

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099550.D
 Acq On : 16 Oct 2017 18:07
 Operator : SJ/JU
 Sample : I5813-01RE 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 19:16:04 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

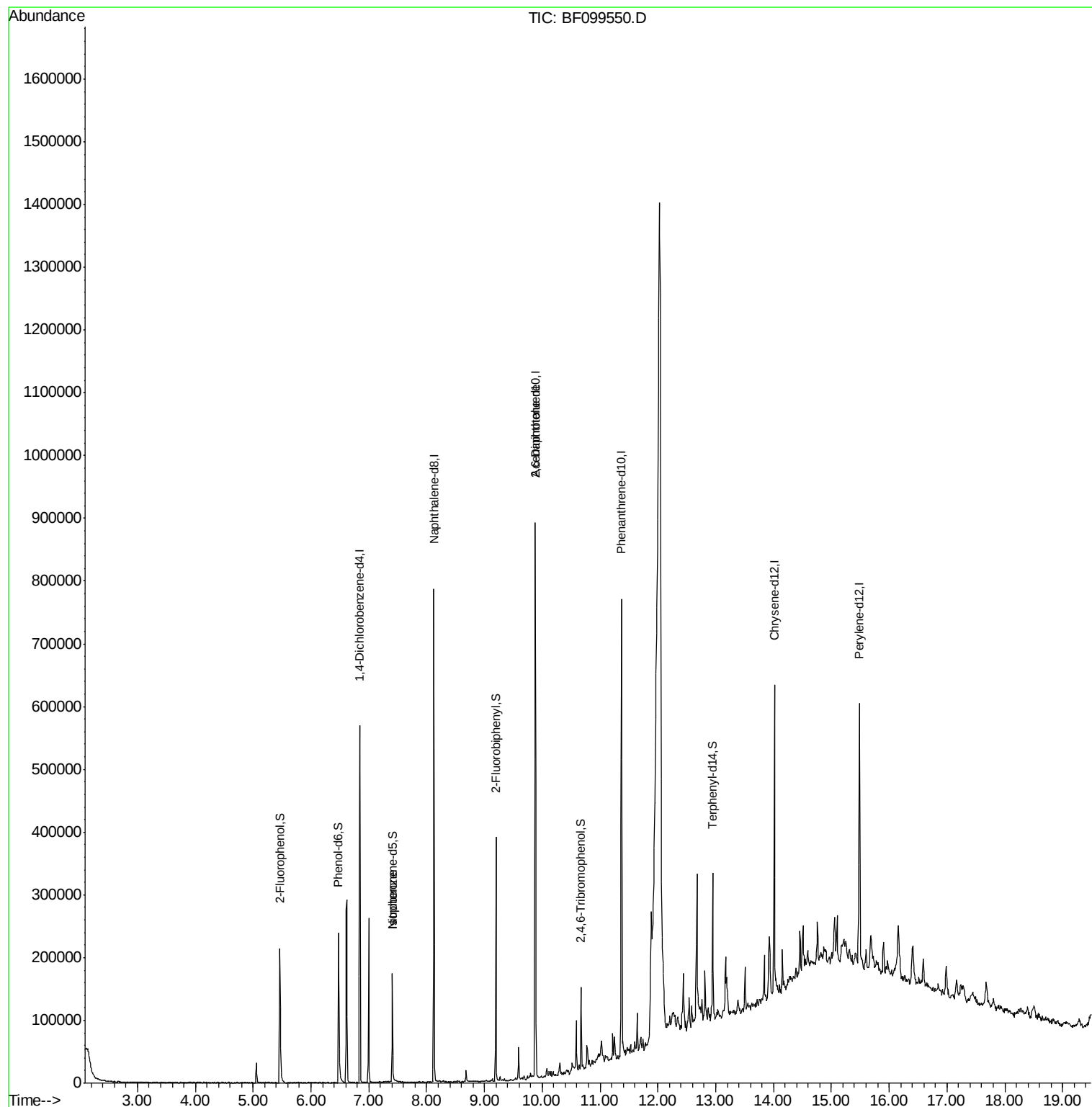
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	92021	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	368662	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	157523	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	237163	20.00	ng	0.00
75) Chrysene-d12	14.02	240	163227	20.00	ng	0.00
86) Perylene-d12	15.49	264	176481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	79355	13.73	ng	0.00
7) Phenol-d6	6.47	99	97468	13.67	ng	-0.01
23) Nitrobenzene-d5	7.40	82	53285	9.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	12854	9.97	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	111973	11.87	ng	-0.01
78) Terphenyl-d14	12.95	244	65129	9.07	ng	0.00
Target Compounds						
25) Isophorone	7.40	82	53284	4.483	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	20322	7.851	ng	# 25

