

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099912.D
 Acq On : 28 Oct 2017 12:53
 Operator : SJ/JU
 Sample : I6138-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:54:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

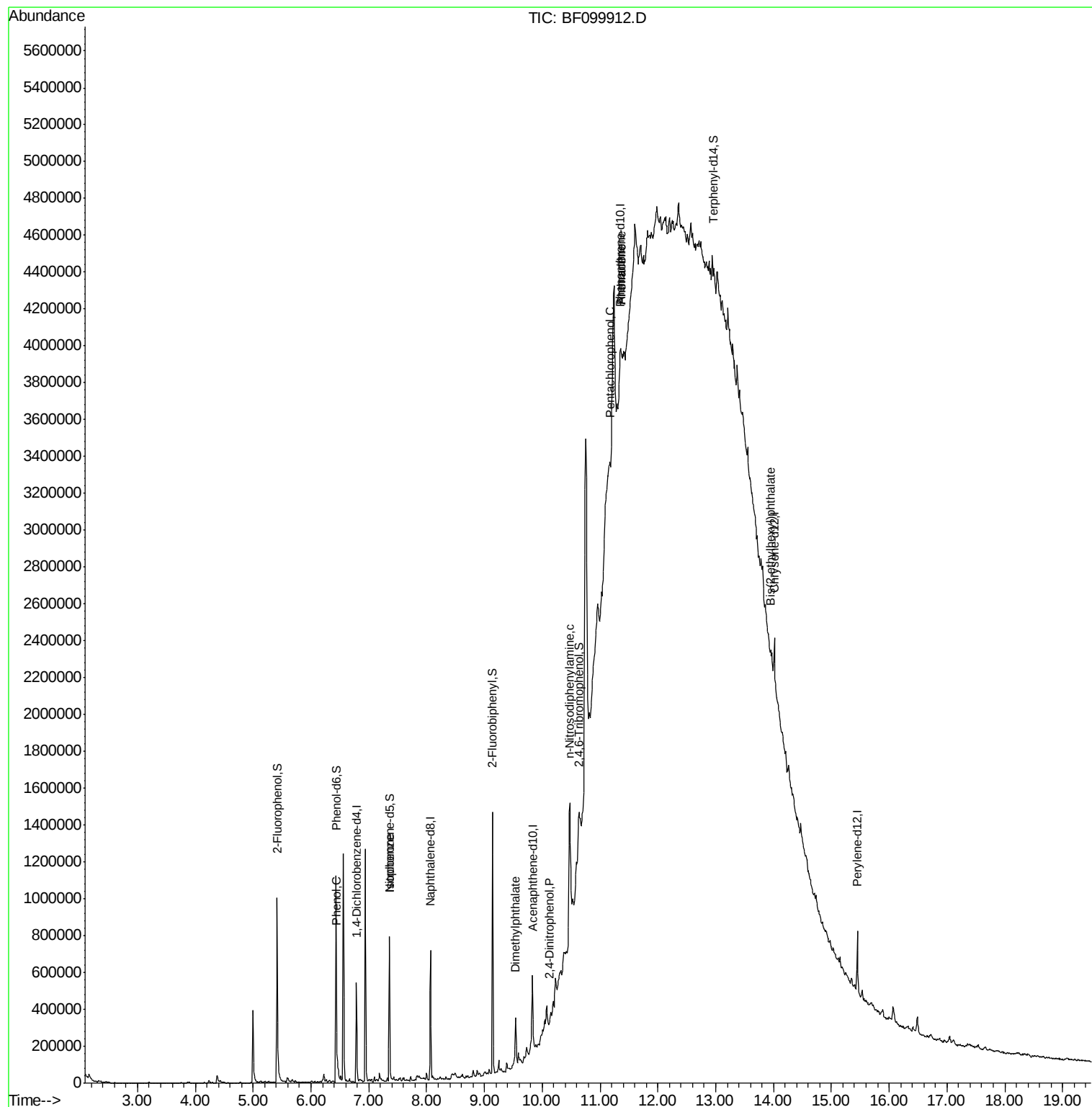
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82903	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	308231	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	121496	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	96581	20.00	ng	0.00
75) Chrysene-d12	14.02	240	118339	20.00	ng	0.02
86) Perylene-d12	15.45	264	151846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	382913	72.51	ng	0.00
7) Phenol-d6	6.43	99	459990	73.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	264409	55.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	65564	59.22	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	532314	67.60	ng	-0.02
78) Terphenyl-d14	12.97	244	138159	25.51	ng	0.05
Target Compounds						
10) Phenol	6.45	94	18031	2.623	ng	# 77
25) Isophorone	7.36	82	260916	30.033	ng	# 64
49) Dimethylphthalate	9.55	163	94136	9.784	ng	99
53) 2,4-Dinitrophenol	10.12	184	1042	6.972	ng	88
65) n-Nitrosodiphenylamine	10.48	169	21858	6.131	ng	# 56
69) Pentachlorophenol	11.17	266	4397	9.892	ng	# 34
70) Phenanthrene	11.37	178	31465	5.773	ng	# 1
71) Anthracene	11.37	178	31465	5.687	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	16782	2.697	ng	# 62

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

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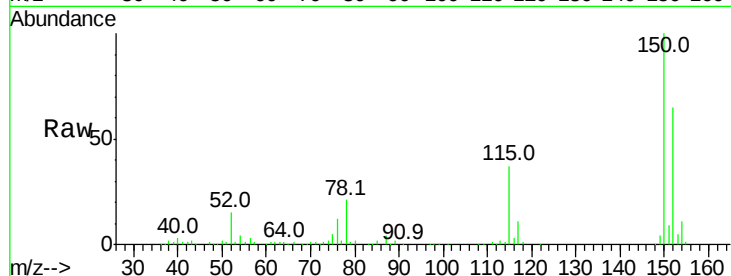


#1

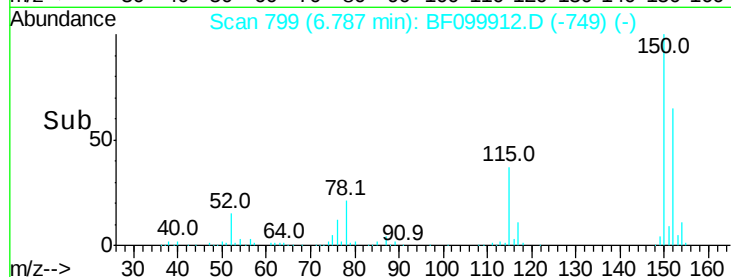
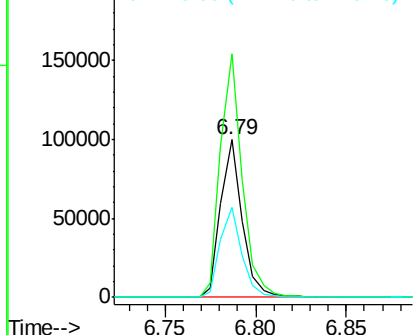
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82903
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 57.3 50.1 75.1



