

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103640.D
 Acq On : 14 Mar 2018 15:05
 Operator : SJ/JU
 Sample : PB107325BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BL

Quant Time: Mar 14 18:20:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125746	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	562133	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	248834	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	422707	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245250	20.00	ng	0.00
86) Perylene-d12	15.57	264	229307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1084994	130.50	ng	0.00
7) Phenol-d6	6.50	99	1384306	136.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	916216	93.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	177173	84.12	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1346108	96.09	ng	0.00
78) Terphenyl-d14	12.98	244	993403	97.37	ng	0.00

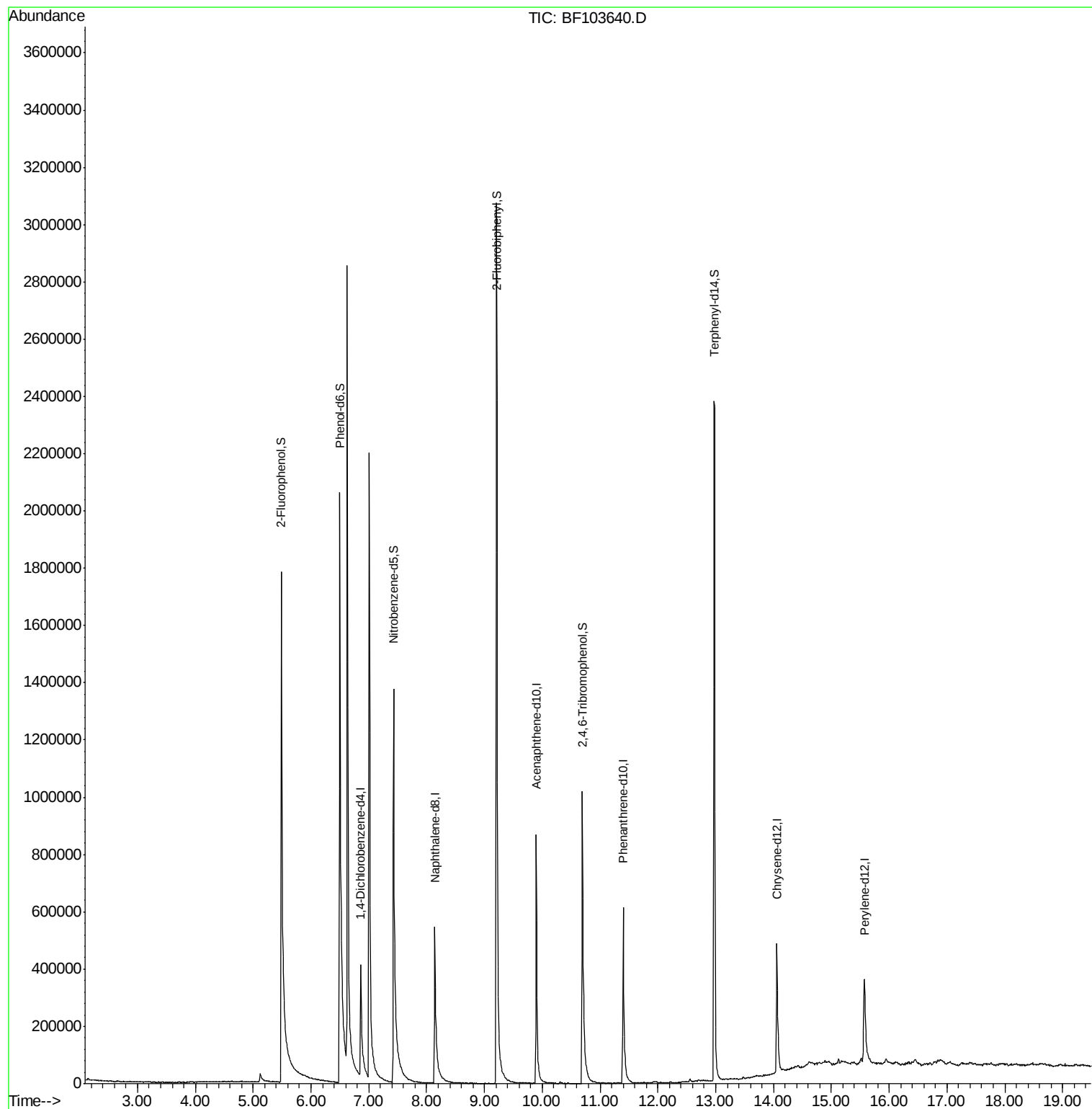
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103640.D
Acq On : 14 Mar 2018 15:05
Operator : SJ/JU
Sample : PB107325BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107325BL

