

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101117.D
 Acq On : 5 Dec 2017 12:00
 Operator : SJ/JU
 Sample : PB104699BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BL

Quant Time: Dec 05 13:17:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50789	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	199832	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97901	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	196052	20.00	ng	0.00
75) Chrysene-d12	14.02	240	141403	20.00	ng	0.00
86) Perylene-d12	15.49	264	109526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	399466	129.97	ng	0.02
7) Phenol-d6	6.49	99	470354	126.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	295840	88.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	144465	122.84	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	656136	91.70	ng	0.00
78) Terphenyl-d14	12.96	244	683954	105.80	ng	0.00

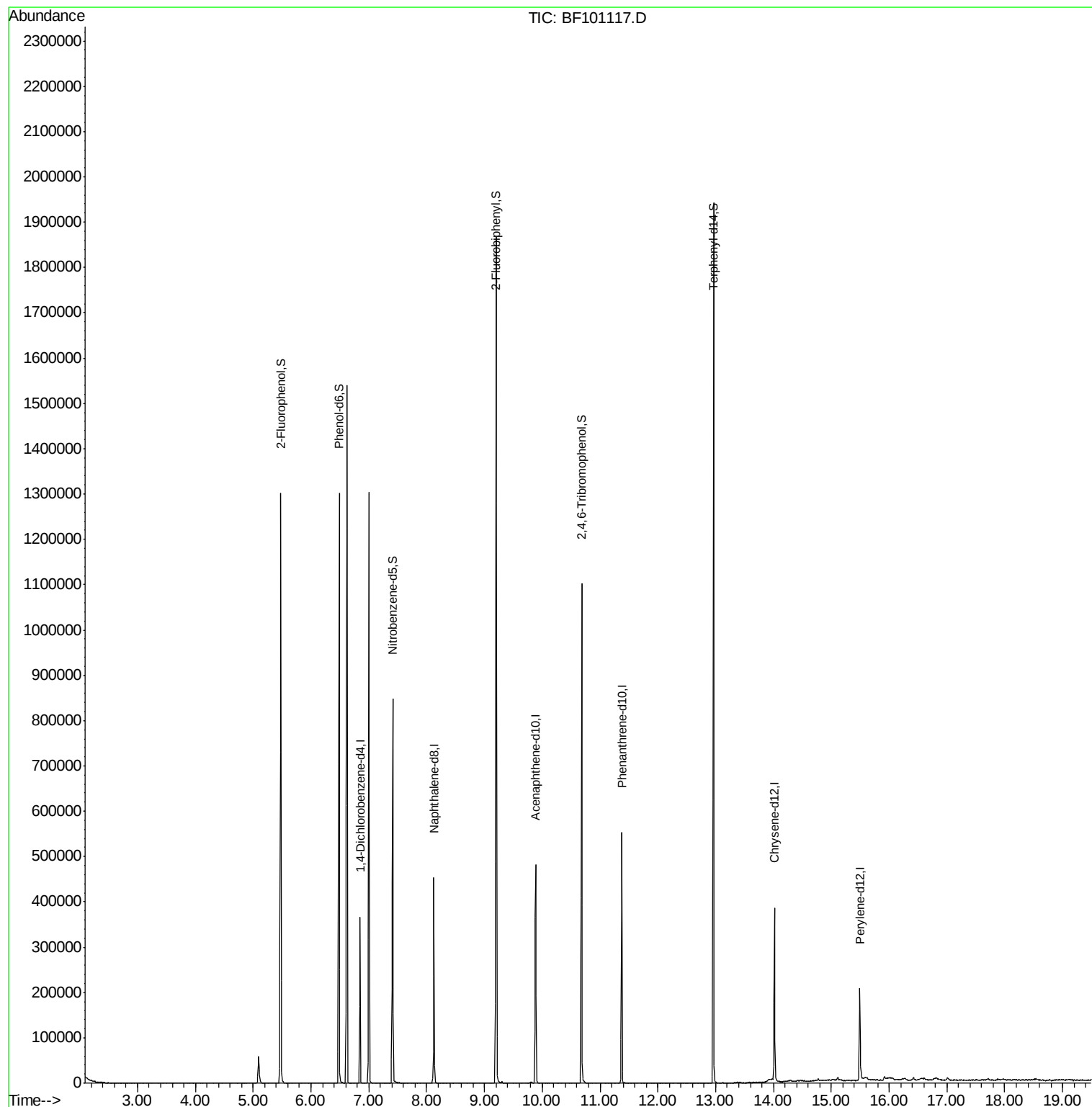
Target Compounds Qvalue

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

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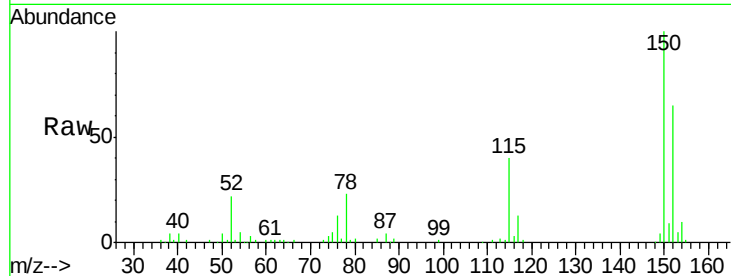


#1

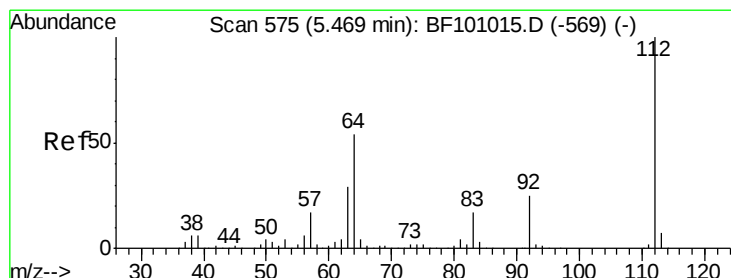
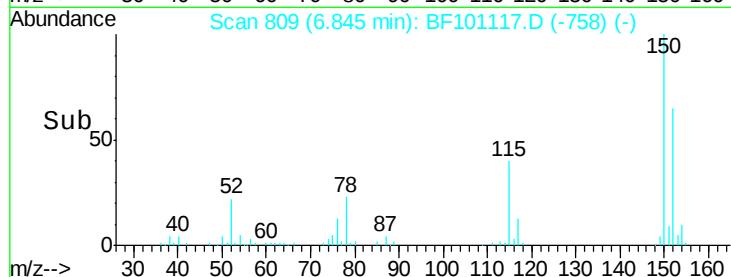
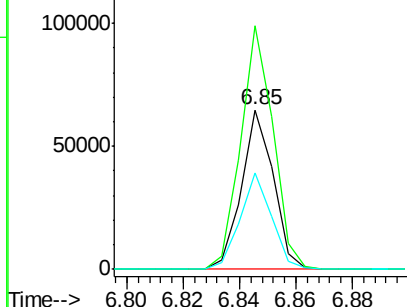
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Instrument :
BNA_F
ClientSampleId :
PB104699BL

Tot Ion:152 Resp: 50789
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 60.7 50.1 75.1



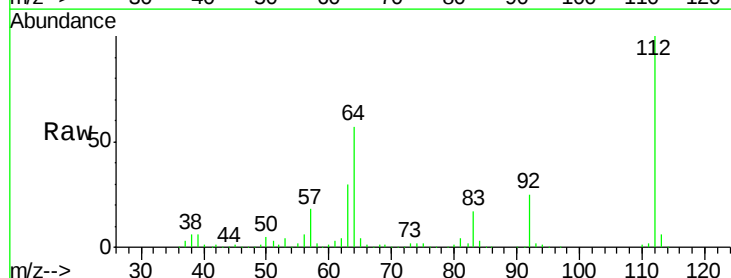
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