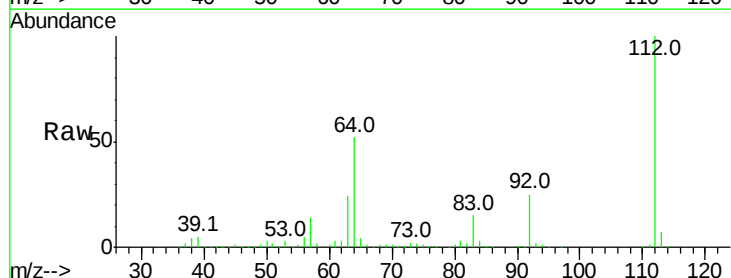
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



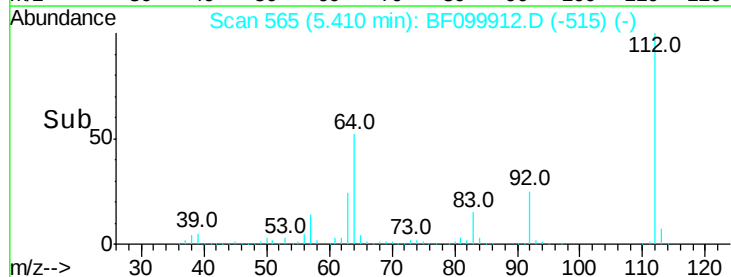
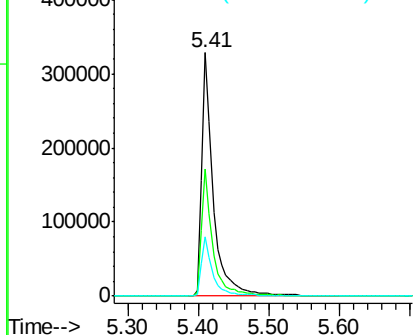
#5

2-Fluorophenol
Concen: 72.514 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Tgt Ion:112 Resp: 382913
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.2 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: 73.466 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampled :

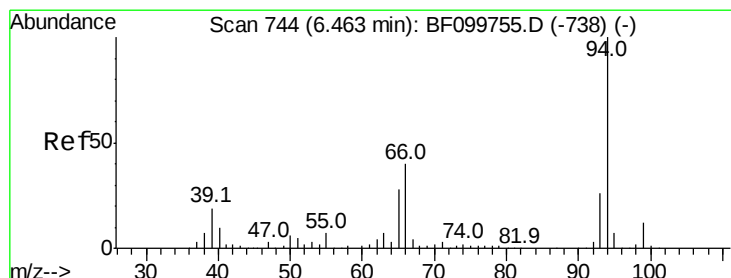
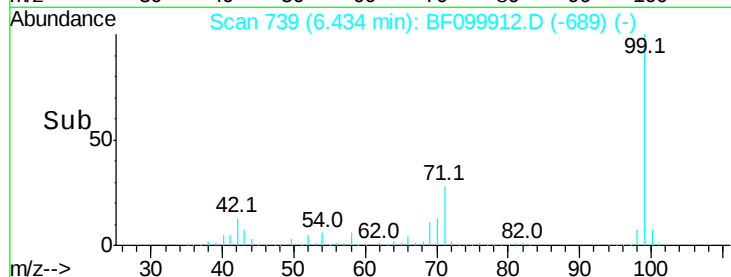
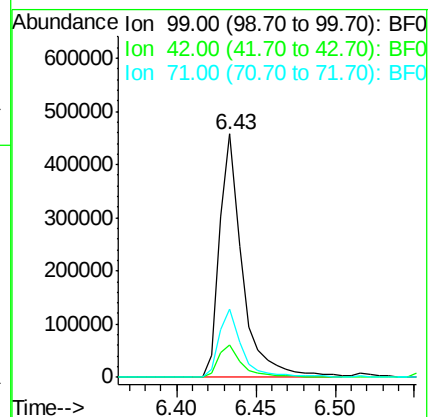
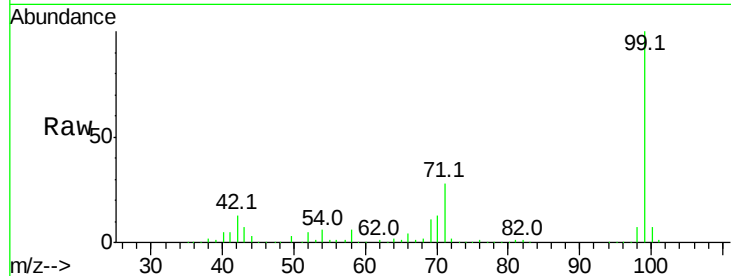
Tot Ion: 99 Resp: 459990

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

71 27.8 25.4 38.0



#10

Phenol

Concen: 2.623 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

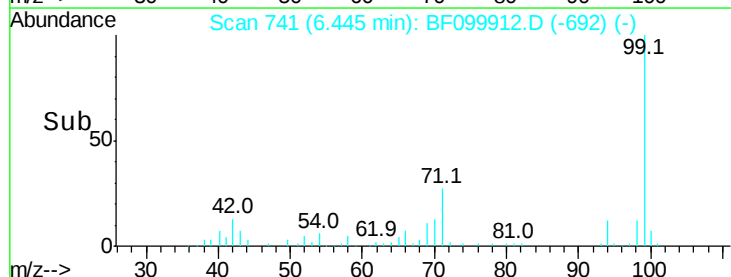
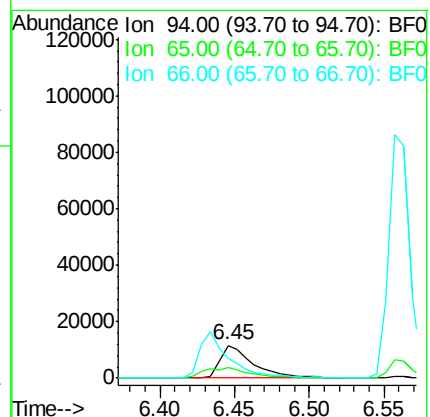
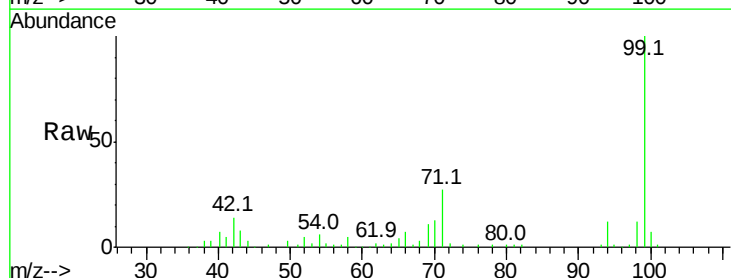
Tgt Ion: 94 Resp: 18031

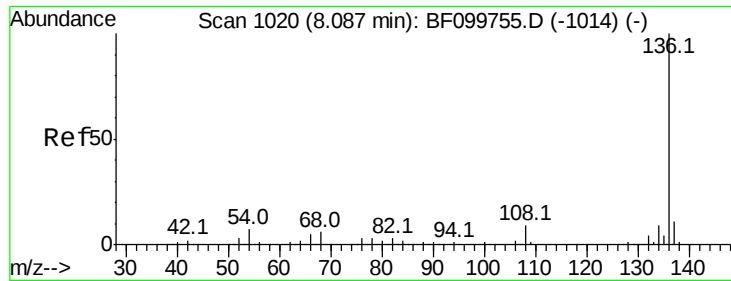
Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