Quant Time: Mar 14 18:20:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107325BL

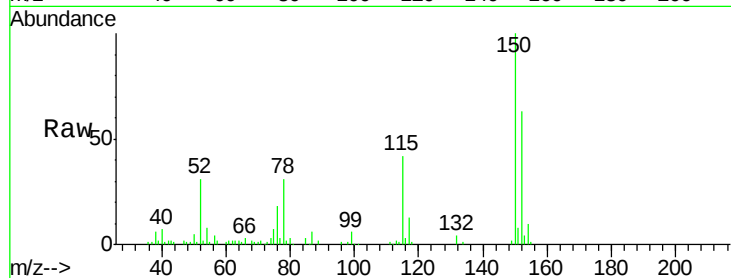
Tot Ion:152 Resp: 125746

Ion Ratio Lower Upper

152 100

150 158.5 124.6 186.8

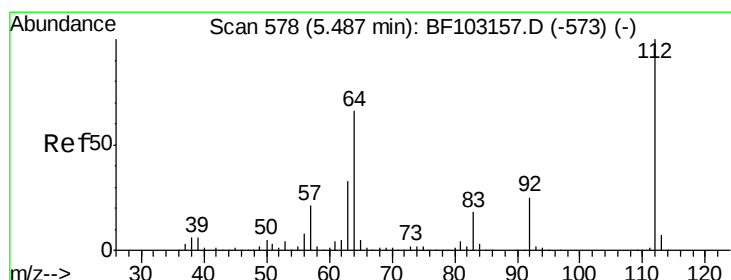
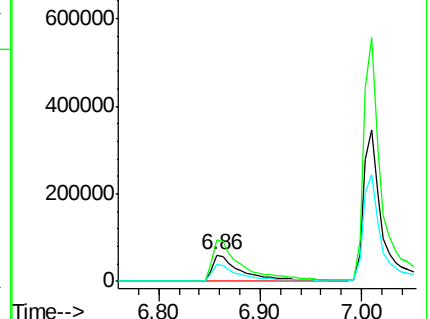
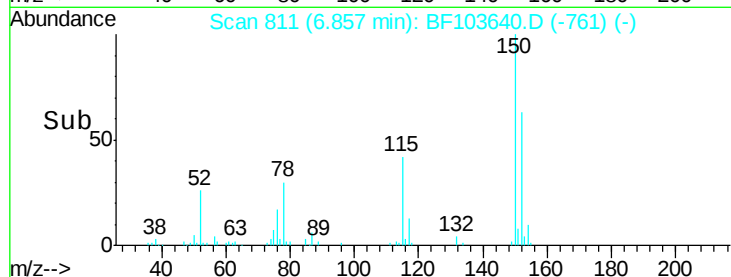
115 66.9 50.1 75.1



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: 130.499 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

