

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102755.D
 Acq On : 5 Feb 2018 23:57
 Operator : SJ/JU
 Sample : PB106322BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BL

Quant Time: Feb 06 02:42:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	821443	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	356650	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	557088	20.00	ng	0.00
75) Chrysene-d12	14.04	240	332544	20.00	ng	-0.01
86) Perylene-d12	15.52	264	304375	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1535776	117.58	ng	0.01
7) Phenol-d6	6.51	99	1799068	114.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	1133432	95.72	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	345563	120.38	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1907549	88.75	ng	0.00
78) Terphenyl-d14	12.99	244	1374961	97.90	ng	0.00

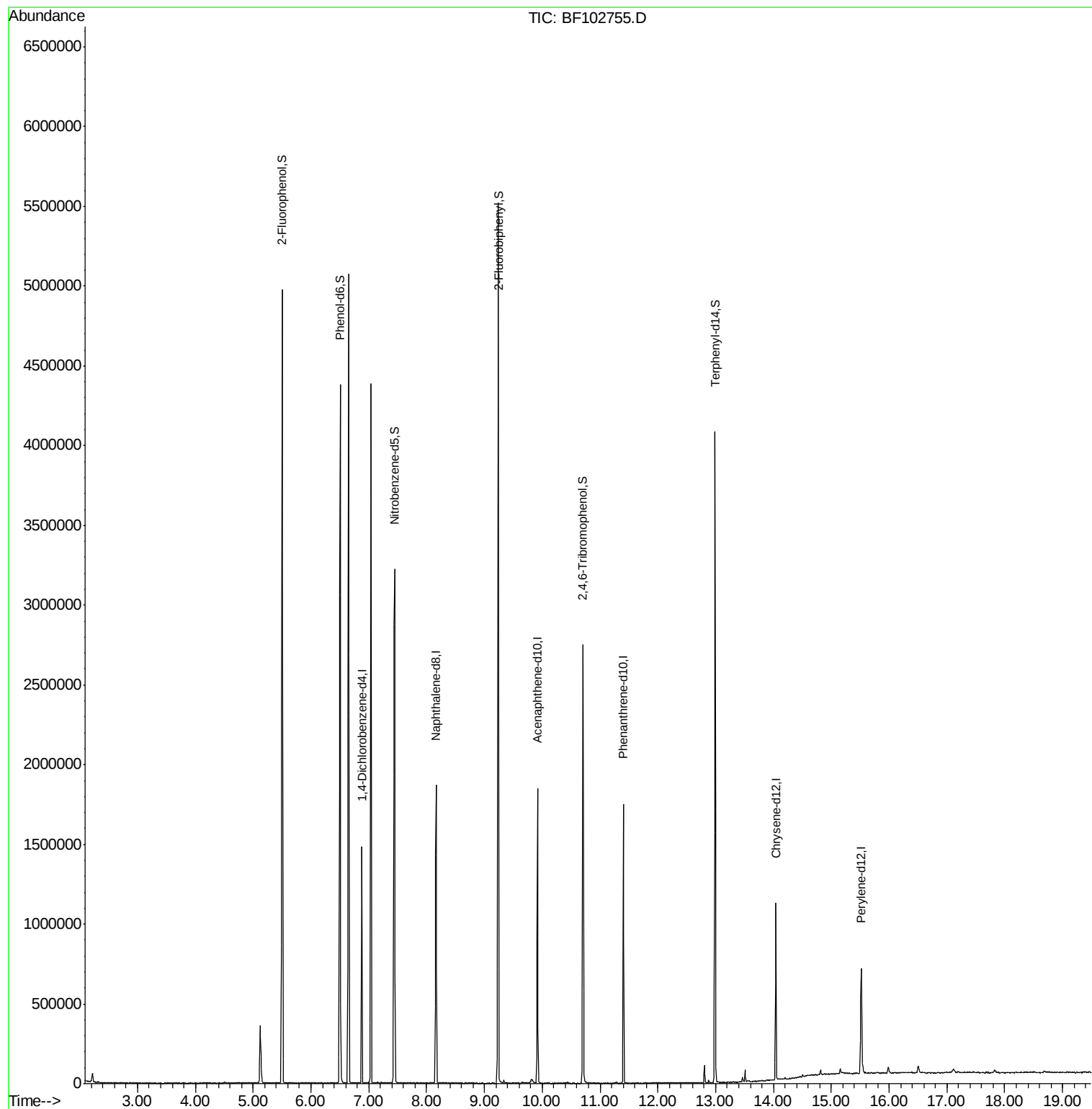
Target Compounds Qvalue

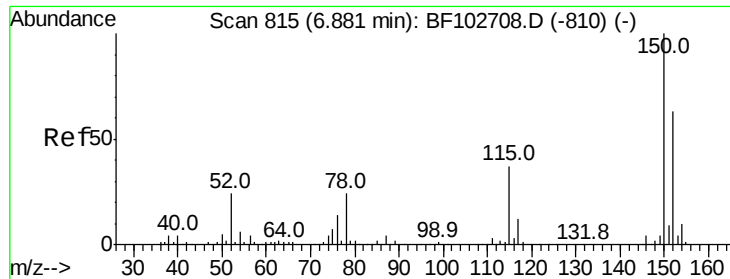
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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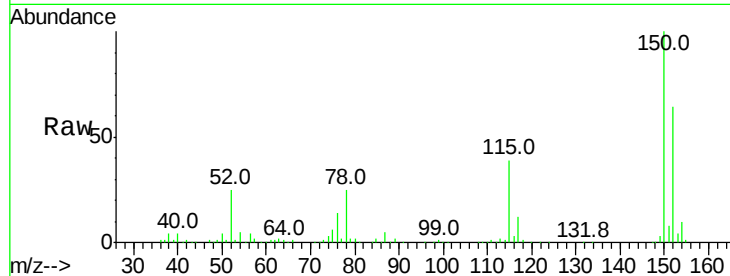


#1

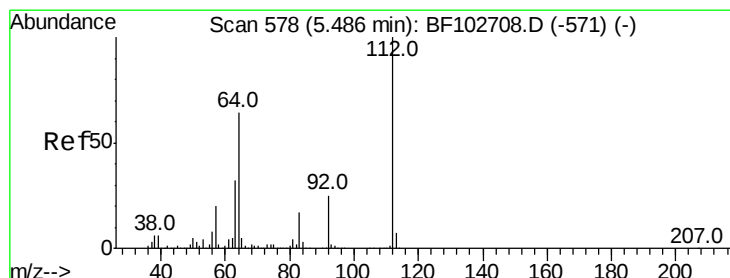
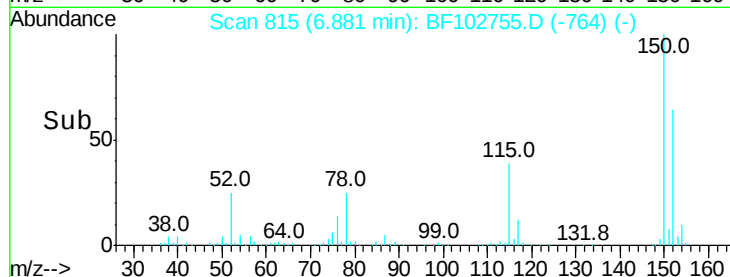
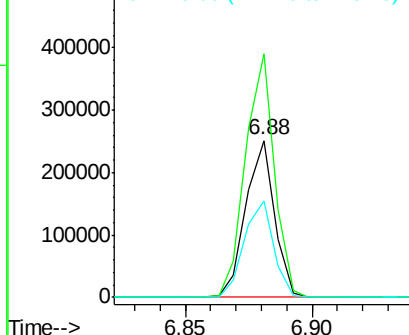
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Instrument :
BNA_F
ClientSampleId :
PB106322BL

Tot Ion:152 Resp: 198358
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.3 50.1 75.1



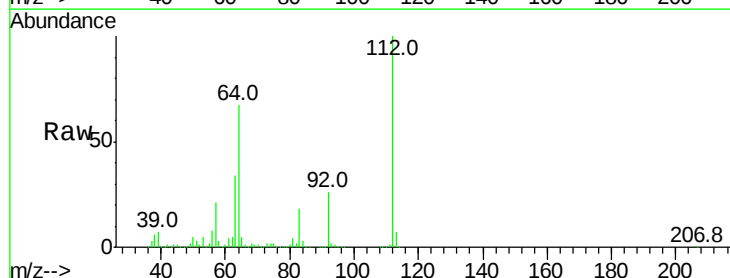
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



