

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096840.D
 Acq On : 18 Jul 2017 11:39
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3573-PA3

Quant Time: Jul 18 13:59:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110770	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	514235	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	211276	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	334696	20.00	ng	0.00
75) Chrysene-d12	13.73	240	197833	20.00	ng	0.00
86) Perylene-d12	15.10	264	179042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	320736	43.54	ng	0.00
7) Phenol-d6	6.24	99	244013	27.60	ng	-0.01
23) Nitrobenzene-d5	7.16	82	591661	71.27	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	185908	103.09	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	986713	73.79	ng	0.00
78) Terphenyl-d14	12.69	244	709721	62.22	ng	0.00

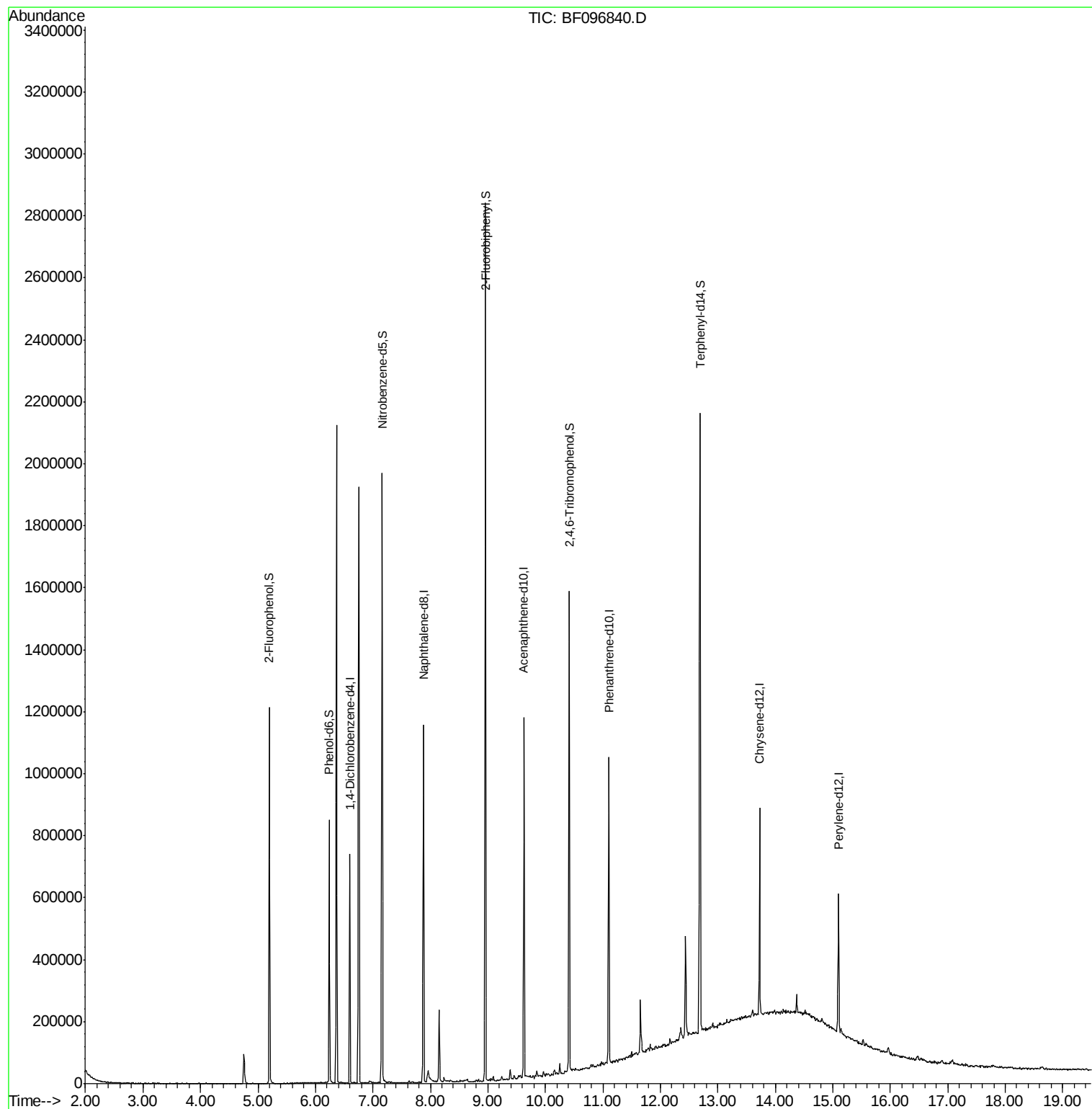
Target Compounds Qvalue

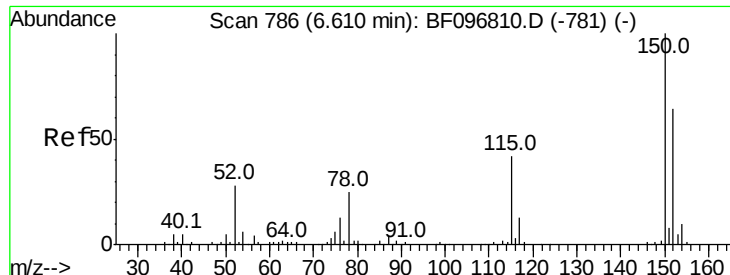
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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3573-PA3

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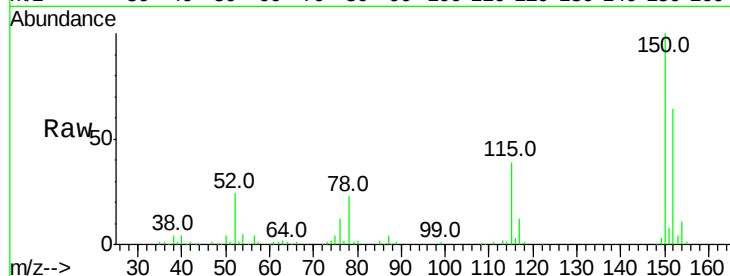


#1

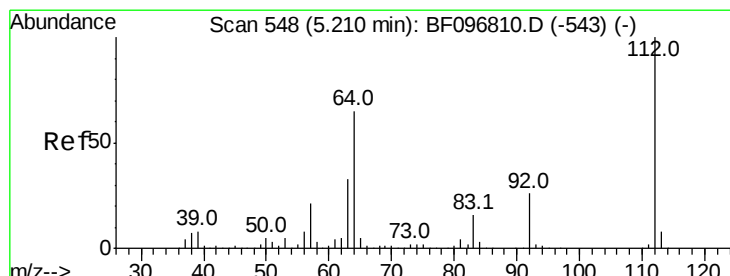
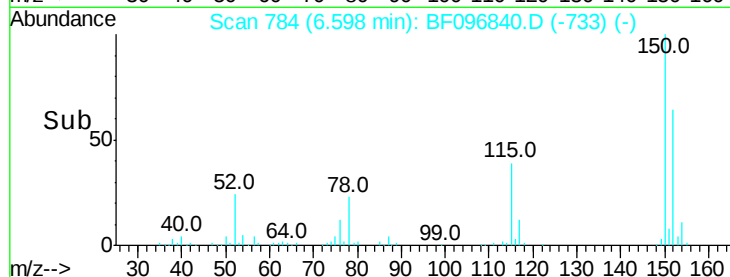
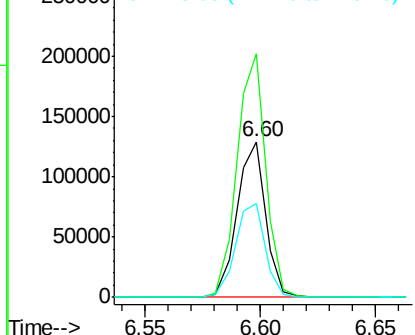
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Instrument :
BNA_F
ClientSampled :
3573-PA3

Tot Ion:152 Resp: 110770
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 60.8 52.2 78.2



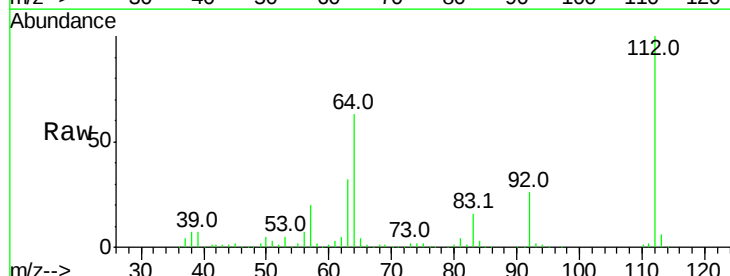
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



