

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091655.D
 Acq On : 16 Dec 2016 5:11
 Operator : UM/SJ
 Sample : PB95362TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95362TB

Quant Time: Dec 16 06:27:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214240	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	920492	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	442502	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	520166	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	486934	20.00	ng	0.00
86) Perylene-d12	15.35	264	357083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1705708	134.13	ng	0.01
7) Phenol-d6	6.43	99	1956667	123.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	1456258	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	395140	107.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2214594	86.48	ng	0.00
78) Terphenyl-d14	12.89	244	1511031	70.42	ng	-0.01

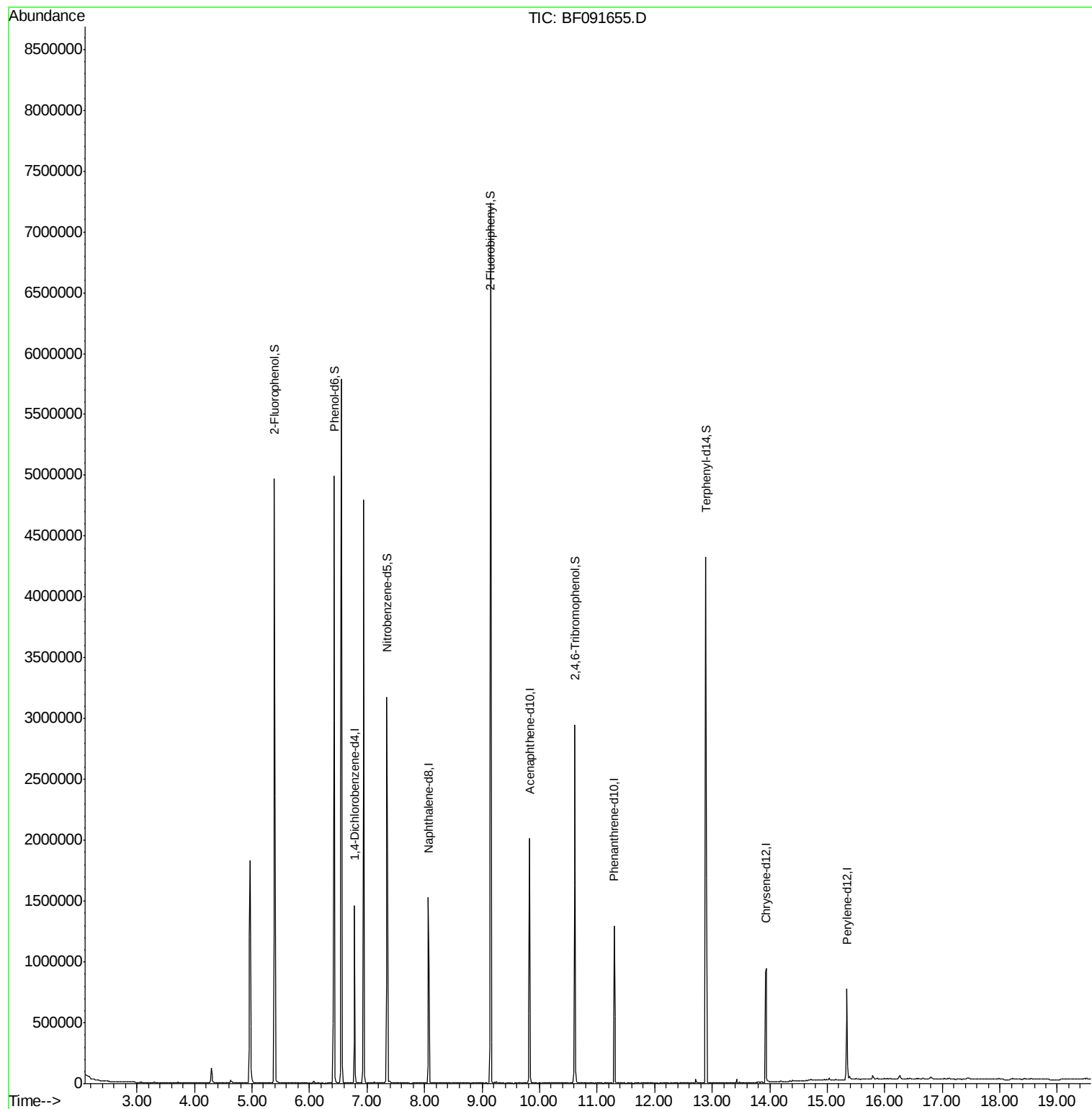
Target Compounds Qvalue

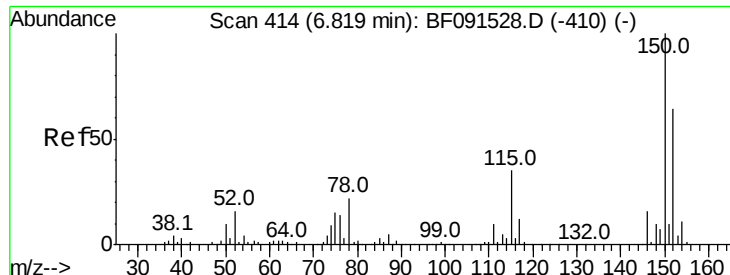
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091655.D

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Instrument :

BNA_F

ClientSampleId :

PB95362TB

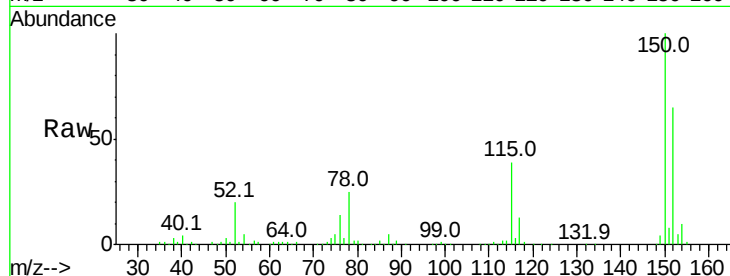
Tot Ion:152 Resp: 214240

Ion Ratio Lower Upper

152 100

150 153.7 122.5 183.7

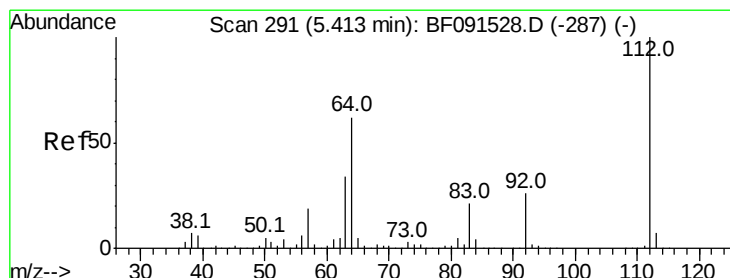
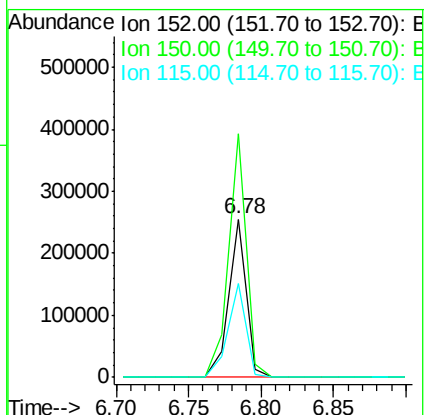
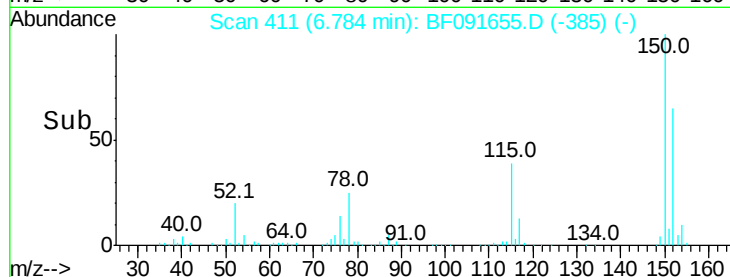
115 59.6 51.8 77.8