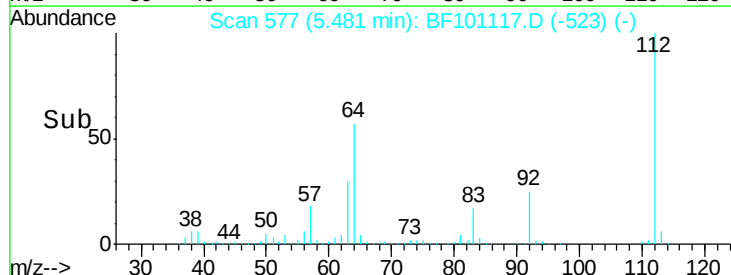
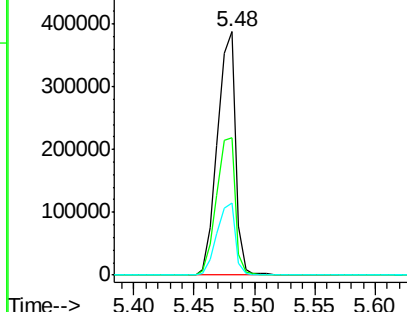
#5

2-Fluorophenol
Concen: 129.968 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion:112 Resp: 399466
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.046 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

Instrument :

BNA_F

ClientSampleId :

PB104699BL

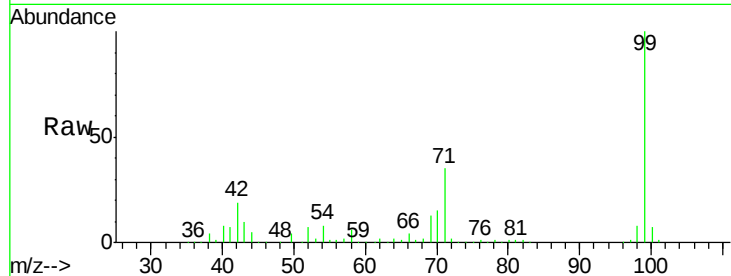
Tot Ion: 99 Resp: 470354

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

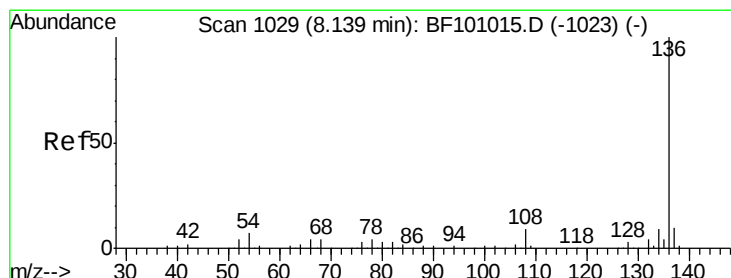
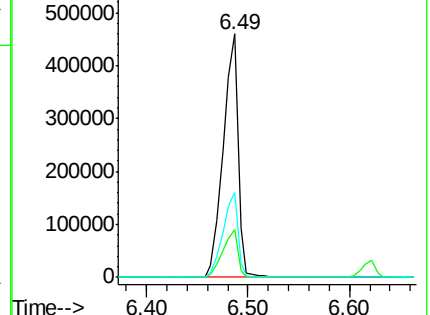
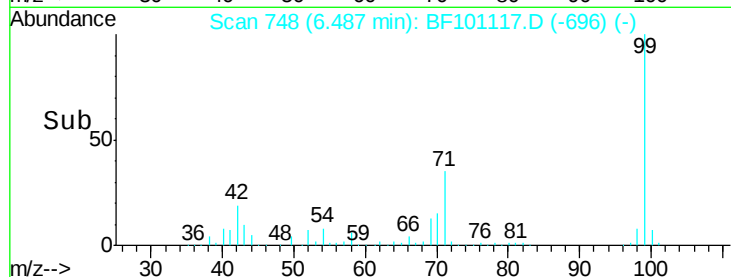
71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

Tgt Ion: 136 Resp: 199832

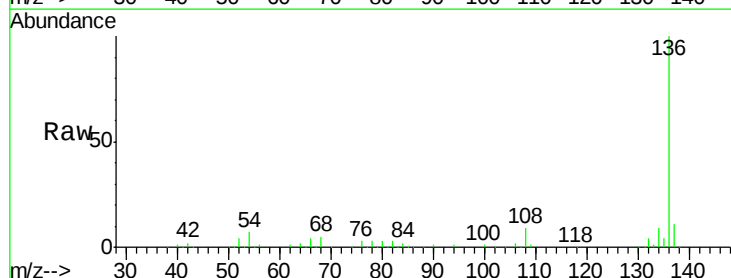
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 4.9 5.0 7.4#

