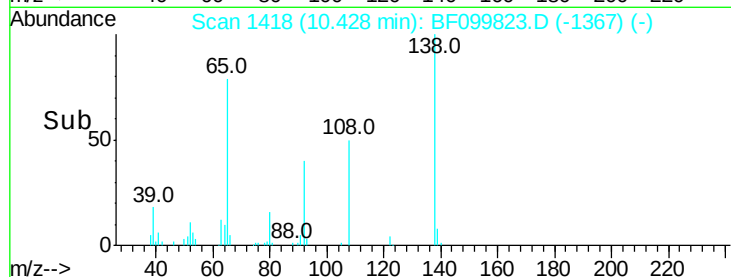
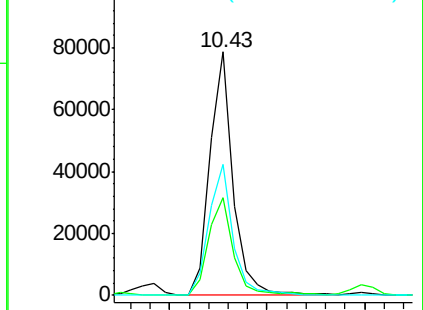
108 53.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.065 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion: 77 Resp: 267274

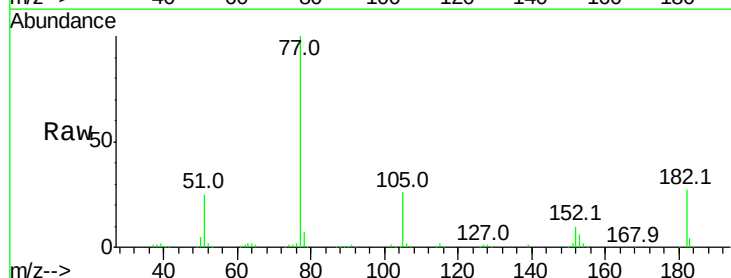
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 25.6 3.0 43.0

51 24.6 9.9 49.9

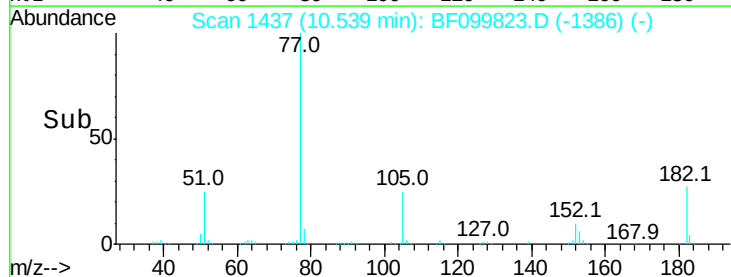
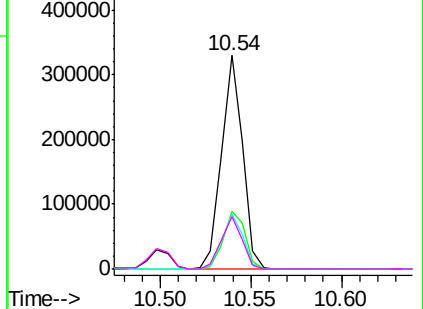


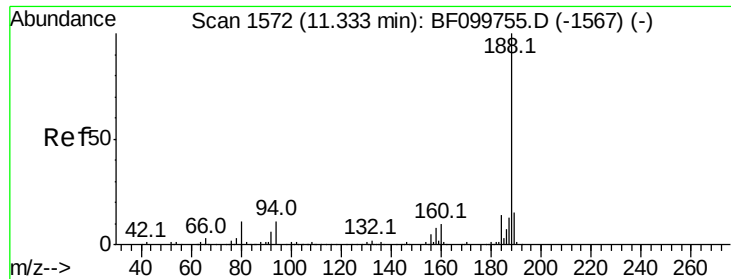
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

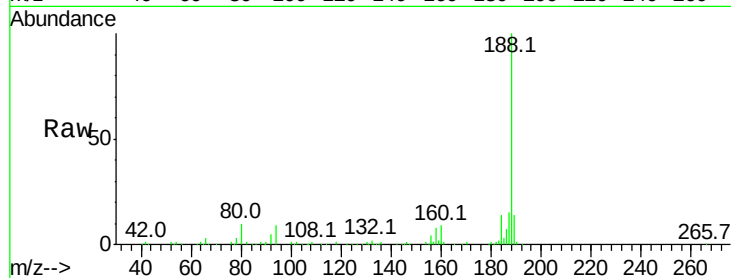




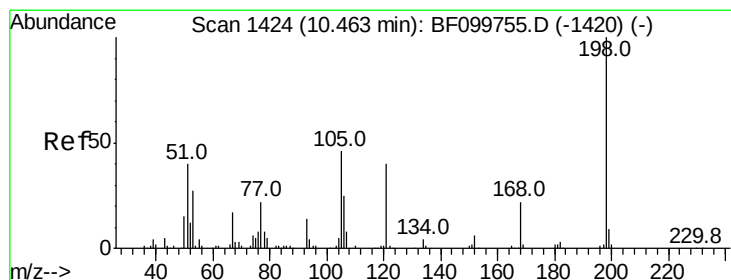
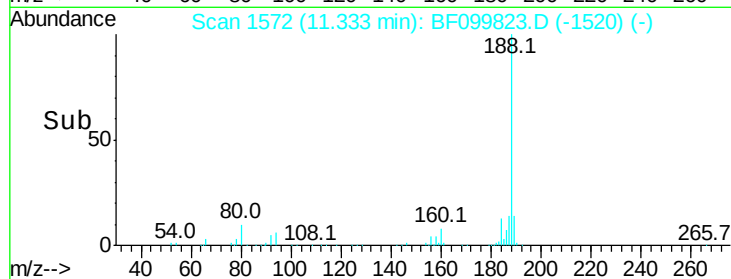
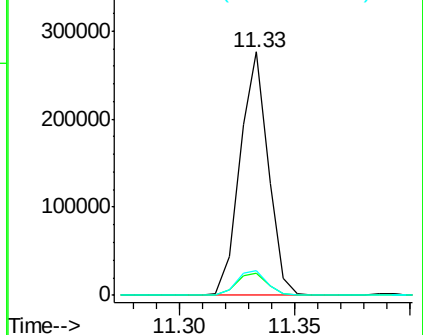
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 234510
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8

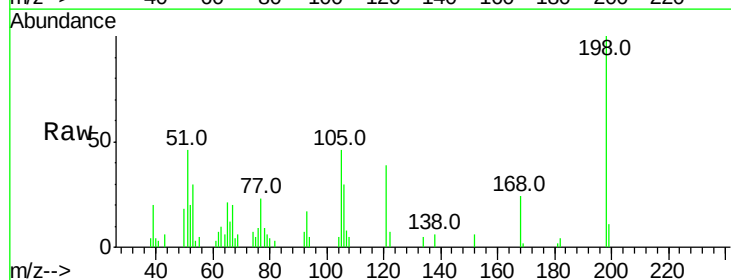


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

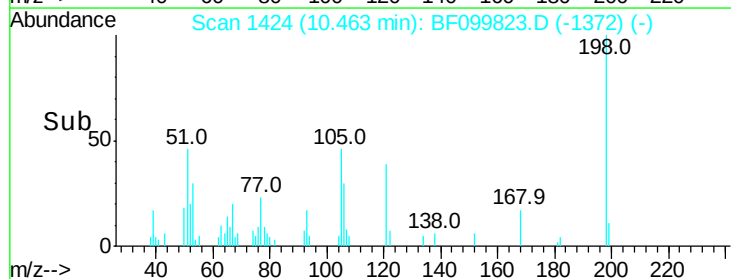
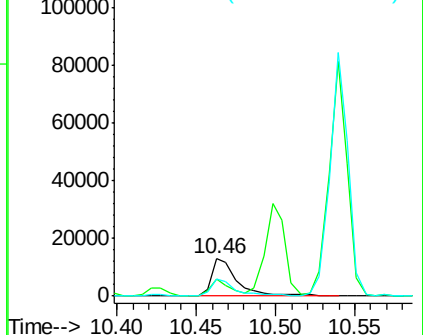


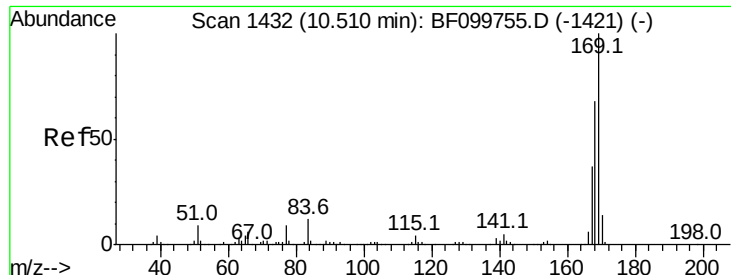
#64
4,6-Dinitro-2-methylphenol
Concen: 9.889 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion:198 Resp: 14578
Ion Ratio Lower Upper
198 100
51 45.6 37.7 77.7
105 45.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