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: 134.13 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

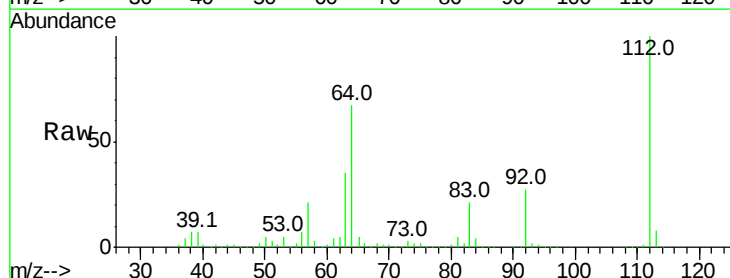
Tgt Ion:112 Resp: 1705708

Ion Ratio Lower Upper

112 100

64 66.6 61.5 92.3

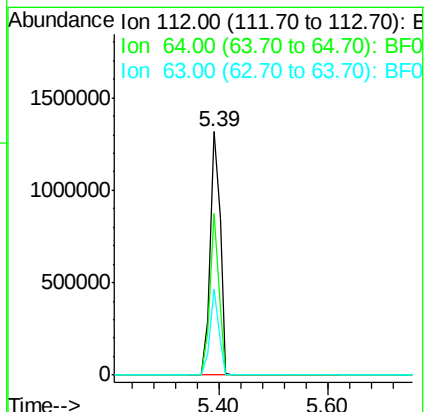
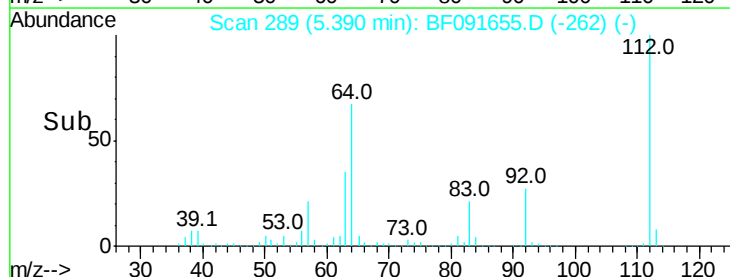
63 35.3 33.3 49.9

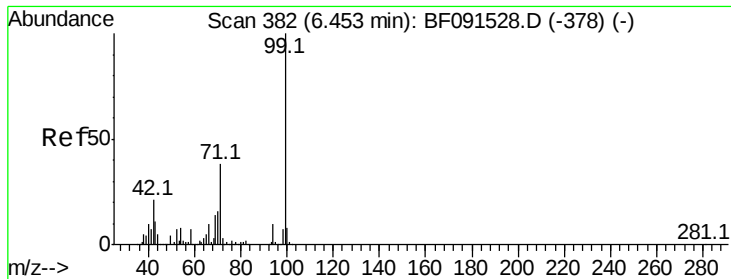


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.42 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

Instrument :

