

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

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Quant Time: Oct 16 19:21:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 19:21:03 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	0.00
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	-0.01
41) 2,4,6-Tribromophenol	10.67	330	12854	9.97	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	111973	11.87	ng	0.00
78) Terphenyl-d14	12.95	244	65129	9.07	ng	0.00

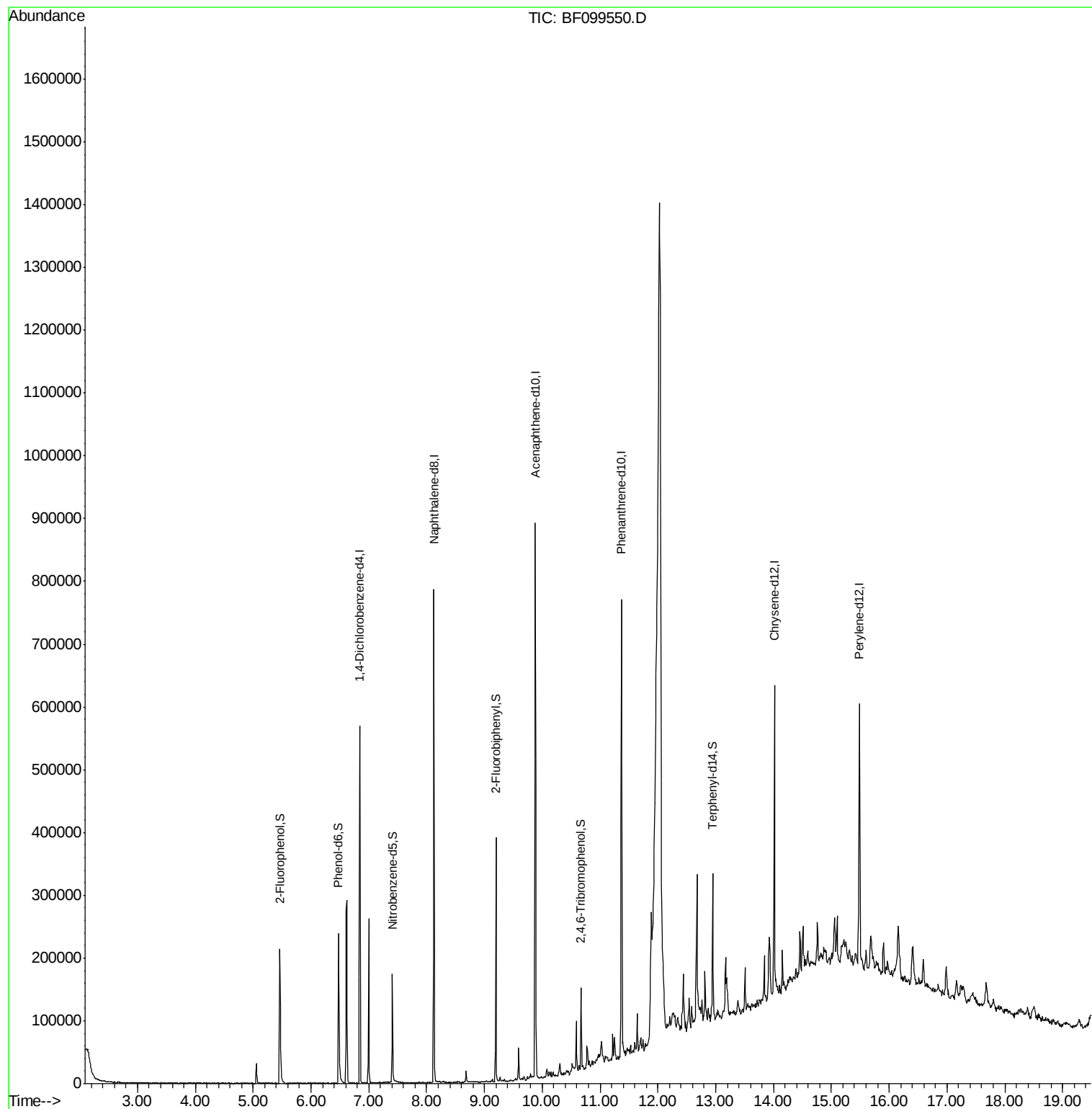
Target Compounds Qvalue

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