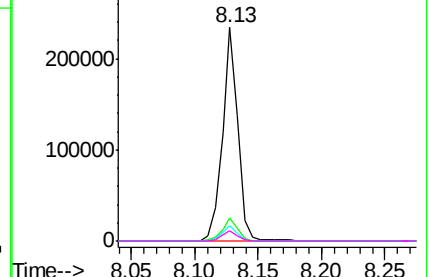
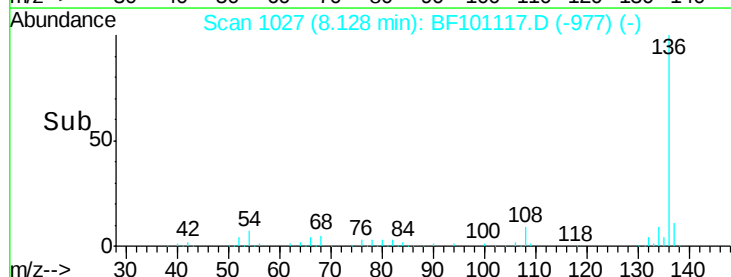


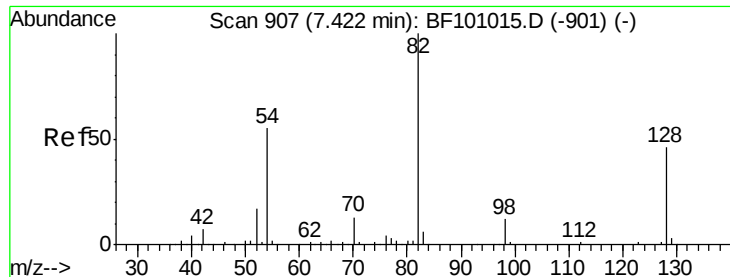
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

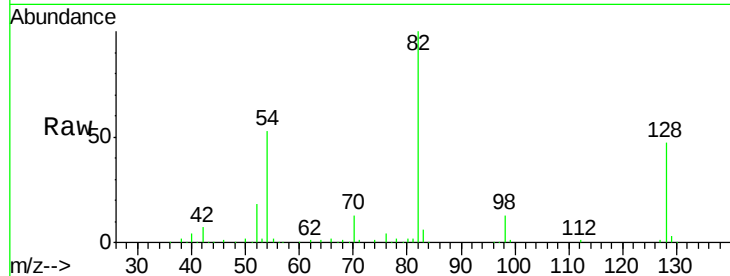




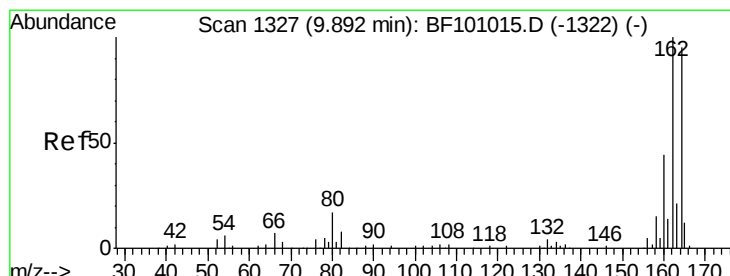
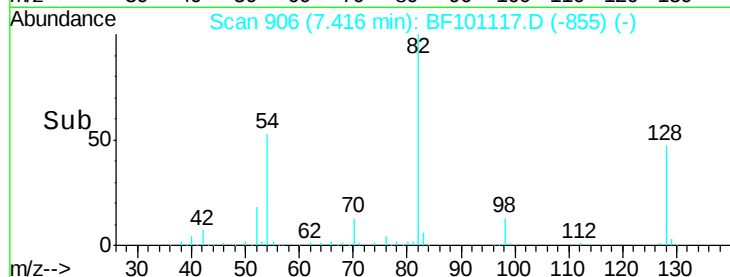
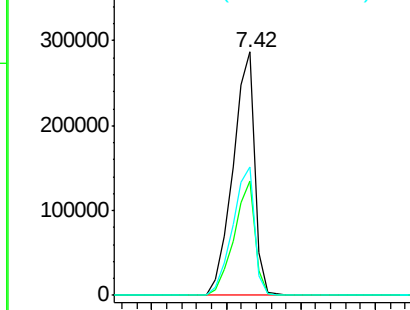
#23
 Nitrobenzene-d5
 Concen: 88.313 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BL

