

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103850.D
 Acq On : 22 Mar 2018 14:33
 Operator : JU/SJ
 Sample : PB107541BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BL

Quant Time: Mar 22 17:09:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132948	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	548250	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	259867	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	481428	20.00	ng	0.00
75) Chrysene-d12	14.17	240	350592	20.00	ng	0.01
86) Perylene-d12	15.74	264	299720	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	675720	77.31	ng	0.00
7) Phenol-d6	6.59	99	801889	74.99	ng	-0.01
23) Nitrobenzene-d5	7.53	82	692141	88.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	201813	90.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1268093	77.84	ng	0.00
78) Terphenyl-d14	13.09	244	1232820	81.62	ng	0.00

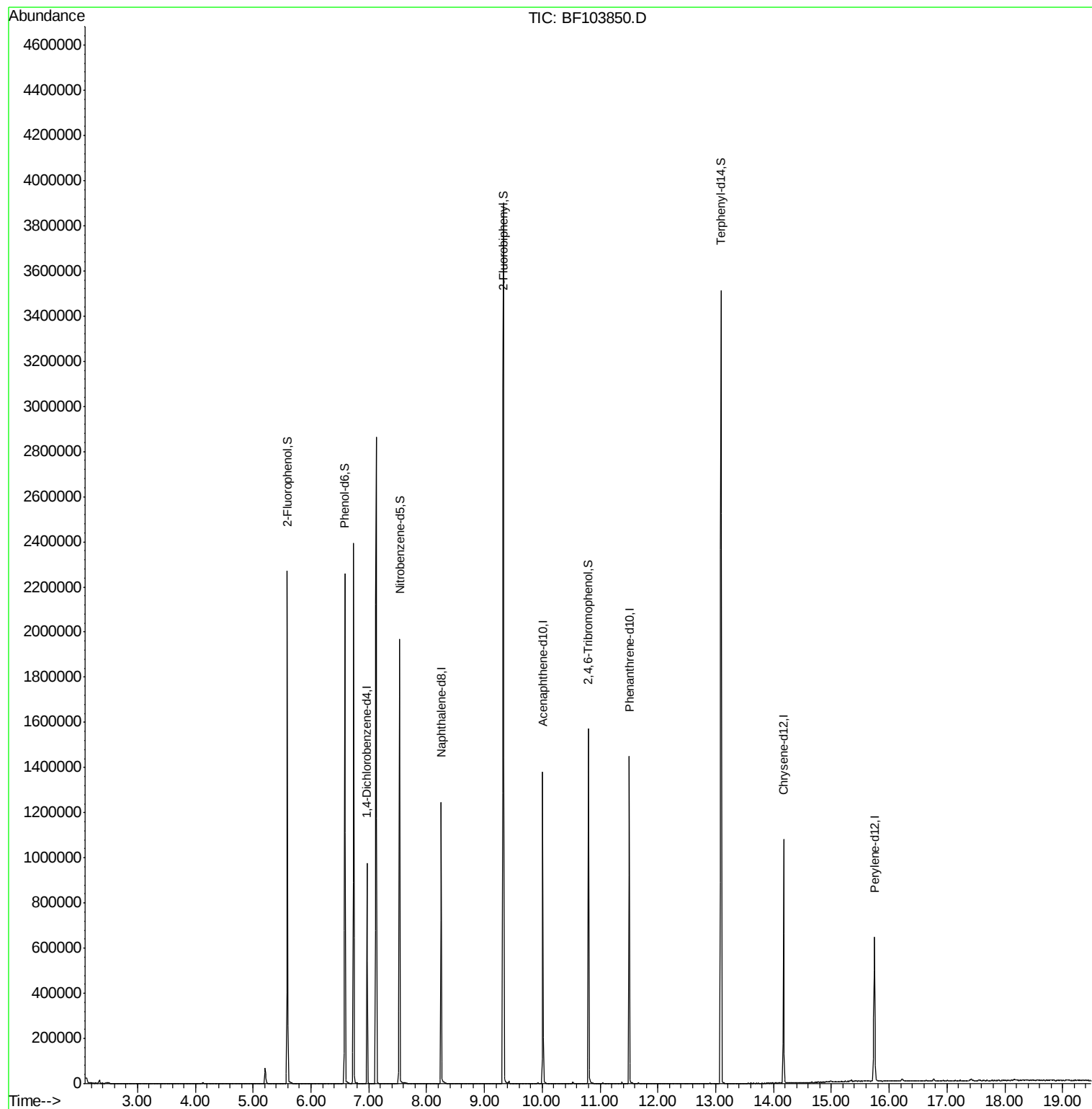
Target Compounds	Qvalue
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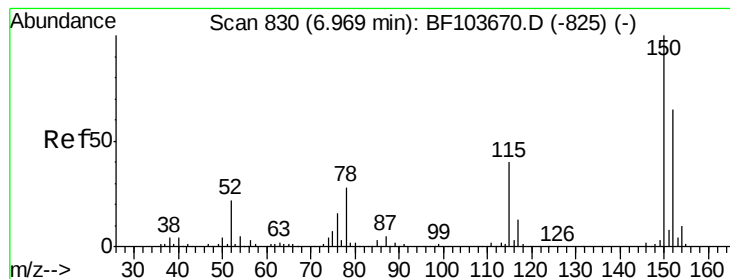
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

