

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099908.D
 Acq On : 28 Oct 2017 6:33
 Operator : SJ/JU
 Sample : I6029-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:36:43 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

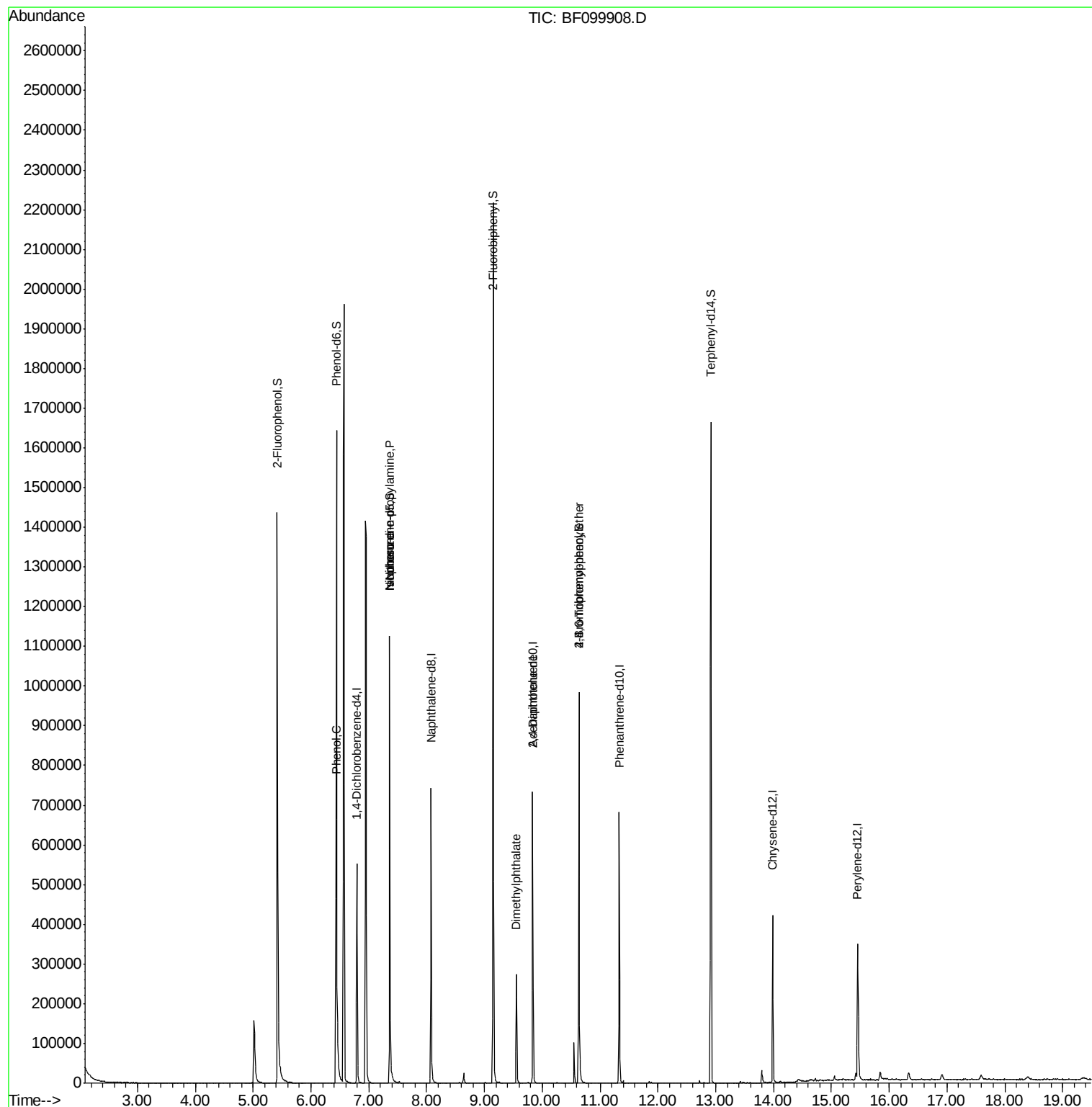
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88929	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362229	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	162124	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	263186	20.00	ng	0.00
75) Chrysene-d12	13.99	240	161717	20.00	ng	0.00
86) Perylene-d12	15.46	264	168095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	566126	99.94	ng	0.00
7) Phenol-d6	6.44	99	667600	99.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	381832	67.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127520	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	767003	72.99	ng	0.00
78) Terphenyl-d14	12.92	244	528338	71.40	ng	0.00
Target Compounds						
10) Phenol	6.45	94	31701	4.299	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	46190	11.735	ng	# 71
25) Isophorone	7.36	82	381832	37.400	ng	# 64
49) Dimethylphthalate	9.55	163	127447	9.927	ng	99
56) 2,4-Dinitrotoluene	9.83	165	20641	6.350	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	8027	2.897	ng	# 1

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

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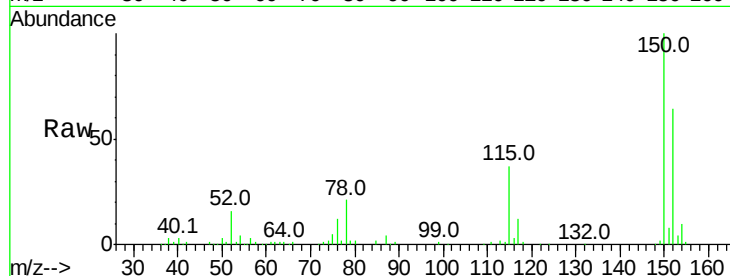