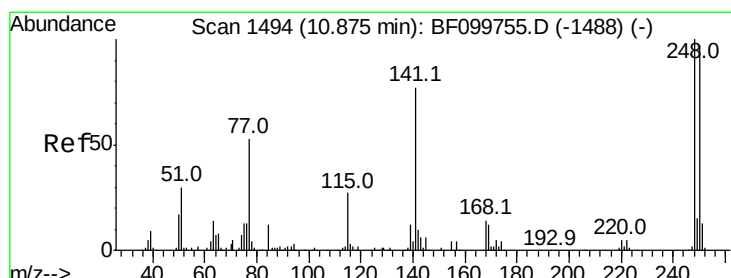
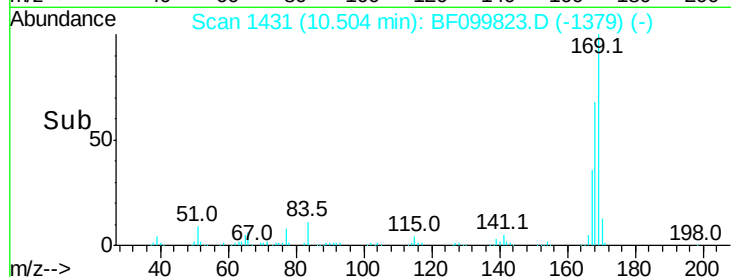
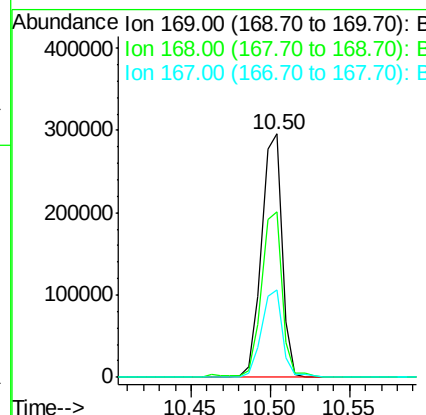
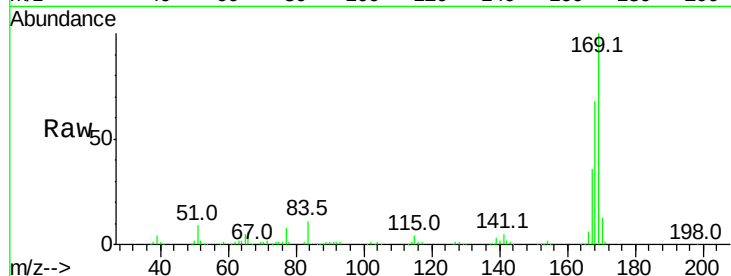




#65
n-Nitrosodiphenylamine
Concen: 30.987 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

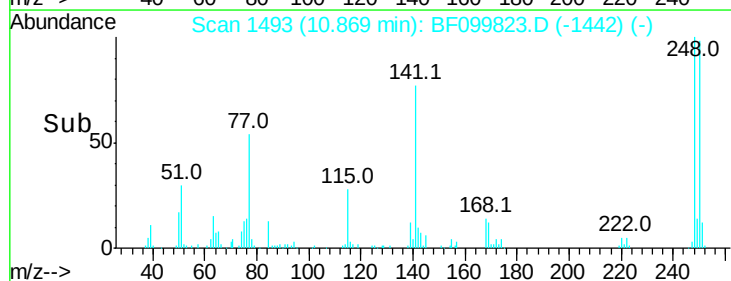
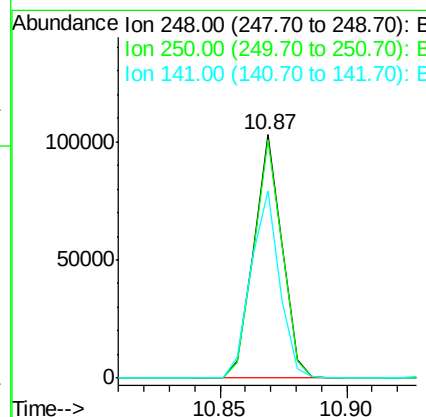
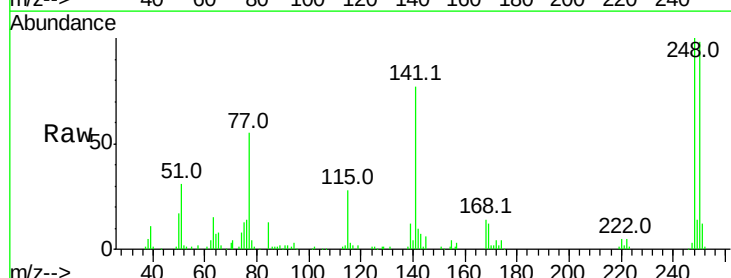
Instrument :
BNA_F
ClientSampleId :

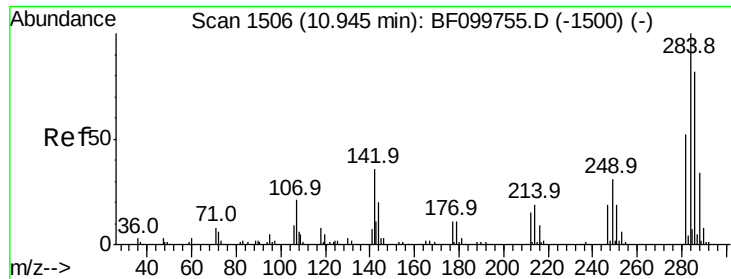
Tot Ion:169 Resp: 268247
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 35.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 32.445 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion:248 Resp: 80102
Ion Ratio Lower Upper
248 100
250 97.8 76.9 115.3
141 76.9 74.4 111.6

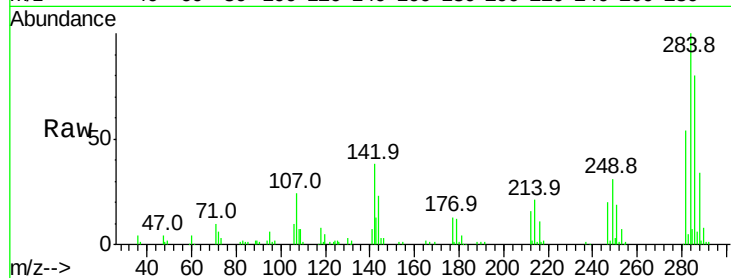




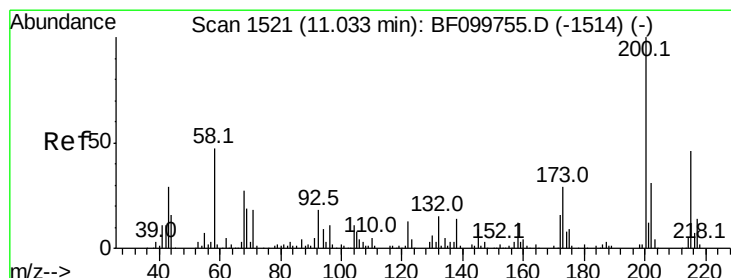
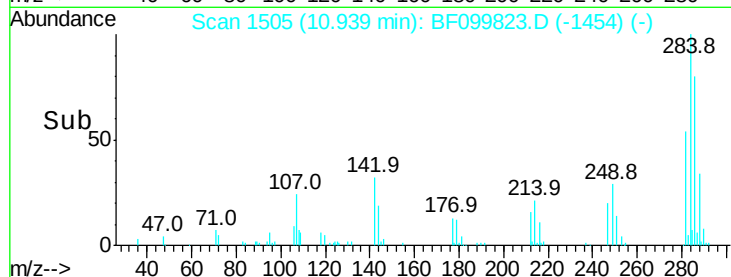
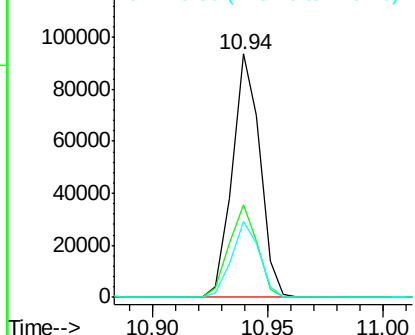
#67
Hexachlorobenzene
Concen: 31.062 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 78455
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 31.3 24.8 37.2

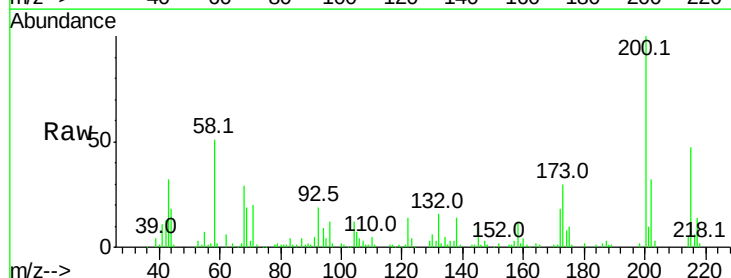


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

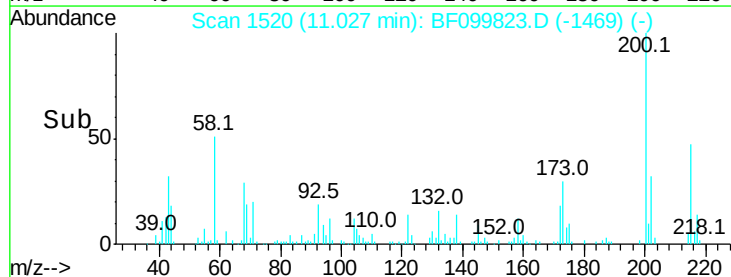
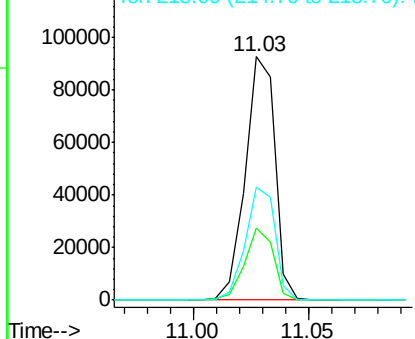


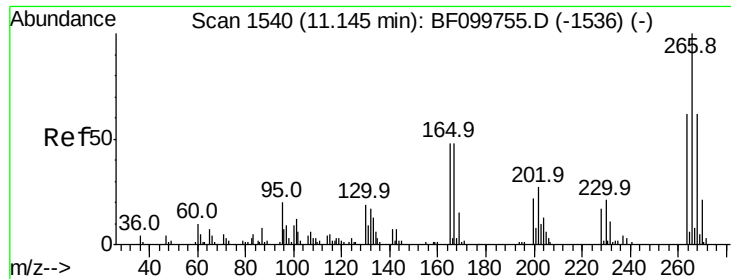
#68
Atrazine
Concen: 32.120 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion:200 Resp: 83525
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 46.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