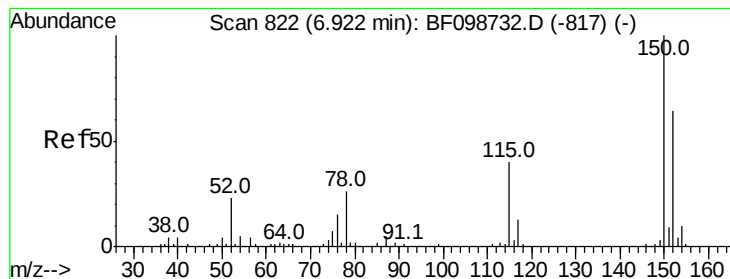
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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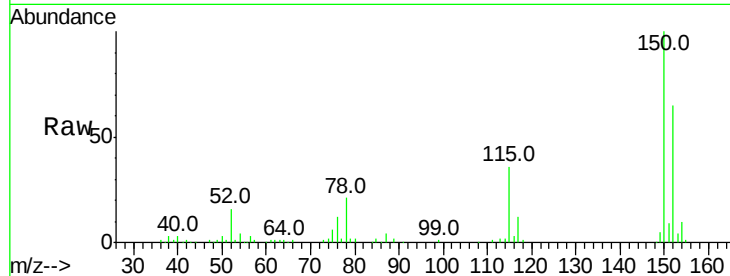


#1

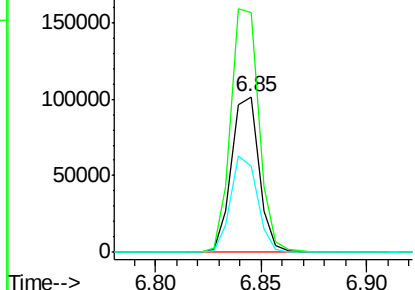
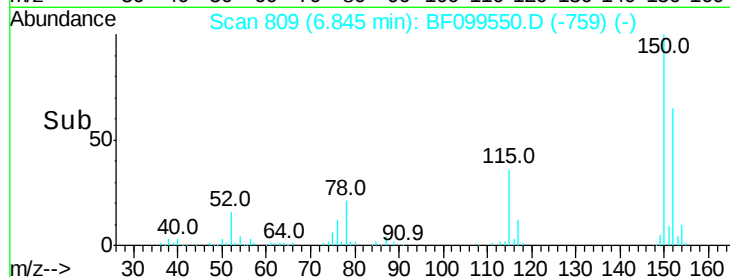
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92021
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 55.6 50.1 75.1



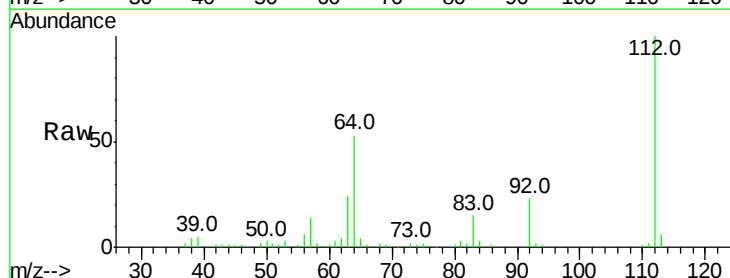
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



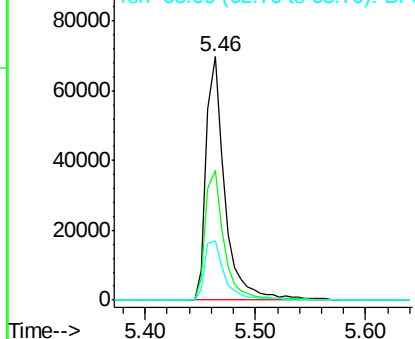
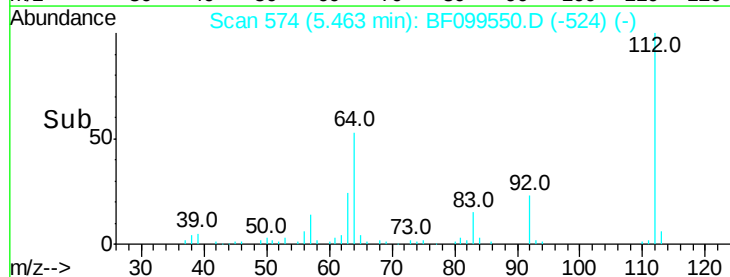
#5

2-Fluorophenol
Concen: 13.728 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Tgt Ion:112 Resp: 79355
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 24.3 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: 13.668 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

Instrument :

BNA_F

ClientSampleId :

