

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096994.D
 Acq On : 24 Jul 2017 19:29
 Operator : SJ/JU
 Sample : PB100918BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BL

Quant Time: Jul 25 02:10:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	118120	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	518606	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	232847	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	403844	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	324255	20.00	ng	-0.04
86) Perylene-d12	14.99	264	217761	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	988485	125.83	ng	-0.02
7) Phenol-d6	6.19	99	1165085	123.59	ng	-0.03
23) Nitrobenzene-d5	7.08	82	730169	87.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	232877	117.17	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1240398	84.16	ng	-0.04
78) Terphenyl-d14	12.60	244	1003740	53.68	ng	-0.03

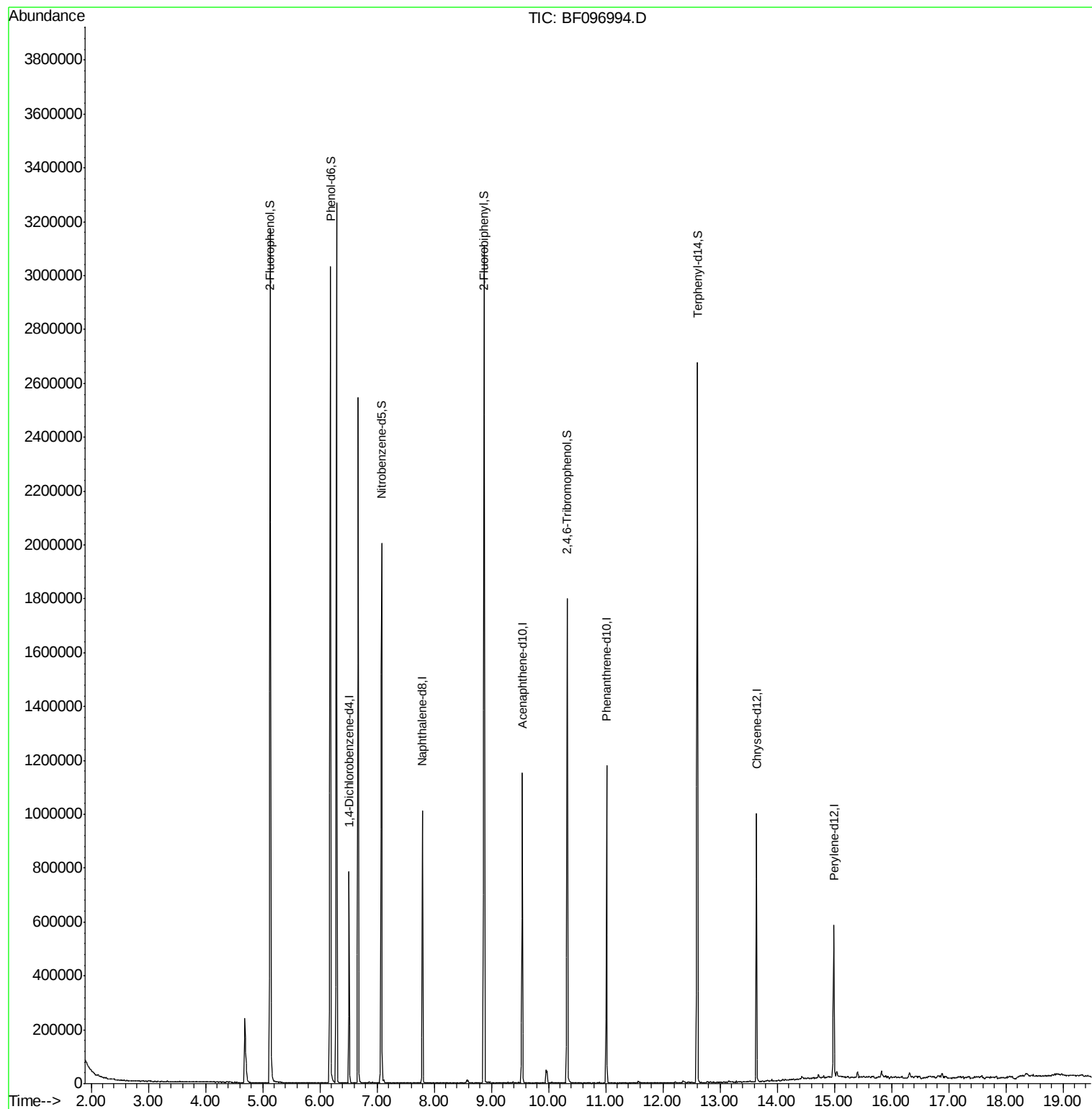
Target Compounds Qvalue

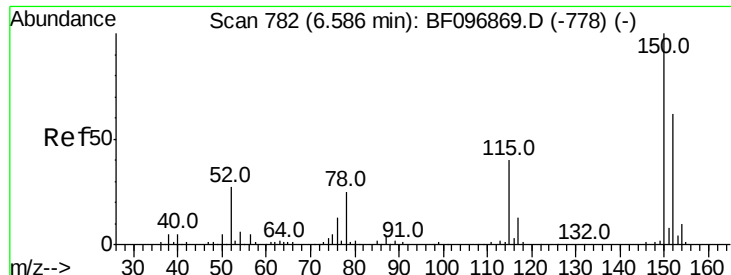
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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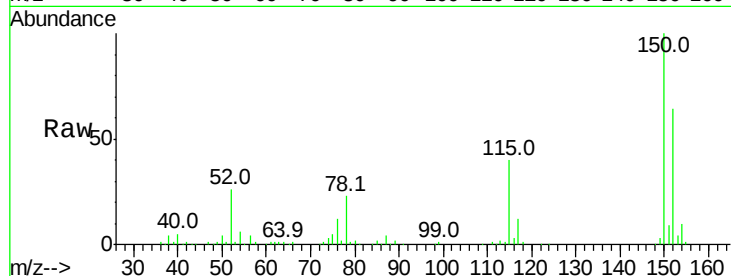


#1

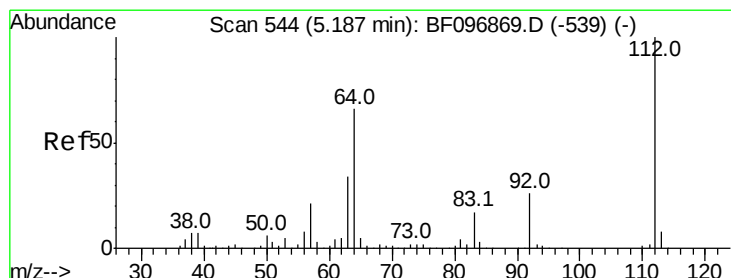
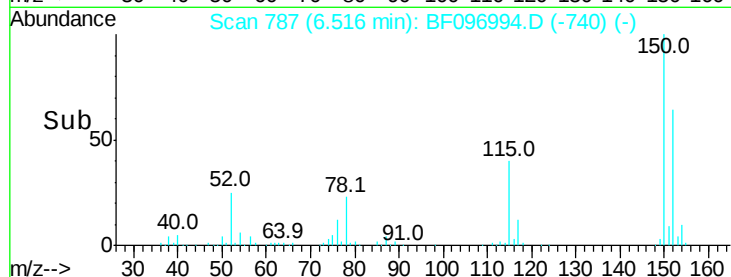
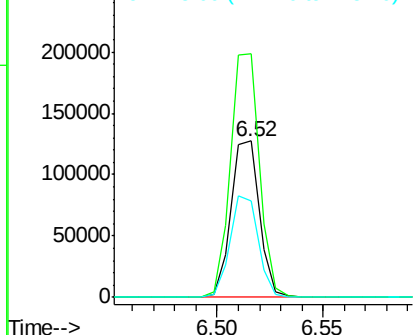
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Instrument :
BNA_F
ClientSampleId :
PB100918BL

Tot Ion:152 Resp: 118120
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 62.2 52.2 78.2



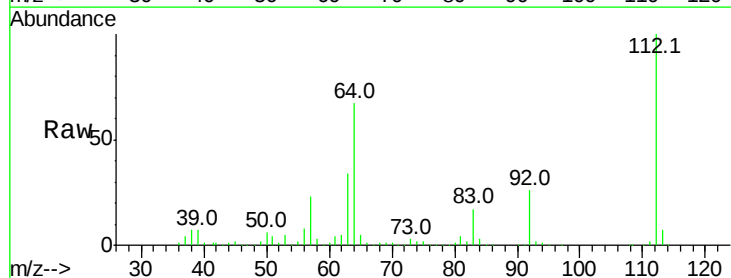
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