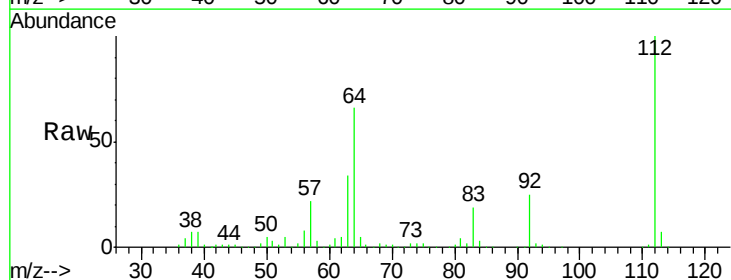
Tgt Ion:112 Resp: 1084994

Ion Ratio Lower Upper

112 100

64 66.3 47.9 71.9

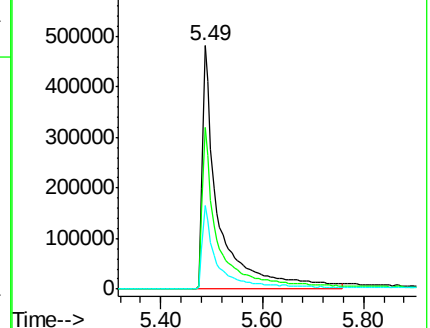
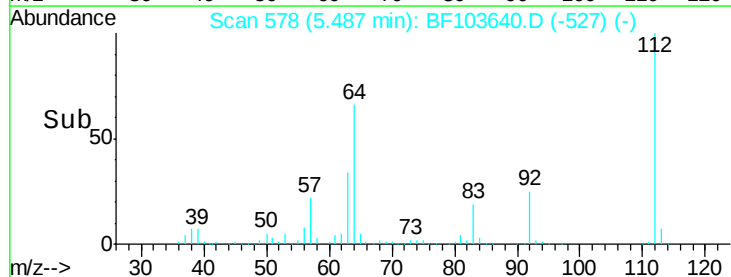
63 34.4 23.7 35.5

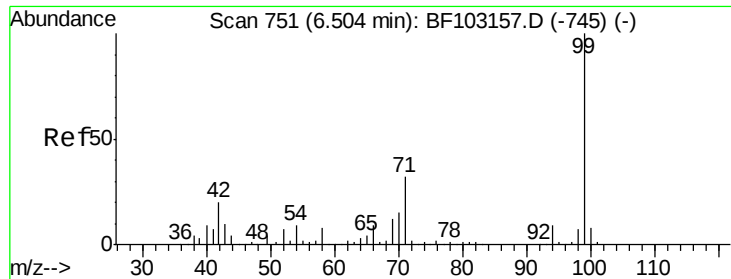


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 136.068 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107325BL

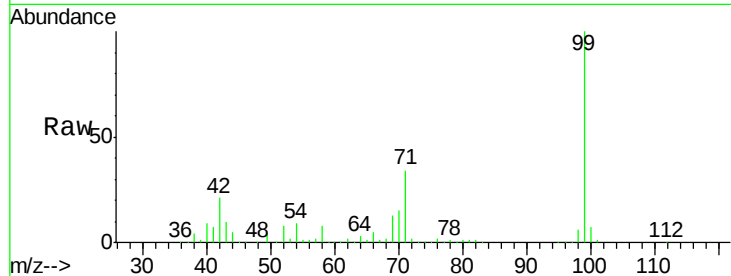
Tot Ion: 99 Resp: 1384306

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

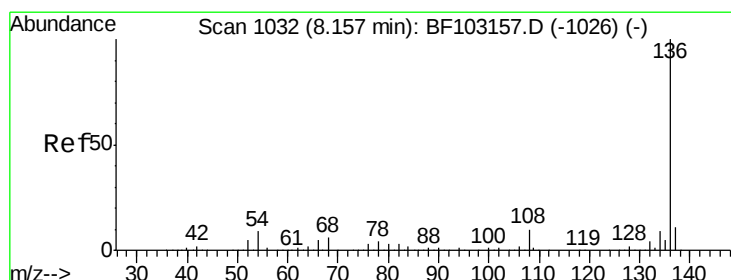
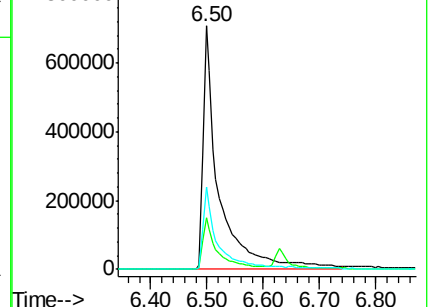
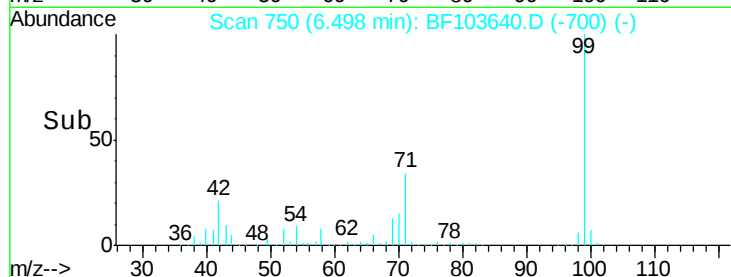
71 33.6 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Tgt Ion:136 Resp: 562133