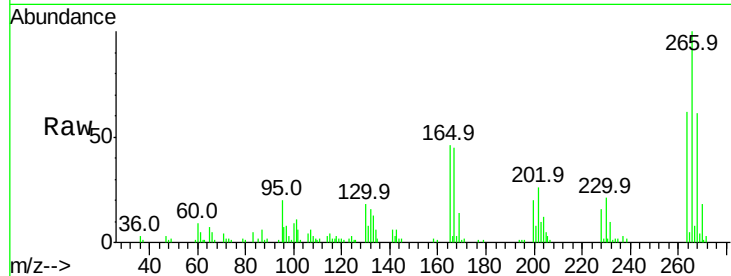




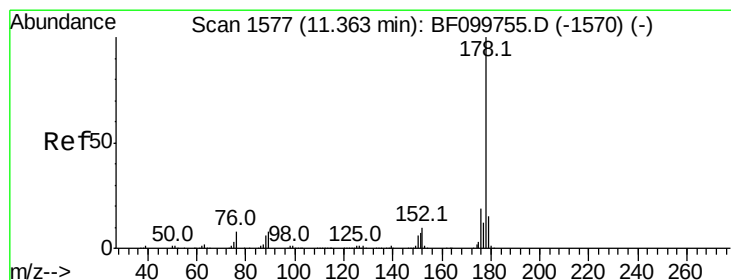
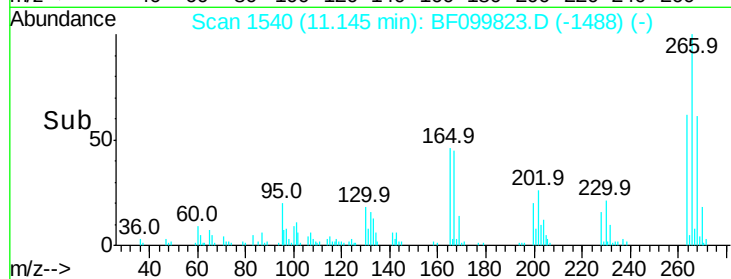
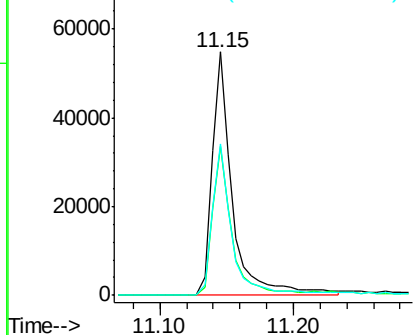
#69
 Pentachlorophenol
 Concen: 54.202 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	62.0	49.5	74.3

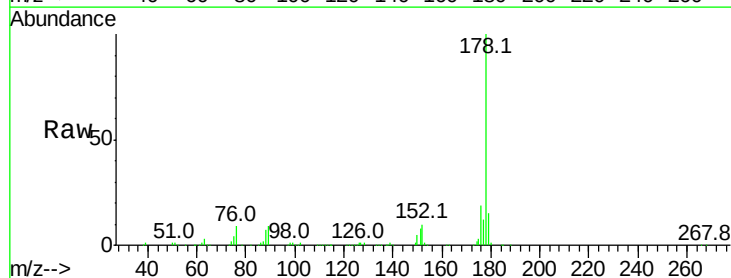


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

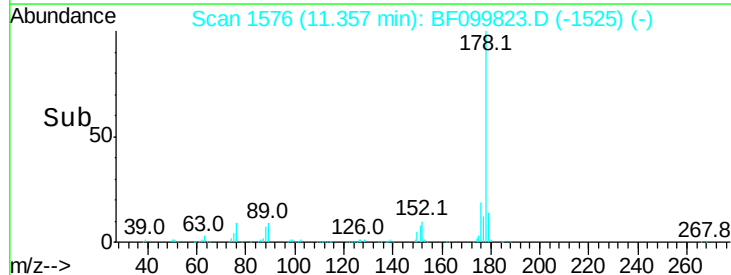
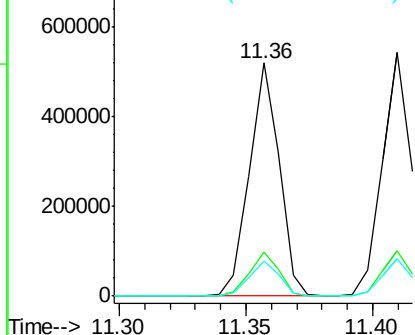


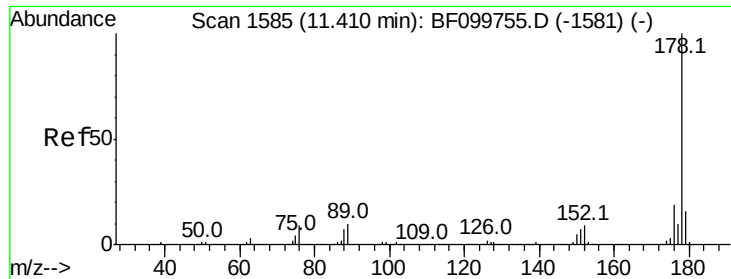
#70
 Phenanthrene
 Concen: 32.271 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	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: 32.549 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

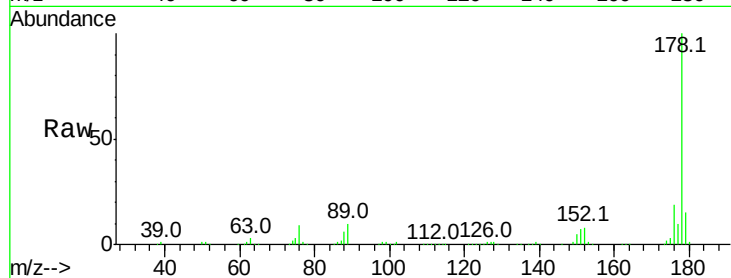
Tot Ion:178 Resp: 437253

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

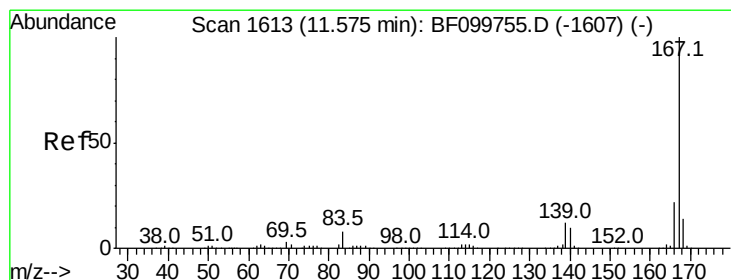
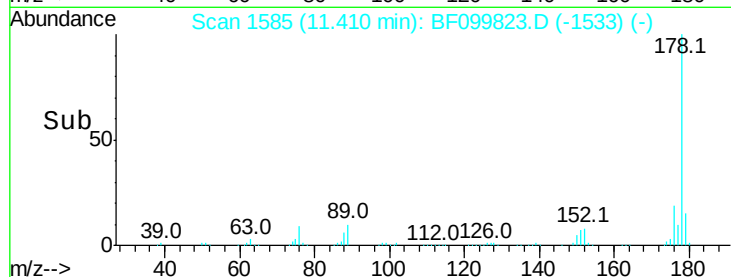
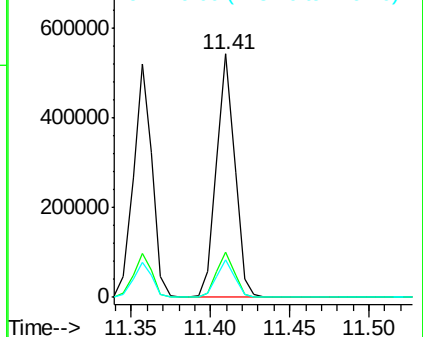
179 15.4 12.6 19.0



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: 32.211 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

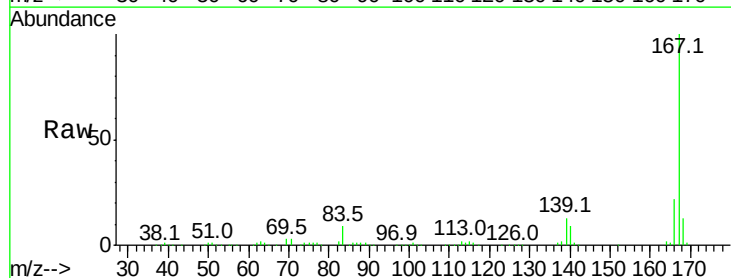
Tgt Ion:167 Resp: 406915

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

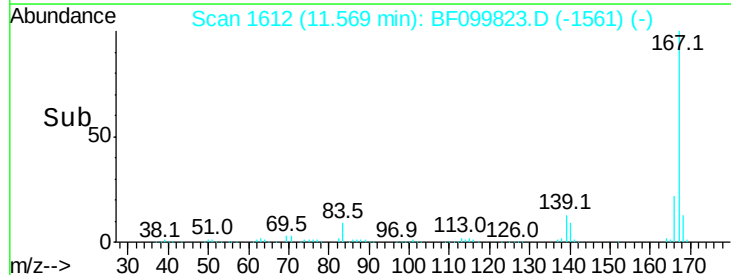
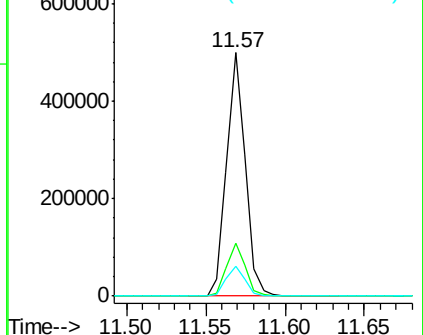
139 12.5 10.9 16.3