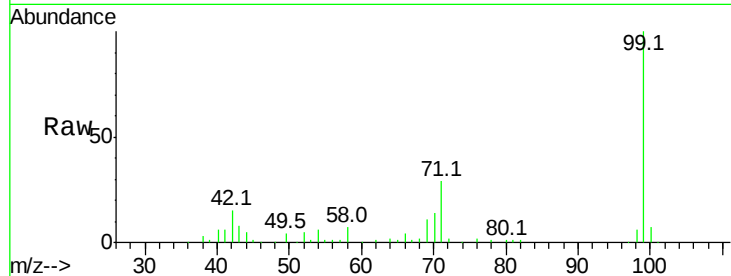
Tot Ion: 99 Resp: 97468

Ion Ratio Lower Upper

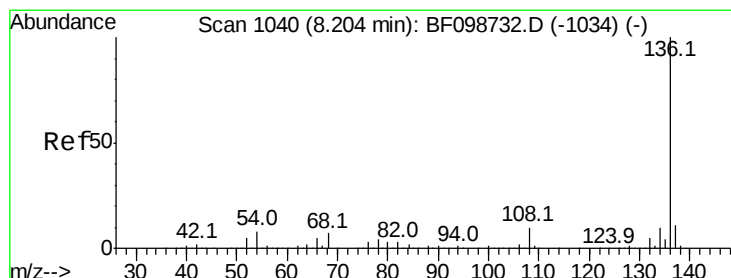
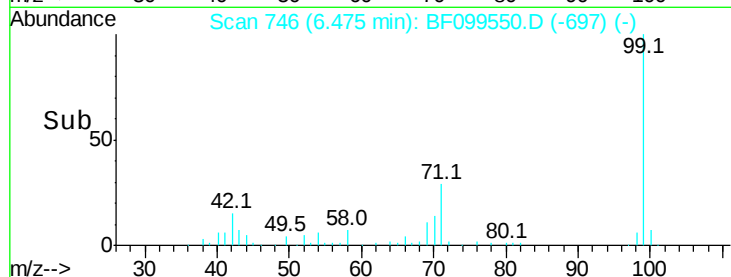
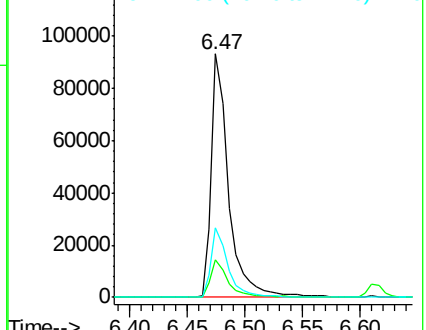
99 100

42 15.3 14.5 21.7

71 28.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

Tgt Ion: 136 Resp: 368662

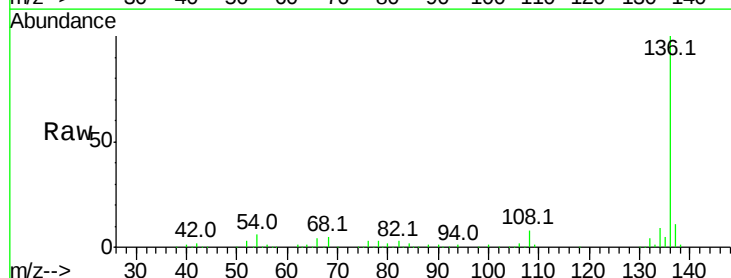
Ion Ratio Lower Upper

136 100

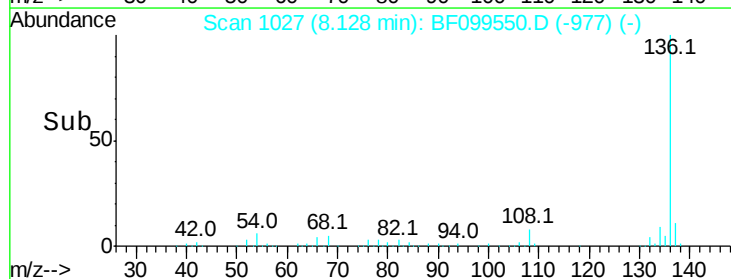
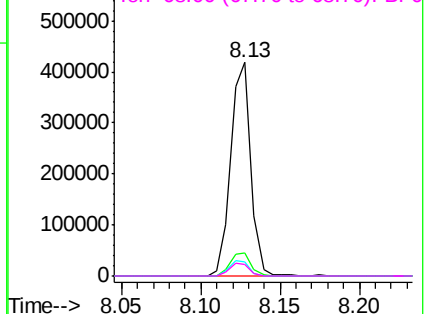
137 10.9 8.9 13.3

