

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102417.D
 Acq On : 25 Jan 2018 11:11
 Operator : SJ/JU
 Sample : PB105903BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Quant Time: Jan 25 14:04:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118495	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	496490	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220673	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	394949	20.00	ng	0.00
75) Chrysene-d12	13.87	240	289161	20.00	ng	-0.01
86) Perylene-d12	15.29	264	226257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	903868	115.66	ng	0.01
7) Phenol-d6	6.36	99	1091430	115.84	ng	-0.01
23) Nitrobenzene-d5	7.28	82	681687	78.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	232605	106.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1238819	82.54	ng	0.00
78) Terphenyl-d14	12.82	244	1148502	89.54	ng	0.00

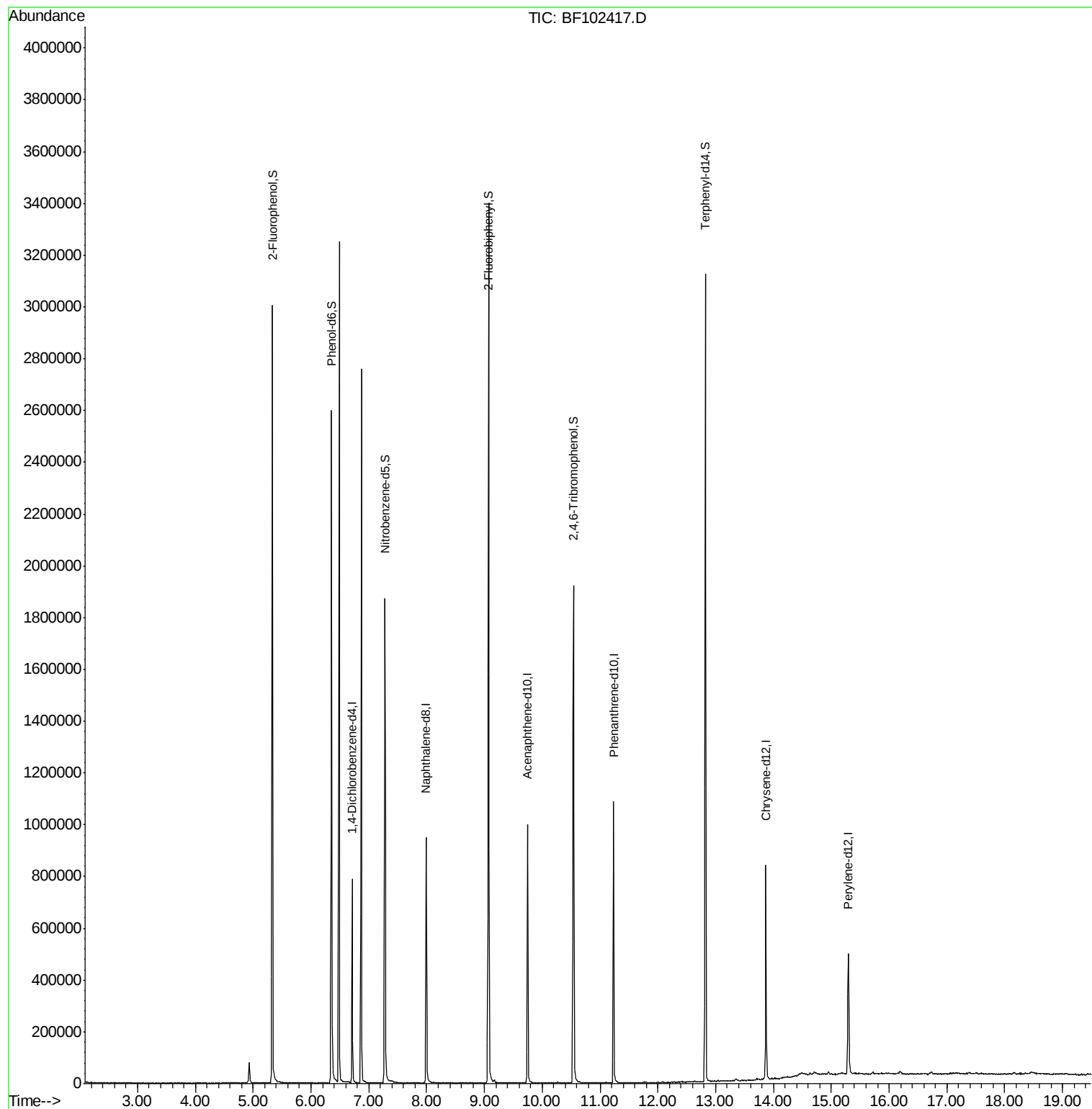
Target Compounds Qvalue

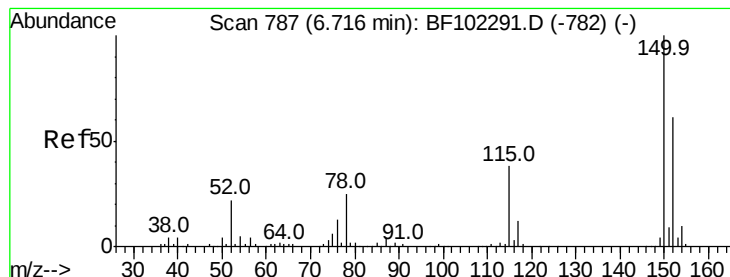
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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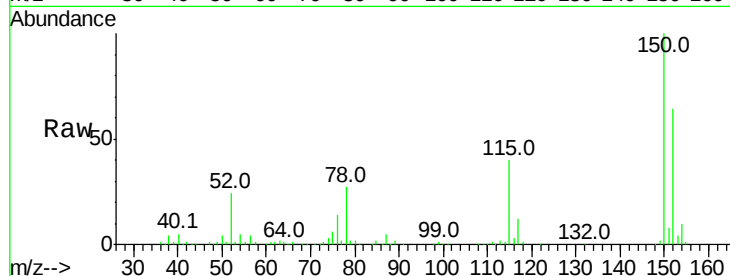


#1

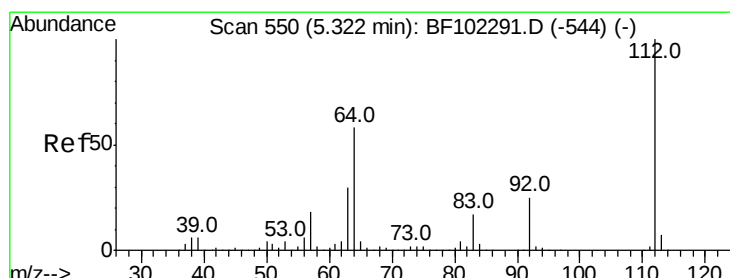
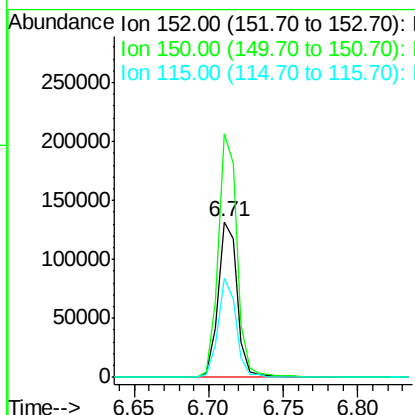
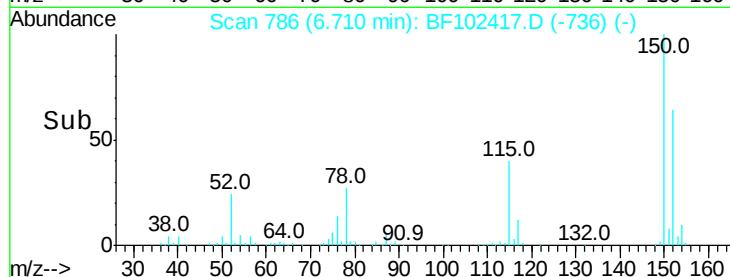
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampleID :
 PB105903BL

Tot Ion:152 Resp: 118495
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 63.3 50.1 75.1



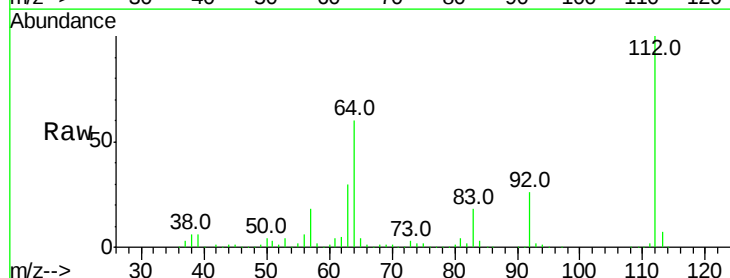
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