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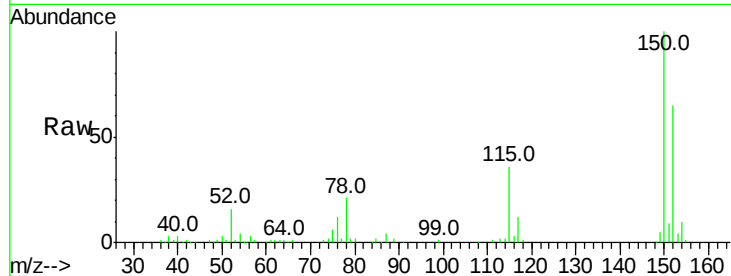


#1

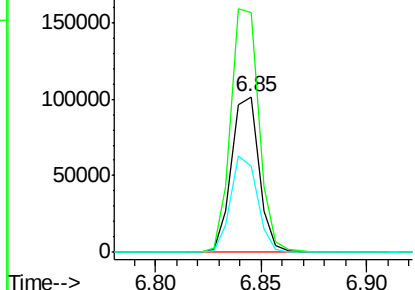
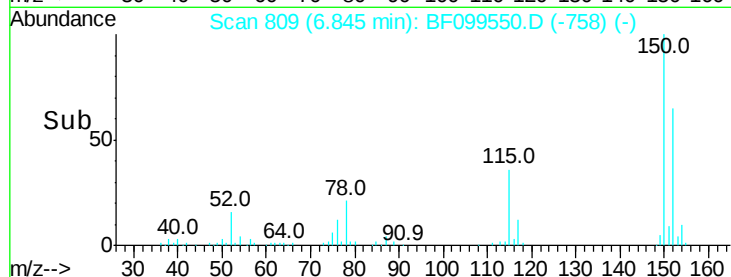
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

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



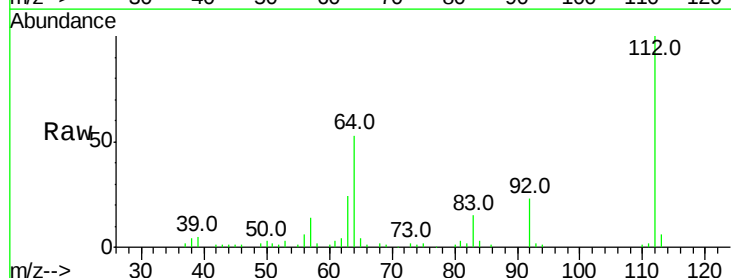
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



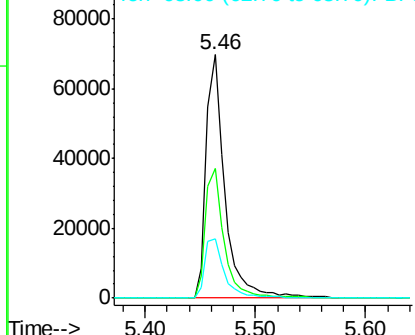
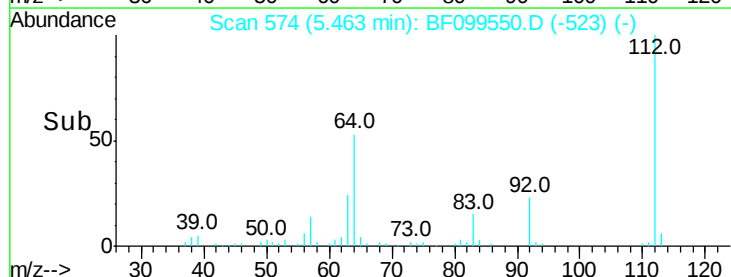
#5

2-Fluorophenol
 Concen: 13.728 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 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 :