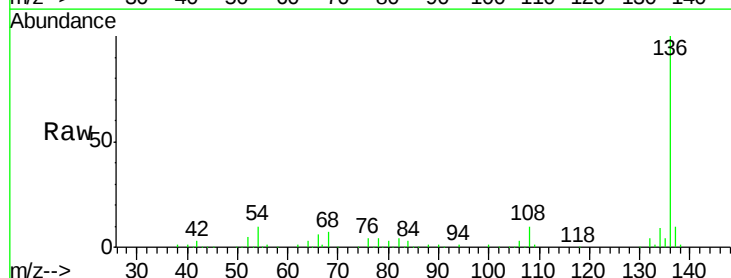
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4

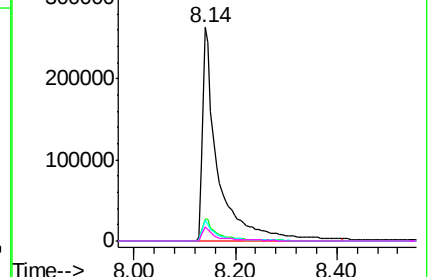
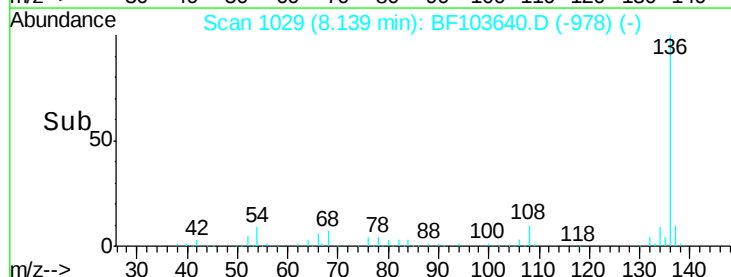


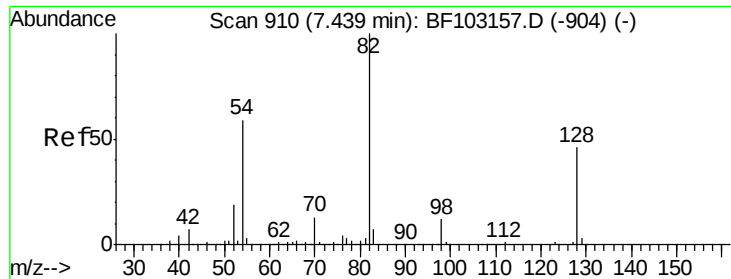
Abundance Ion 136.00 (135.70 to 136.70): E

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

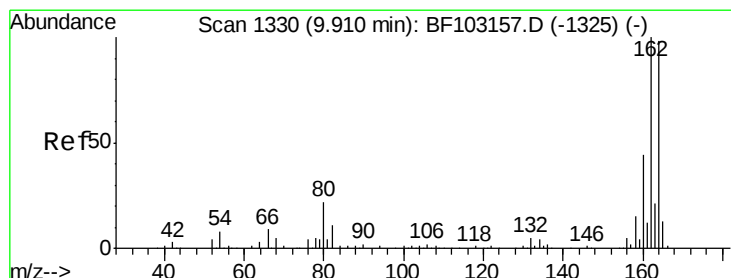
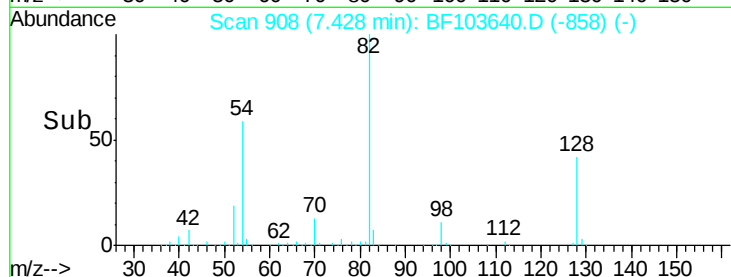
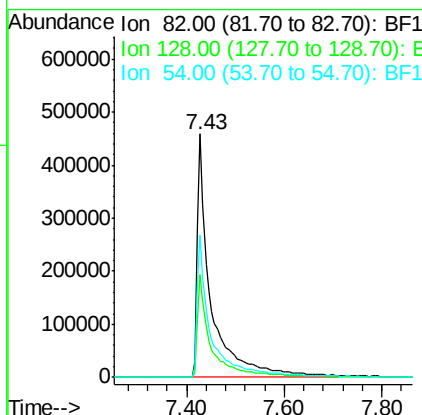
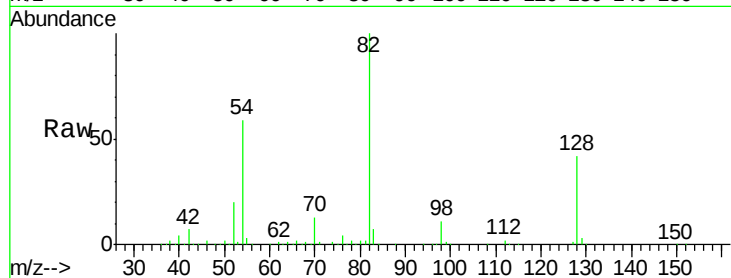