66 57.7 16.2 56.2#

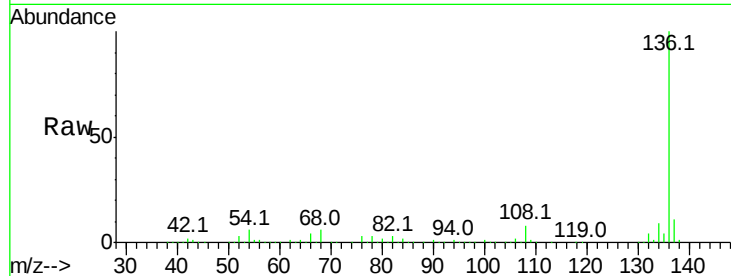




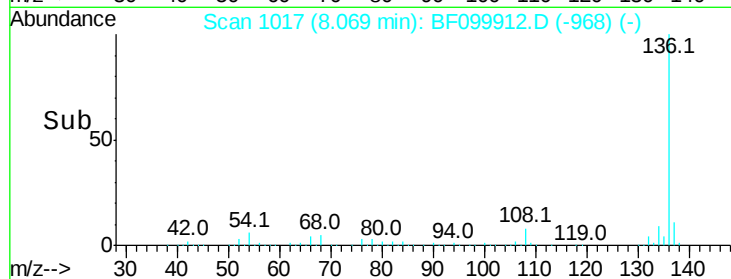
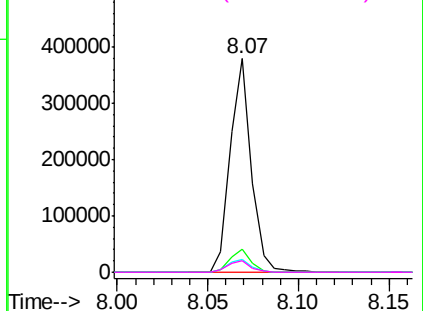
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	308231
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

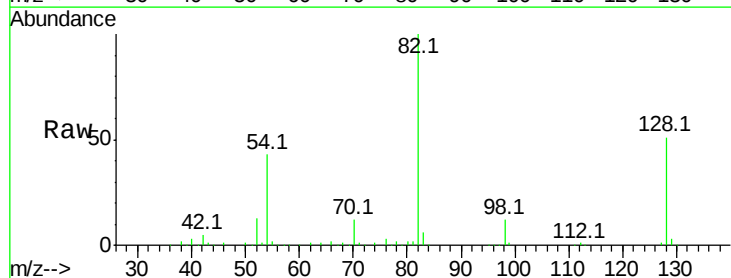


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

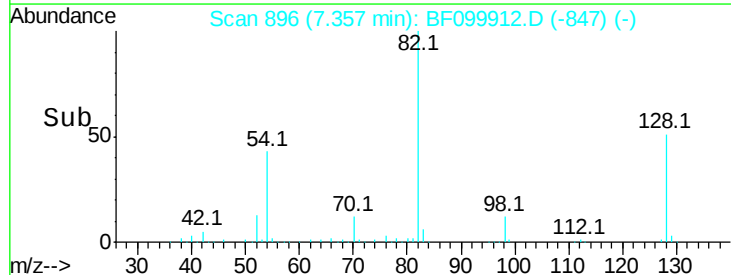
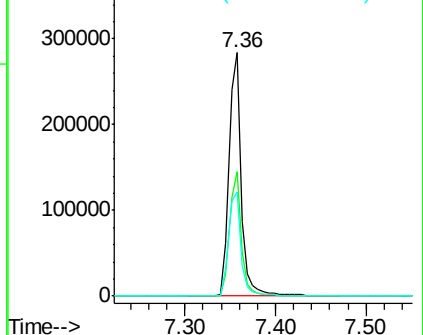


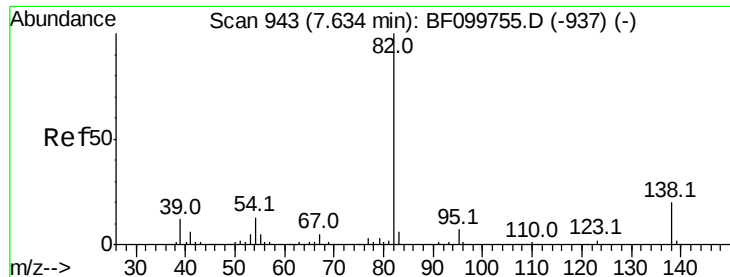
#23
Nitrobenzene-d5
Concen: 55.227 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Tgt Ion:	82	Resp:	264409
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	42.5	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: 30.033 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

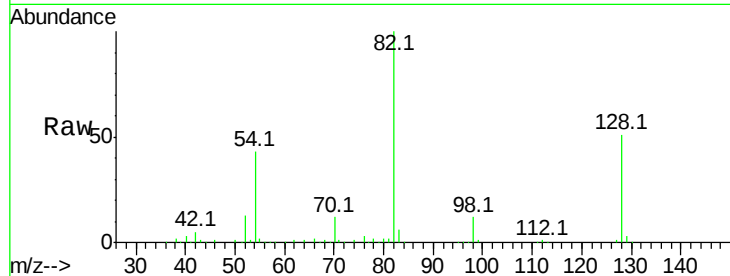
Tot Ion: 82 Resp: 260916

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

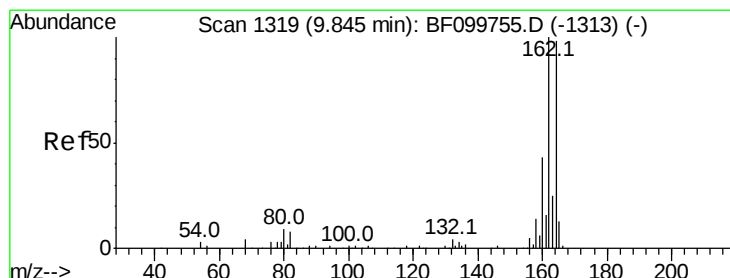
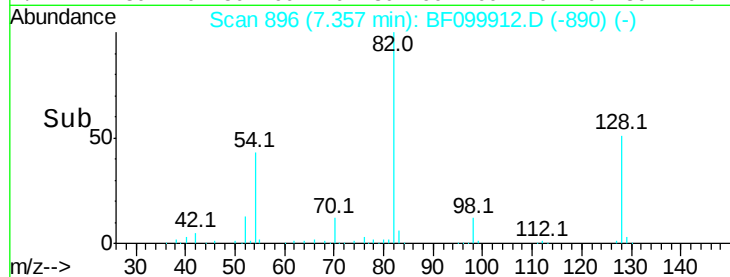
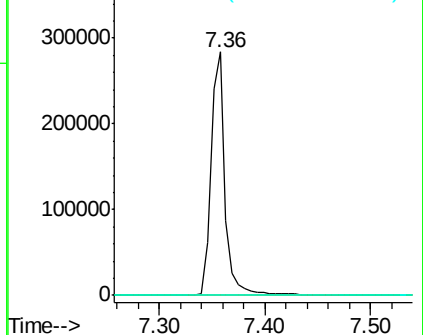
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