#1

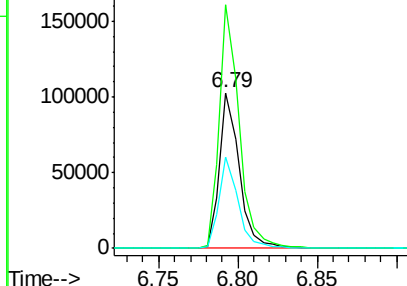
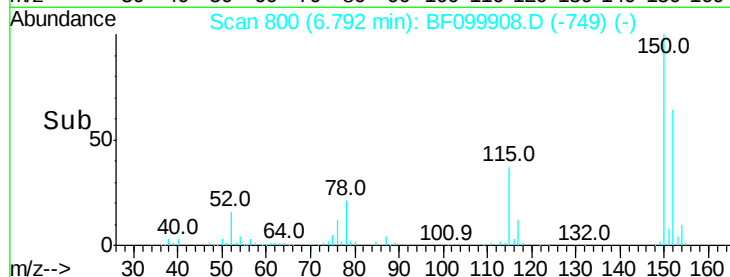
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 88929
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 58.7 50.1 75.1



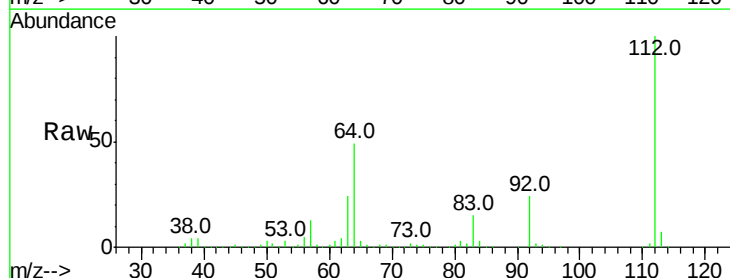
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



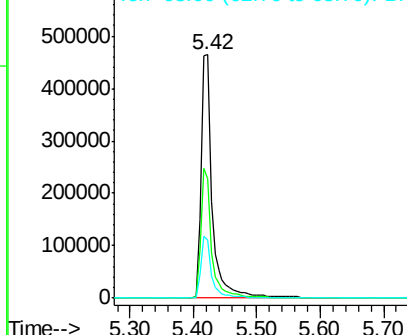
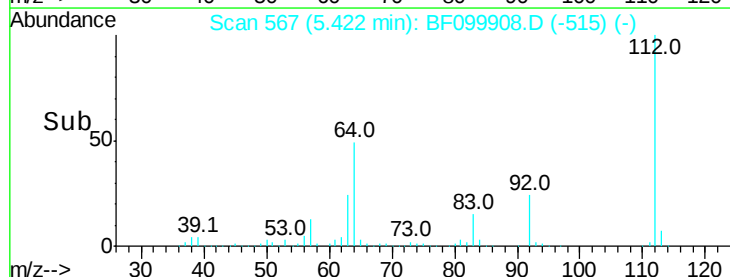
#5

2-Fluorophenol
 Concen: 99.945 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Tgt Ion:112 Resp: 566126
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.9 71.9
 63 23.6 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: 99.399 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099908.D

Acq: 28 Oct 2017 6:33

Instrument :

BNA_F

ClientSampleId :

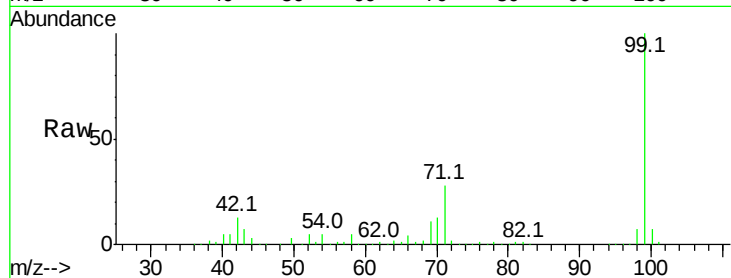
Tot Ion: 99 Resp: 667600

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

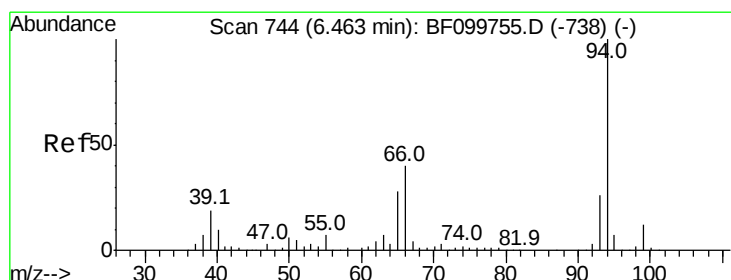
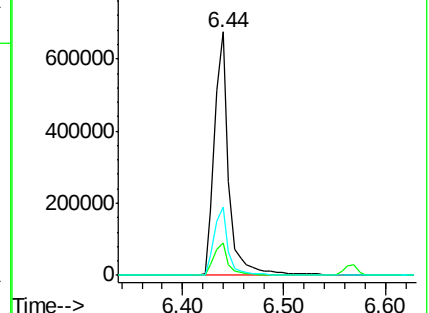
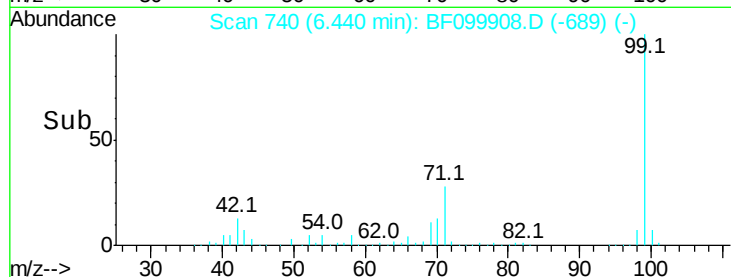
71 27.9 25.4 38.0