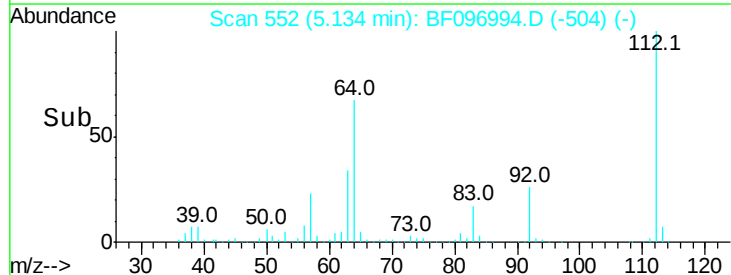
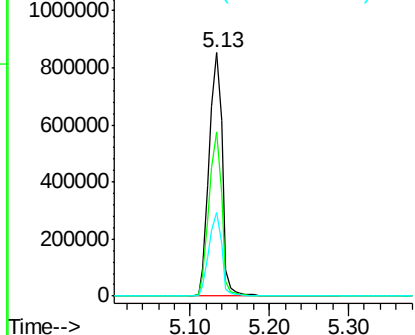
#5

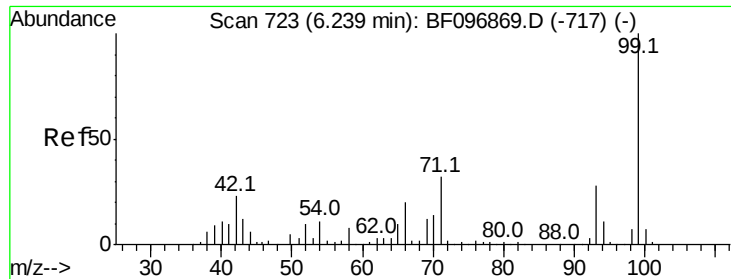
2-Fluorophenol
Concen: 125.827 ng
RT: 5.13 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Tgt Ion:112 Resp: 988485
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 34.5 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: 123.586 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

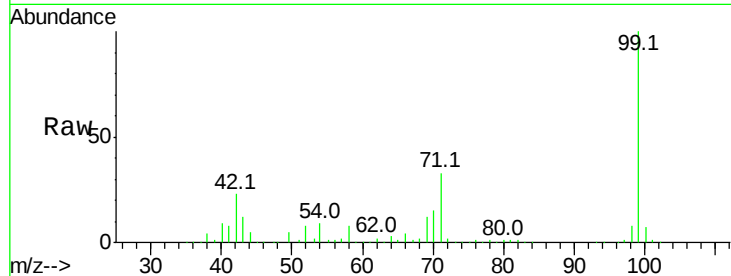
BNA_F

ClientSampleId :

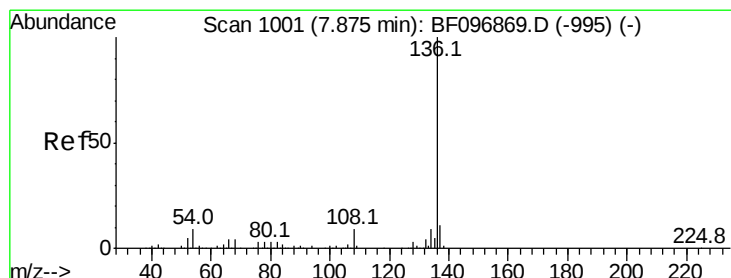
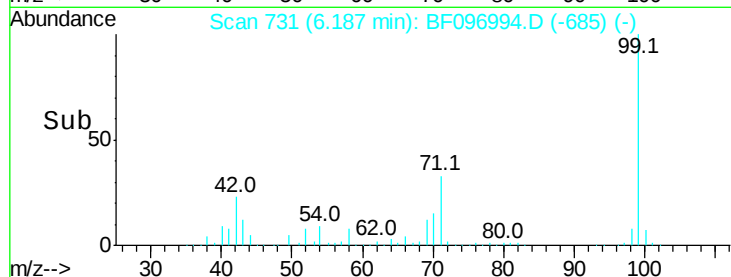
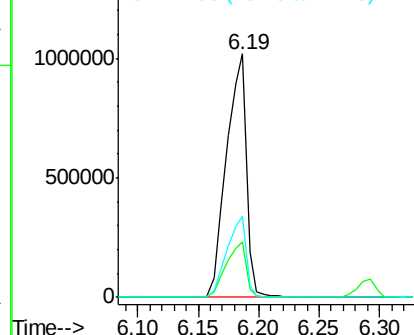
PB100918BL

Tot Ion: 99 Resp: 1165085

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	33.2	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: 7.79 min Scan# 1004