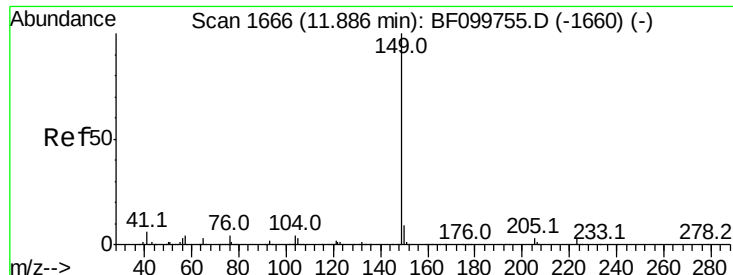


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.020 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

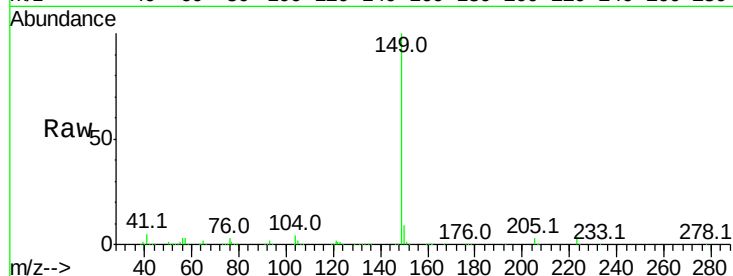
Tot Ion:149 Resp: 515932

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

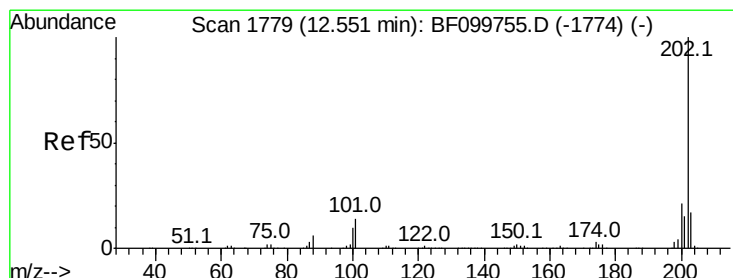
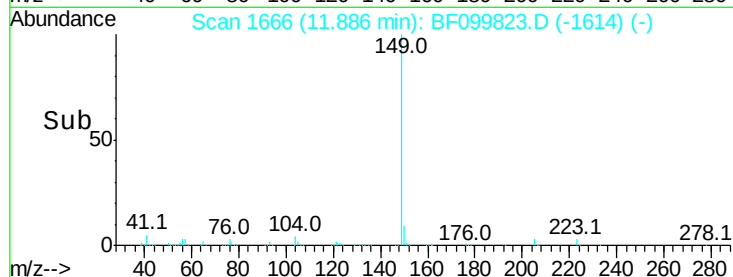
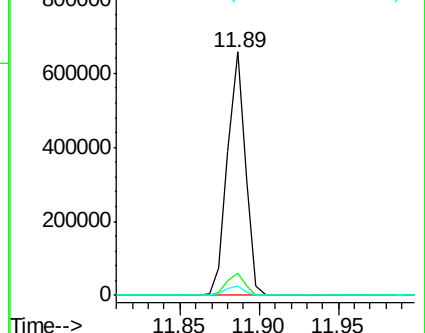
104 3.9 3.8 5.8



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: 31.348 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

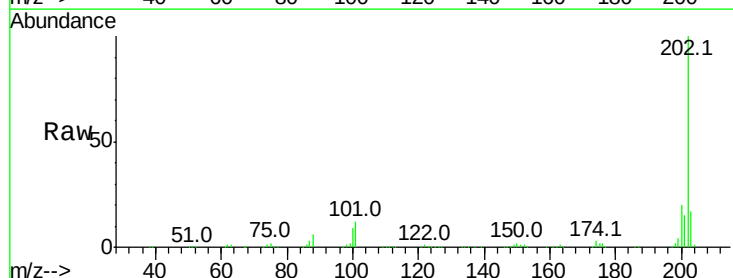
Tgt Ion:202 Resp: 431154

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

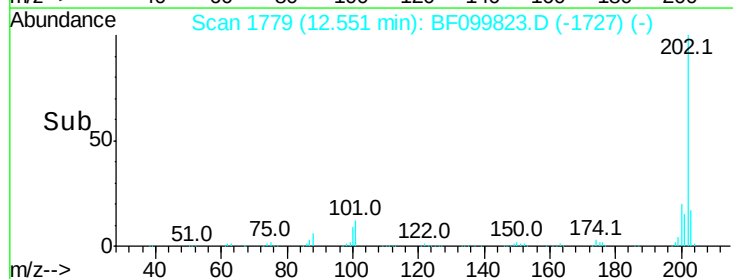
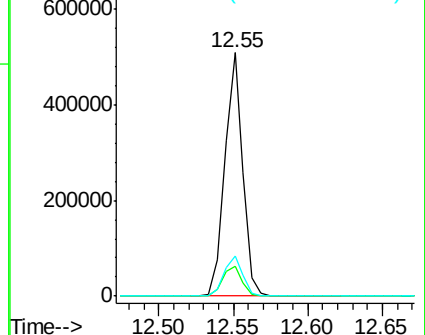
203 16.5 0.0 38.1

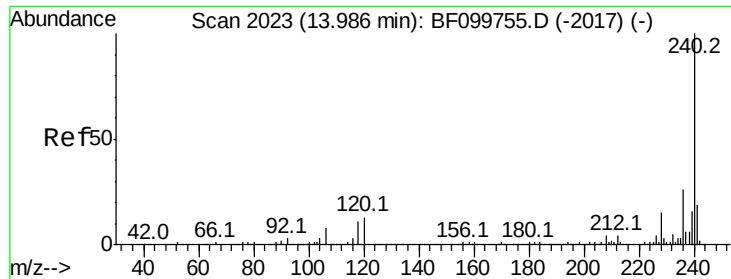


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

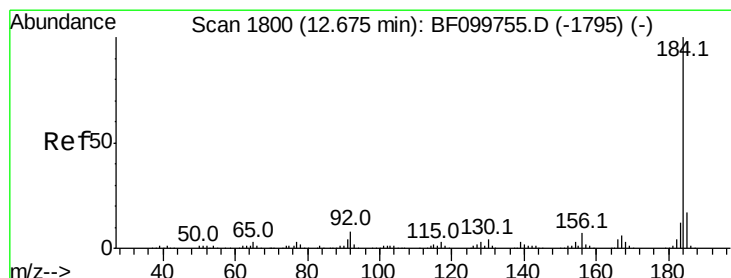
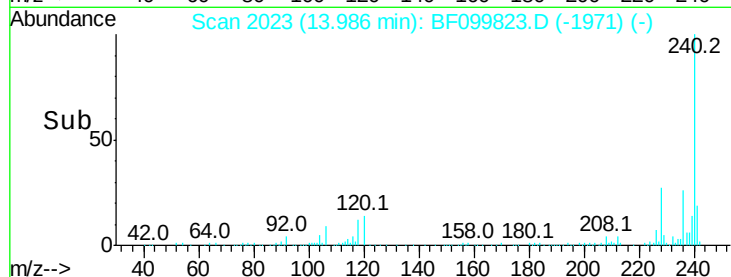
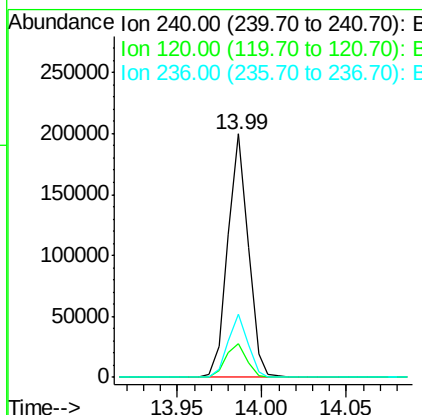
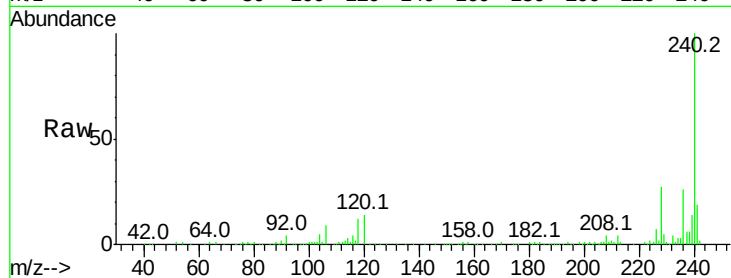




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

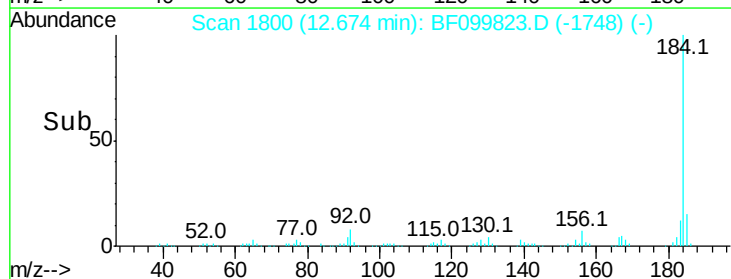
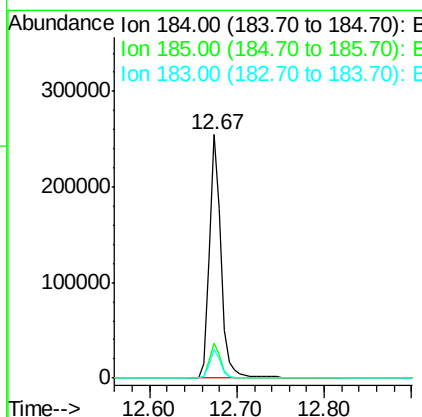
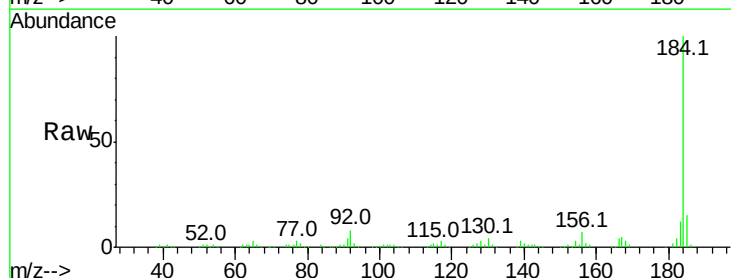
Instrument :
 BNA_F
 ClientSampleId :