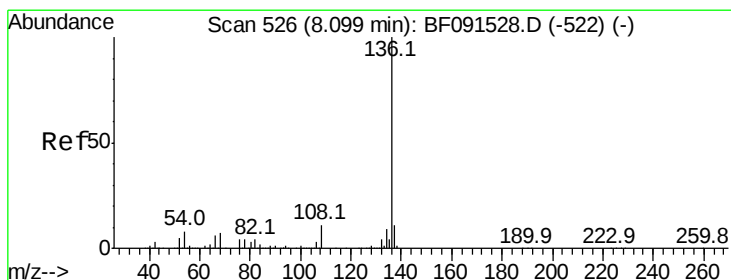
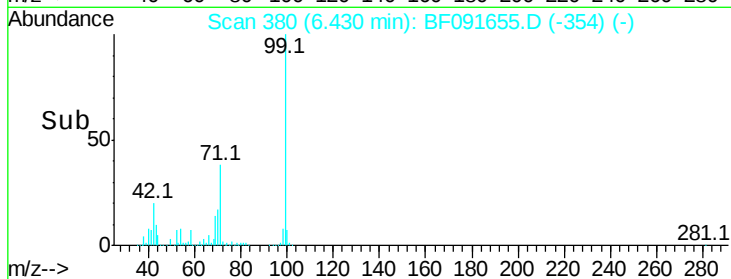
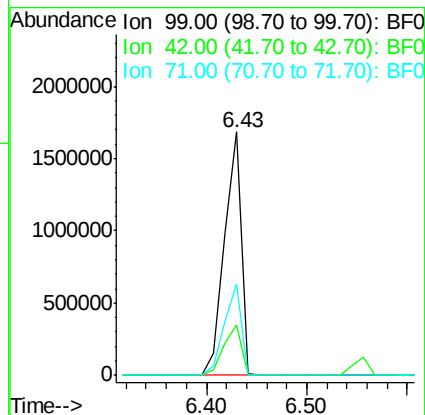
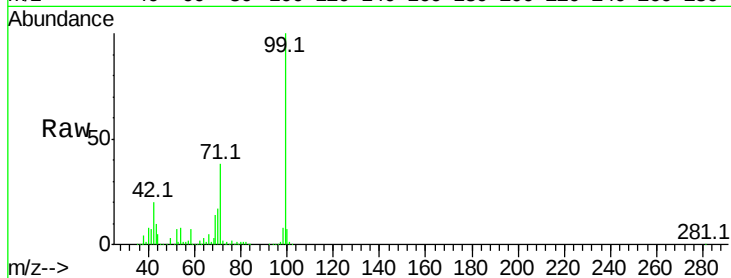
BNA_F

ClientSampleId :

PB95362TB

Tot Ion: 99 Resp: 1956667

Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.6	31.0#
71	37.5	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

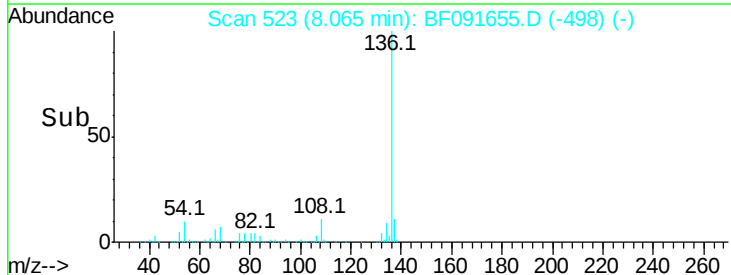
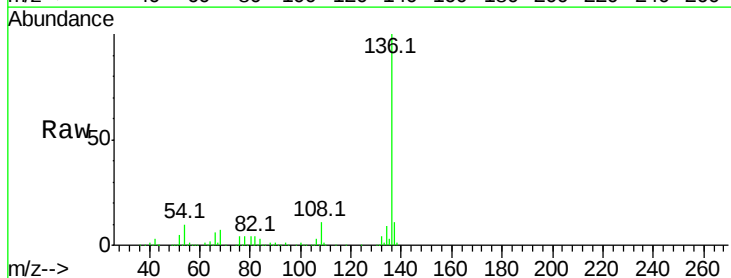
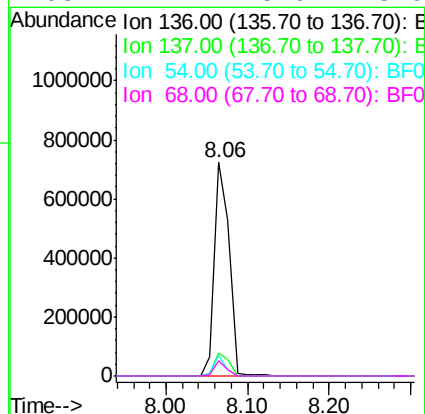
Delta R.T. -0.01 min