OK-03-101117

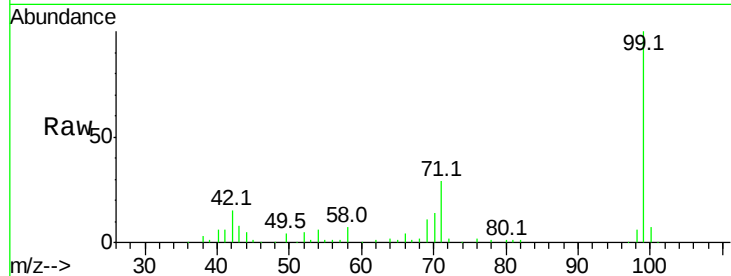
Tot Ion: 99 Resp: 97468

Ion Ratio Lower Upper

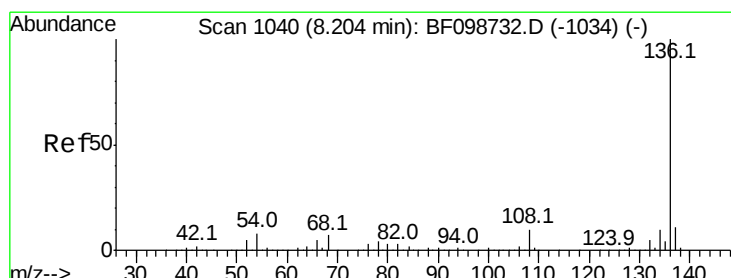
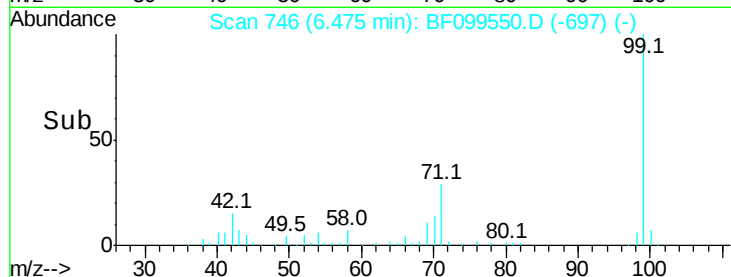
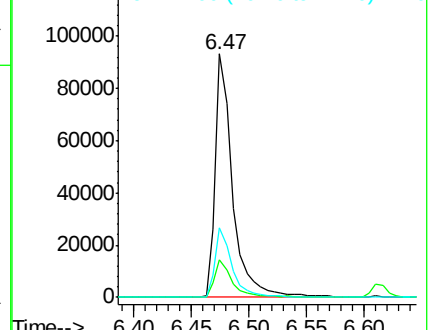
99 100

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. 0.00 min

Lab File: BF099550.D

Acq: 16 Oct 2017 18:07

Tgt Ion: 136 Resp: 368662

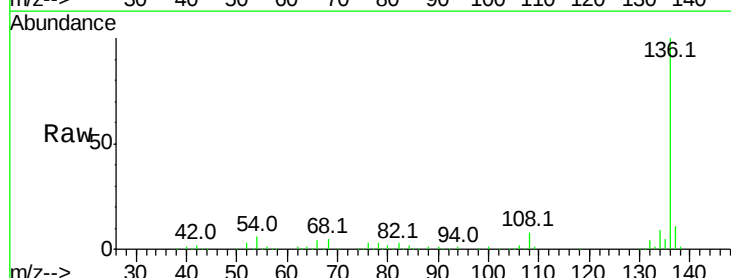
Ion Ratio Lower Upper

136 100

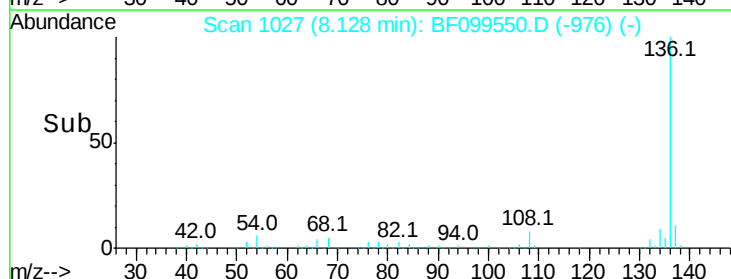
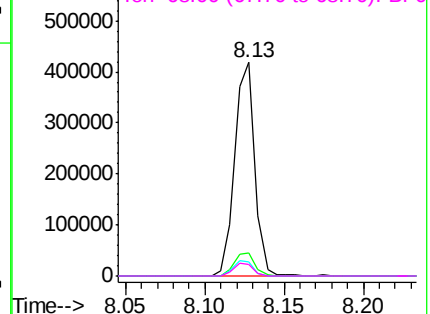
137 10.9 8.9 13.3

