

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103182.D
 Acq On : 23 Feb 2018 00:06
 Operator : SJ/JU
 Sample : PB106745BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BL

Quant Time: Feb 23 04:56:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150132	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	629997	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	254258	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	341461	20.00	ng	0.00
75) Chrysene-d12	14.04	240	264700	20.00	ng	0.00
86) Perylene-d12	15.54	264	241402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	954027	96.11	ng	0.01
7) Phenol-d6	6.50	99	1126507	92.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	733155	66.46	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	159722	74.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1129988	74.27	ng	0.00
78) Terphenyl-d14	12.98	244	721033	65.48	ng	0.00

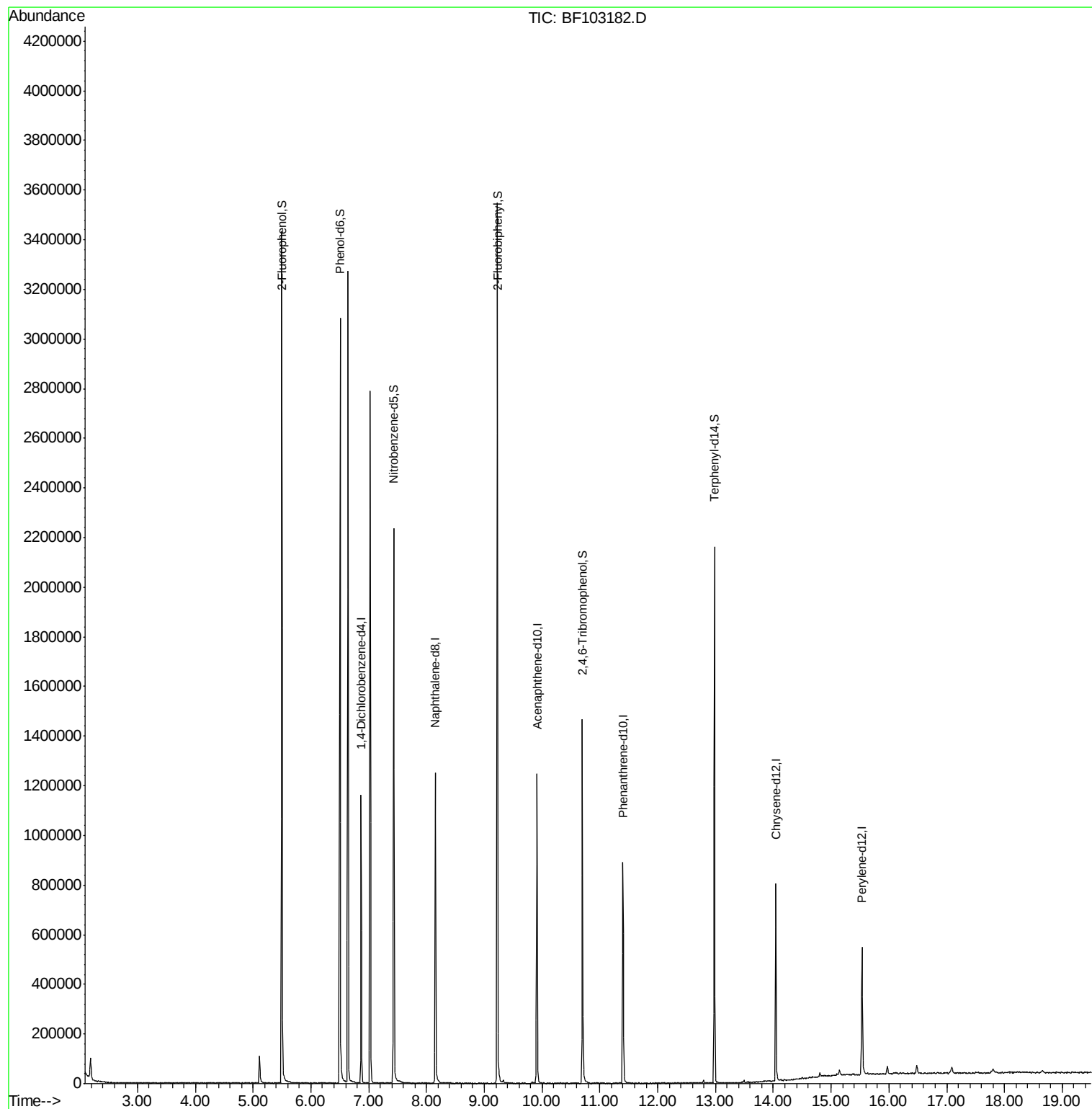
Target Compounds Qvalue

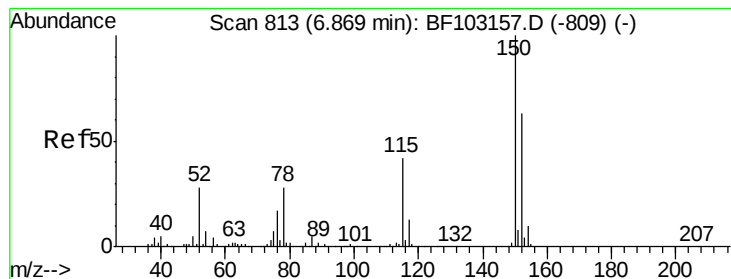
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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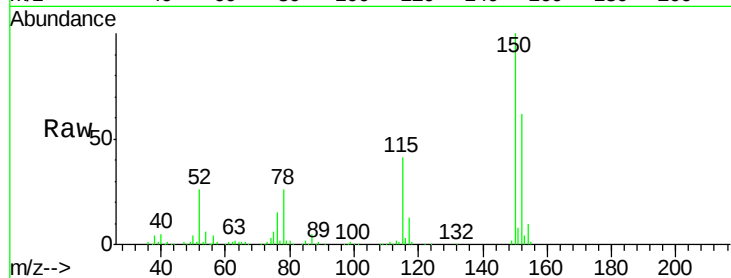


#1

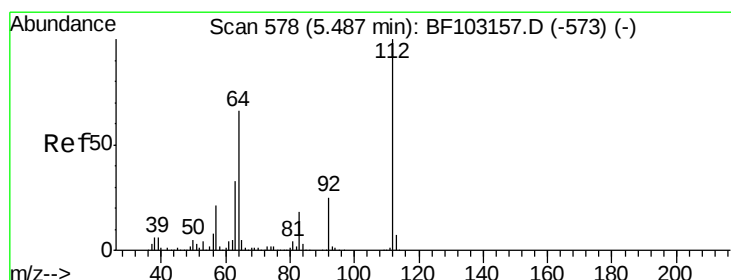
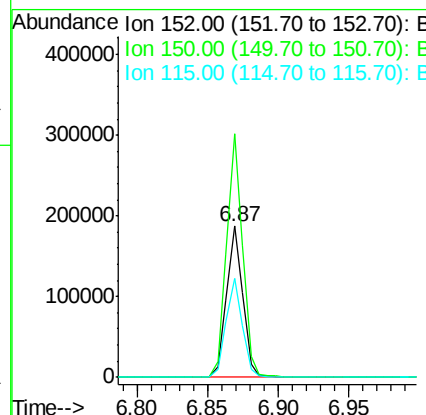
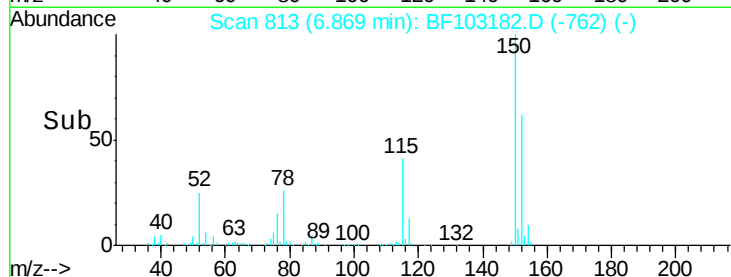
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Instrument :
BNA_F
ClientSampleId :
PB106745BL

Tot Ion	152	Resp	150	132
Ion Ratio	100			
Lower		124.6	186.8	
Upper		186.8	75.1	



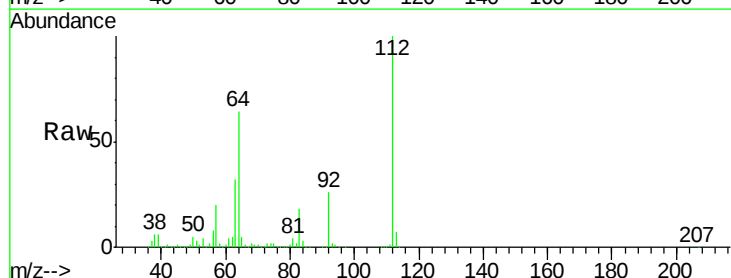
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