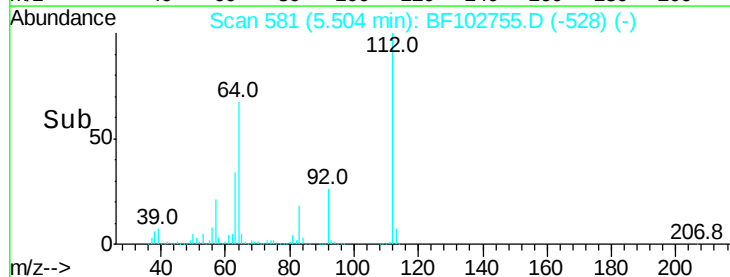
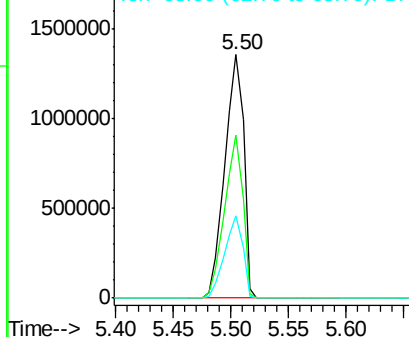
#5

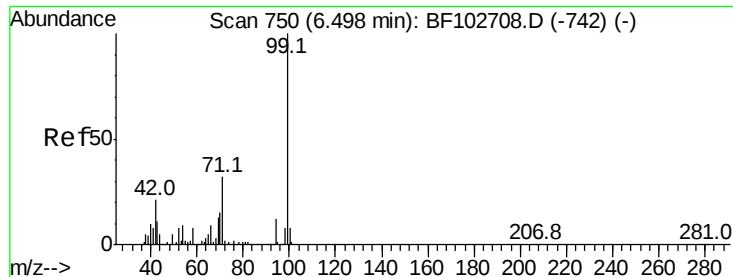
2-Fluorophenol
Concen: 117.582 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Tgt Ion:112 Resp: 1535776
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.6 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: 114.396 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

PB106322BL

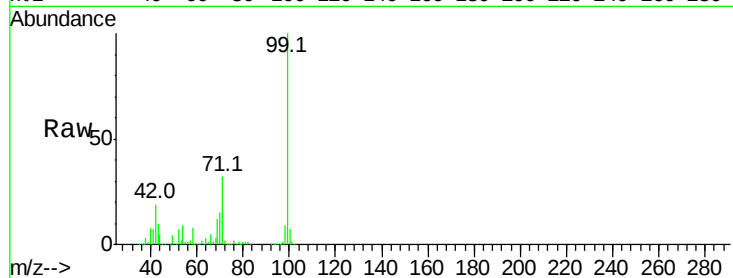
Tot Ion: 99 Resp: 1799068

Ion Ratio Lower Upper

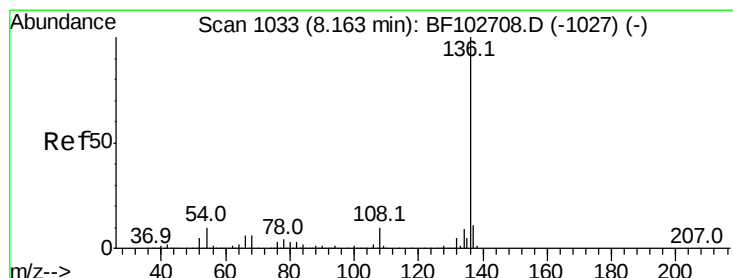
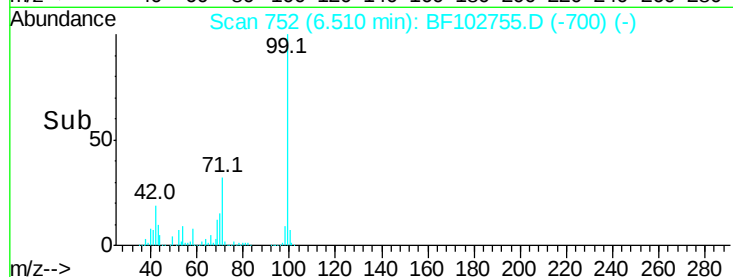
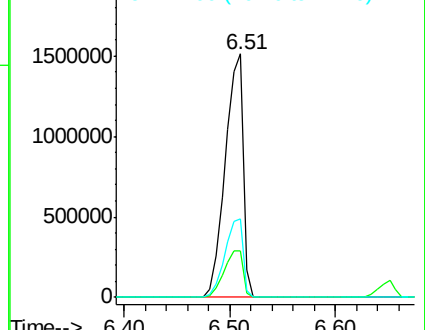
99 100