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

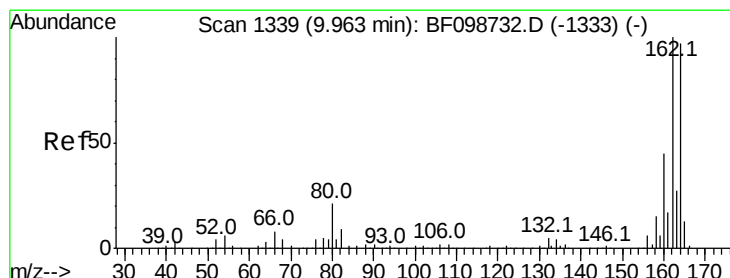
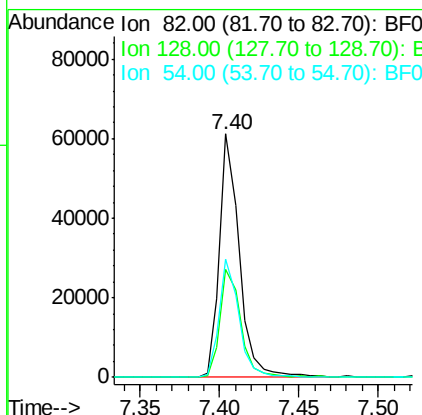
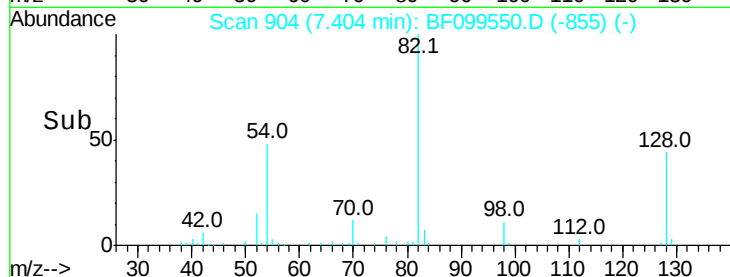
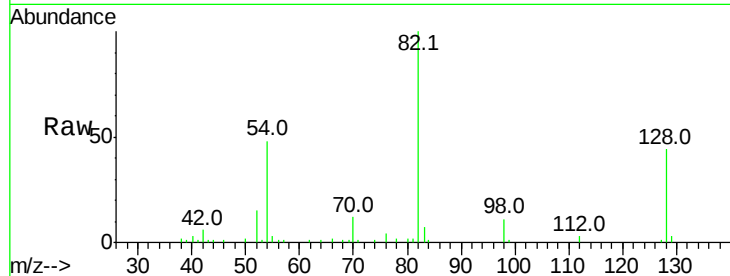




#23
Nitrobenzene-d5
Concen: 9.269 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

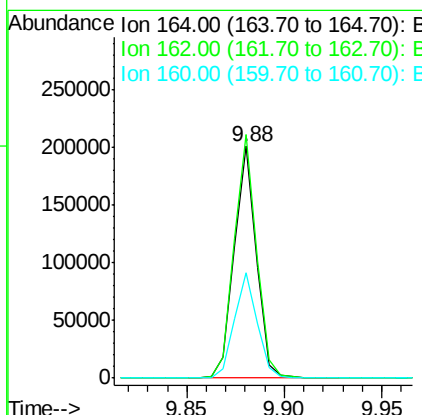
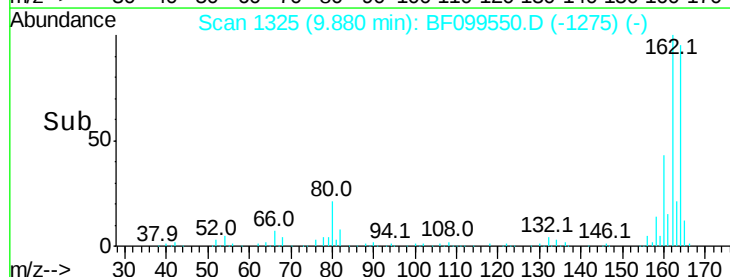
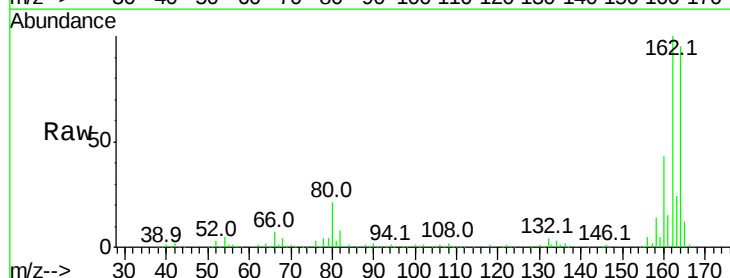
Instrument :
BNA_F
ClientSampleId :
OK-03-101117

