

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099383.D
 Acq On : 12 Oct 2017 10:03
 Operator : SJ/JU
 Sample : PB103152BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 16:37:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108027	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	447642	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	202874	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	337773	20.00	ng	0.00
75) Chrysene-d12	14.02	240	188703	20.00	ng	0.00
86) Perylene-d12	15.48	264	196871	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	570036	84.00	ng	0.02
7) Phenol-d6	6.49	99	690064	82.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	592291	84.85	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	130911	78.86	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1088919	89.61	ng	0.00
78) Terphenyl-d14	12.96	244	826841	99.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	115230	35.547	ng	93
3) Pyridine	3.49	79	310627	35.423	ng	93
4) n-Nitrosodimethylamine	3.45	42	129170	34.736	ng	83
6) Aniline	6.52	93	334330	29.591	ng	99
8) 2-Chlorophenol	6.64	128	315966	41.115	ng	96
9) Benzaldehyde	6.40	77	108899	22.426	ng	95
10) Phenol	6.50	94	393662	42.047	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	289653	39.796	ng	97
12) 1,3-Dichlorobenzene	6.79	146	331701	41.214	ng	98
13) 1,4-Dichlorobenzene	6.87	146	333357	40.710	ng	99
14) 1,2-Dichlorobenzene	7.02	146	308082	40.718	ng	98
15) Benzyl Alcohol	7.00	79	237655	38.698	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	402040	35.454	ng	93
17) 2-Methylphenol	7.11	107	254294	40.441	ng	99
18) Hexachloroethane	7.36	117	114365	38.856	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	189926	35.535	ng	93
20) 3+4-Methylphenols	7.26	107	305525	38.408	ng	# 74
22) Acetophenone	7.26	105	404596	37.305	ng	# 95
24) Nitrobenzene	7.44	77	308190	38.922	ng	95
25) Isophorone	7.67	82	564560	39.120	ng	99
26) 2-Nitrophenol	7.75	139	167292	43.936	ng	91
27) 2,4-Dimethylphenol	7.79	122	274469	38.169	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	362567	40.314	ng	99
29) 2,4-Dichlorophenol	7.99	162	260261	42.155	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	269242	43.603	ng	96
31) Naphthalene	8.16	128	874417	41.591	ng	100
32) Benzoic acid	7.92	122	119197	20.180	ng	97
33) 4-Chloroaniline	8.20	127	216788	24.692	ng	97
34) Hexachlorobutadiene	8.27	225	127727	40.160	ng	98
35) Caprolactam	8.59	113	58106	29.340	ng	# 86
36) 4-Chloro-3-methylphenol	8.69	107	269009	38.766	ng	94
37) 2-Methylnaphthalene	8.85	142	603806	44.179	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	239912	39.653	ng	98
40) Hexachlorocyclopentadiene	9.00	237	99916	36.136	ng	98

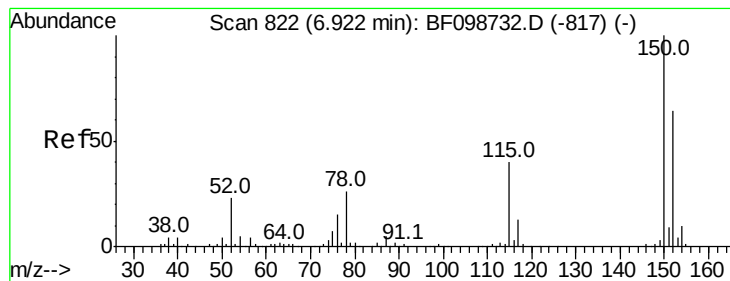
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	166507	38.847	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	172189	40.243	ng	# 93
45) 1,1'-Biphenyl	9.31	154	694660	39.841	ng	99
46) 2-Chloronaphthalene	9.34	162	545733	41.687	ng	97
47) 2-Nitroaniline	9.44	65	158971	39.658	ng	91
48) Acenaphthylene	9.76	152	824383	41.136	ng	99
49) Dimethylphthalate	9.61	163	642861	41.985	ng	99
50) 2,6-Dinitrotoluene	9.68	165	142907	42.870	ng	86
51) Acenaphthene	9.93	154	481917	37.962	ng	98
52) 3-Nitroaniline	9.85	138	126458	32.535	ng	88
53) 2,4-Dinitrophenol	9.96	184	30654	22.204	ng	88
54) Dibenzofuran	10.10	168	728134	43.079	ng	99
55) 4-Nitrophenol	10.02	139	183273	55.764	ng	90
56) 2,4-Dinitrotoluene	10.09	165	182018	42.073	ng	90
57) Fluorene	10.44	166	570885	42.022	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	114545	38.754	ng	98
59) Diethylphthalate	10.31	149	605138	40.445	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	257293	42.161	ng	96
61) 4-Nitroaniline	10.47	138	152289	40.612	ng	85
62) Azobenzene	10.59	77	552735	40.178	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	30384	14.785	ng	92
65) n-Nitrosodiphenylamine	10.55	169	511755	43.734	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	150046	45.383	ng	99
67) Hexachlorobenzene	10.99	284	147200	41.685	ng	97
68) Atrazine	11.07	200	155320	44.117	ng	98
69) Pentachlorophenol	11.19	266	111210	50.603	ng	98
70) Phenanthrene	11.40	178	773343	42.773	ng	99
71) Anthracene	11.46	178	790965	42.756	ng	99
72) Carbazole	11.61	167	713983	39.412	ng	100
73) Di-n-butylphthalate	11.93	149	919391	42.163	ng	100
74) Fluoranthene	12.59	202	682705	37.290	ng	97
76) Benzidine	12.71	184	322898	46.264	ng	98
77) Pyrene	12.82	202	680131	47.266	ng	100
79) Butylbenzylphthalate	13.43	149	316251	46.764	ng	91
80) Benzo(a)anthracene	14.00	228	502042	43.937	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	160542	38.327	ng	96
82) Chrysene	14.04	228	483110	44.410	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	413521	44.408	ng	98
84) Di-n-octyl phthalate	14.59	149	638229	42.566	ng	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	499724	57.425	ng	97
87) Benzo(b)fluoranthene	15.06	252	493194	40.745	ng	97
88) Benzo(k)fluoranthene	15.09	252	470590	39.362	ng	99
89) Benzo(a)pyrene	15.42	252	484234	43.582	ng	# 96
90) Dibenzo(a,h)anthracene	16.98	278	414868	46.656	ng	98
91) Benzo(g,h,i)perylene	17.42	276	404575	46.029	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampled :

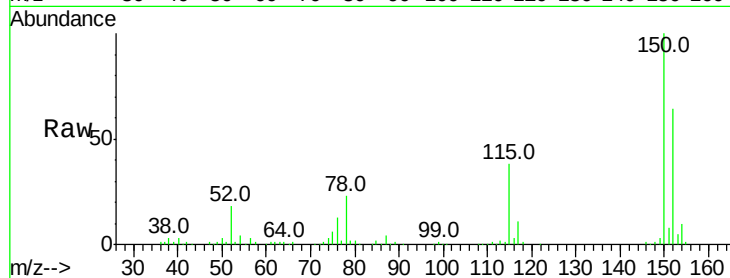
Tot Ion:152 Resp: 108027

Ion Ratio Lower Upper

152 100

150 156.9 124.6 186.8

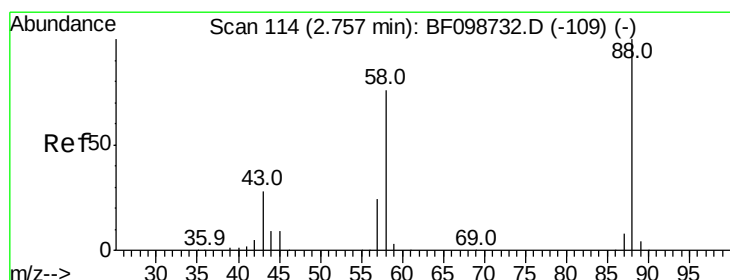
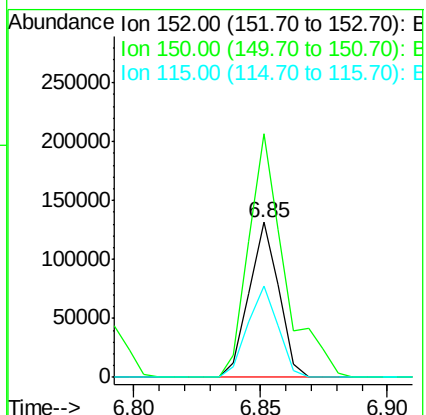
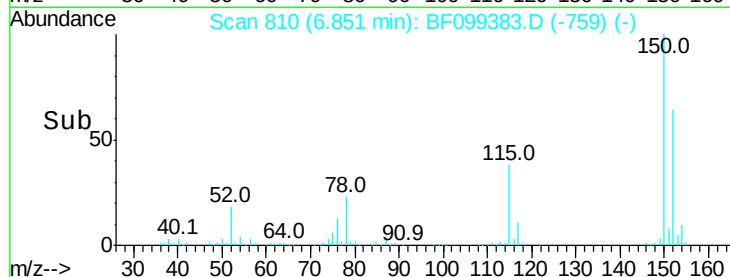
115 59.1 50.1 75.1



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



#2

1,4-Dioxane

Concen: 35.547 ng

RT: 2.72 min Scan# 108

Delta R.T. 0.10 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

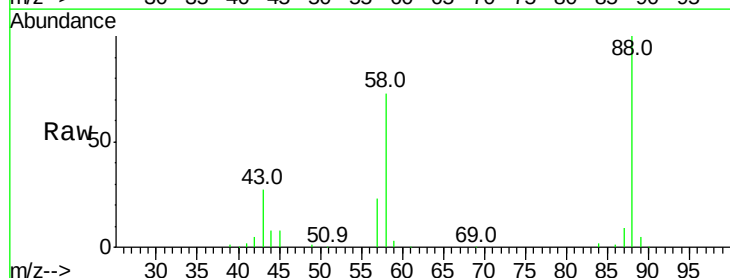
Tgt Ion: 88 Resp: 115230

Ion Ratio Lower Upper

88 100

58 73.6 62.6 93.8

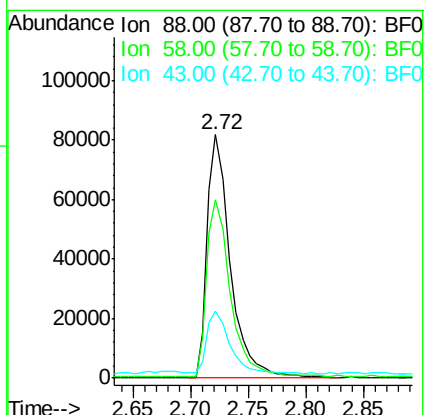
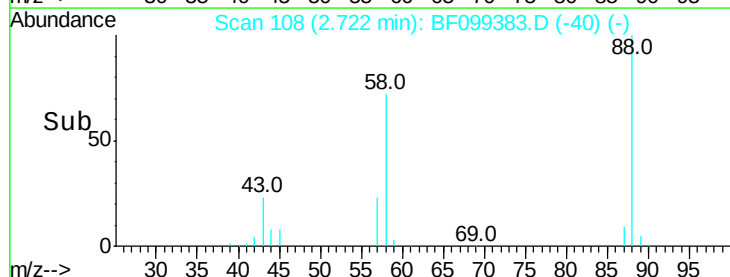
43 25.3 24.6 37.0

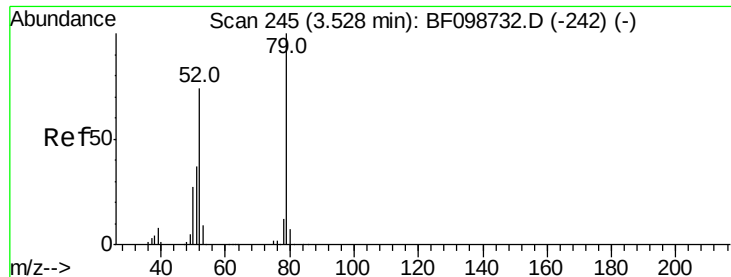


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

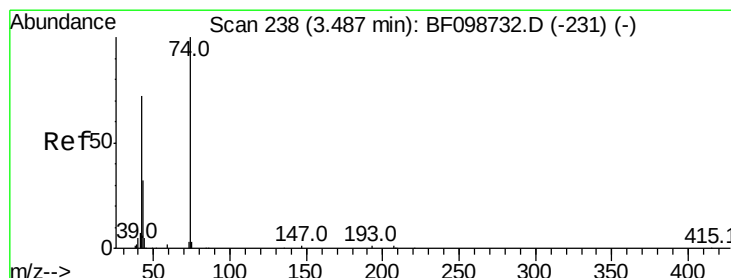
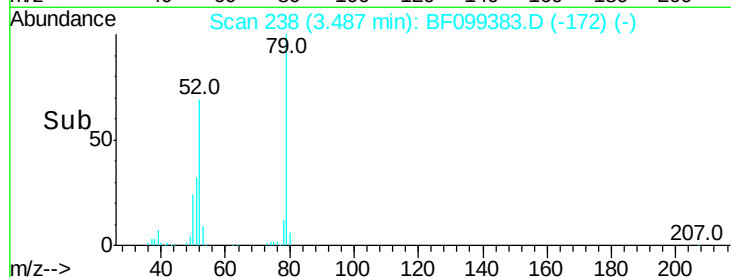
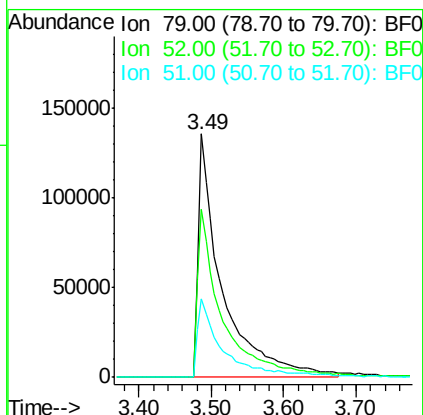
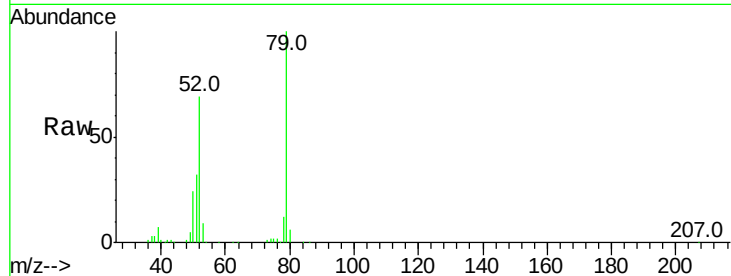




#3
 Pvridine
 Concen: 35.423 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.09 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

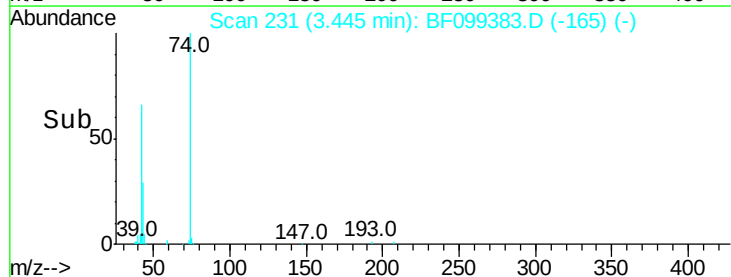
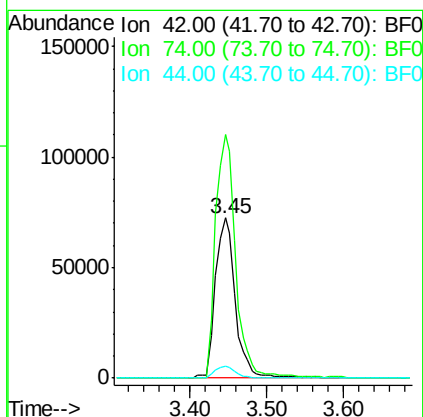
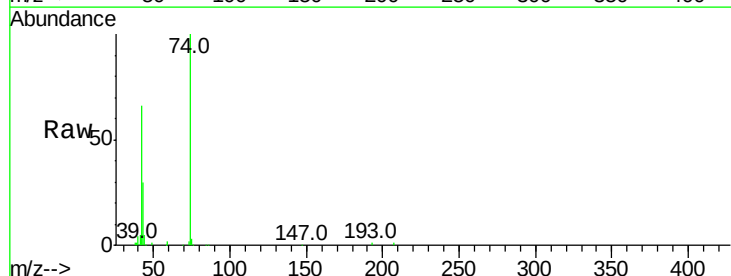
Instrument :
 BNA_F
 ClientSampleId :

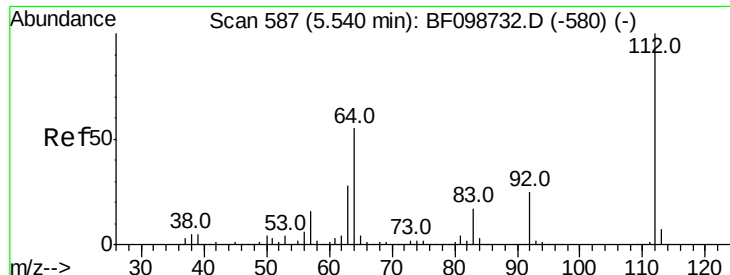
Tot Ion: 79 Resp: 310627
 Ion Ratio Lower Upper
 79 100
 52 69.1 59.8 89.6
 51 32.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.736 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.09 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion: 42 Resp: 129170
 Ion Ratio Lower Upper
 42 100
 74 152.4 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 84.001 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampled :

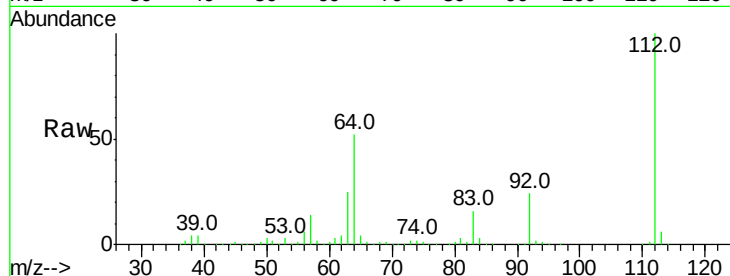
Tot Ion:112 Resp: 570036

Ion Ratio Lower Upper

112 100

64 51.8 47.9 71.9

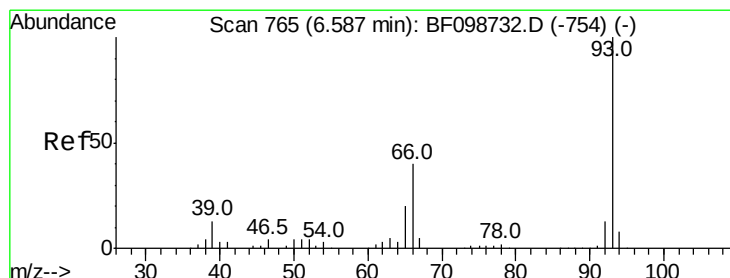
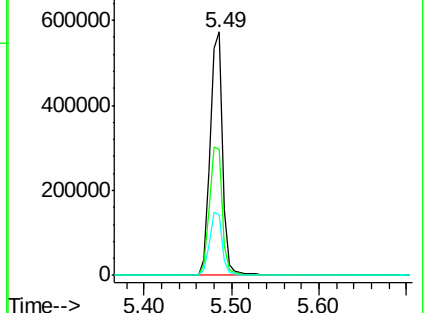
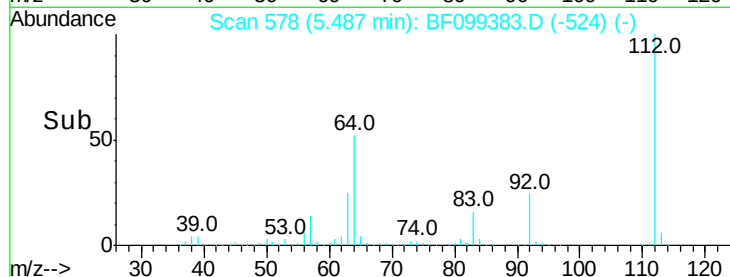
63 25.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.591 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

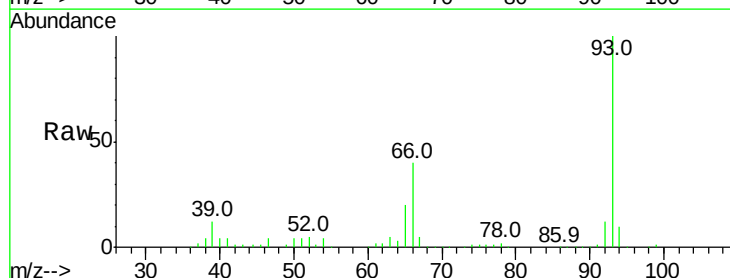
Tgt Ion: 93 Resp: 334330

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

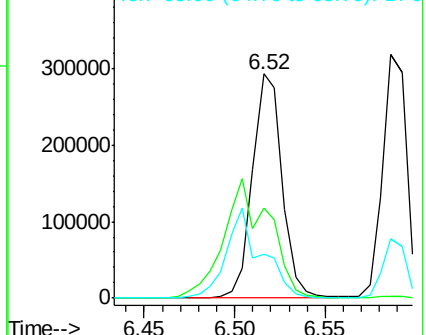
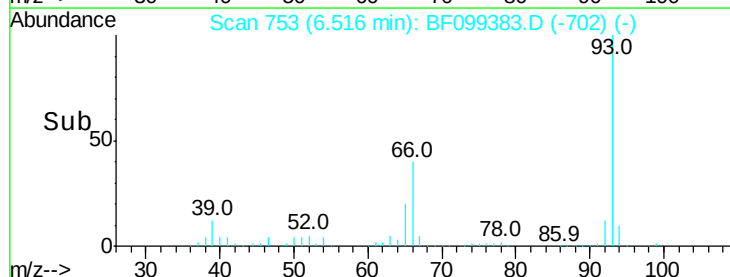
65 19.6 16.4 24.6

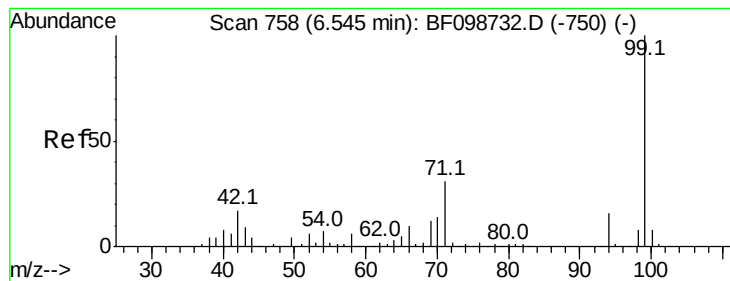


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.432 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

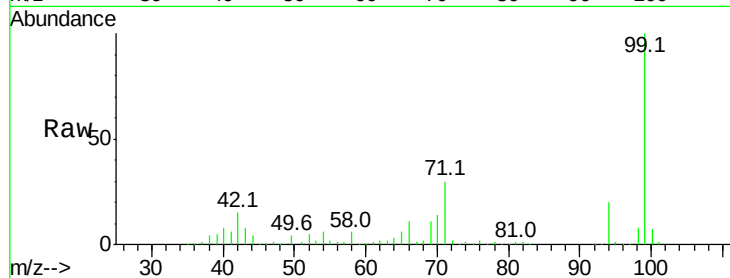
Tot Ion: 99 Resp: 690064

Ion Ratio Lower Upper

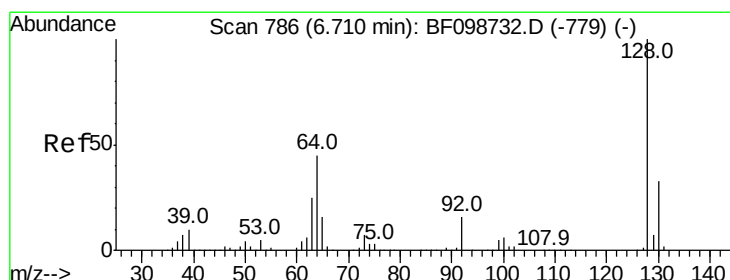
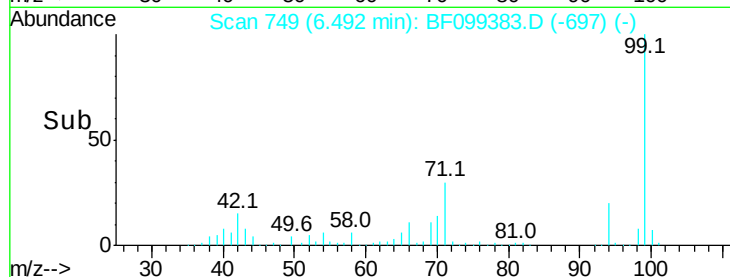
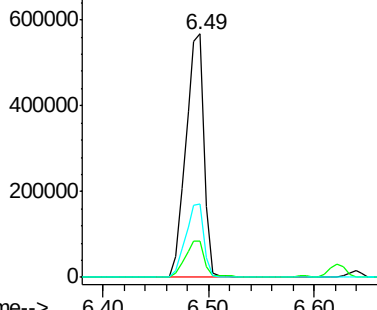
99 100

42 15.1 14.5 21.7

71 30.3 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: 41.115 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

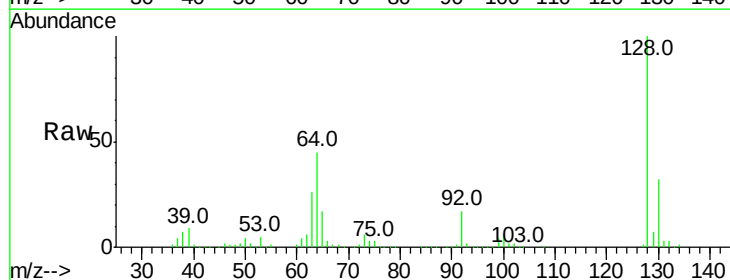
Tgt Ion: 128 Resp: 315966

Ion Ratio Lower Upper

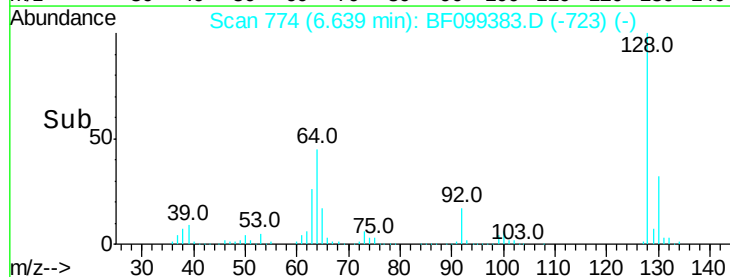
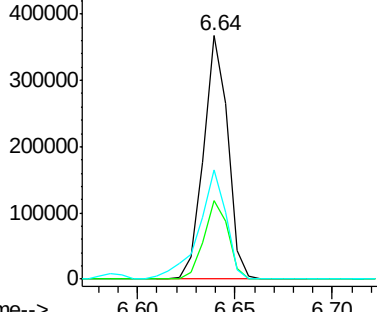
128 100

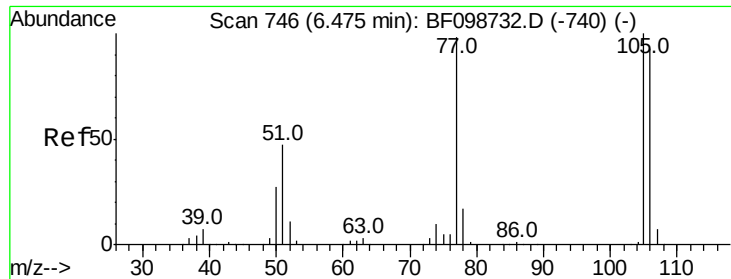
130 32.2 13.0 53.0

64 45.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

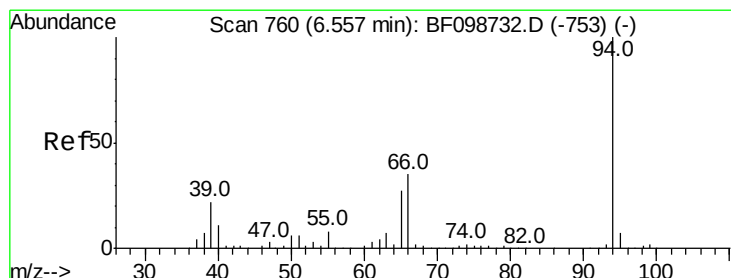
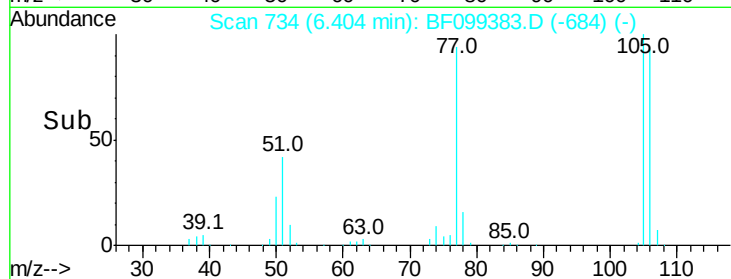
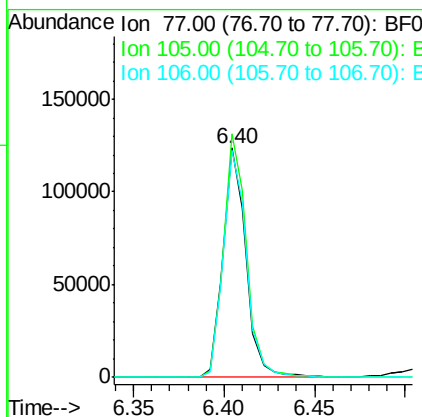
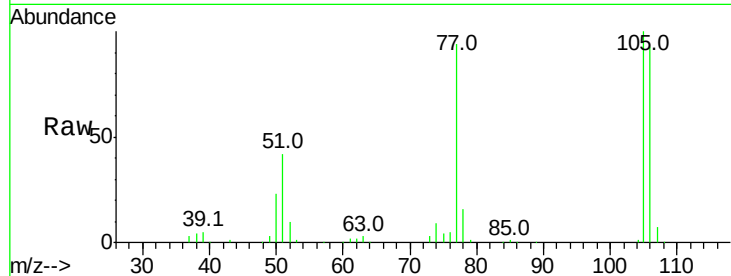