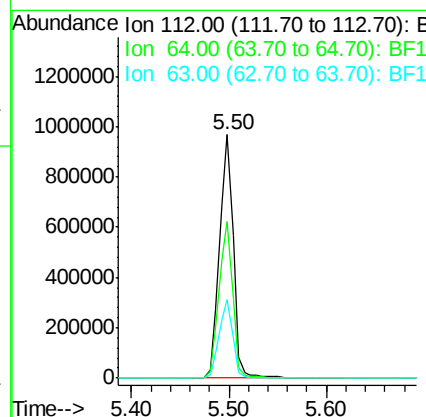
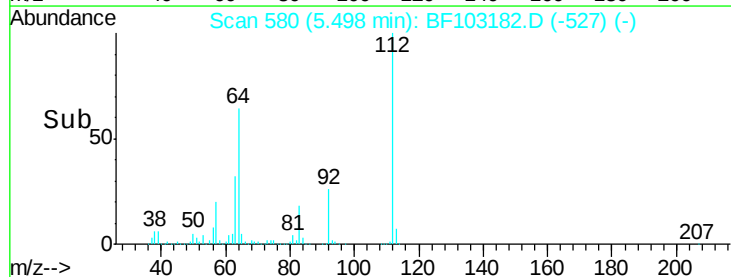
#5

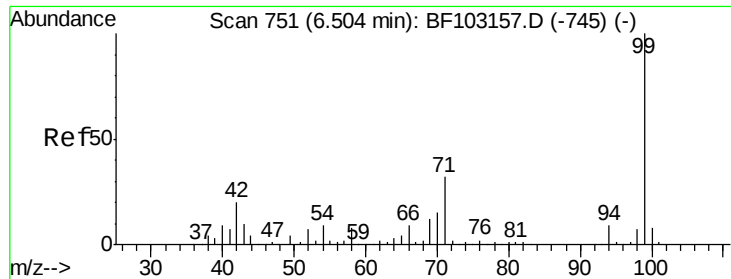
2-Fluorophenol
Concen: 96.109 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Tgt Ion	112	Resp	954	027
Ion Ratio	100			
Lower		47.9	71.9	
Upper		71.9	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: 92.742 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

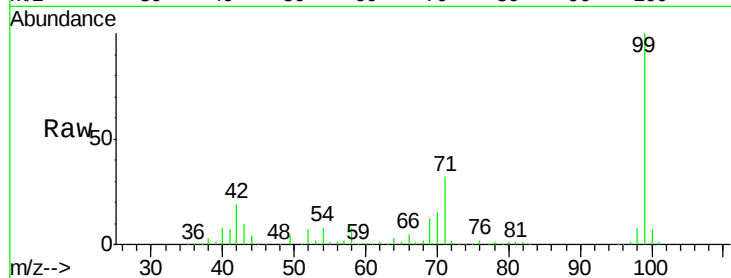
Tot Ion: 99 Resp: 1126507

Ion Ratio Lower Upper

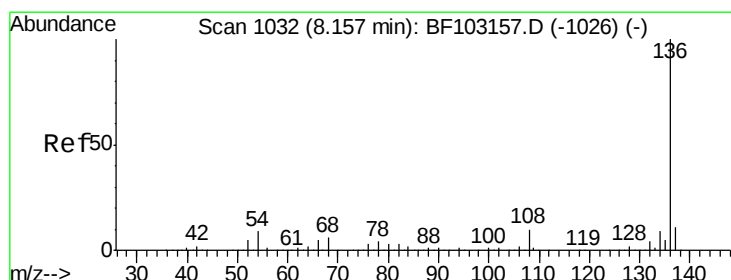
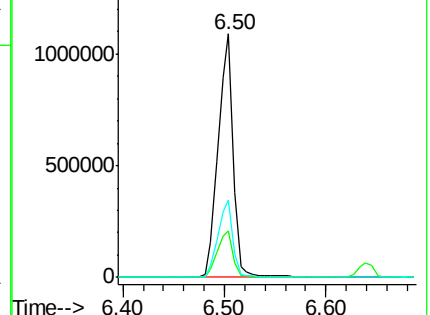
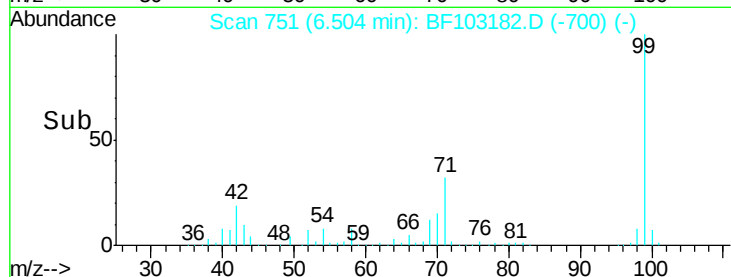
99 100