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



#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

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

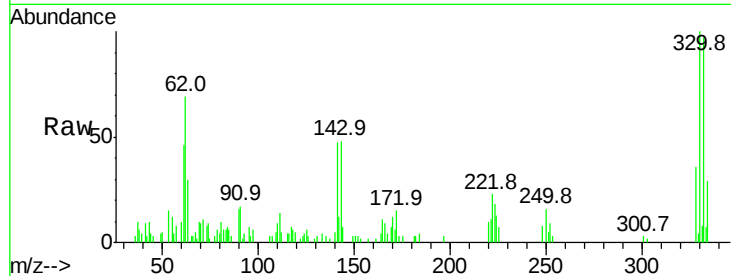




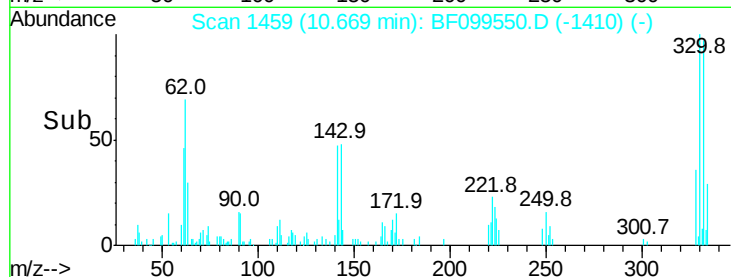
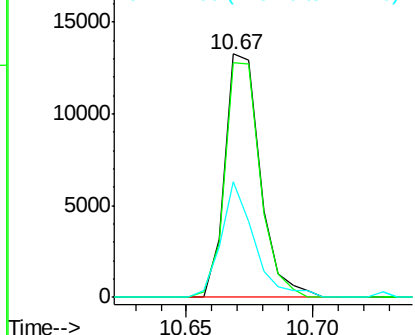
#41
 2,4,6-Tribromophenol
 Concen: 9.972 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	44.8	29.9	44.9

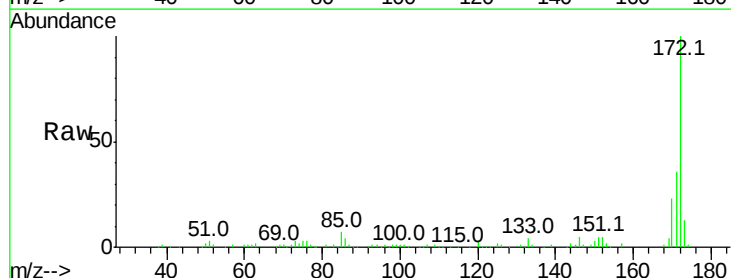


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

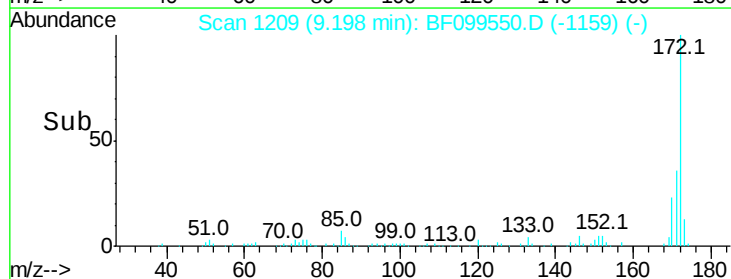
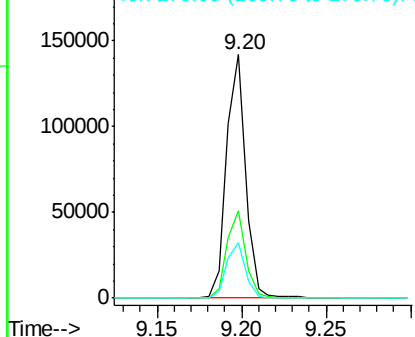