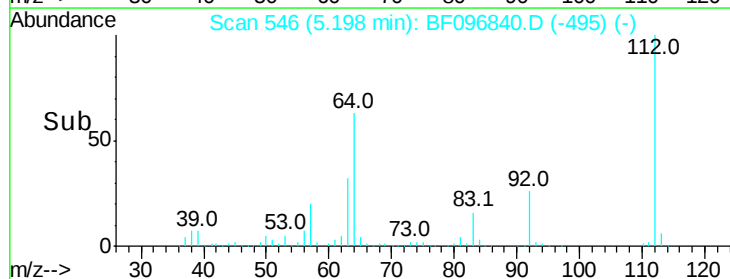
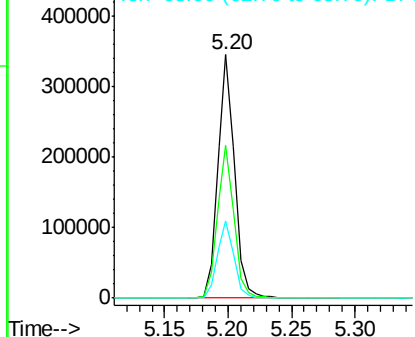
#5

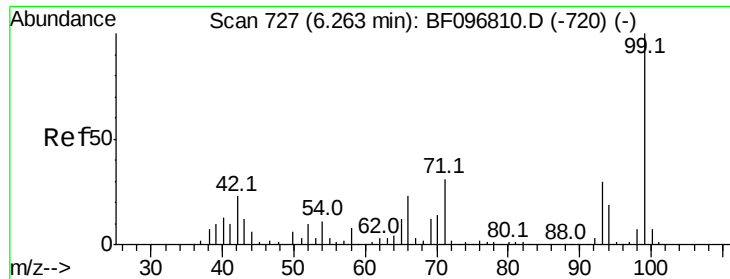
2-Fluorophenol
Concen: 43.536 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Tgt Ion:112 Resp: 320736
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 31.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.601 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

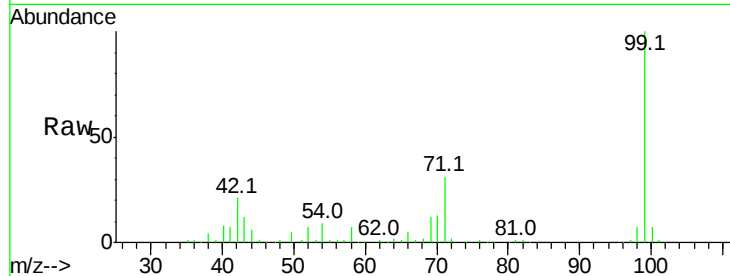
Tot Ion: 99 Resp: 244013

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

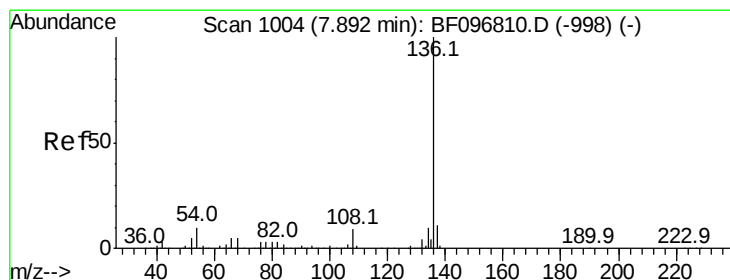
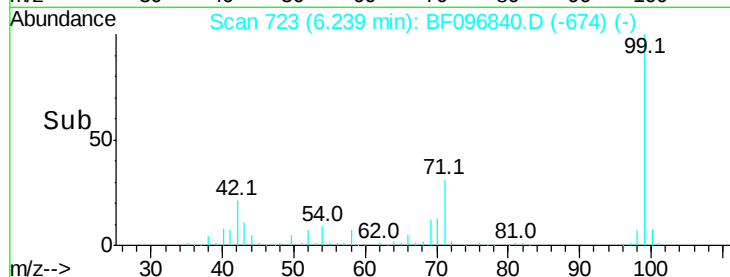
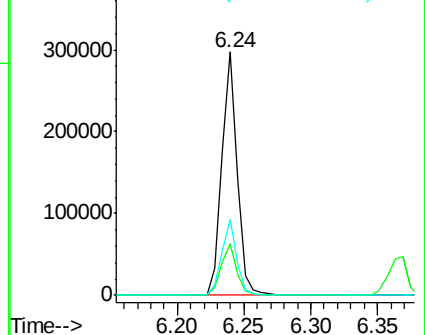
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Tgt Ion: 136 Resp: 514235