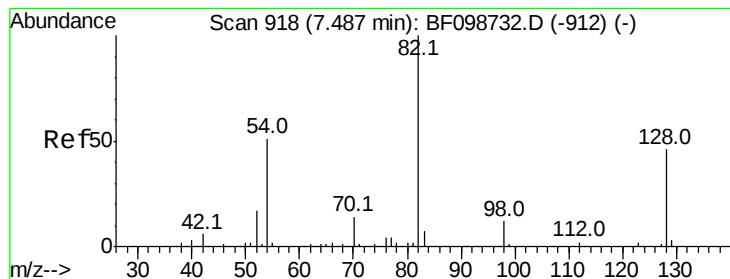
54 6.4 6.6 9.8#

68 5.4 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: 9.269 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

Instrument :

BNA_F

ClientSampled :

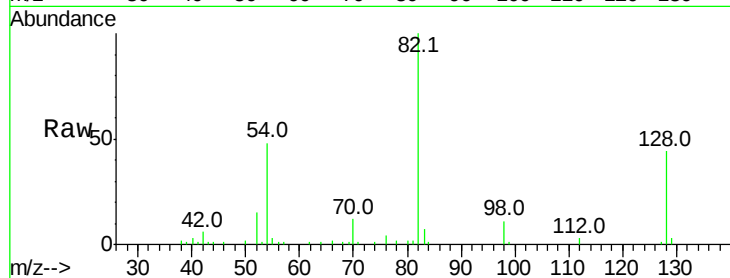
Tot Ion: 82 Resp: 53285

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

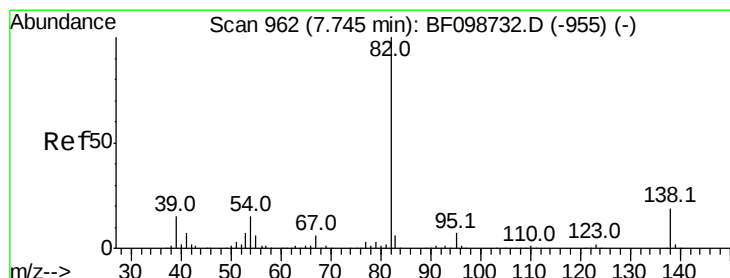
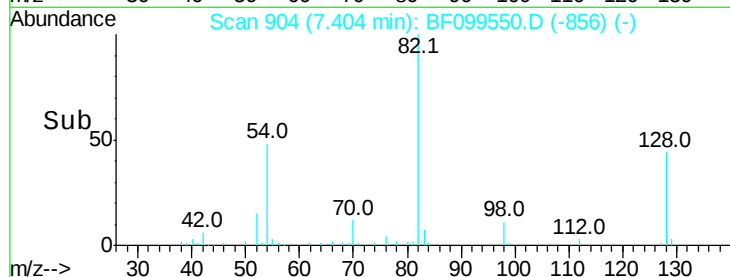
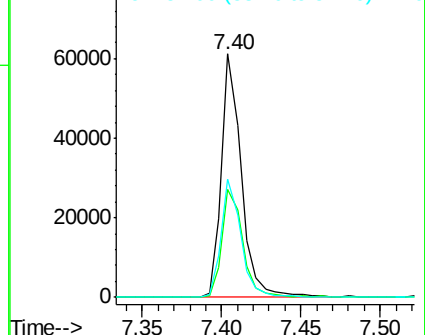
54 48.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 4.483 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