Tot Ion	82	Resp	295840
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	52.9	41.4	62.2

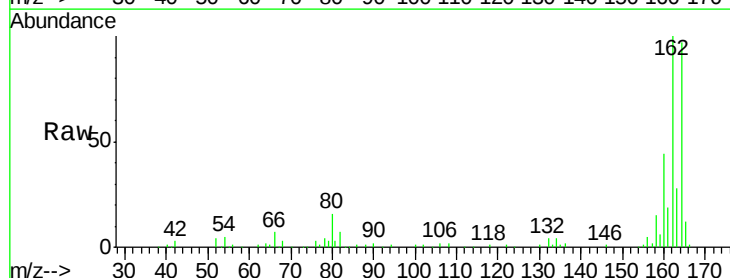


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

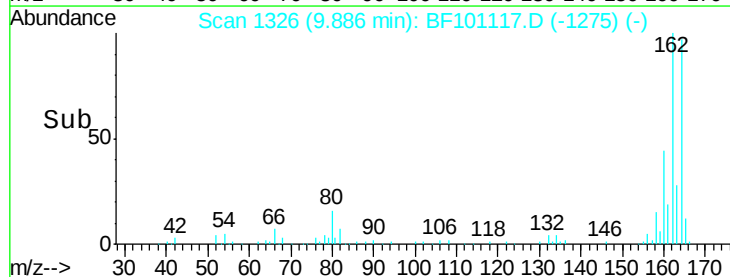
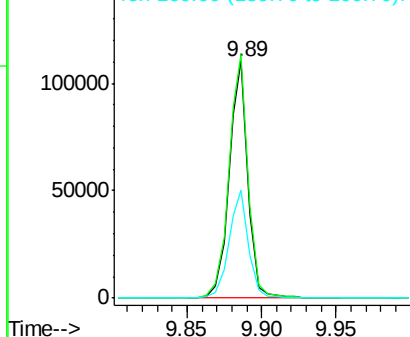


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion	164	Resp	97901
Ion Ratio	100	Lower	Upper
162	102.7	86.1	129.1
160	45.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

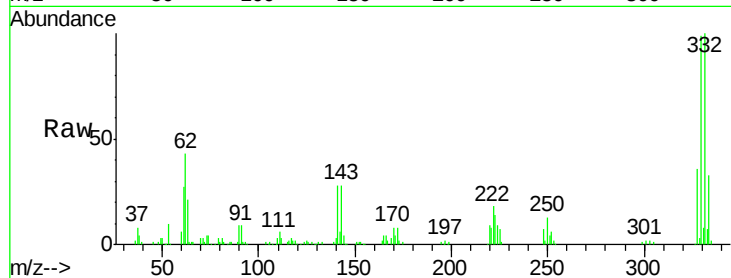




#41
 2,4,6-Tribromophenol
 Concen: 122.837 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	29.2	29.9	44.9#

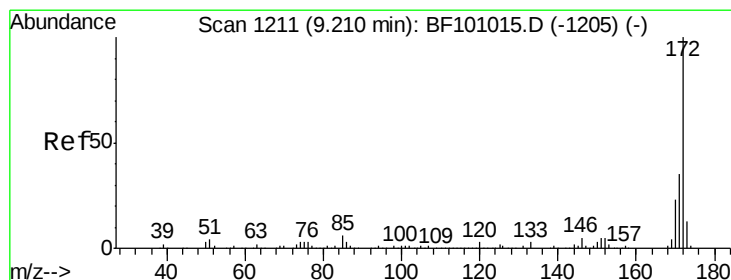
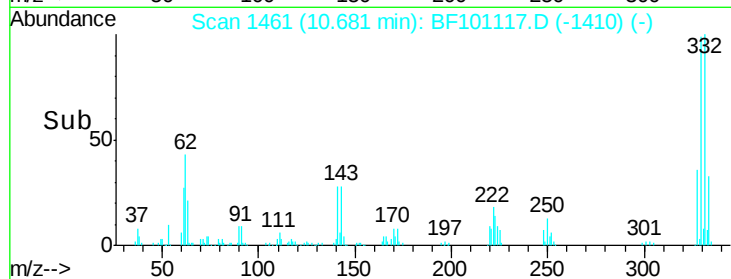
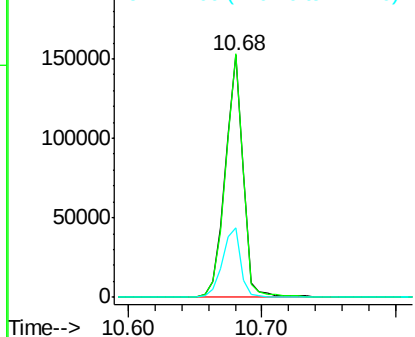