42 19.1 14.5 21.7

71 32.5 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Tgt Ion: 136 Resp: 821443

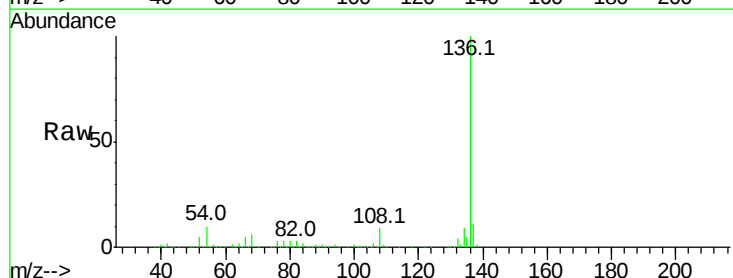
Ion Ratio Lower Upper

136 100

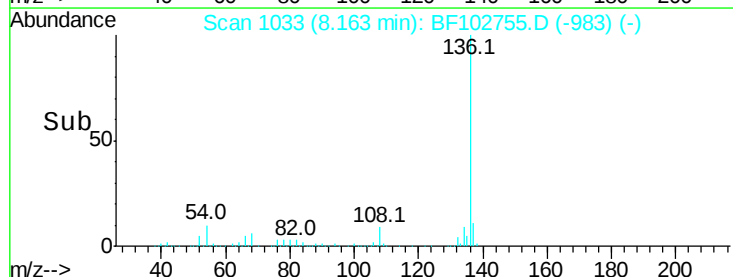
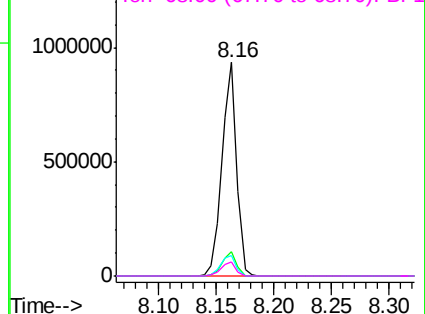
137 11.3 8.9 13.3

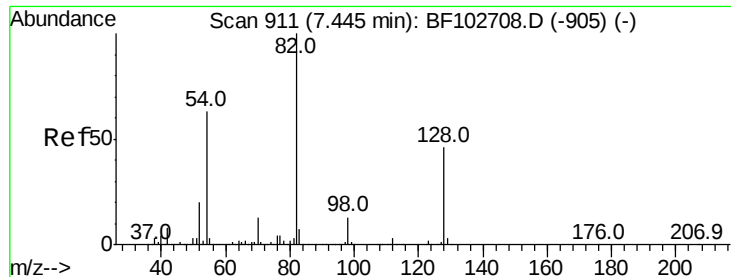
54 9.6 6.6 9.8

68 6.4 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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 95.718 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