42 19.1 14.5 21.7

71 31.9 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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Tgt Ion: 136 Resp: 629997

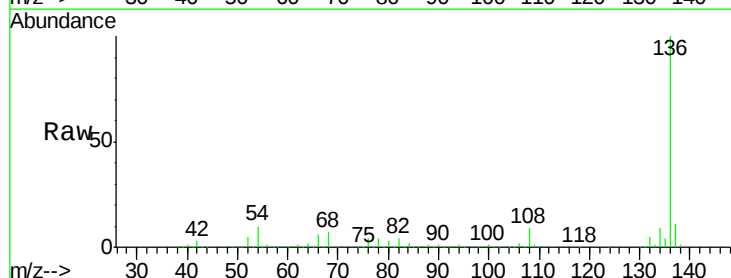
Ion Ratio Lower Upper

136 100

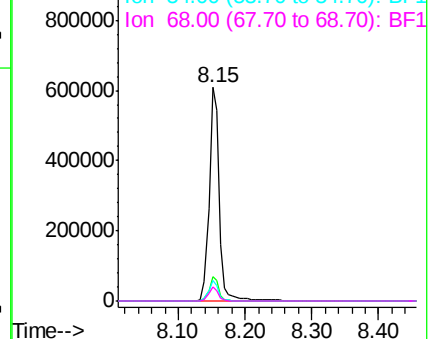
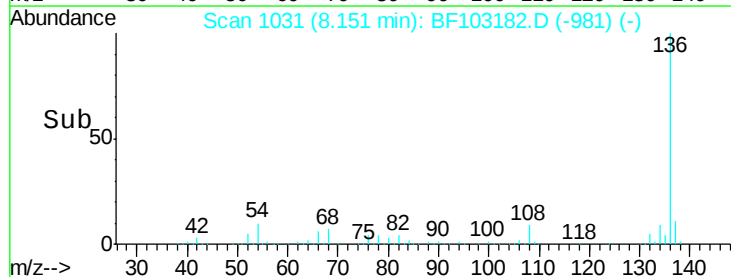
137 11.3 8.9 13.3