#23
Nitrobenzene-d5
Concen: 93.081 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

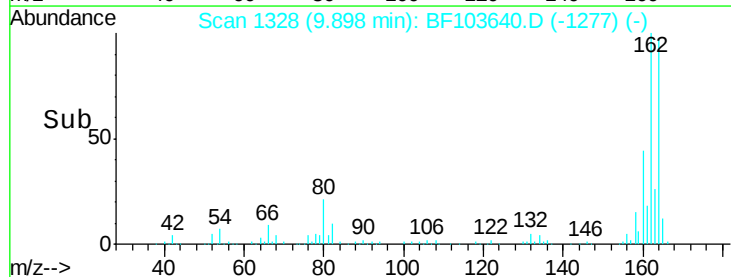
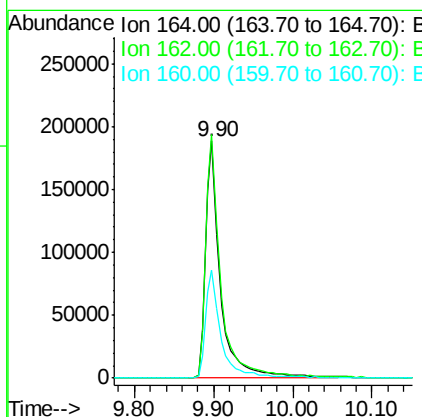
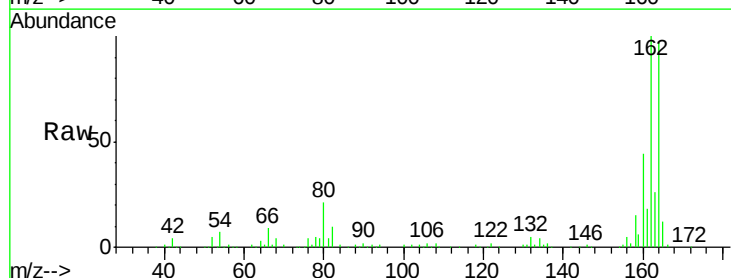
Instrument :
BNA_F
ClientSampleId :
PB107325BL

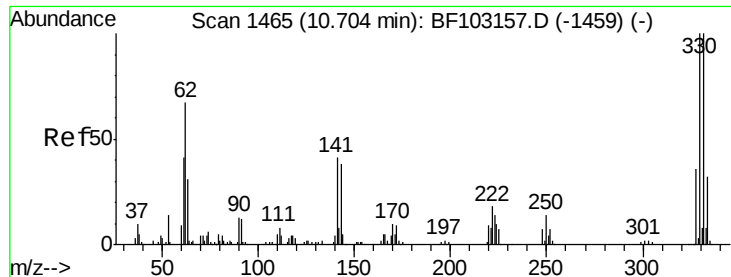
Tot Ion: 82 Resp: 916216
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 58.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion:164 Resp: 248834
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 84.118 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107325BL

