

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099861.D
 Acq On : 26 Oct 2017 15:06
 Operator : SJ/JU
 Sample : I6068-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

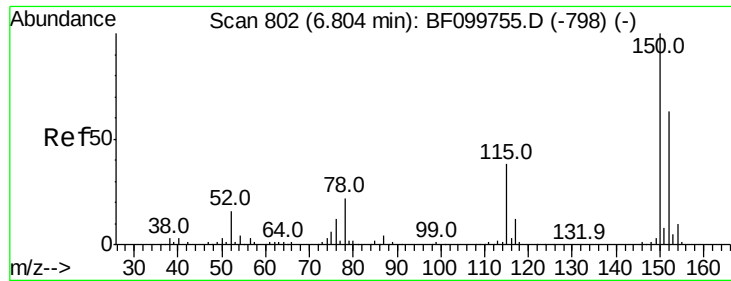
Quant Time: Oct 26 16:34:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61695	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	242243	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	108247	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	187573	20.00	ng	0.01
75) Chrysene-d12	13.99	240	175985	20.00	ng	0.00
86) Perylene-d12	15.47	264	178269	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	451057	114.78	ng	0.00
7) Phenol-d6	6.44	99	531616	114.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	290035	77.08	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	113022	114.57	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	535228	76.29	ng	0.00
78) Terphenyl-d14	12.92	244	512875	63.69	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.39	77	11007	3.953	ng	# 1
10) Phenol	6.45	94	29232	5.714	ng	95
12) 1,3-Dichlorobenzene	6.82	146	9627	2.047	ng	93
13) 1,4-Dichlorobenzene	6.82	146	9627	2.017	ng	# 81
14) 1,2-Dichlorobenzene	6.96	146	10185	2.341	ng	# 71
15) Benzyl Alcohol	6.95	79	7576	2.557	ng	# 47
18) Hexachloroethane	7.28	117	10105	6.346	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	9004	3.297	ng	# 66
22) Acetophenone	7.18	105	75833	13.749	ng	# 56
25) Isophorone	7.60	82	24633	3.608	ng	# 1
26) 2-Nitrophenol	7.69	139	5615	2.586	ng	# 1
35) Caprolactam	8.53	113	5967	5.709	ng	# 1
37) 2-Methylnaphthalene	8.80	142	390845	49.877	ng	98
49) Dimethylphthalate	9.56	163	17800	2.076	ng	# 75
51) Acenaphthene	9.88	154	30376	4.539	ng	# 70
53) 2,4-Dinitrophenol	9.91	184	327	6.188	ng	# 1
54) Dibenzofuran	10.05	168	31280	3.311	ng	# 1
55) 4-Nitrophenol	9.99	139	3658	3.297	ng	# 1
56) 2,4-Dinitrotoluene	10.05	165	12910	5.949	ng	# 63
57) Fluorene	10.40	166	77781	9.944	ng	# 91
61) 4-Nitroaniline	10.29	138	6493	3.205	ng	79
62) Azobenzene	10.56	77	50050	7.132	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	101126	14.605	ng	# 44
70) Phenanthrene	11.37	178	237571	22.443	ng	96
71) Anthracene	11.37	178	235556	21.922	ng	96
74) Fluoranthene	12.56	202	39862	3.624	ng	92
77) Pyrene	12.79	202	58709	4.387	ng	96
79) Butylbenzylphthalate	13.39	149	14750	2.238	ng	93
83) Bis(2-ethylhexyl)phthalate	13.94	149	138557	14.973	ng	98
88) Benzo(k)fluoranthene	15.04	252	22283	2.099	ng	# 30

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

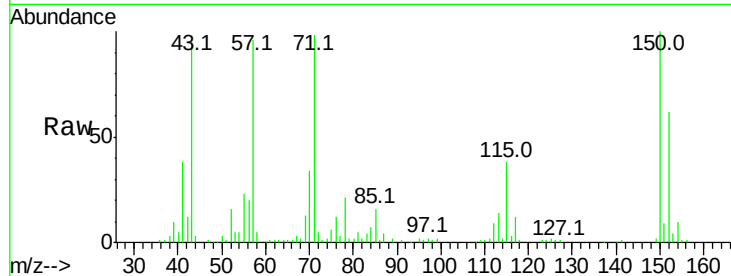


#1

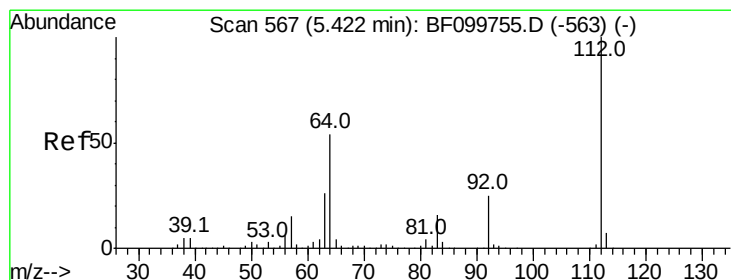
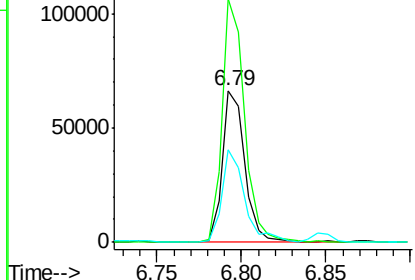
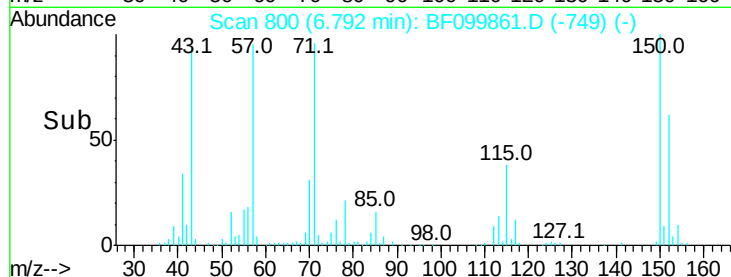
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61695
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.6 50.1 75.1



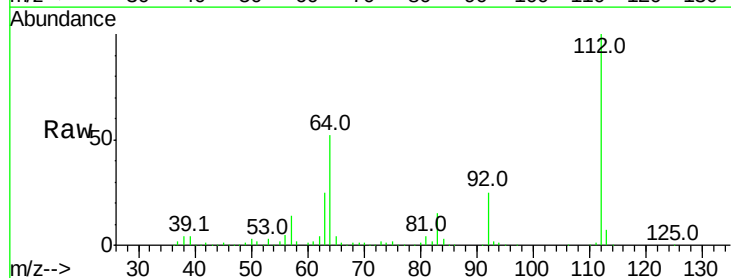
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



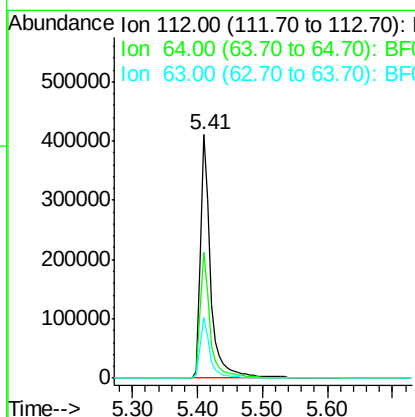
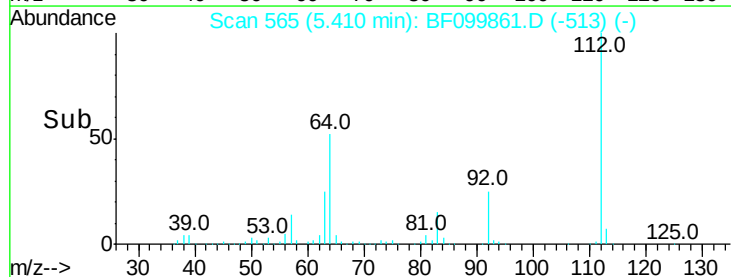
#5

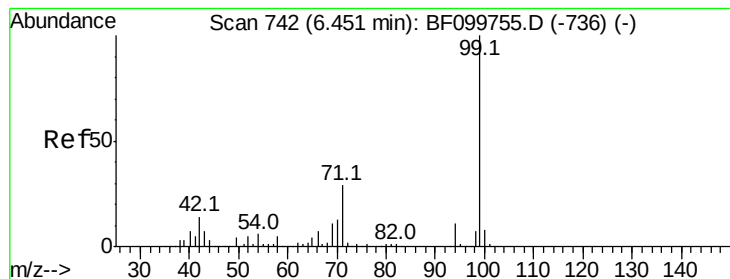
2-Fluorophenol
Concen: 114.781 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion:112 Resp: 451057
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.8 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





#7

Phenol-d6

Concen: 114.092 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

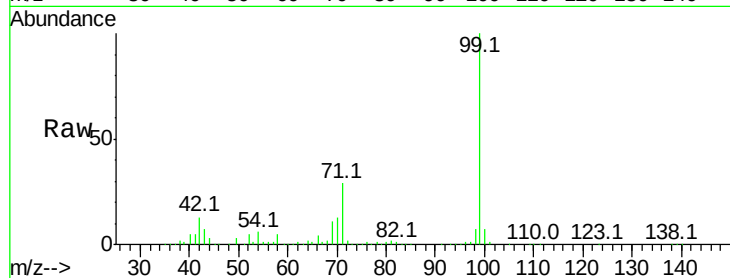
Tot Ion: 99 Resp: 531616

Ion Ratio Lower Upper

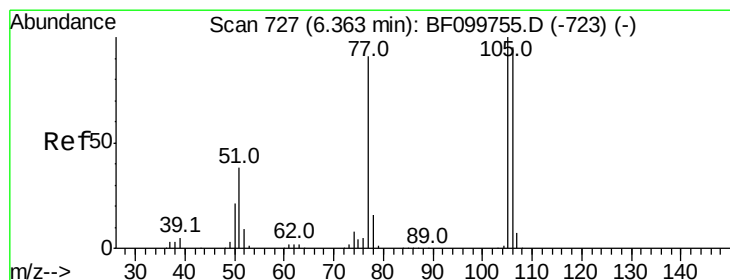
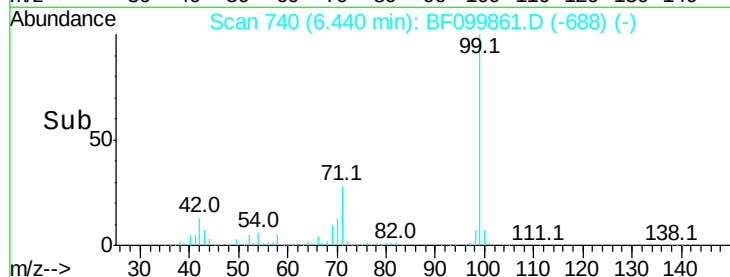
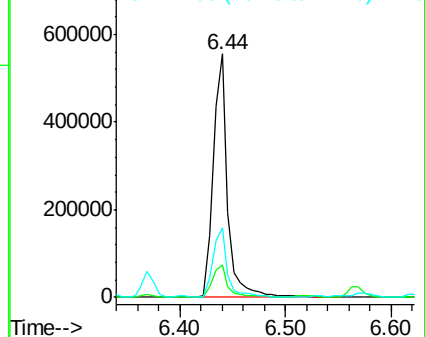
99 100

42 13.4 14.5 21.7#

71 28.6 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



#9

Benzaldehyde

Concen: 3.953 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.04 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

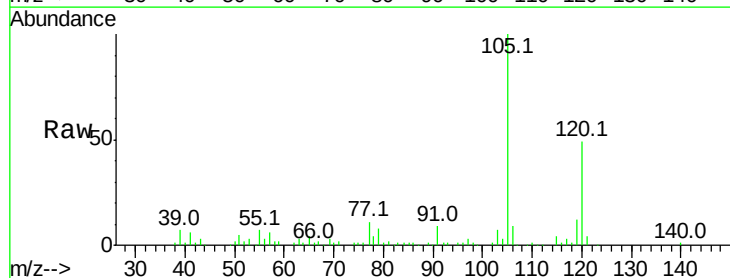
Tgt Ion: 77 Resp: 11007

Ion Ratio Lower Upper

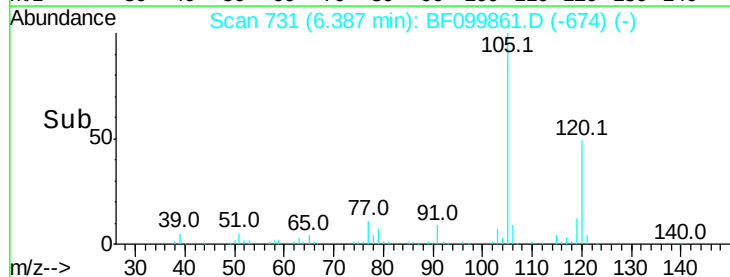
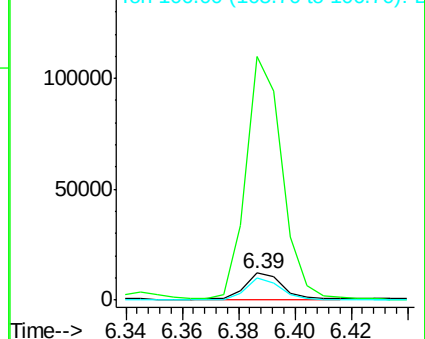
77 100

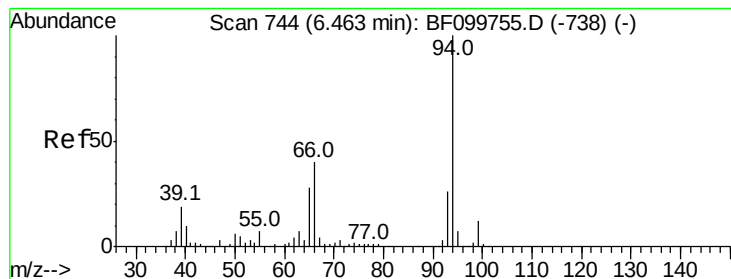
105 899.3 81.1 121.1#

106 80.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.714 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampled :

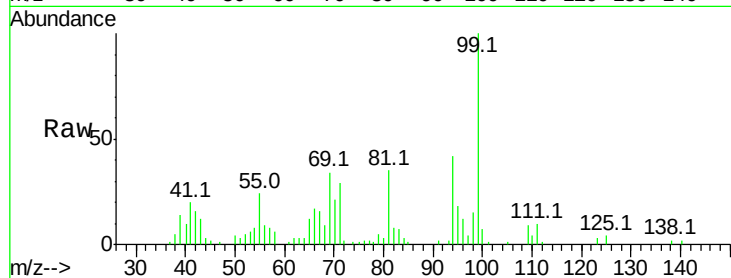
Tot Ion: 94 Resp: 29232

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

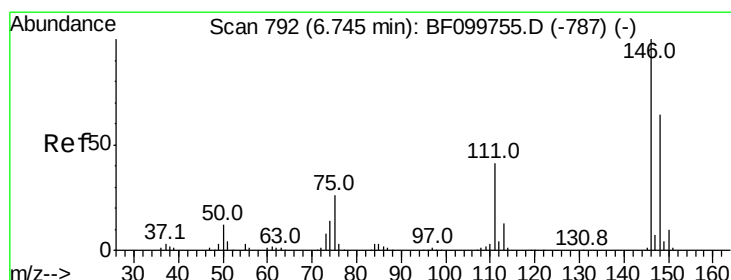
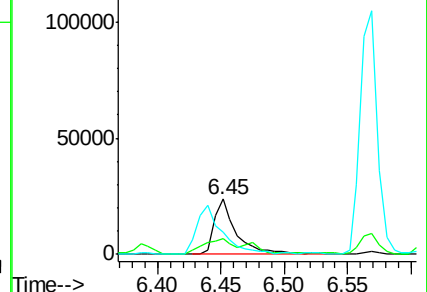
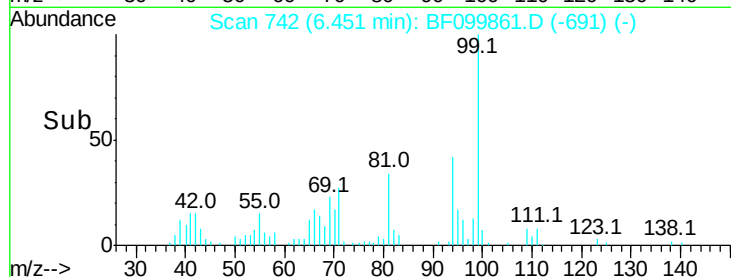
66 41.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#12

1,3-Dichlorobenzene

Concen: 2.047 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.08 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

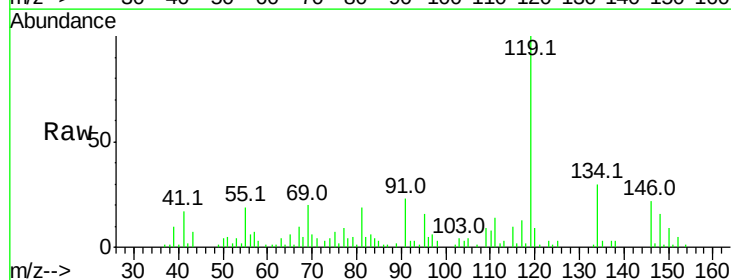
Tgt Ion: 146 Resp: 9627

Ion Ratio Lower Upper

146 100

148 71.3 51.8 77.8

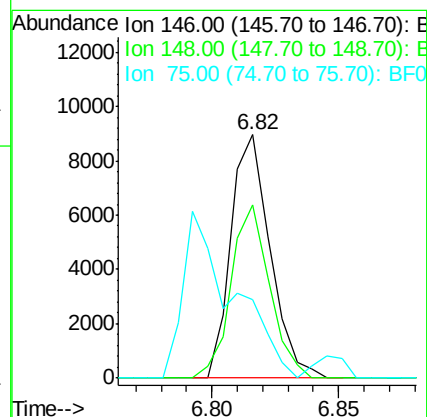
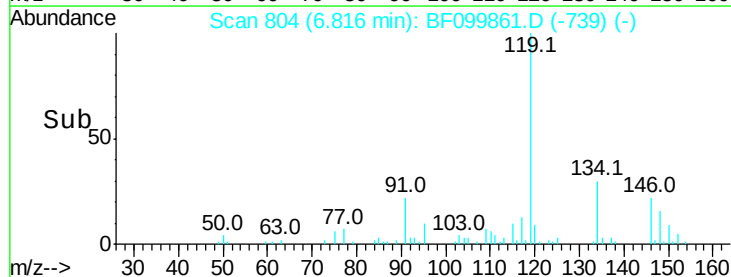
75 32.2 24.2 36.4

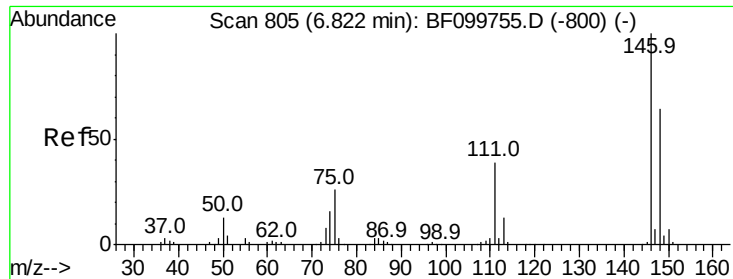


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

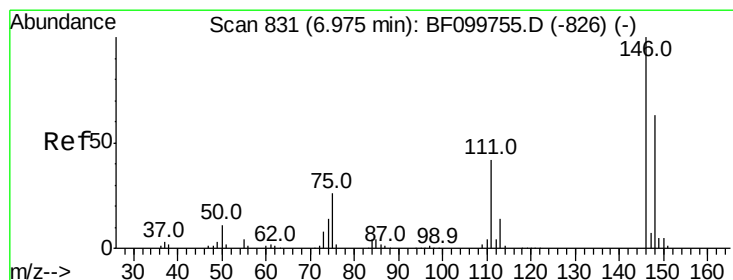
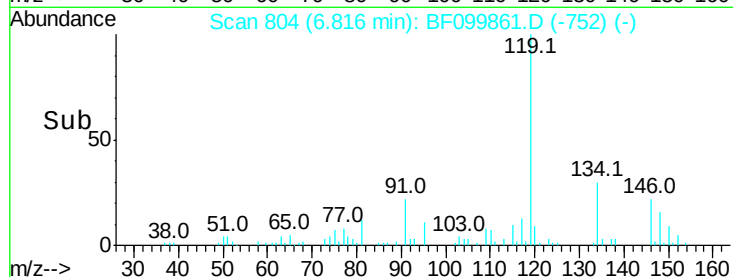
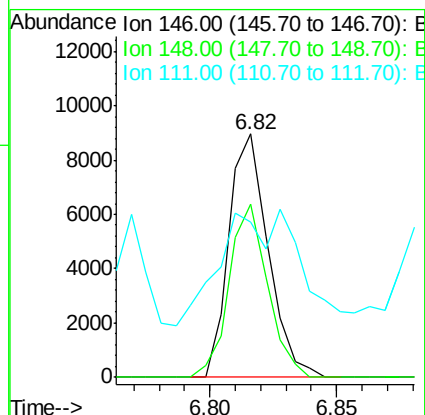
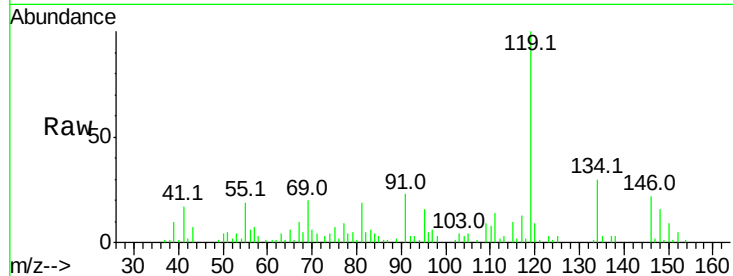




#13
 1,4-Dichlorobenzene
 Concen: 2.017 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

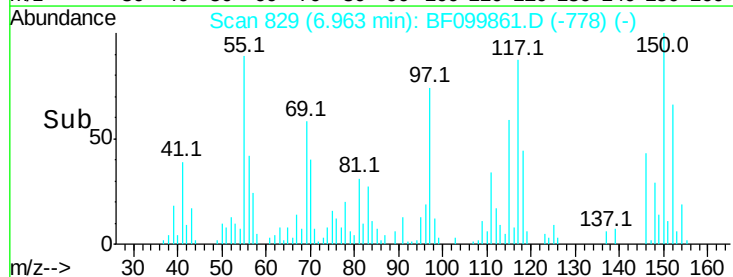
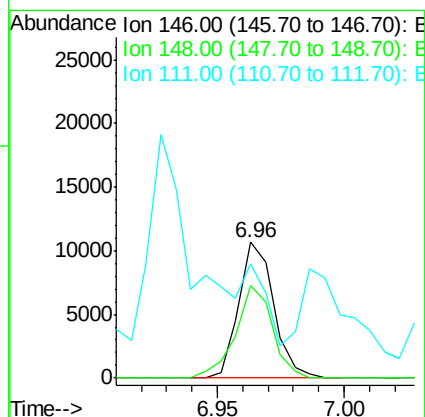
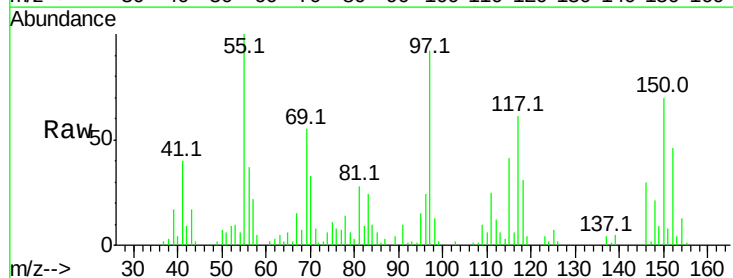
Instrument :
 BNA_F
 ClientSampleId :

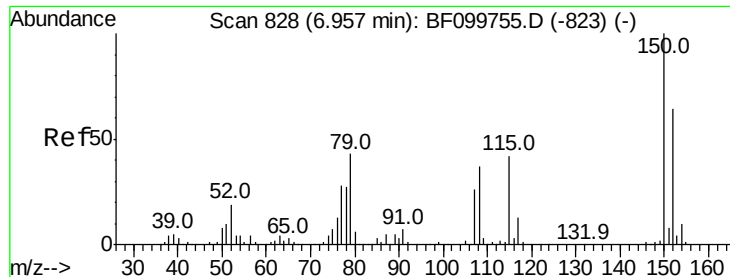
Tot Ion:146 Resp: 9627
 Ion Ratio Lower Upper
 146 100
 148 71.3 50.8 76.2
 111 64.0 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 2.341 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion:146 Resp: 10185
 Ion Ratio Lower Upper
 146 100
 148 68.1 50.6 75.8
 111 84.2 36.0 54.0#

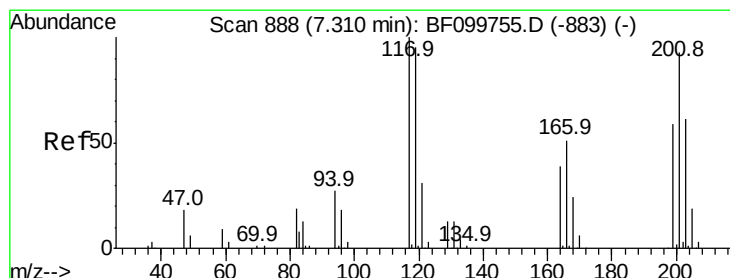
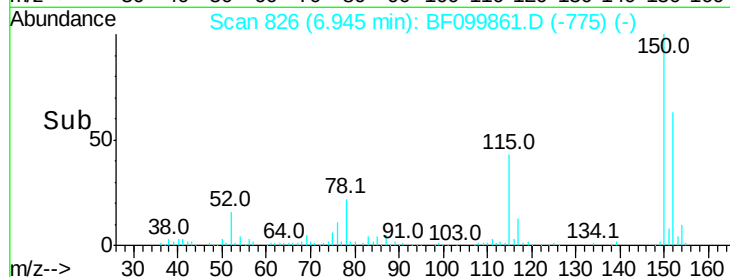
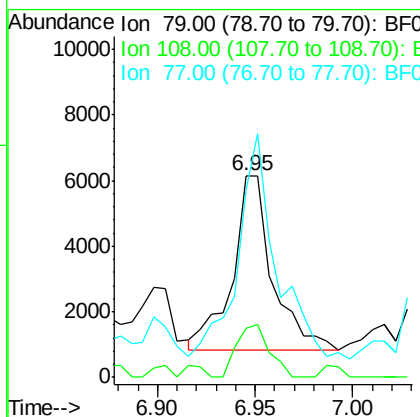
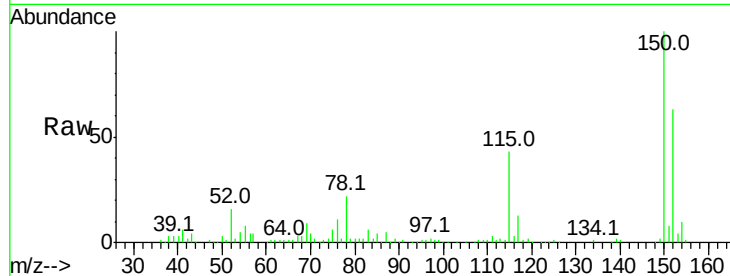




#15
Benzyl Alcohol
Concen: 2.557 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