PB106322BL

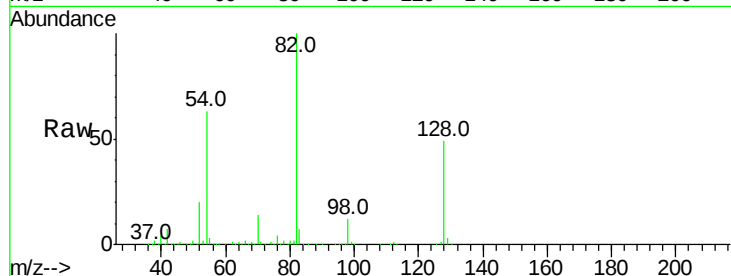
Tot Ion: 82 Resp: 1133432

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

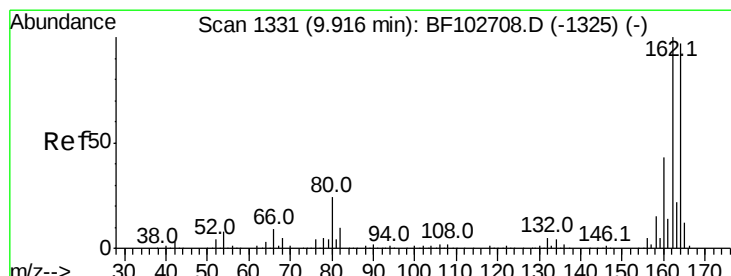
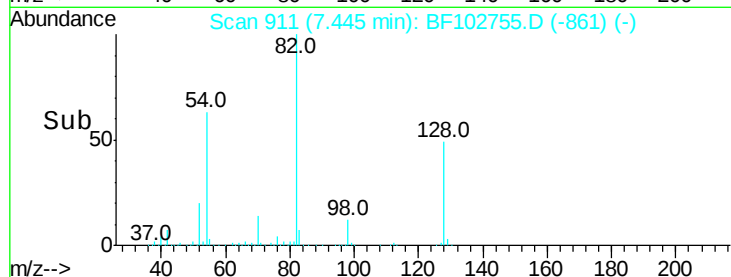
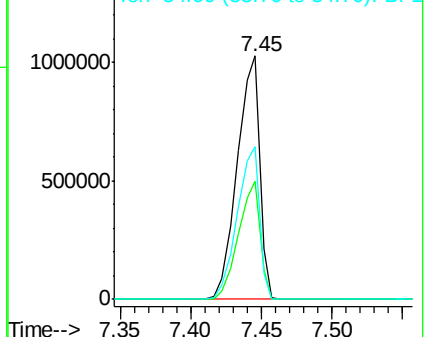
54 62.6 41.4 62.2#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

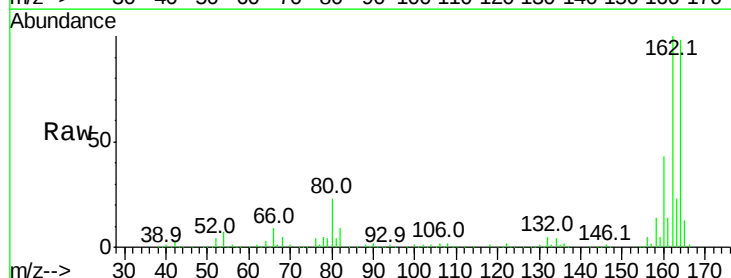
Tgt Ion:164 Resp: 356650

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

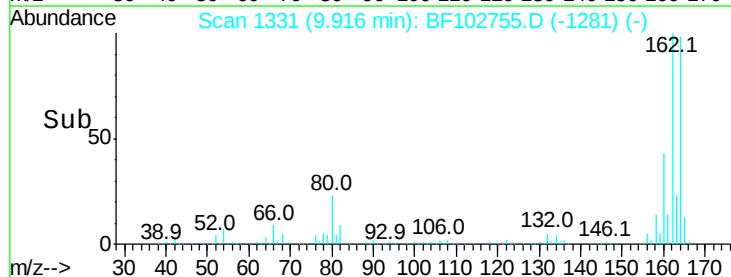
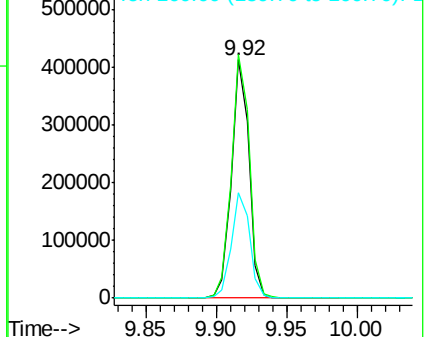
160 44.3 38.3 57.5