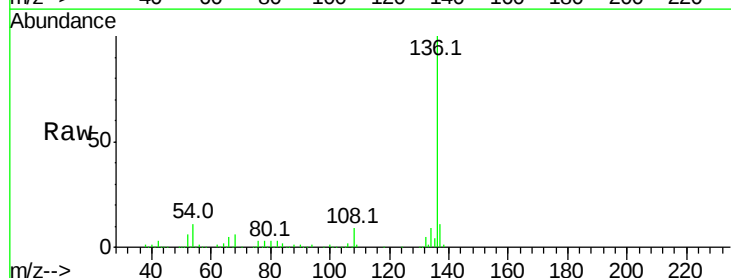
Delta R.T. -0.04 min

Lab File: BF096994.D

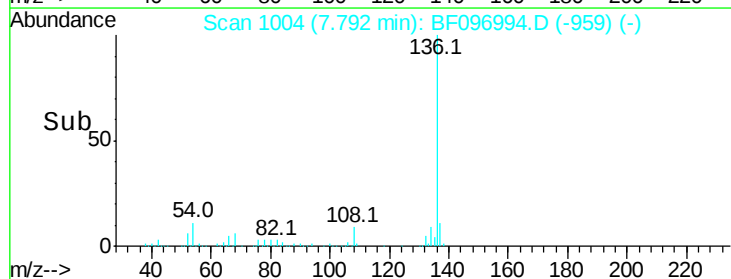
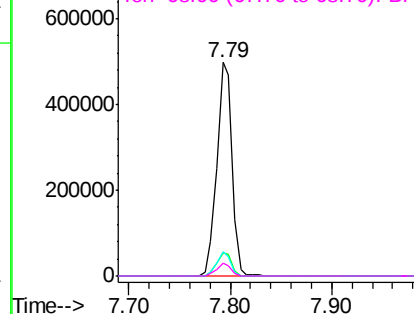
Acq: 24 Jul 2017 19:29

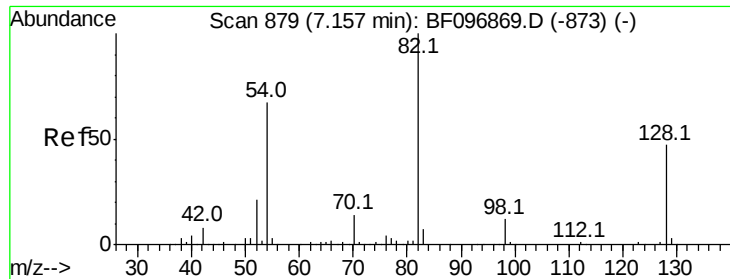
Tgt Ion: 136 Resp: 518606

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.2	4.9	7.3#
68	5.7	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: 87.209 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

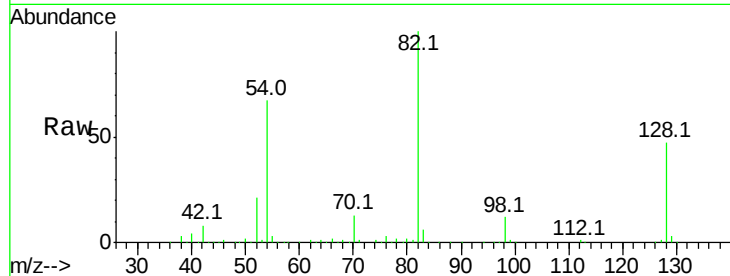
Tot Ion: 82 Resp: 730169

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

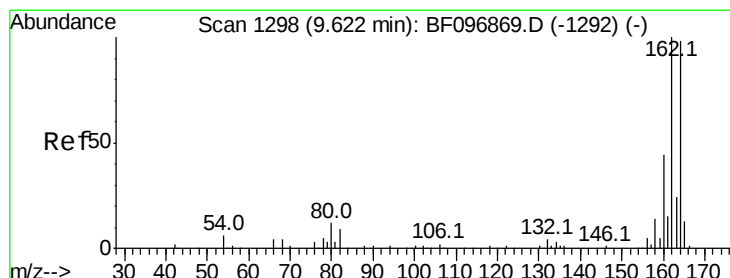
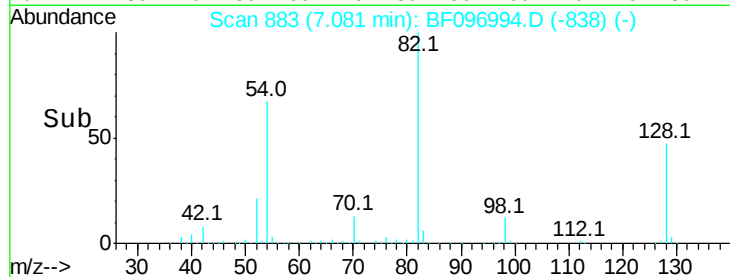
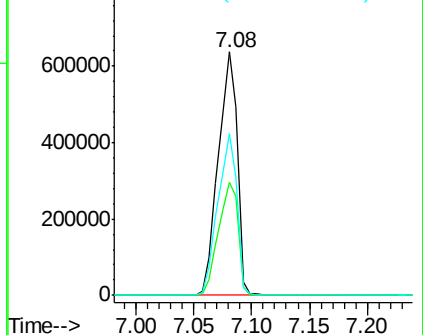
54 66.6 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