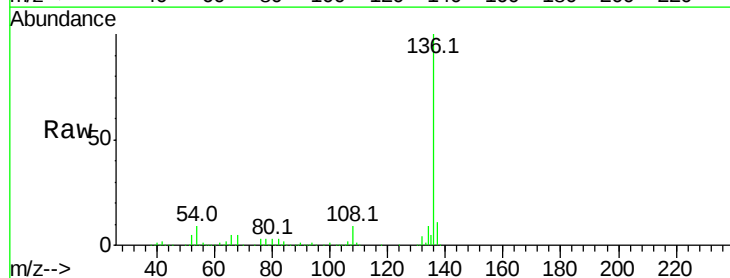
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.4 4.9 7.3#

68 4.9 4.1 6.1

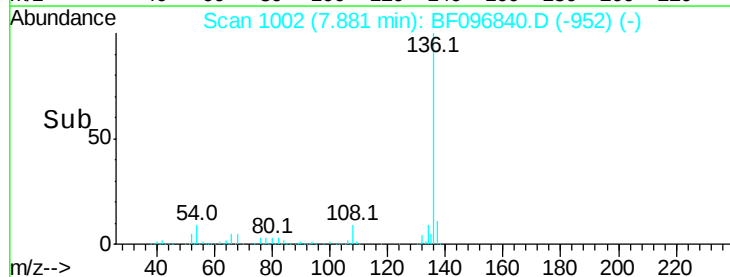
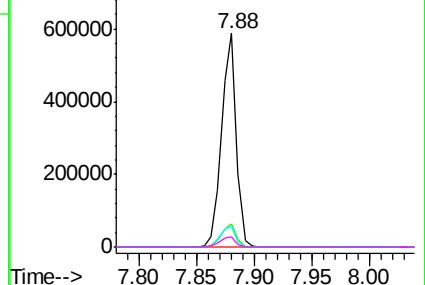


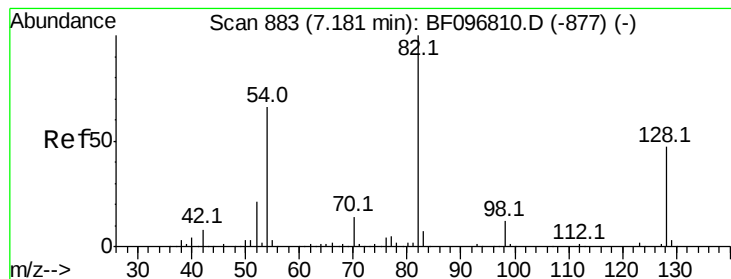
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 71.267 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

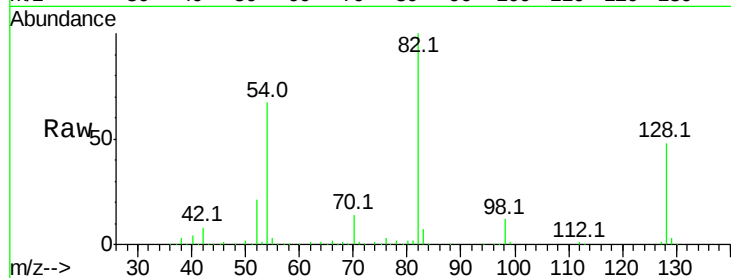
Tot Ion: 82 Resp: 591661

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

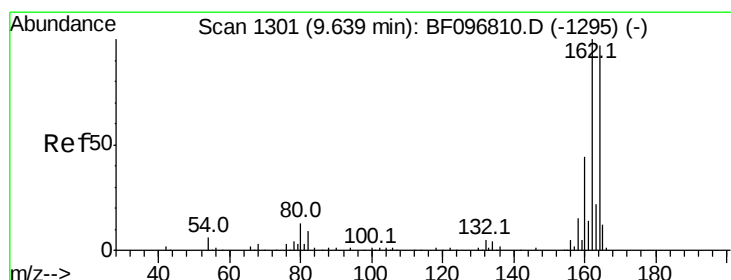
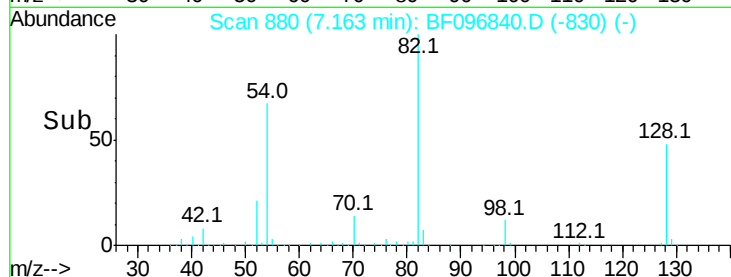
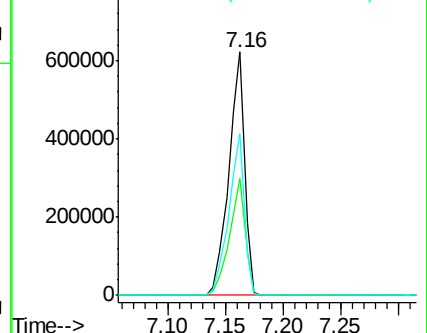
54 66.5 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