#9
Benzaldehyde
Concen: 22.426 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

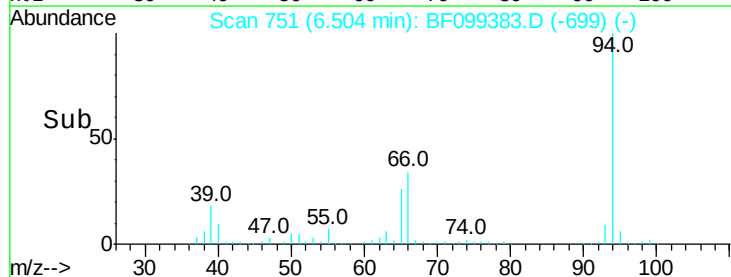
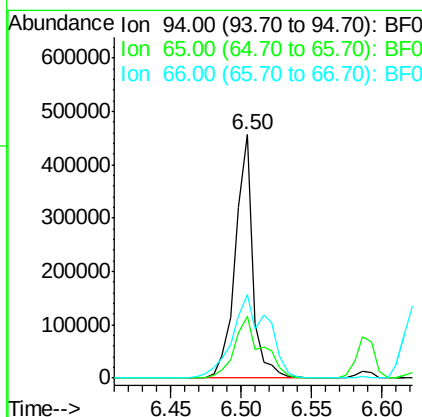
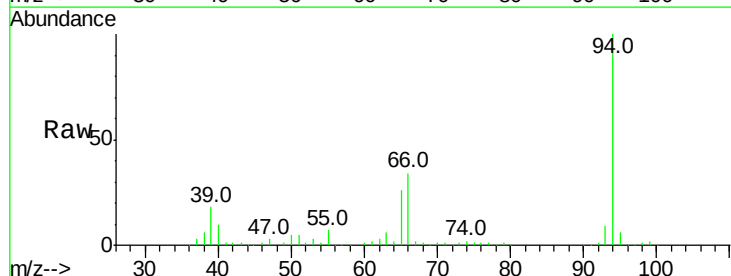
Instrument :
BNA_F
ClientSampleId :

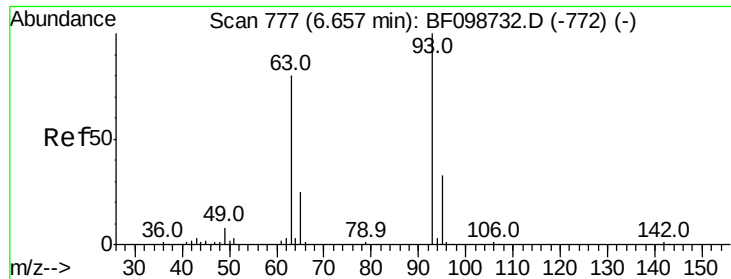
Tot Ion: 77 Resp: 108899
Ion Ratio Lower Upper
77 100
105 106.3 81.1 121.1
106 98.9 74.5 114.5



#10
Phenol
Concen: 42.047 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion: 94 Resp: 393662
Ion Ratio Lower Upper
94 100
65 25.6 7.9 47.9
66 34.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.796 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

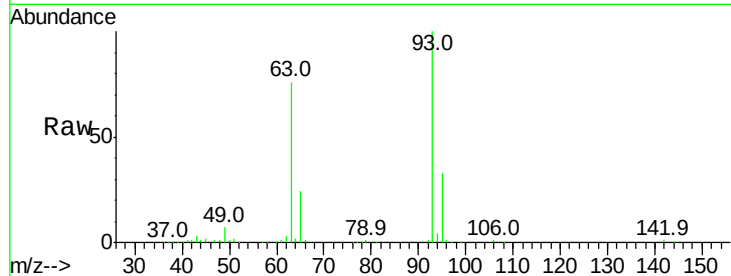
Tot Ion: 93 Resp: 289653

Ion Ratio Lower Upper

93 100

63 76.1 58.6 98.6

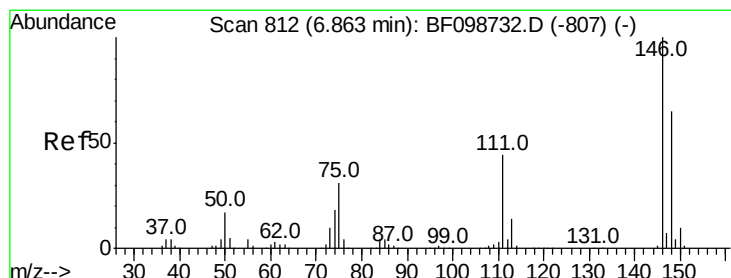
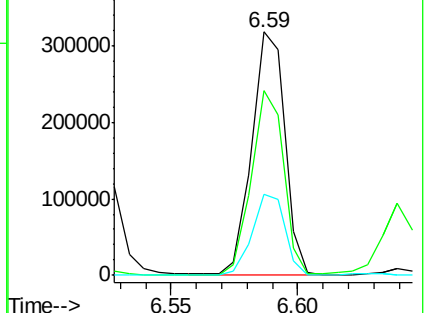
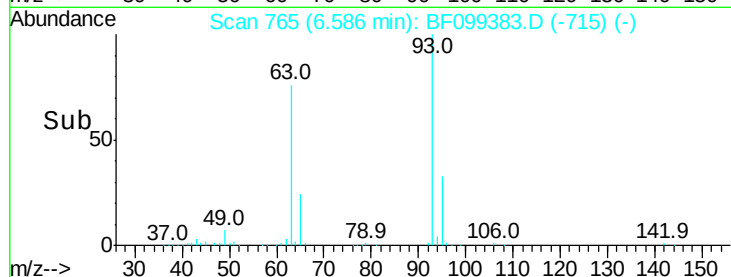
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.214 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

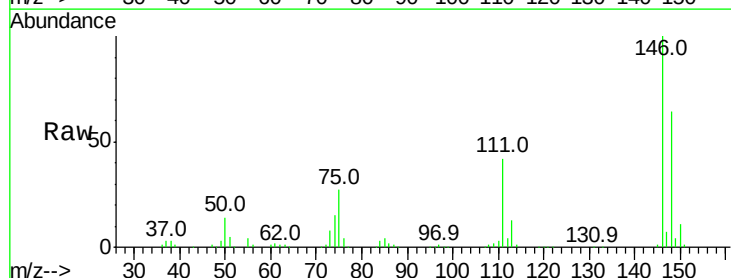
Tgt Ion: 146 Resp: 331701

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

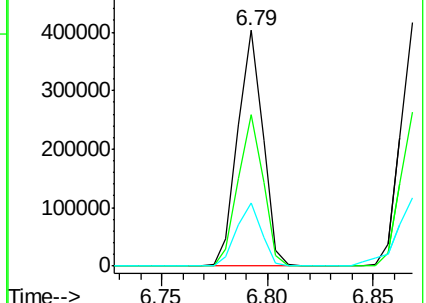
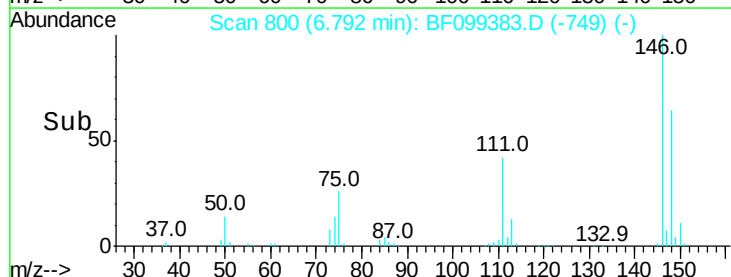
75 26.9 24.2 36.4

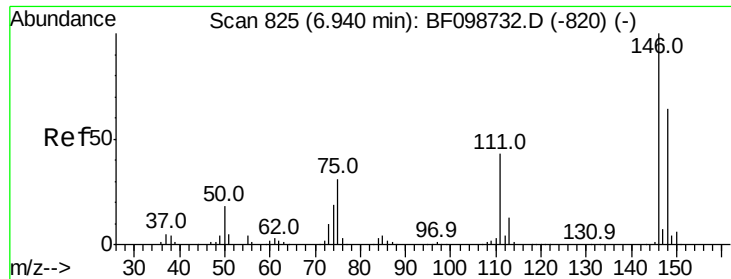


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

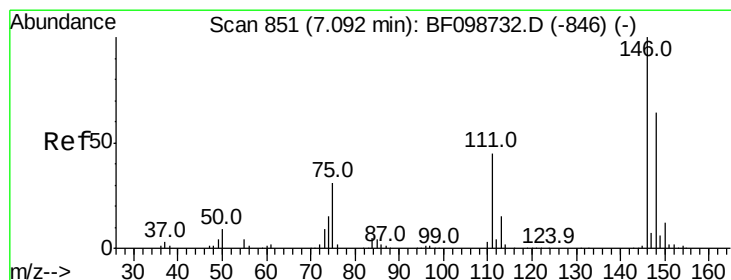
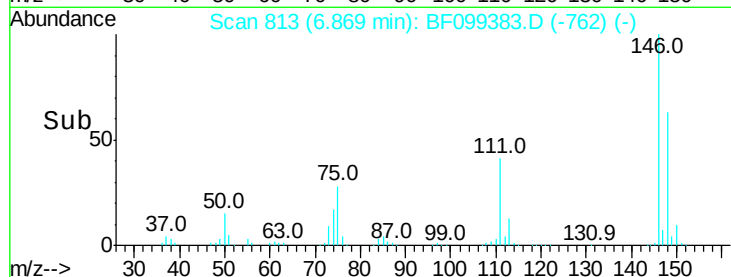
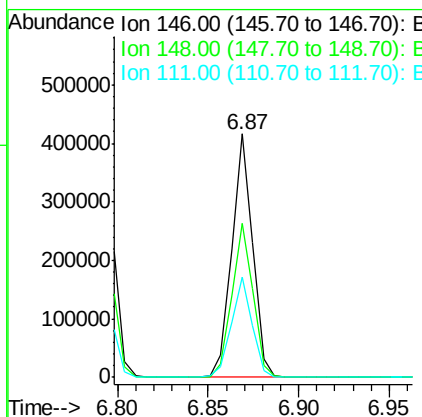
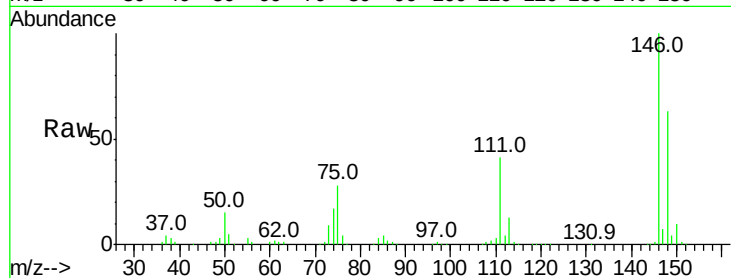




#13
 1,4-Dichlorobenzene
 Concen: 40.710 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

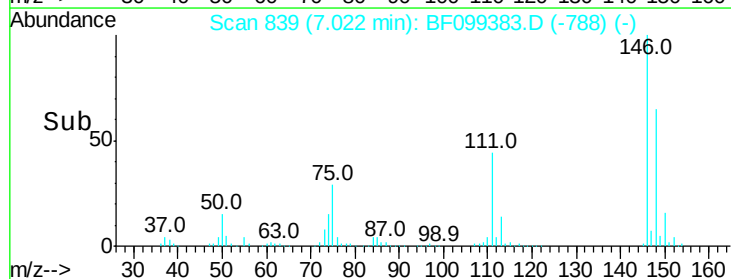
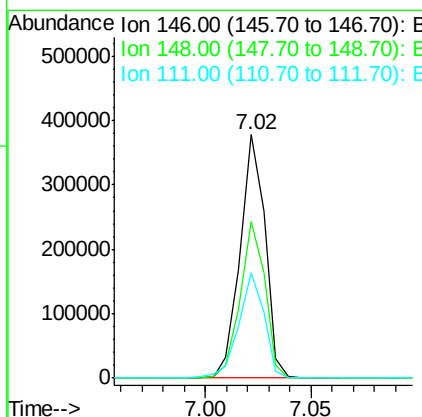
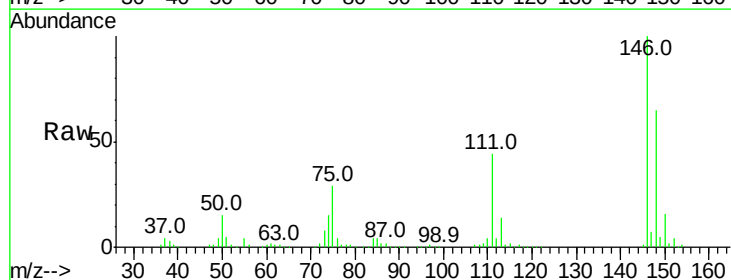
Instrument :
 BNA_F
 ClientSampleId :

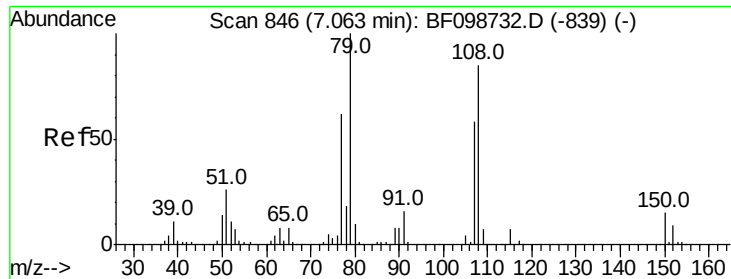
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	41.3	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.718 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	43.5	36.0	54.0

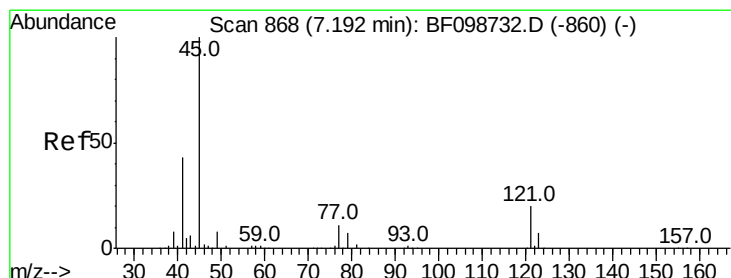
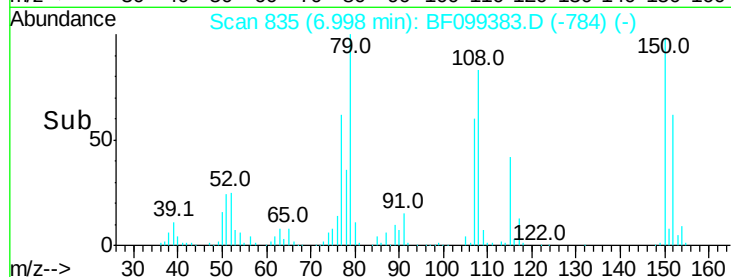
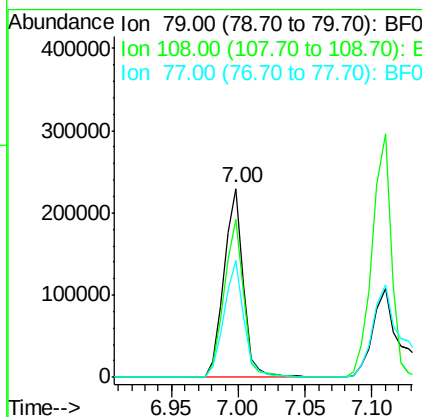
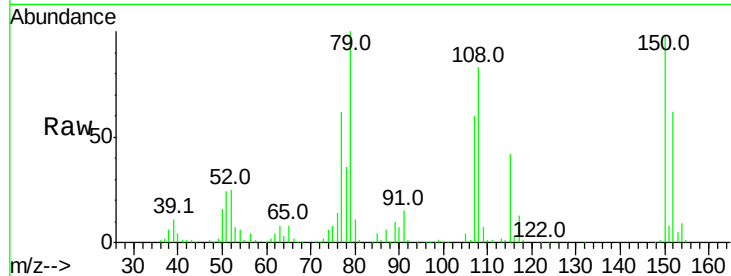




#15
Benzyl Alcohol
Concen: 38.698 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

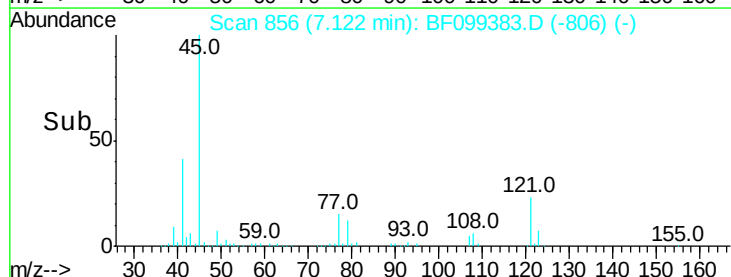
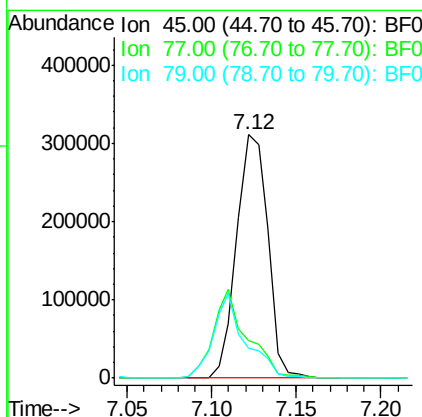
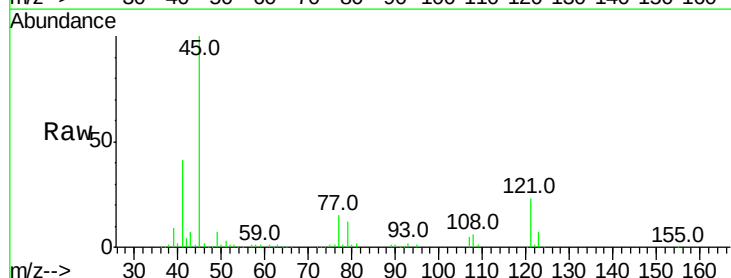
Instrument :
BNA_F
ClientSampleId :

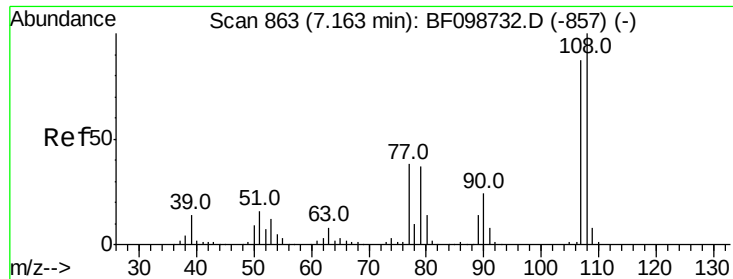
Tot Ion: 79 Resp: 237655
Ion Ratio Lower Upper
79 100
108 83.4 65.1 97.7
77 61.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.454 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion: 45 Resp: 402040
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.9
79 12.4 0.0 29.6

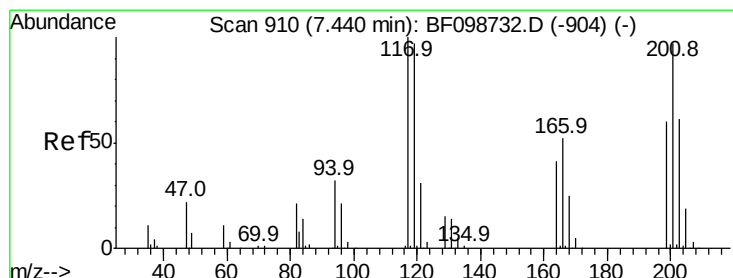
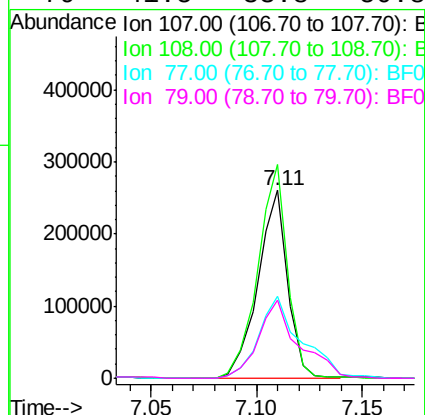
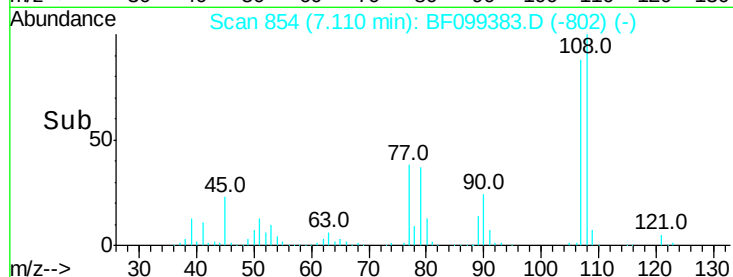
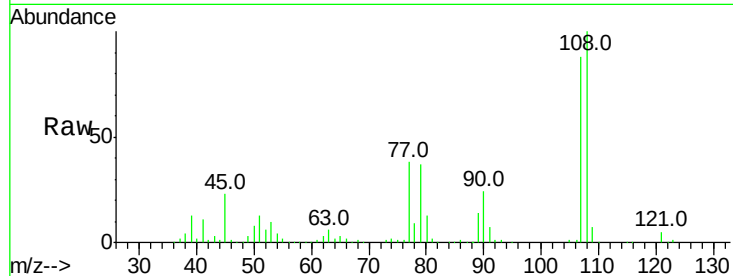




#17
2-Methylphenol
Concen: 40.441 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

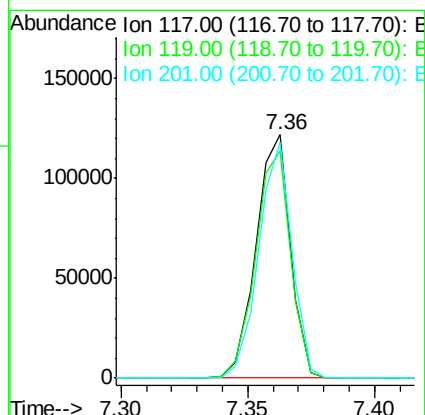
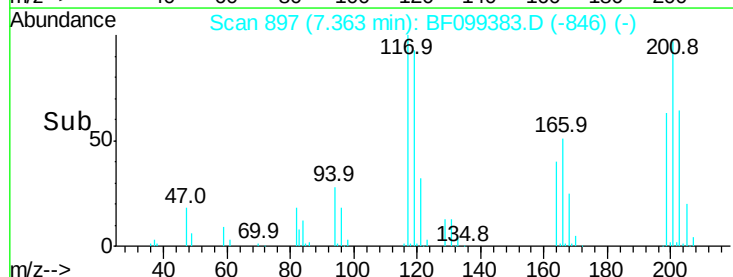
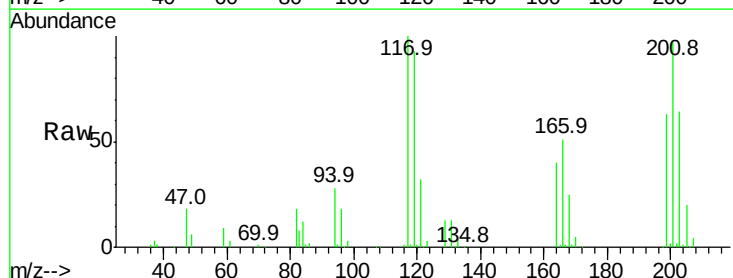
Instrument :
BNA_F
ClientSampleId :

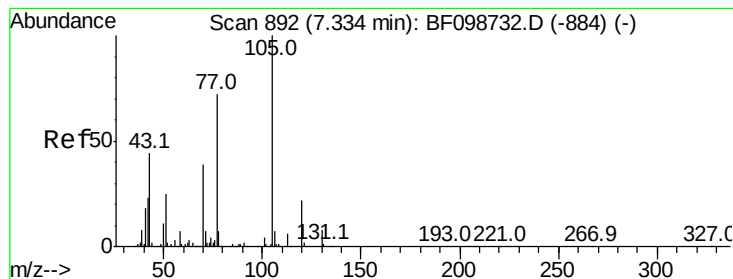
Tot Ion:107 Resp: 254294
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 43.3 33.8 50.8
79 41.5 33.8 50.8



#18
Hexachloroethane
Concen: 38.856 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:117 Resp: 114365
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
201 96.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.535 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 189926

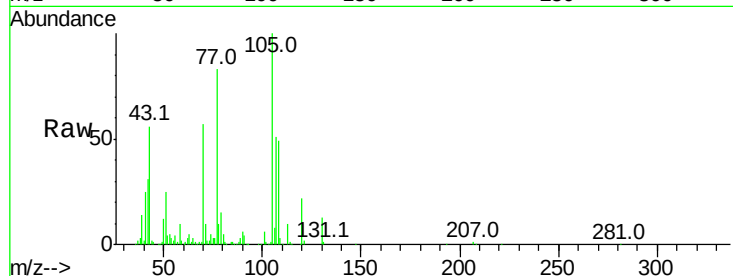
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 9.9 7.4 11.2

130 23.2 16.6 25.0

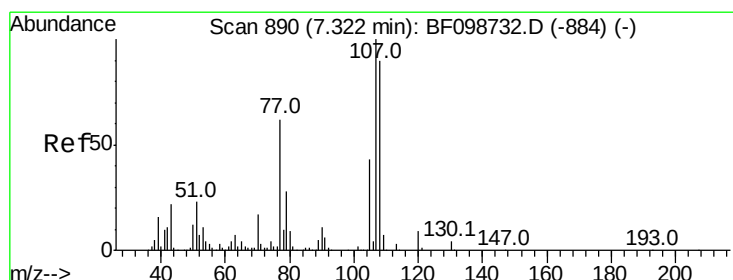
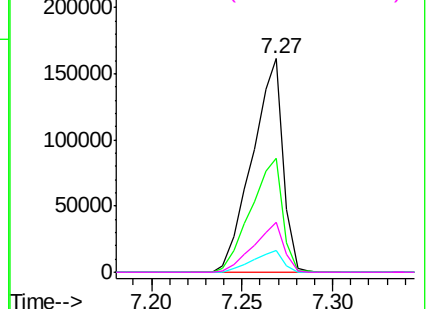
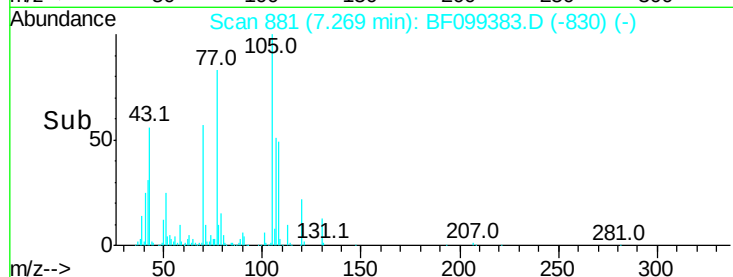


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.408 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:107 Resp: 305525

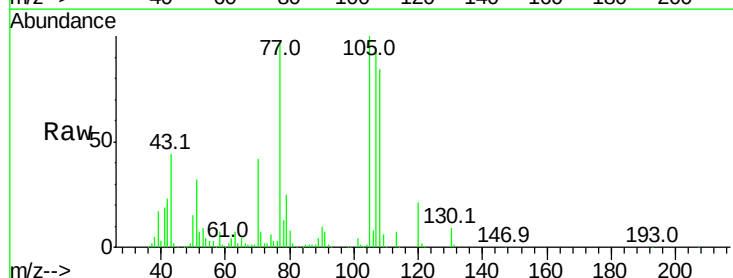
Ion Ratio Lower Upper

107 100

108 89.9 68.2 108.2

77 103.9 26.7 66.7#

79 26.7 6.3 46.3

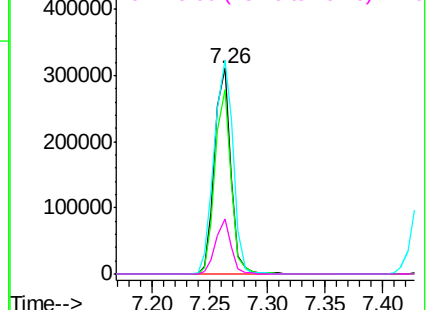
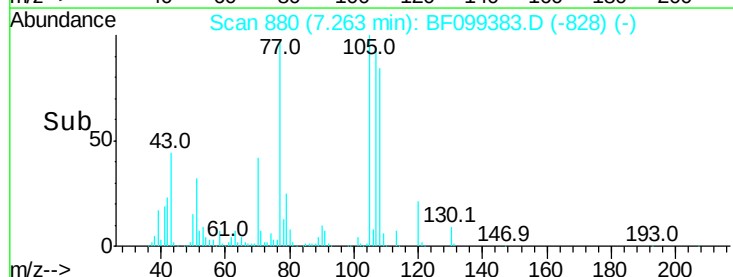


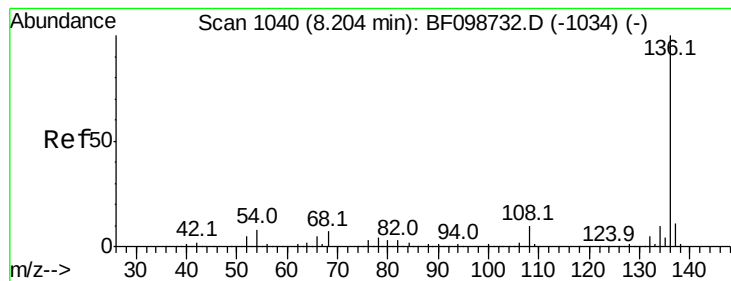
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 447642

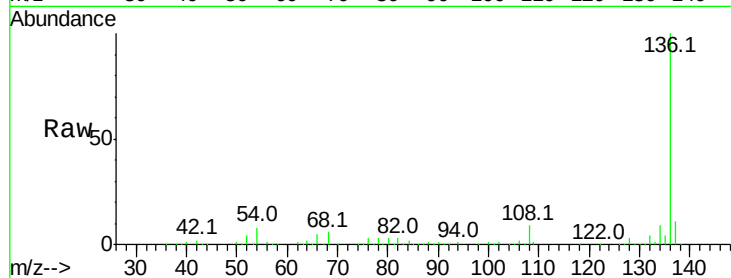
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