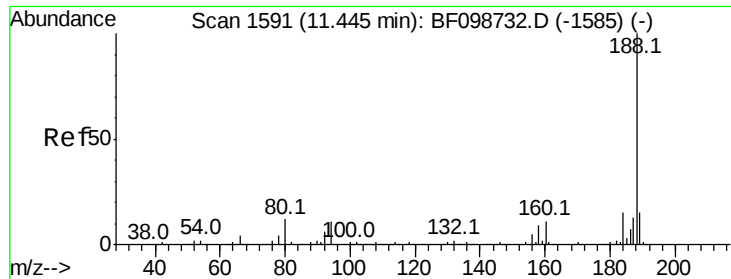
#44
 2-Fluorobiphenyl
 Concen: 11.867 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Tgt 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

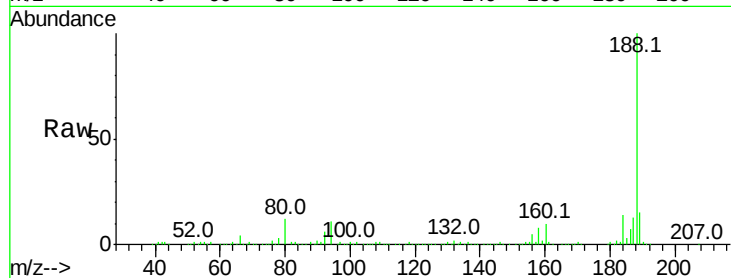




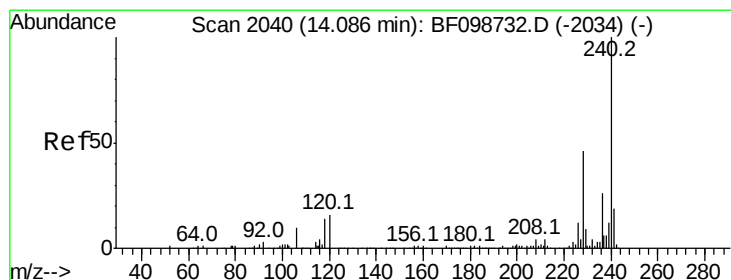
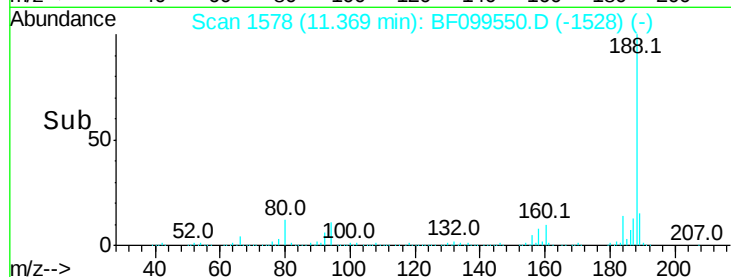
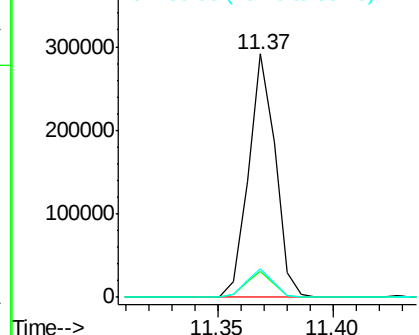
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :
OK-03-101117