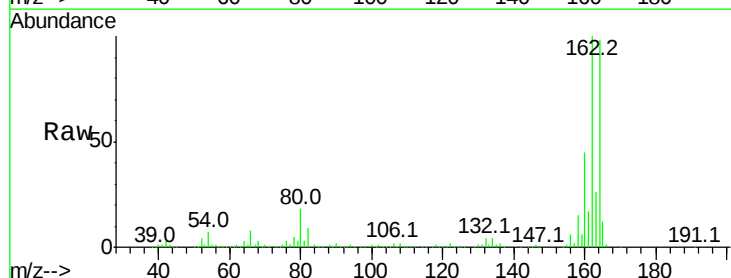
Tgt Ion:164 Resp: 211276

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

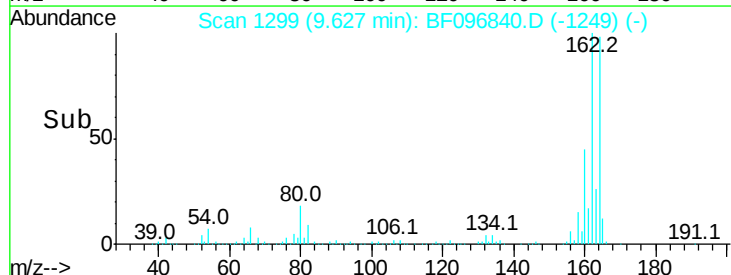
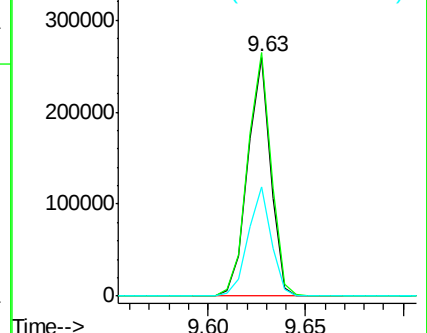
160 46.0 36.2 54.2