Abundance

Ion 329.80 (329.50 to 330.50): E

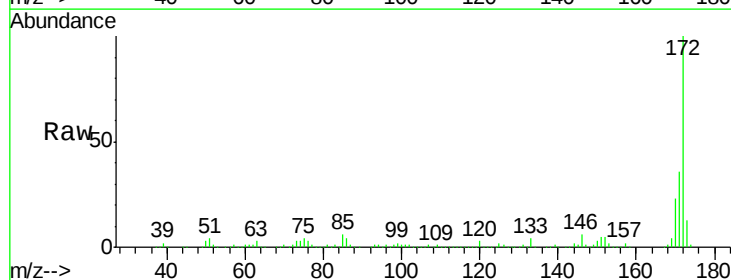
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.697 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.4	19.6	29.4

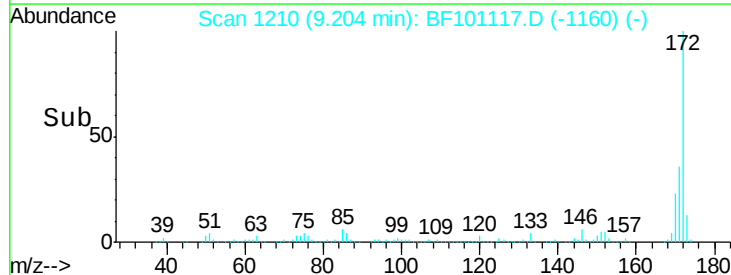
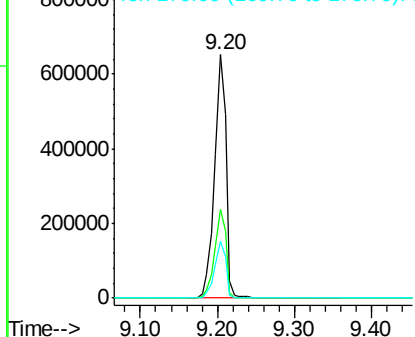