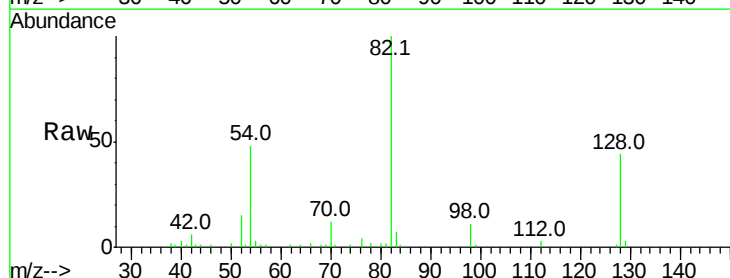
Tgt Ion: 82 Resp: 53284

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

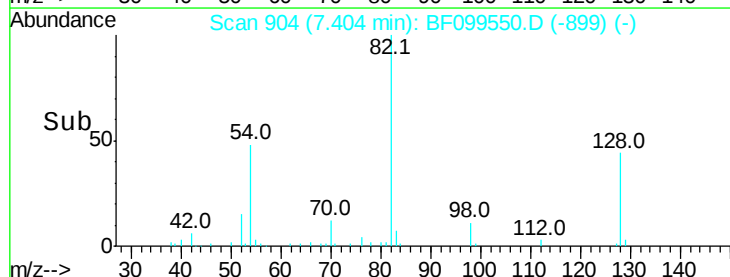
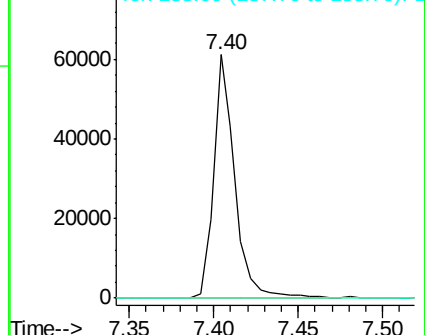
138 0.0 14.9 22.3#

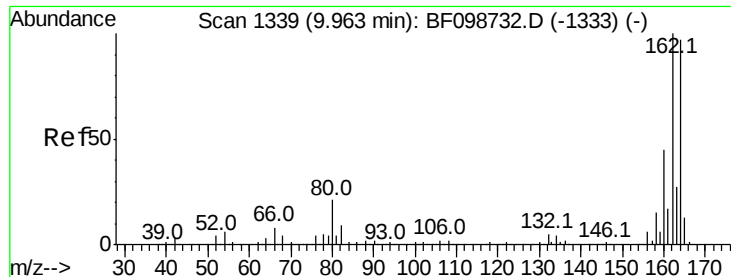


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

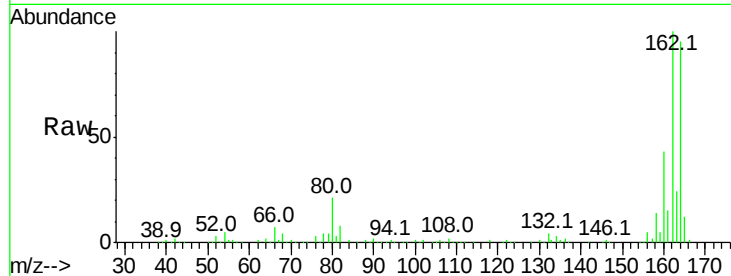




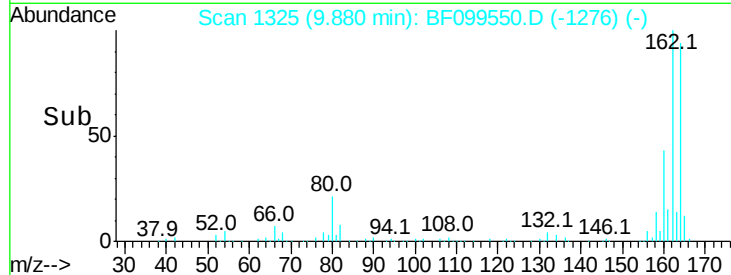
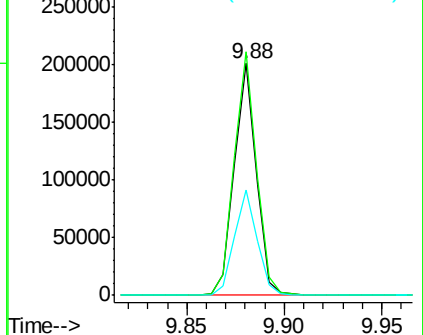
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 157523
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 45.6 38.3 57.5

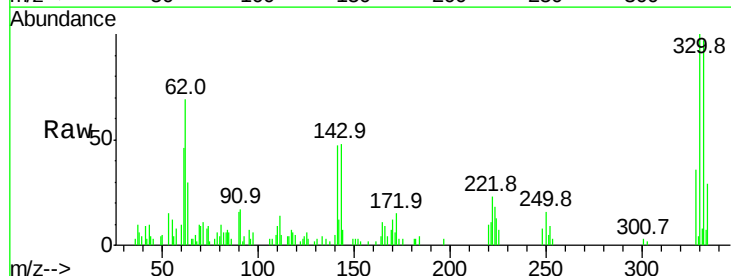


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

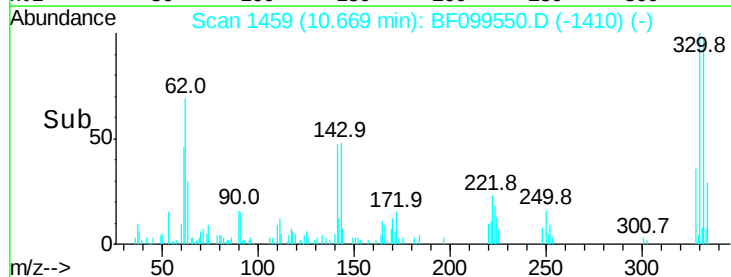
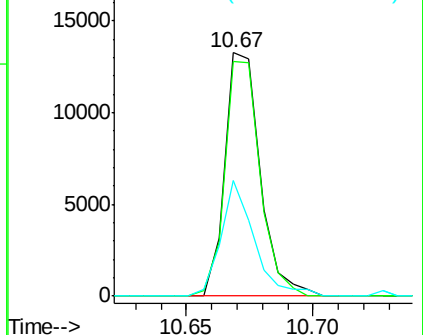