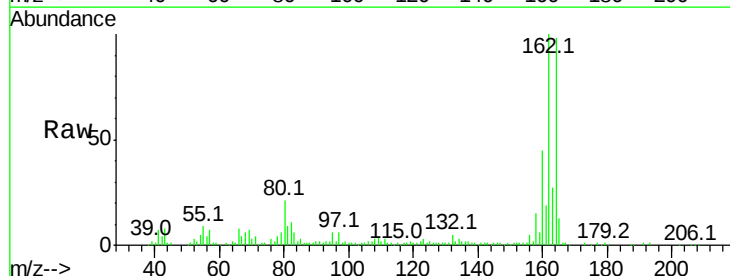
Tgt Ion:164 Resp: 121496

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

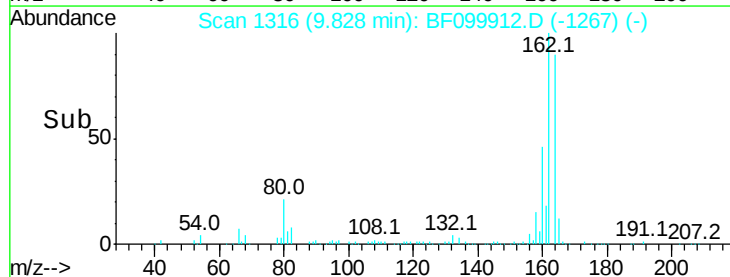
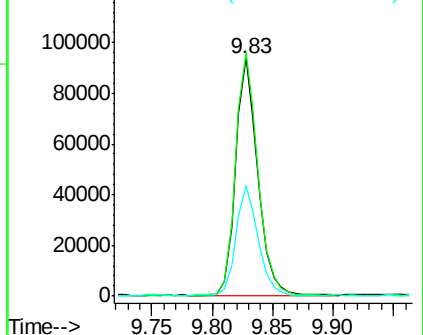
160 46.3 38.3 57.5



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

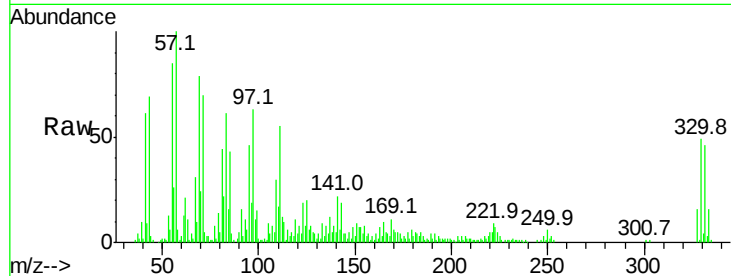




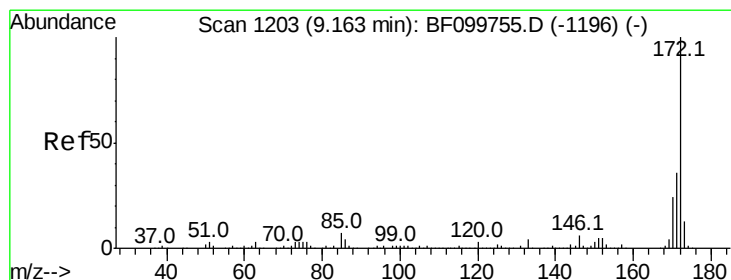
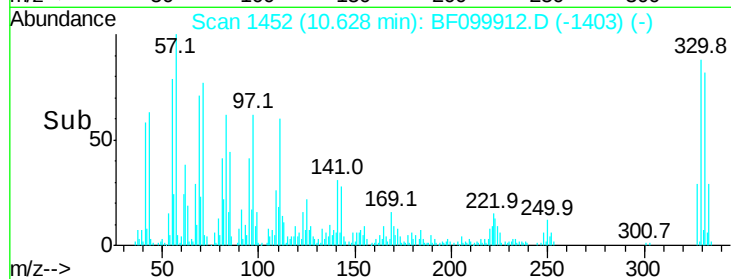
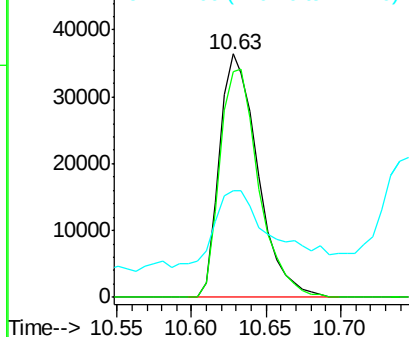
#41
 2,4,6-Tribromophenol
 Concen: 59.215 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 65564
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 44.2 29.9 44.9

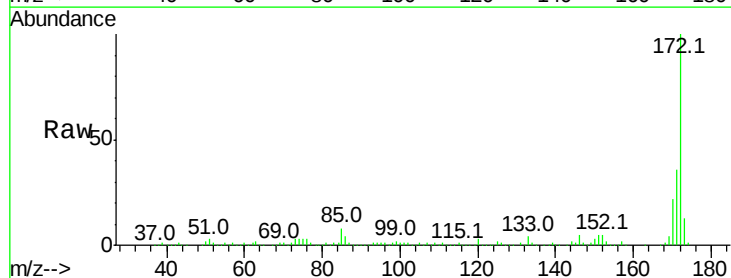


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

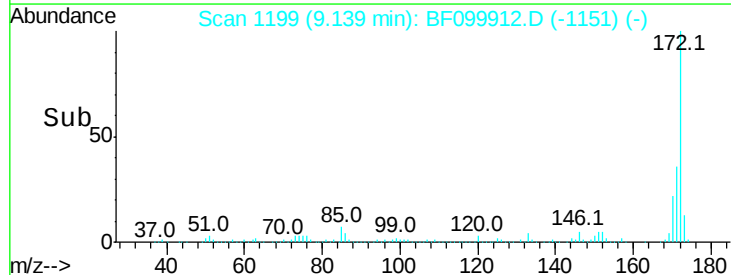
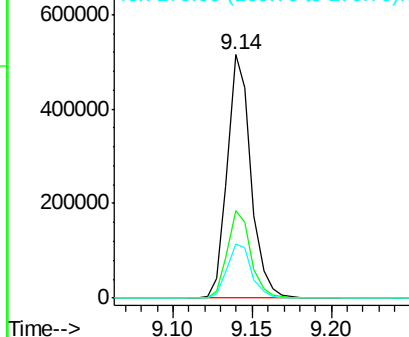