Instrument :

BNA_F

ClientSampleId :

PB107541BL

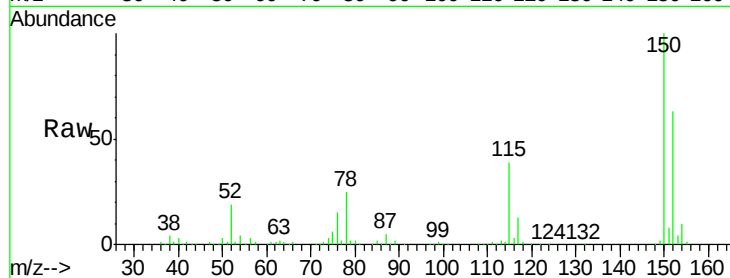
Tgt Ion:152 Resp: 132948

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

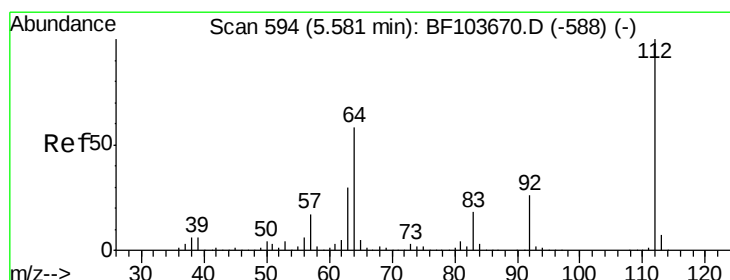
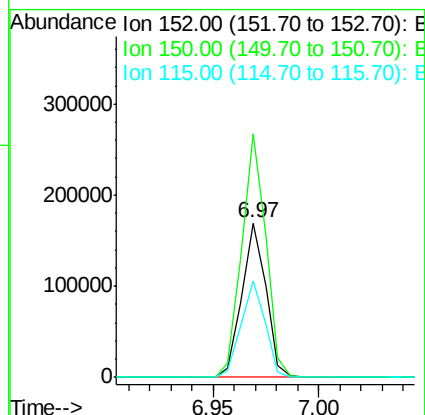
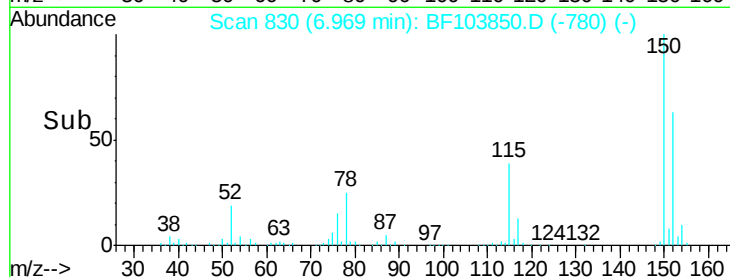
115 62.1 50.1 75.1



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: 77.306 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