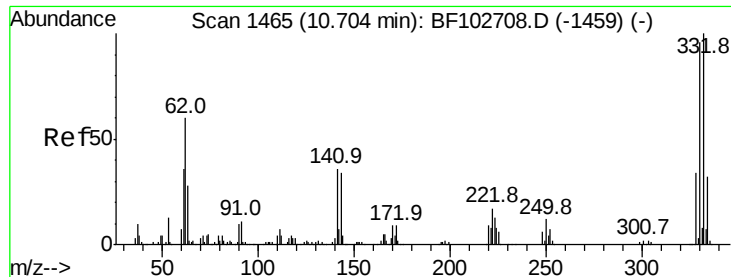


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

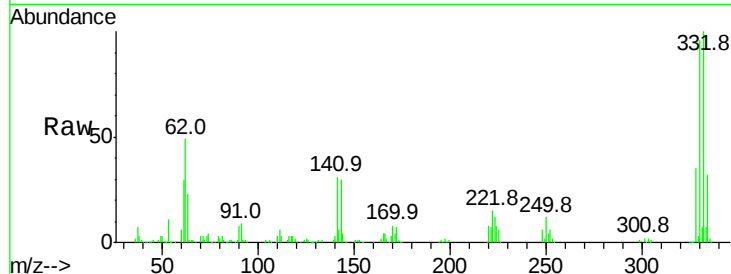




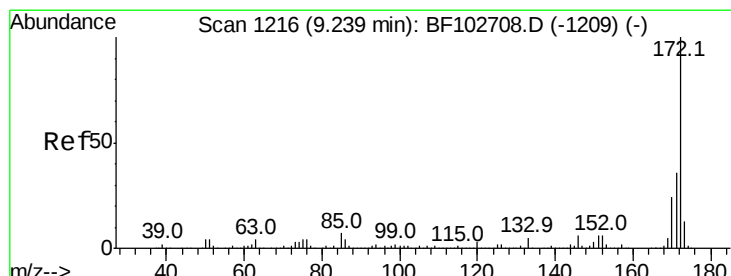
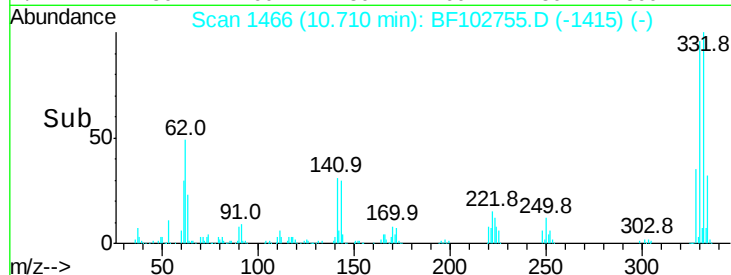
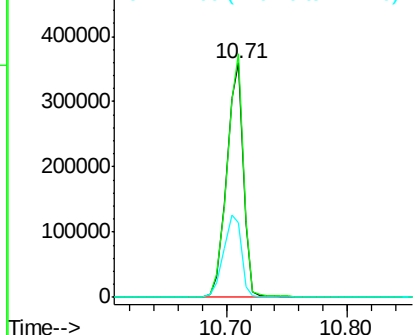
#41
 2,4,6-Tribromophenol
 Concen: 120.379 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BL

Tot Ion:330 Resp: 345563
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 37.5 29.9 44.9

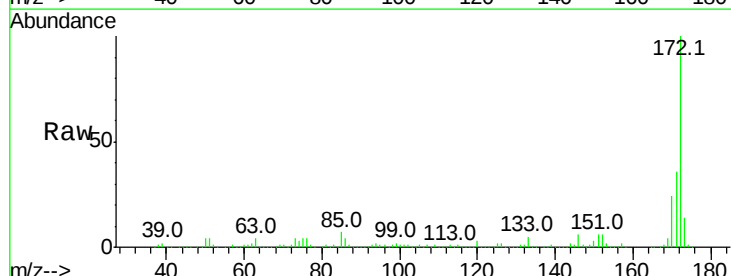


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

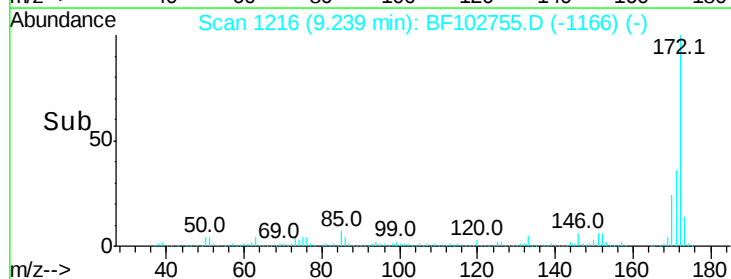
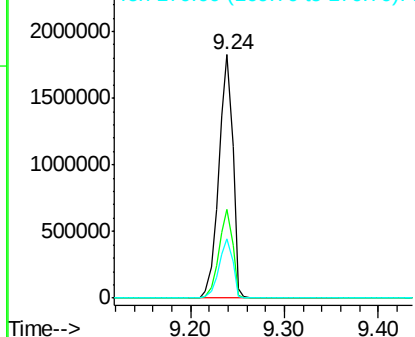


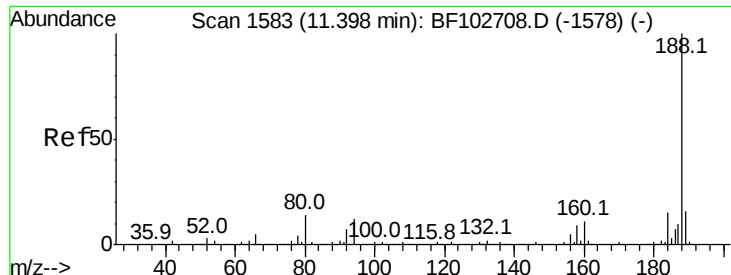
#44
 2-Fluorobiphenyl
 Concen: 88.751 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Tgt Ion:172 Resp: 1907549
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