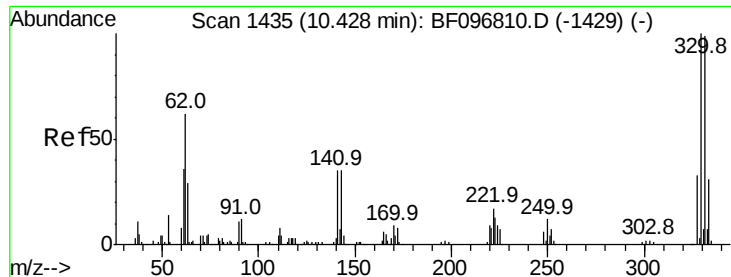


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

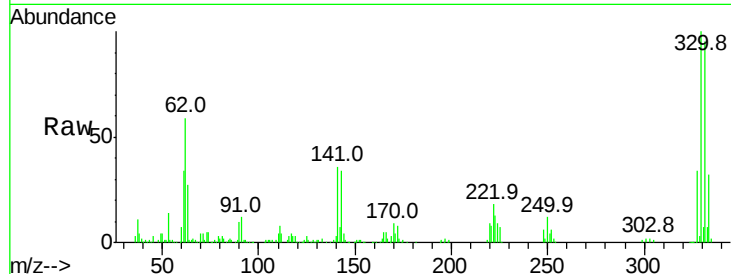




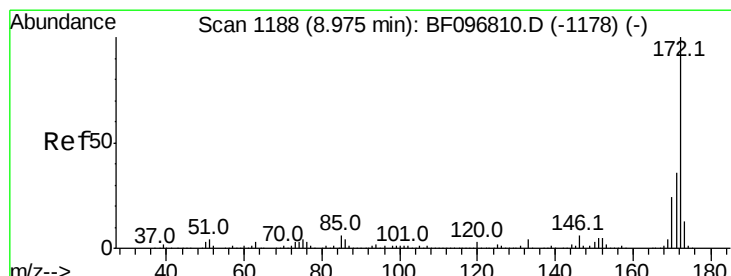
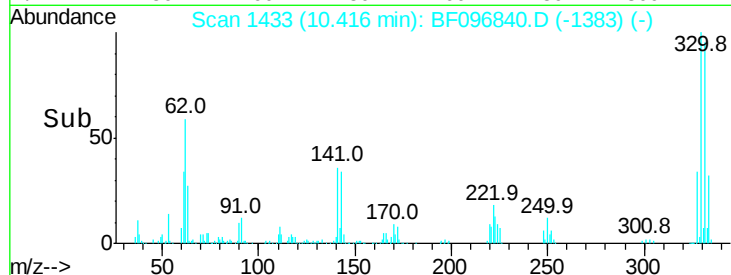
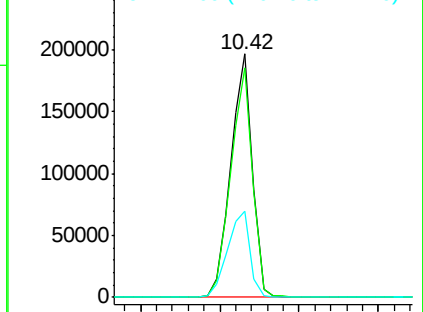
#41
 2,4,6-Tribromophenol
 Concen: 103.086 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

Instrument :
 BNA_F
 ClientSampleId :
 3573-PA3

Tot Ion:330 Resp: 185908
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 37.1 31.4 47.2

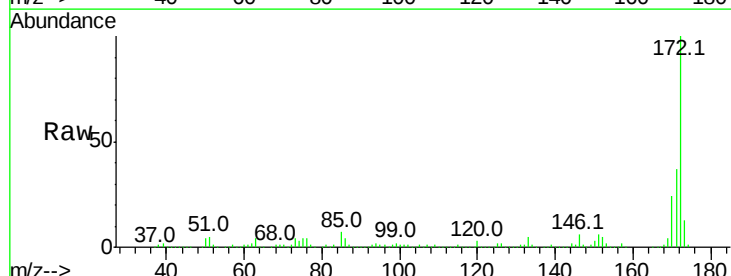


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

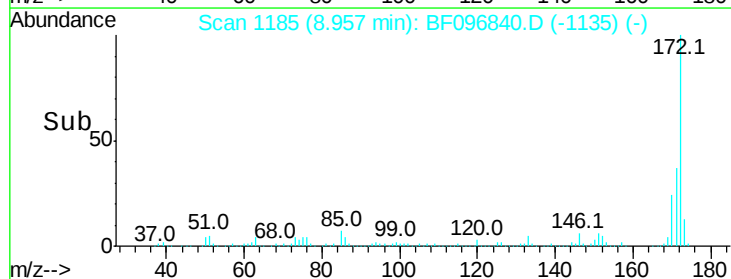
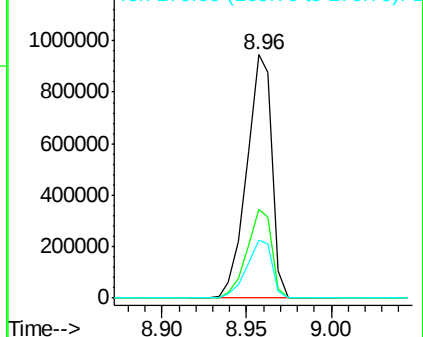


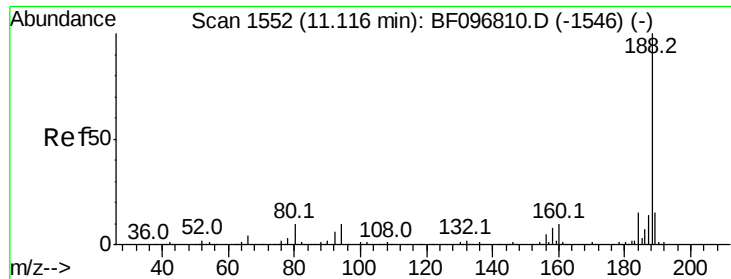
#44
 2-Fluorobiphenyl
 Concen: 73.786 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