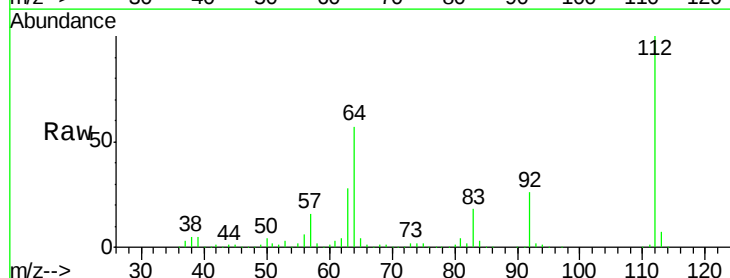
Tgt Ion:112 Resp: 675720

Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

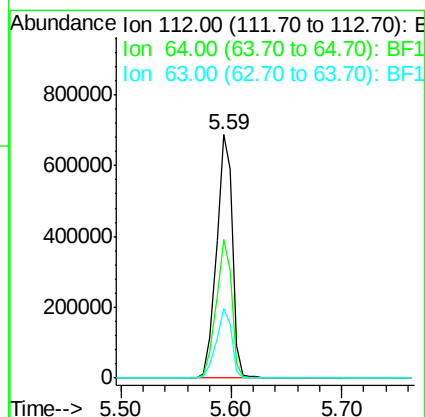
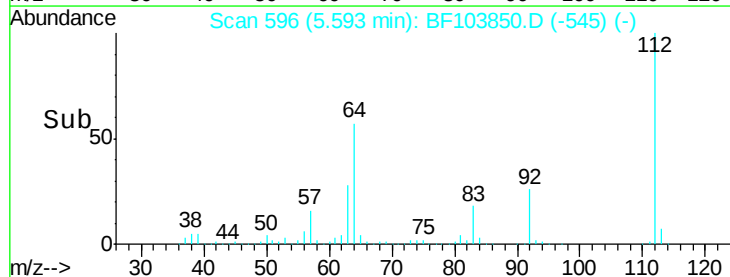
63 28.3 23.7 35.5



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: 74.986 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

Instrument :

BNA_F

ClientSampleId :

PB107541BL

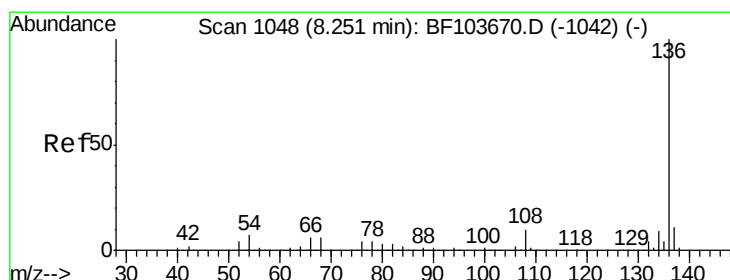
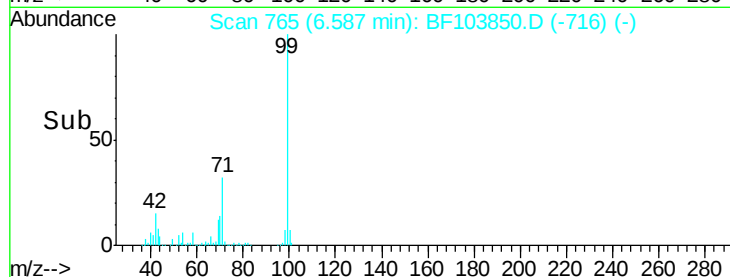
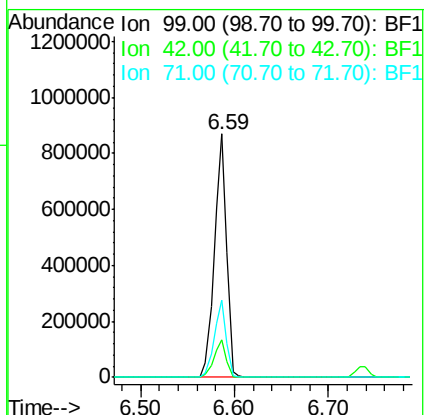
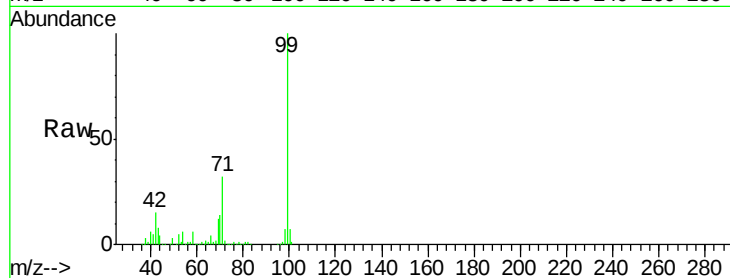
Tgt Ion: 99 Resp: 801889