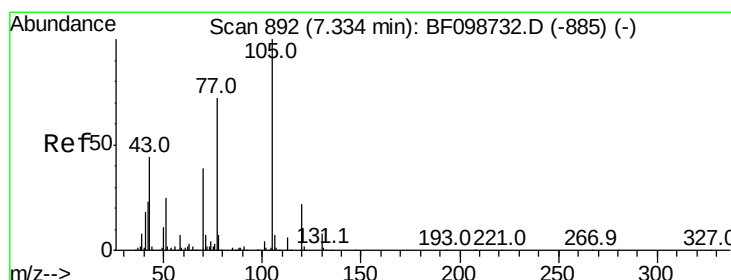
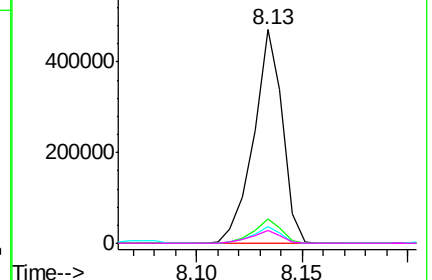
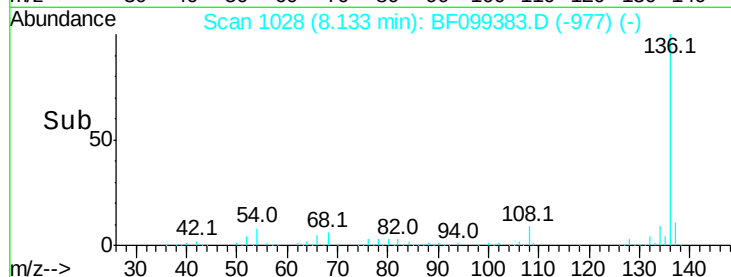


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.305 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:105 Resp: 404596

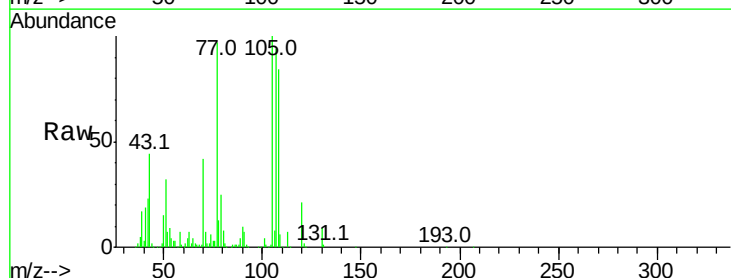
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 32.0 22.3 33.5

120 21.0 16.9 25.3

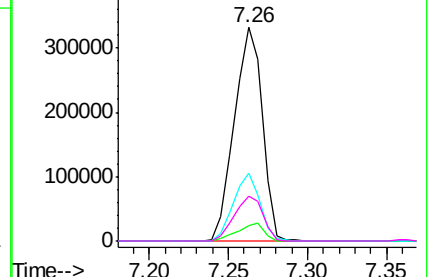
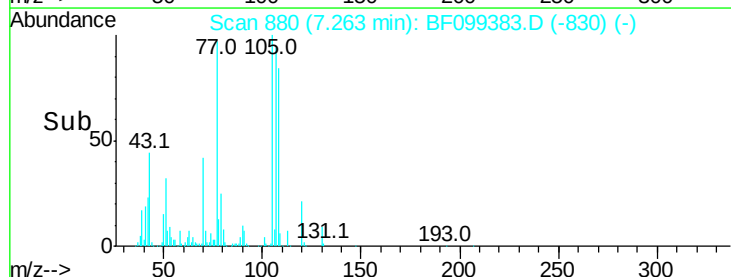


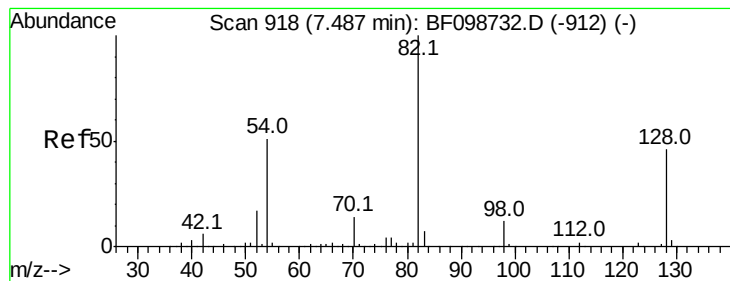
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.853 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

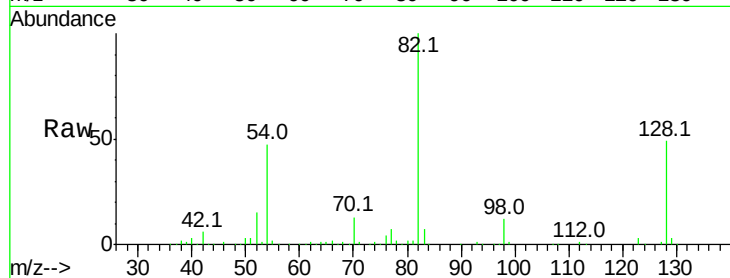
Tot Ion: 82 Resp: 592291

Ion Ratio Lower Upper

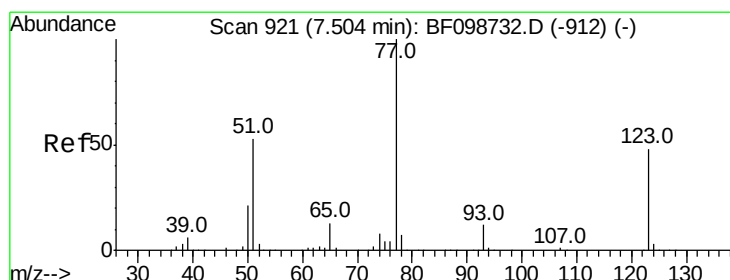
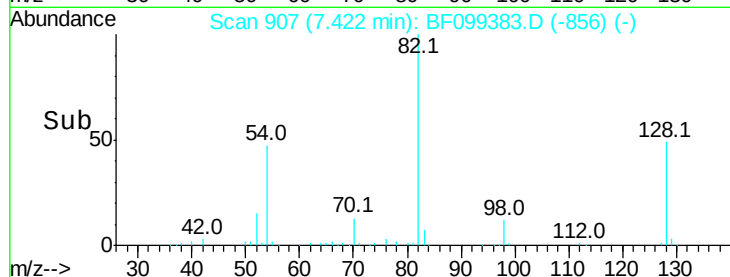
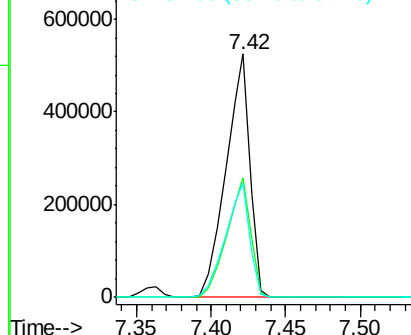
82 100

128 49.0 36.1 54.1

54 46.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.922 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

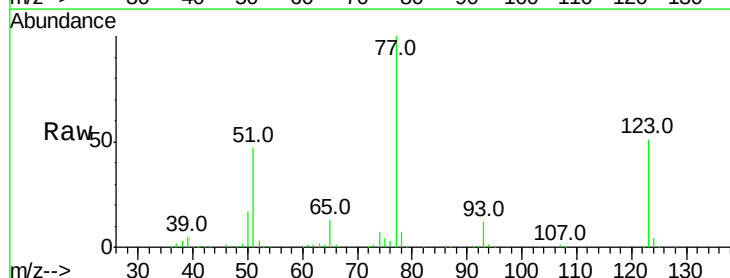
Tgt Ion: 77 Resp: 308190

Ion Ratio Lower Upper

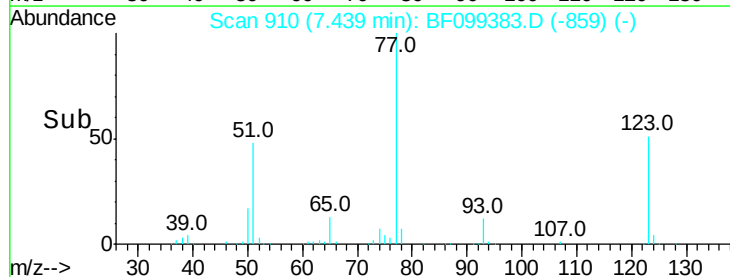
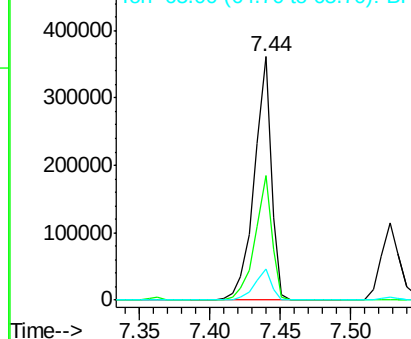
77 100

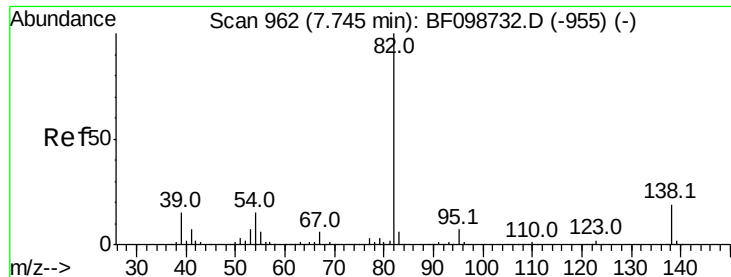
123 51.4 37.9 56.9

65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.120 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

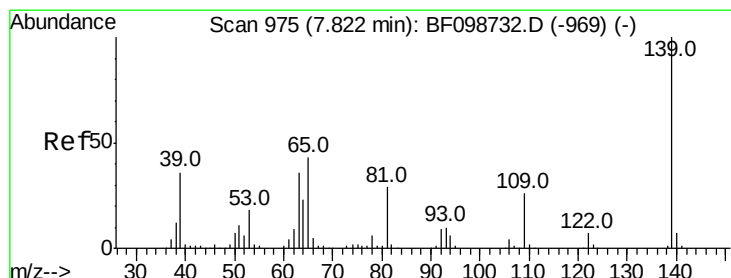
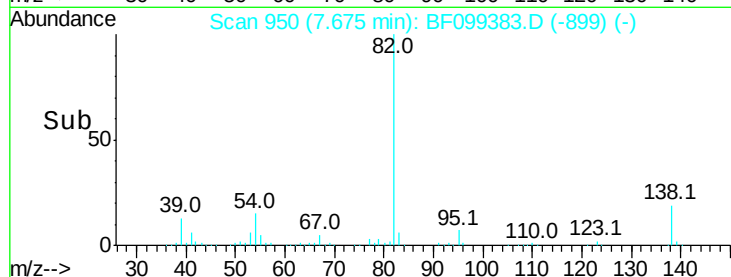
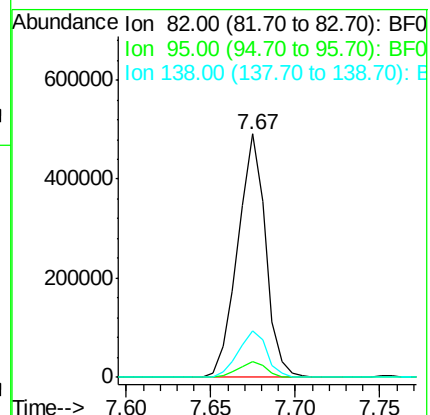
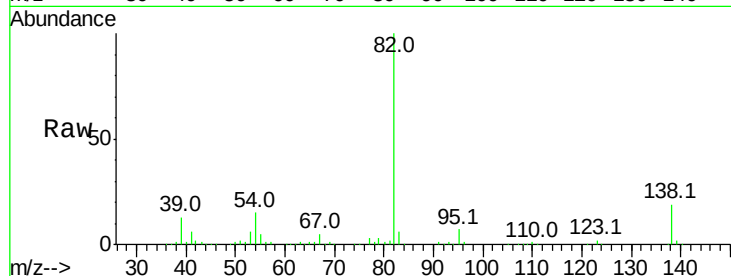
Tot Ion: 82 Resp: 564560

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.936 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

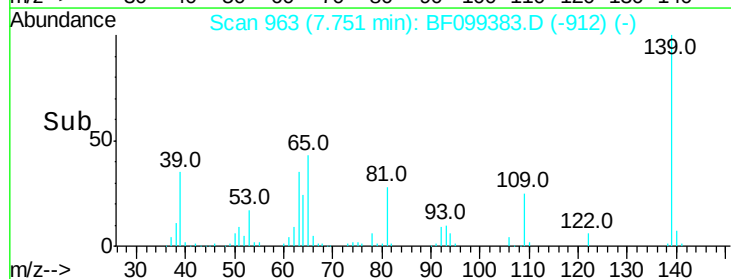
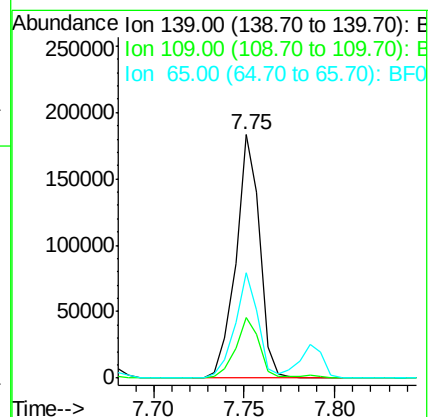
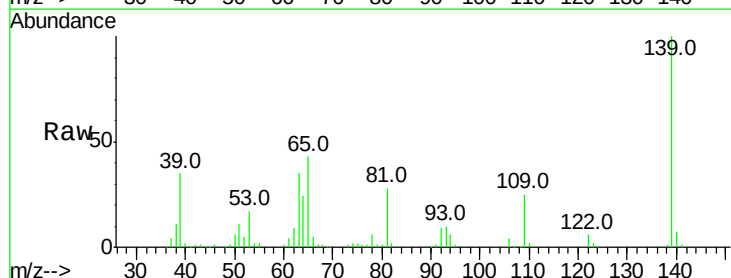
Tgt Ion: 139 Resp: 167292

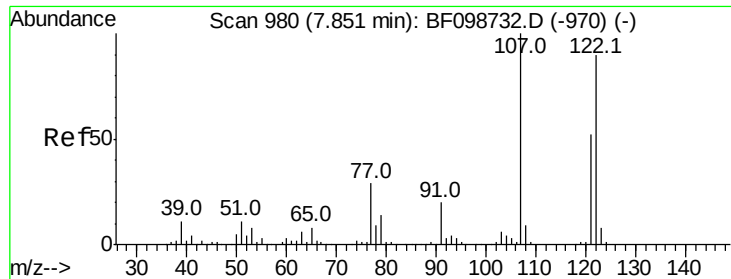
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 43.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.169 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampled :

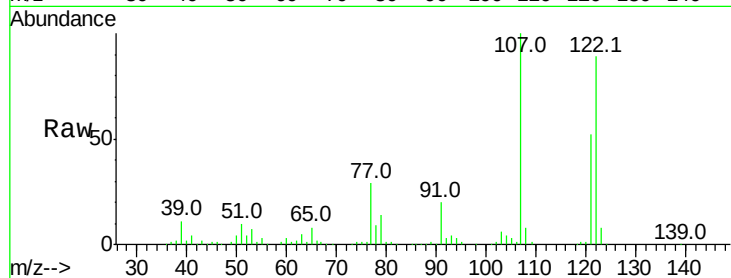
Tot Ion:122 Resp: 274469

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

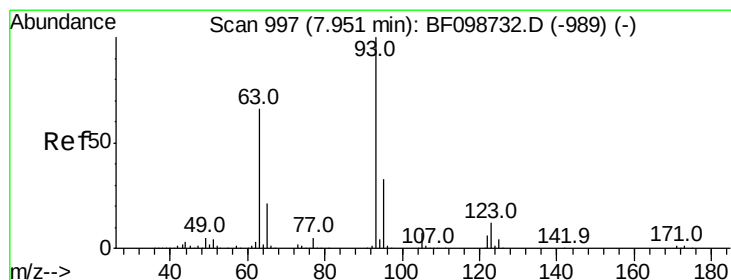
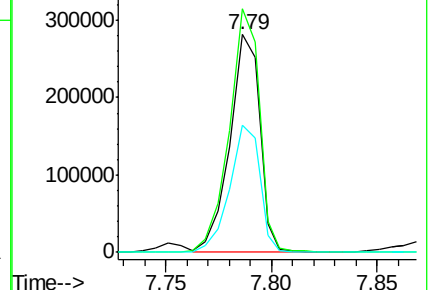
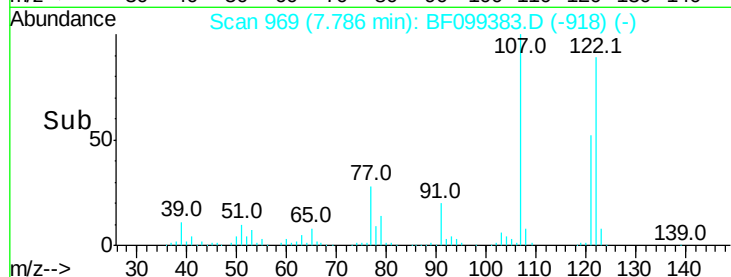
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.314 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

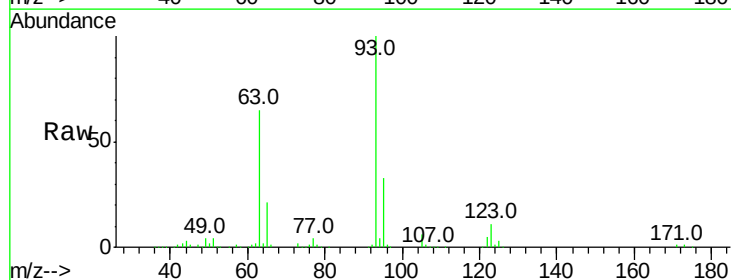
Tgt Ion: 93 Resp: 362567

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

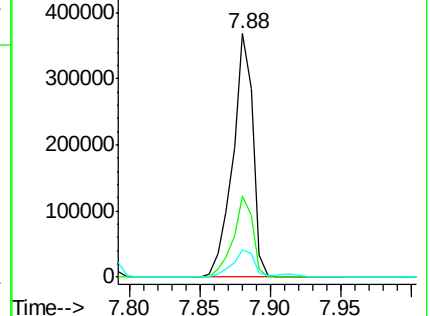
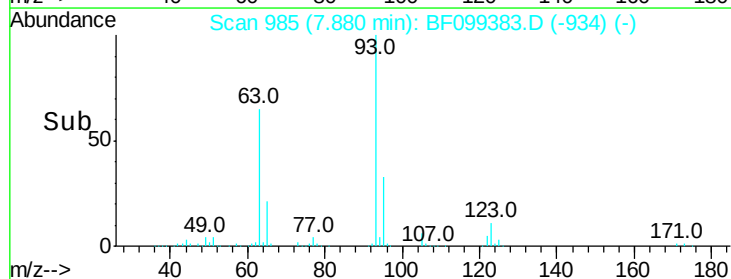
123 11.4 9.8 14.6

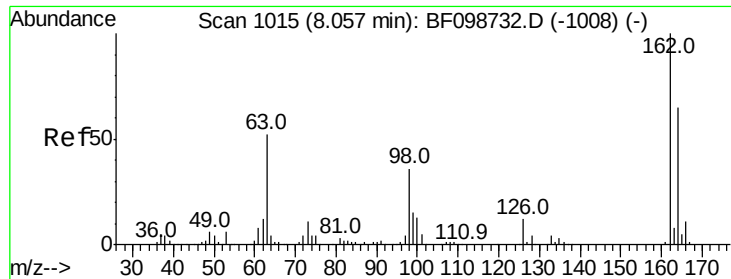


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

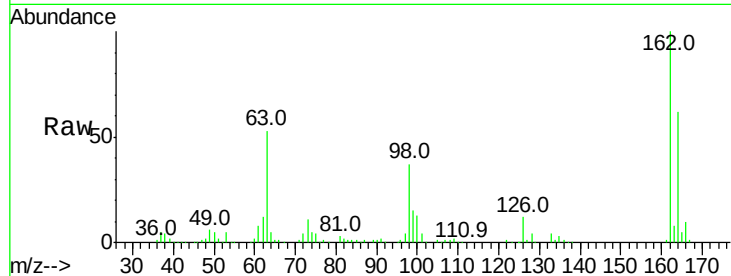




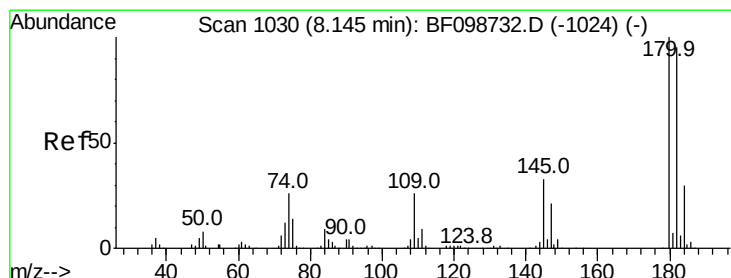
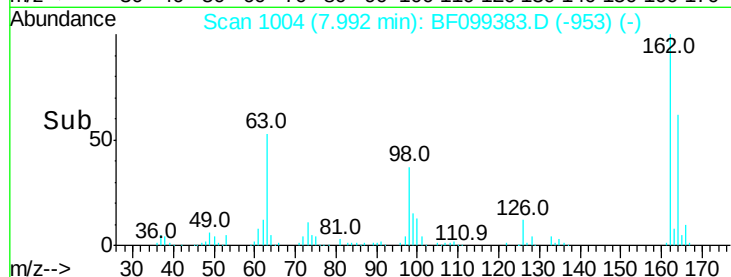
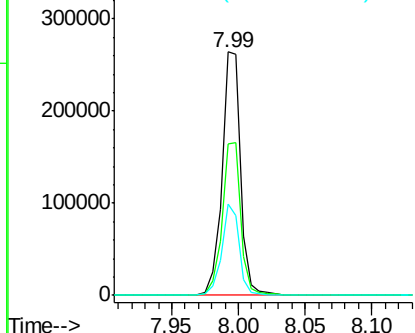
#29
 2,4-Dichlorophenol
 Concen: 42.155 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	37.2	18.1	58.1

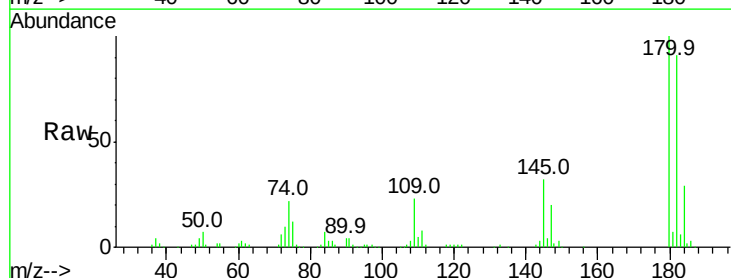


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

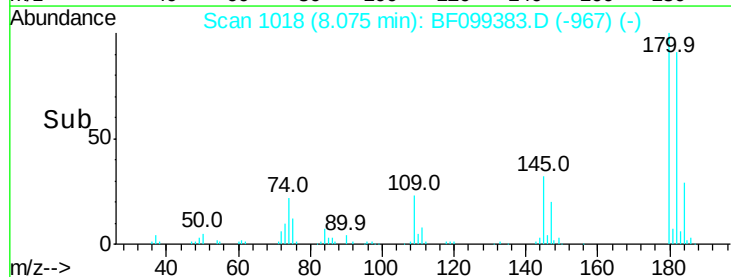
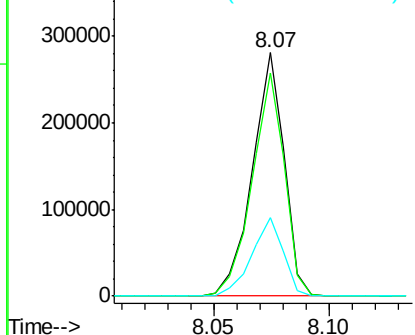


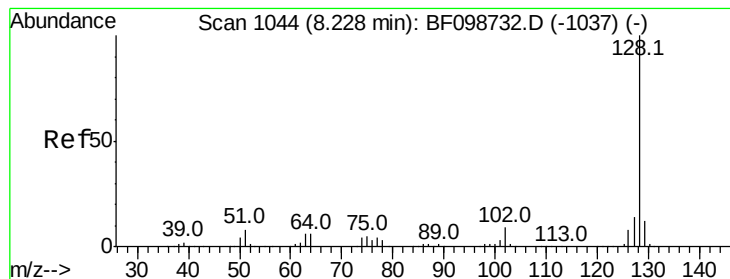
#30
 1,2,4-Trichlorobenzene
 Concen: 43.603 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.8	115.2
145	32.1	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: 41.591 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

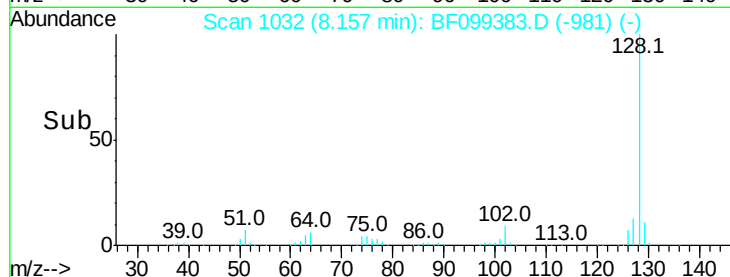
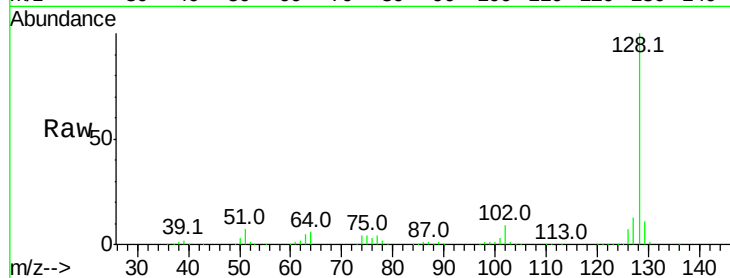
Tot Ion:128 Resp: 874417

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

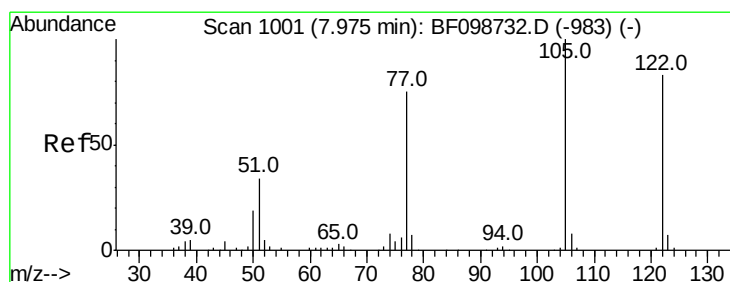
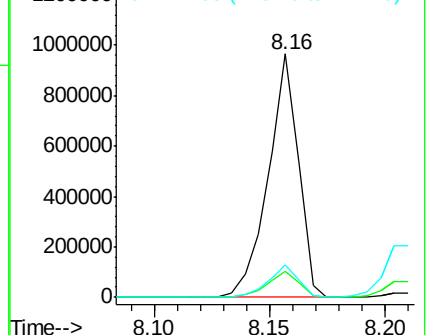
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.180 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

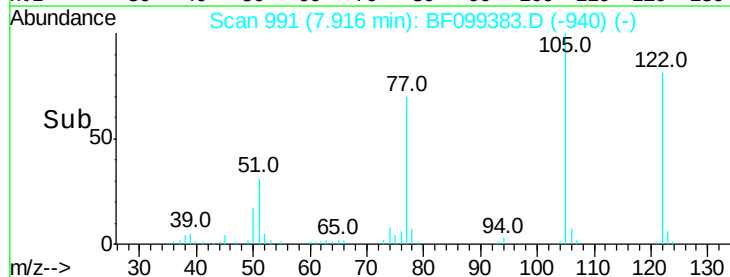
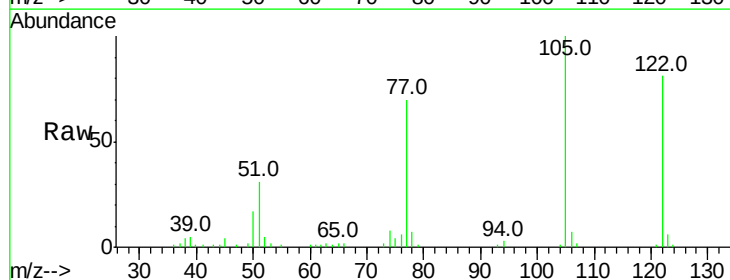
Tgt Ion:122 Resp: 119197

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

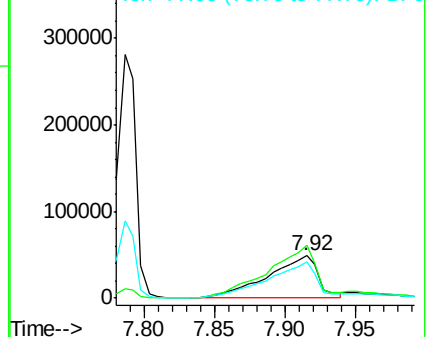
77 86.7 70.7 110.7

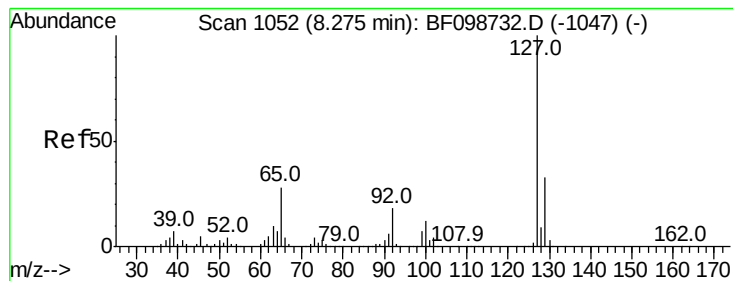


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.692 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 216788