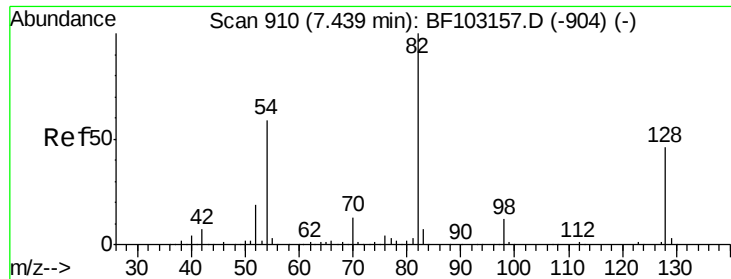
54 9.8 6.6 9.8

68 6.9 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

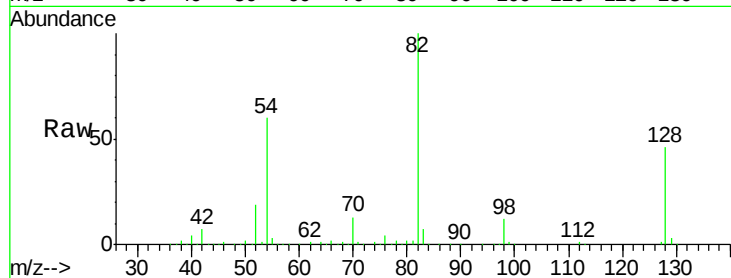




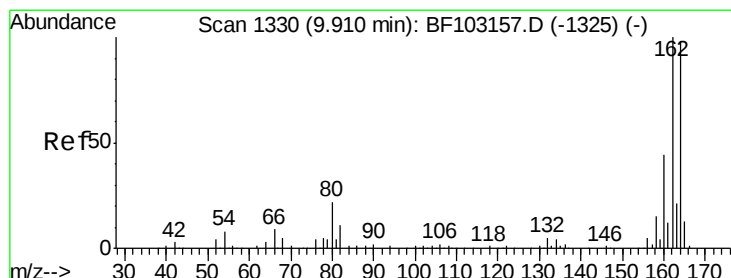
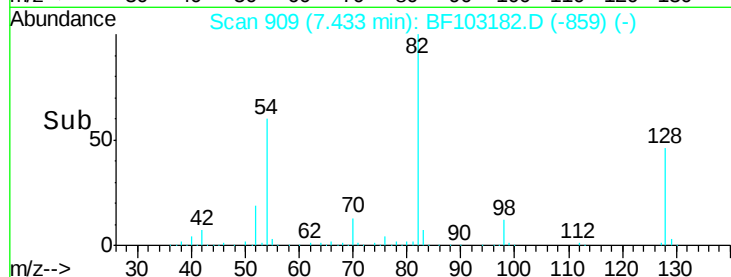
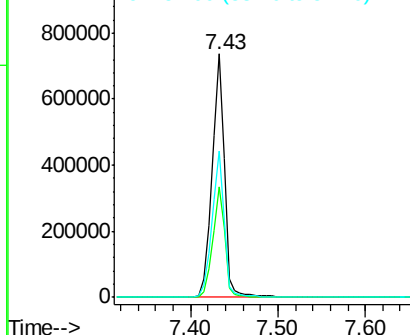
#23
 Nitrobenzene-d5
 Concen: 66.460 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BL

Tot Ion: 82 Resp: 733155
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 60.3 41.4 62.2

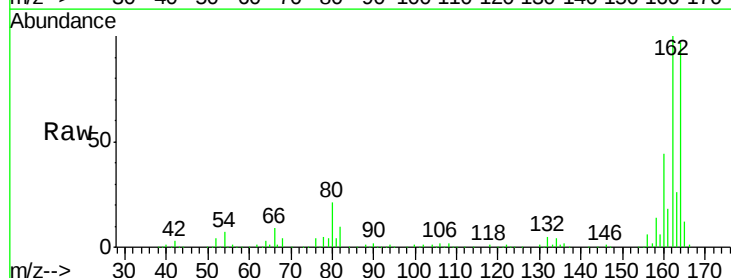


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

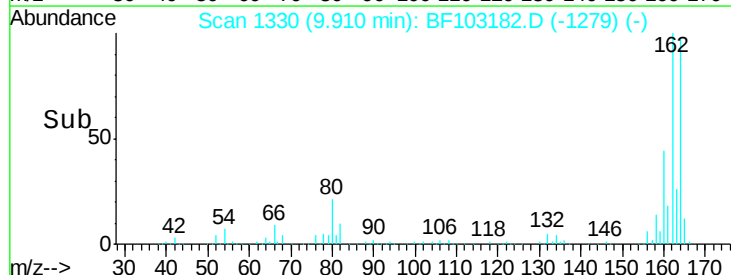
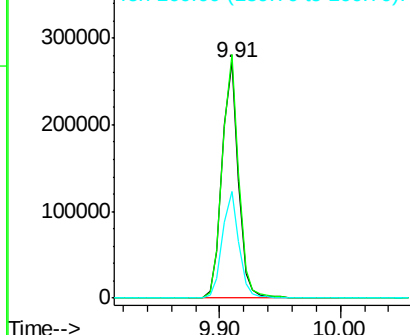


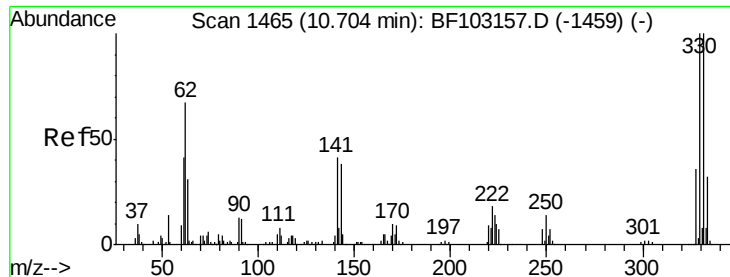
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

Tgt Ion: 164 Resp: 254258
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.1 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