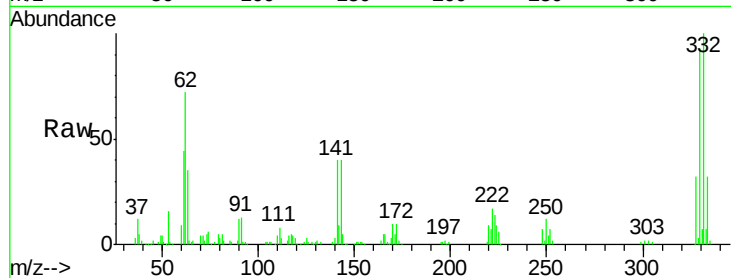
Tot Ion:330 Resp: 177173

Ion Ratio Lower Upper

330 100

332 102.7 77.0 115.6

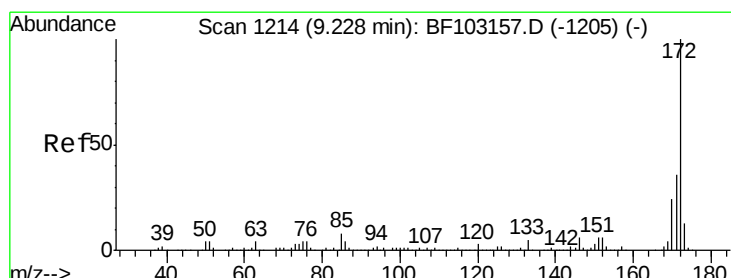
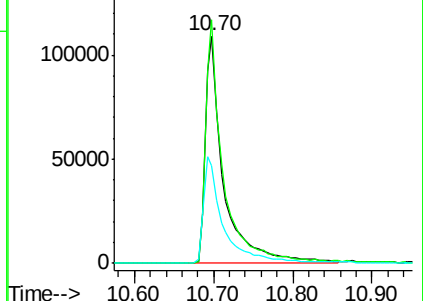
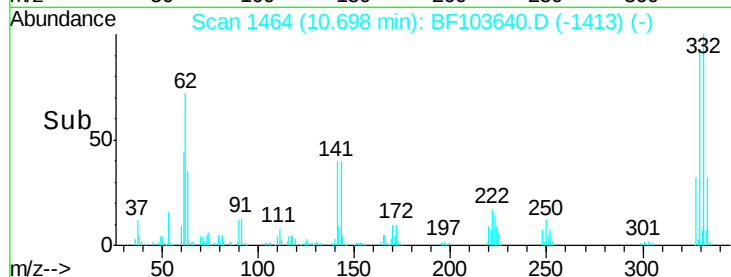
141 50.8 29.9 44.9#



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: 96.093 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

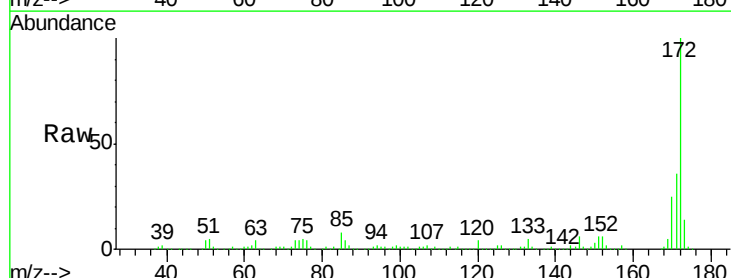
Tgt Ion:172 Resp: 1346108

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

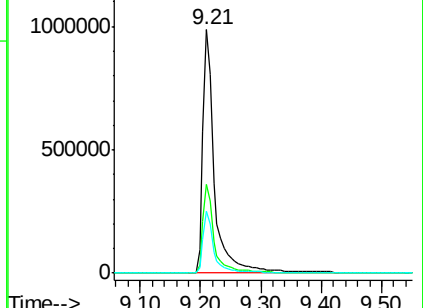
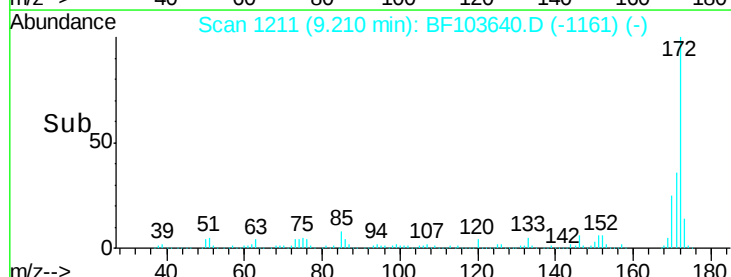
170 25.2 19.6 29.4