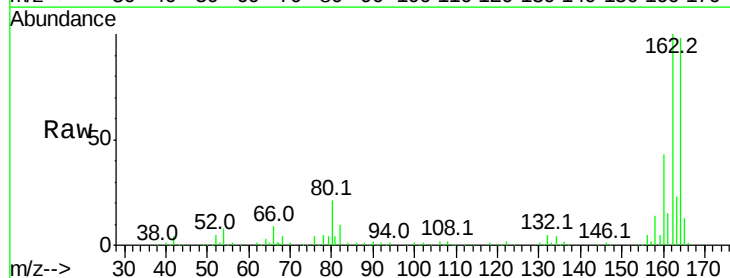
Tgt Ion:164 Resp: 232847

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

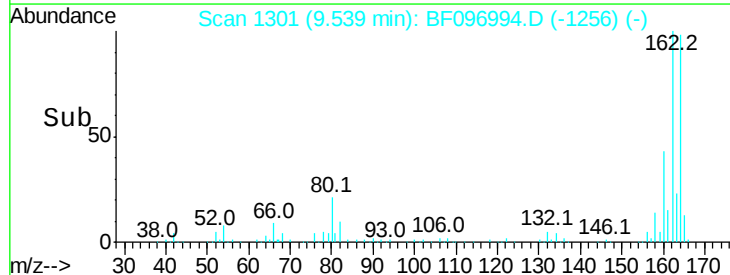
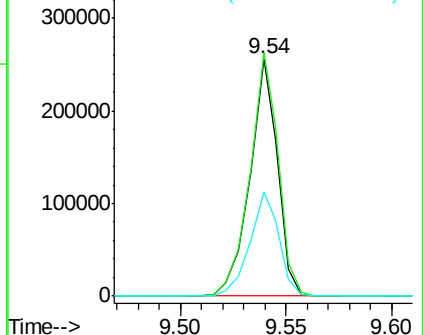
160 43.5 36.2 54.2

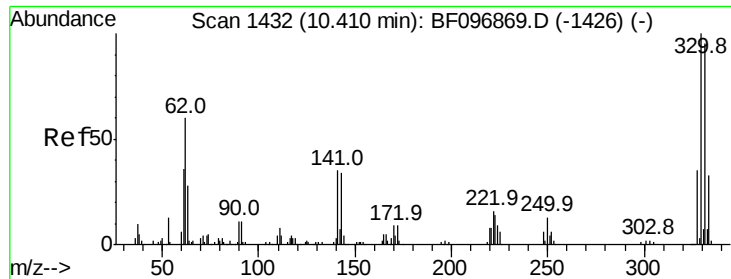


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 117.168 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