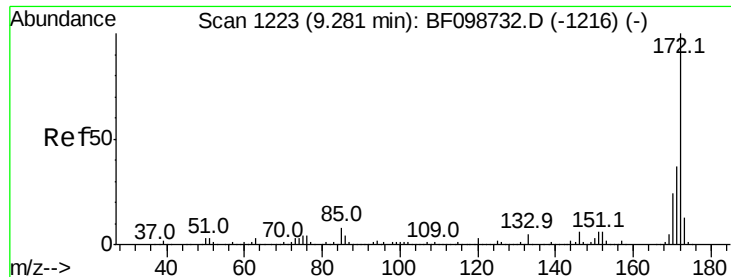
#41
2,4,6-Tribromophenol
Concen: 9.972 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Tgt Ion:330 Resp: 12854
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 44.8 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

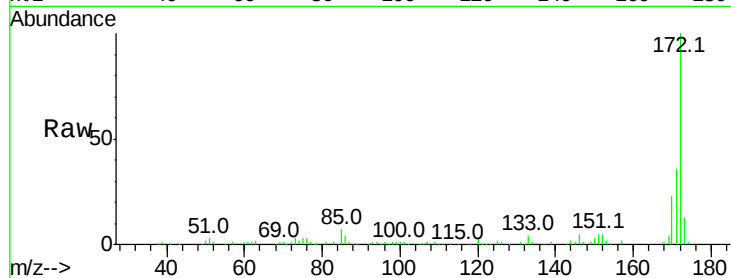




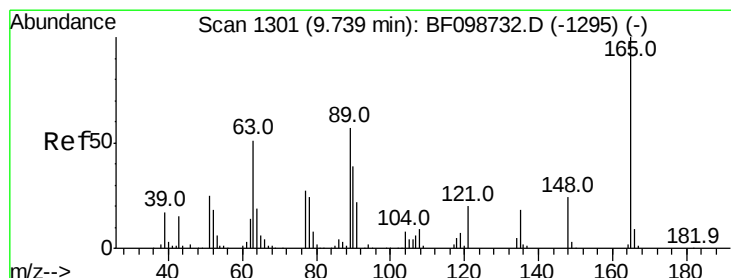
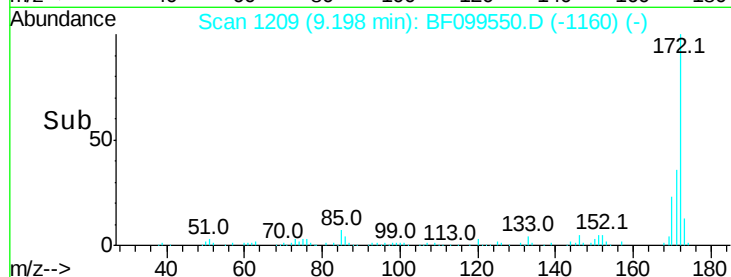
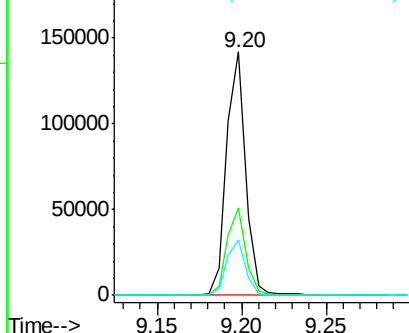
#44
 2-Fluorobiphenyl
 Concen: 11.867 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.8	19.6	29.4