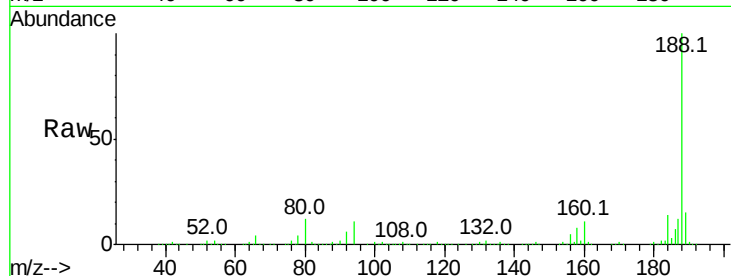




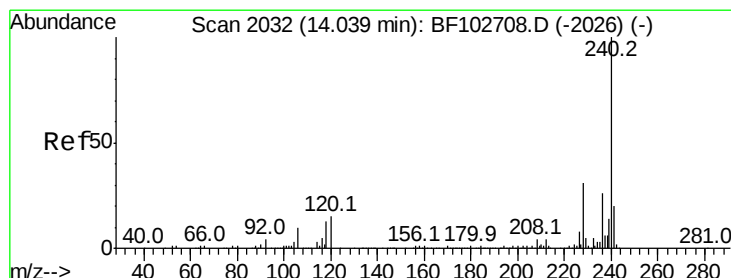
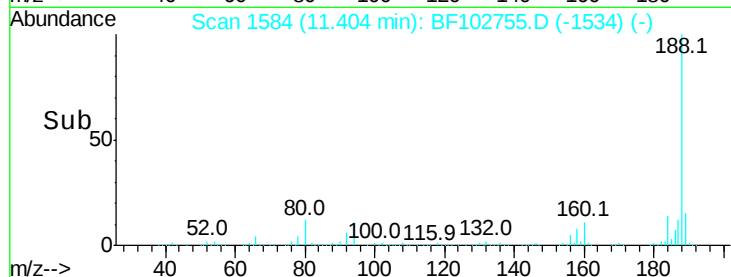
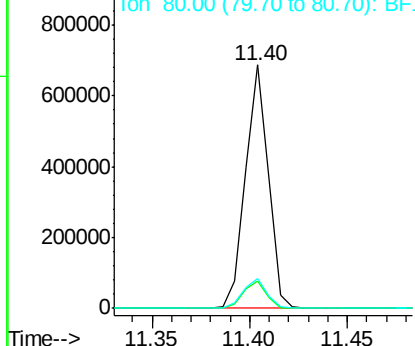
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Instrument :
BNA_F
ClientSampleId :
PB106322BL

Tot Ion:188 Resp: 557088
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.5 9.2 13.8

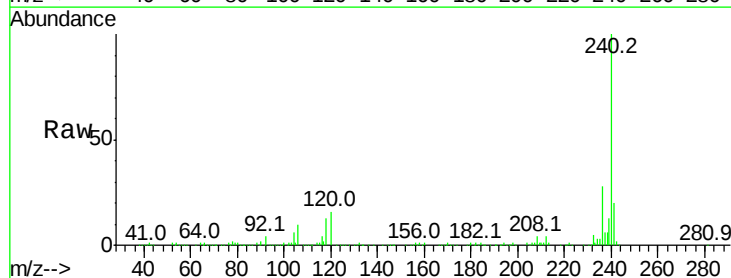


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

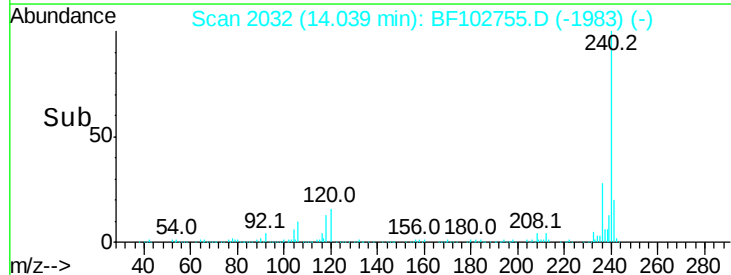
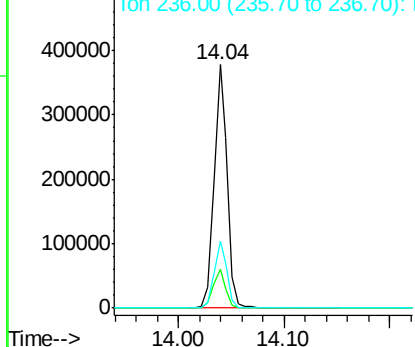