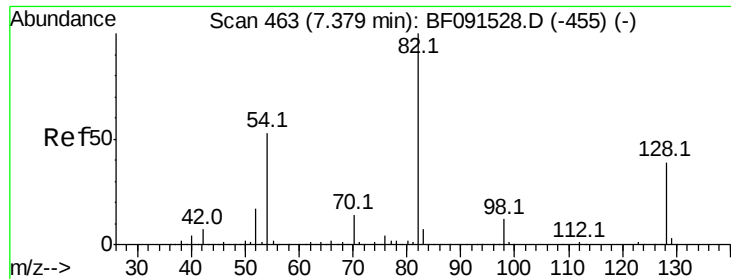
Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

Tgt Ion: 136 Resp: 920492

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	9.1	13.7
68	7.4	5.9	8.9

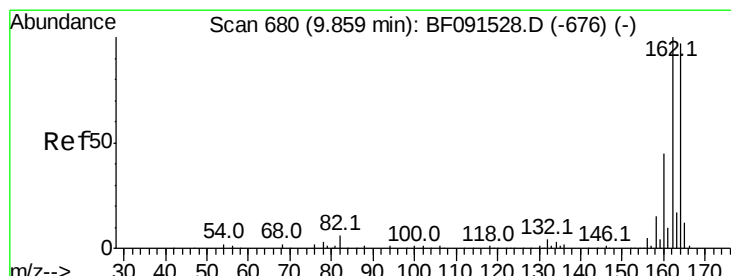
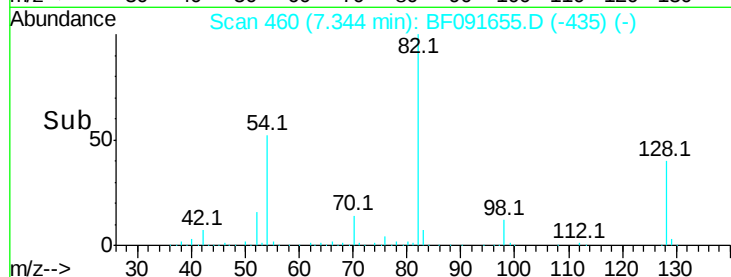
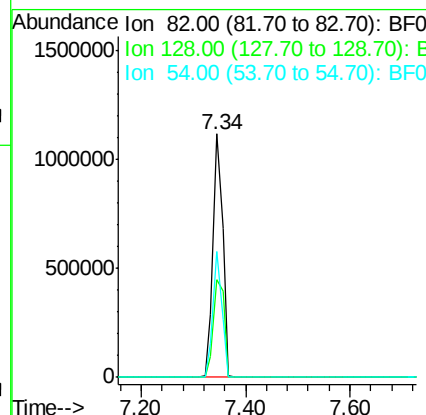
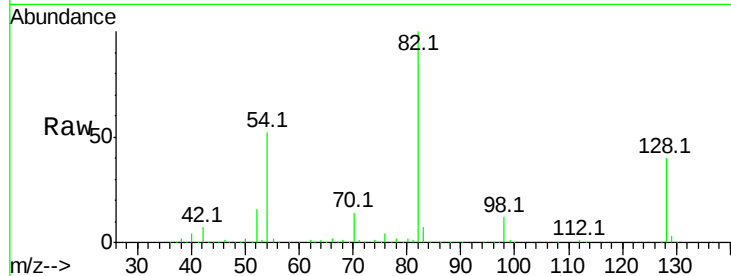




#23
 Nitrobenzene-d5
 Concen: 88.30 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091655.D
 Acq: 16 Dec 2016 5:11