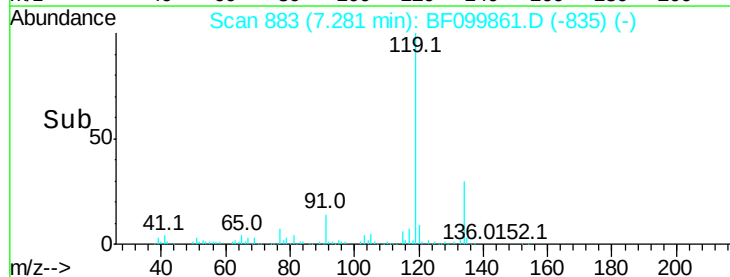
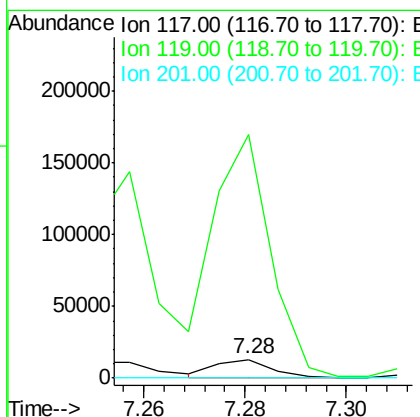
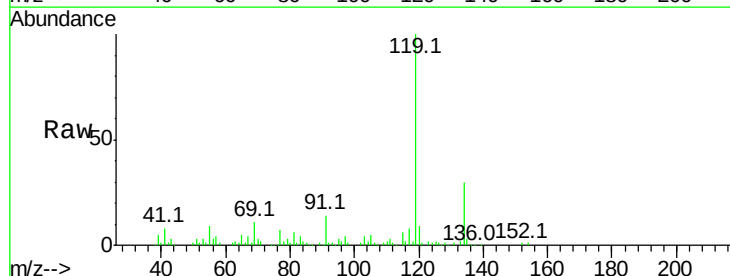
Instrument :
BNA_F
ClientSampled :

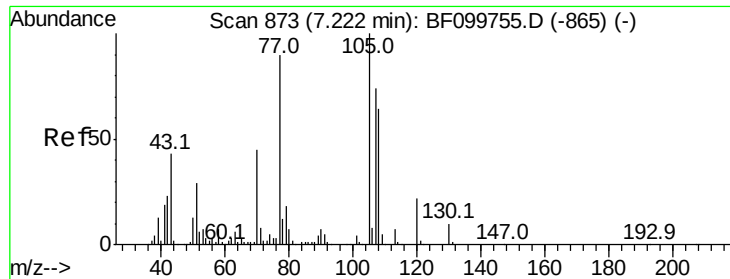
Tot Ion: 79 Resp: 7576
Ion Ratio Lower Upper
79 100
108 24.0 65.1 97.7#
77 92.6 50.6 75.8#



#18
Hexachloroethane
Concen: 6.346 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion: 117 Resp: 10105
Ion Ratio Lower Upper
117 100
119 1292.3 75.8 113.8#
201 0.0 75.7 113.5#

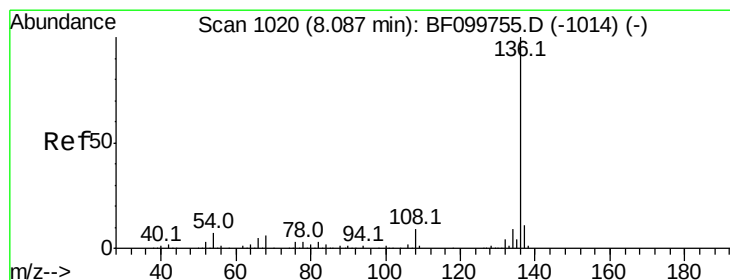
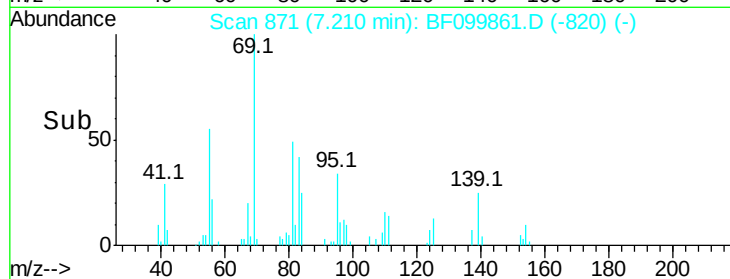
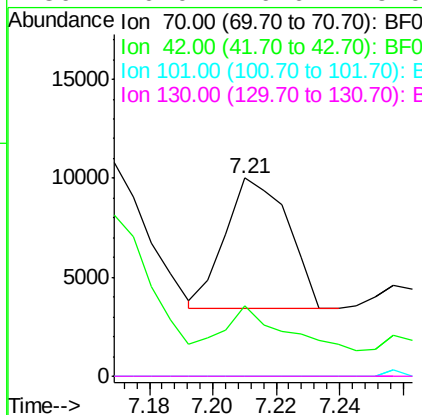
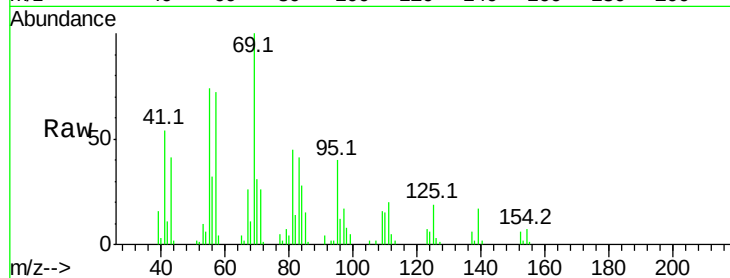




#19
n-Nitroso-di-n-propylamine
Concen: 3.297 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

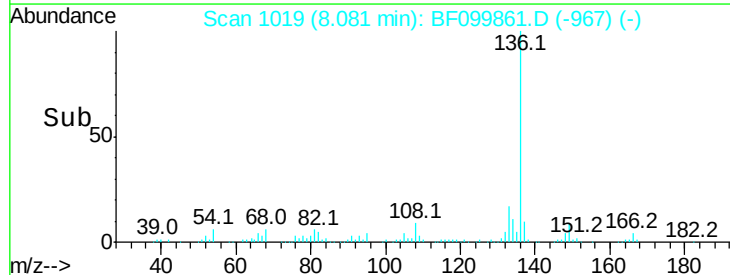
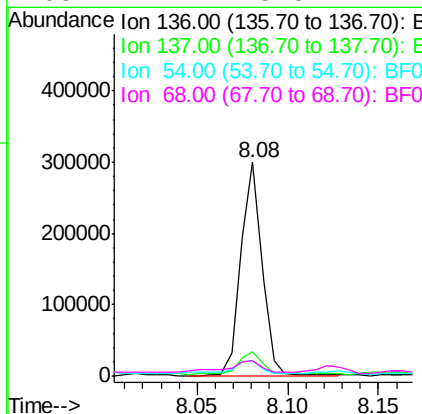
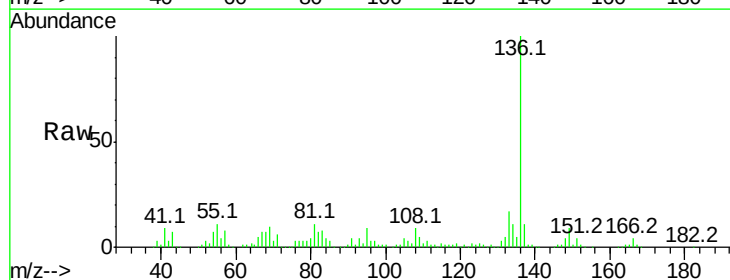
Instrument :
BNA_F
ClientSampleId :

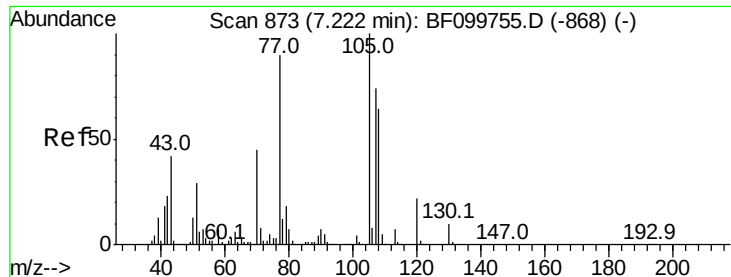
Tot Ion: 70 Resp: 9004
Ion Ratio Lower Upper
70 100
42 35.6 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion: 136 Resp: 242243
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.2 6.6 9.8
68 7.2 5.0 7.4





#22

Acetophenone

Concen: 13.749 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 75833

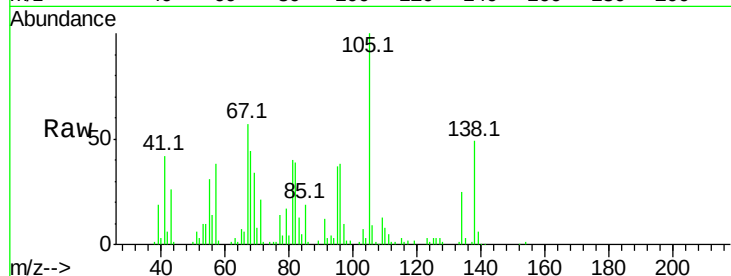
Ion Ratio Lower Upper

105 100

71 20.8 4.4 6.6#

51 5.5 22.3 33.5#

120 0.0 16.9 25.3#

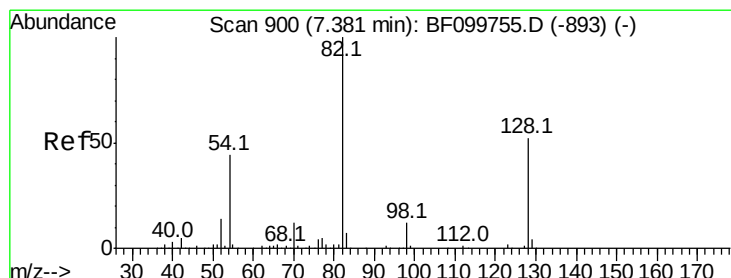
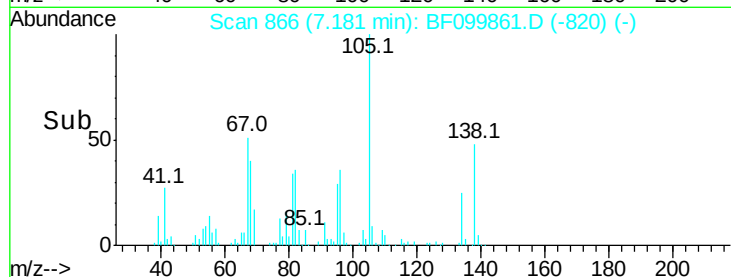
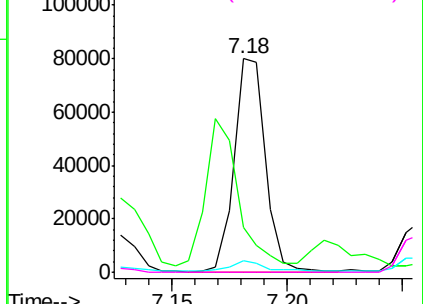


Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.082 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

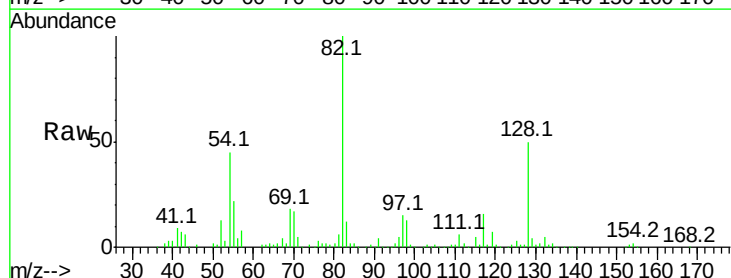
Tgt Ion: 82 Resp: 290035

Ion Ratio Lower Upper

82 100

128 49.8 36.1 54.1

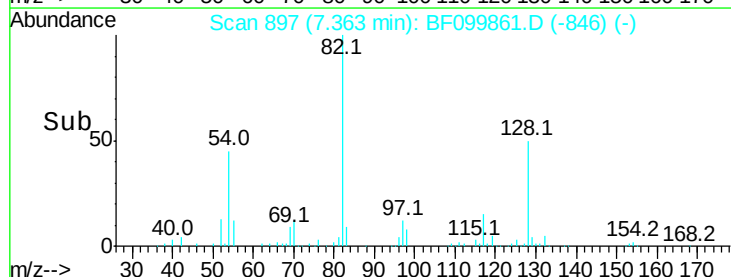
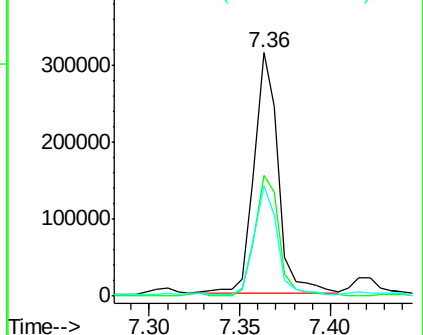
54 45.4 41.4 62.2

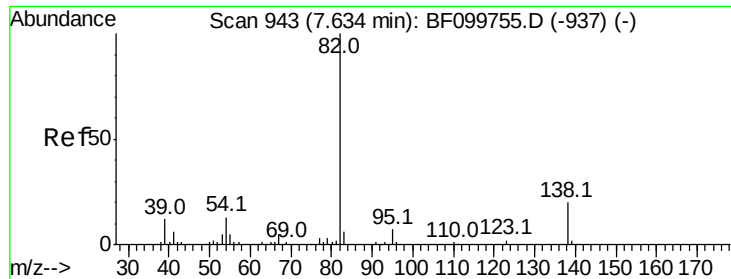


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

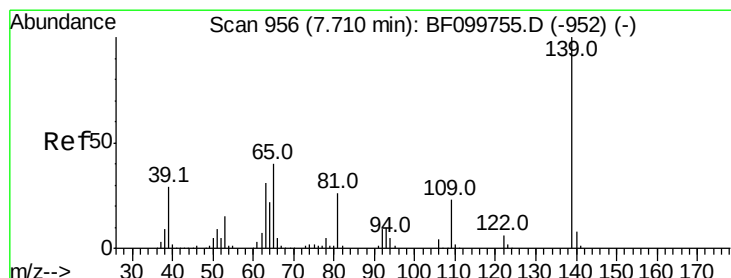
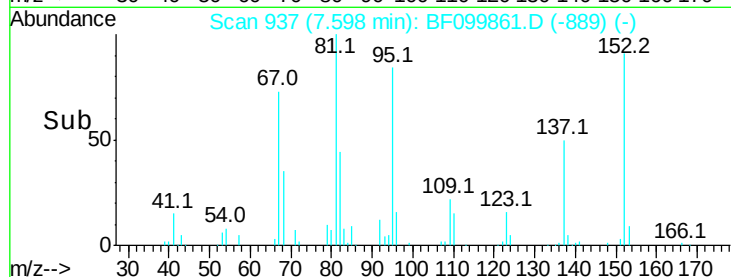
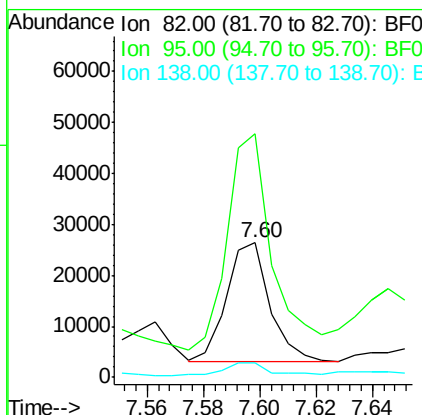
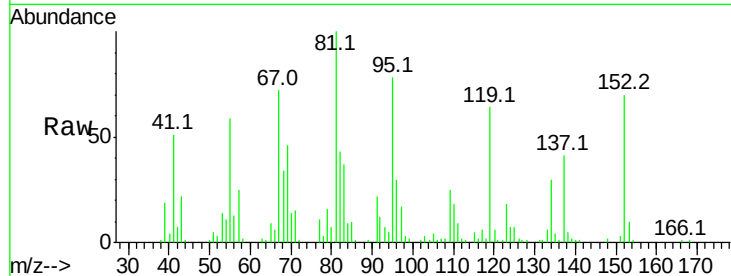