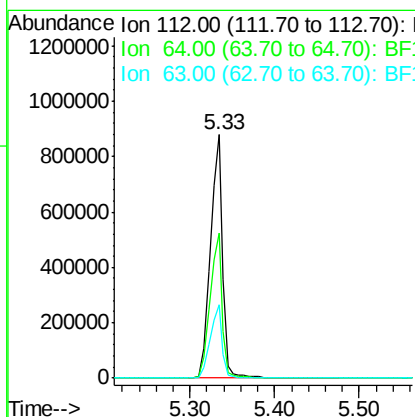
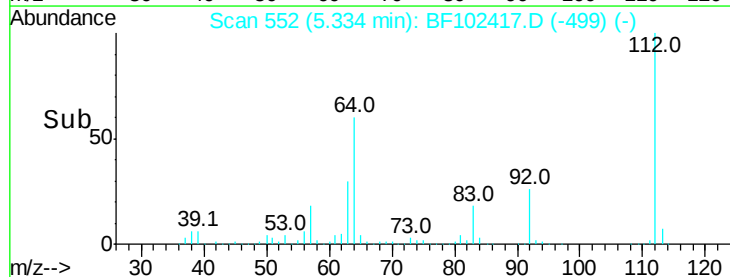
#5

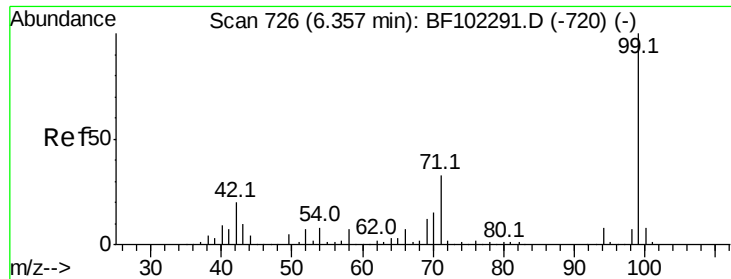
2-Fluorophenol
 Concen: 115.659 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion:112 Resp: 903868
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.3 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: 115.843 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB105903BL

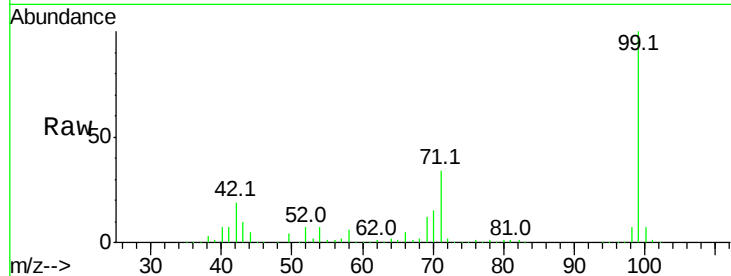
Tot Ion: 99 Resp: 1091430

Ion Ratio Lower Upper

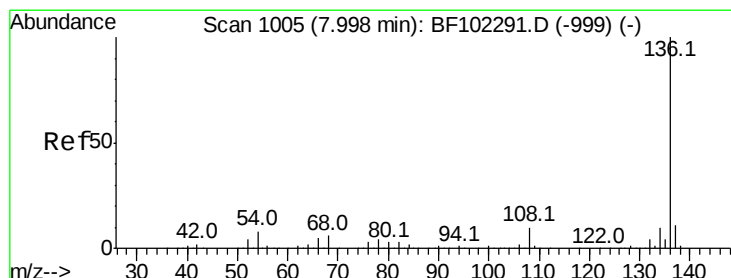
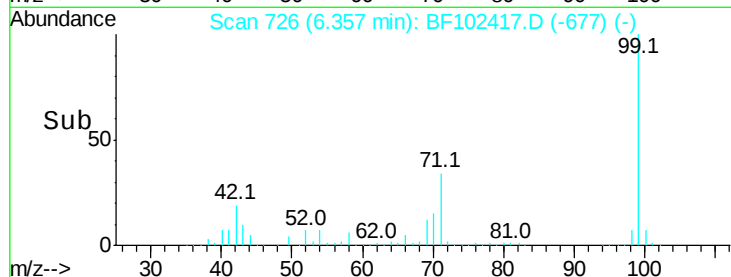
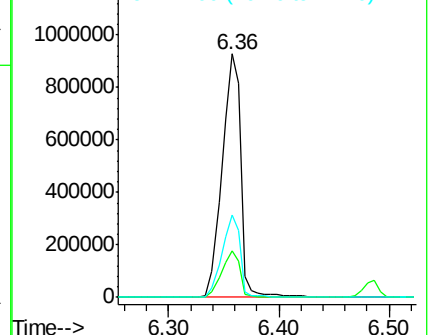
99 100