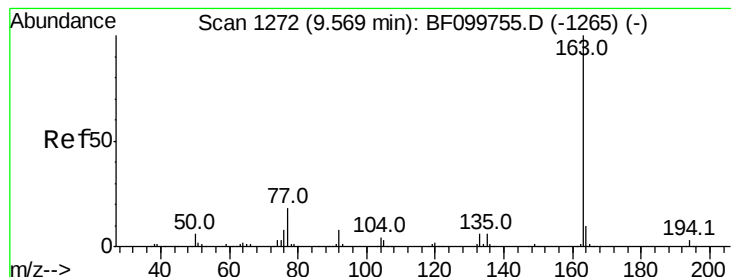
#44
 2-Fluorobiphenyl
 Concen: 67.597 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Tgt Ion:172 Resp: 532314
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 22.4 19.6 29.4



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





#49

Dimethylphthalate

Concen: 9.784 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampled :

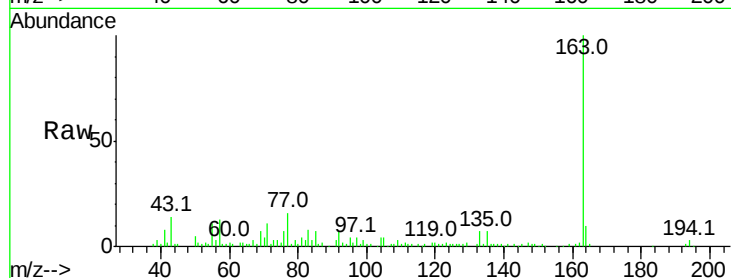
Tot Ion:163 Resp: 94136

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

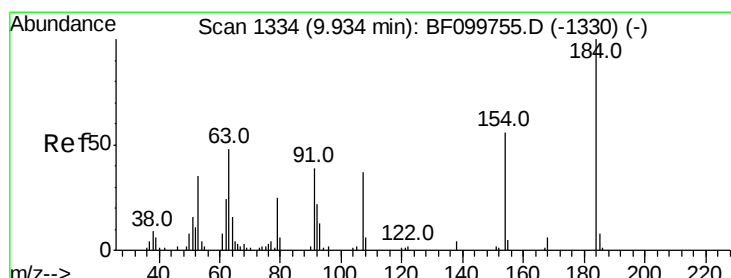
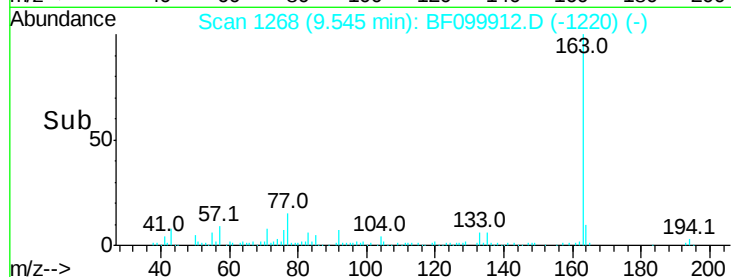
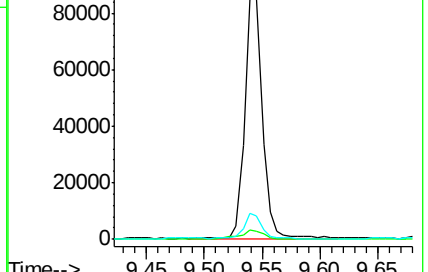
164 9.8 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 6.972 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.18 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

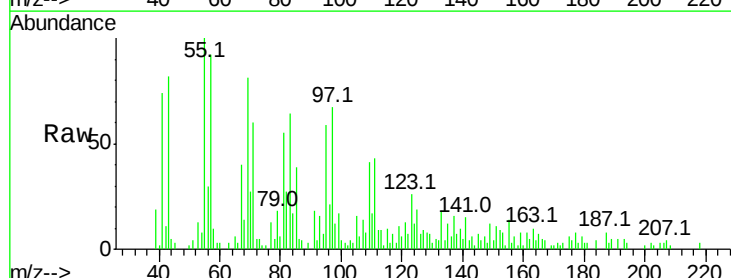
Tgt Ion:184 Resp: 1042

Ion Ratio Lower Upper

184 100

63 58.5 54.2 81.2

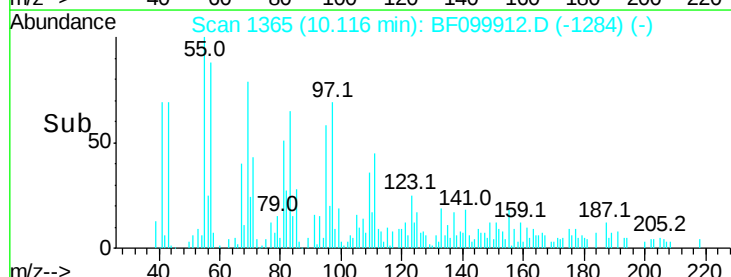
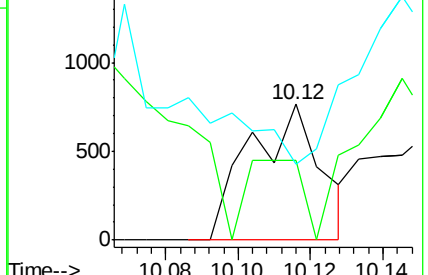
154 56.1 53.5 80.3