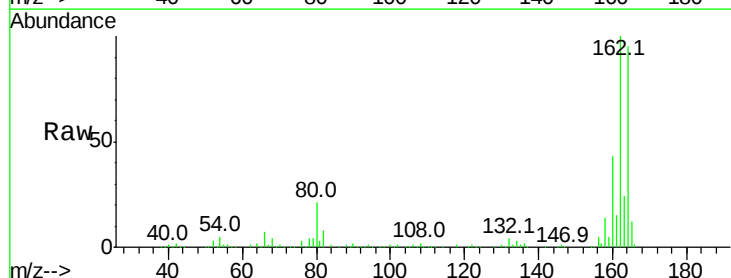


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

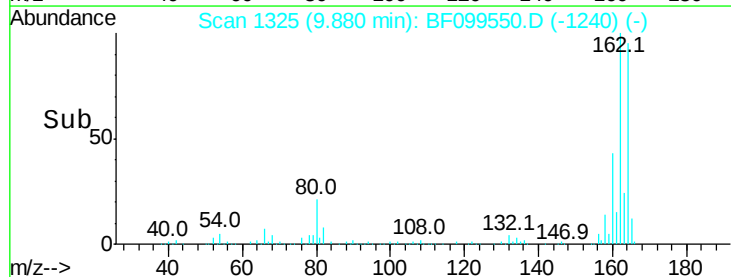
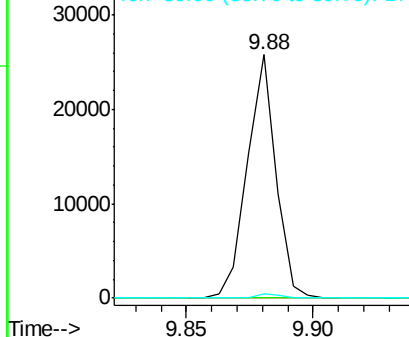


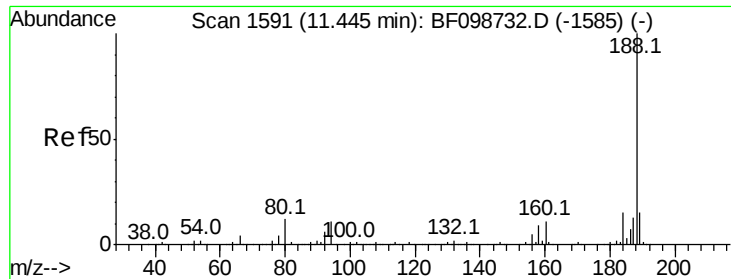
#50
 2,6-Dinitrotoluene
 Concen: 7.851 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	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

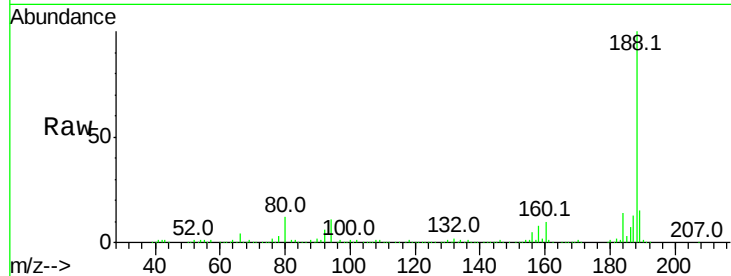




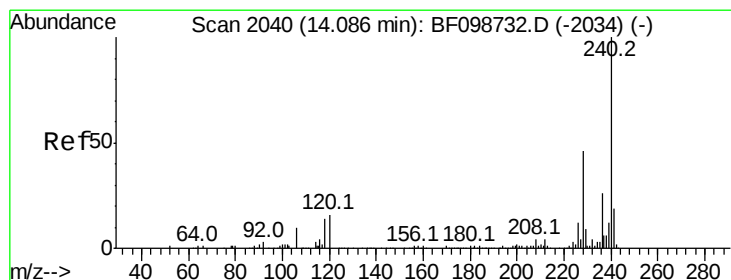
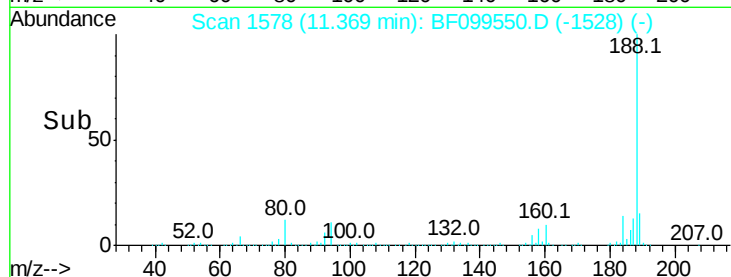
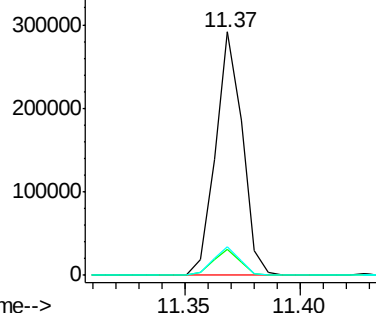
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 237163
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8