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



#10

Phenol

Concen: 4.299 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099908.D

Acq: 28 Oct 2017 6:33

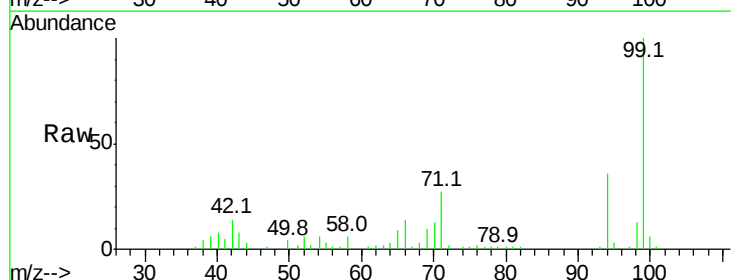
Tgt Ion: 94 Resp: 31701

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

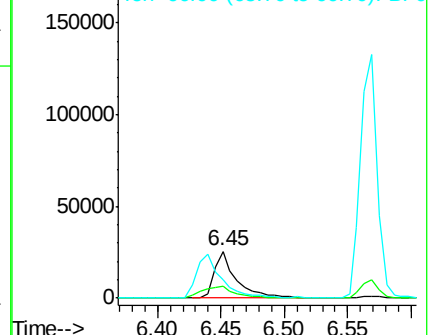
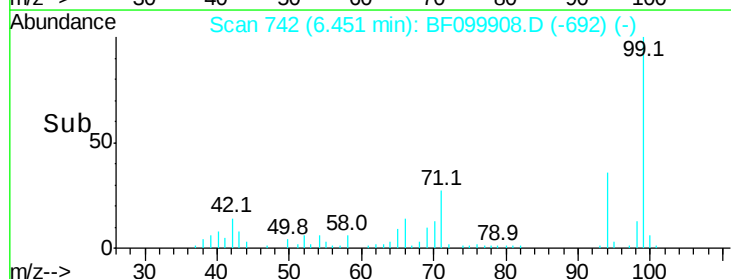
66 39.3 16.2 56.2

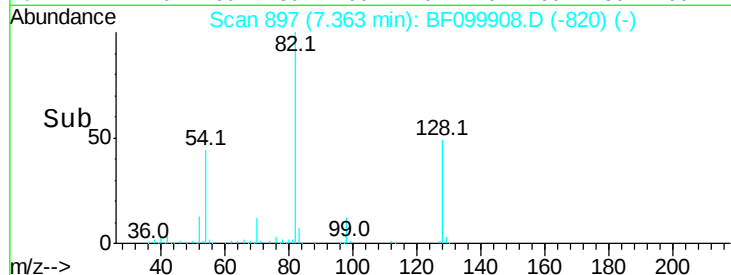
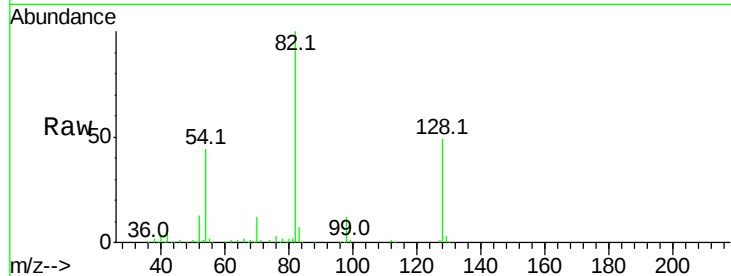
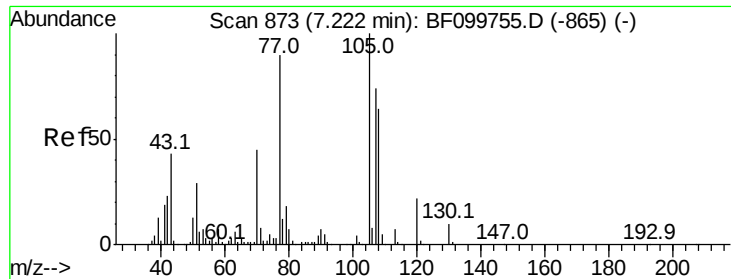


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

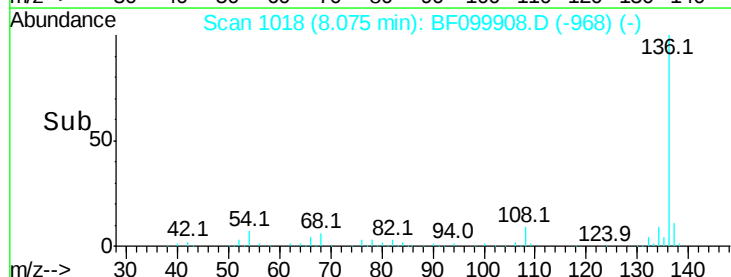
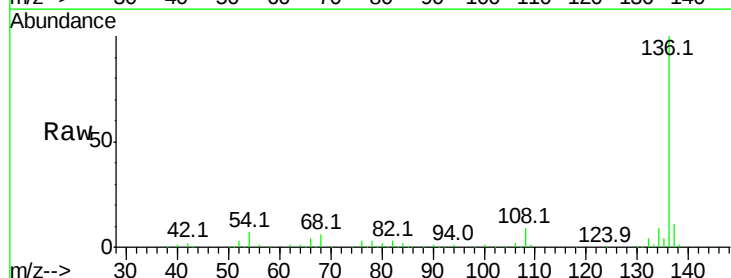
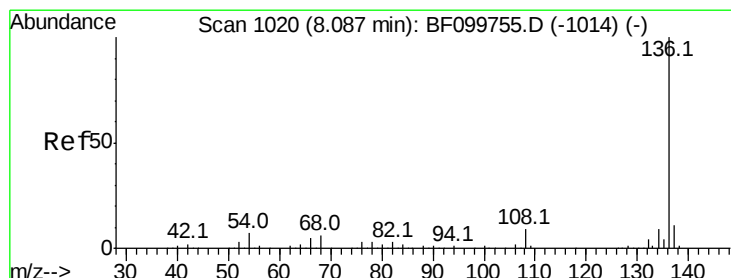
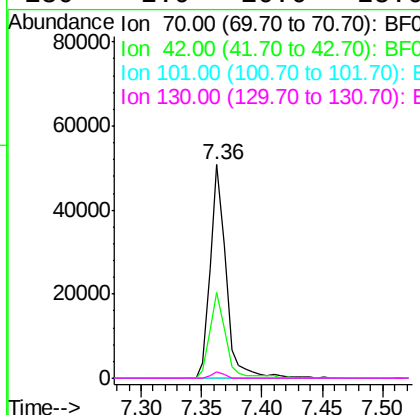