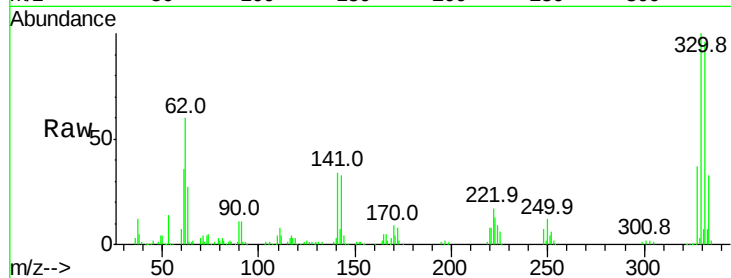
Tot Ion:330 Resp: 232877

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

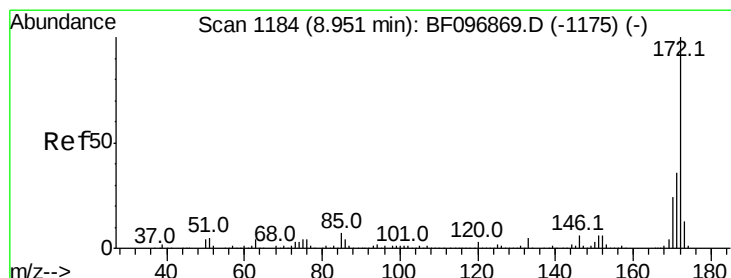
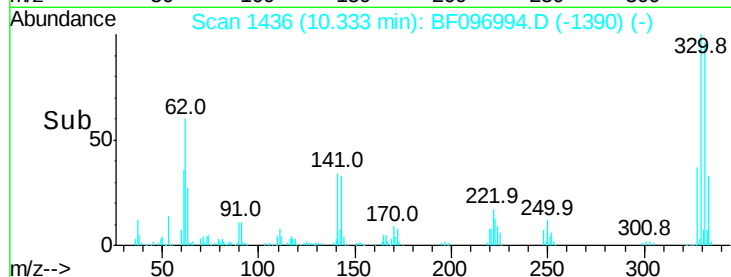
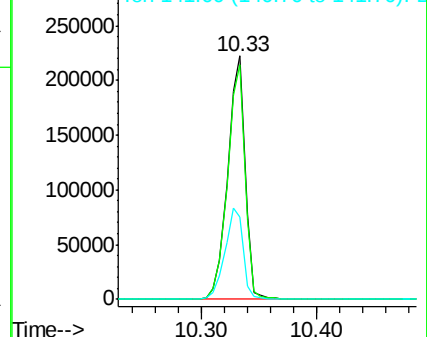
141 39.1 31.4 47.2



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: 84.164 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

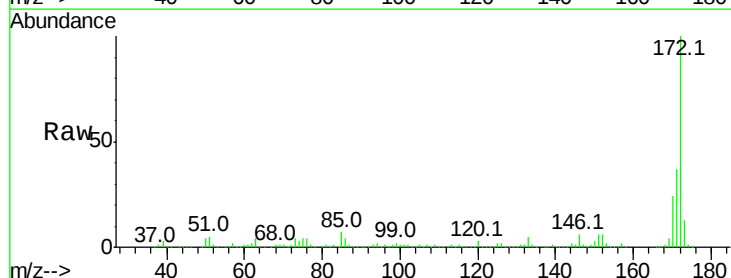
Tgt Ion:172 Resp: 1240398

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

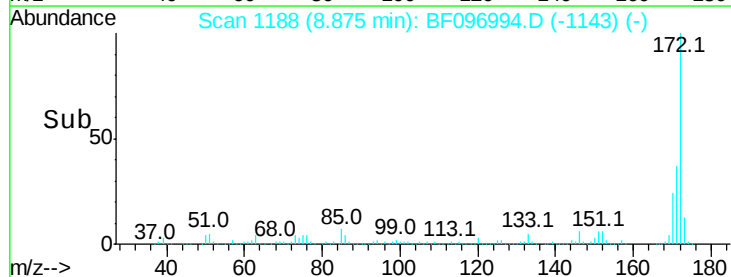
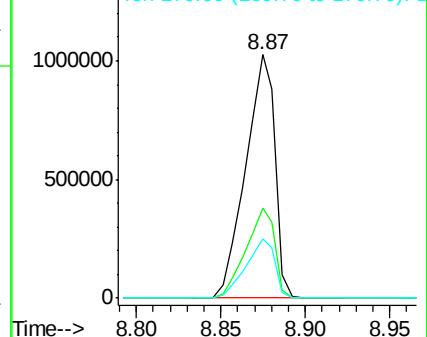
170 24.2 19.8 29.8