#25
Isophorone
Concen: 3.608 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

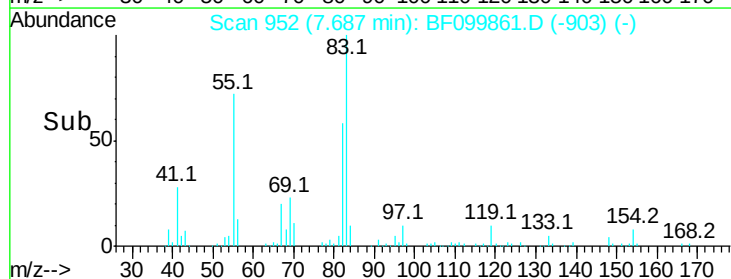
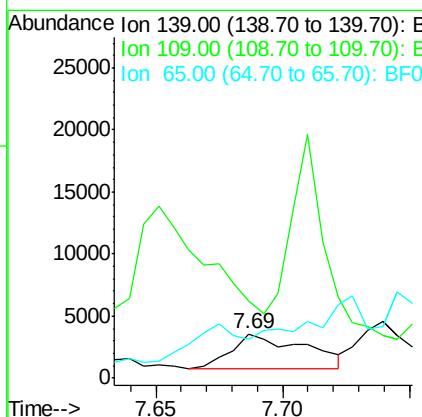
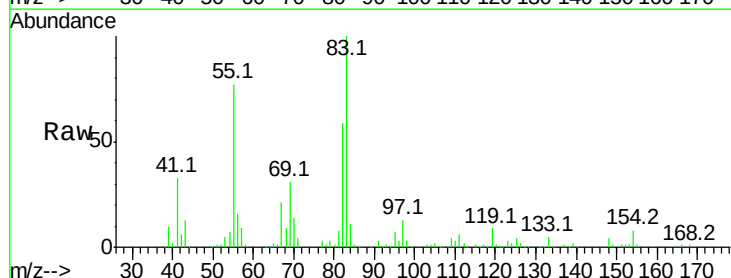
Instrument :
BNA_F
ClientSampled :

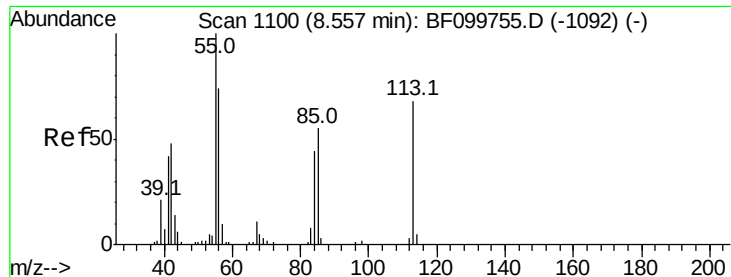
Tot Ion: 82 Resp: 24633
Ion Ratio Lower Upper
82 100
95 181.2 5.2 7.8#
138 10.6 14.9 22.3#



#26
2-Nitrophenol
Concen: 2.586 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion: 139 Resp: 5615
Ion Ratio Lower Upper
139 100
109 173.7 22.7 34.1#
65 88.5 40.5 60.7#





#35

Caprolactam

Concen: 5.709 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

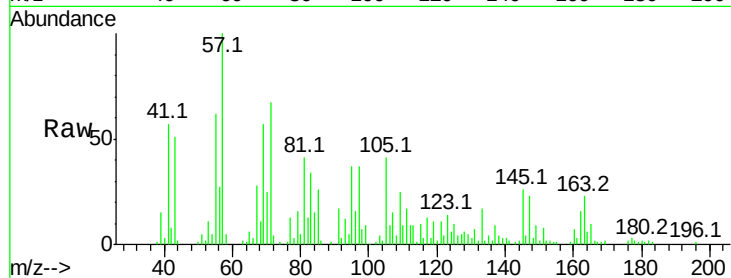
Tot Ion:113 Resp: 5967

Ion Ratio Lower Upper

113 100

55 704.2 163.3 203.3#

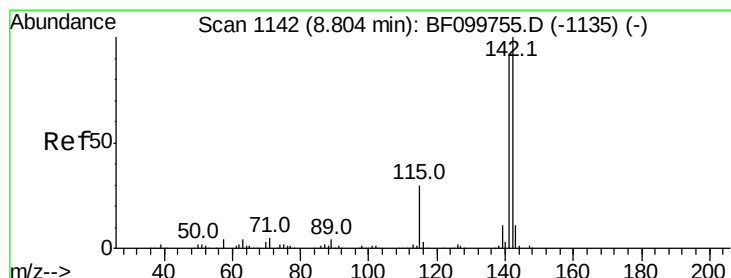
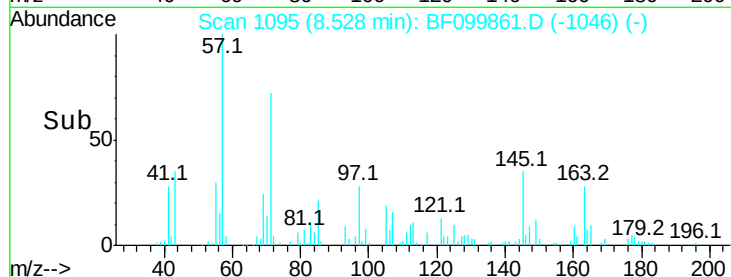
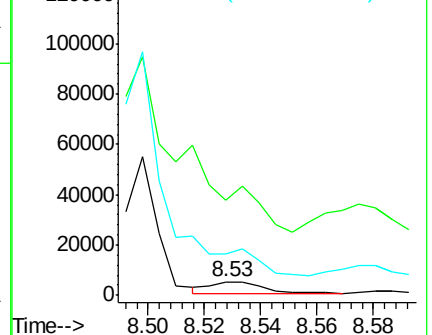
56 301.5 115.7 155.7#



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



#37

2-Methylnaphthalene

Concen: 49.877 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

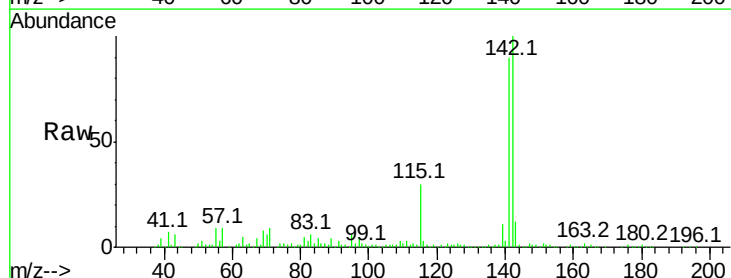
Tgt Ion:142 Resp: 390845

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

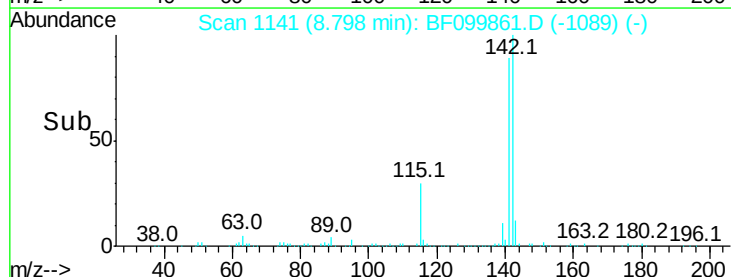
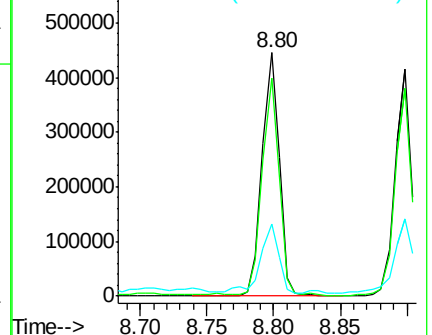
115 29.8 26.1 39.1

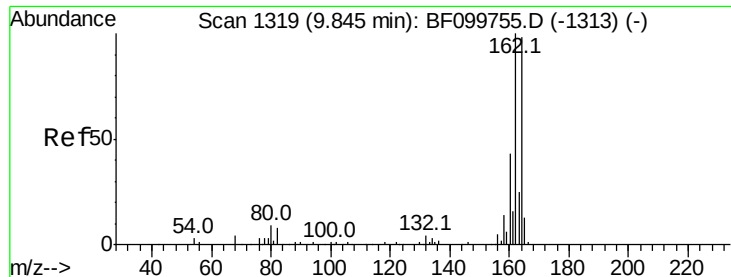


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

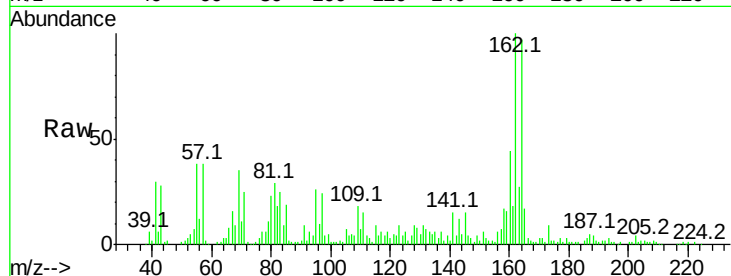




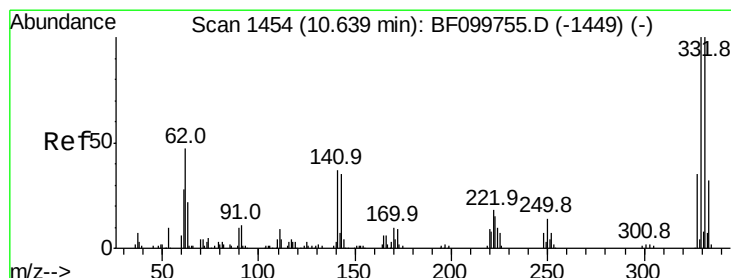
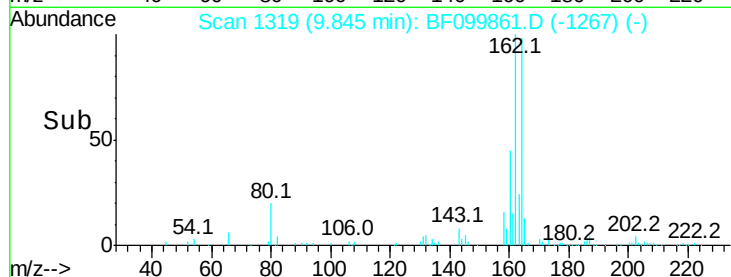
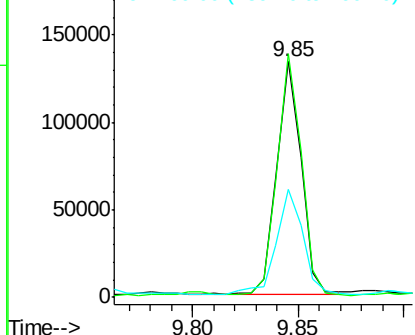
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.9	38.3	57.5

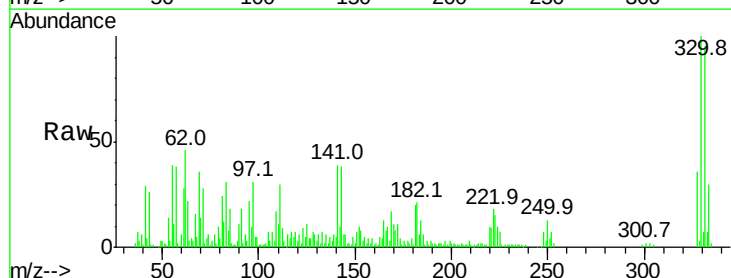


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

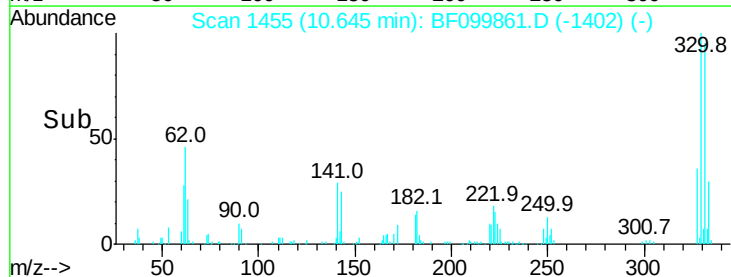
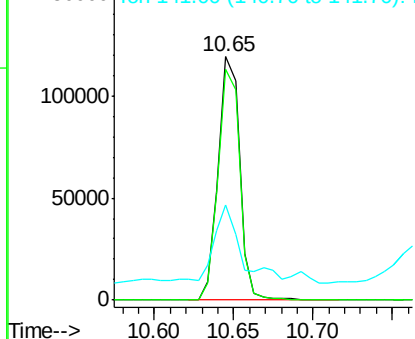