Tgt Ion:172 Resp: 986713
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 19.8 29.8



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: 11.10 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

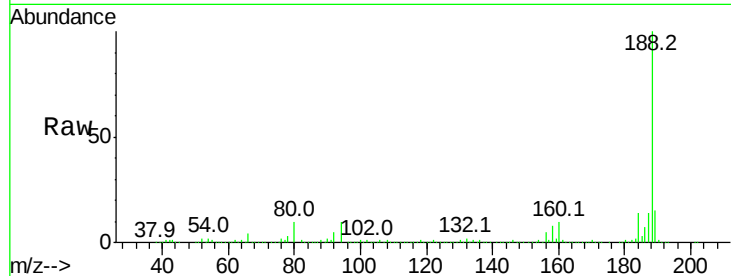
Tot Ion:188 Resp: 334696

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

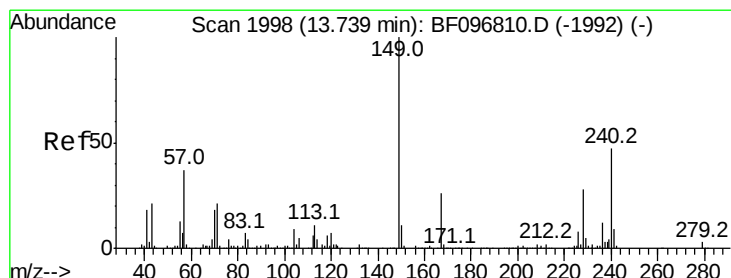
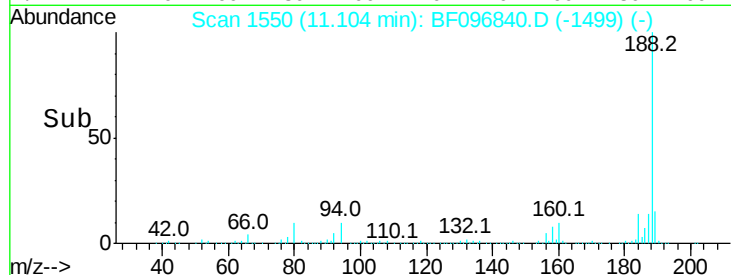
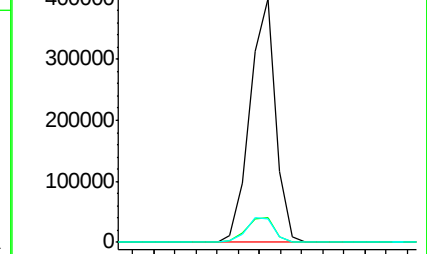
80 9.9 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

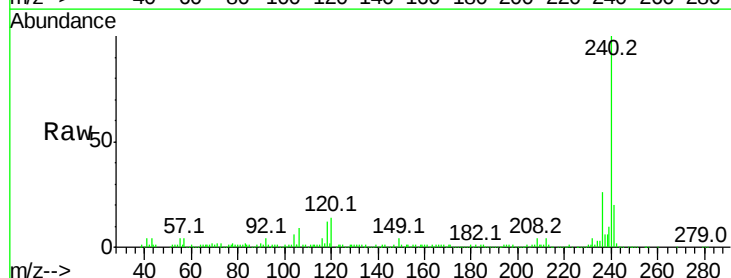
Tgt Ion:240 Resp: 197833

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

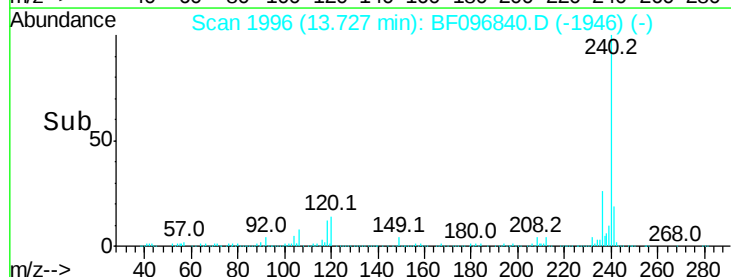
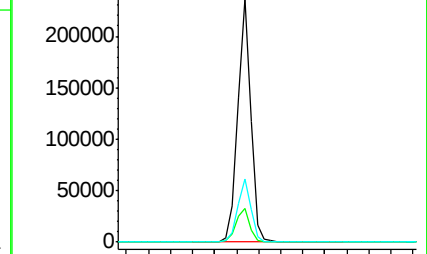
236 26.0 20.5 30.7