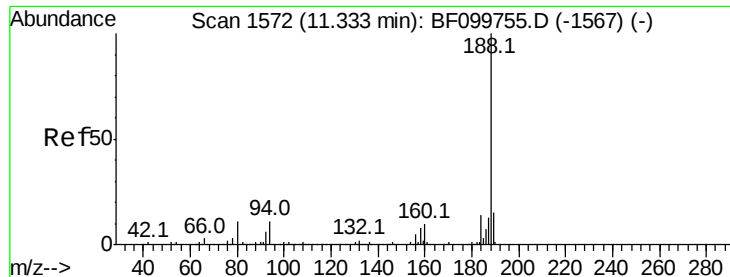


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

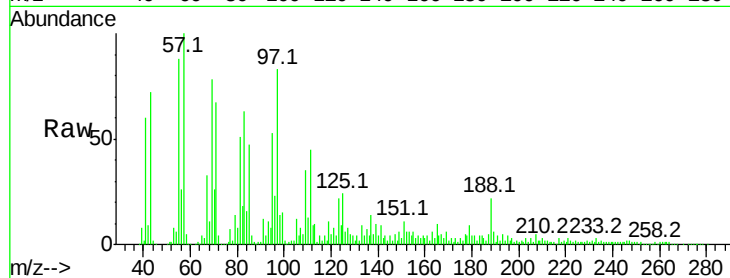
Tot Ion:188 Resp: 96581

Ion Ratio Lower Upper

188 100

94 34.8 8.5 12.7#

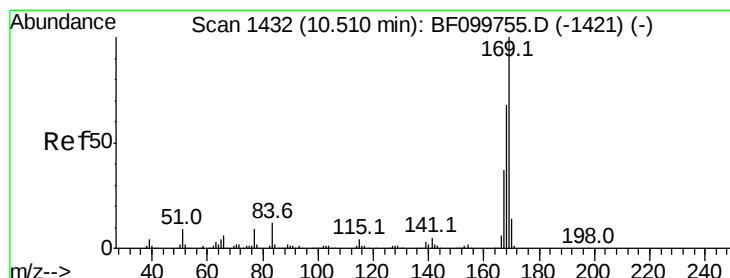
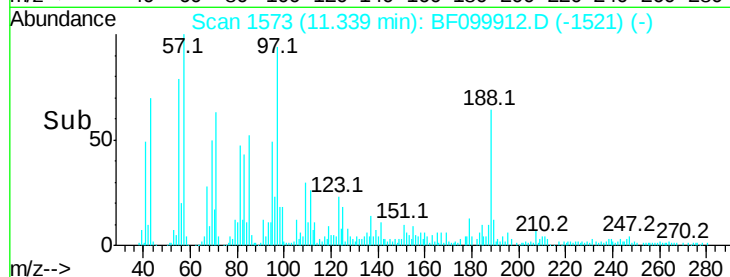
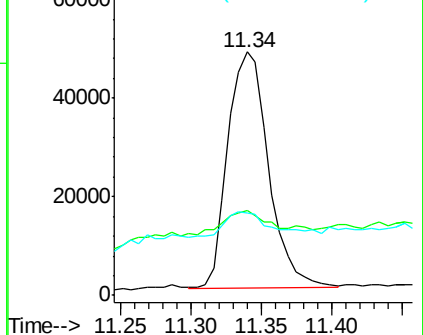
80 33.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 6.131 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

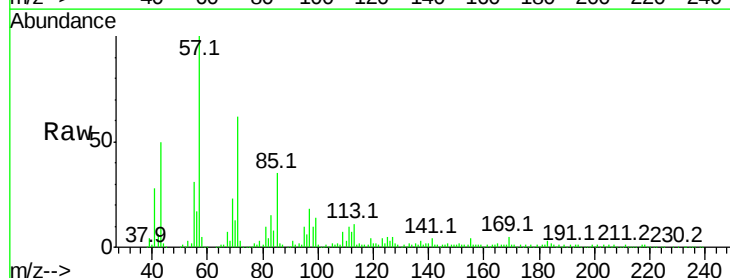
Tgt Ion:169 Resp: 21858

Ion Ratio Lower Upper

169 100

168 29.0 54.4 81.6#

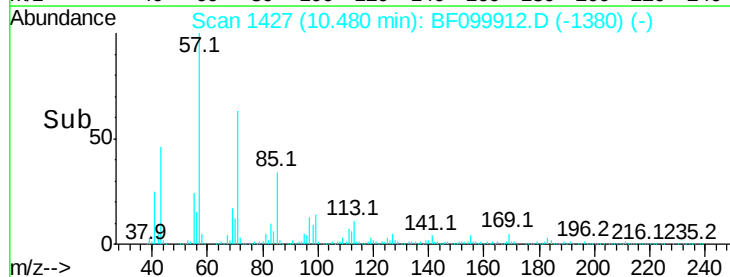
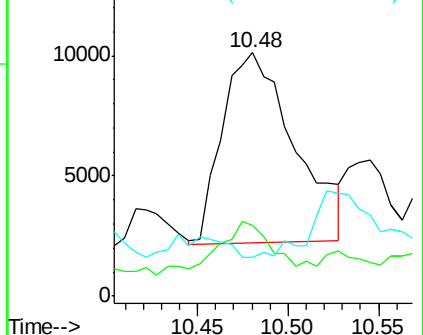
167 15.7 29.8 44.6#

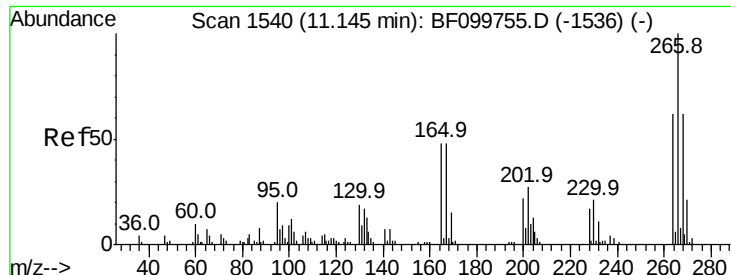


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

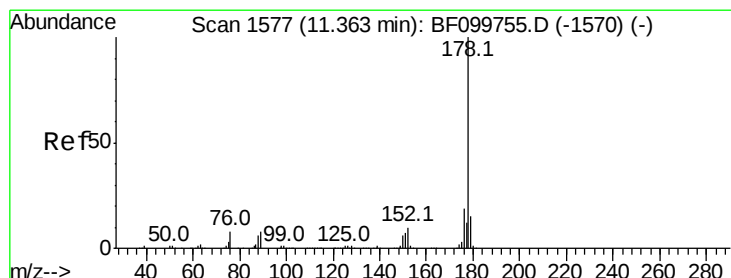
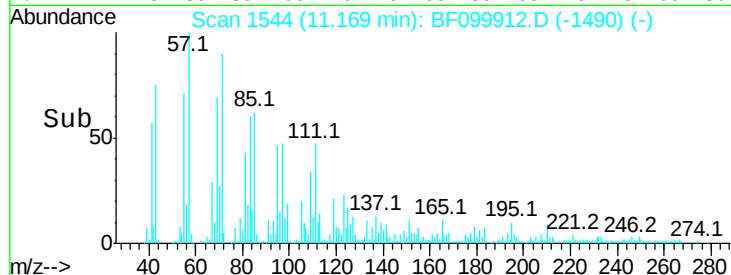
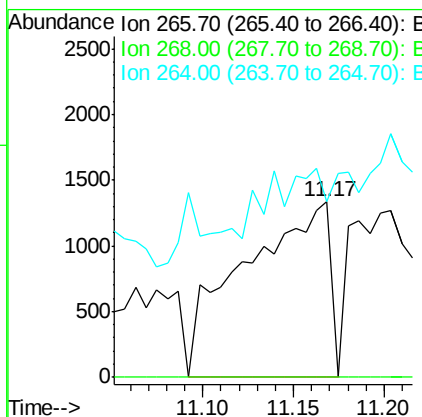
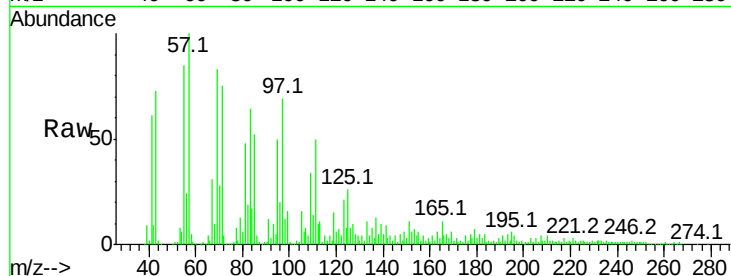




#69
 Pentachlorophenol
 Concen: 9.892 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.02 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