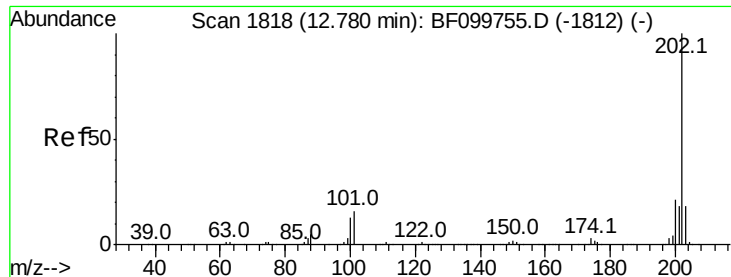
Tot Ion:240 Resp: 167642
 Ion Ratio Lower Upper
 240 100
 120 14.0 9.5 14.3
 236 26.1 20.7 31.1



#76
 Benzidine
 Concen: 32.238 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion:184 Resp: 236480
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.6 18.8
 183 12.0 9.3 13.9

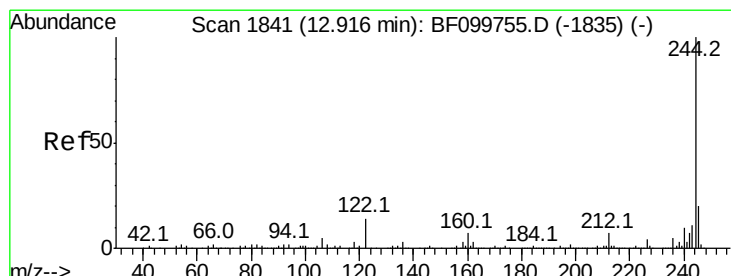
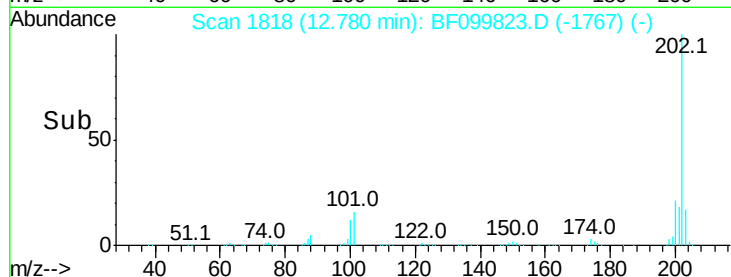
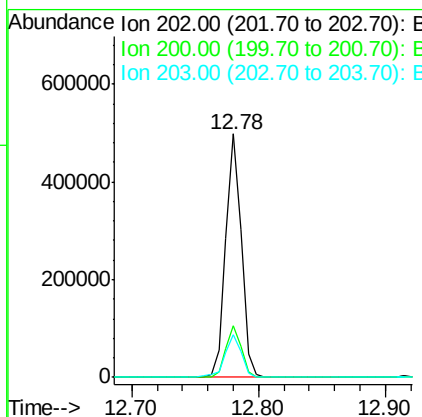
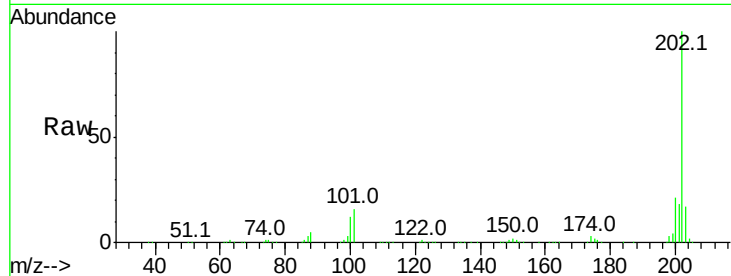




#77
 Pvrene
 Concen: 33.459 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

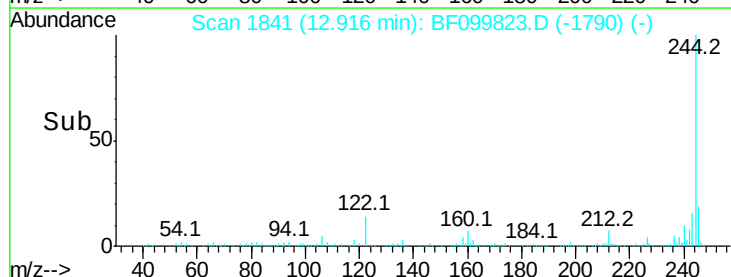
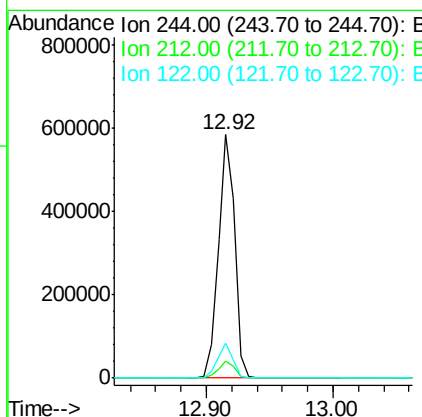
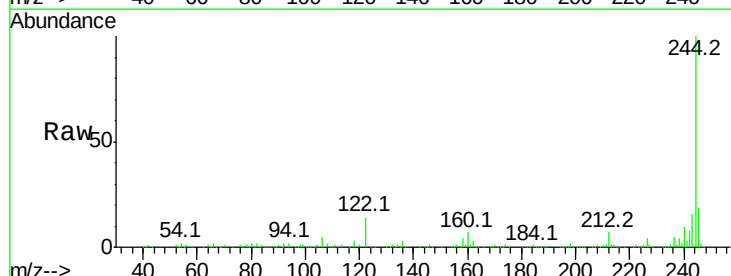
Instrument :
 BNA_F
 ClientSampleId :

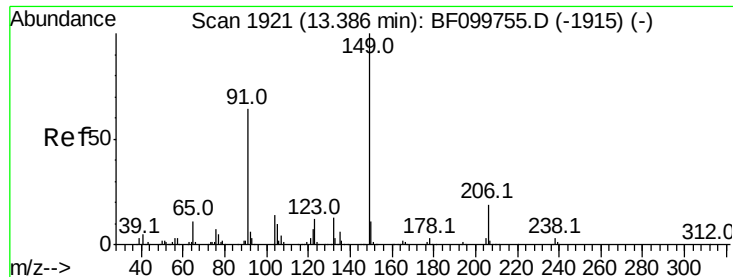
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



#78
 Terphenyl-d14
 Concen: 69.048 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.1	11.0	16.4

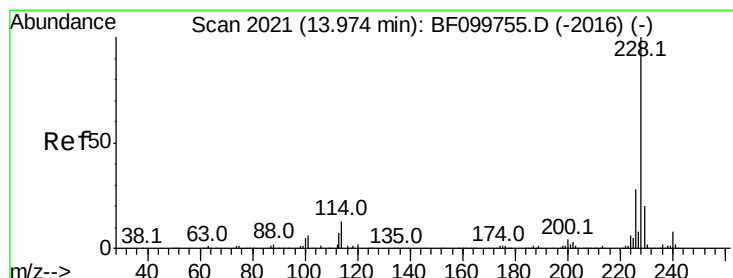
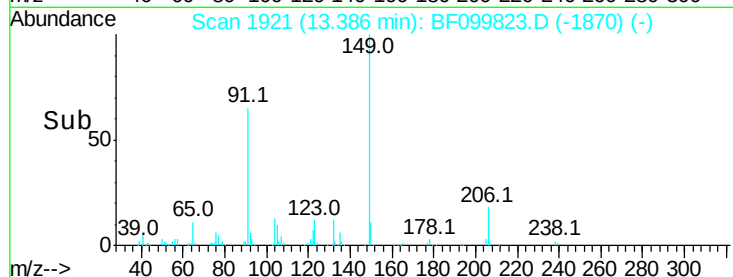
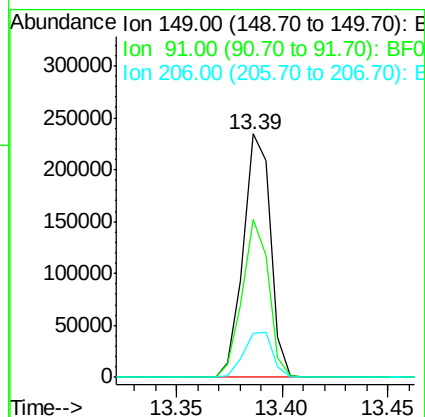
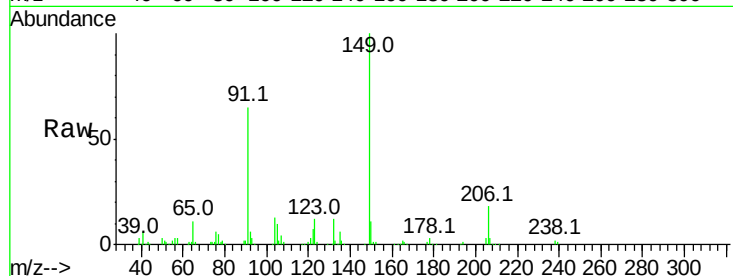




#79
 Butylbenzylphthalate
 Concen: 33.317 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