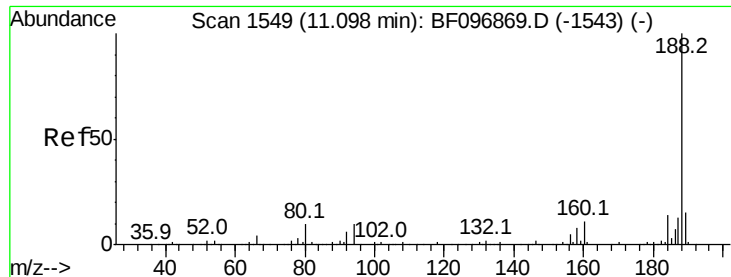


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

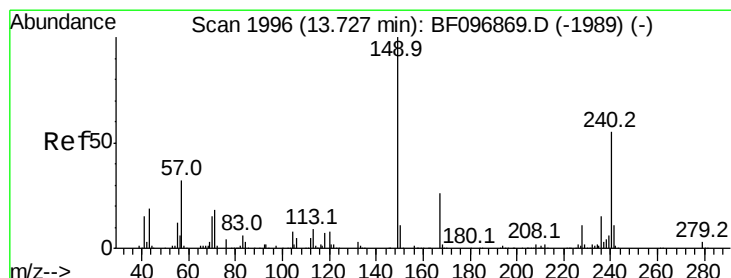
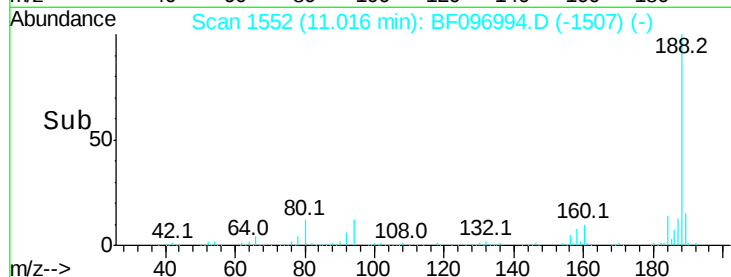
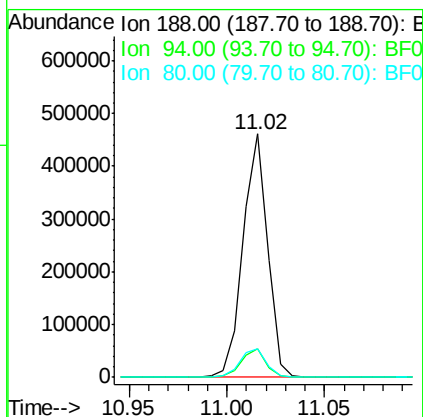
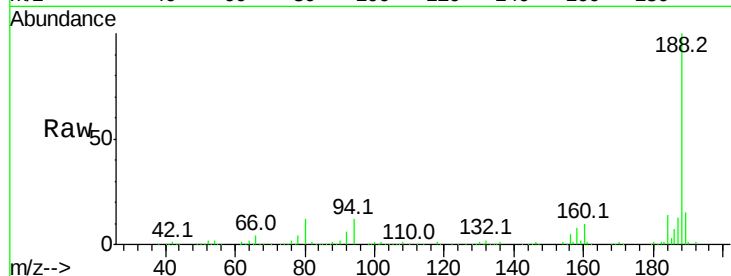




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

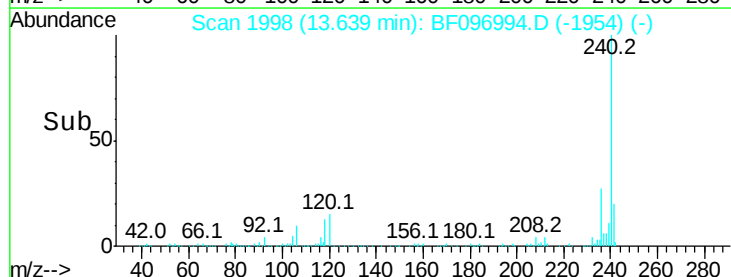
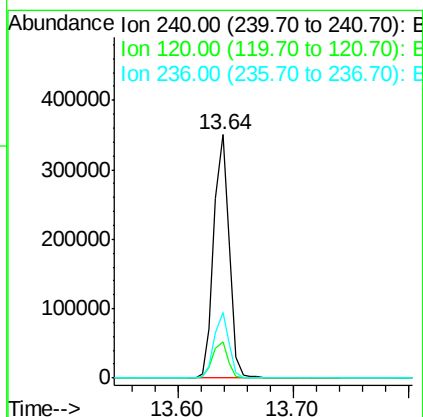
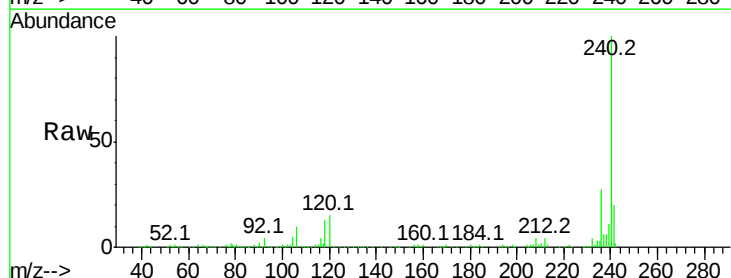
Instrument :
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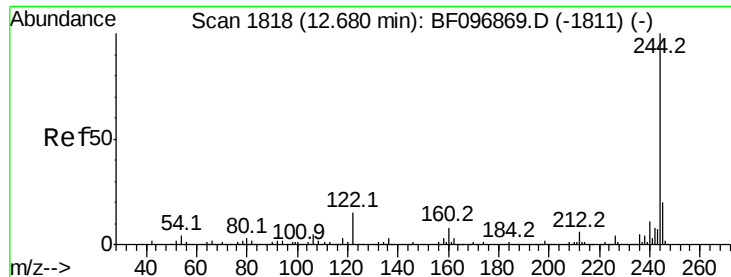
Tot Ion:188 Resp: 403844
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF096994.D
Acq: 24 Jul 2017 19:29