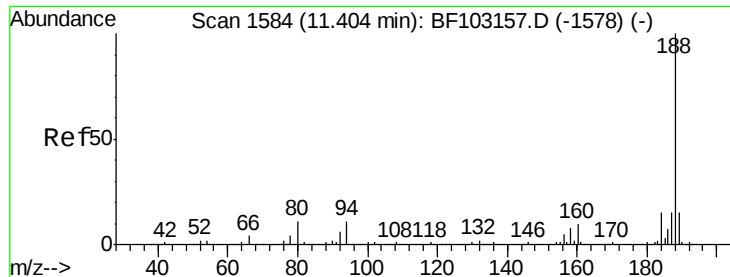


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1583

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107325BL

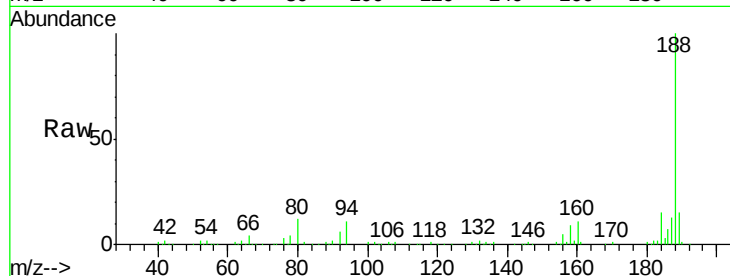
Tot Ion:188 Resp: 422707

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

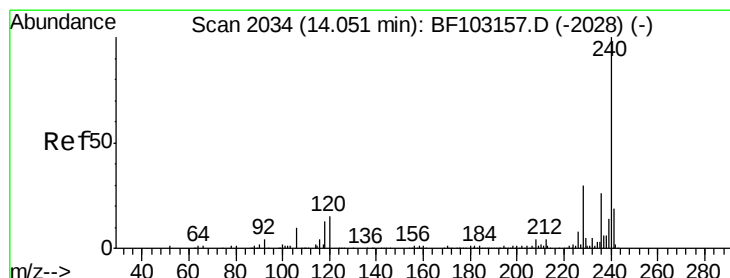
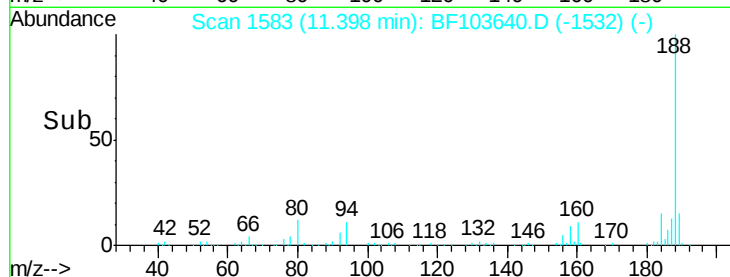
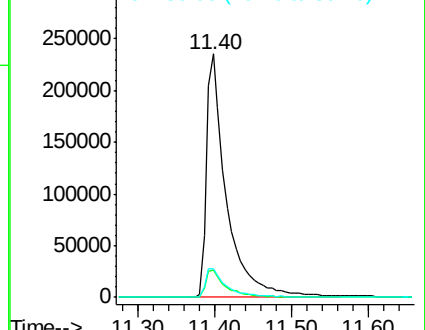
80 11.9 9.2 13.8



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: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

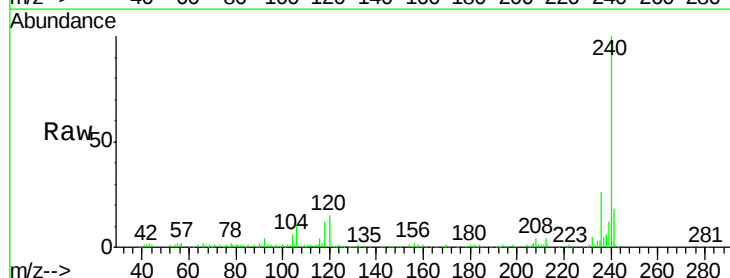
Tgt Ion:240 Resp: 245250

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

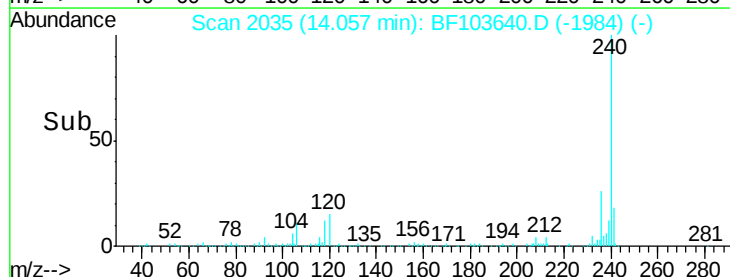
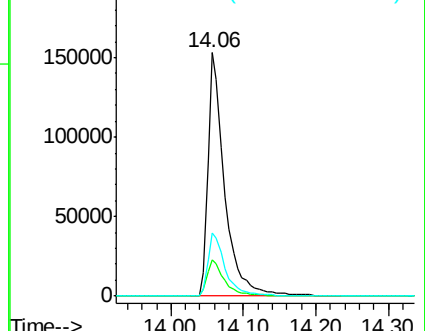
236 25.8 20.7 31.1