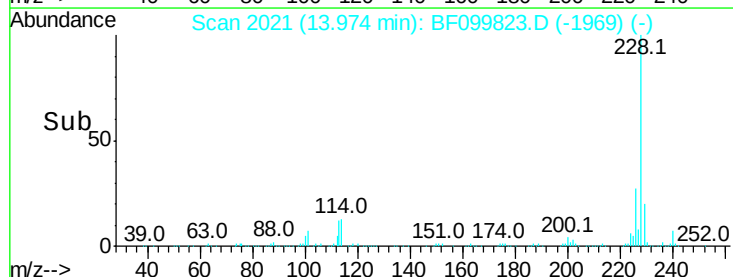
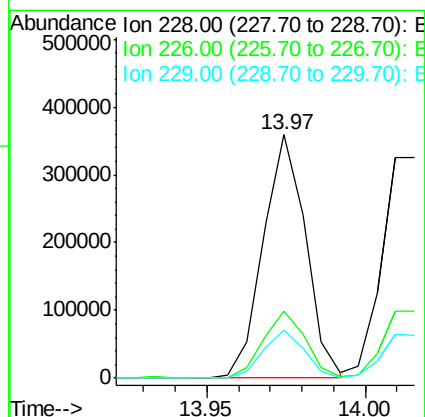
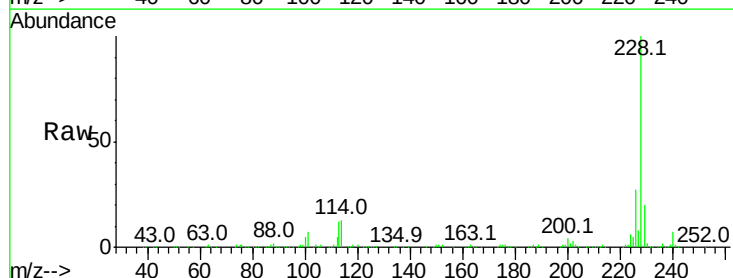
Instrument :
 BNA_F
 ClientSampleId :

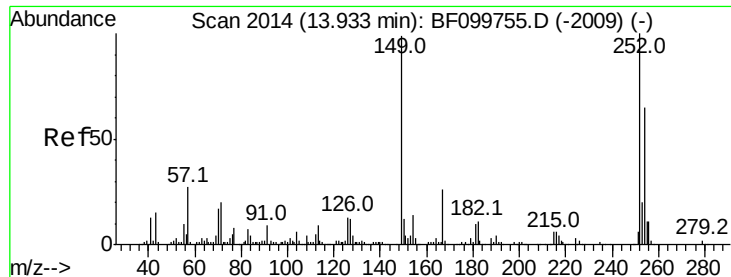
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.8	85.2
206	18.2	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 31.485 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.6	15.8	23.6

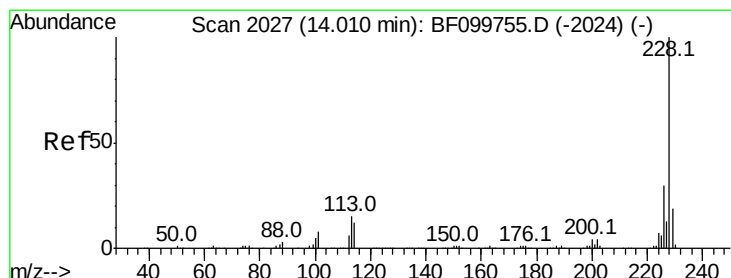
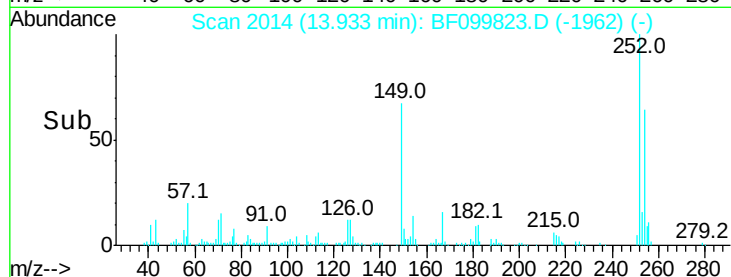
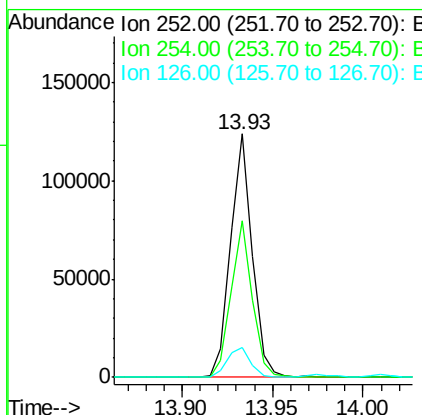
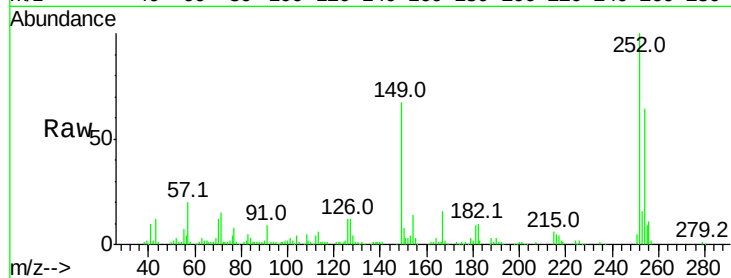




#81
 3,3'-Dichlorobenzidine
 Concen: 26.880 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

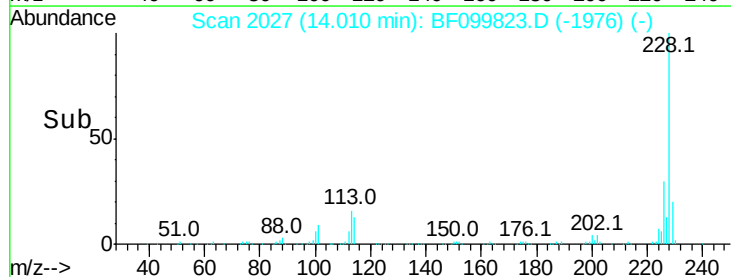
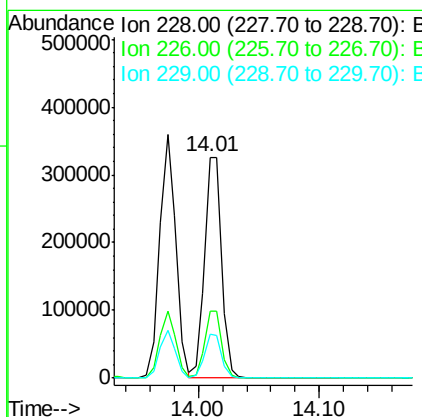
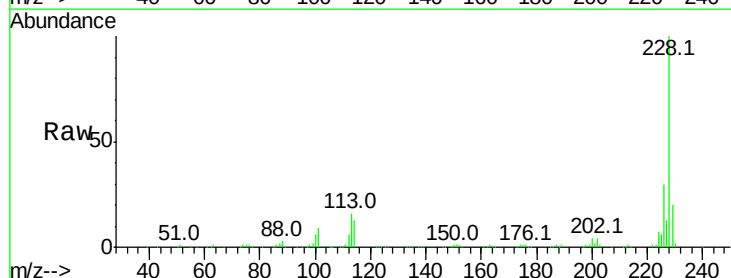
Instrument :
 BNA_F
 ClientSampleId :

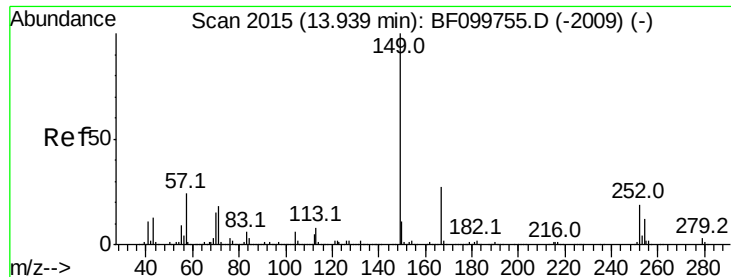
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.5	11.3	16.9



#82
 Chrysene
 Concen: 32.183 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.509 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

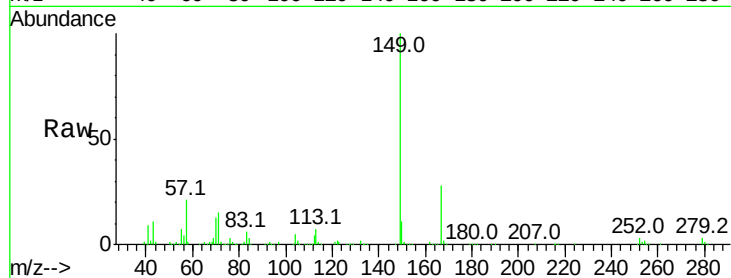
Tot Ion:149 Resp: 295385

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

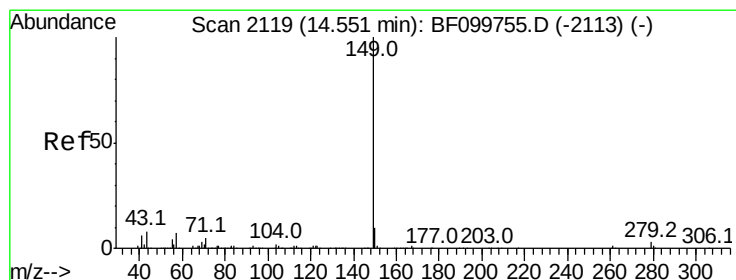
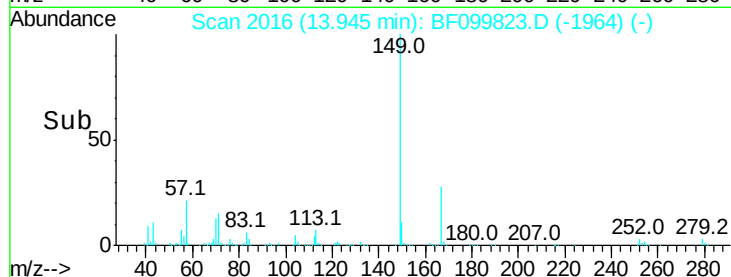
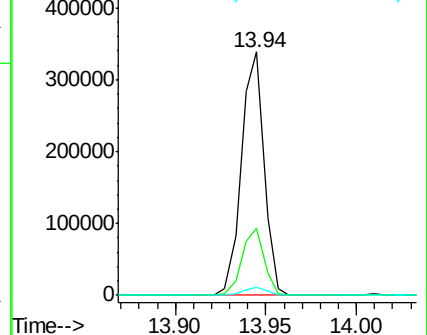
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.569 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