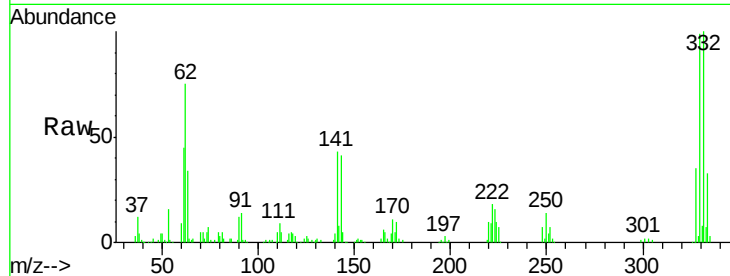




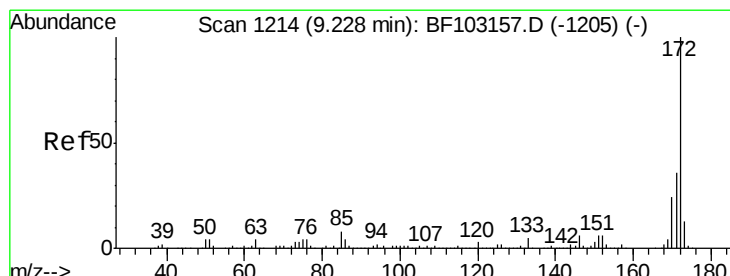
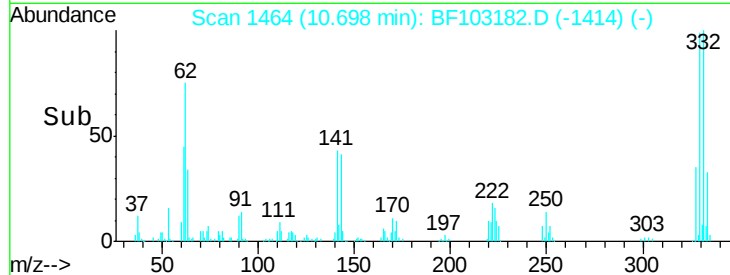
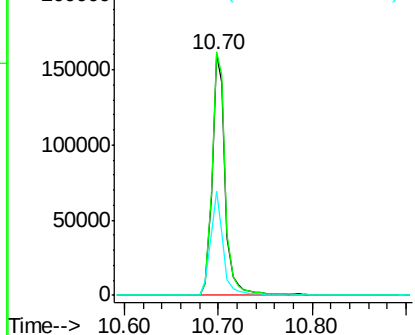
#41
 2,4,6-Tribromophenol
 Concen: 74.215 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BL

Tot Ion:330 Resp: 159722
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.0 115.6
 141 41.6 29.9 44.9

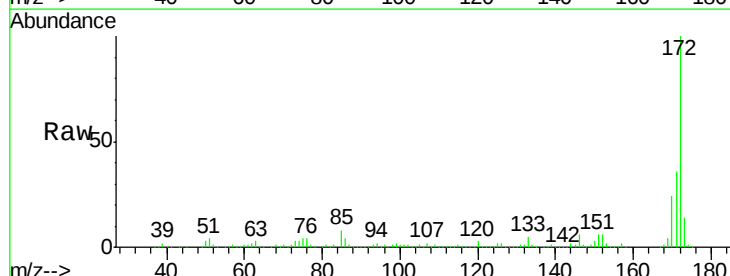


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

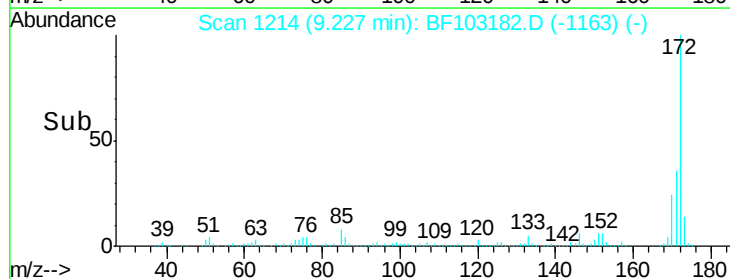
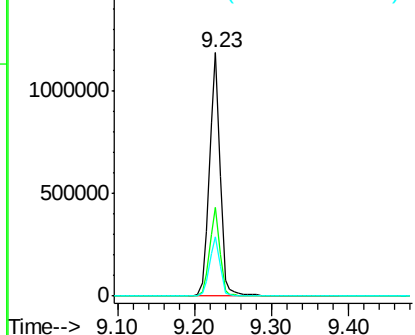


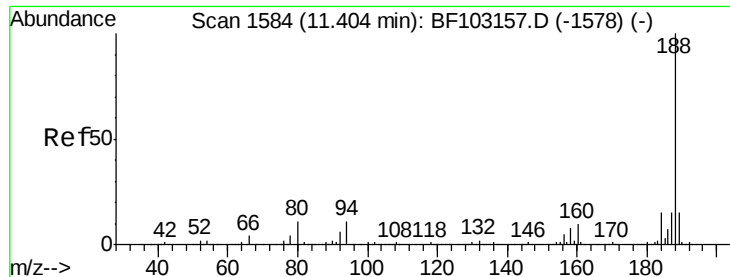
#44
 2-Fluorobiphenyl
 Concen: 74.275 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