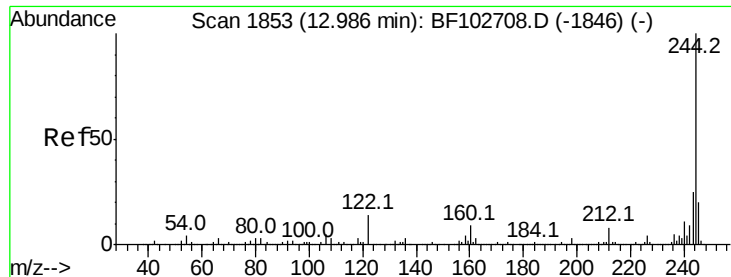
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Tgt Ion:240 Resp: 332544
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 27.6 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: 97.900 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

PB106322BL

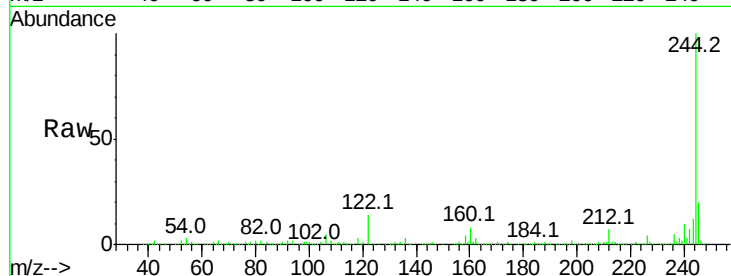
Tot Ion:244 Resp: 1374961

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

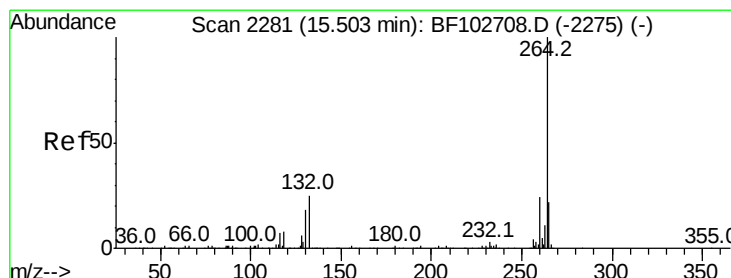
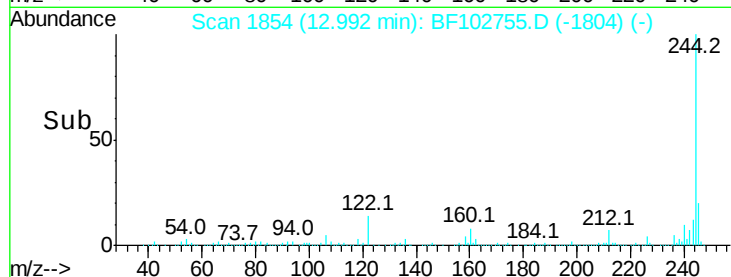
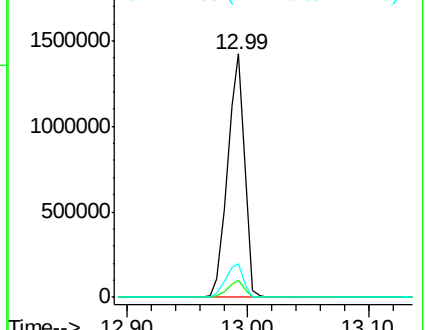
122 13.7 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

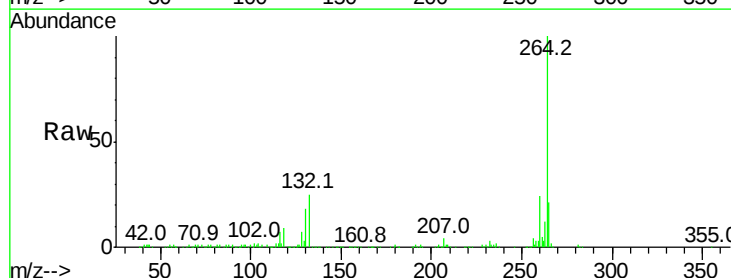
Tgt Ion:264 Resp: 304375

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 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