#19
n-Nitroso-di-n-propylamine
Concen: 11.735 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

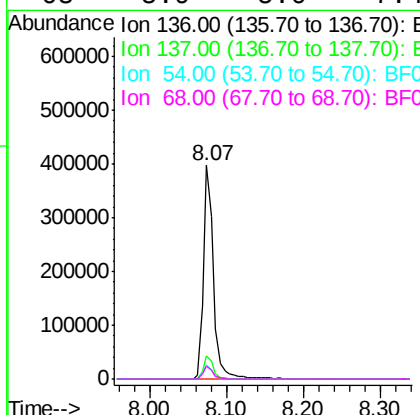
Instrument :
BNA_F
ClientSampleId :

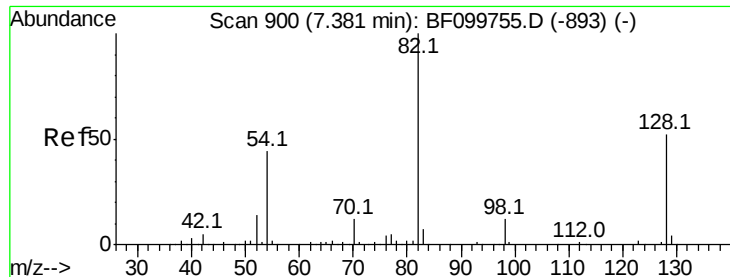
Tot Ion: 70 Resp: 46190
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion: 136 Resp: 362229
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

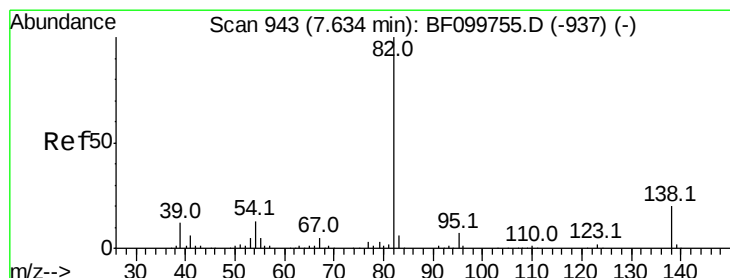
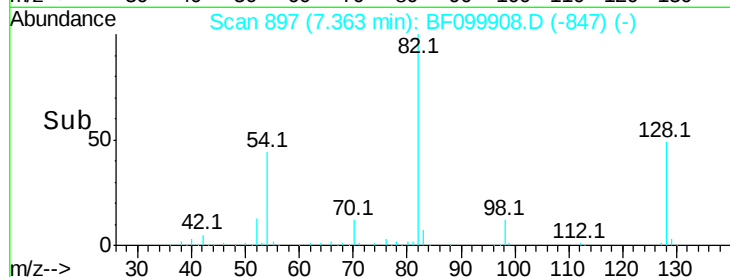
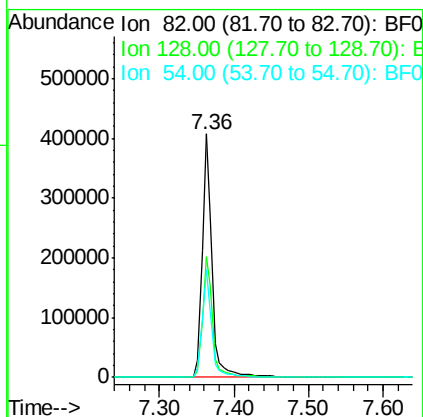
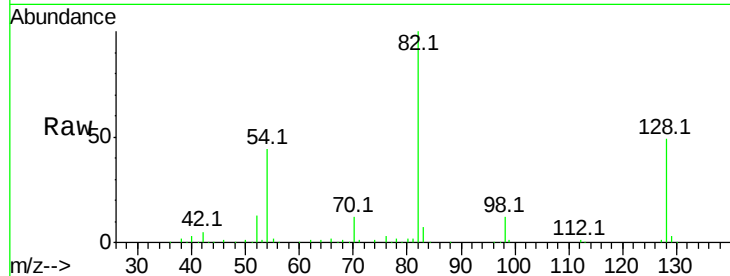




#23
Nitrobenzene-d5
Concen: 67.865 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

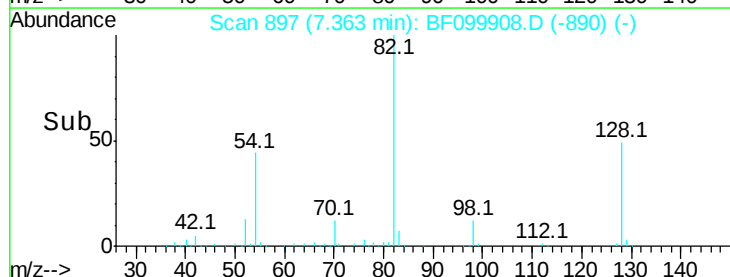
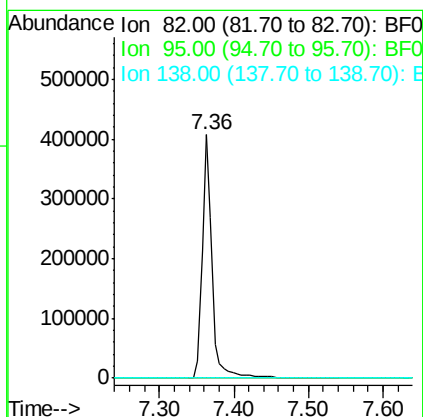
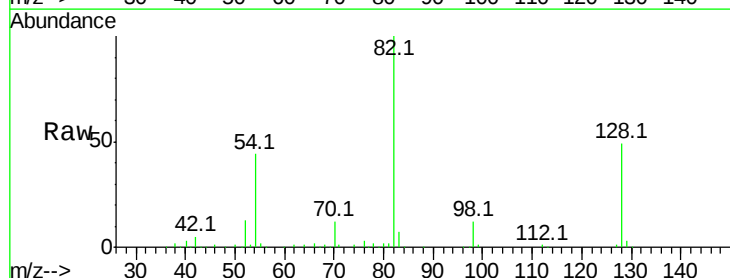
Instrument :
BNA_F
ClientSampleId :