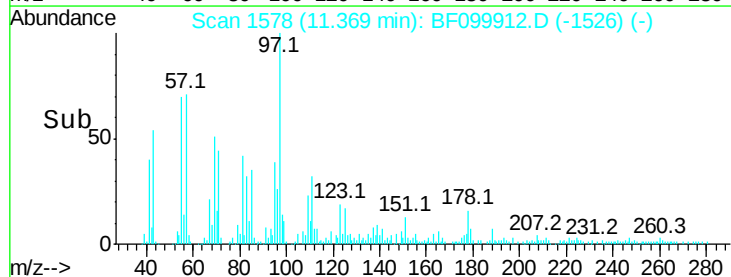
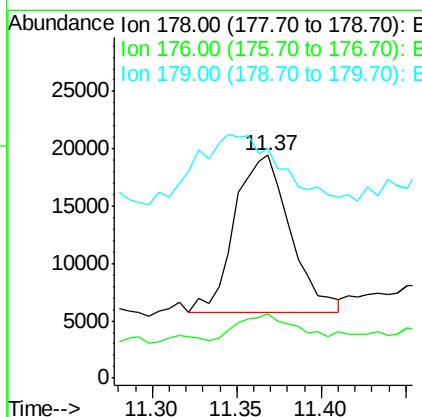
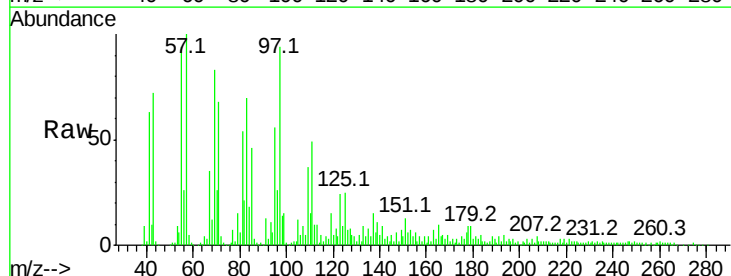
Instrument :
 BNA_F
 ClientSampleId :

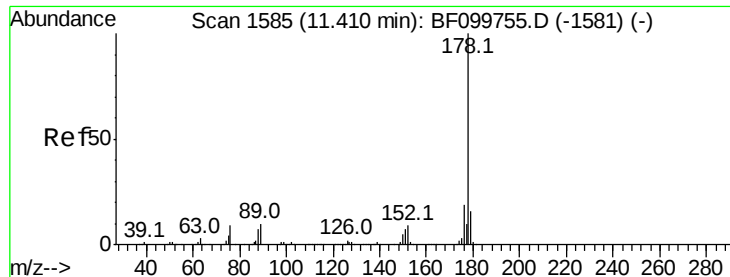
Tot Ion:266 Resp: 4397
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 100.0 49.5 74.3#



#70
 Phenanthrene
 Concen: 5.773 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Tgt Ion:178 Resp: 31465
 Ion Ratio Lower Upper
 178 100
 176 28.8 15.8 23.8#
 179 103.0 13.0 19.6#

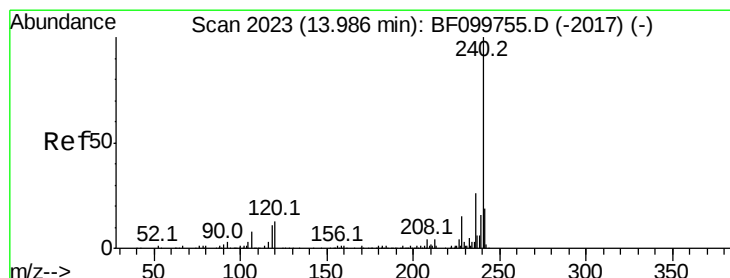
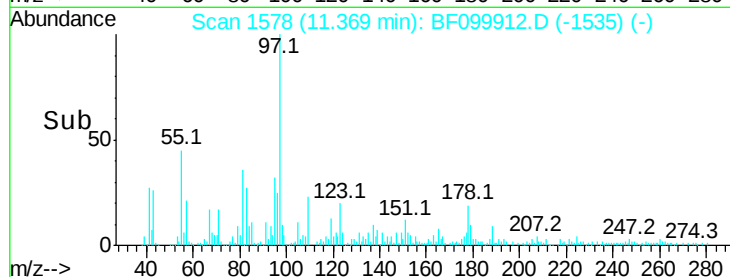
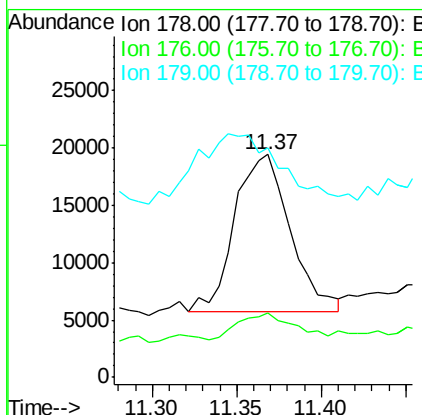
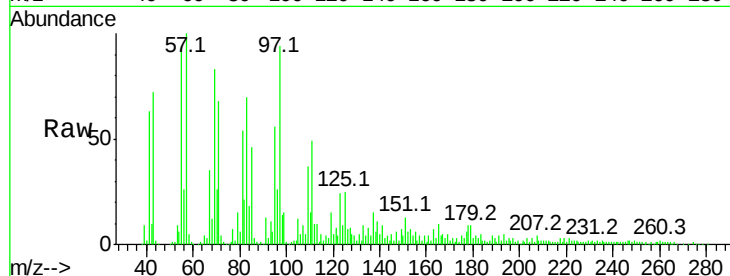




#71
 Anthracene
 Concen: 5.687 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.05 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

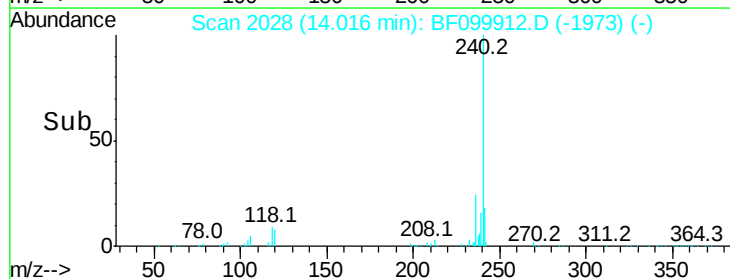
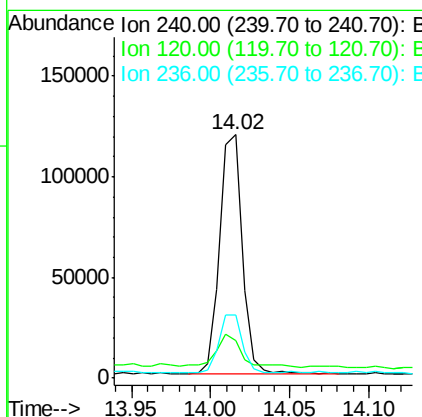
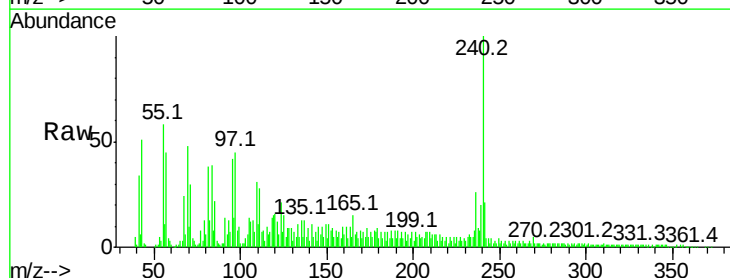
Instrument :
 BNA_F
 ClientSampleId :