Tgt Ion:172 Resp: 1129988
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 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# 1583

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

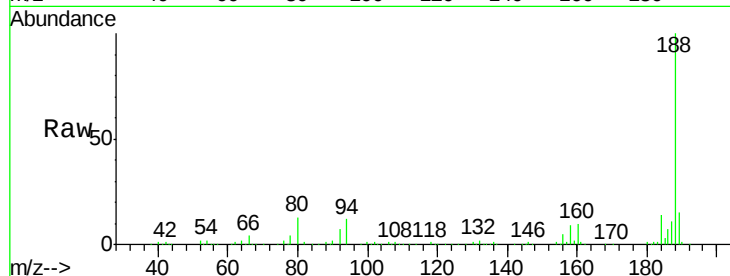
Tot Ion:188 Resp: 341461

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

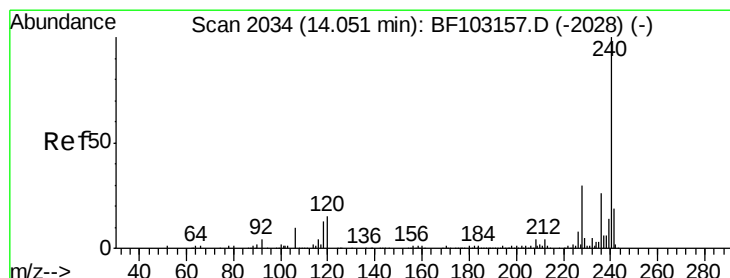
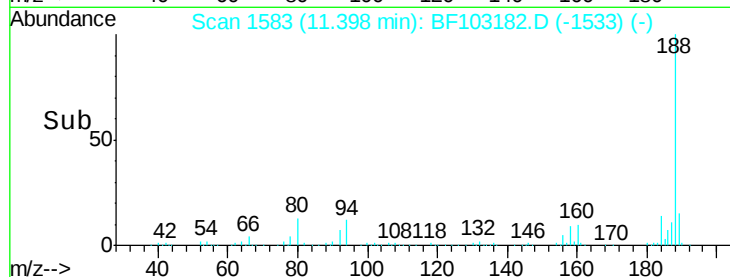
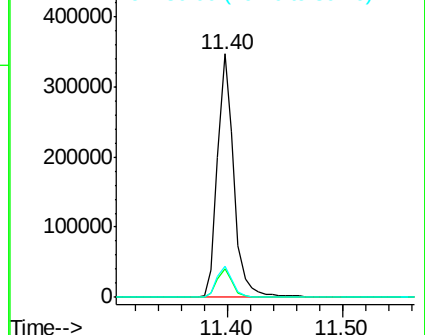
80 13.0 9.2 13.8



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# 2033

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

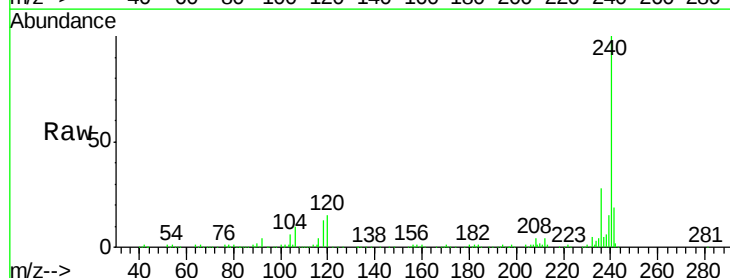
Tgt Ion:240 Resp: 264700

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

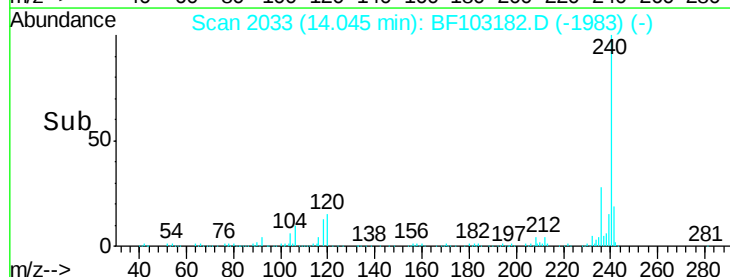
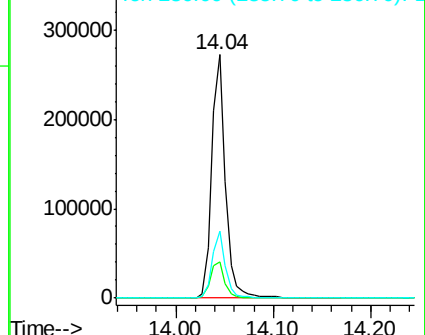
236 27.7 20.7 31.1