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 31.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

Tgt Ion: 136 Resp: 548250

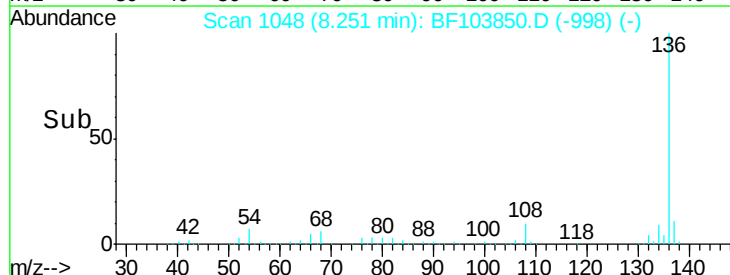
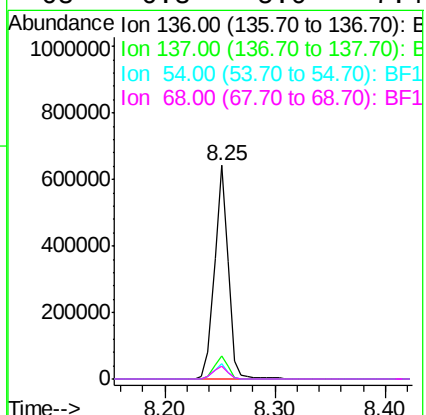
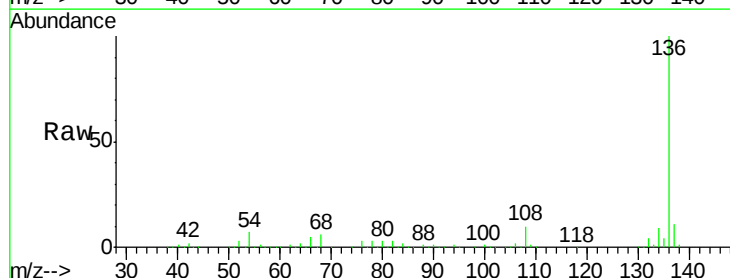
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.1 6.6 9.8

68 6.3 5.0 7.4

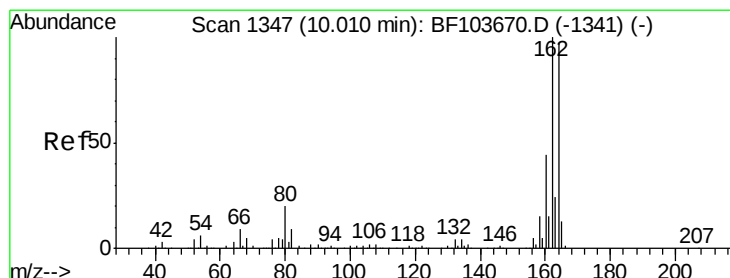
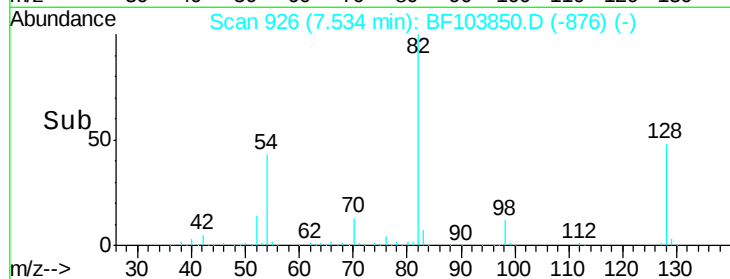
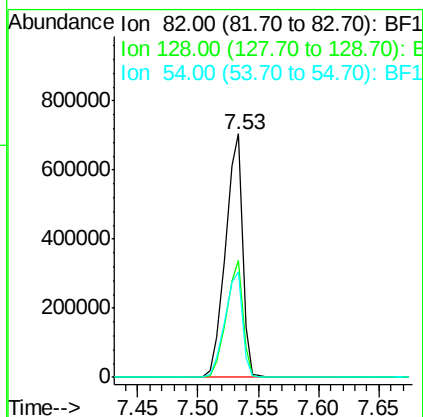
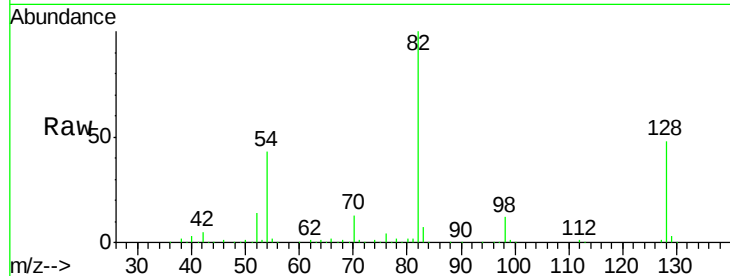