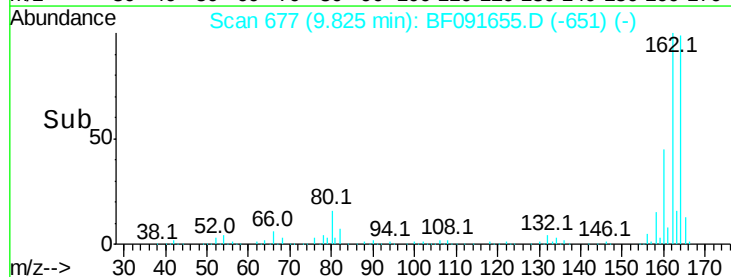
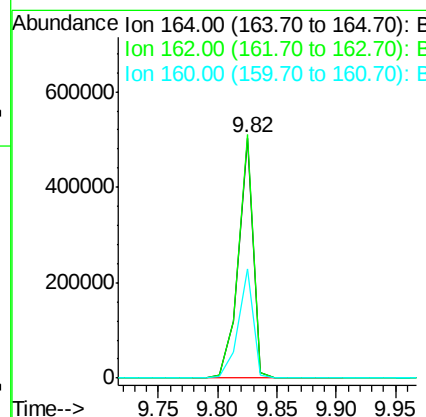
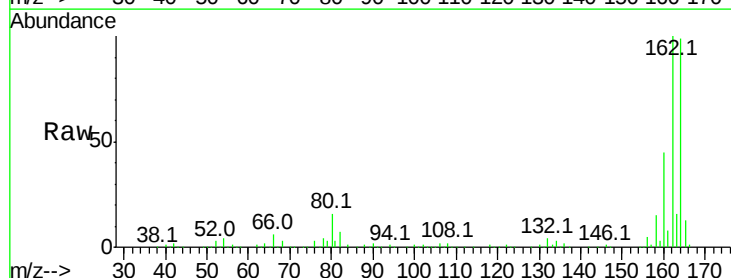
Instrument :
 BNA_F
 ClientSampleId :
 PB95362TB

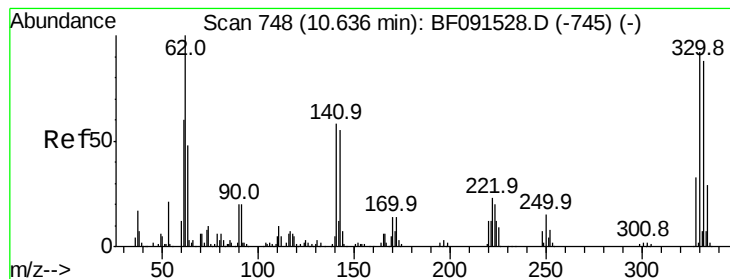
Tot Ion: 82 Resp: 1456258
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 51.8 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091655.D
 Acq: 16 Dec 2016 5:11

Tgt Ion:164 Resp: 442502
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 124.0
 160 45.6 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 107.51 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

Instrument :

BNA_F

ClientSampleId :