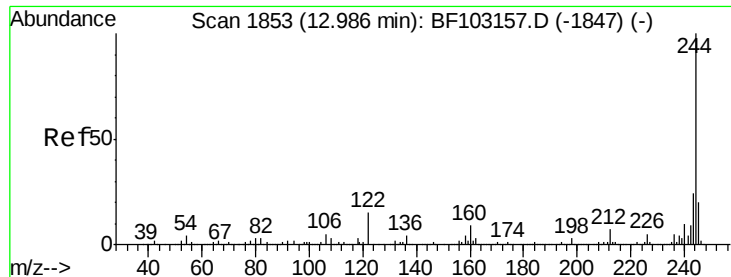


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.480 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

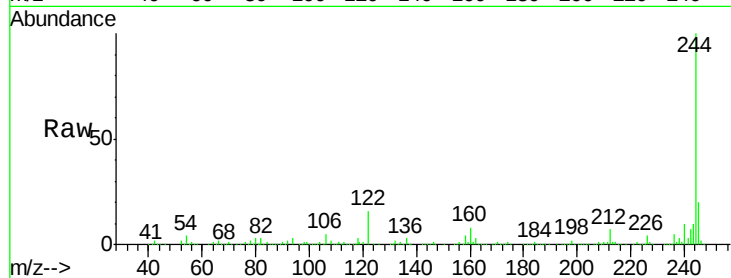
Tot Ion:244 Resp: 721033

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

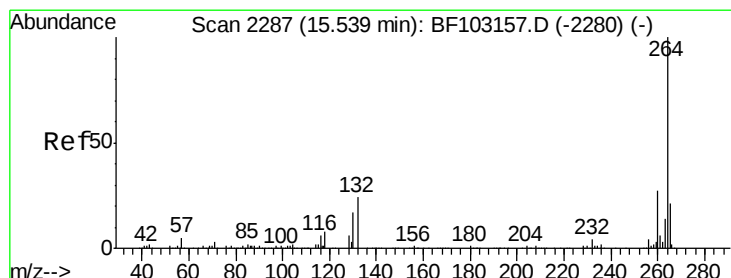
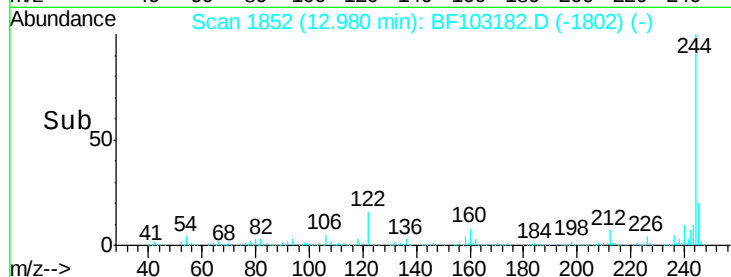
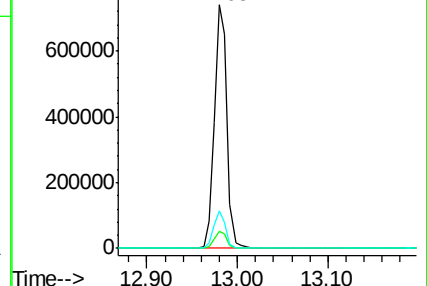
122 15.7 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

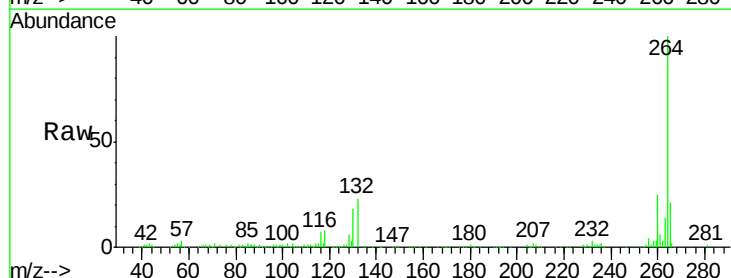
Tgt Ion:264 Resp: 241402

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.1 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