42 19.0 14.5 21.7

71 33.8 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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Tgt Ion: 136 Resp: 496490

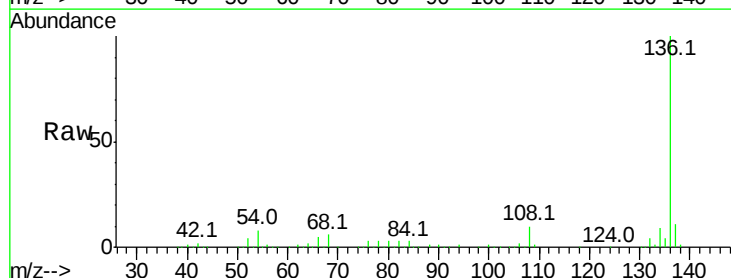
Ion Ratio Lower Upper

136 100

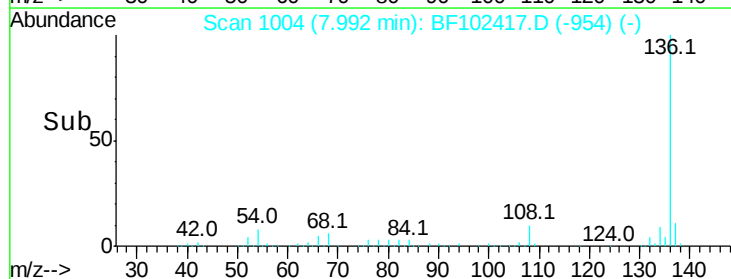
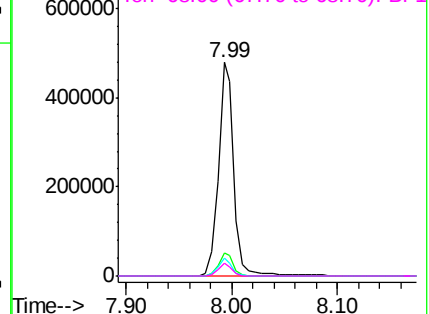
137 10.7 8.9 13.3

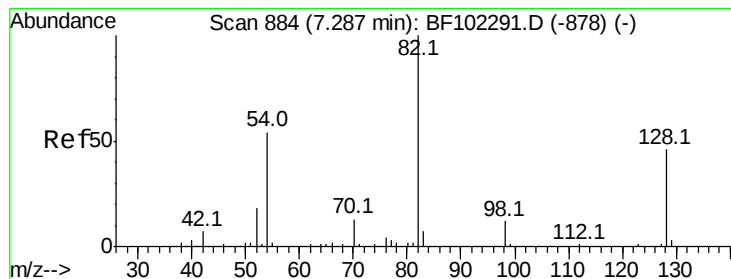
54 8.3 6.6 9.8

68 5.8 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: 78.903 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB105903BL