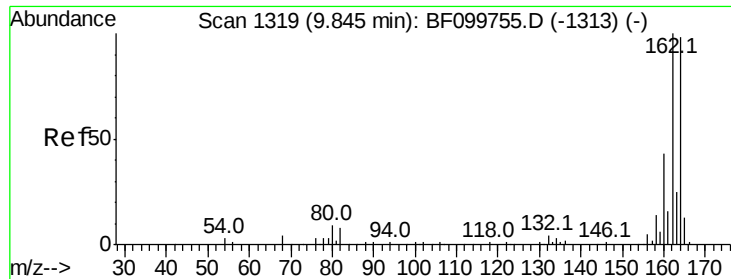
Tot Ion: 82 Resp: 381832
Ion Ratio Lower Upper
82 100
128 49.5 36.1 54.1
54 44.1 41.4 62.2



#25
Isophorone
Concen: 37.400 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion: 82 Resp: 381832
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

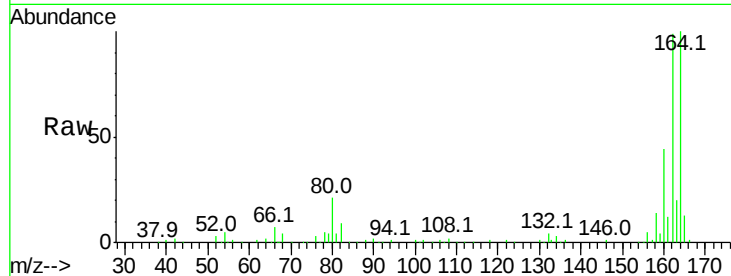




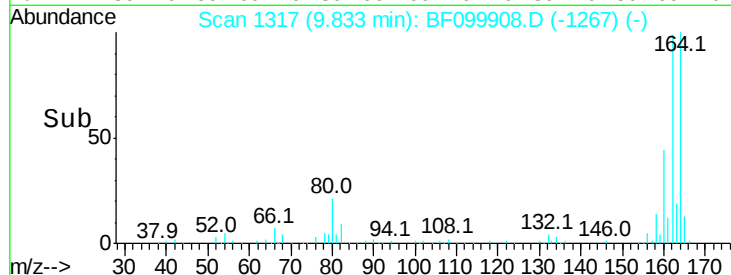
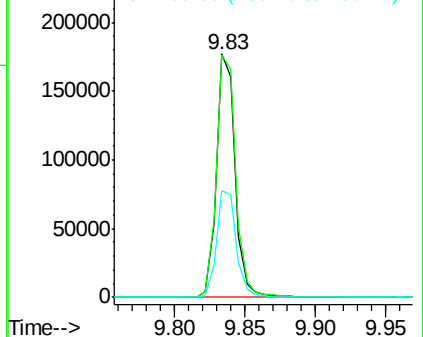
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 162124
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 43.9 38.3 57.5

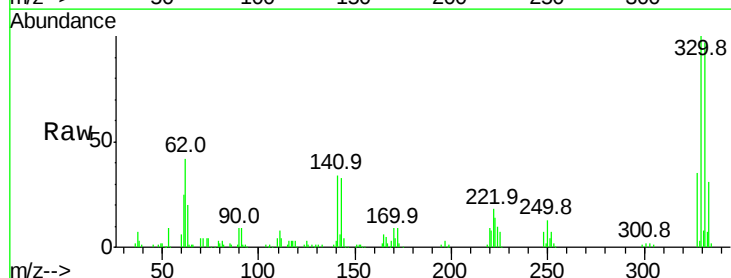


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

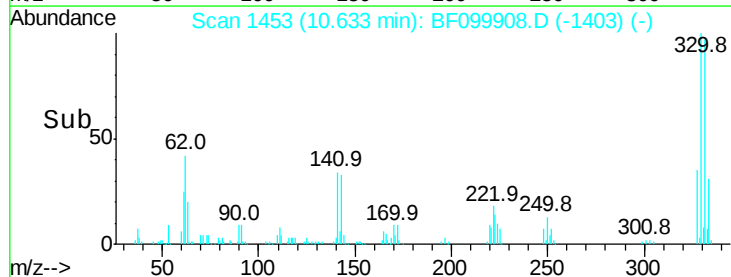
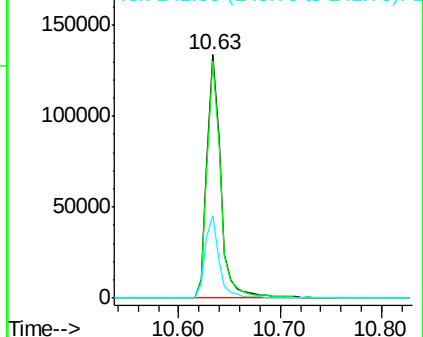


#41
2,4,6-Tribromophenol
Concen: 86.310 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:330 Resp: 127520
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 34.0 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