Tgt Ion:240 Resp: 324255
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 27.2 20.5 30.7





#78

Terphenyl-d14

Concen: 53.685 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

Instrument :

BNA_F

ClientSampleId :

PB100918BL

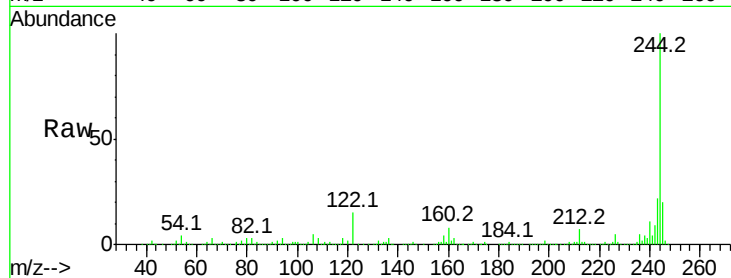
Tot Ion:244 Resp: 1003740

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

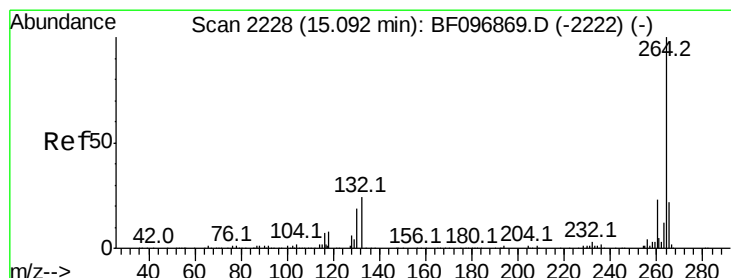
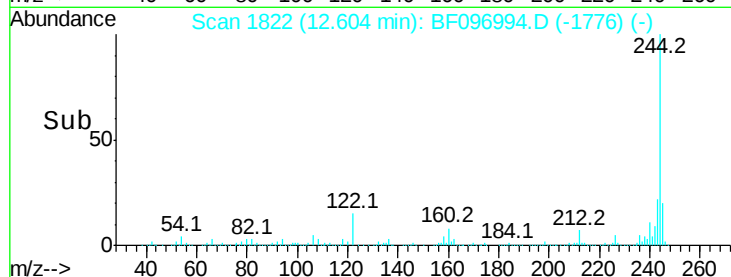
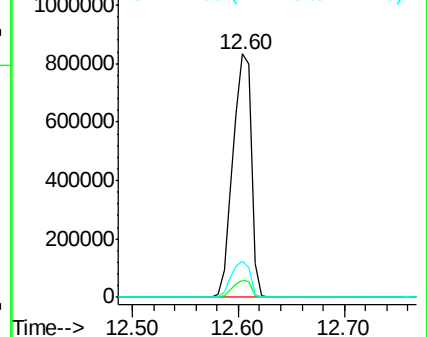
122 14.7 10.3 15.5



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: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF096994.D

Acq: 24 Jul 2017 19:29

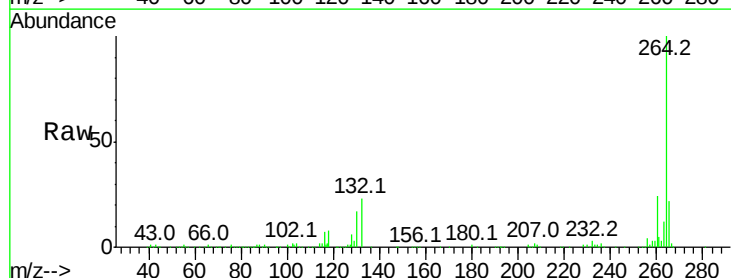
Tgt Ion:264 Resp: 217761

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.4 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