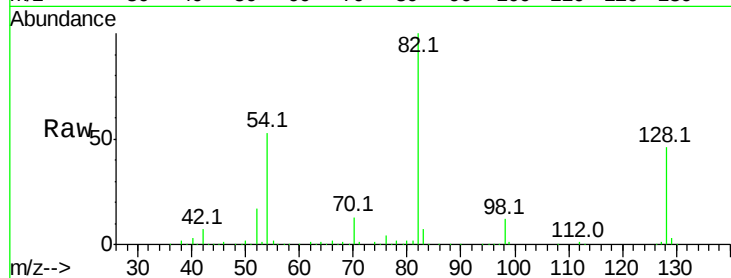
Tot Ion: 82 Resp: 681687

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

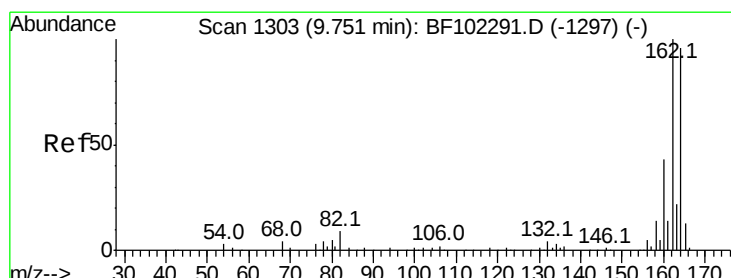
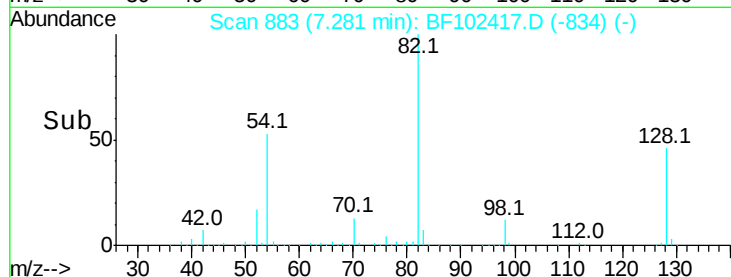
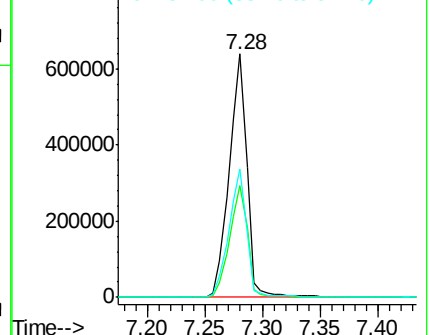
54 52.6 41.4 62.2



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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

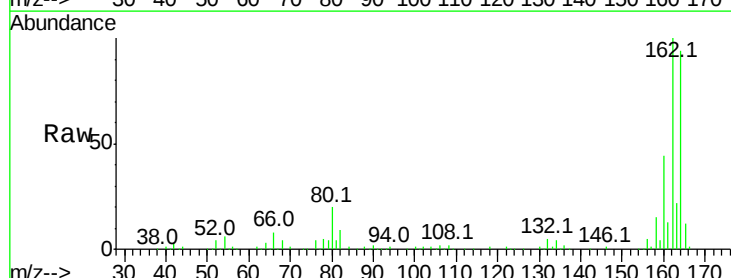
Tgt Ion:164 Resp: 220673

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

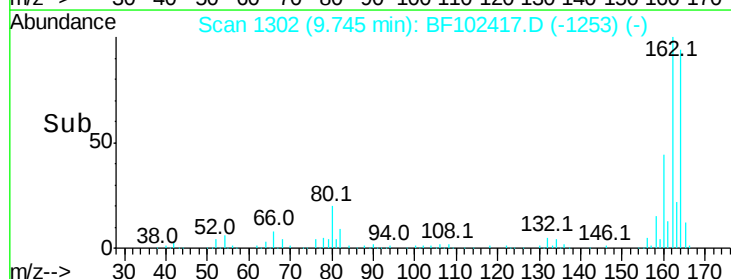
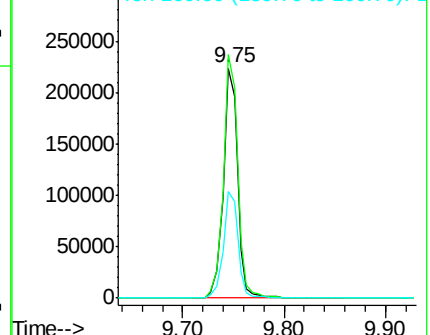
160 46.2 38.3 57.5