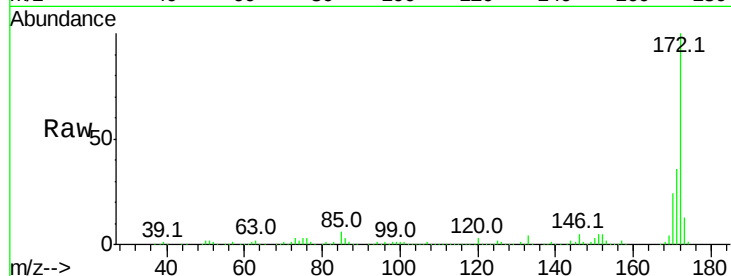




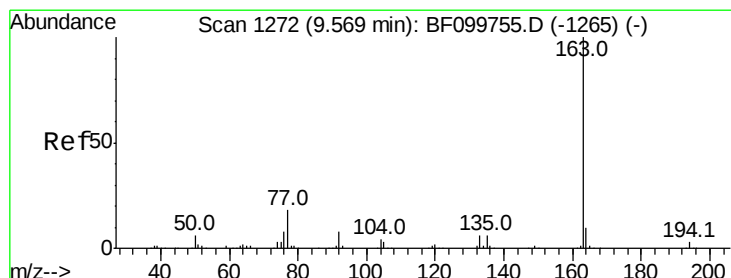
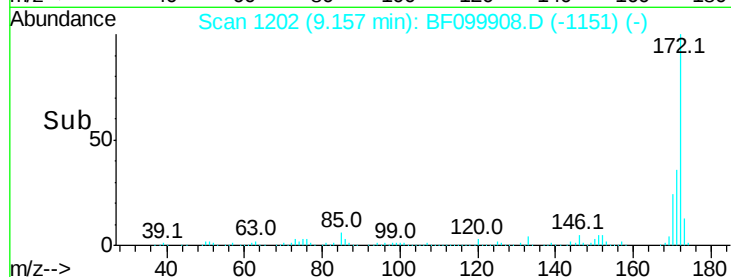
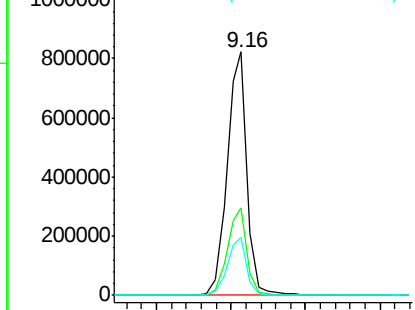
#44
 2-Fluorobiphenyl
 Concen: 72.991 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

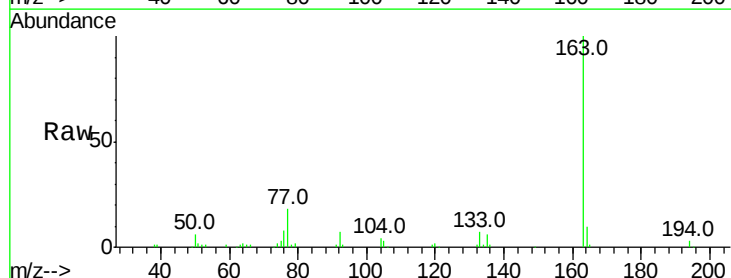


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

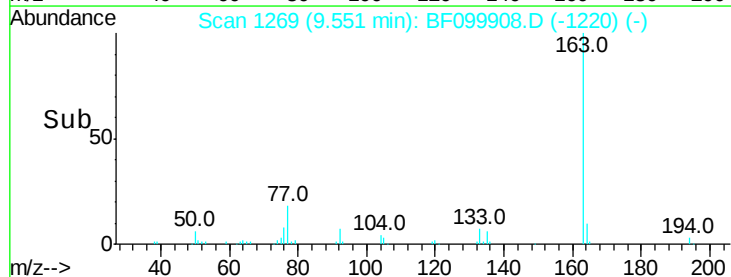
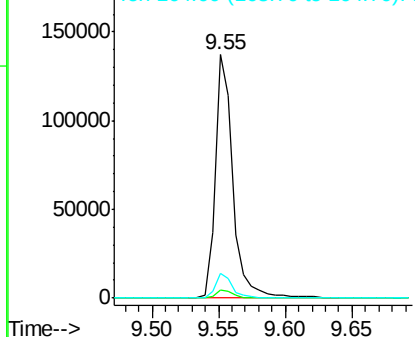


#49
 Dimethylphthalate
 Concen: 9.927 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	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