#23
 Nitrobenzene-d5
 Concen: 88.038 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

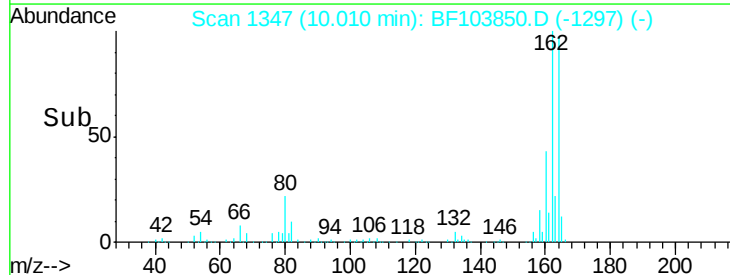
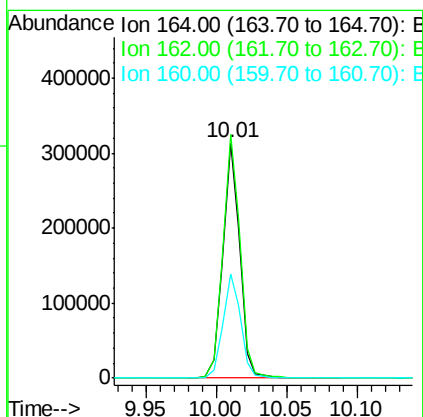
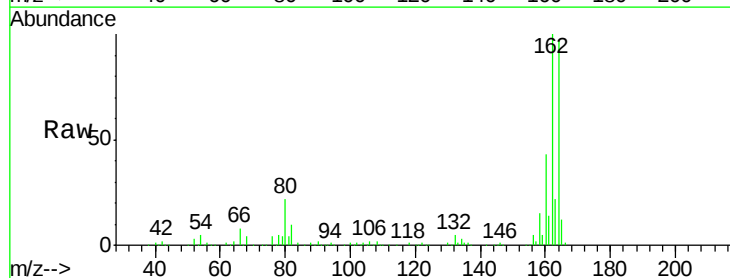
Instrument :
 BNA_F
 ClientSampleId :
 PB107541BL

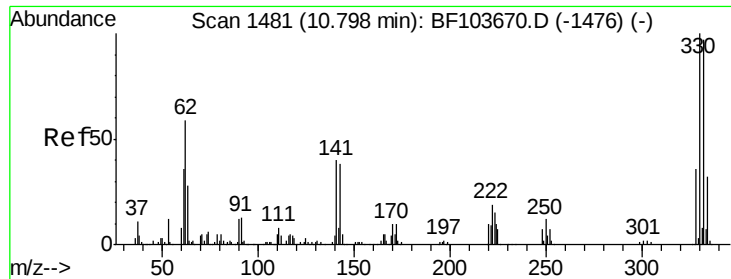
Tgt Ion: 82 Resp: 692141
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 43.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion: 164 Resp: 259867
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 44.5 38.3 57.5