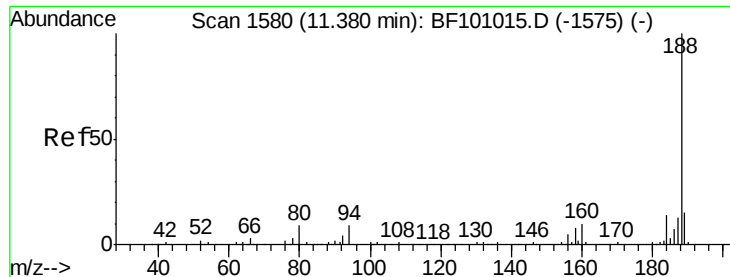
Abundance

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

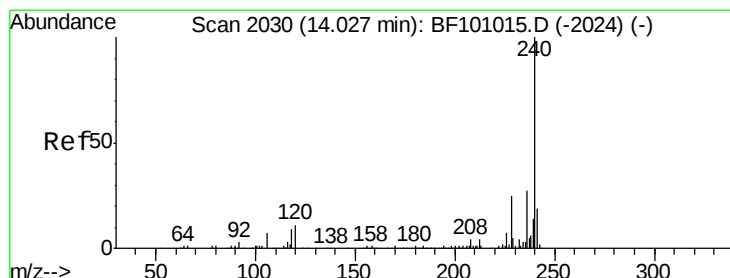
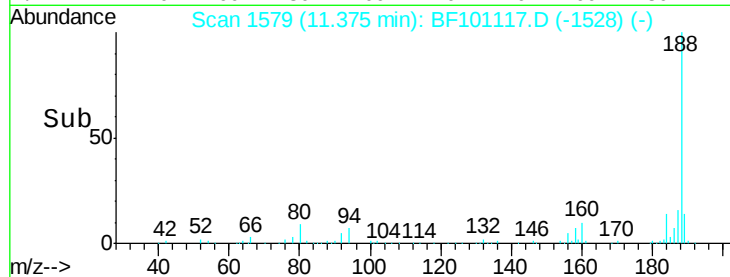
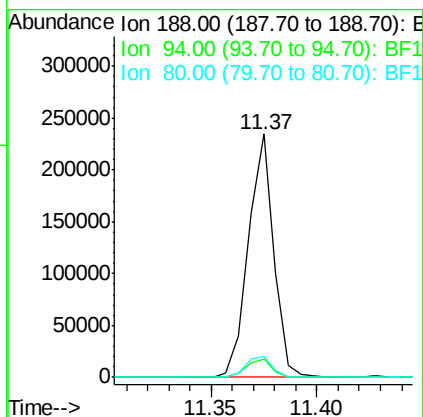
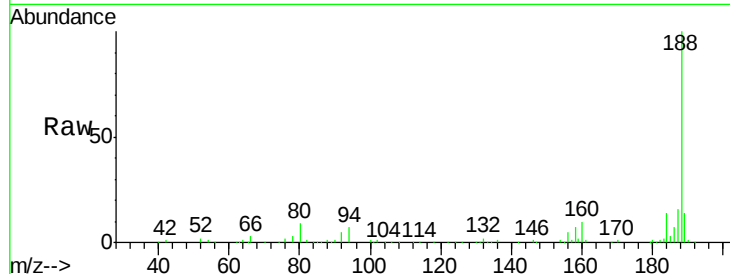




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

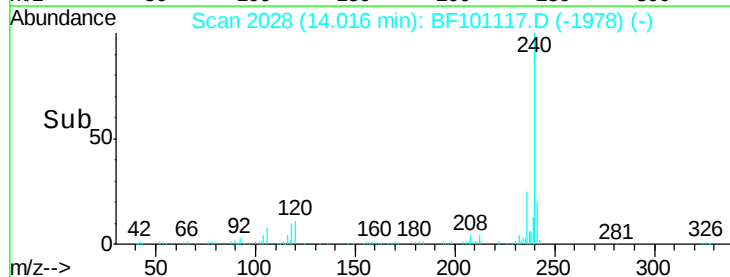
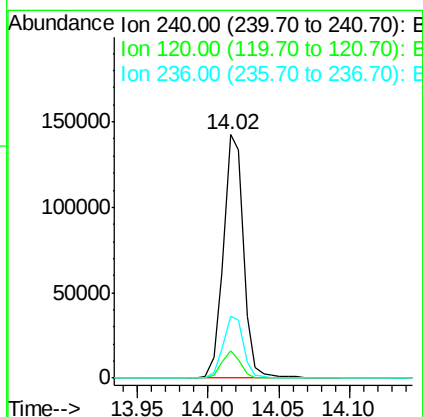
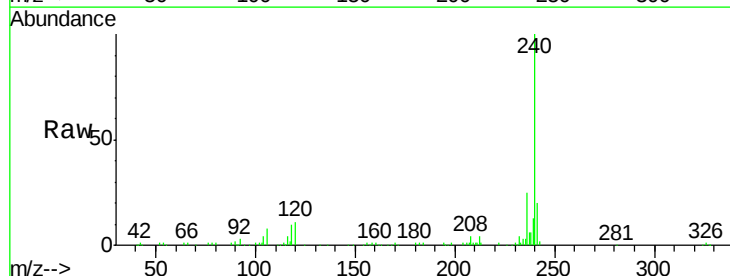
Instrument :
BNA_F
ClientSampleId :
PB104699BL