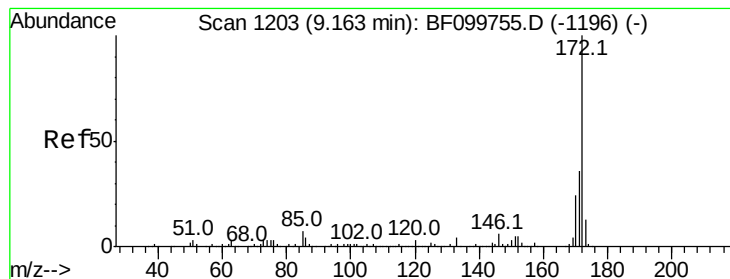
#41
 2,4,6-Tribromophenol
 Concen: 114.572 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.4	29.9	44.9



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

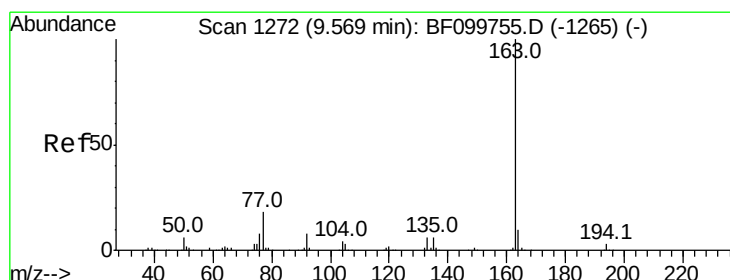
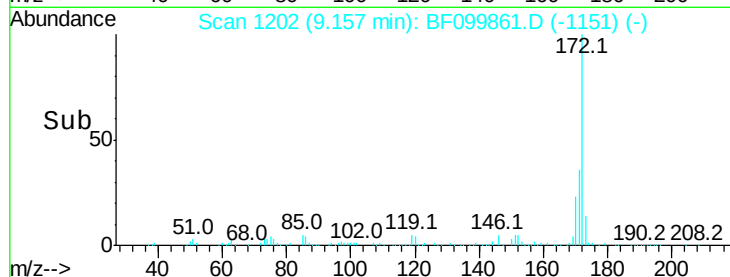
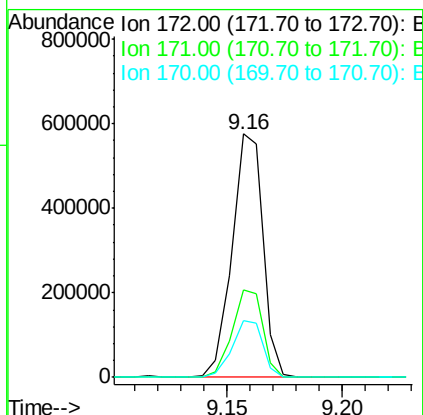
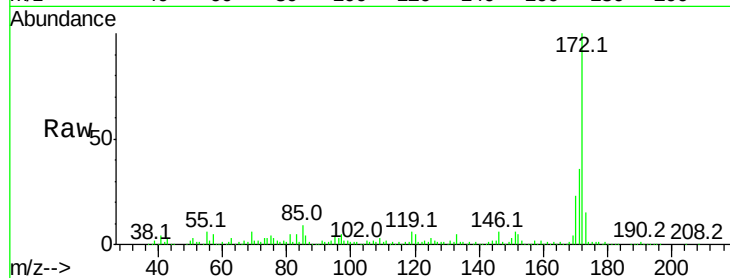




#44
 2-Fluorobiphenyl
 Concen: 76.286 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

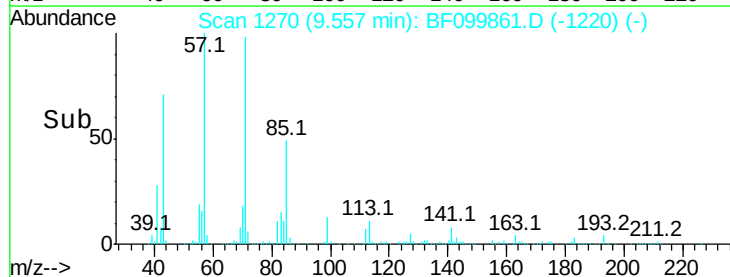
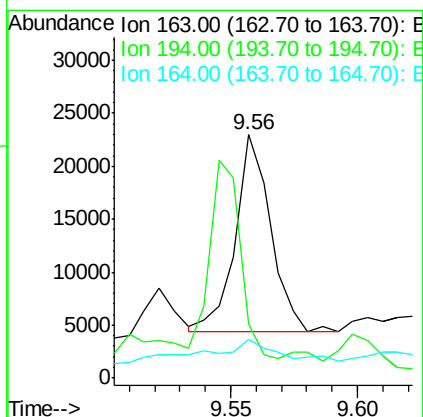
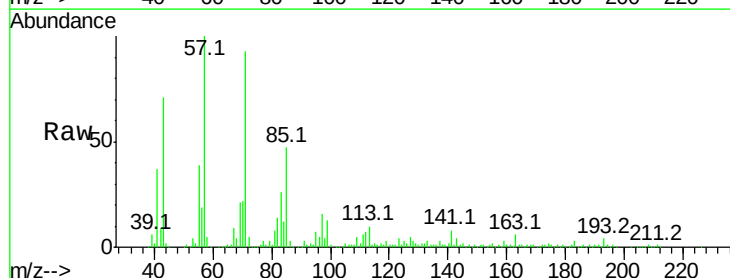
Instrument :
 BNA_F
 ClientSampleId :

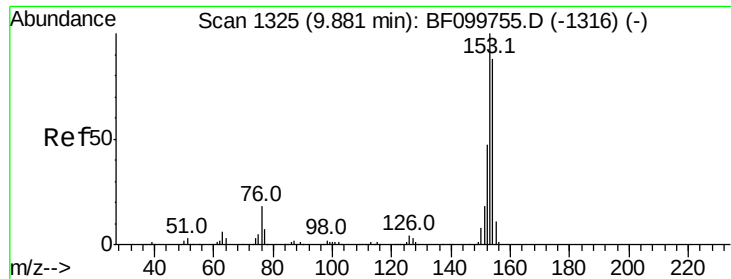
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4



#49
 Dimethylphthalate
 Concen: 2.076 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	22.0	2.7	4.1#
164	15.7	8.2	12.2#





#51

Acenaphthene

Concen: 4.539 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

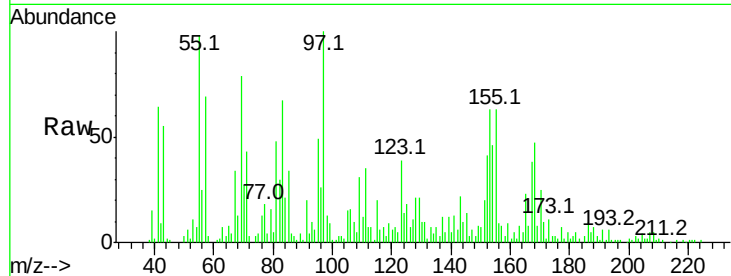
Tot Ion:154 Resp: 30376

Ion Ratio Lower Upper

154 100

153 136.6 91.2 136.8

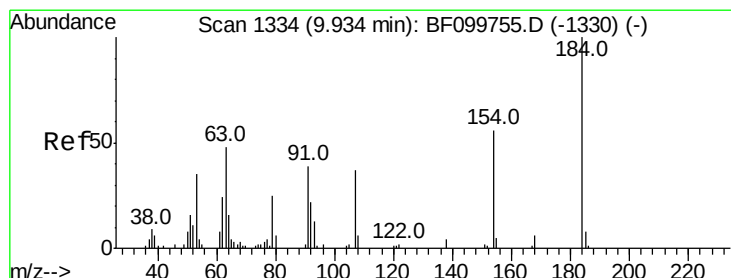
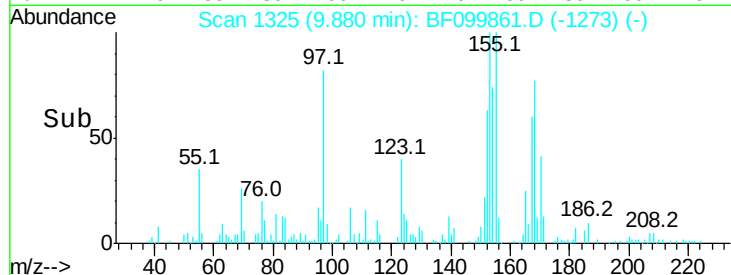
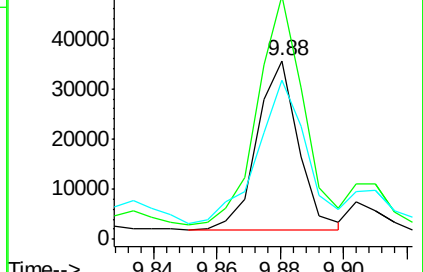
152 89.3 43.8 65.8#



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



#53

2,4-Dinitrophenol

Concen: 6.188 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

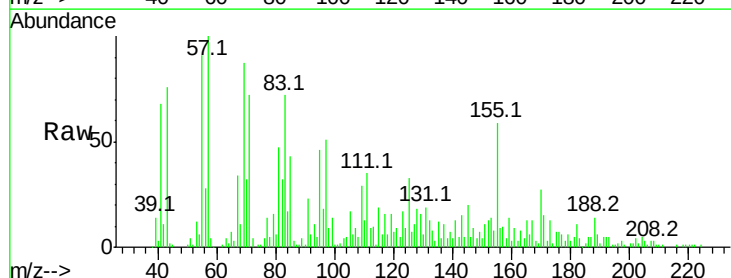
Tgt Ion:184 Resp: 327

Ion Ratio Lower Upper

184 100

63 918.4 54.2 81.2#

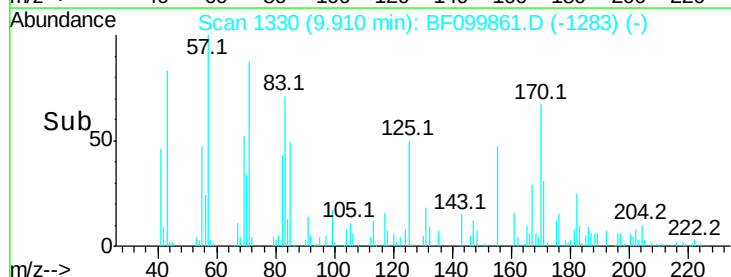
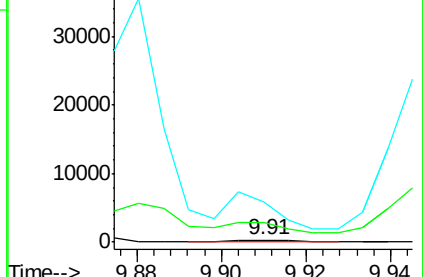
154 1840.8 53.5 80.3#

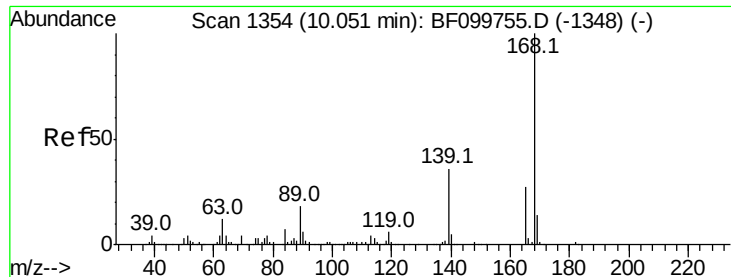


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.311 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

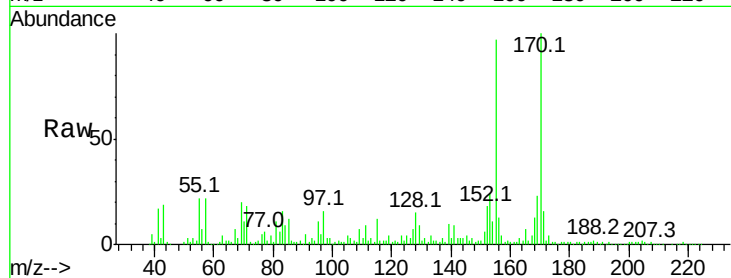
Tot Ion:168 Resp: 31280

Ion Ratio Lower Upper

168 100

139 76.3 30.1 45.1#

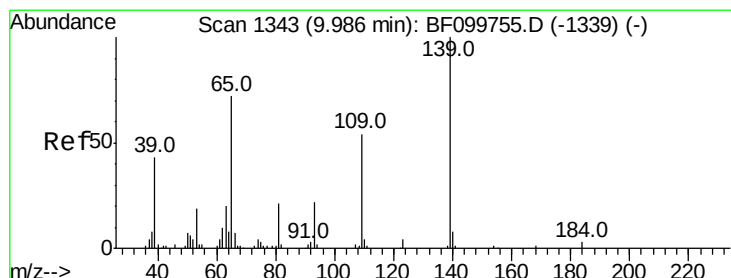
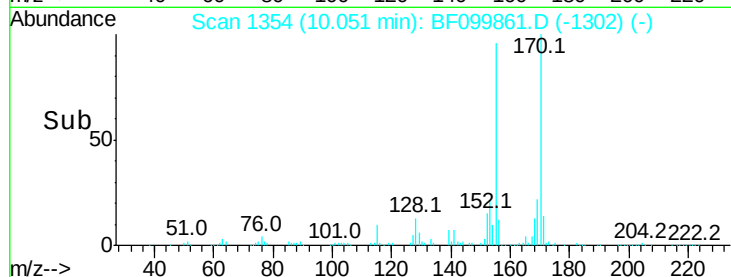
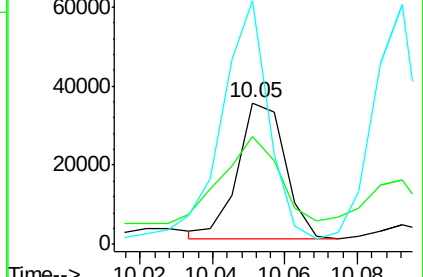
169 172.4 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 3.297 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