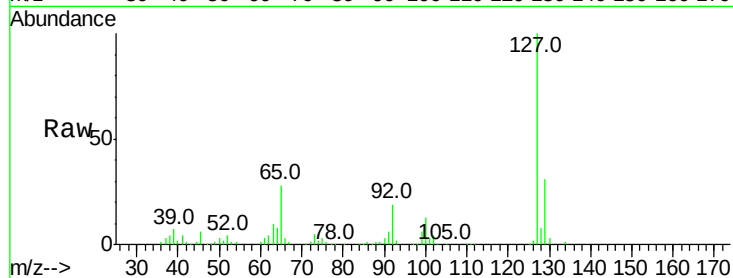
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 28.5 25.0 37.4

92 19.2 15.2 22.8

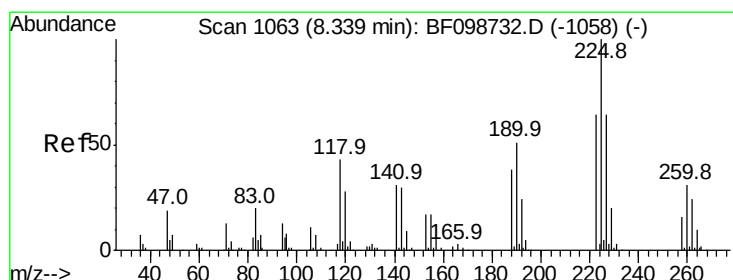
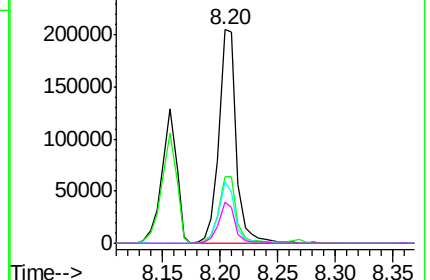
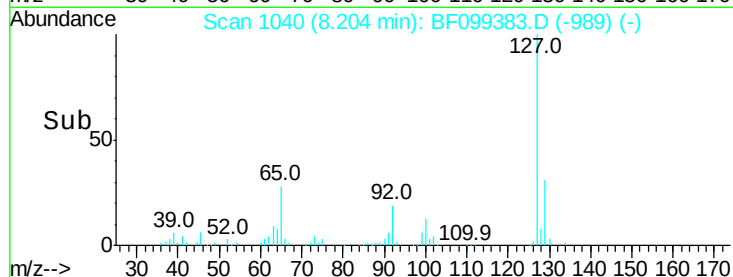


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.160 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

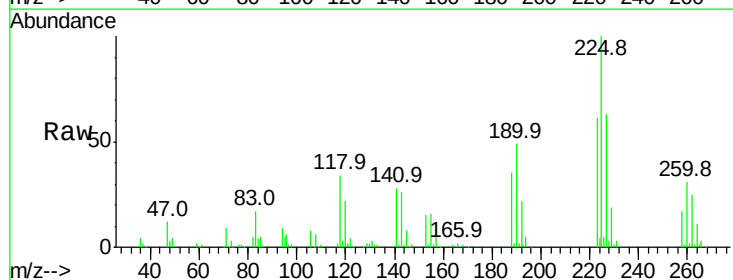
Tgt Ion:225 Resp: 127727

Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

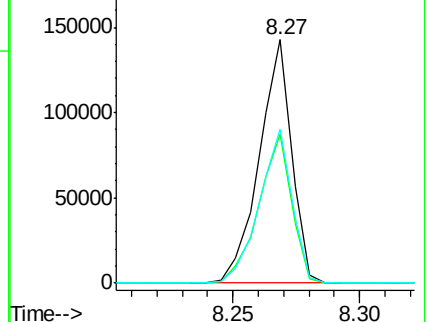
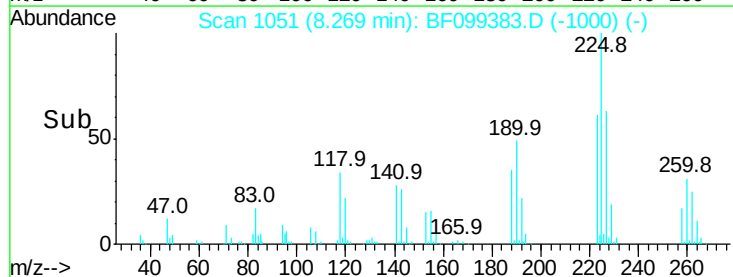
227 63.3 51.9 77.9

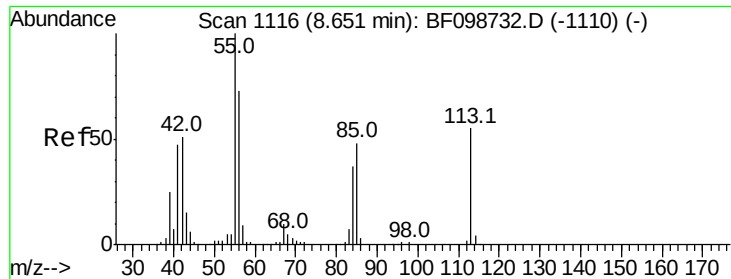


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.340 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

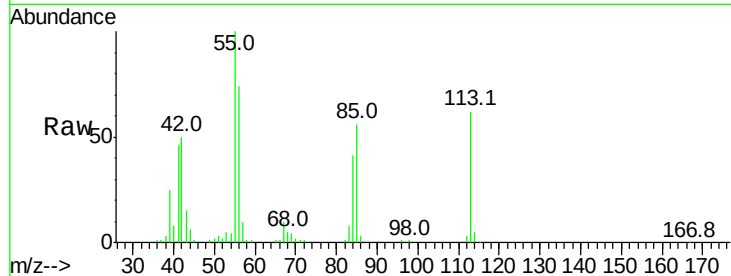
Tot Ion:113 Resp: 58106

Ion Ratio Lower Upper

113 100

55 161.9 163.3 203.3#

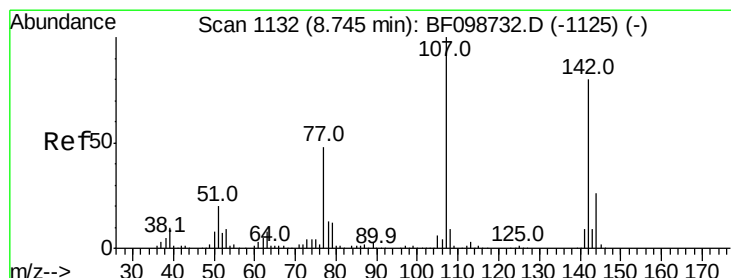
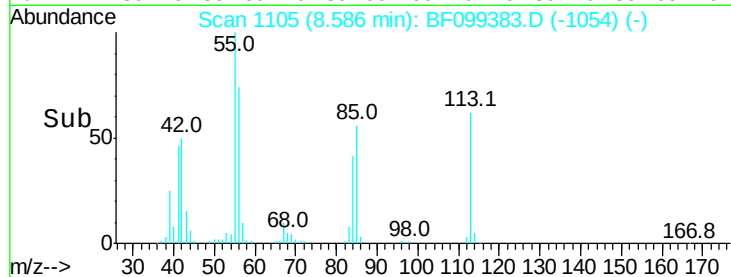
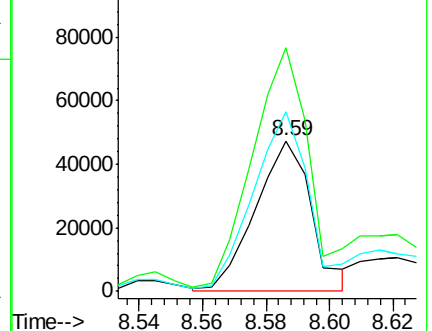
56 119.9 115.7 155.7



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: 38.766 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

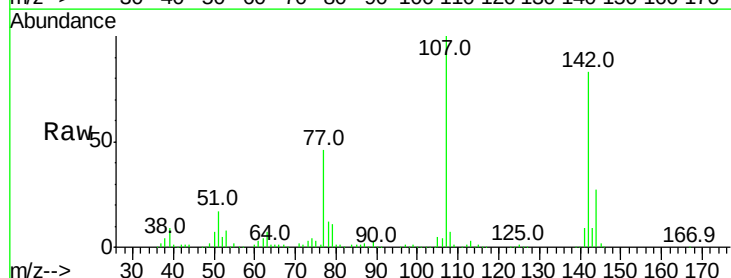
Tgt Ion:107 Resp: 269009

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

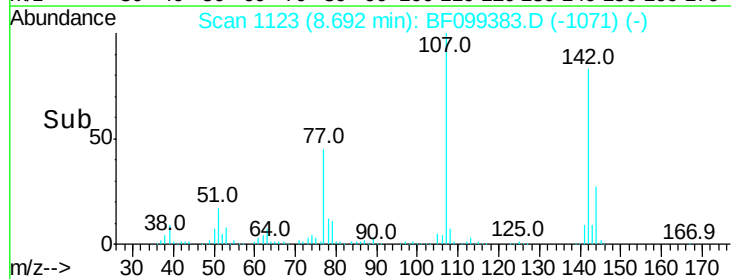
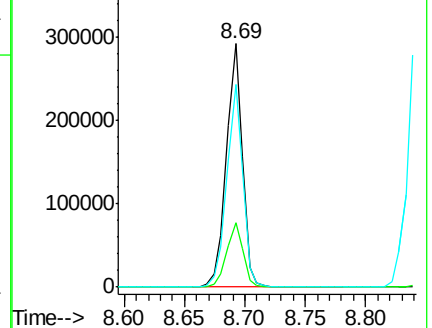
142 83.5 62.0 93.0

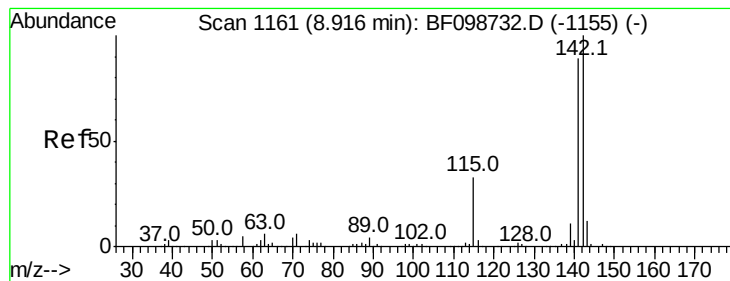


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

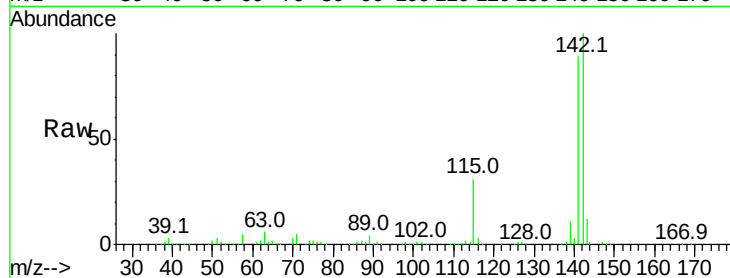




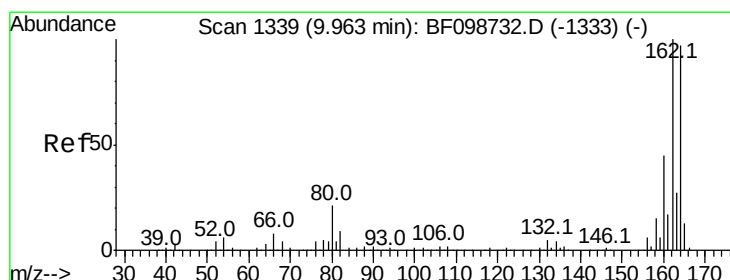
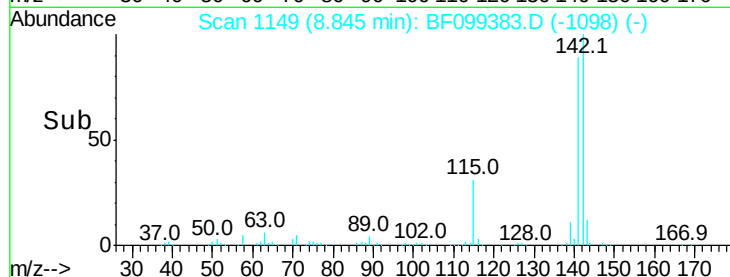
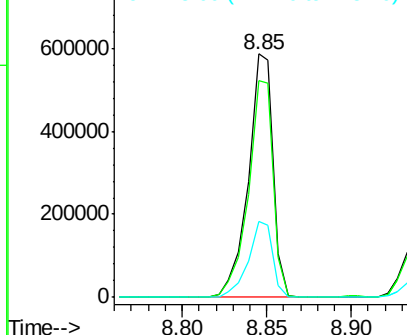
#37
2-Methylnaphthalene
Concen: 44.179 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.2	26.1	39.1

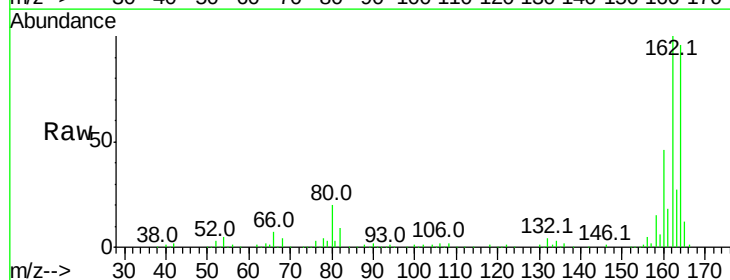


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

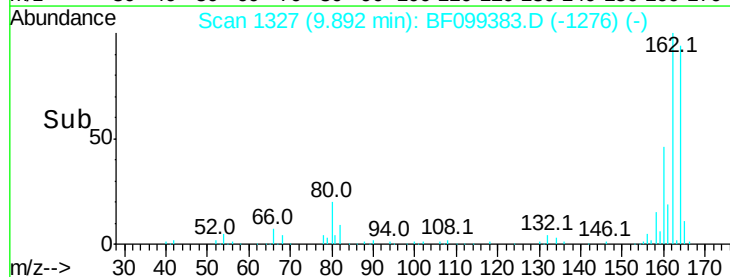
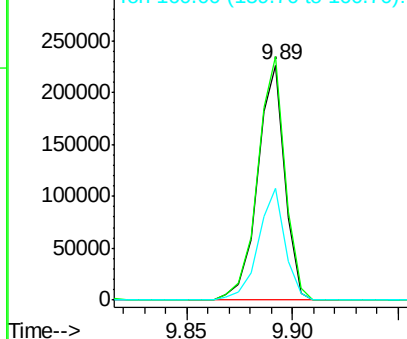


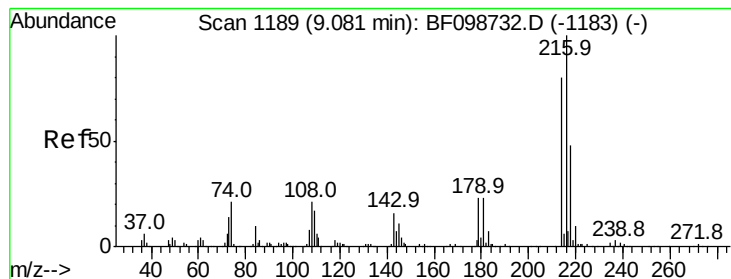
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.4	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.653 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 239912

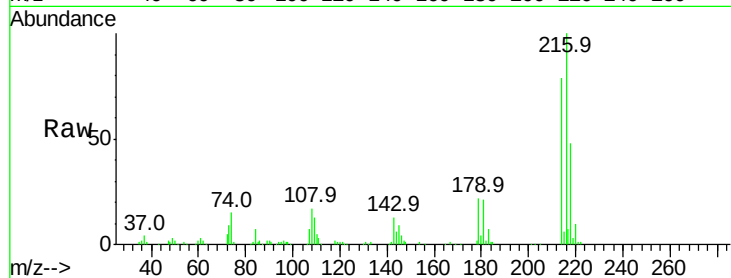
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.7 18.1 27.1

108 19.8 17.2 25.8

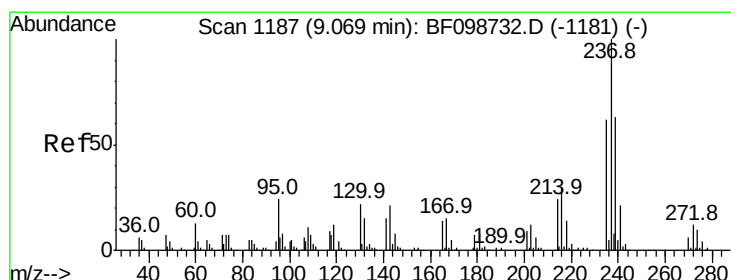
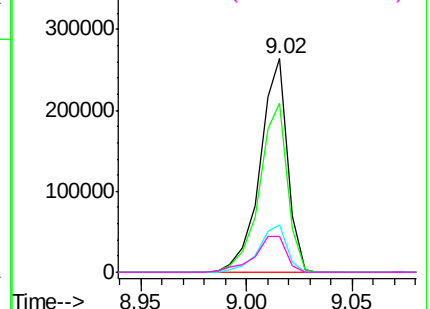
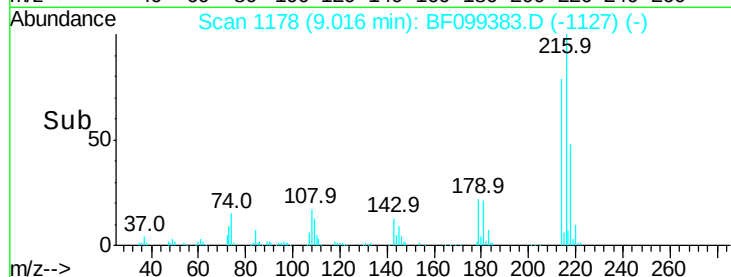


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.136 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

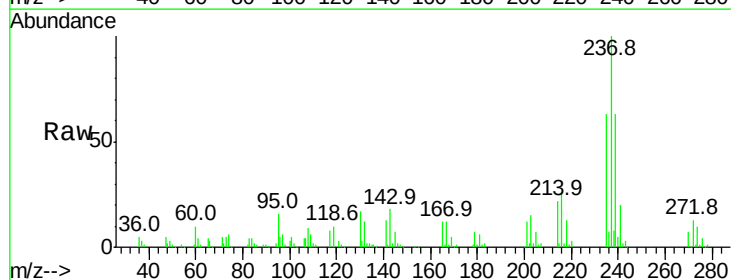
Tgt Ion:237 Resp: 99916

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

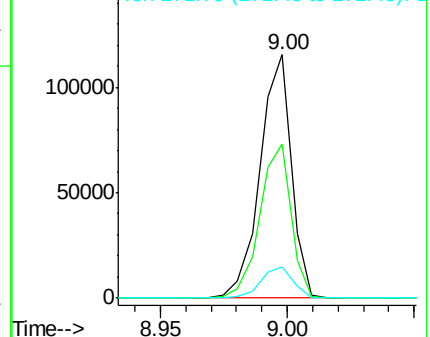
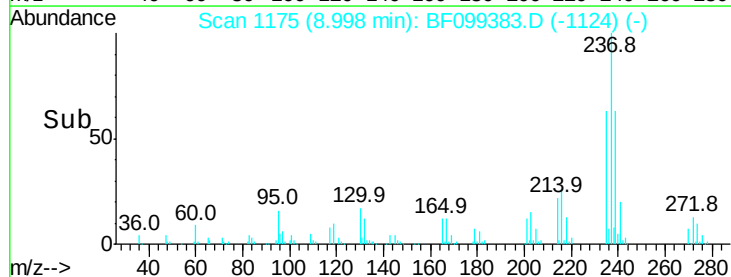
272 12.8 0.0 33.3

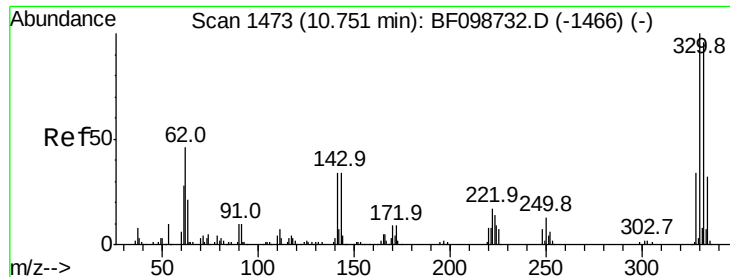


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

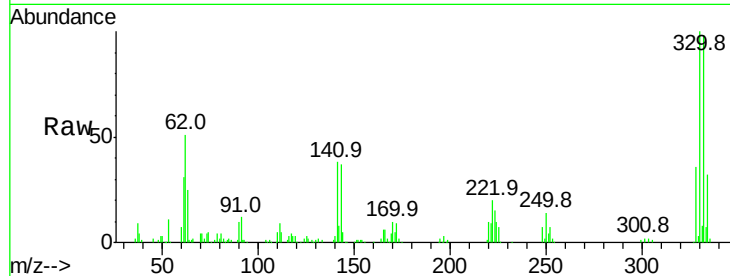




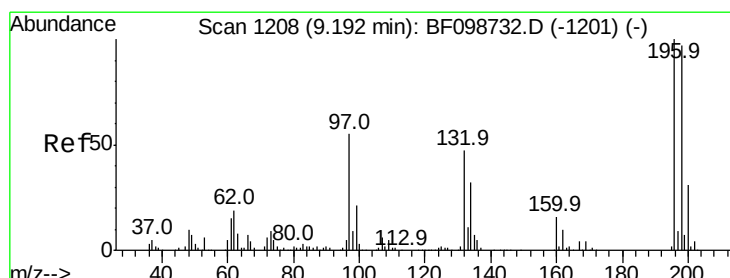
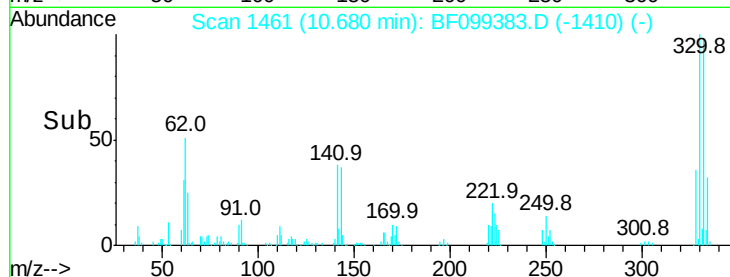
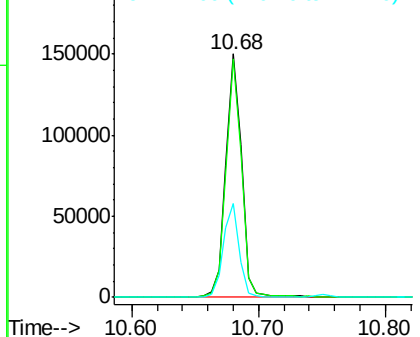
#41
 2,4,6-Tribromophenol
 Concen: 78.859 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	39.1	29.9	44.9

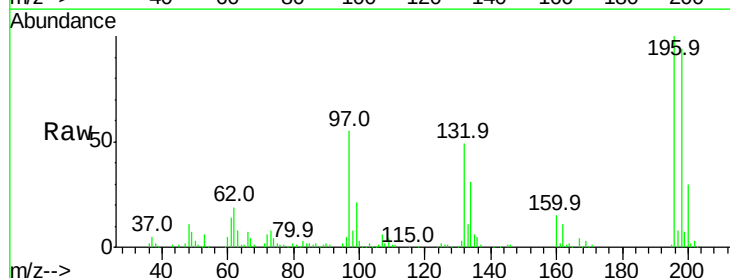


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

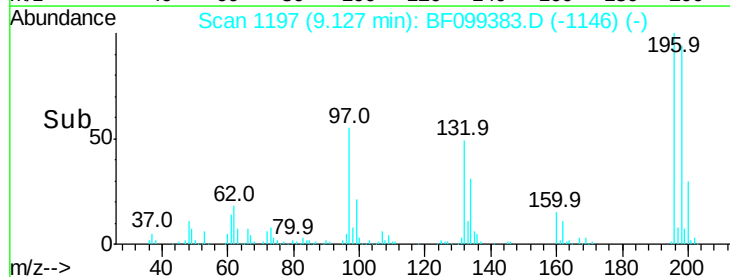
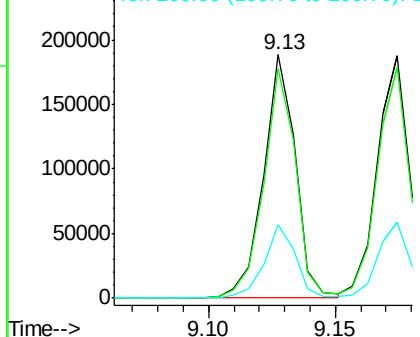


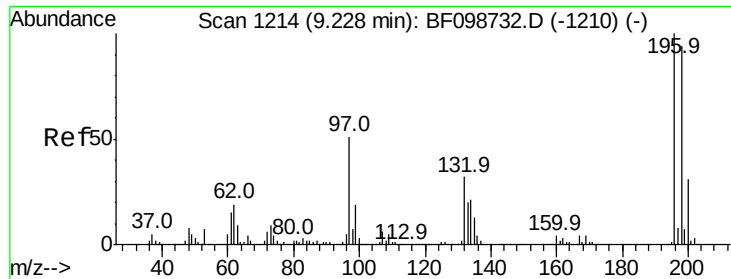
#42
 2,4,6-Trichlorophenol
 Concen: 38.847 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	30.4	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

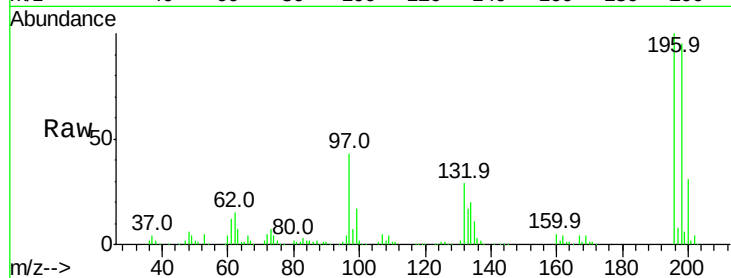




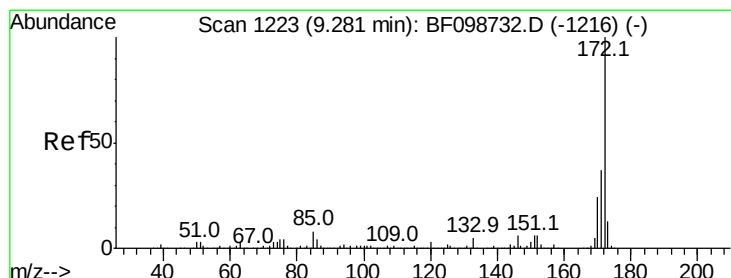
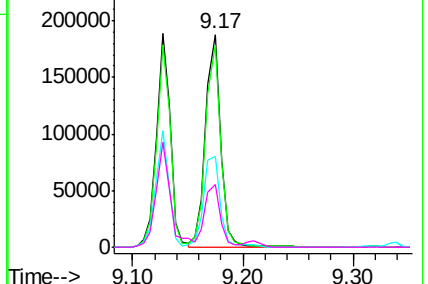
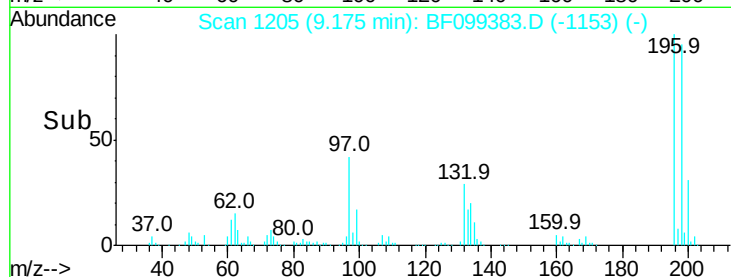
#43
2,4,5-Trichlorophenol
Concen: 40.243 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 172189
Ion Ratio Lower Upper
196 100
198 95.2 74.6 112.0
97 42.5 42.9 64.3#
132 29.4 26.3 39.5

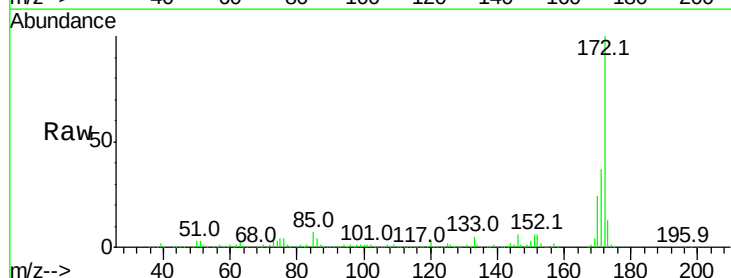


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

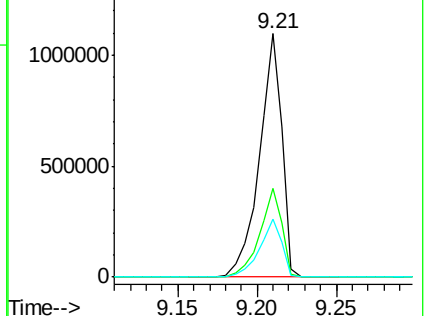
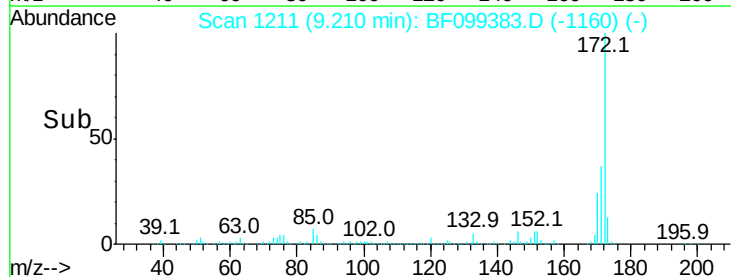


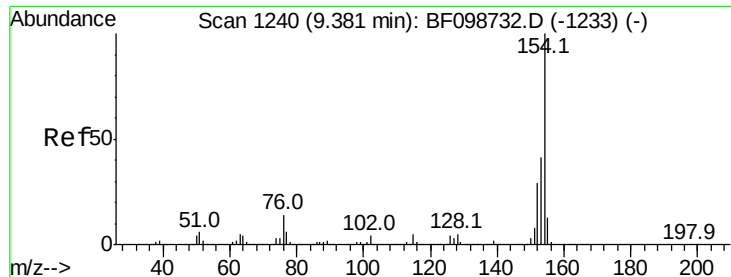
#44
2-Fluorobiphenyl
Concen: 89.605 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:172 Resp: 1088919
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.6 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: 39.841 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