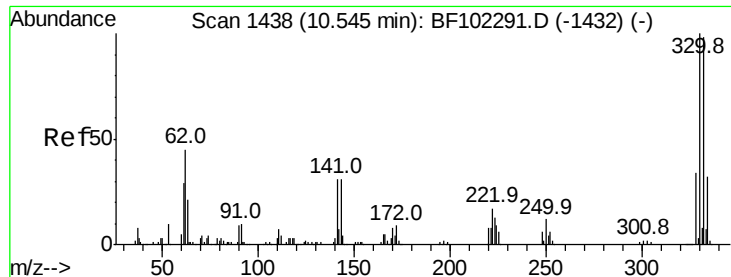


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

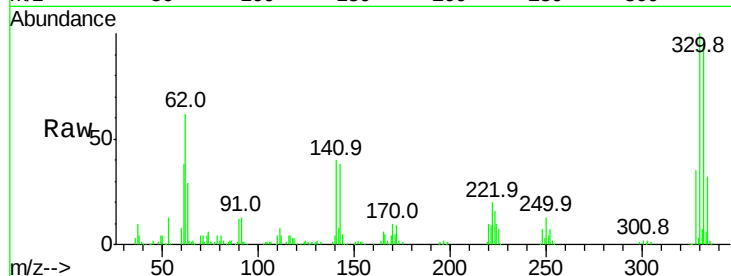




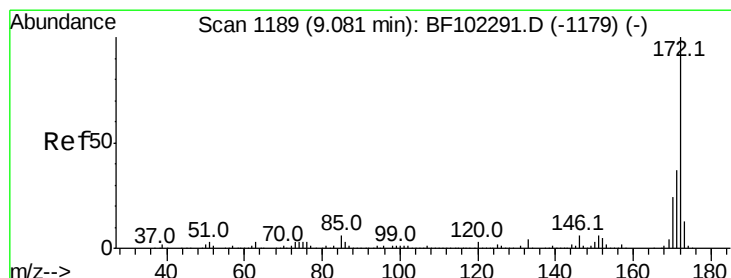
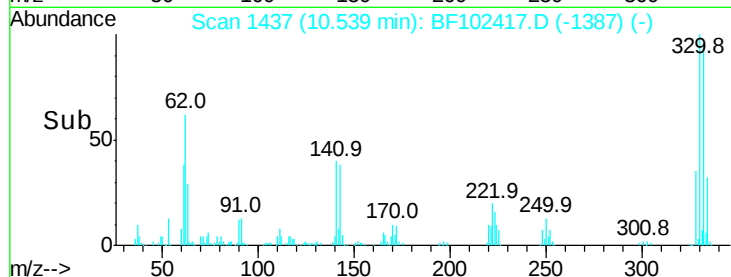
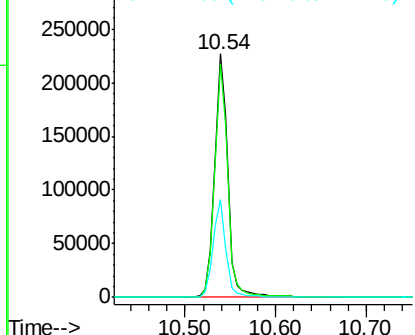
#41
 2,4,6-Tribromophenol
 Concen: 106.380 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.6	29.9	44.9

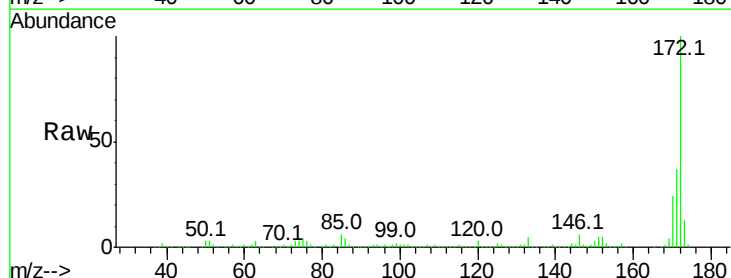


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

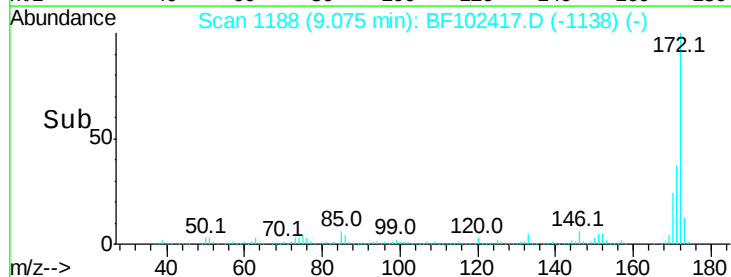
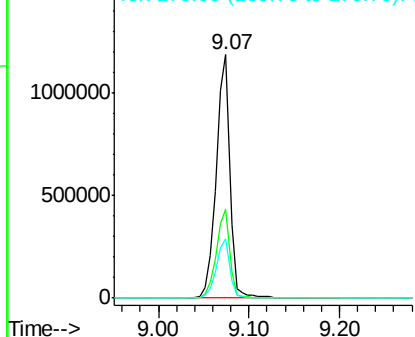


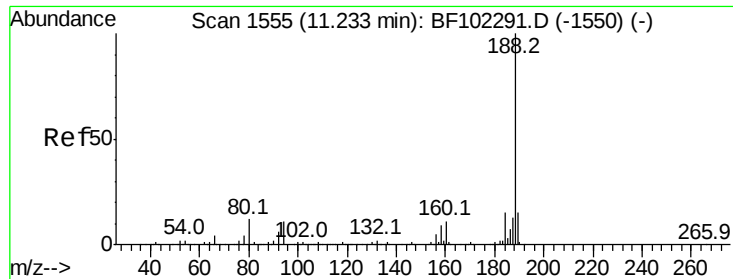
#44
 2-Fluorobiphenyl
 Concen: 82.543 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	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