PB95362TB

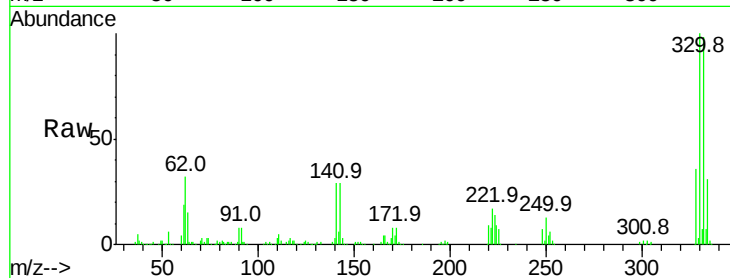
Tot Ion:330 Resp: 395140

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

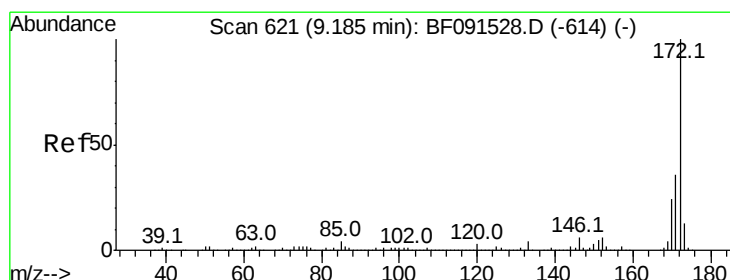
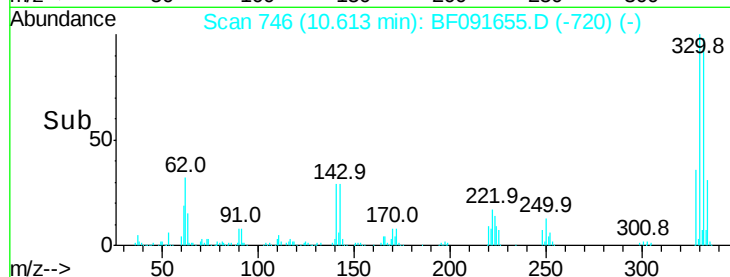
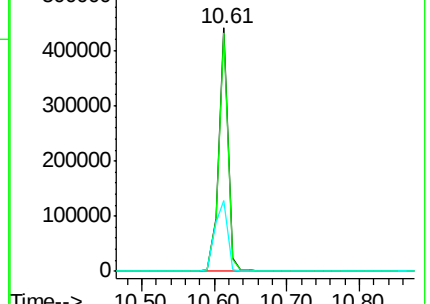
141 39.3 33.6 50.4



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: 86.48 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

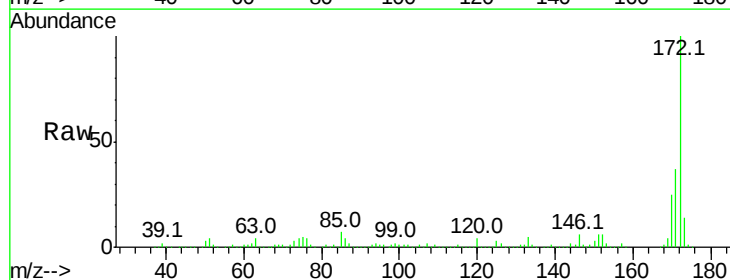
Tgt Ion:172 Resp: 2214594

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

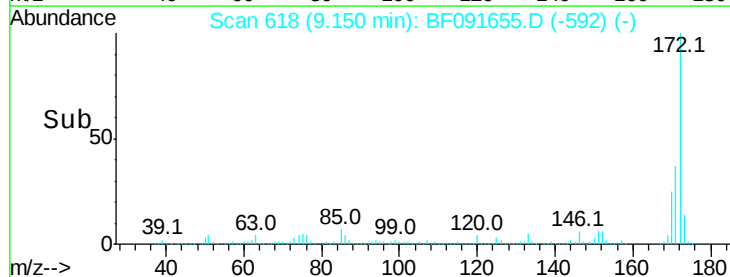
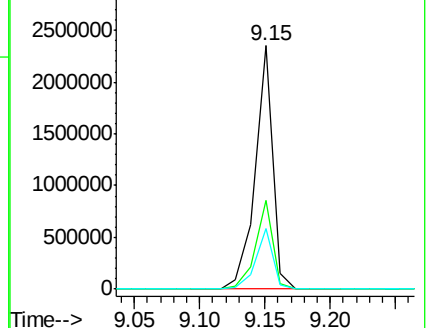
170 24.9 19.7 29.5

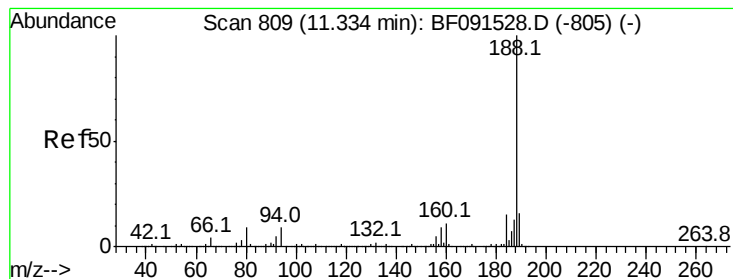


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

Instrument :

BNA_F

ClientSampleId :