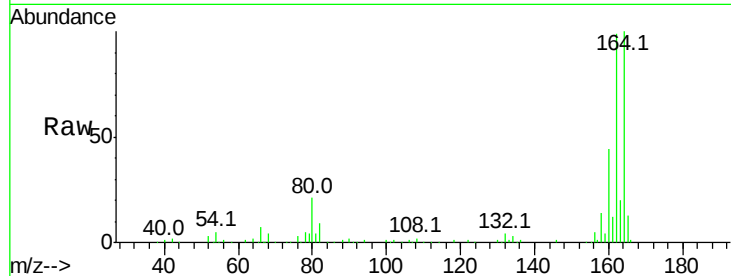




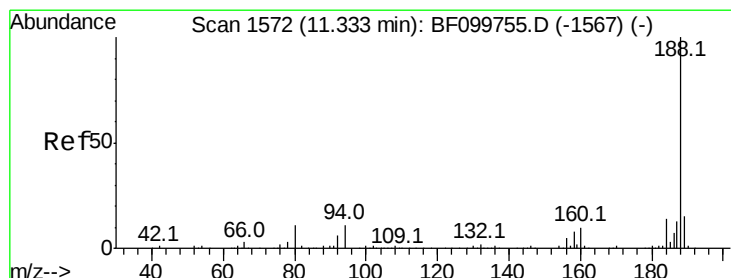
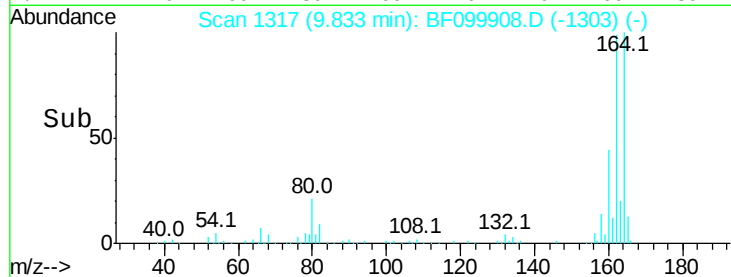
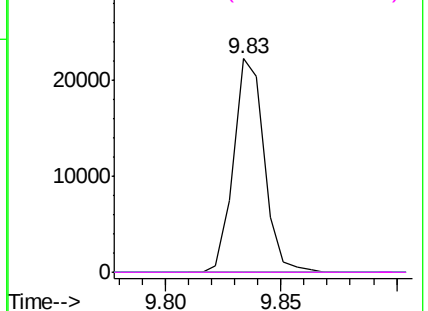
#56
 2,4-Dinitrotoluene
 Concen: 6.350 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20641
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

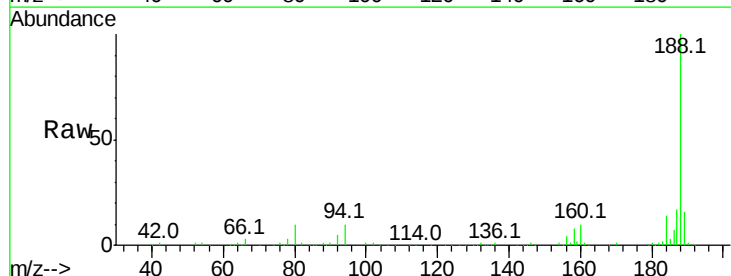


Abundance Ion 165.00 (164.70 to 165.70): E

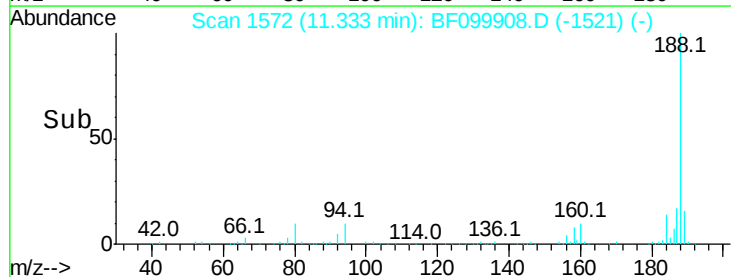
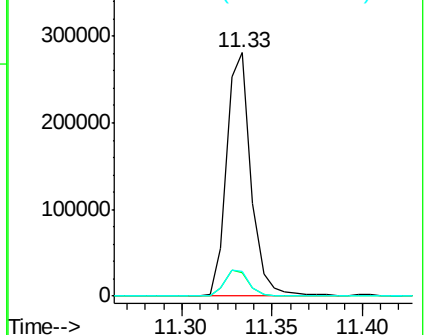


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Tgt Ion:188 Resp: 263186
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

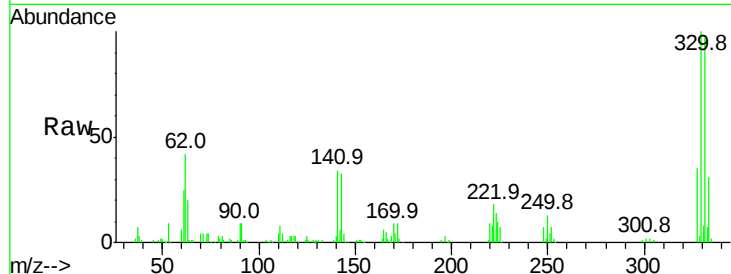




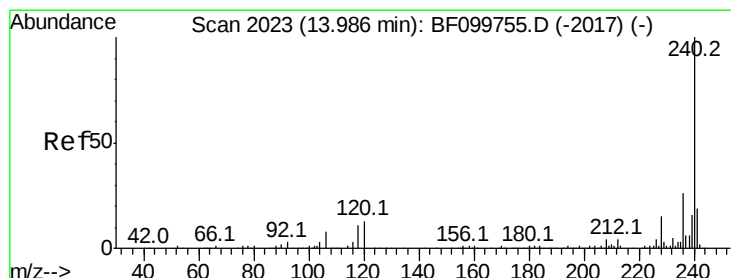
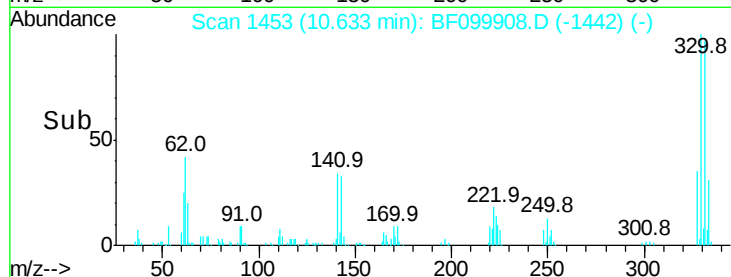
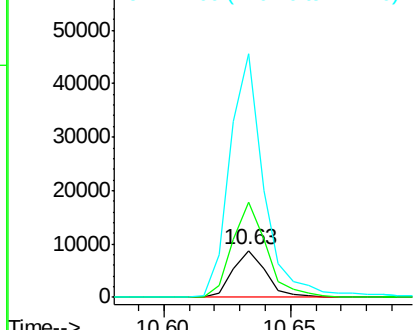
#66
4-Bromophenyl-phenylether
Concen: 2.897 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8027
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 519.2 74.4 111.6#