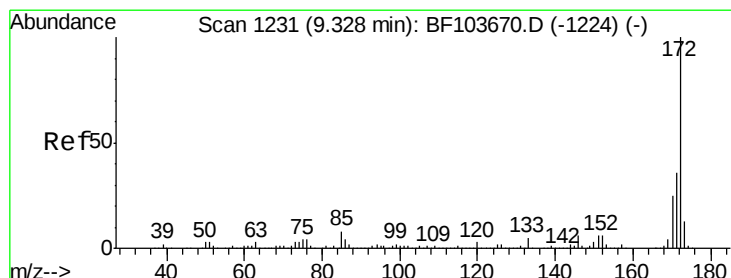
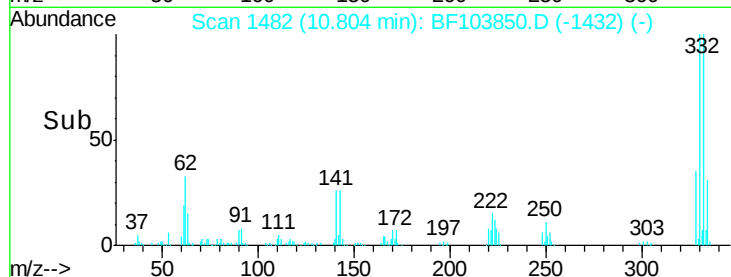
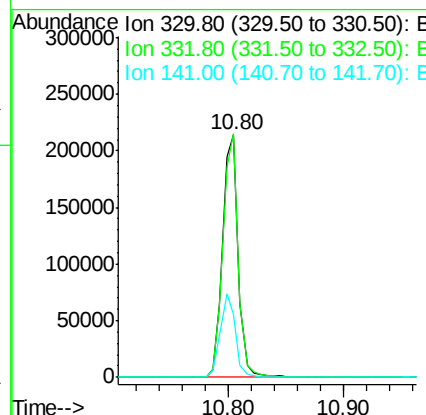
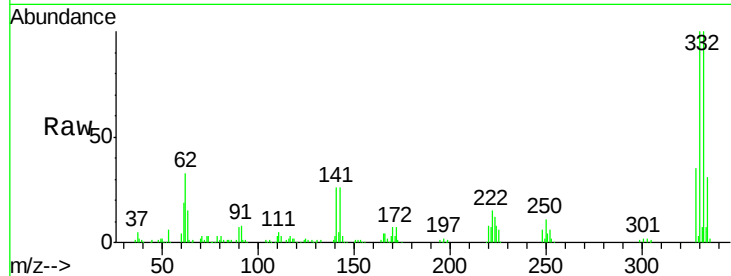




#41
 2,4,6-Tribromophenol
 Concen: 90.323 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

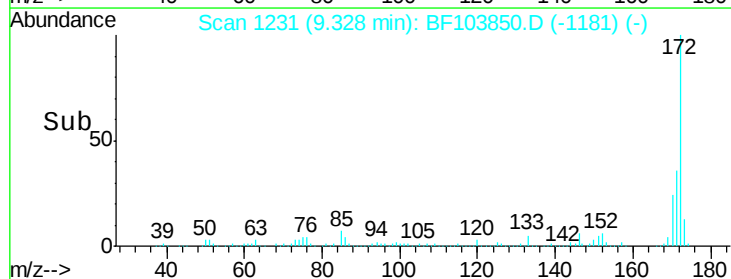
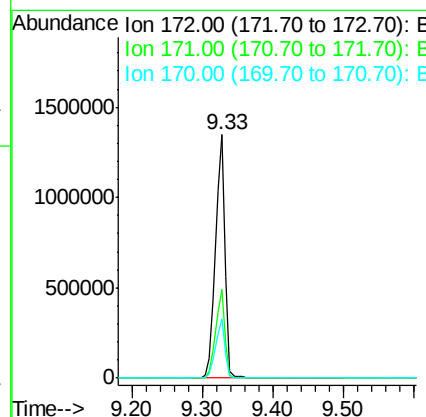
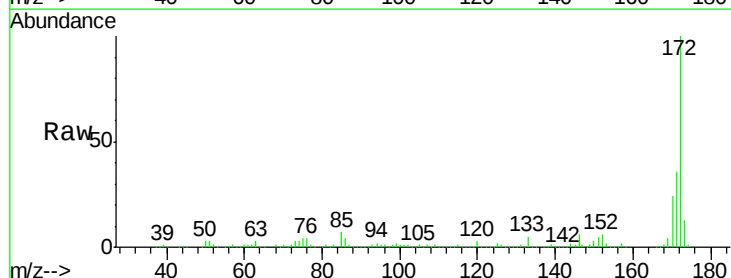
Instrument :
 BNA_F
 ClientSampleId :
 PB107541BL