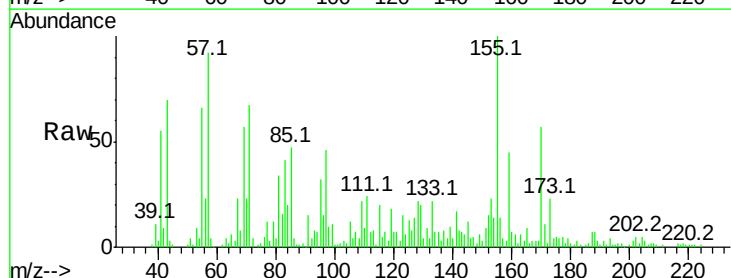
Tgt Ion:139 Resp: 3658

Ion Ratio Lower Upper

139 100

109 220.2 48.4 88.4#

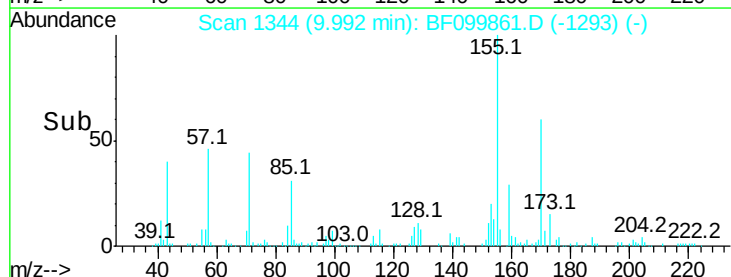
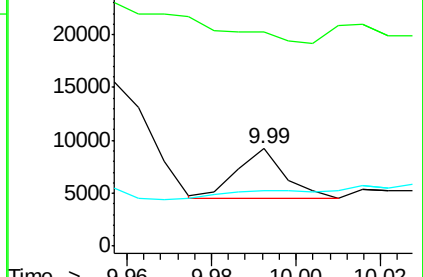
65 56.5 72.6 112.6#

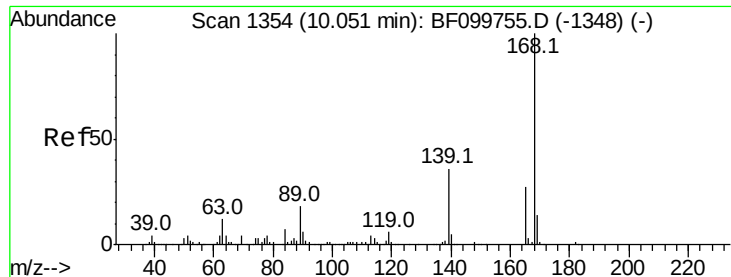


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

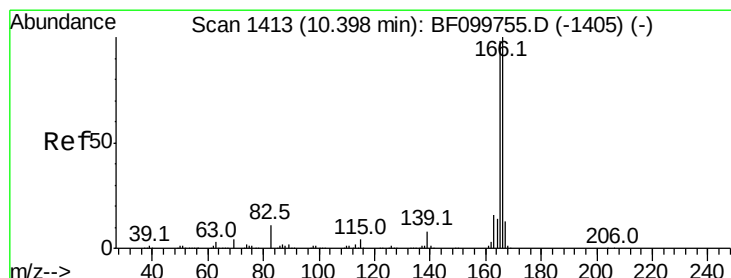
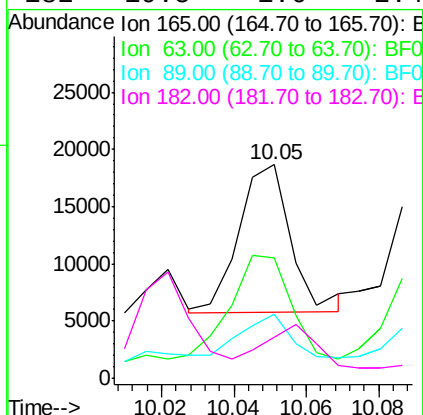
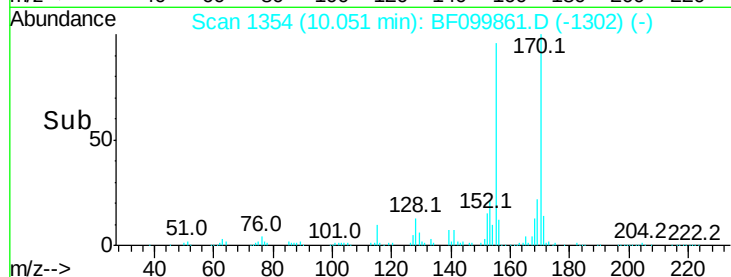
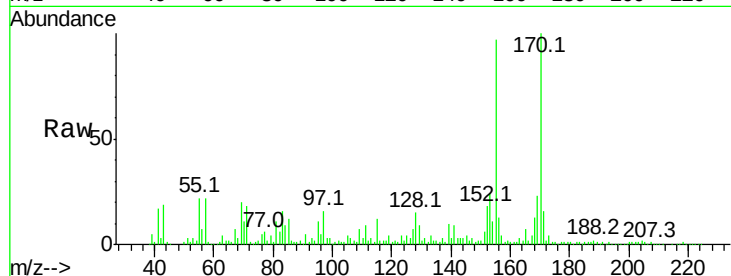




#56
 2,4-Dinitrotoluene
 Concen: 5.949 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

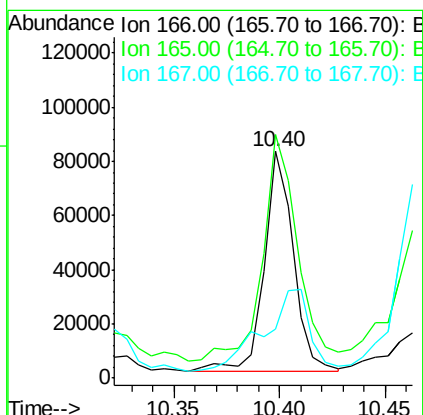
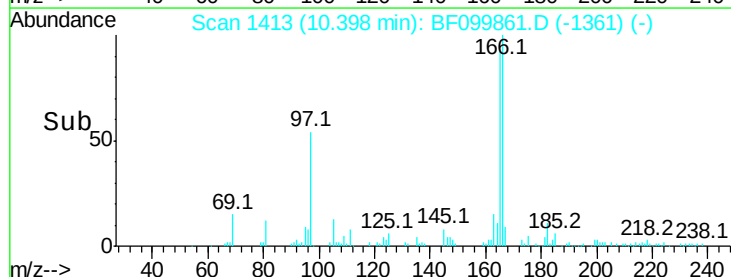
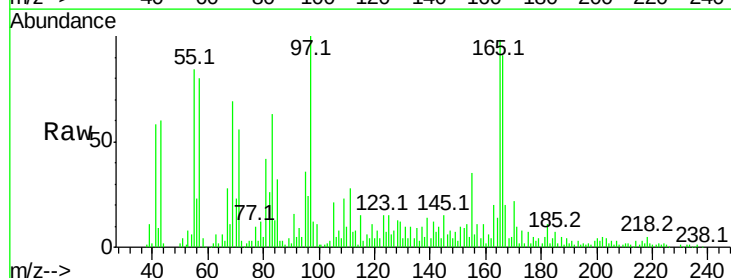
Instrument :
 BNA_F
 ClientSampleId :

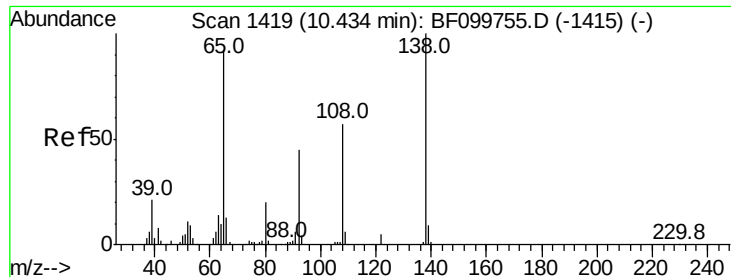
Tot Ion:165 Resp: 12910
 Ion Ratio Lower Upper
 165 100
 63 56.2 36.4 54.6#
 89 30.2 57.8 86.6#
 182 19.5 1.6 2.4#



#57
 Fluorene
 Concen: 9.944 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion:166 Resp: 77781
 Ion Ratio Lower Upper
 166 100
 165 107.5 79.8 119.8
 167 21.7 10.6 16.0#





#61

4-Nitroaniline

Concen: 3.205 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.14 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampled :

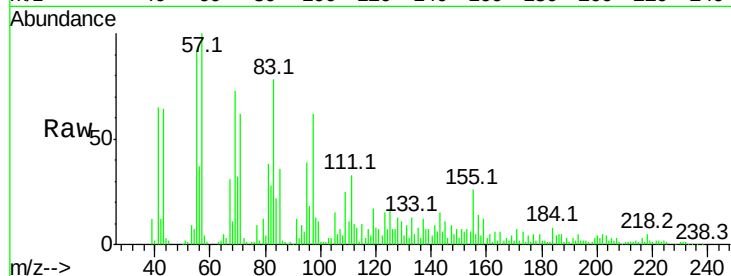
Tot Ion:138 Resp: 6493

Ion Ratio Lower Upper

138 100

92 35.0 30.2 70.2

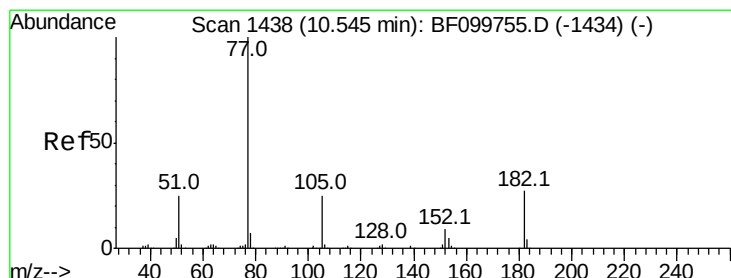
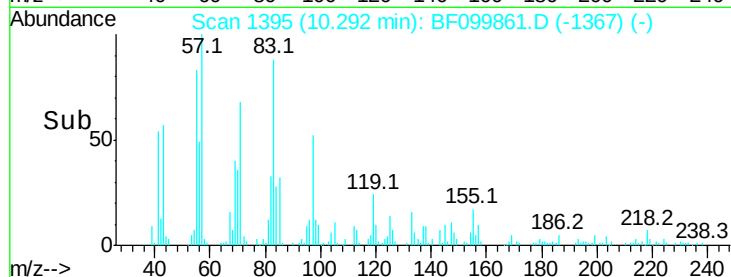
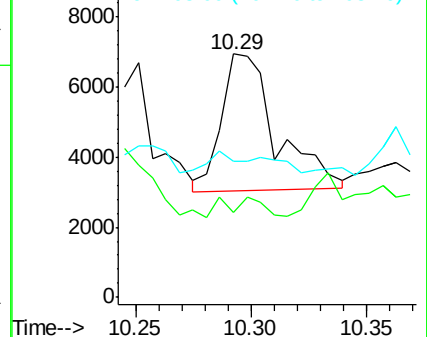
108 55.7 52.5 92.5



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: 7.132 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.02 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Tgt Ion: 77 Resp: 50050

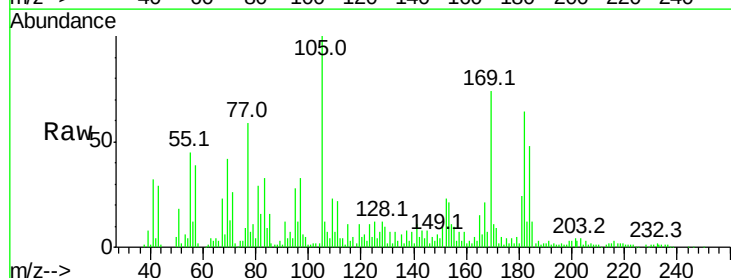
Ion Ratio Lower Upper

77 100

182 108.6 1.7 41.7#

105 169.0 3.0 43.0#

51 30.5 9.9 49.9

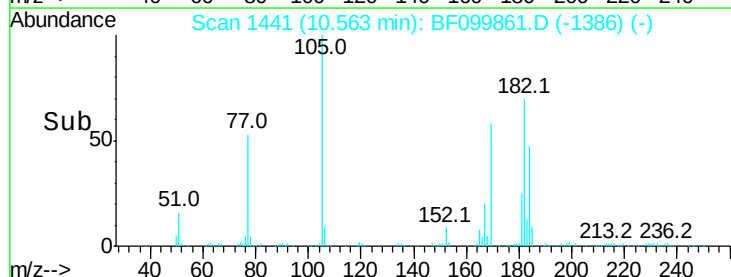
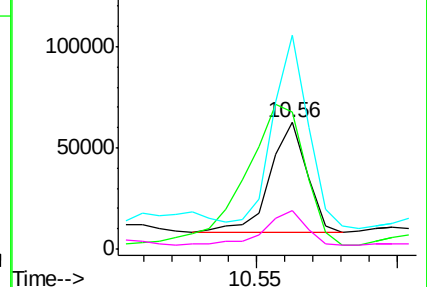


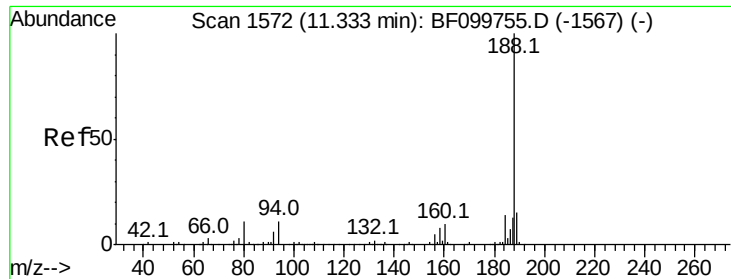
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