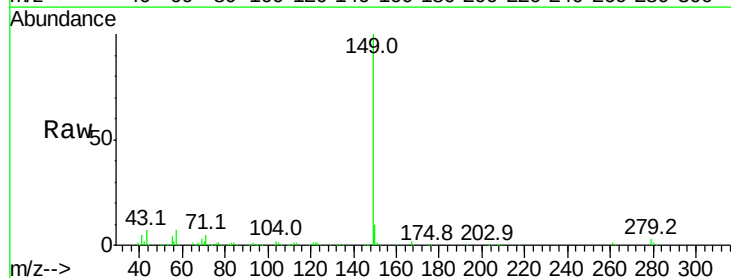
Tgt Ion:149 Resp: 477634

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

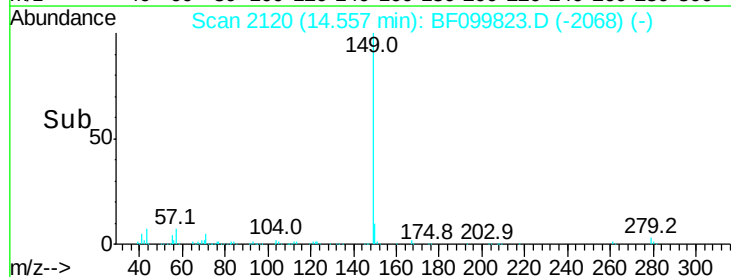
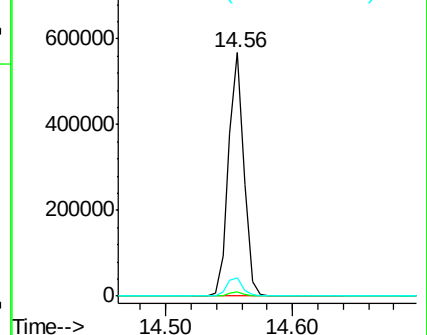
43 7.6 8.4 12.6#

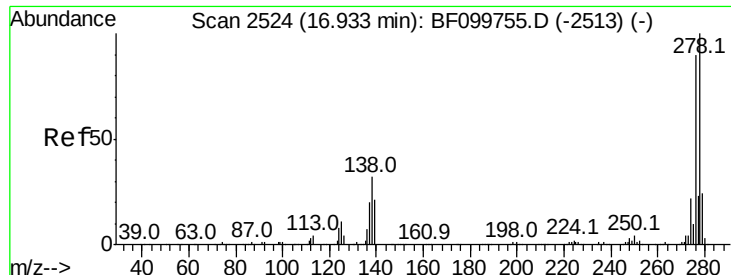


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

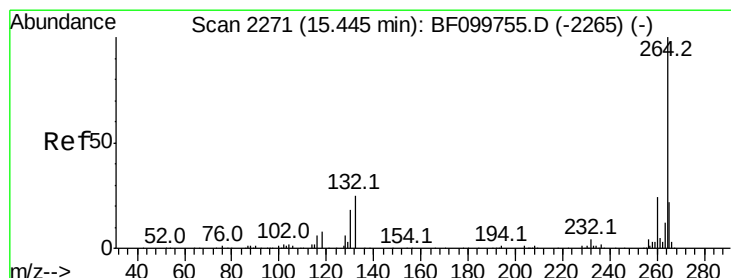
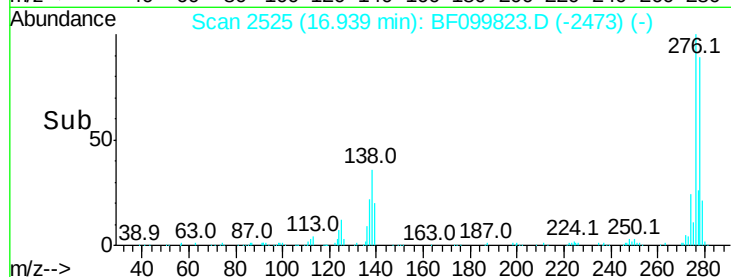
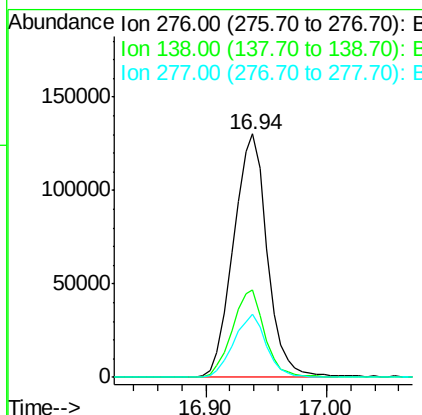
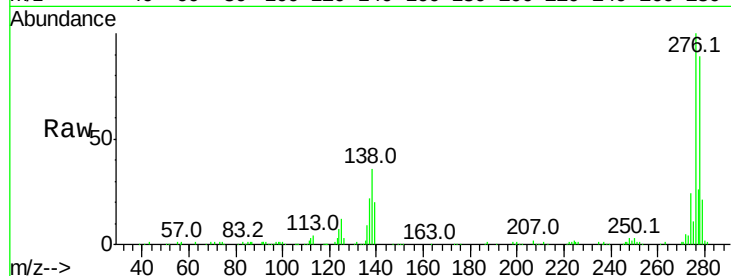




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.703 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

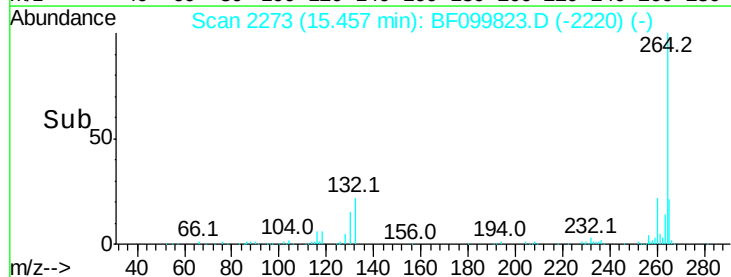
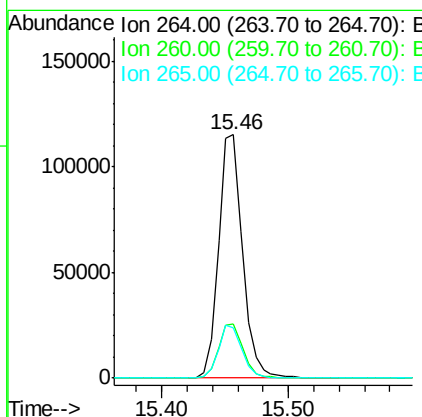
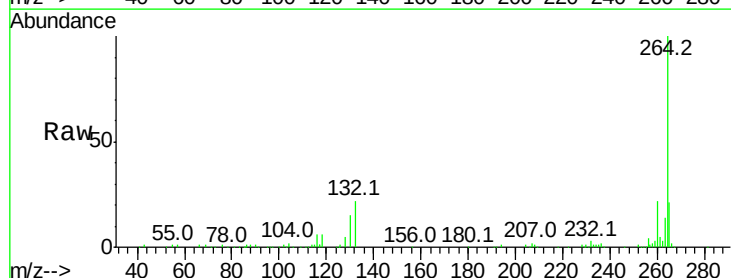
Instrument :
BNA_F
ClientSampleId :

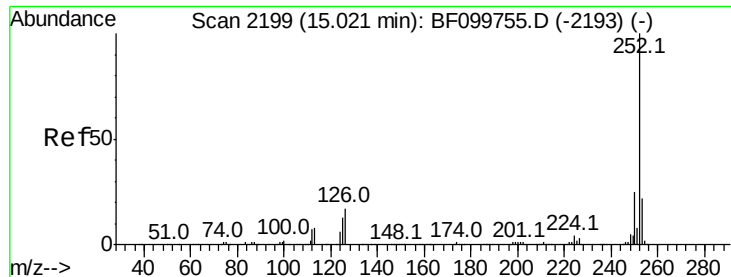
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3

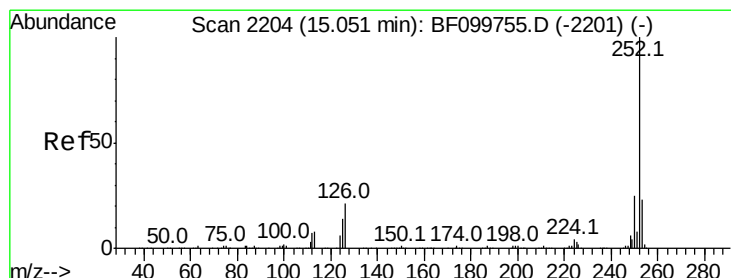
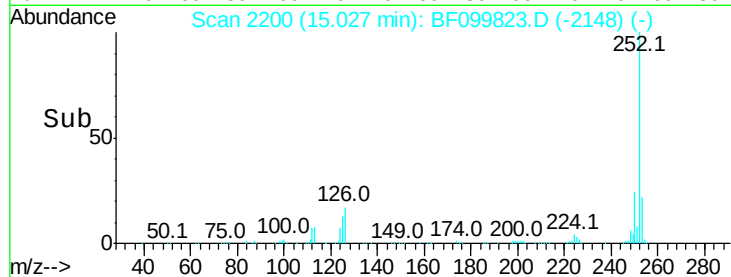
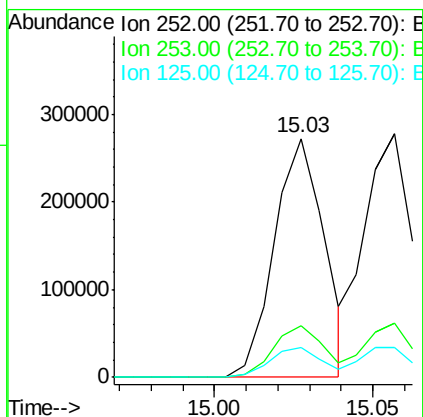
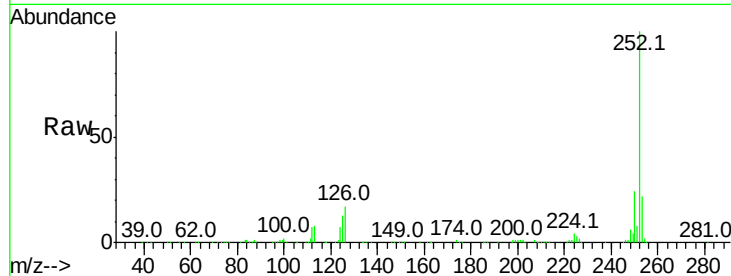