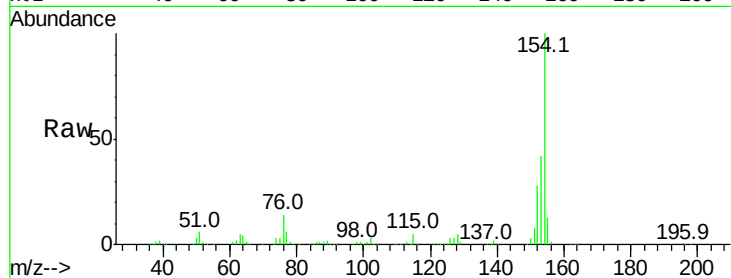
Tot Ion:154 Resp: 694660

Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.3	61.3
76	13.7	0.0	34.0

154 100

153 42.1 21.3 61.3

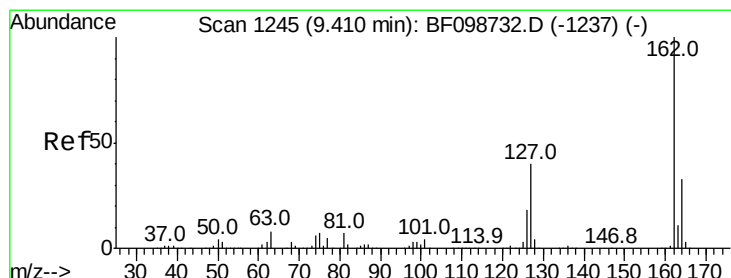
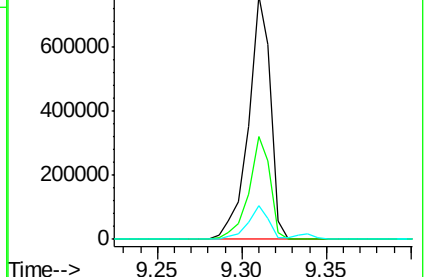
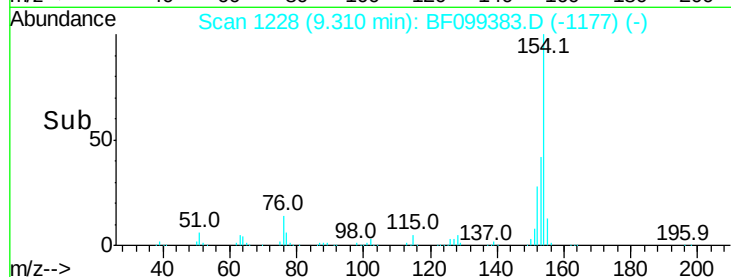
76 13.7 0.0 34.0



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): BFO



#46

2-Chloronaphthalene

Concen: 41.687 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

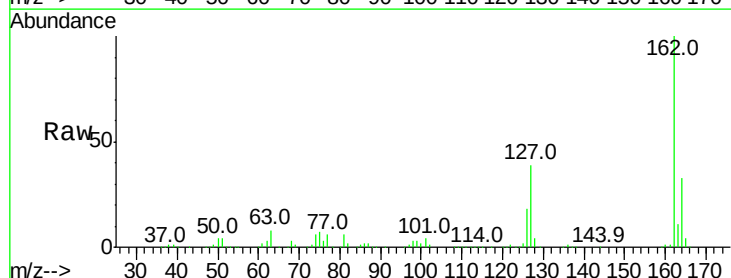
Tgt Ion:162 Resp: 545733

Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	33.5	26.5	39.7

162 100

127 39.2 33.9 50.9

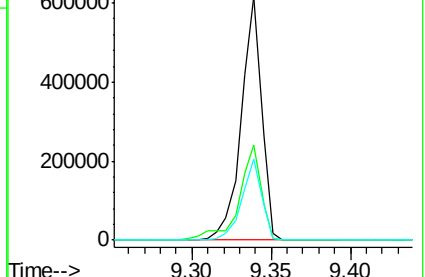
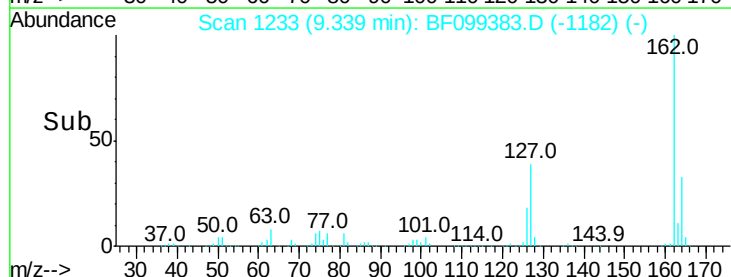
164 33.5 26.5 39.7

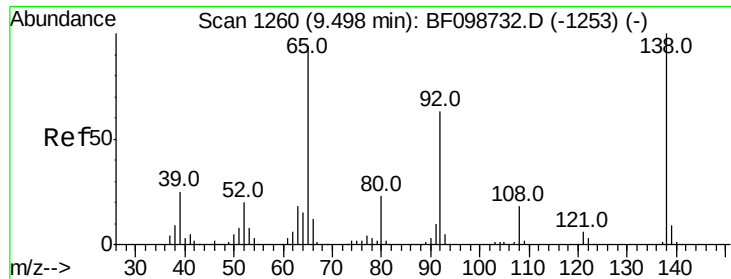


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

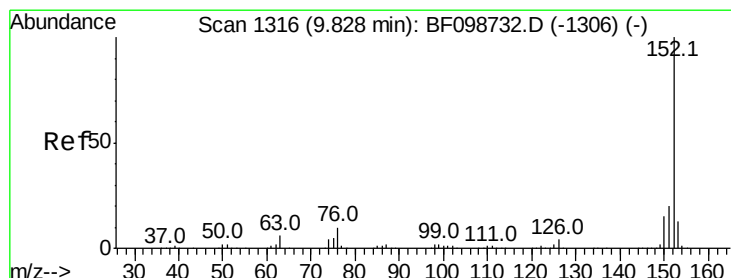
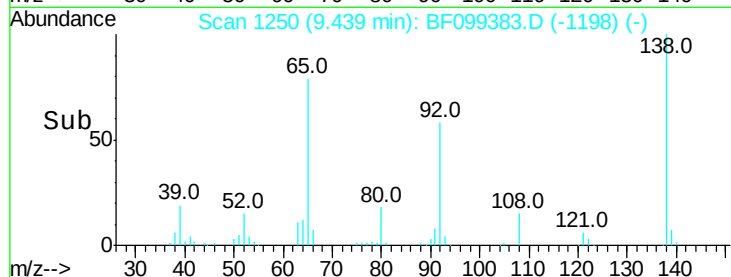
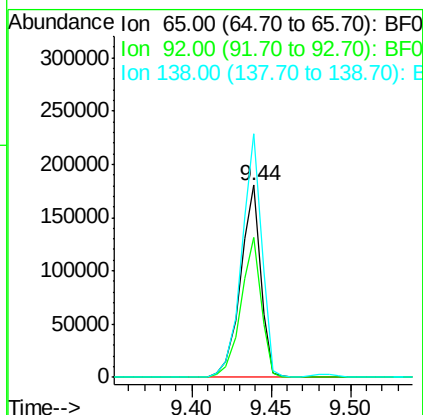
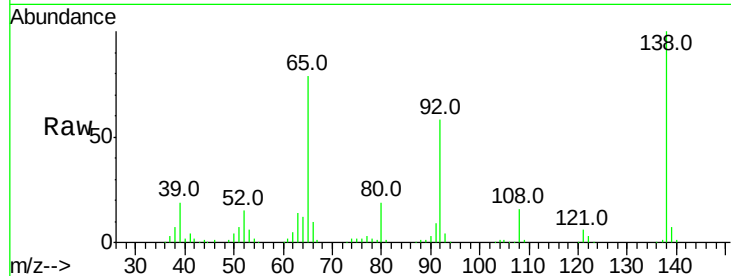




#47
 2-Nitroaniline
 Concen: 39.658 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

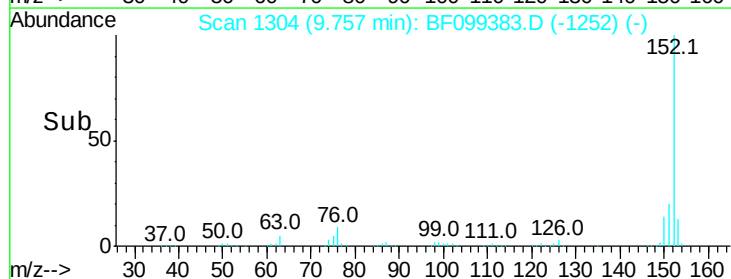
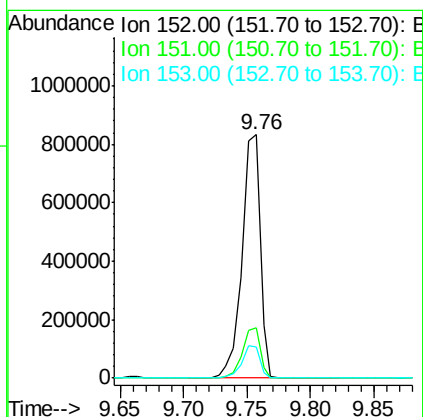
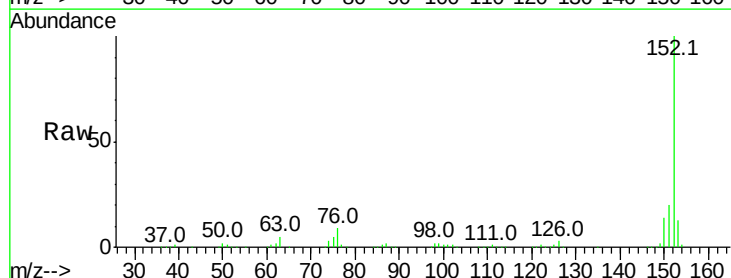
Instrument :
 BNA_F
 ClientSampleId :

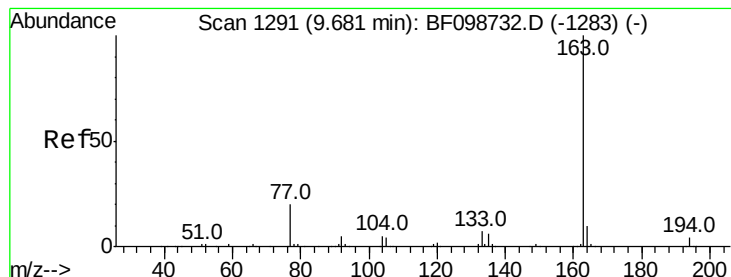
Tot Ion: 65 Resp: 158971
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 126.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.136 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion: 152 Resp: 824383
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 41.985 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

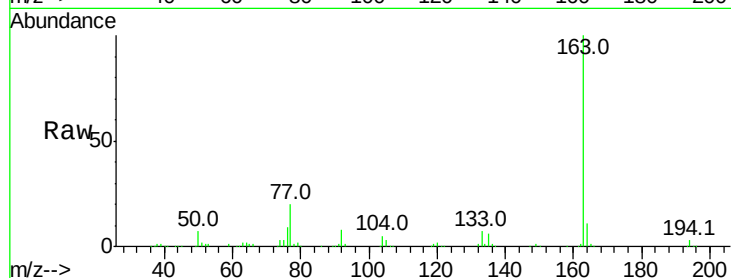
Tot Ion:163 Resp: 642861

Ion Ratio Lower Upper

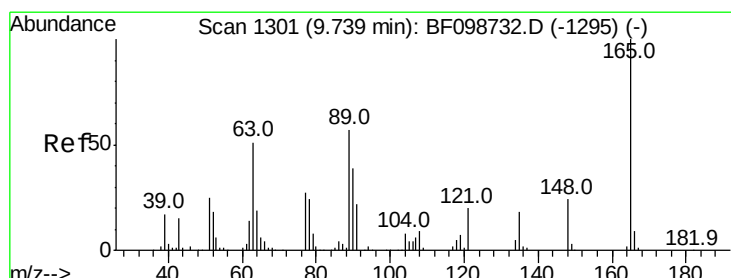
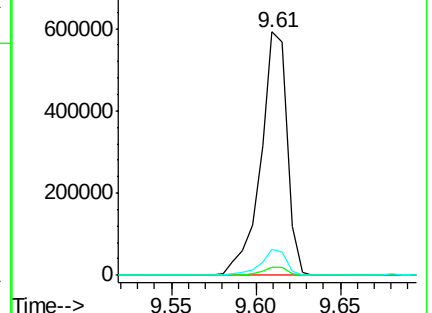
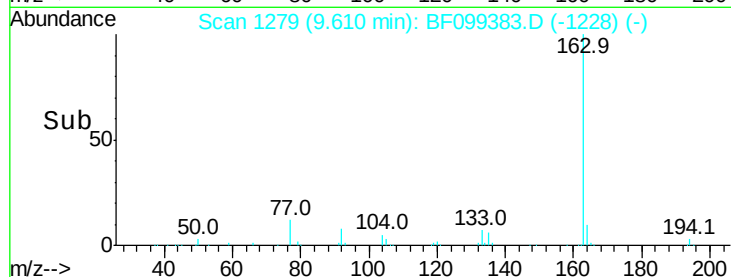
163 100

194 3.4 2.7 4.1

164 10.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.870 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

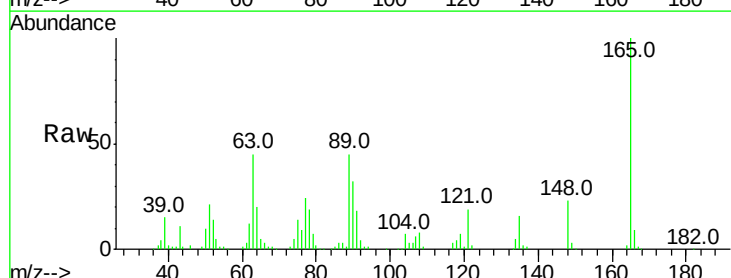
Tgt Ion:165 Resp: 142907

Ion Ratio Lower Upper

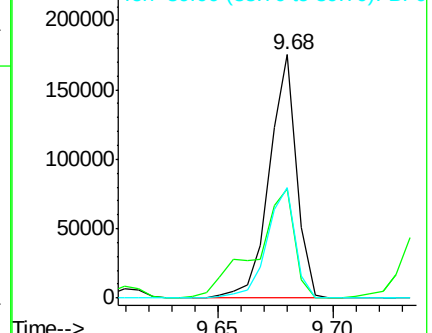
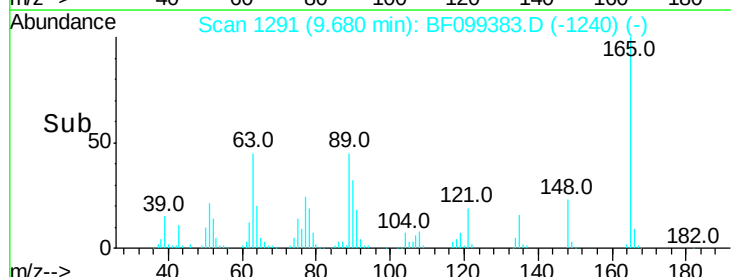
165 100

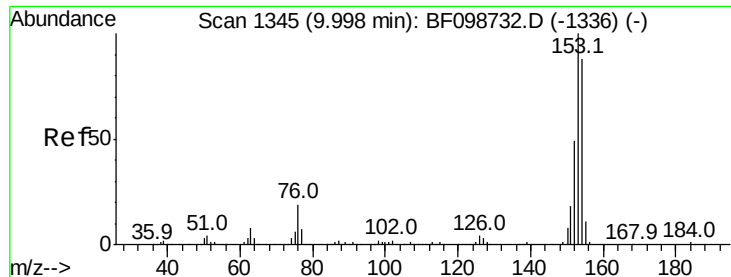
63 44.8 44.7 67.1

89 45.5 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: 37.962 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

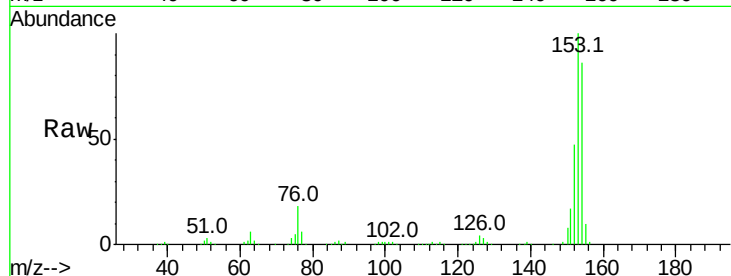
Tot Ion:154 Resp: 481917

Ion Ratio Lower Upper

154 100

153 116.6 91.2 136.8

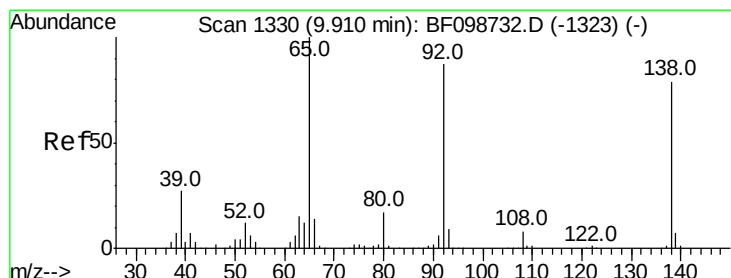
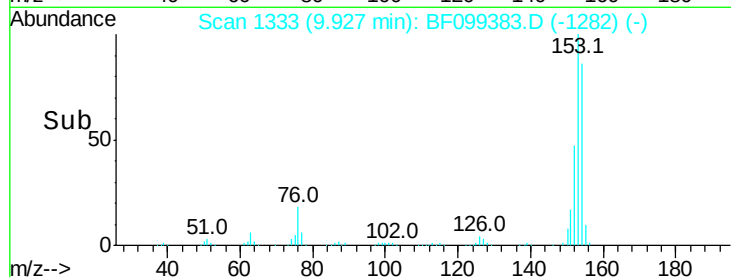
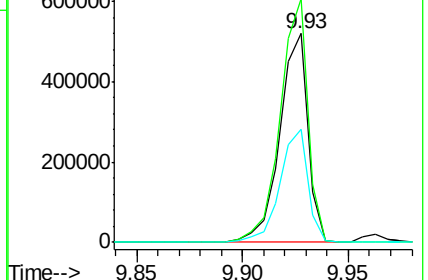
152 54.3 43.8 65.8



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: 32.535 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

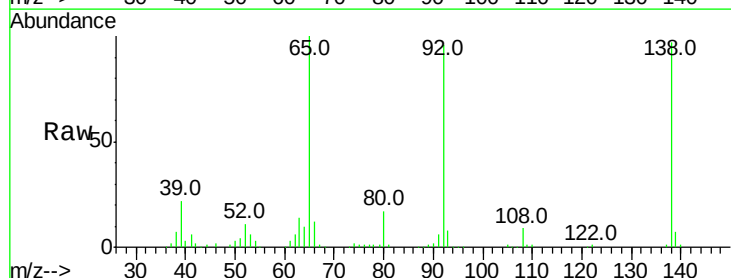
Tgt Ion:138 Resp: 126458

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

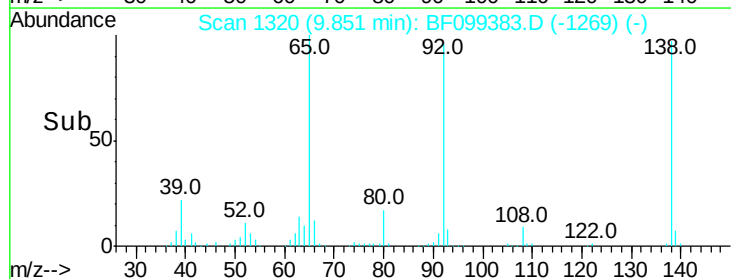
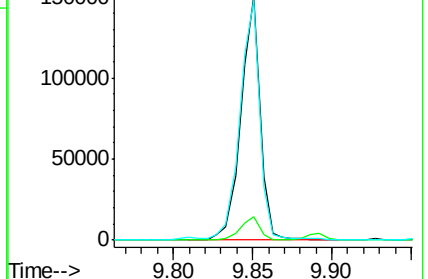
92 98.4 89.4 134.2

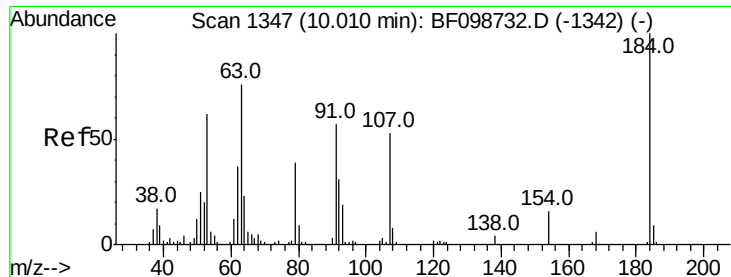


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

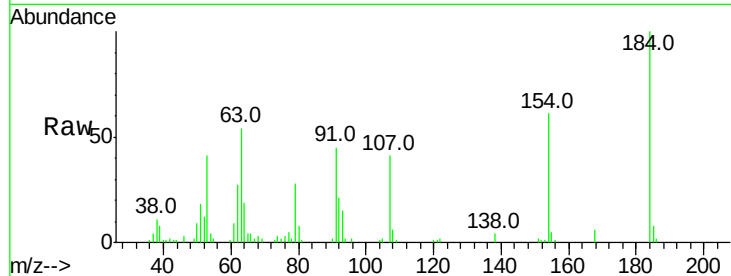




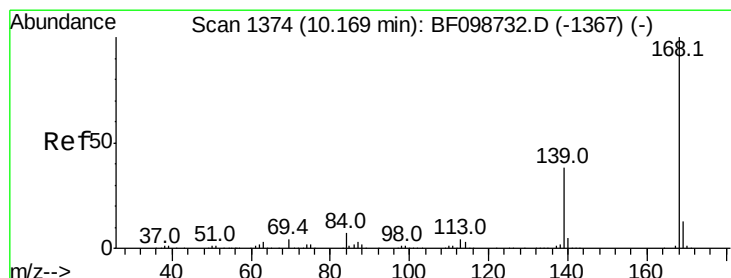
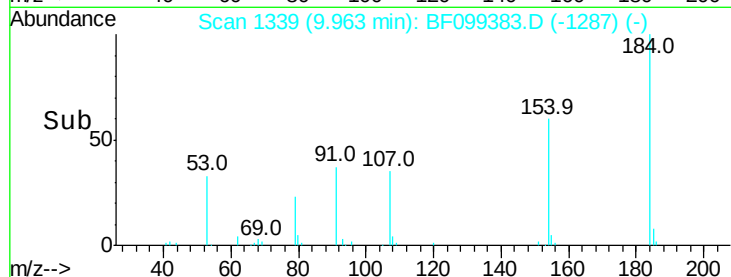
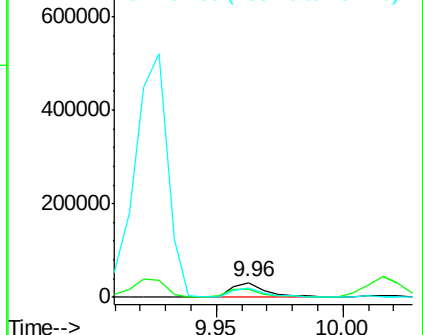
#53
 2,4-Dinitrophenol
 Concen: 22.204 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 30654
 Ion Ratio Lower Upper
 184 100
 63 54.3 54.2 81.2
 154 61.3 53.5 80.3

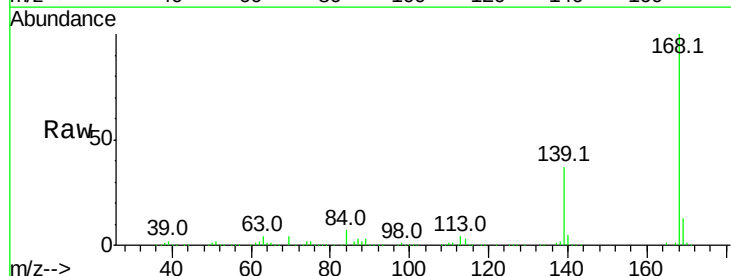


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

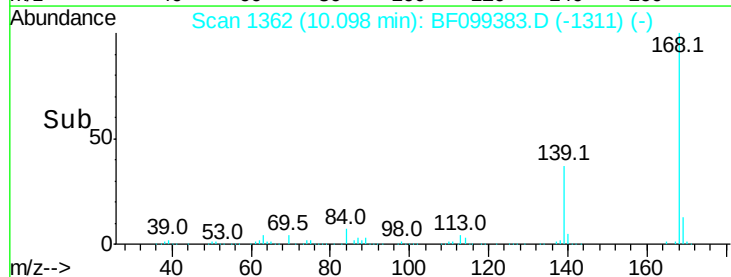
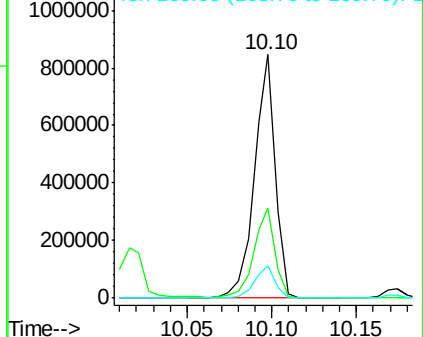


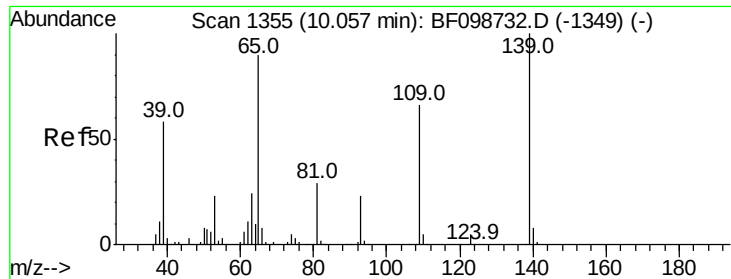
#54
 Dibenzofuran
 Concen: 43.079 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion:168 Resp: 728134
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 13.1 10.9 16.3



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

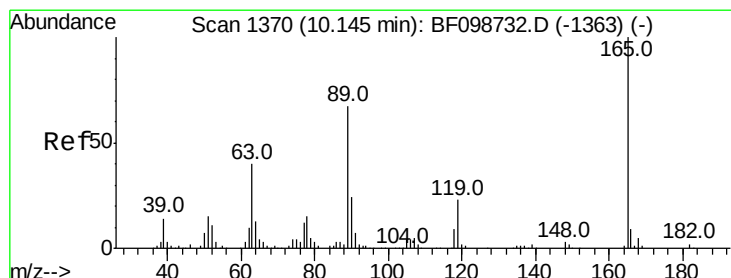
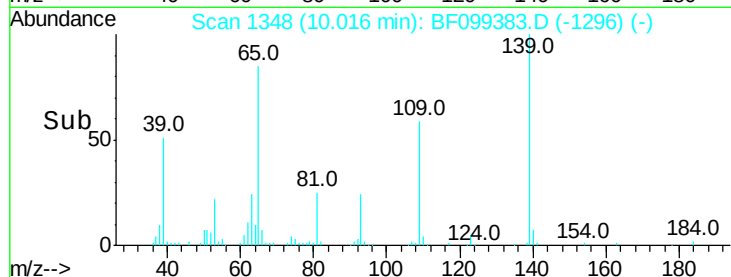
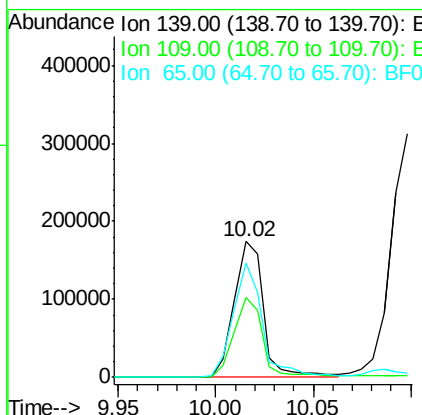
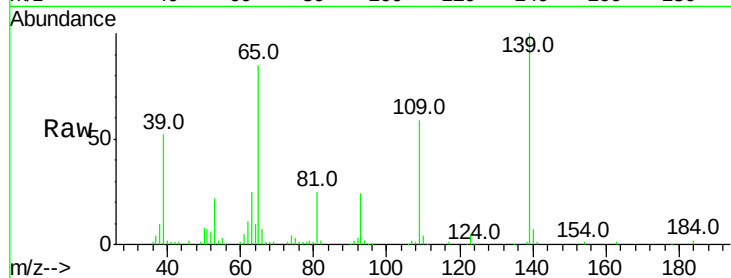




#55
4-Nitrophenol
Concen: 55.764 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

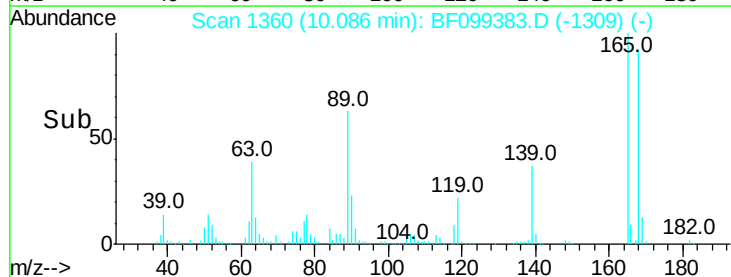
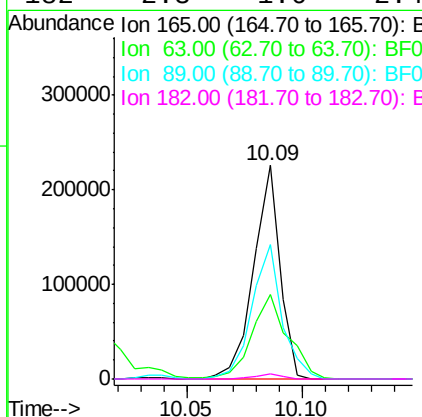
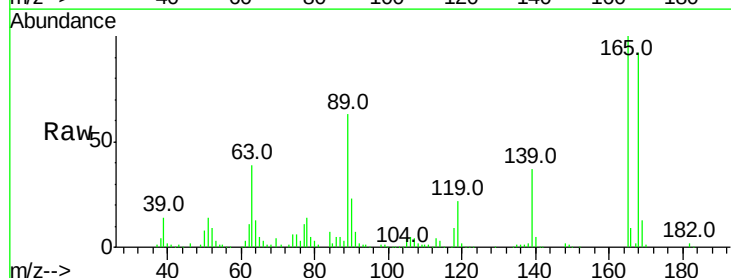
Instrument :
BNA_F
ClientSampled :