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

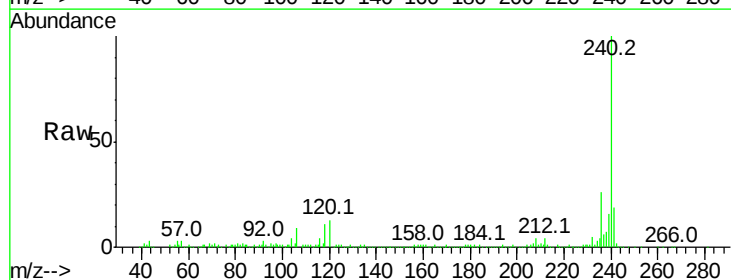


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

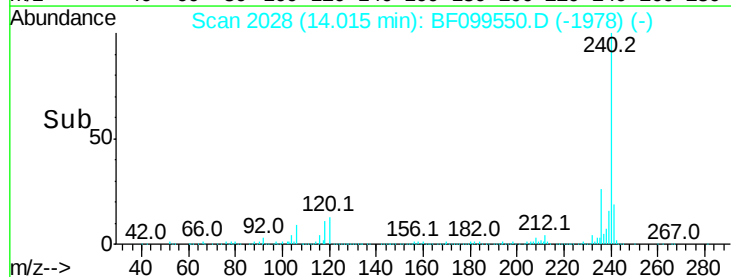
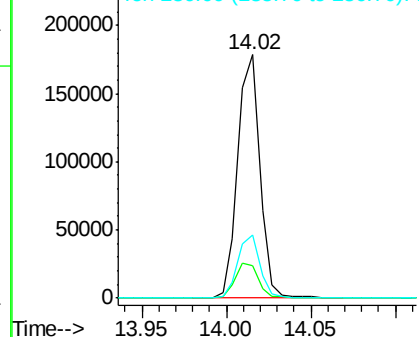


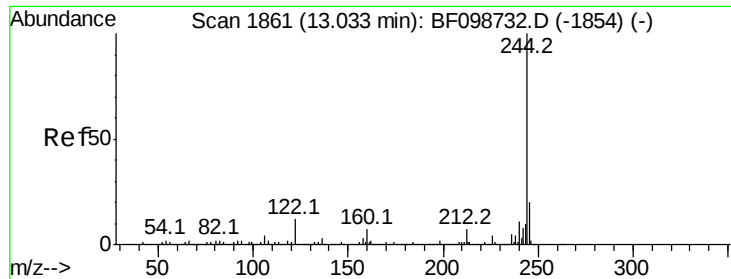
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099550.D
Acq: 16 Oct 2017 18:07

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

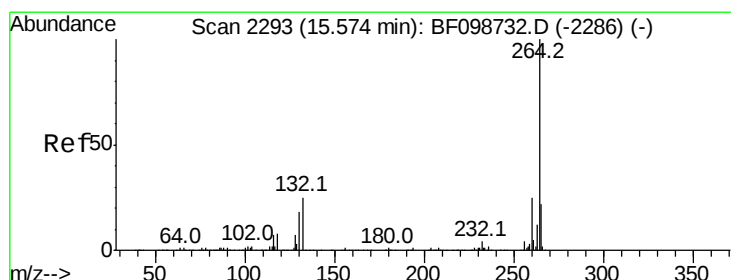
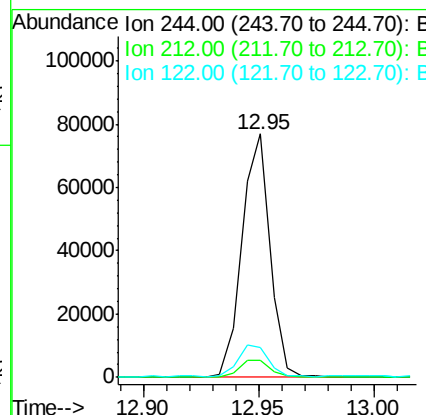
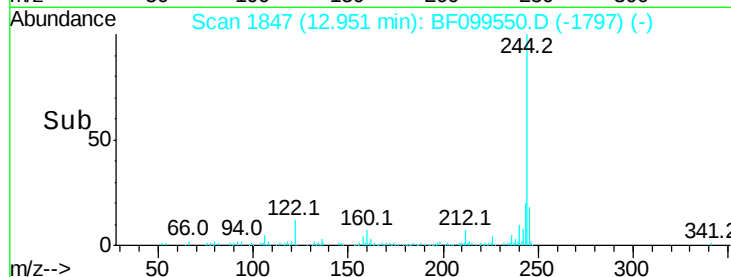
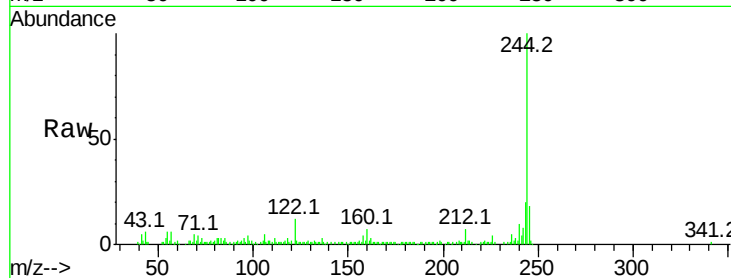




#78
 Terphenyl-d14
 Concen: 9.074 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099550.D
 Acq: 16 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

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