#87
Benzo(b)fluoranthene
Concen: 31.227 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

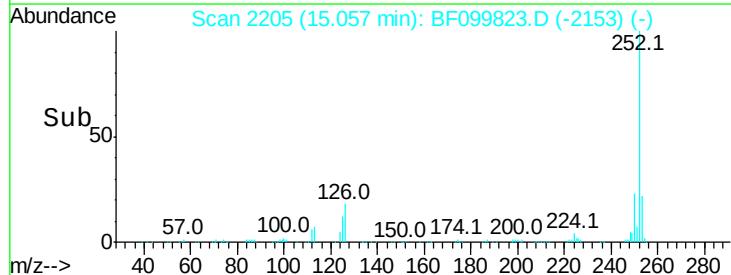
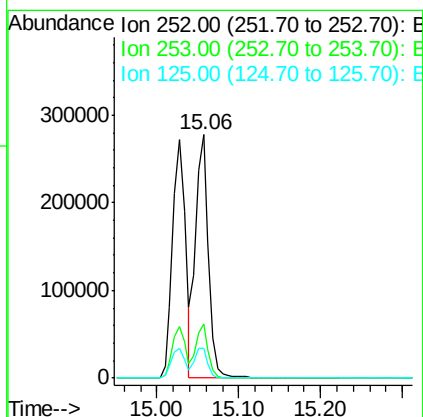
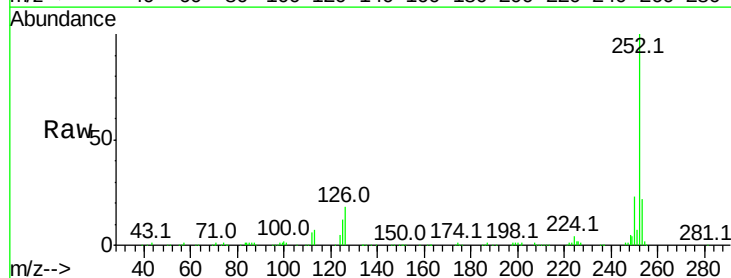
Instrument :
BNA_F
ClientSampleId :

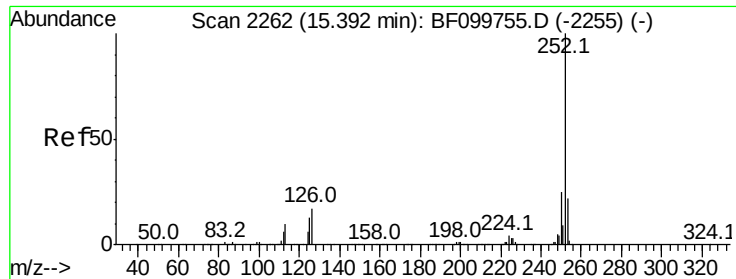
Tot Ion:252 Resp: 299515
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.908 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion:252 Resp: 306685
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.564 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

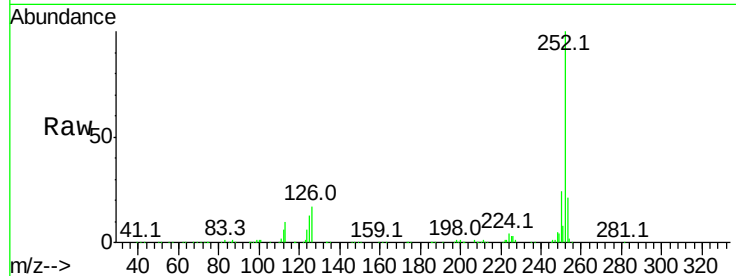
Tot Ion:252 Resp: 289188

Ion Ratio Lower Upper

252 100

253 20.8 17.1 25.7

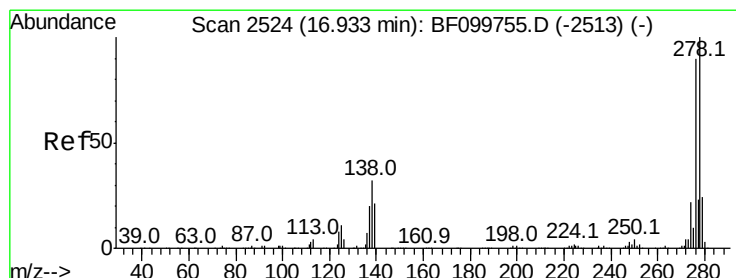
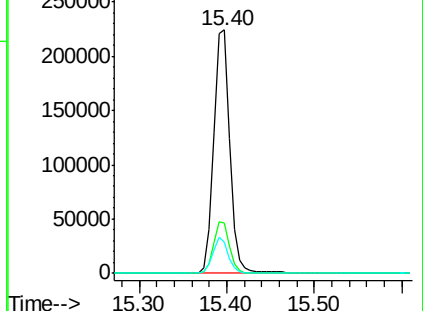
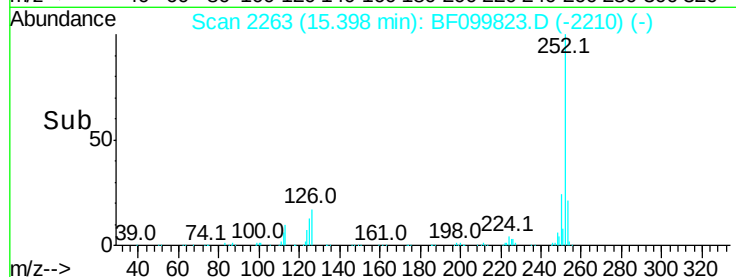
125 12.6 9.8 14.6



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: 28.744 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

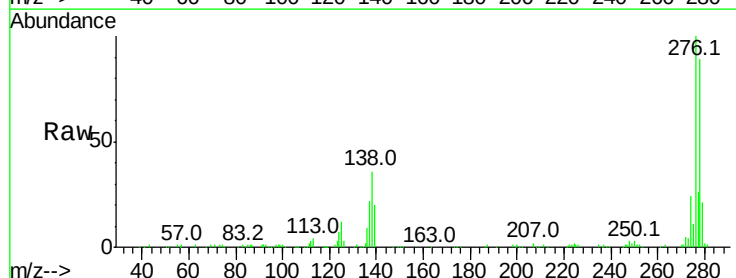
Tgt Ion:278 Resp: 220061

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

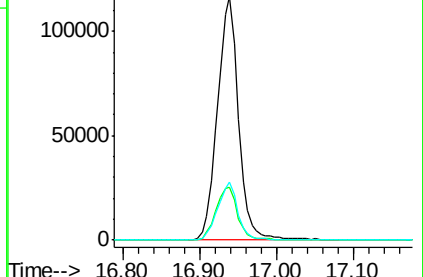
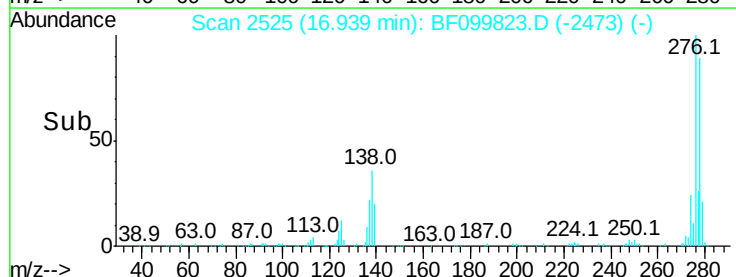
279 23.9 19.0 28.4

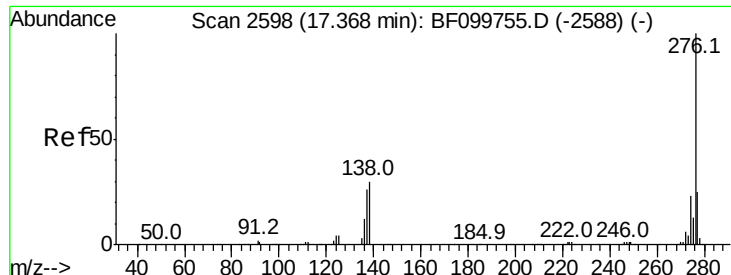


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.234 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

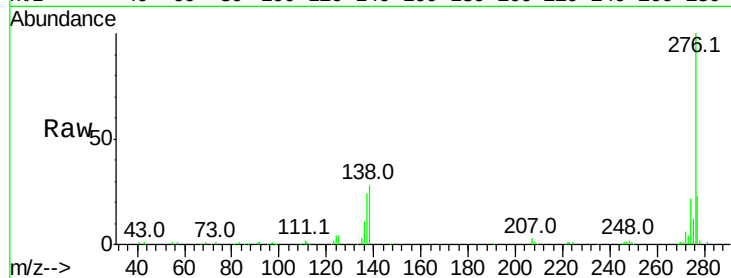
Tot Ion:276 Resp: 203982

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 27.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