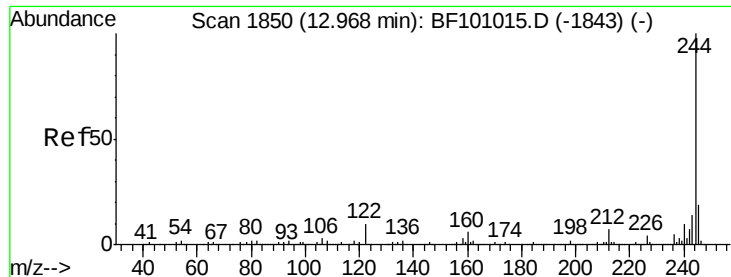
Tot Ion:188 Resp: 196052
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion:240 Resp: 141403
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 105.796 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

Instrument :

BNA_F

ClientSampleId :

PB104699BL

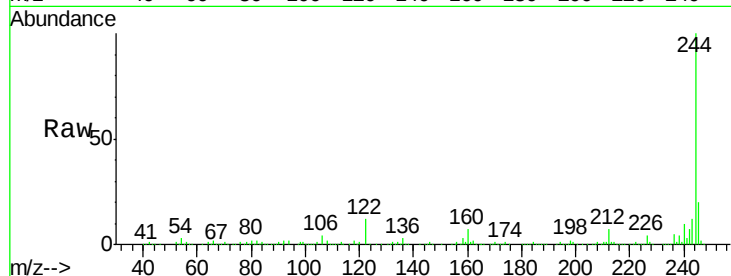
Tot Ion:244 Resp: 683954

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

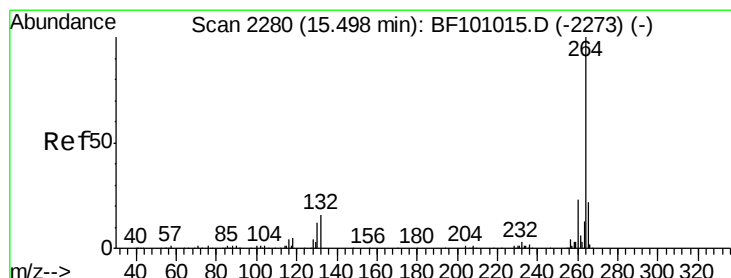
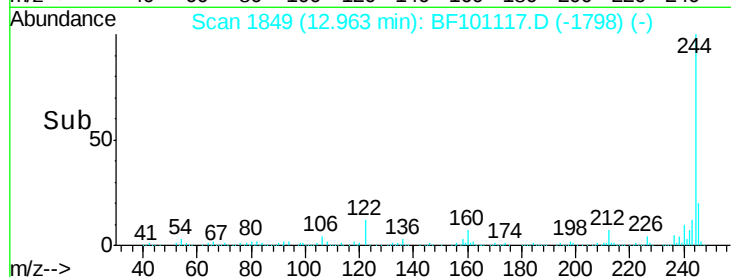
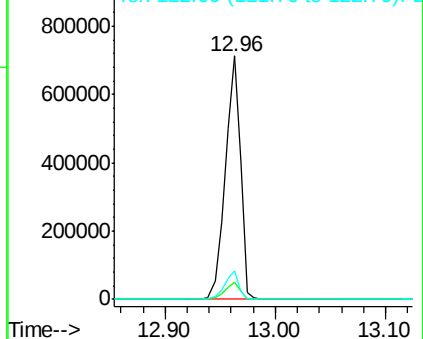
122 11.6 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

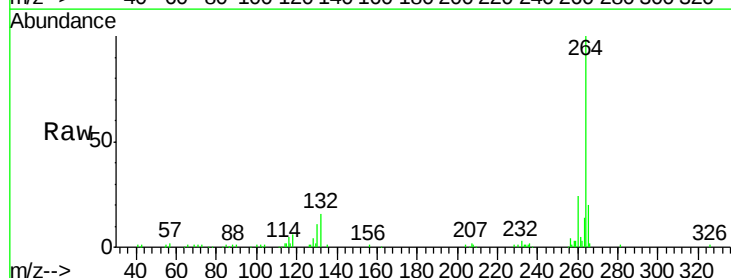
Tgt Ion:264 Resp: 109526

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.3 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