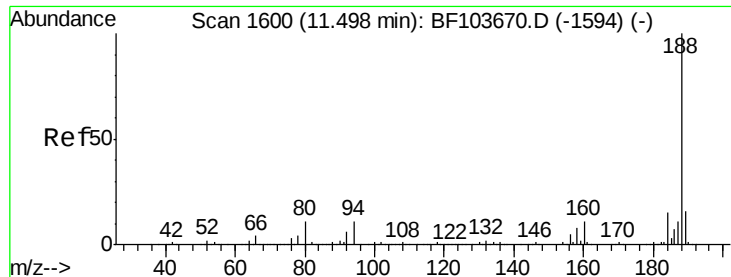
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 77.840 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

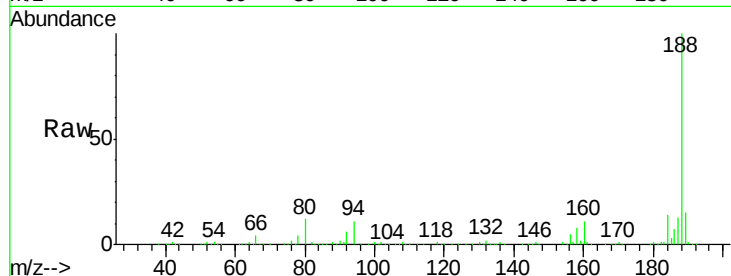




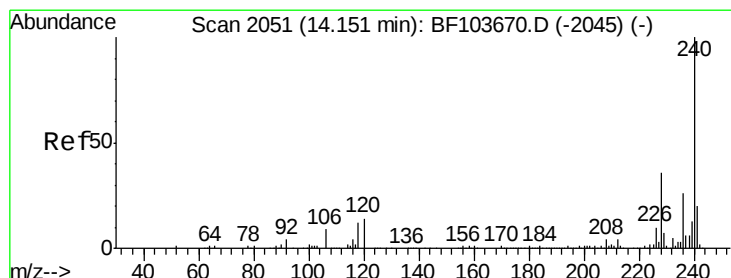
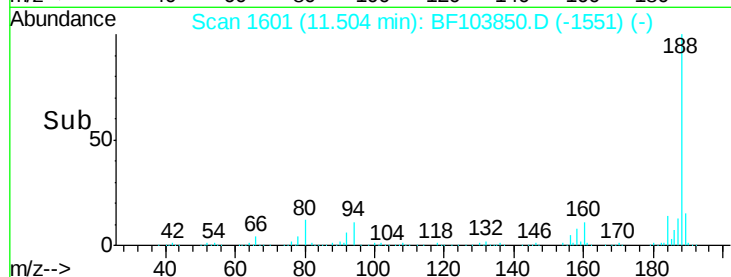
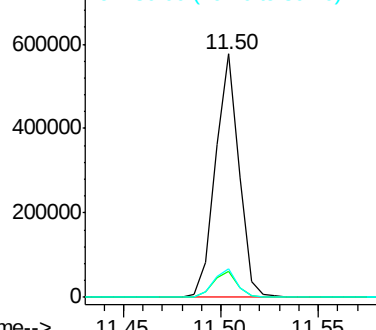
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Instrument :
BNA_F
ClientSampleId :
PB107541BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