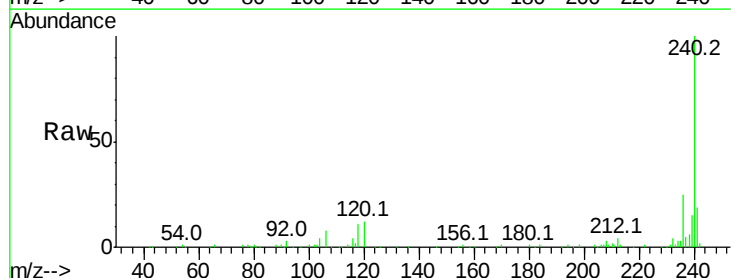


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

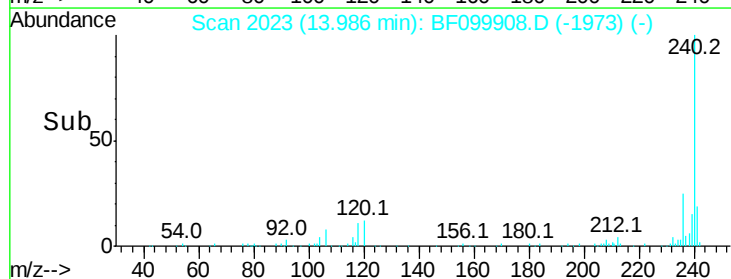
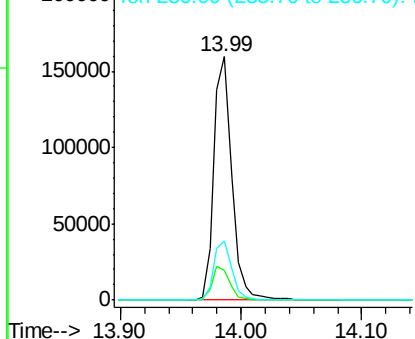


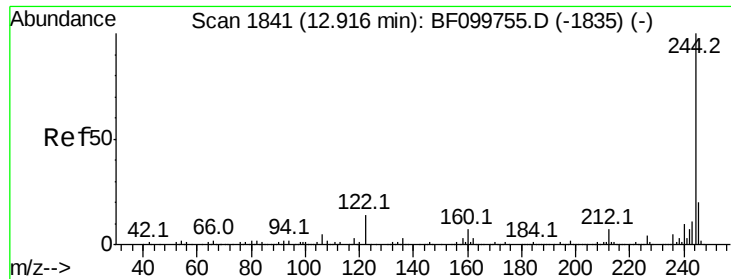
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:240 Resp: 161717
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.6 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

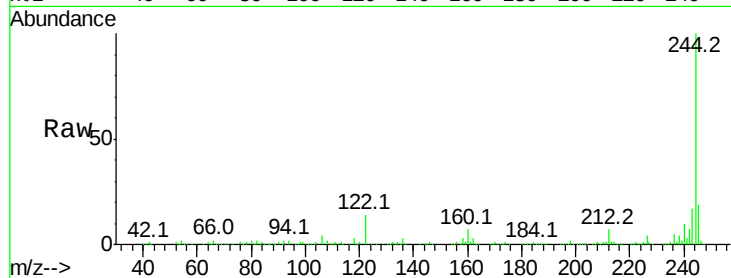




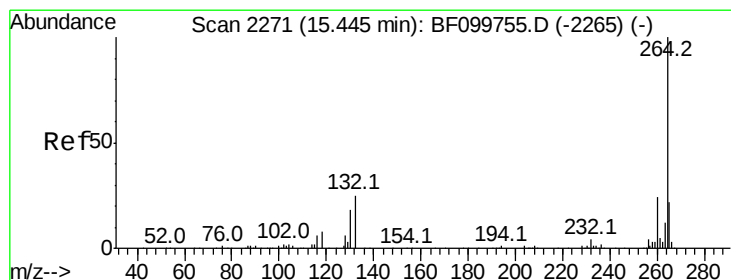
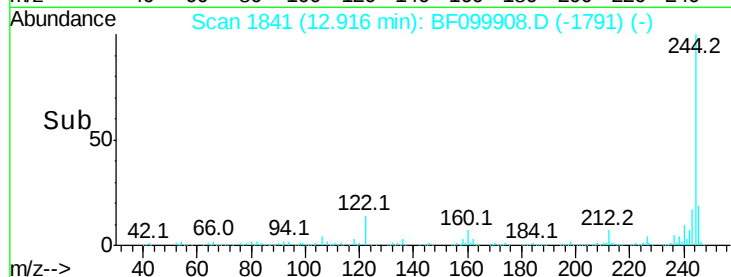
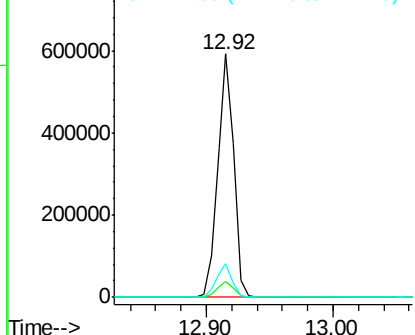
#78
 Terphenyl-d14
 Concen: 71.397 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 528338
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.7 11.0 16.4

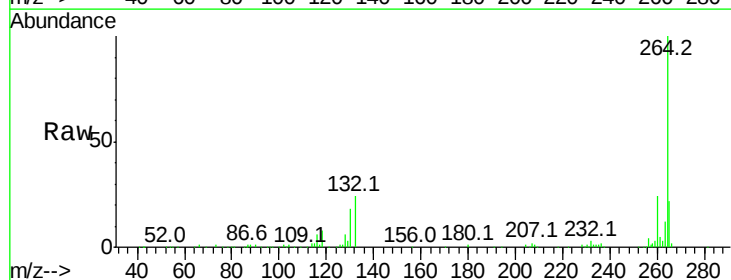


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099908.D
 Acq: 28 Oct 2017 6:33

Tgt Ion:264 Resp: 168095
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 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