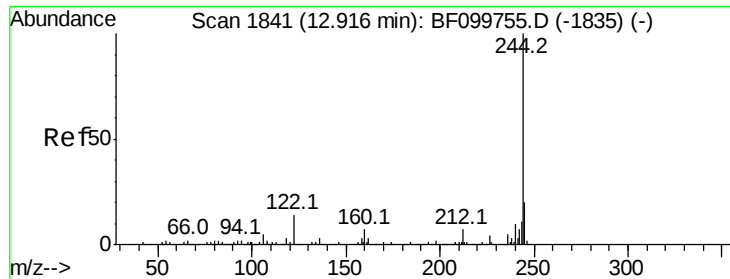
Tot Ion:178 Resp: 31465
 Ion Ratio Lower Upper
 178 100
 176 28.8 15.4 23.2#
 179 103.0 12.6 19.0#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Tgt Ion:240 Resp: 118339
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 25.514 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.05 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampled :

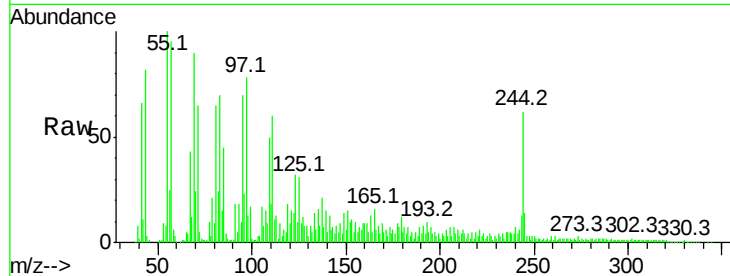
Tot Ion:244 Resp: 138159

Ion Ratio Lower Upper

244 100

212 9.6 5.4 8.0#

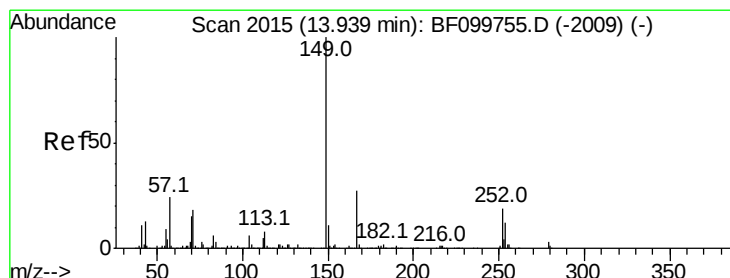
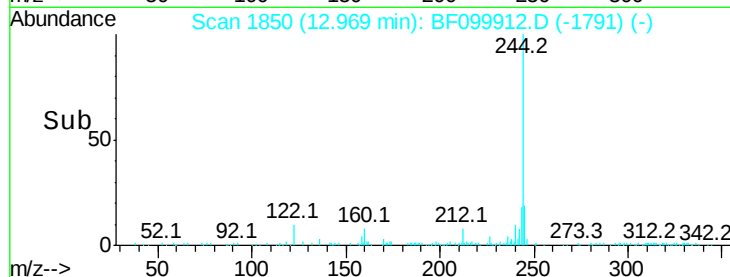
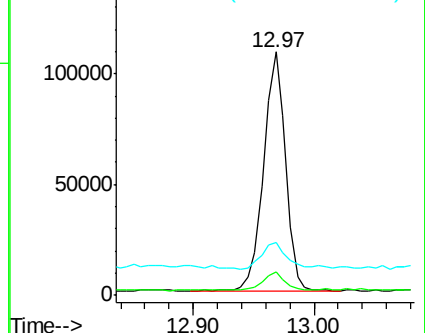
122 22.0 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.697 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

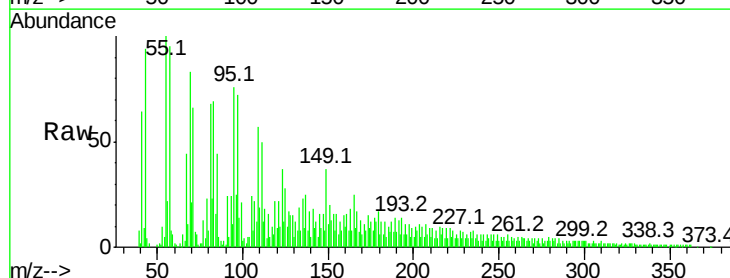
Tgt Ion:149 Resp: 16782

Ion Ratio Lower Upper

149 100

167 46.7 21.3 31.9#

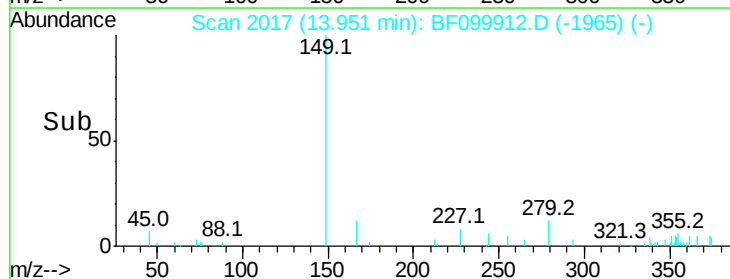
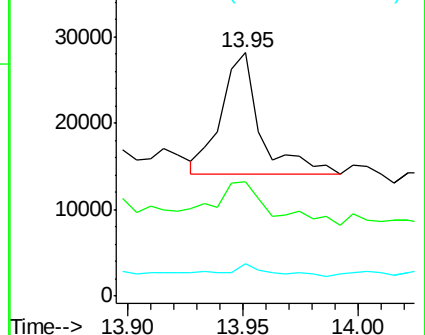
279 13.5 3.0 4.4#

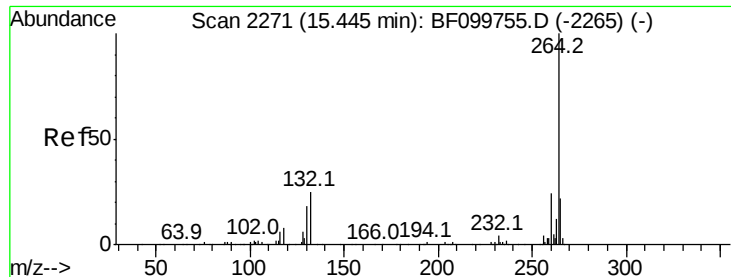


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

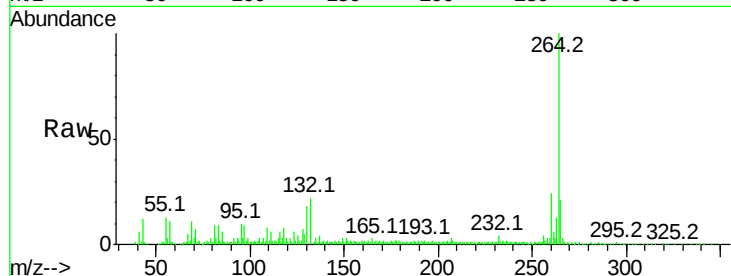




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	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