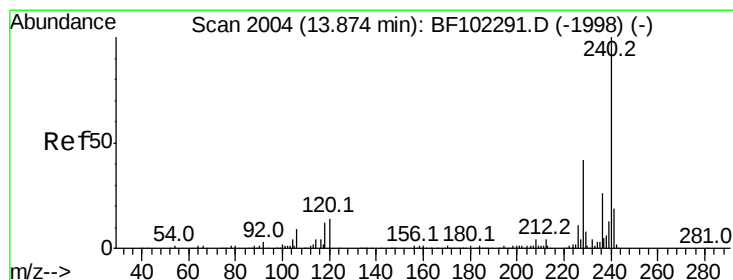
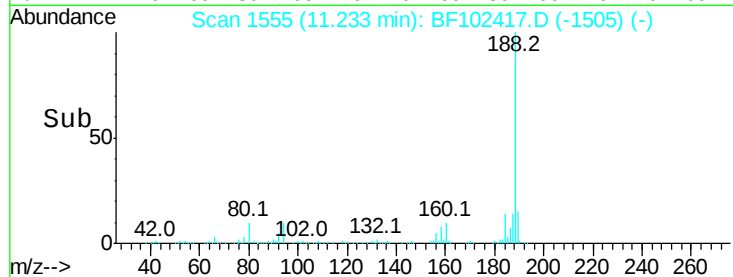
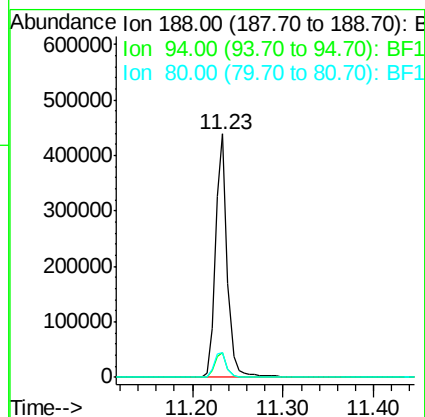
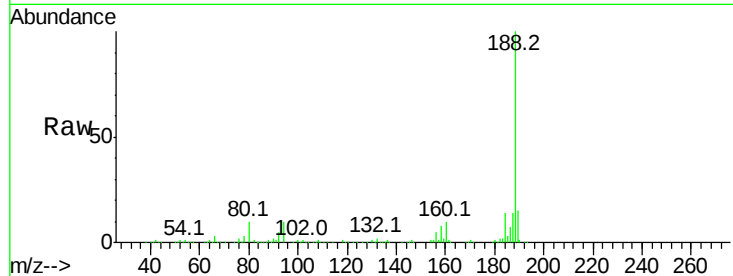




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

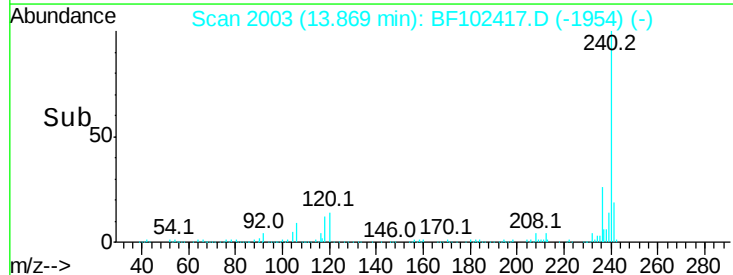
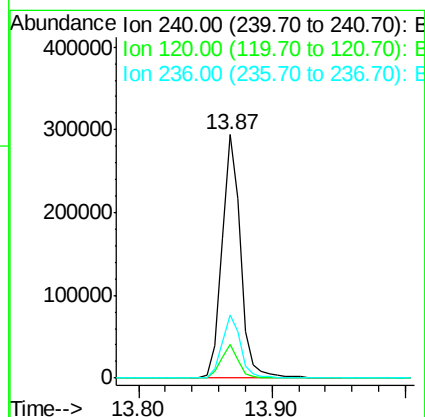
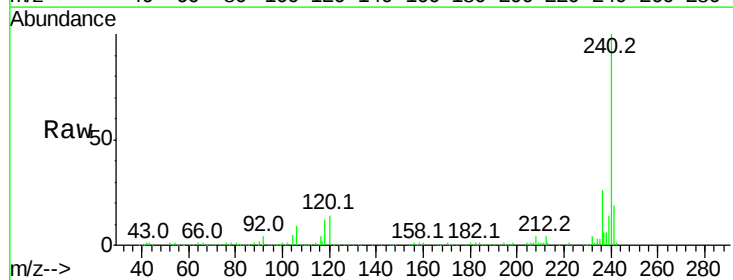
Instrument :
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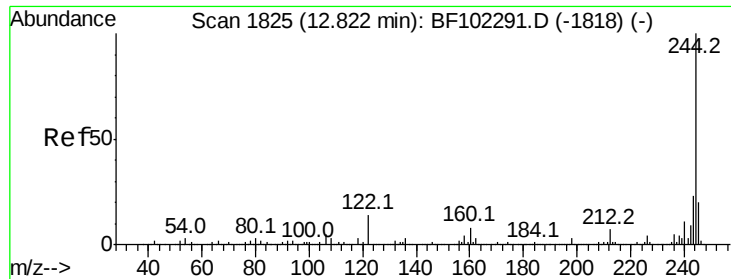
Tot Ion:188 Resp: 394949
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