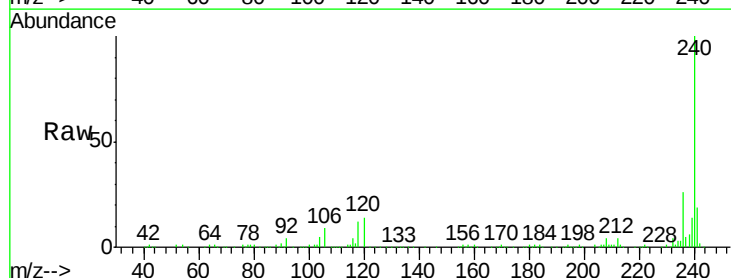


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

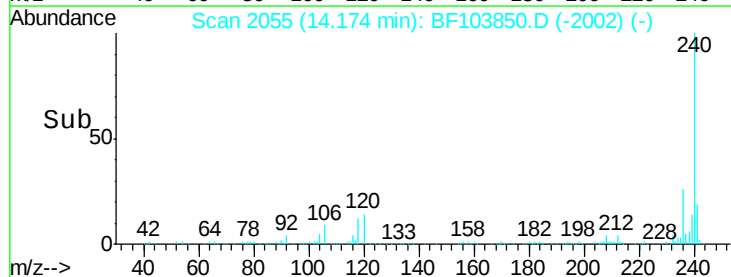
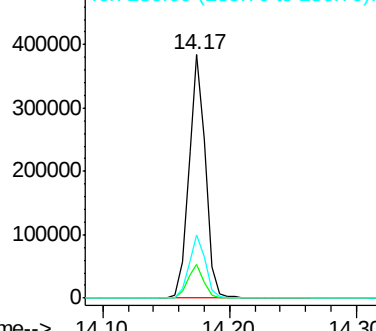


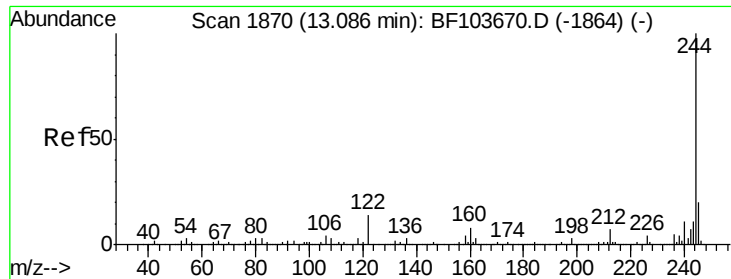
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.9	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

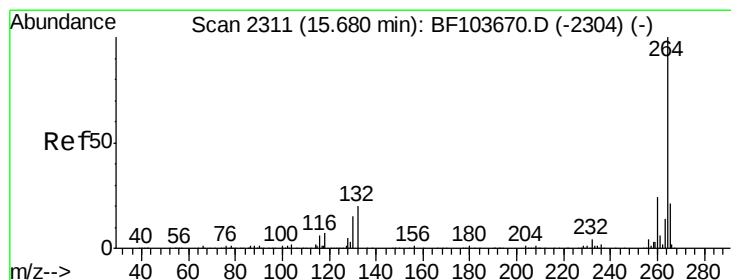
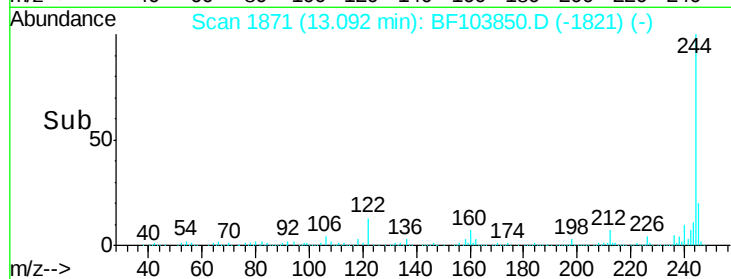
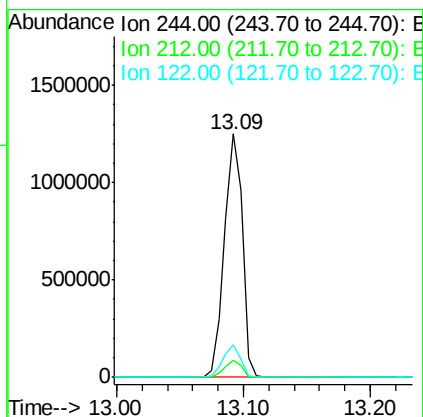
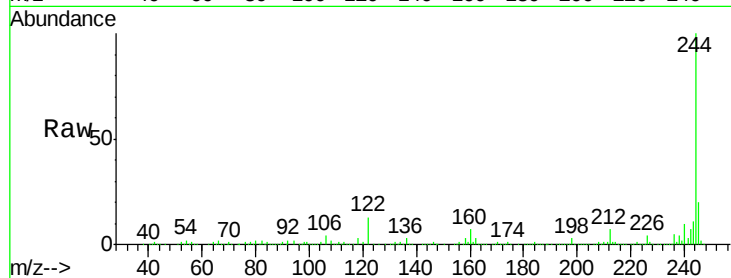




#78
 Terphenyl-d14
 Concen: 81.621 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BL

Tgt Ion:244 Resp: 1232820
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2322
 Delta R.T. 0.05 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion:264 Resp: 299720
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.0 17.5 26.3