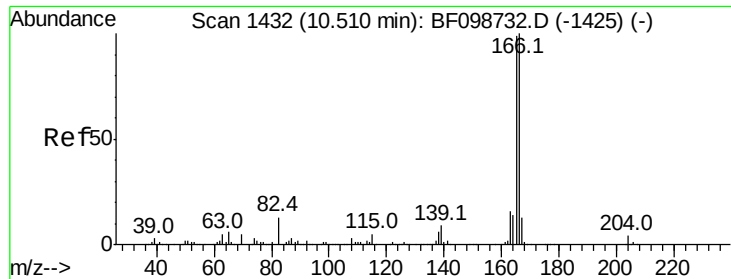
Tot Ion:139 Resp: 183273
Ion Ratio Lower Upper
139 100
109 58.6 48.4 88.4
65 84.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.073 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:165 Resp: 182018
Ion Ratio Lower Upper
165 100
63 39.5 36.4 54.6
89 63.1 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.022 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

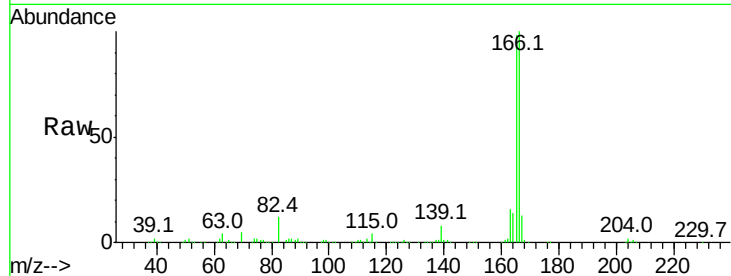
Tot Ion:166 Resp: 570885

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

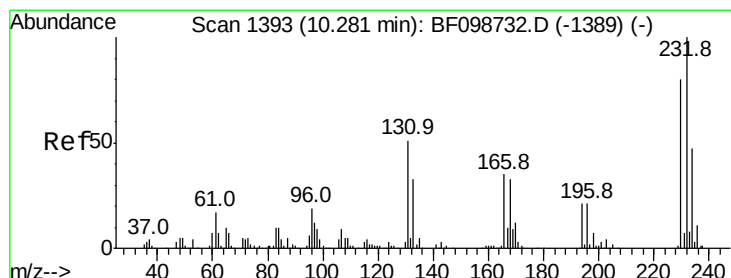
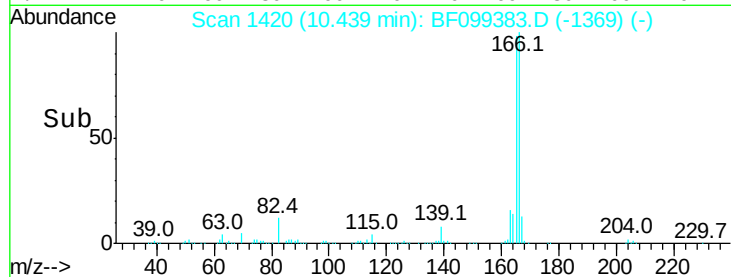
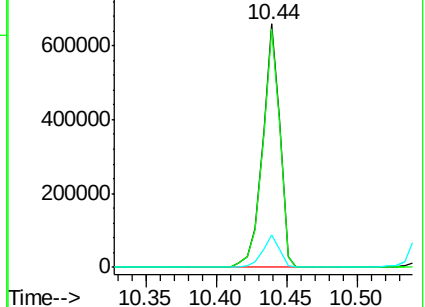
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.754 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:232 Resp: 114545

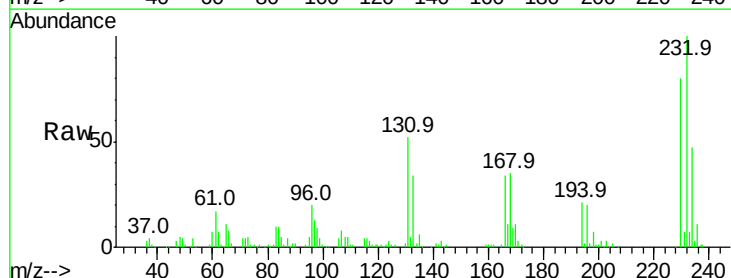
Ion Ratio Lower Upper

232 100

131 53.0 43.8 65.8

130 2.5 2.1 3.1

166 35.1 27.8 41.6

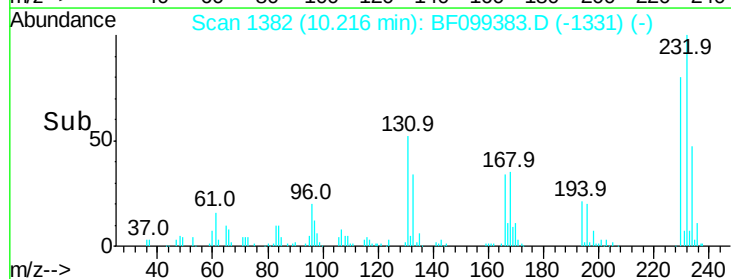
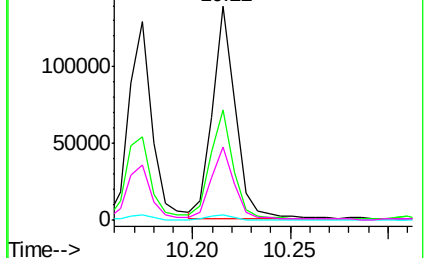


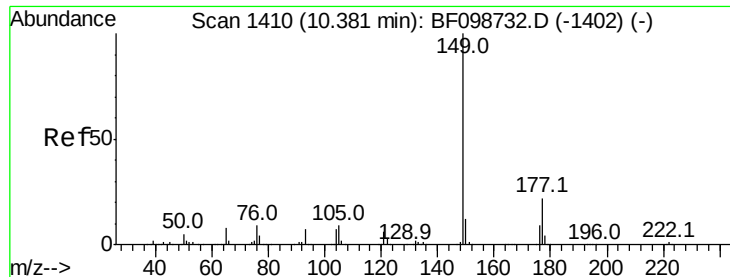
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

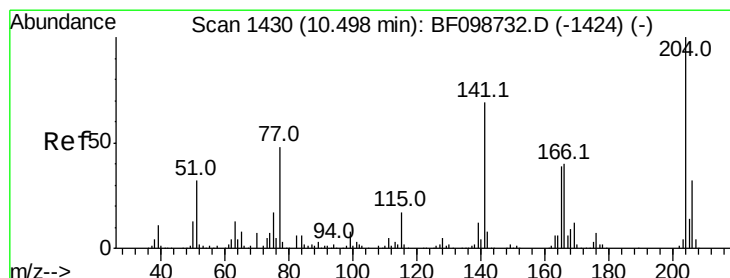
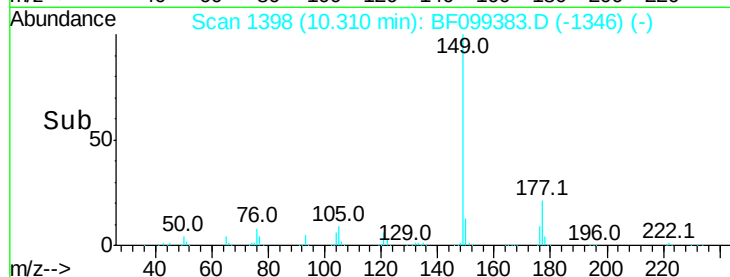
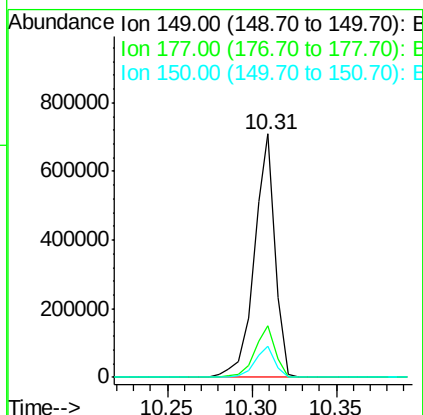
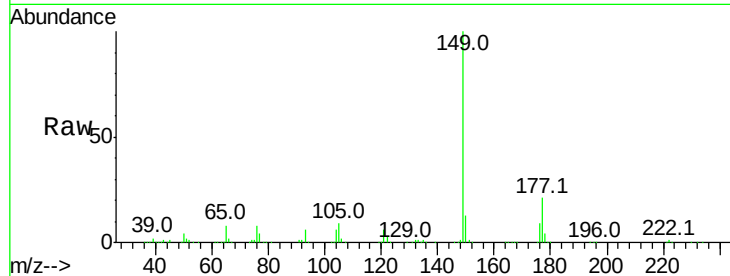




#59
Diethylphthalate
Concen: 40.445 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

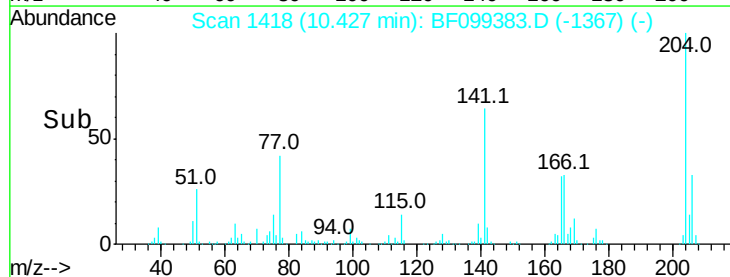
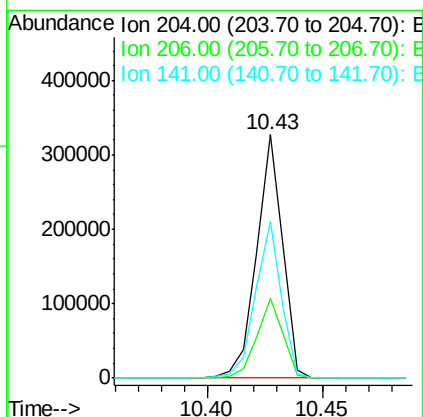
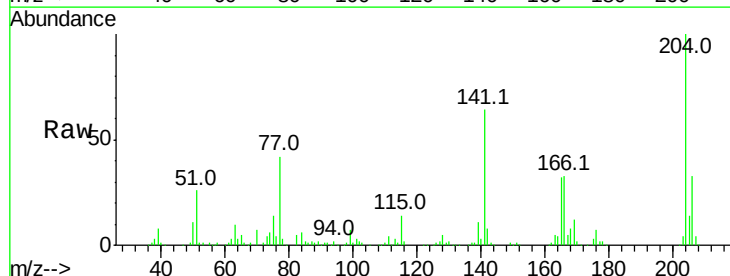
Instrument :
BNA_F
ClientSampleId :

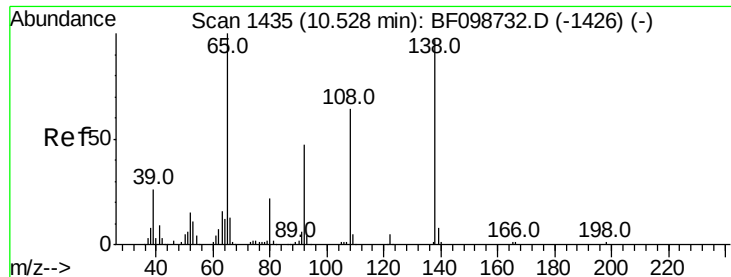
Tot Ion:149 Resp: 605138
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.161 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:204 Resp: 257293
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.1 54.6 81.8

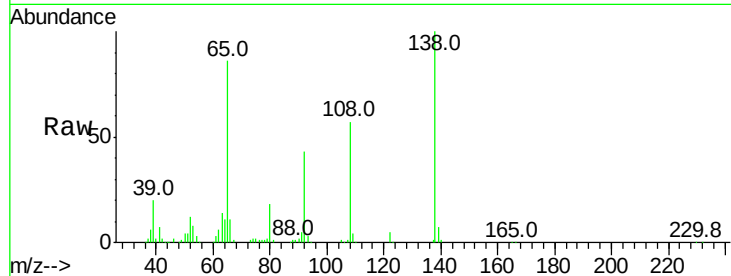




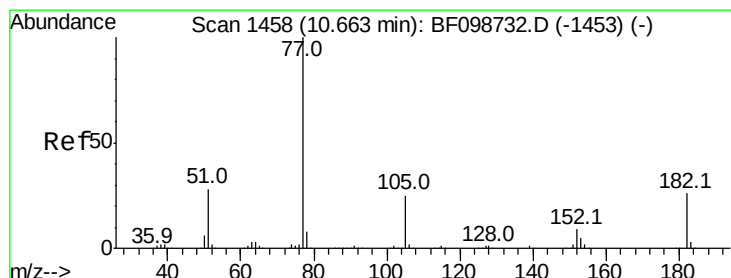
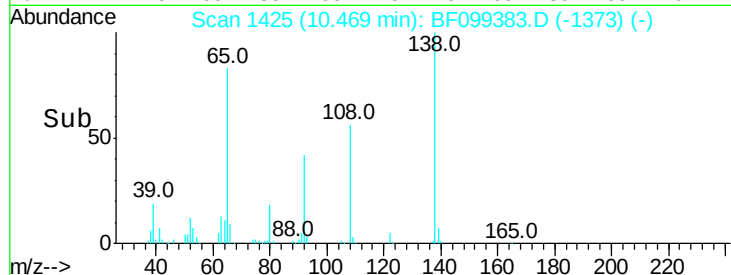
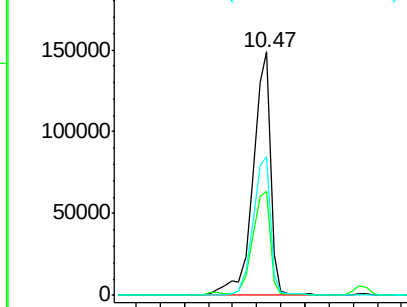
#61
4-Nitroaniline
Concen: 40.612 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 152289
Ion Ratio Lower Upper
138 100
92 42.6 30.2 70.2
108 57.2 52.5 92.5

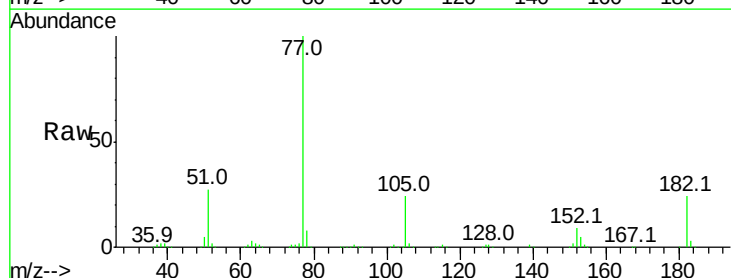


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

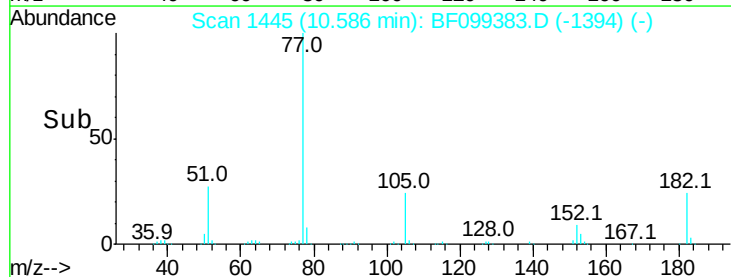
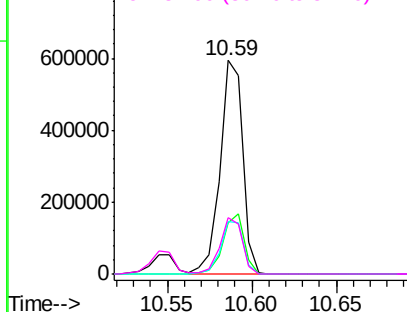


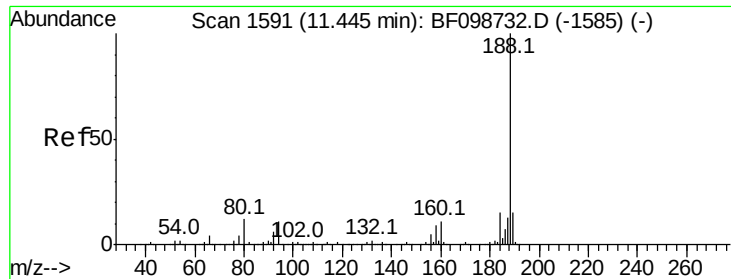
#62
Azobenzene
Concen: 40.178 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion: 77 Resp: 552735
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 24.3 3.0 43.0
51 26.6 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

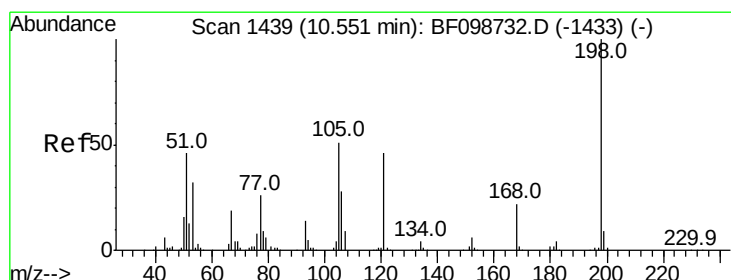
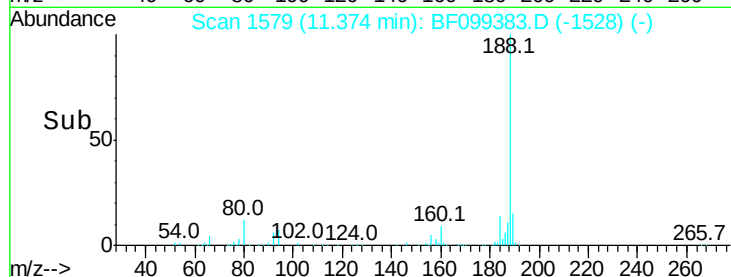
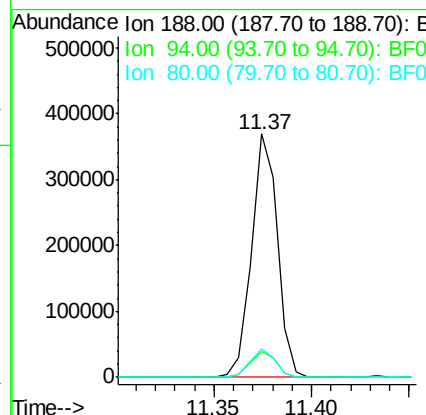
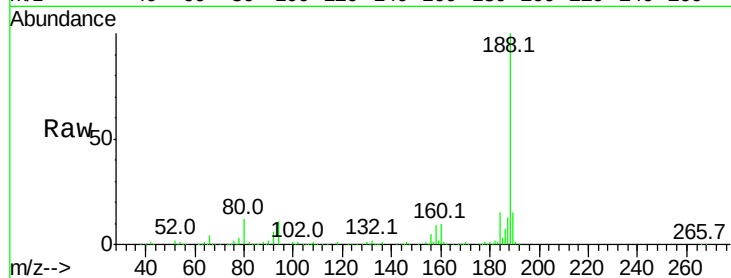




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

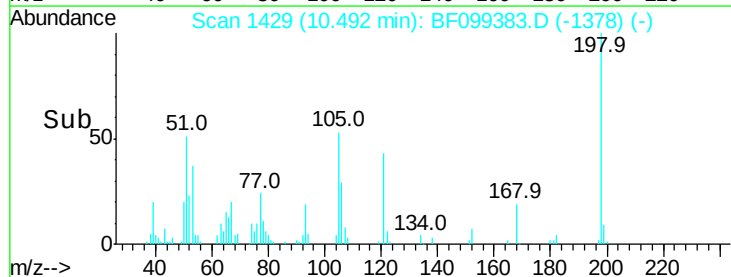
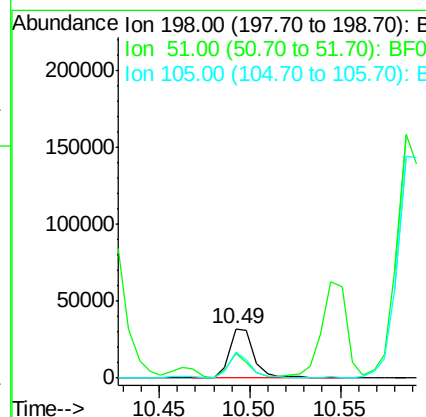
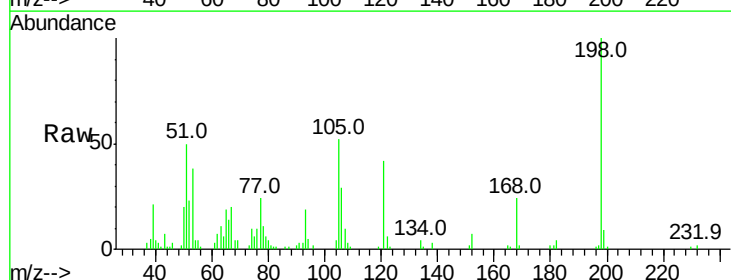
Instrument :
BNA_F
ClientSampleId :

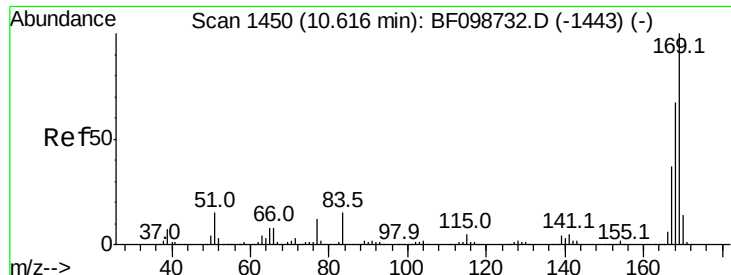
Tot Ion:188 Resp: 337773
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.785 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:198 Resp: 30384
Ion Ratio Lower Upper
198 100
51 50.2 37.7 77.7
105 52.4 36.3 76.3

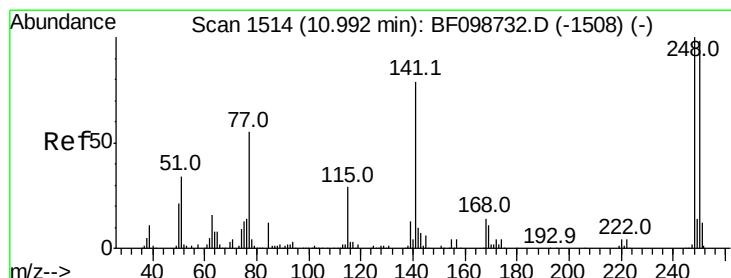
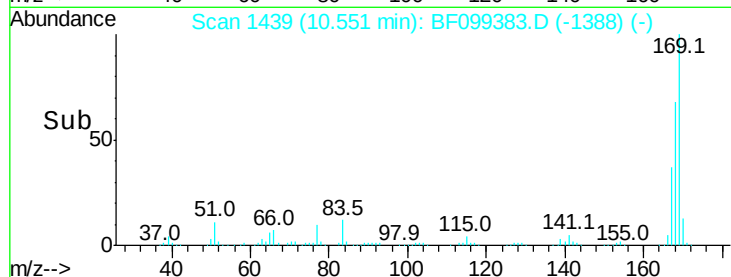
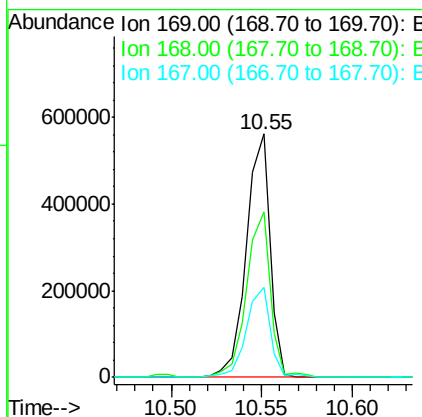
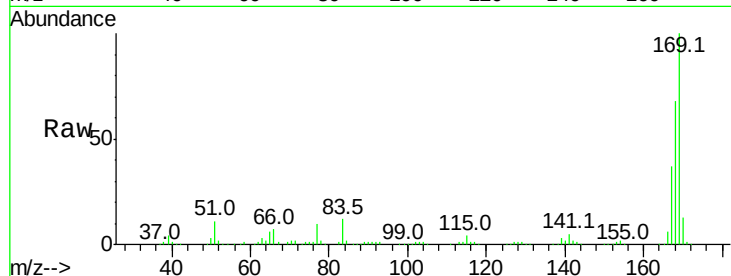




#65
 n-Nitrosodiphenylamine
 Concen: 43.734 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

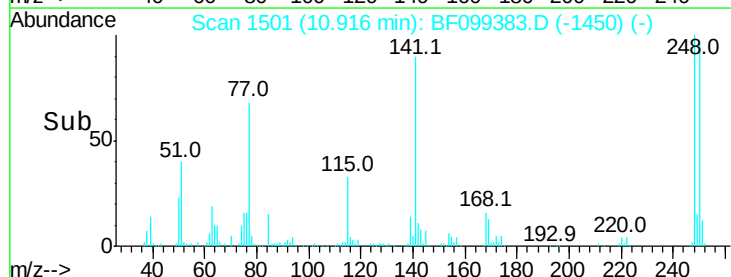
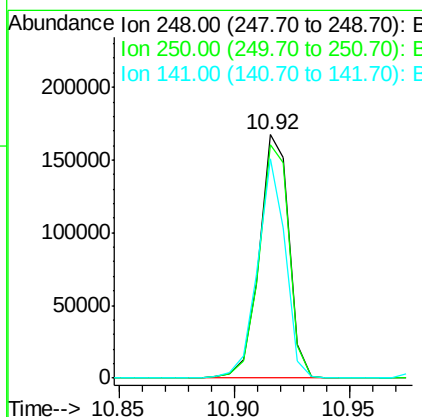
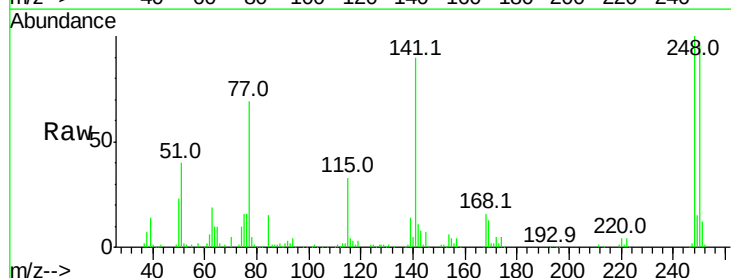
Instrument :
 BNA_F
 ClientSampleId :

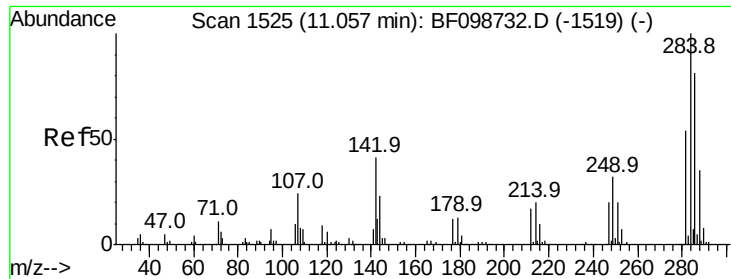
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.383 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	90.3	74.4	111.6

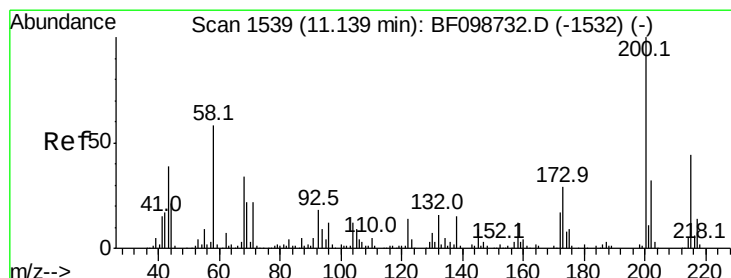
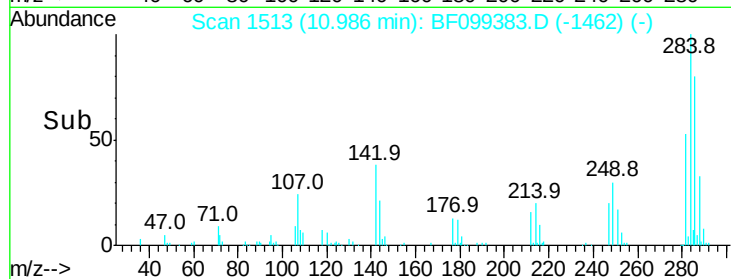
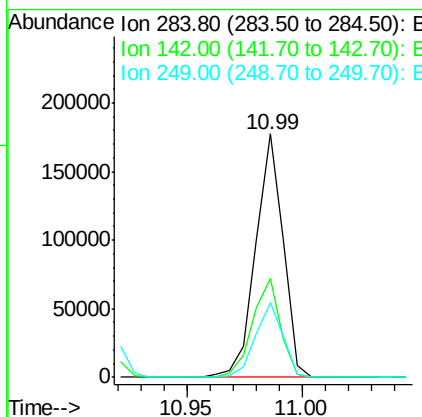
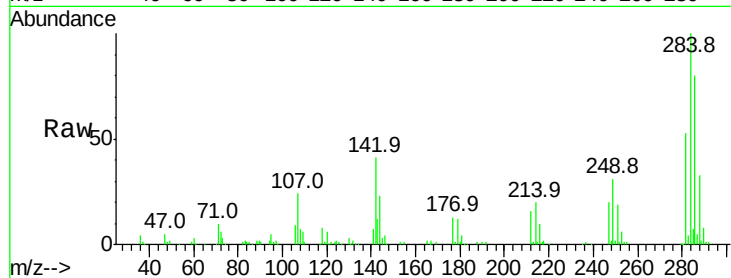




#67
Hexachlorobenzene
Concen: 41.685 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