Tgt Ion:240 Resp: 289161
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 89.540 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB105903BL

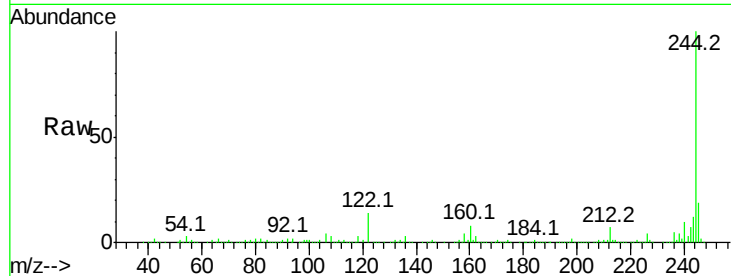
Tot Ion:244 Resp: 1148502

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

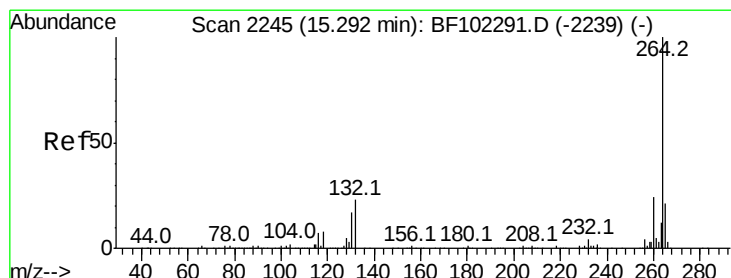
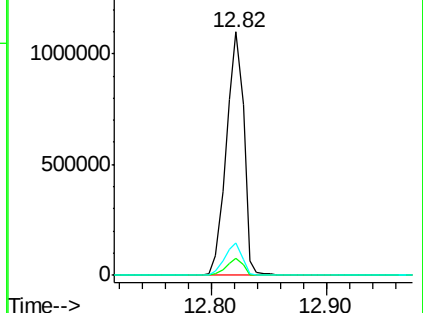
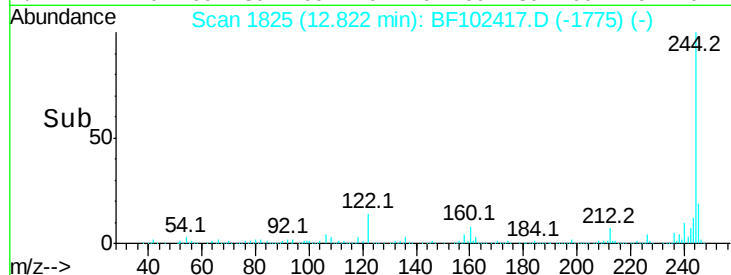
122 13.6 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

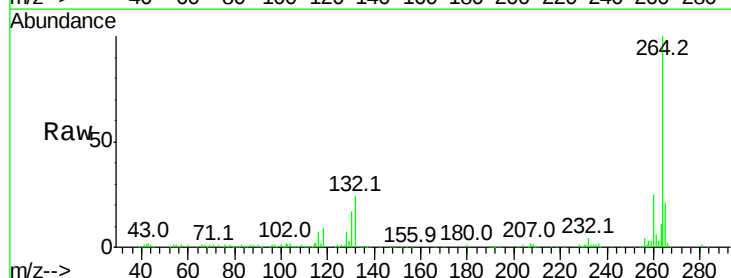
Tgt Ion:264 Resp: 226257

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.9 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