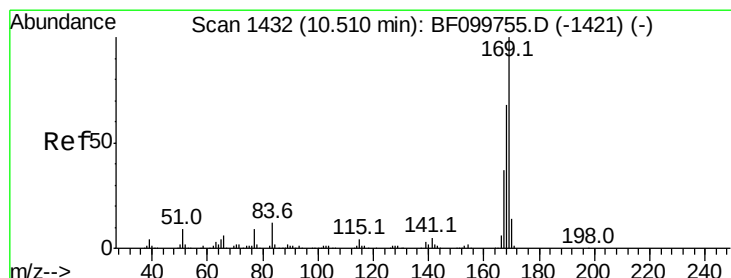
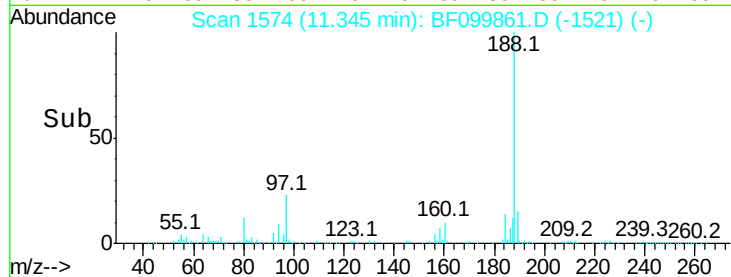
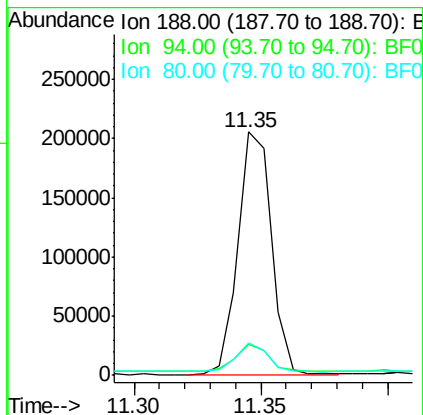
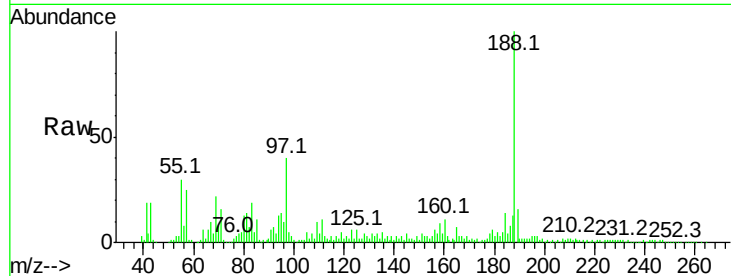




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

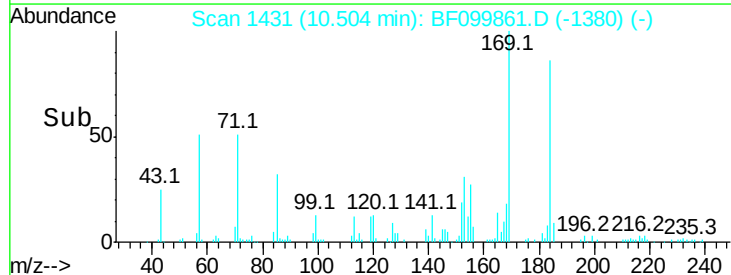
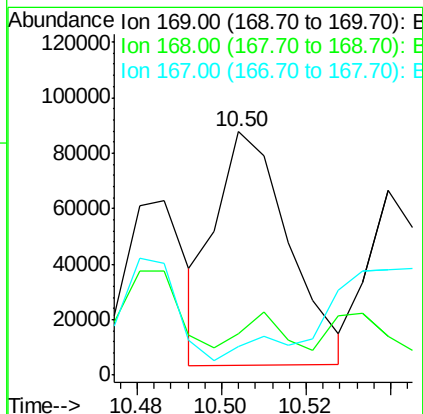
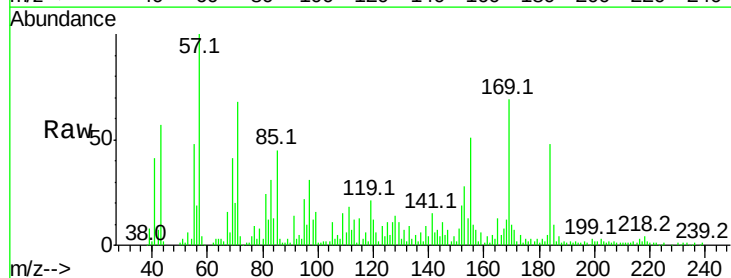
Instrument :
BNA_F
ClientSampled :

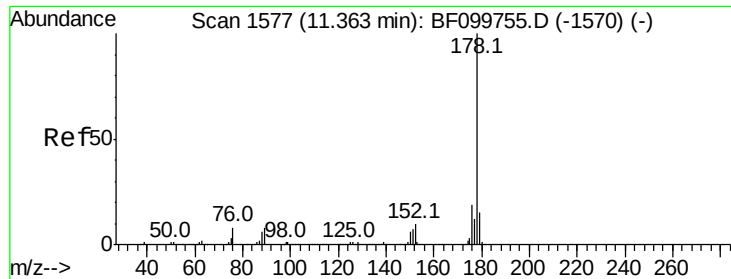
Tot Ion:188 Resp: 187573
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.4 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 14.605 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion:169 Resp: 101126
Ion Ratio Lower Upper
169 100
168 17.0 54.4 81.6#
167 11.6 29.8 44.6#





#70

Phenanthrene

Concen: 22.443 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.02 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

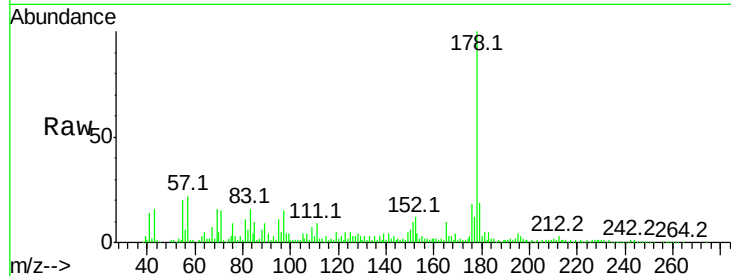
Tot Ion:178 Resp: 237571

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

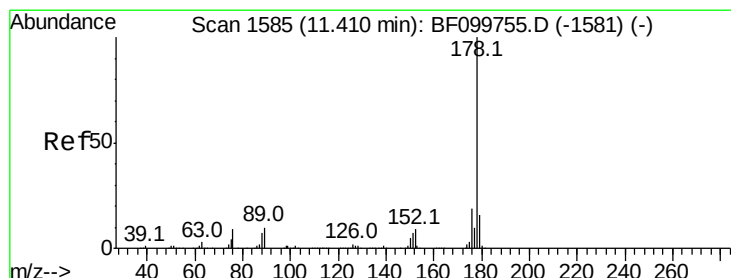
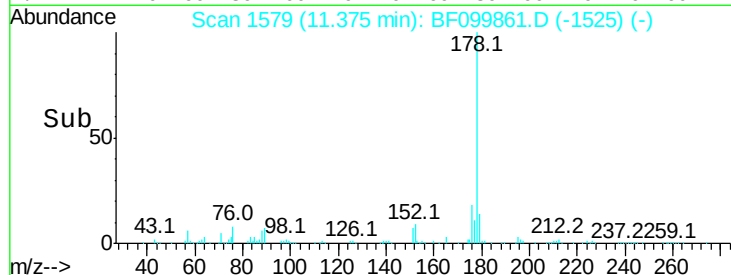
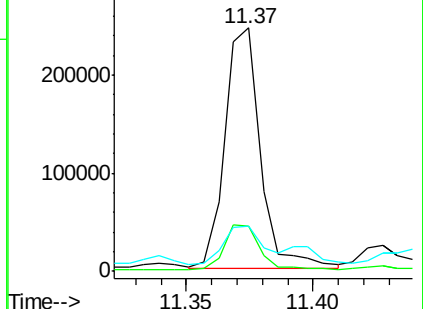
179 18.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 21.922 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.04 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

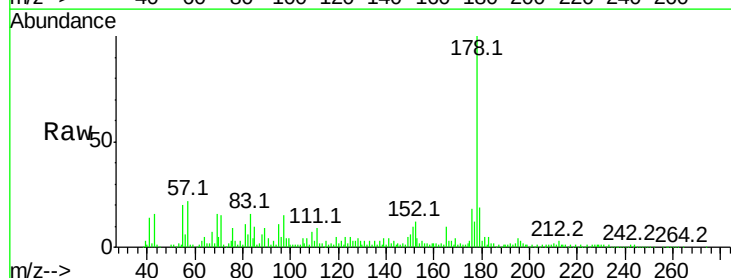
Tgt Ion:178 Resp: 235556

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

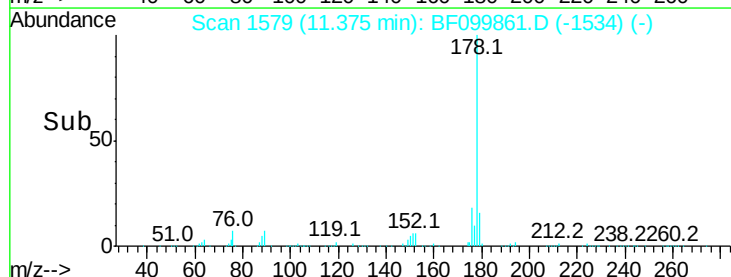
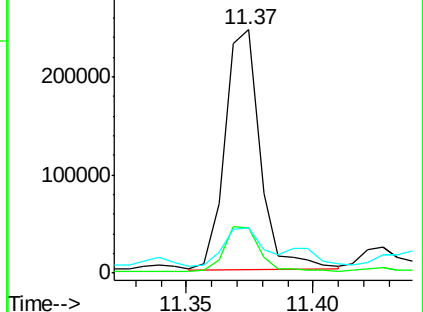
179 18.7 12.6 19.0

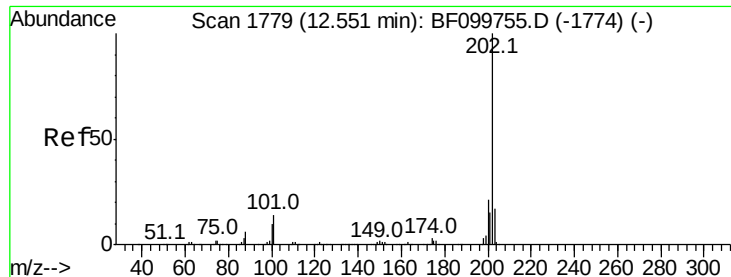


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.624 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

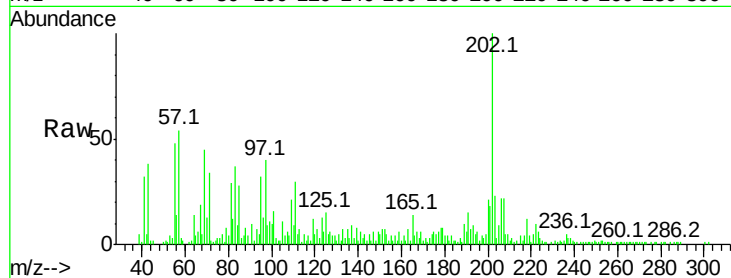
Tot Ion:202 Resp: 39862

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.1

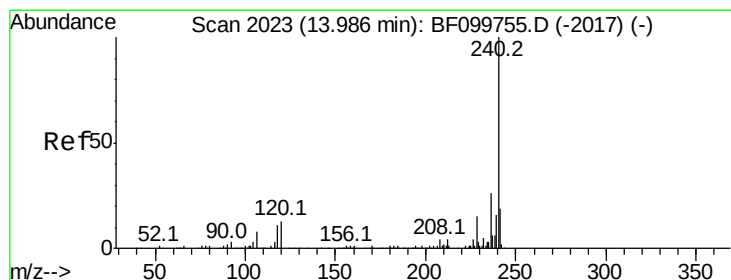
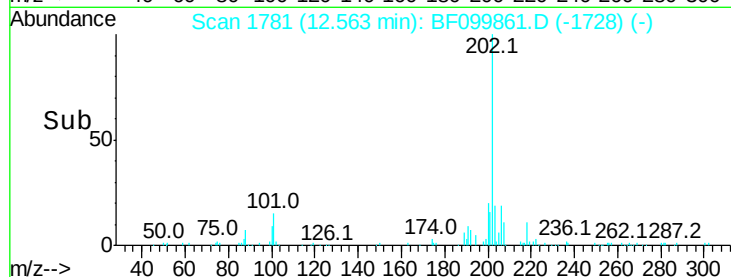
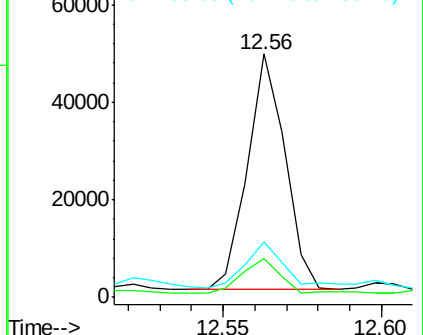
203 22.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

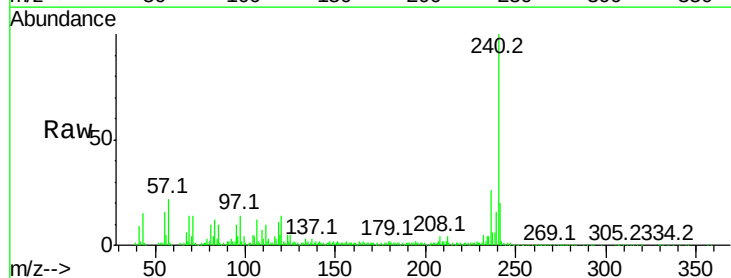
Tgt Ion:240 Resp: 175985

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

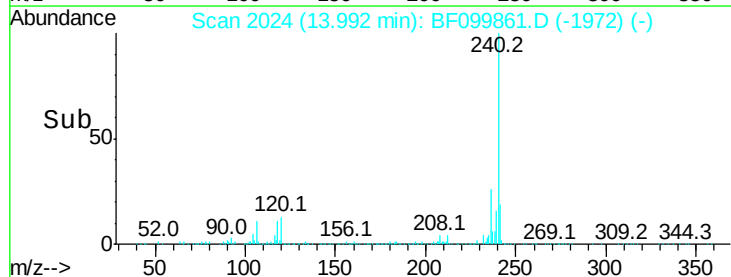
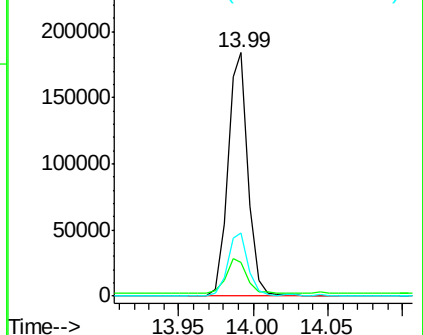
236 25.9 20.7 31.1