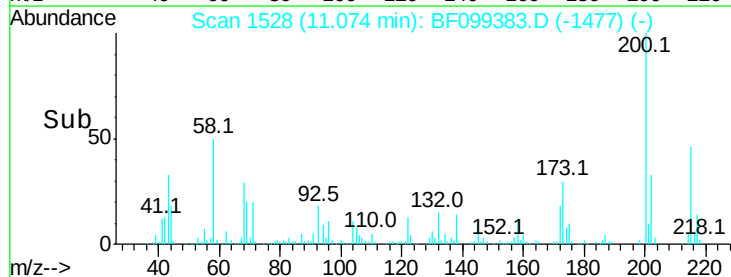
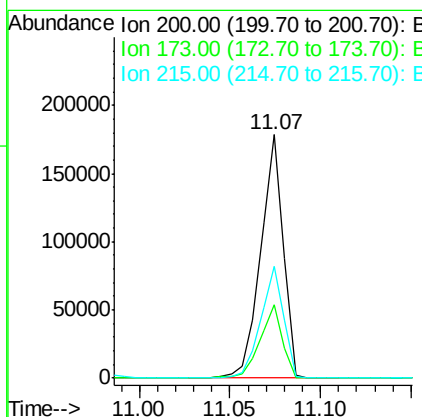
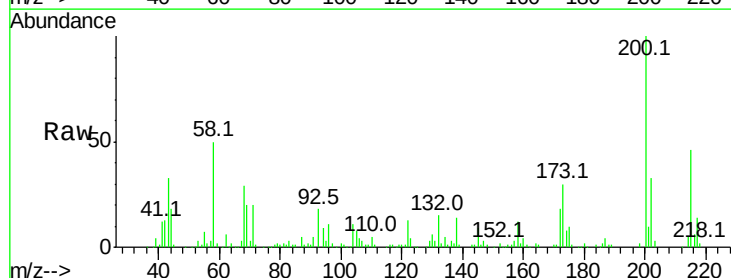
Instrument :
BNA_F
ClientSampleId :

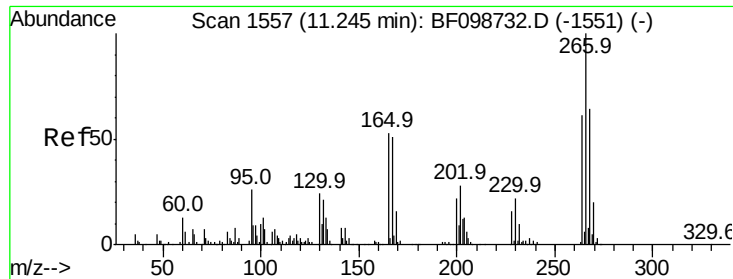
Tot Ion:284 Resp: 147200
Ion Ratio Lower Upper
284 100
142 40.6 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 44.117 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:200 Resp: 155320
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 46.2 25.1 65.1

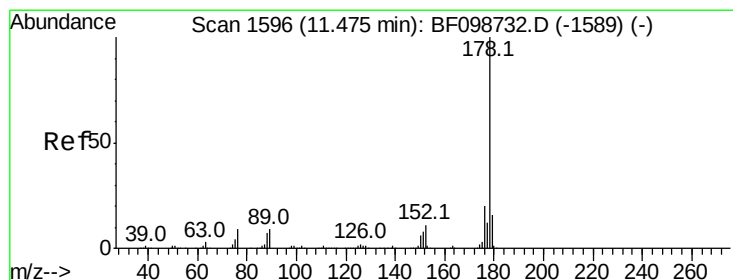
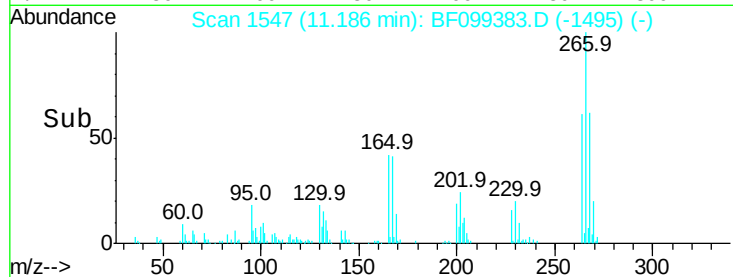
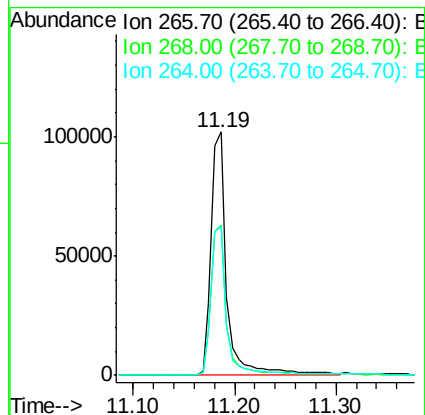
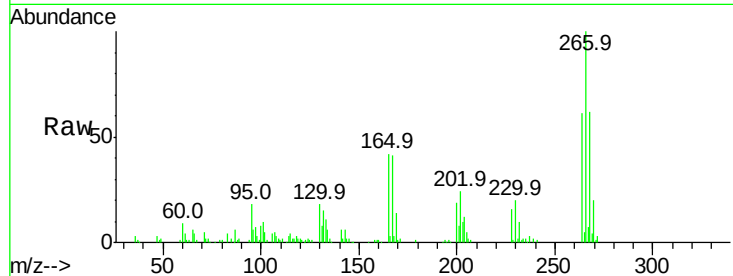




#69
 Pentachlorophenol
 Concen: 50.603 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

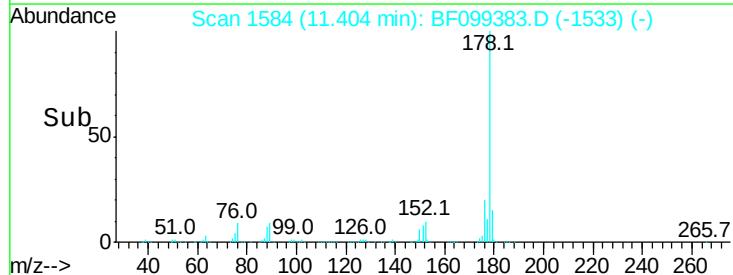
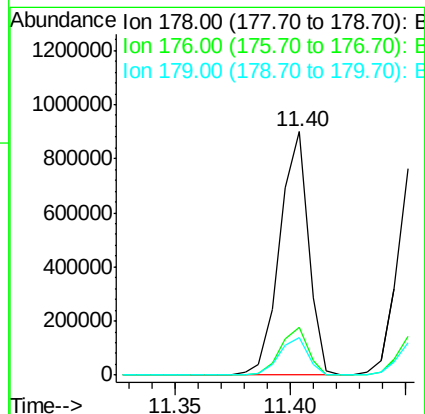
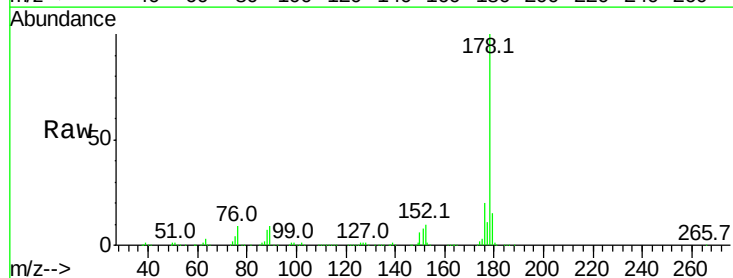
Instrument :
 BNA_F
 ClientSampleId :

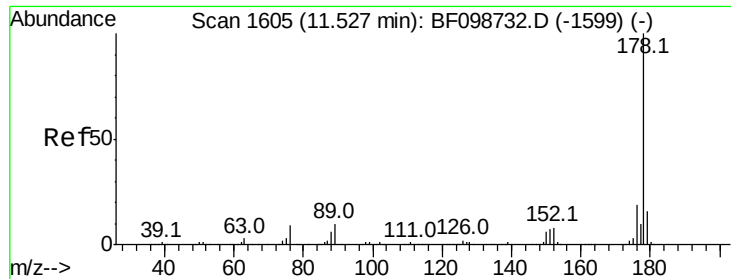
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	61.2	49.5	74.3



#70
 Phenanthrene
 Concen: 42.773 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6

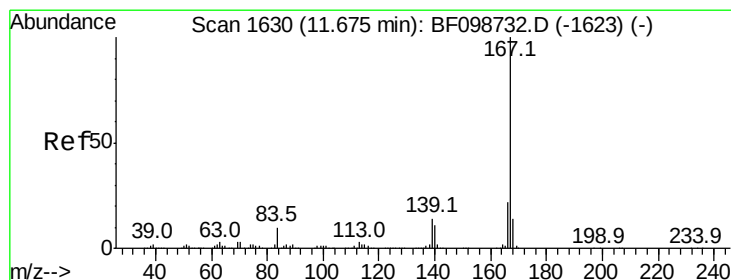
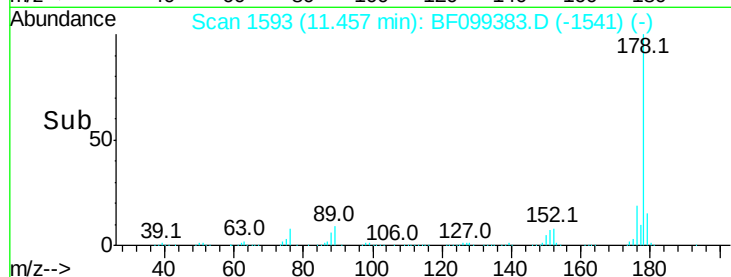
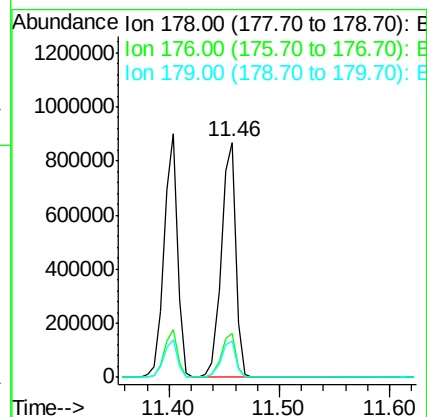
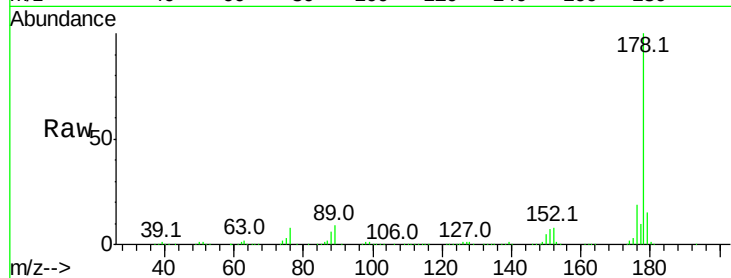




#71
 Anthracene
 Concen: 42.756 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

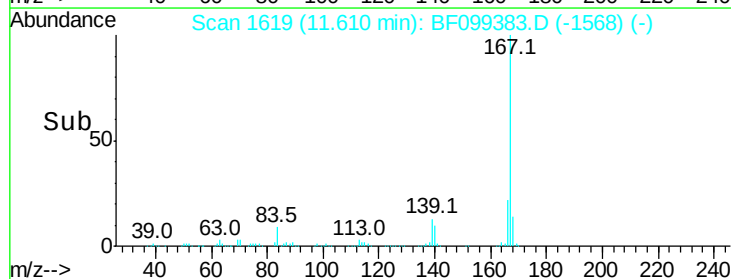
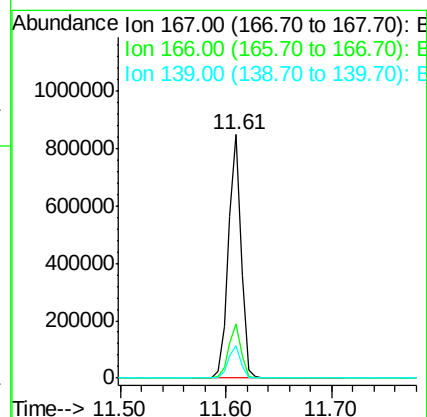
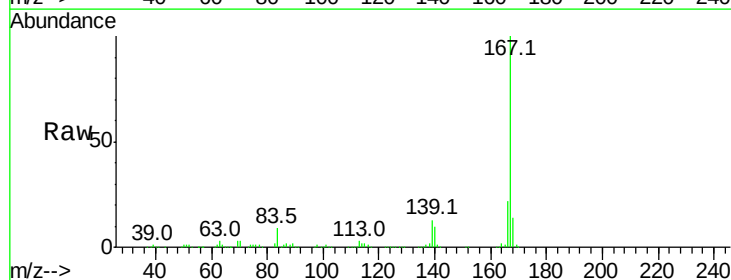
Instrument :
 BNA_F
 ClientSampleId :

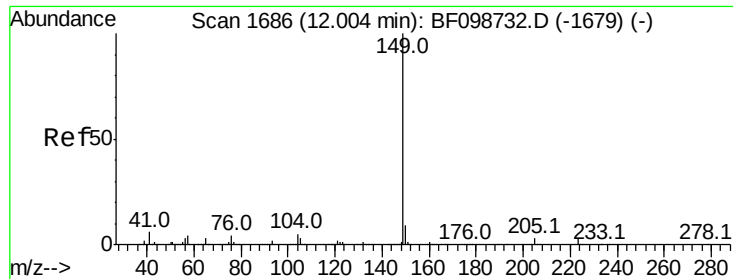
Tot Ion:178 Resp: 790965
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 39.412 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion:167 Resp: 713983
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.163 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampled :

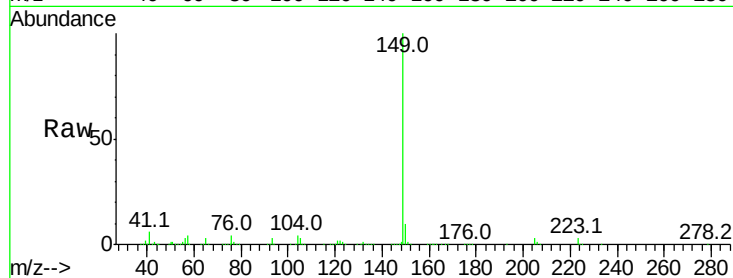
Tot Ion:149 Resp: 919391

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

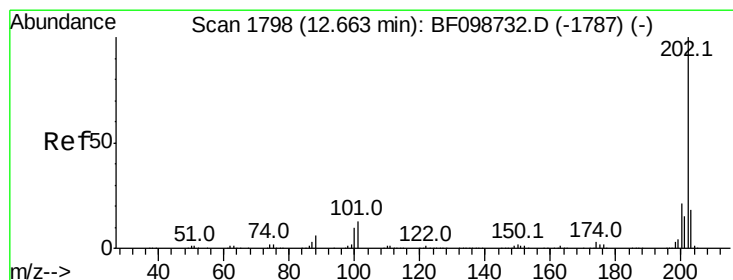
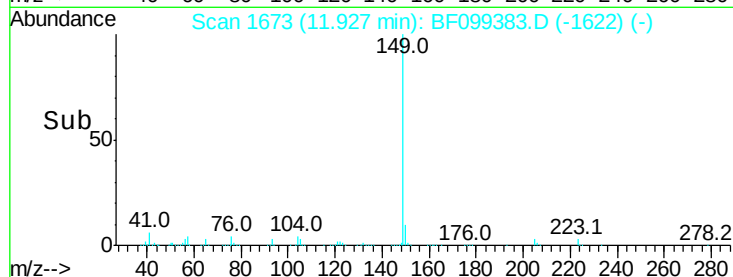
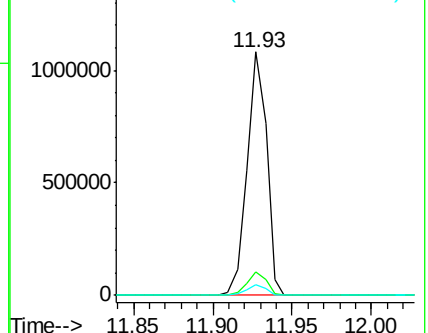
104 4.4 3.8 5.8



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: 37.290 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

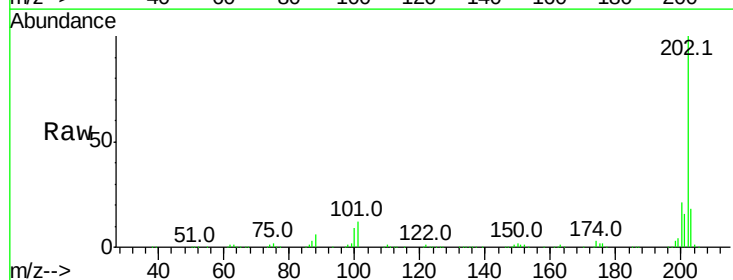
Tgt Ion:202 Resp: 682705

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

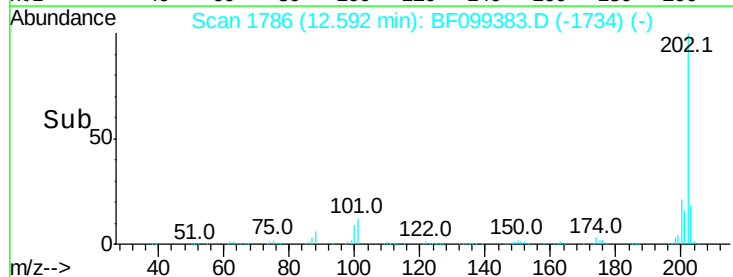
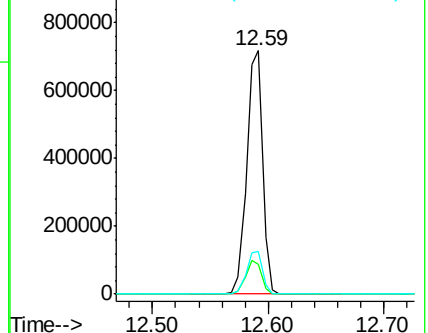
203 17.7 0.0 38.1

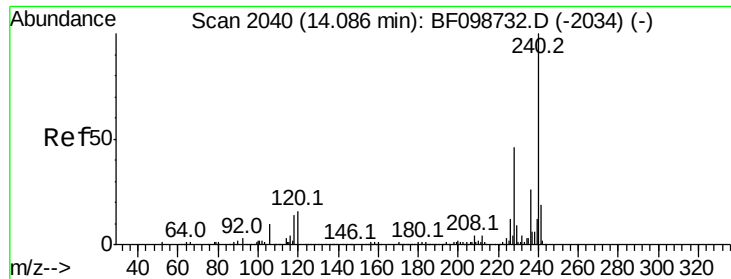


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

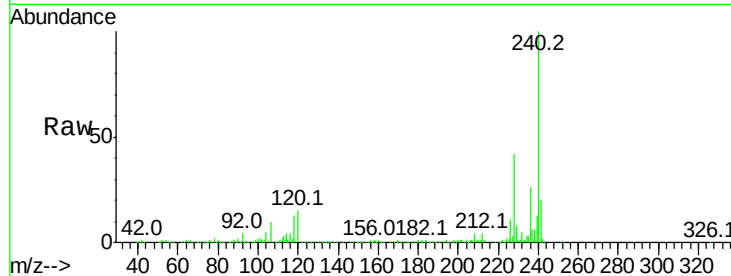
Tot Ion:240 Resp: 188703

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

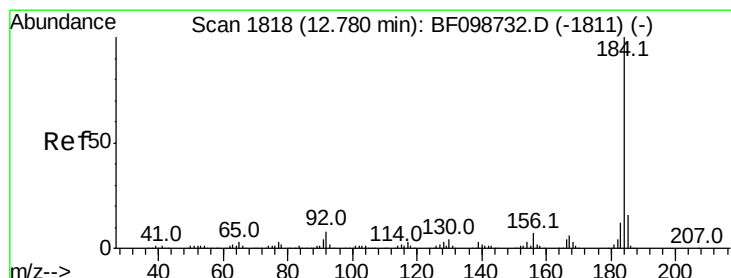
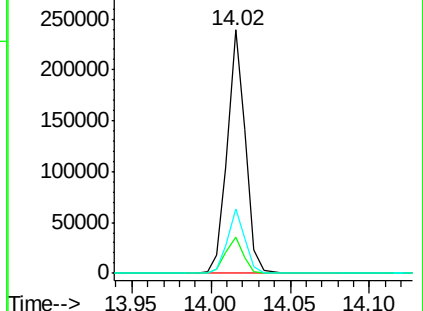
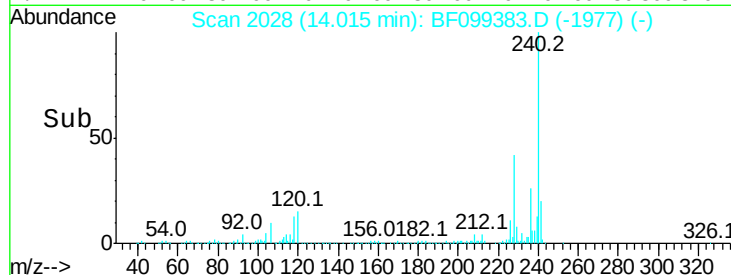
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.264 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

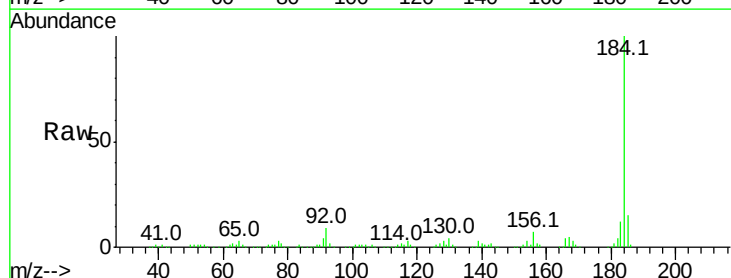
Tgt Ion:184 Resp: 322898

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

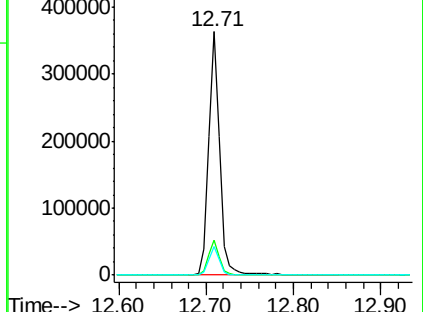
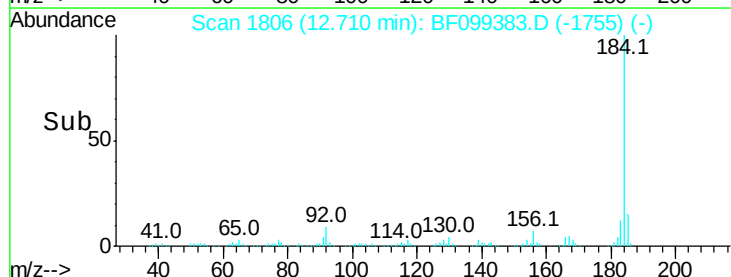
183 11.8 9.3 13.9

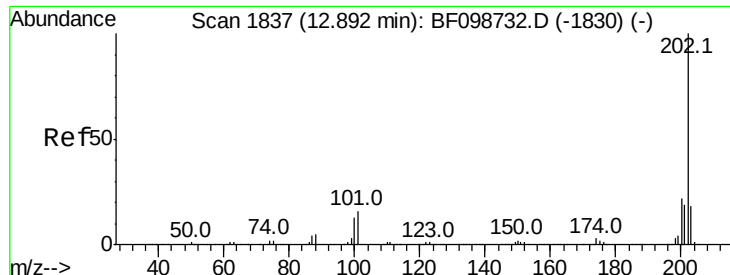


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

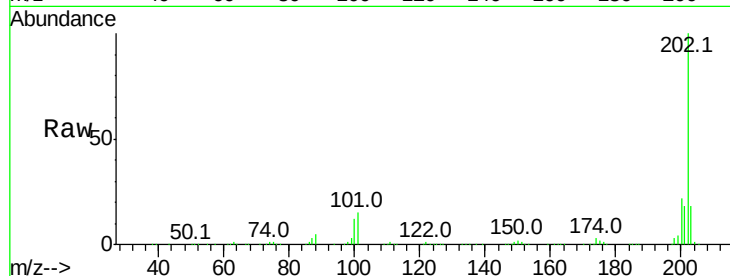




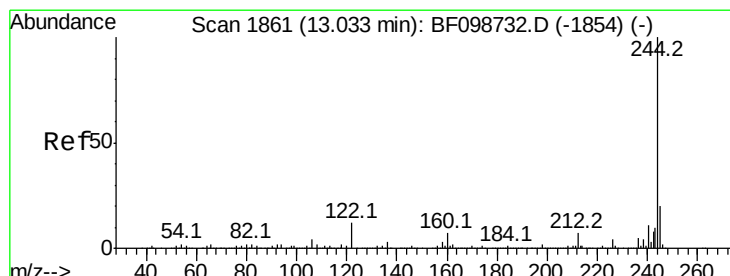
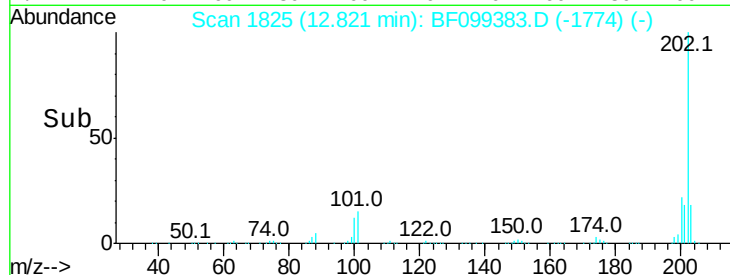
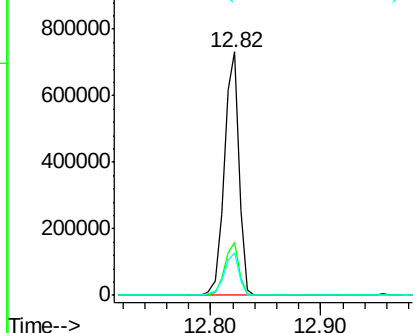
#77
Pvrene
Concen: 47.266 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 680131
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5

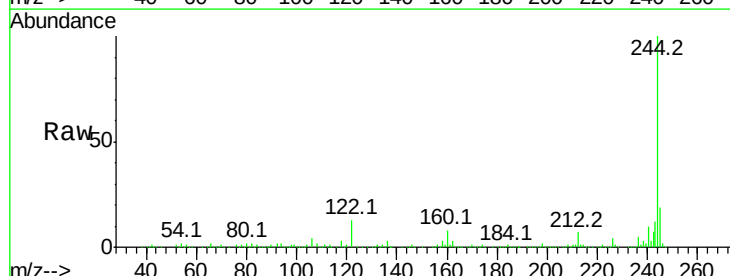


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

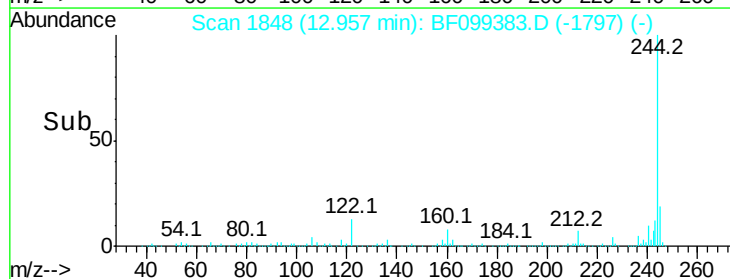
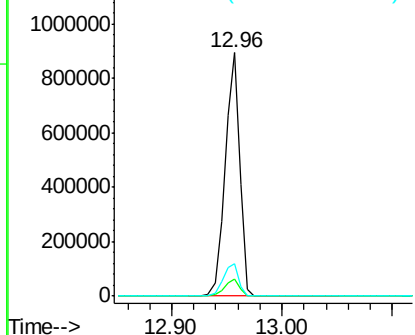


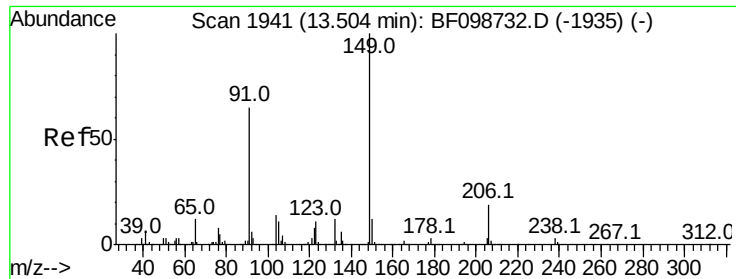
#78
Terphenyl-d14
Concen: 99.649 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:244 Resp: 826841
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.3 11.0 16.4



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

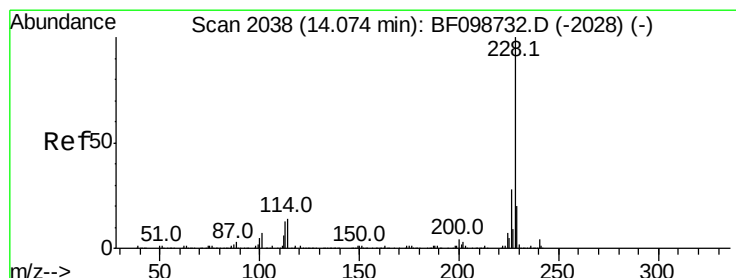
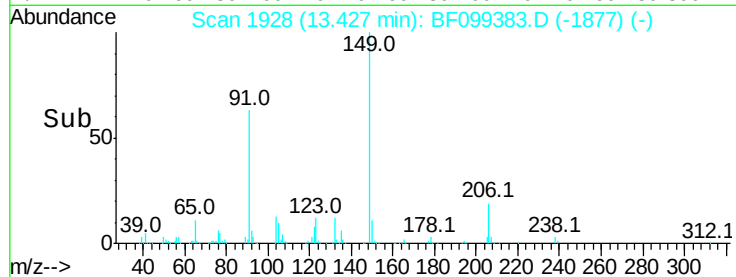
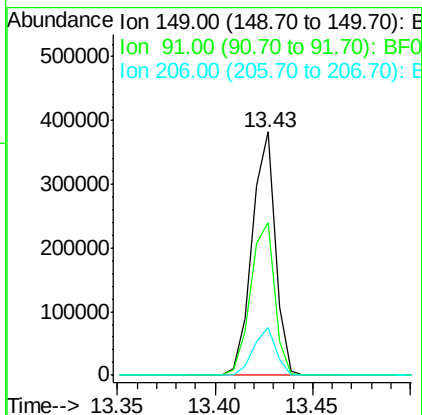
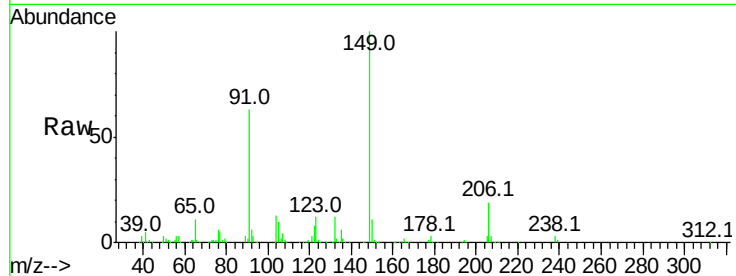