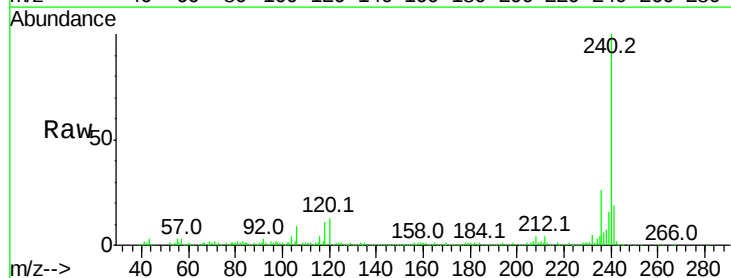


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

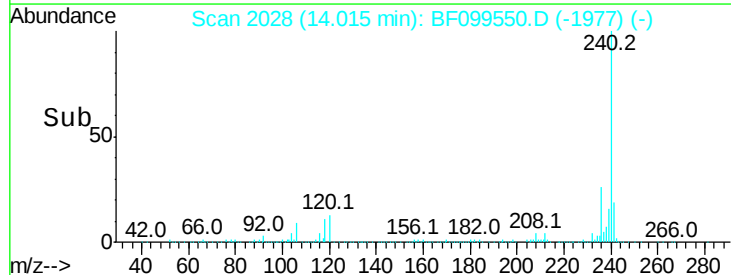
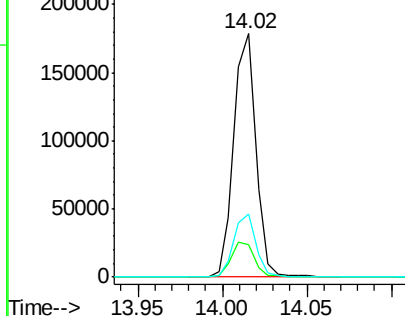


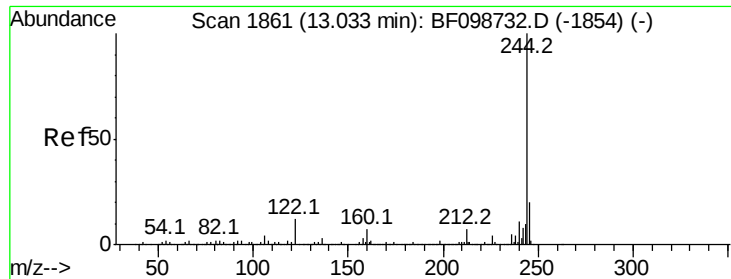
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Tgt Ion:240 Resp: 163227
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.1 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: 9.074 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

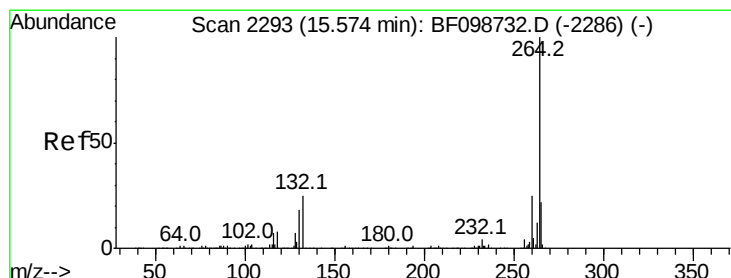
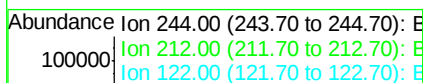
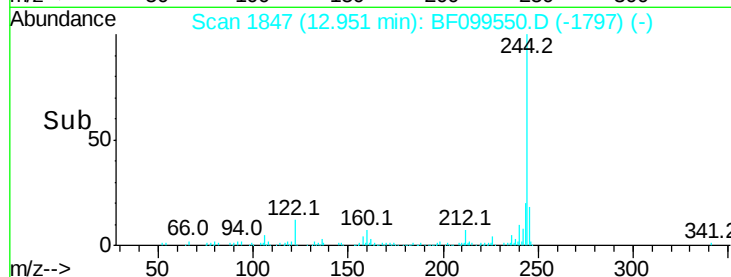
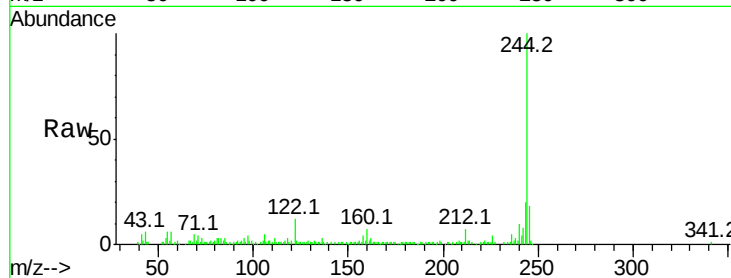
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 65129

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

Tgt Ion:264 Resp: 176481

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