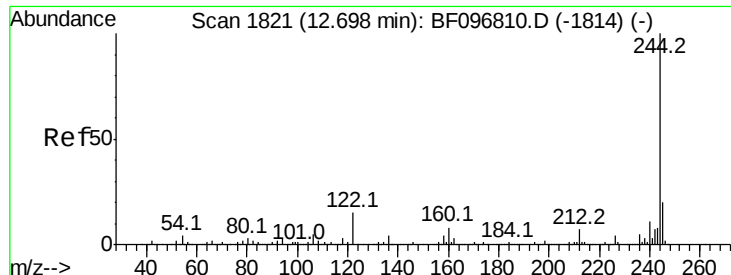


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.216 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

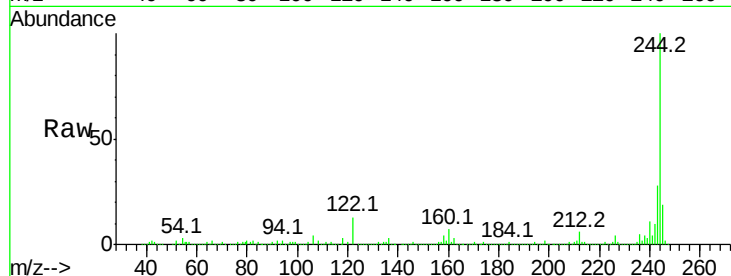
Tot Ion:244 Resp: 709721

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

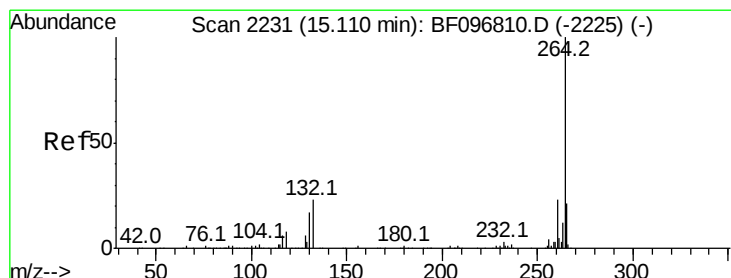
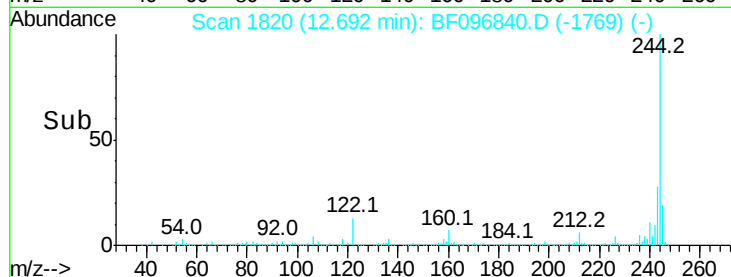
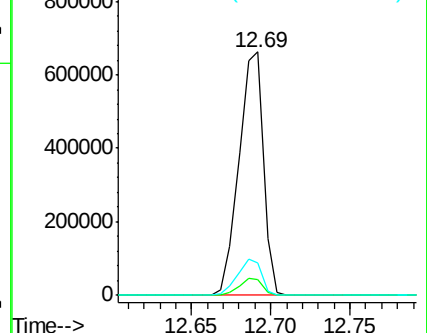
122 13.2 10.3 15.5



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: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

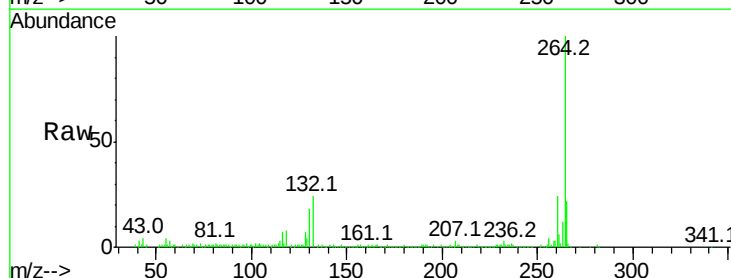
Tgt Ion:264 Resp: 179042

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.2 25.8



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