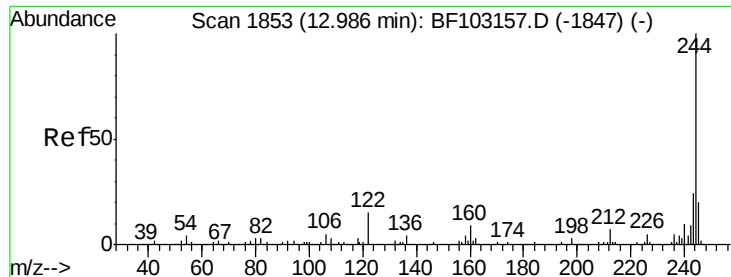


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.370 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107325BL

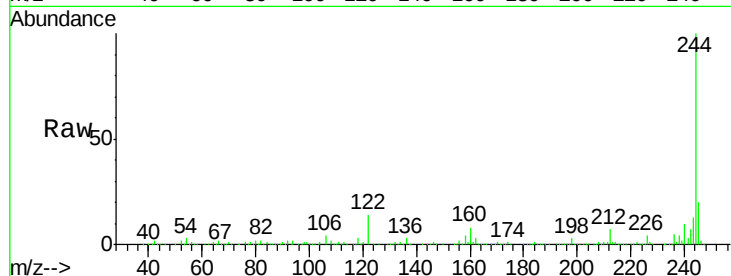
Tot Ion:244 Resp: 993403

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

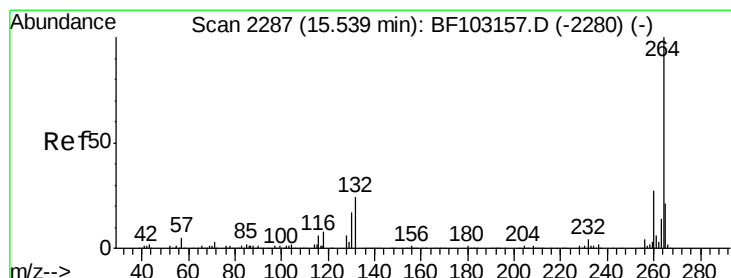
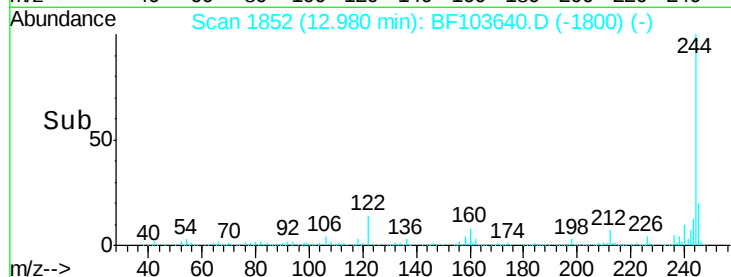
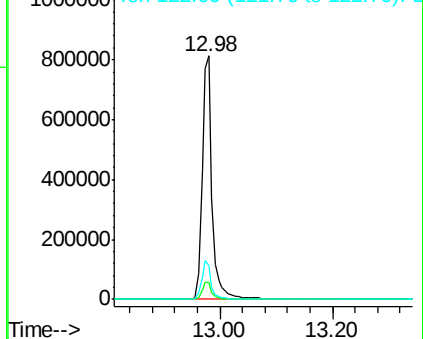
122 13.6 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

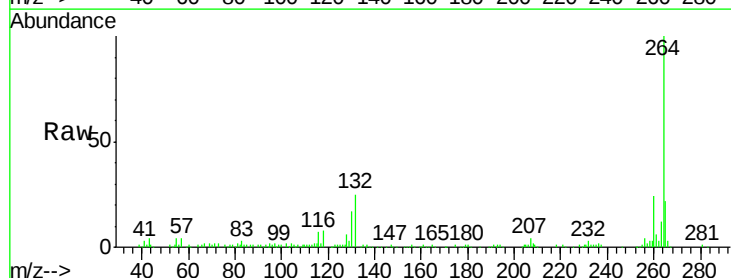
Tgt Ion:264 Resp: 229307

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 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