#79
 Butylbenzylphthalate
 Concen: 46.764 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

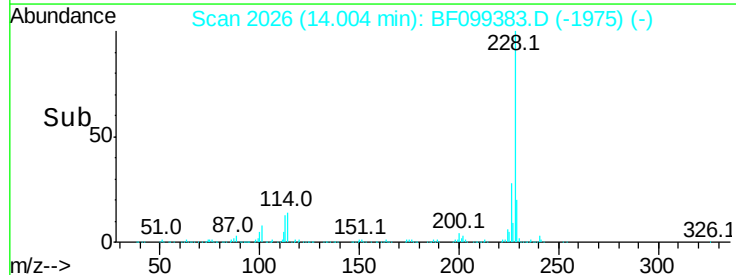
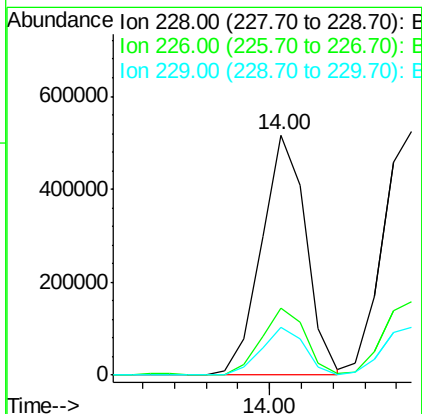
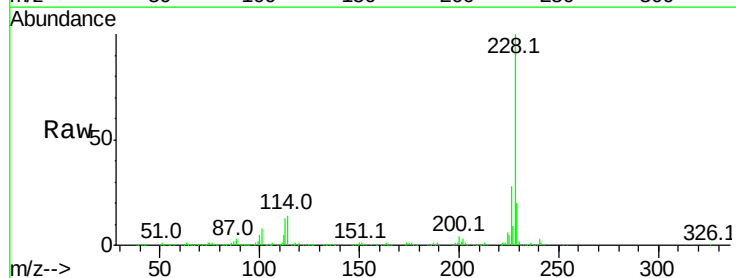
Instrument :
 BNA_F
 ClientSampleId :

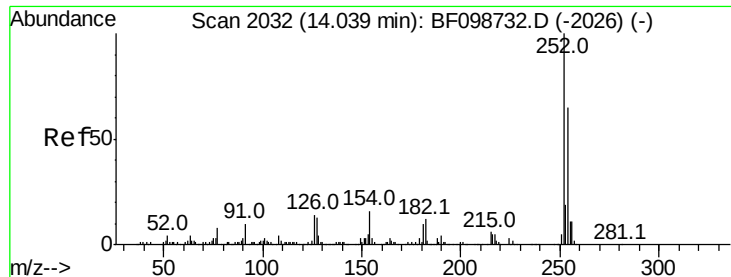
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	56.8	85.2
206	19.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 43.937 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6

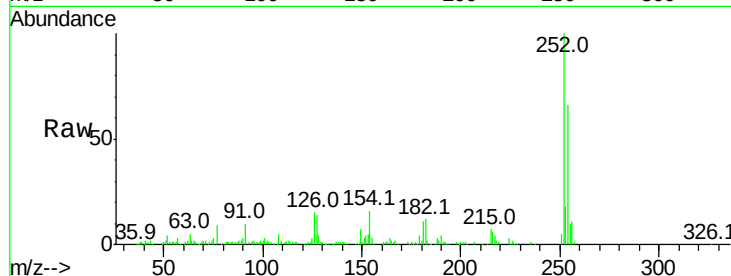




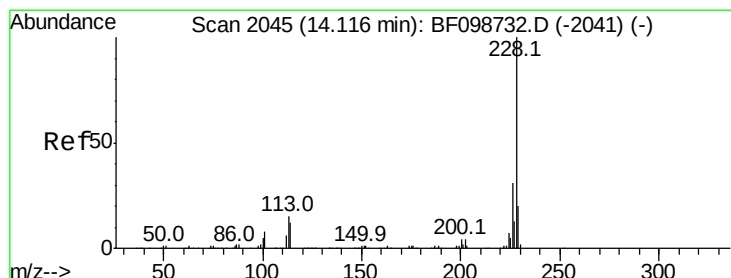
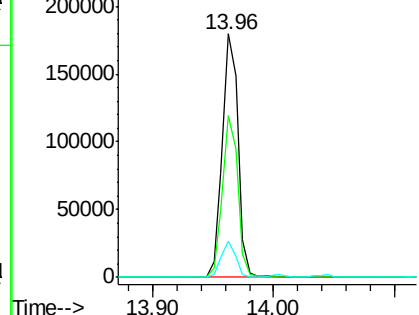
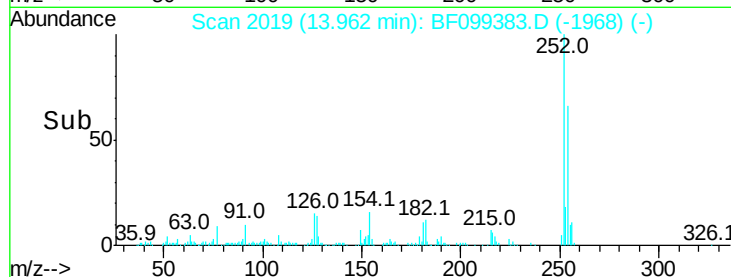
#81
 3,3'-Dichlorobenzidine
 Concen: 38.327 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.4	75.6
126	14.7	11.3	16.9

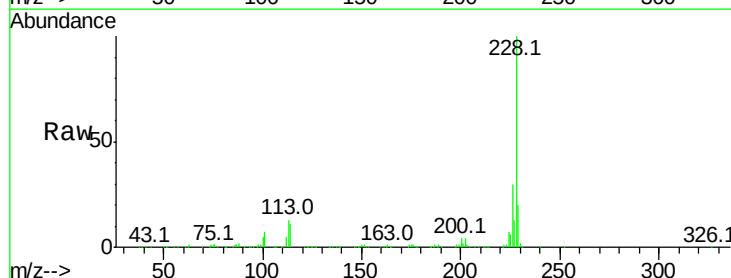


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

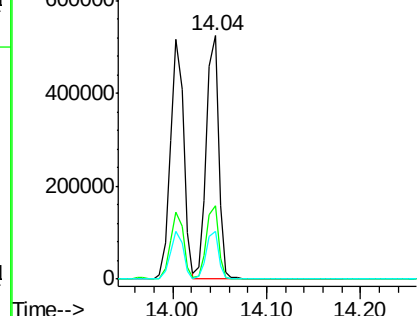
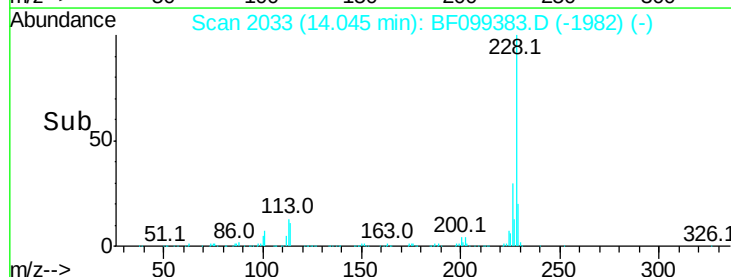


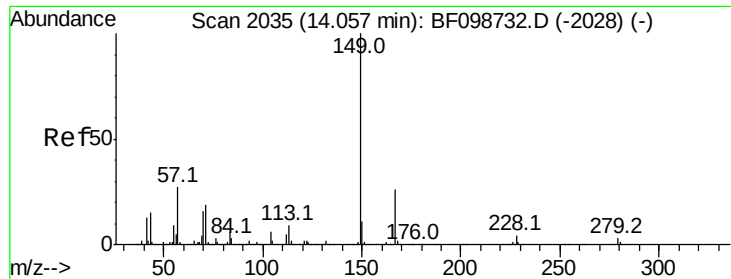
#82
 Chrysene
 Concen: 44.410 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.408 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

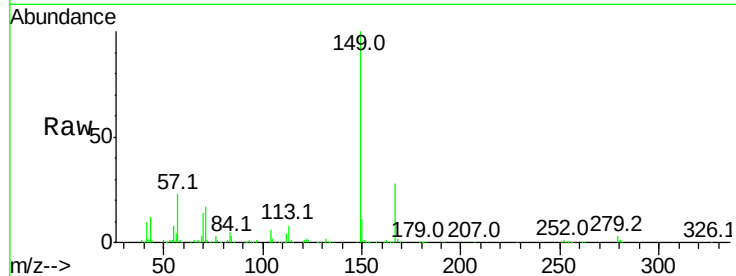
Tot Ion:149 Resp: 413521

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

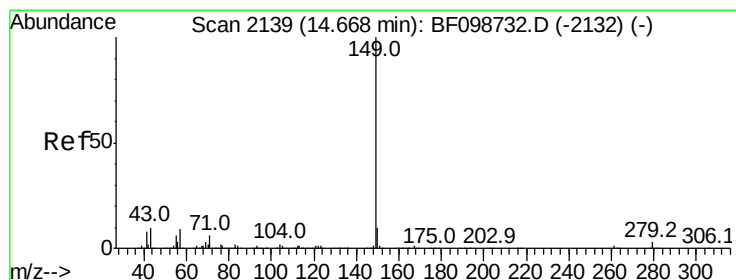
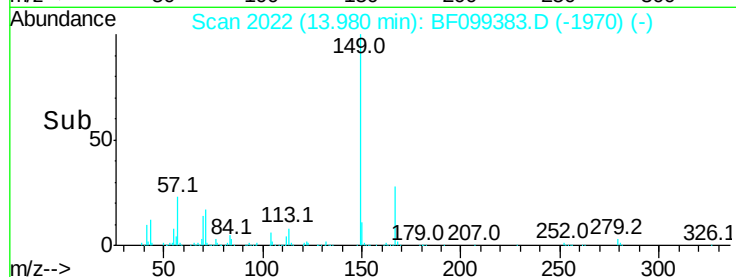
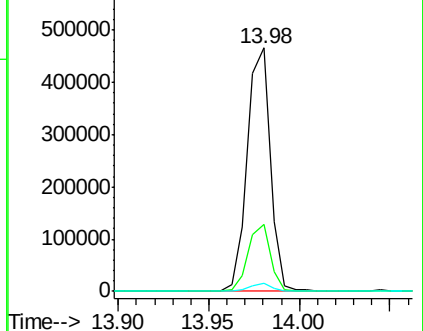
279 3.5 3.0 4.4



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: 42.566 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

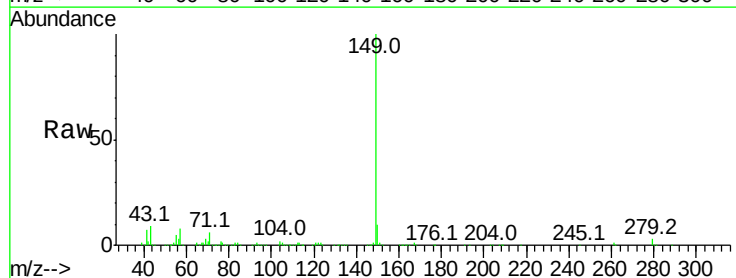
Tgt Ion:149 Resp: 638229

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

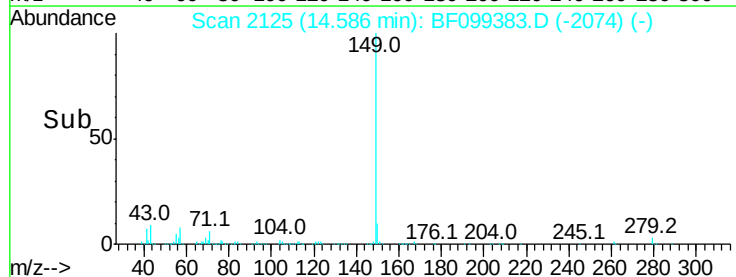
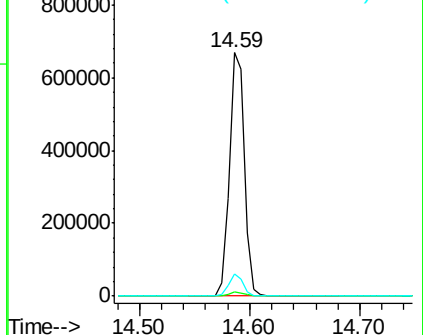
43 8.7 8.4 12.6

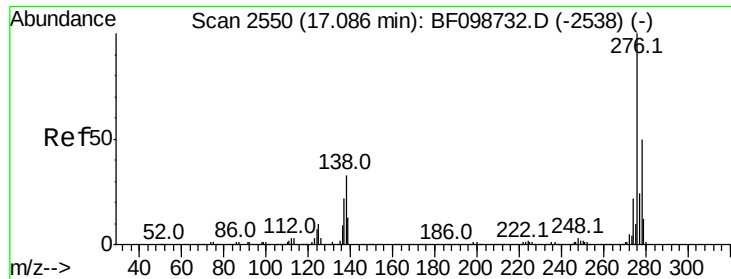


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

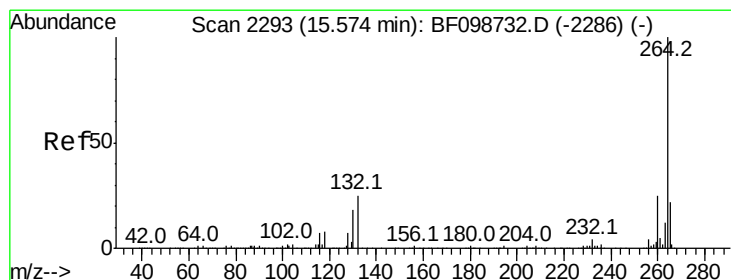
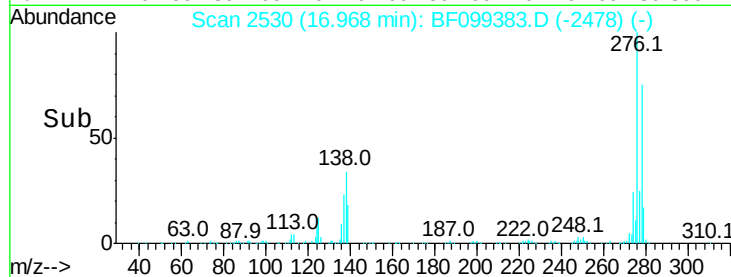
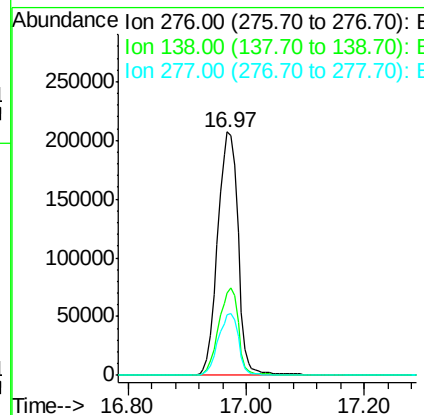
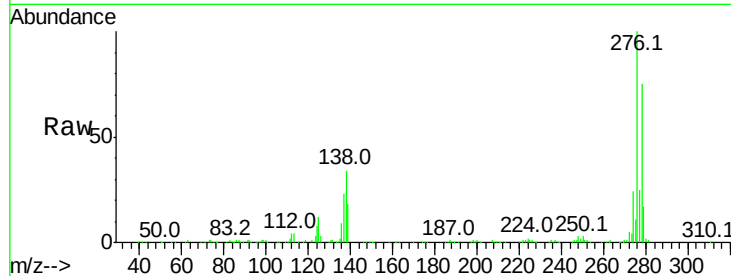




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.425 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

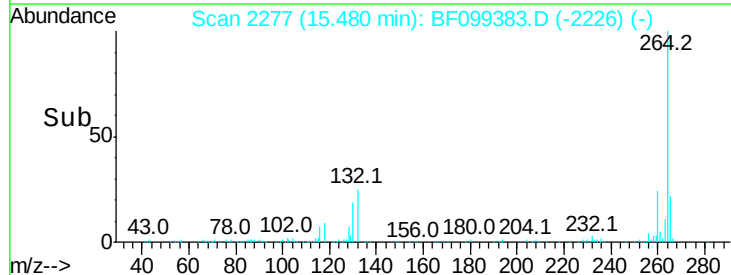
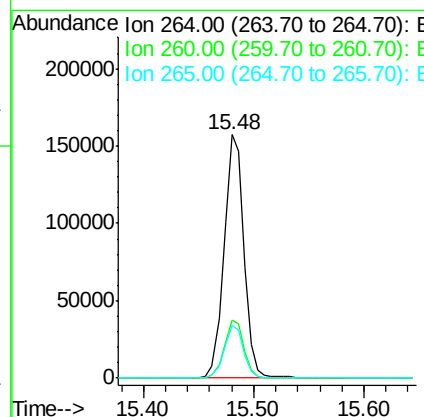
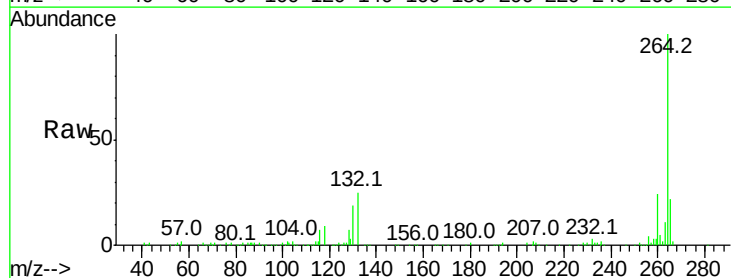
Instrument :
 BNA_F
 ClientSampleId :

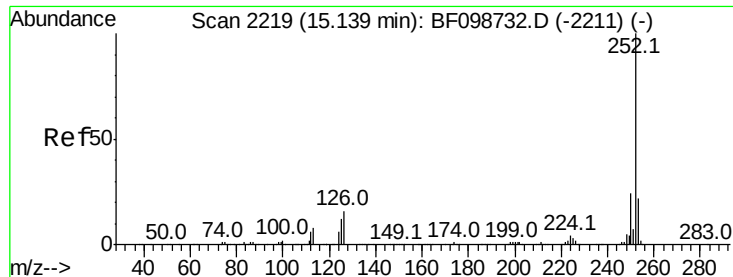
Tot Ion:276 Resp: 499724
 Ion Ratio Lower Upper
 276 100
 138 34.7 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion:264 Resp: 196871
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.5 26.3

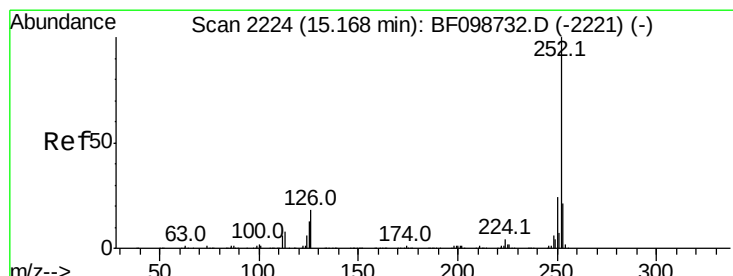
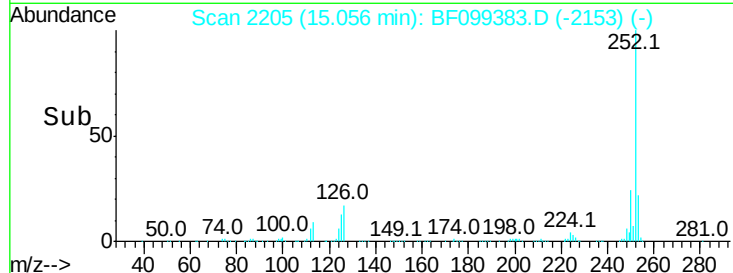
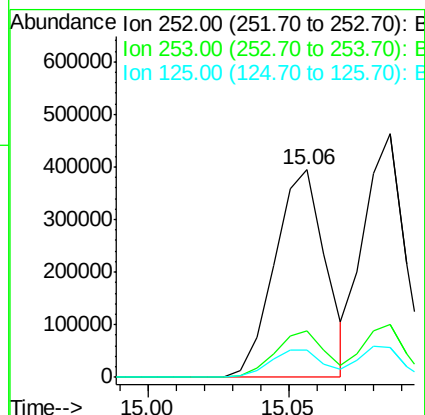
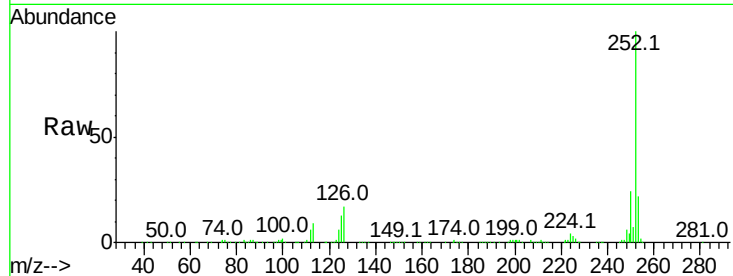




#87
Benzo(b)fluoranthene
Concen: 40.745 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

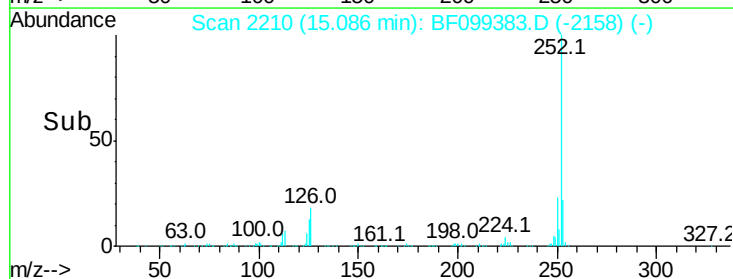
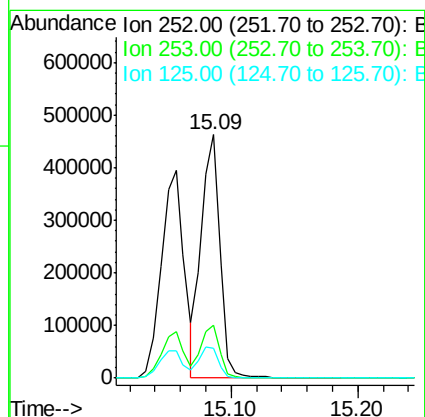
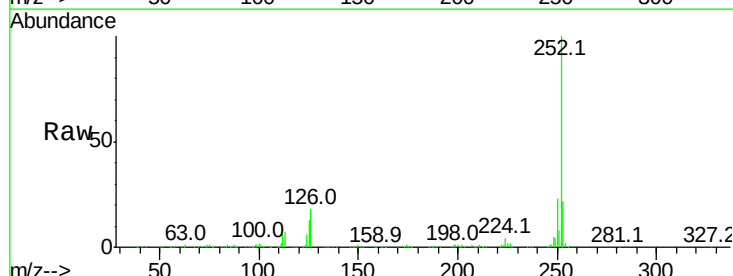
Instrument :
BNA_F
ClientSampleId :

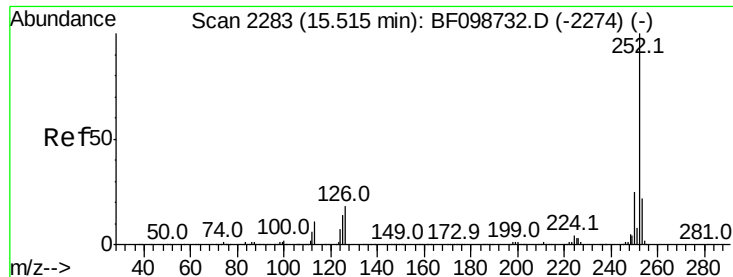
Tot Ion:252 Resp: 493194
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.362 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion:252 Resp: 470590
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.582 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

ClientSampleId :

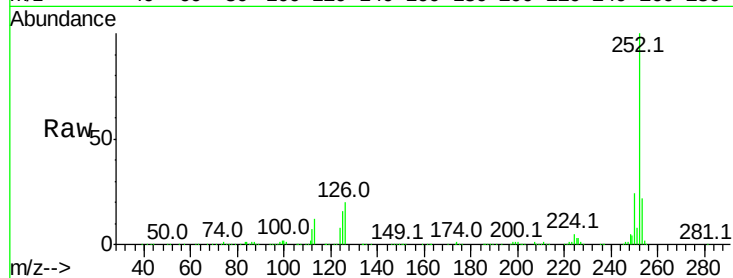
Tot Ion:252 Resp: 484234

Ion Ratio Lower Upper

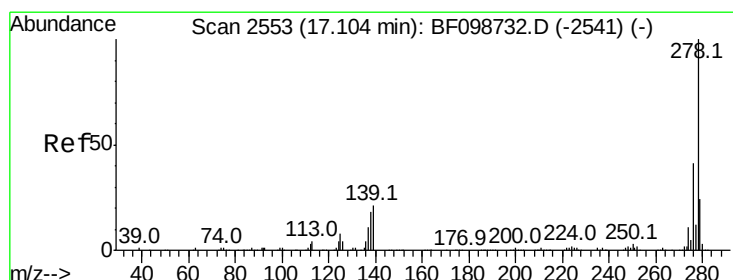
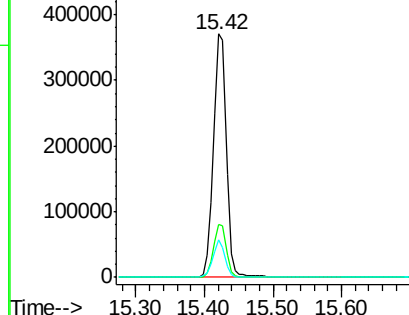
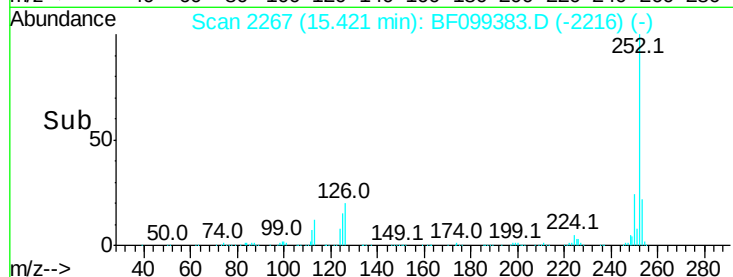
252 100

253 21.8 17.1 25.7

125 15.5 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: 46.656 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

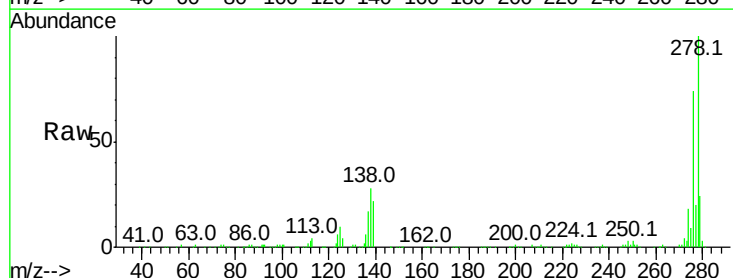
Tgt Ion:278 Resp: 414868

Ion Ratio Lower Upper

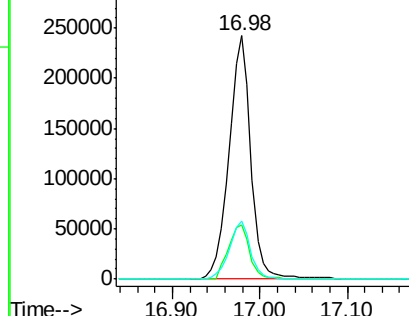
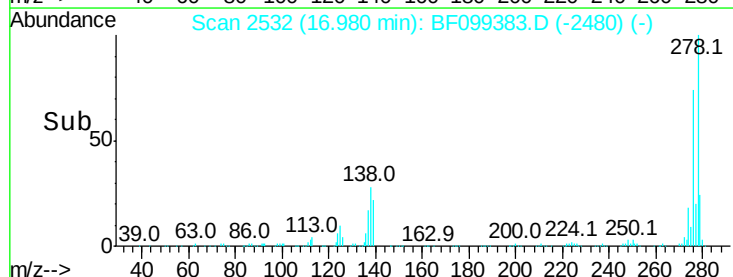
278 100

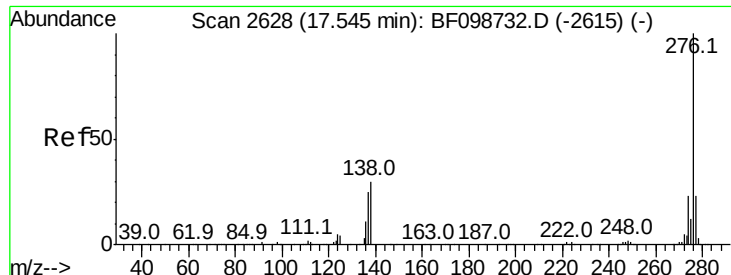
139 22.1 15.9 23.9

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

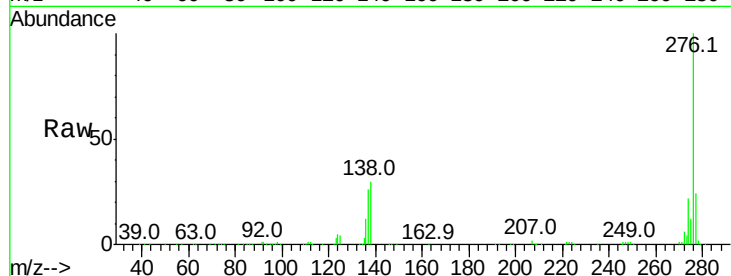




#91
 Benzo(a,h,i)perylene
 Concen: 46.029 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	404575
Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	30.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