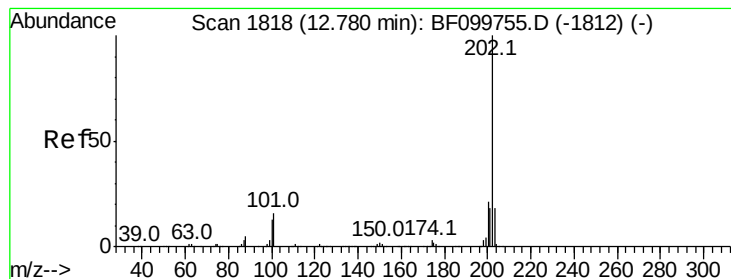


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.387 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampled :

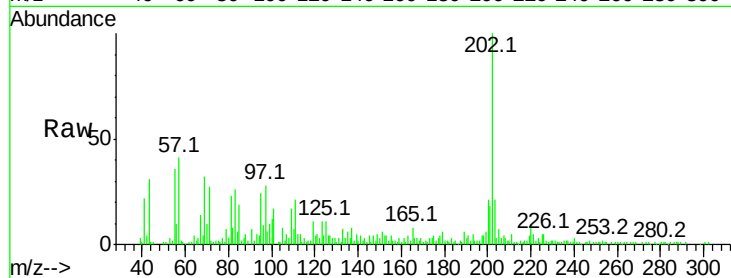
Tot Ion:202 Resp: 58709

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

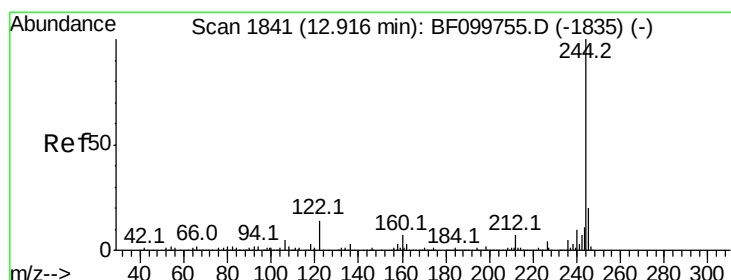
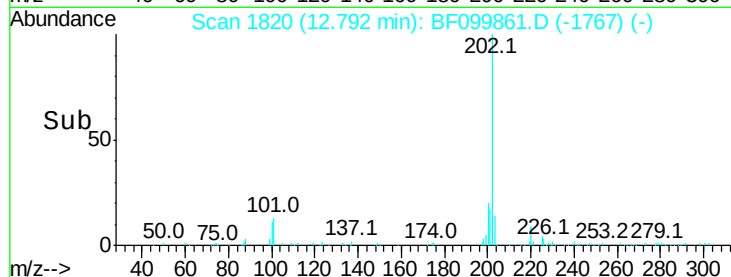
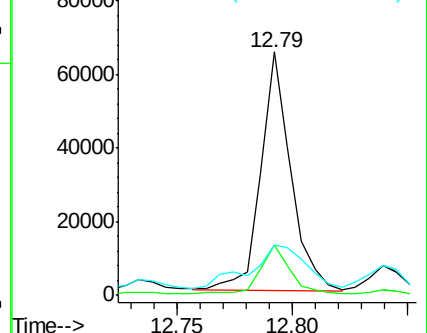
203 20.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.689 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

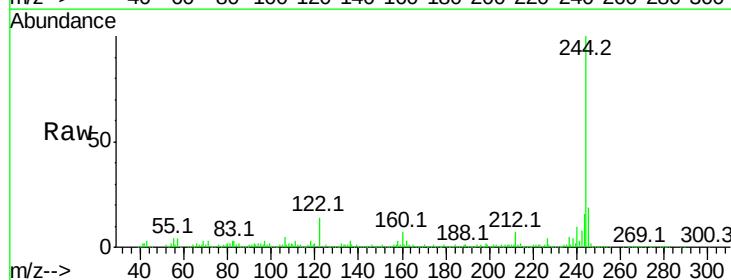
Tgt Ion:244 Resp: 512875

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

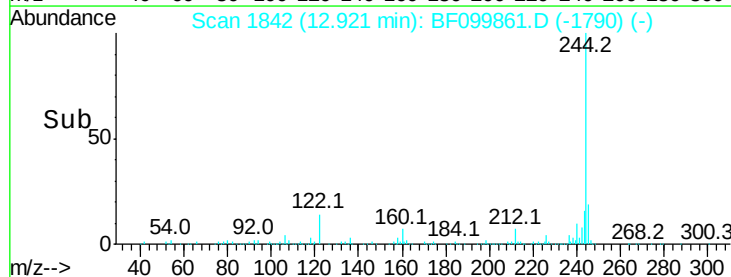
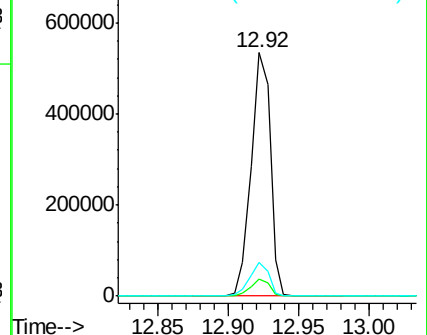
122 14.0 11.0 16.4

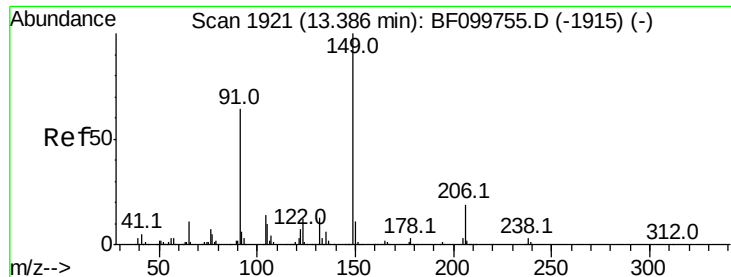


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.238 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

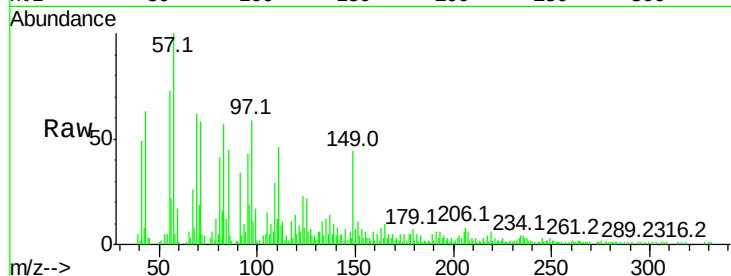
Tot Ion:149 Resp: 14750

Ion Ratio Lower Upper

149 100

91 78.2 56.8 85.2

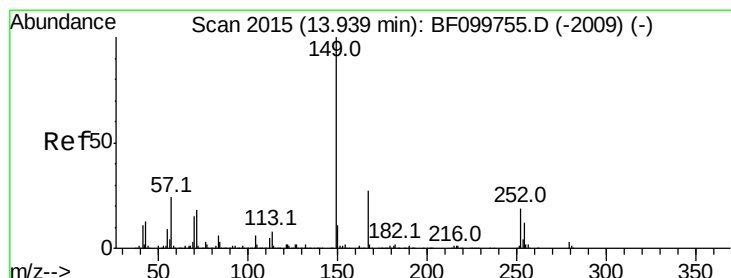
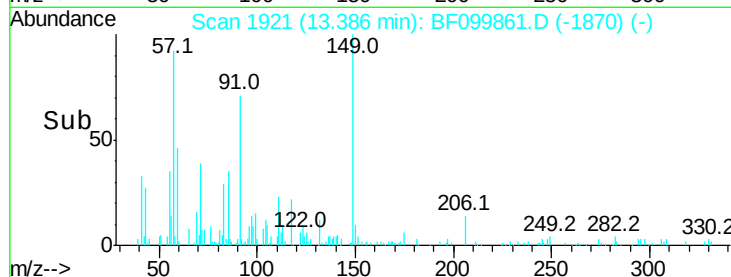
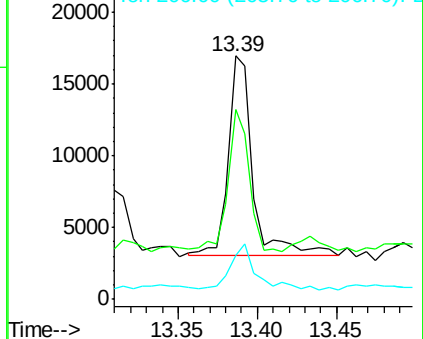
206 17.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 14.973 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

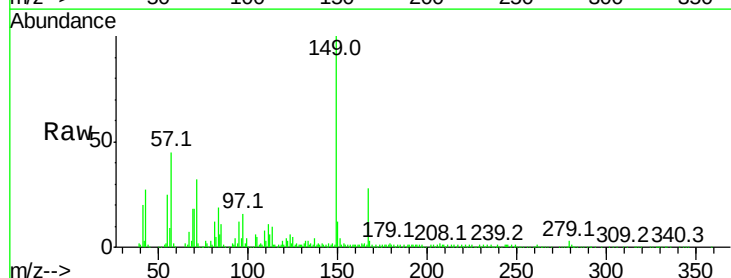
Tgt Ion:149 Resp: 138557

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

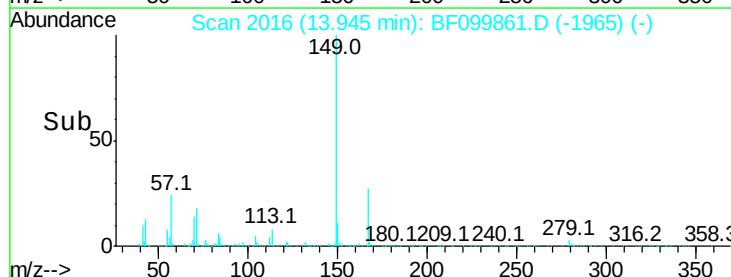
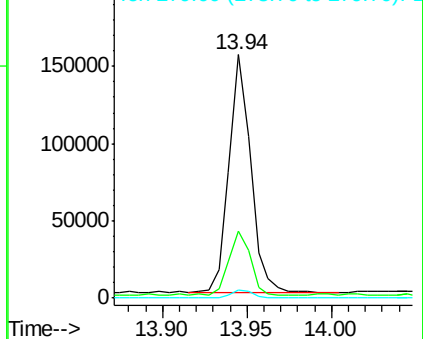
279 3.3 3.0 4.4

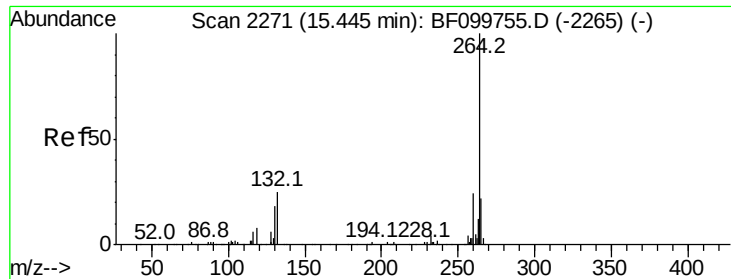


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

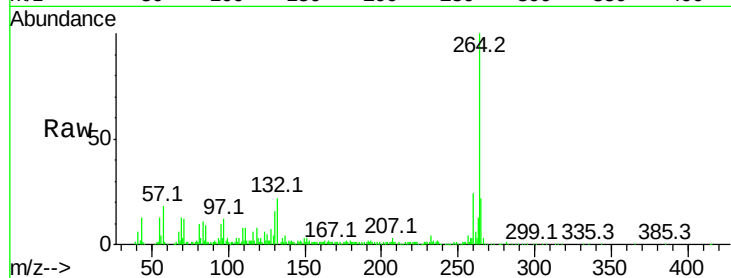




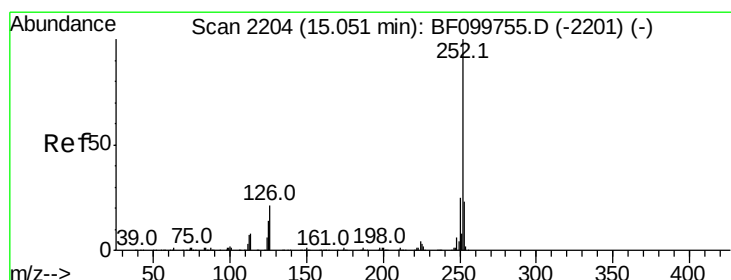
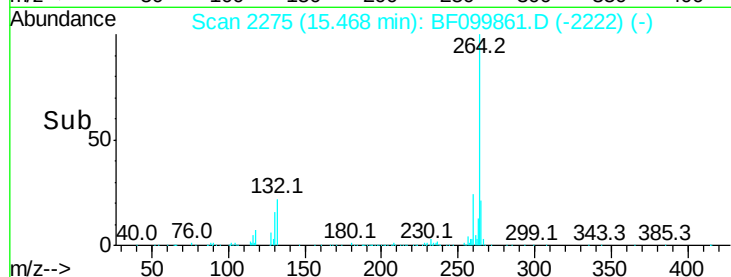
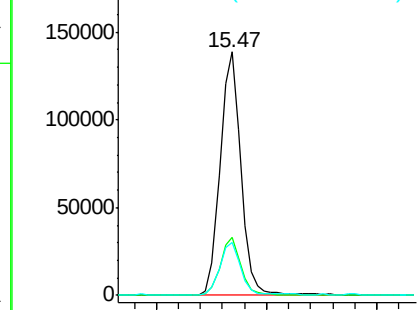
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 178269
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.6 17.5 26.3

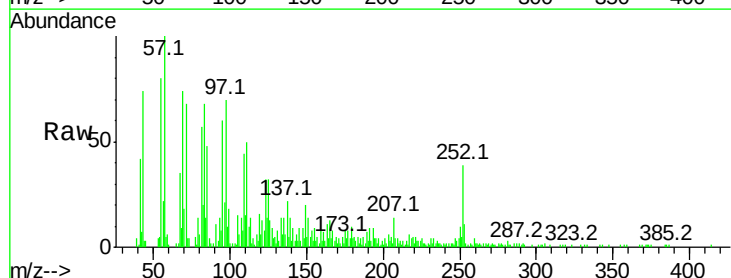


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(k)fluoranthene
Concen: 2.099 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion:252 Resp: 22283
Ion Ratio Lower Upper
252 100
253 27.7 17.9 26.9#
125 81.5 10.2 15.2#



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