PB95362TB

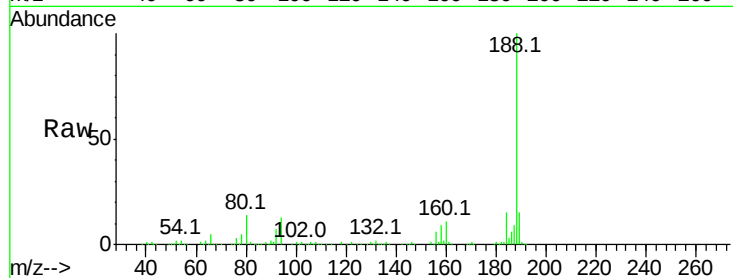
Tot Ion:188 Resp: 520166

Ion Ratio Lower Upper

188 100

94 12.7 9.2 13.8

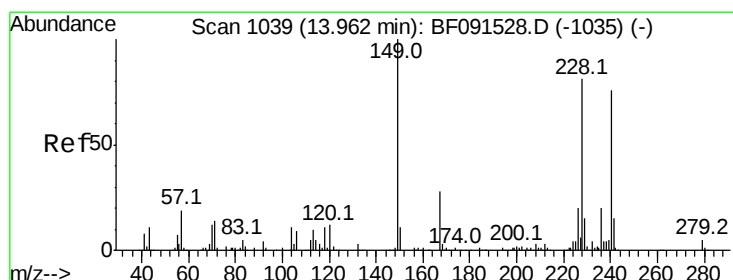
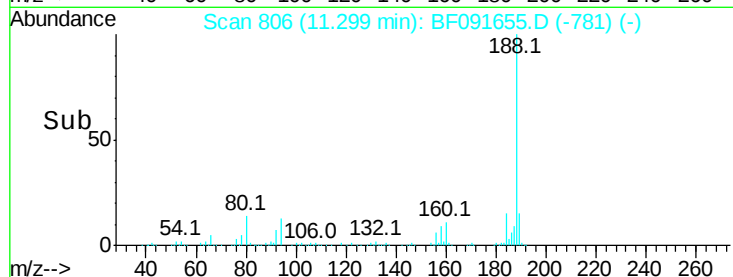
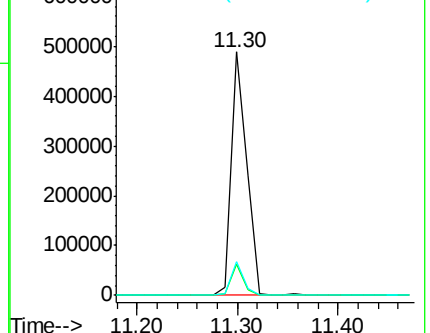
80 14.1 10.5 15.7



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: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

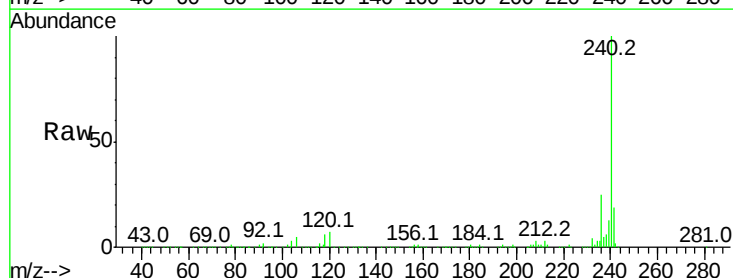
Tgt Ion:240 Resp: 486934

Ion Ratio Lower Upper

240 100

120 7.2 12.1 18.1#

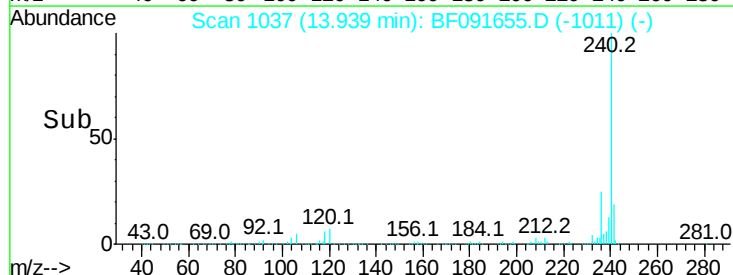
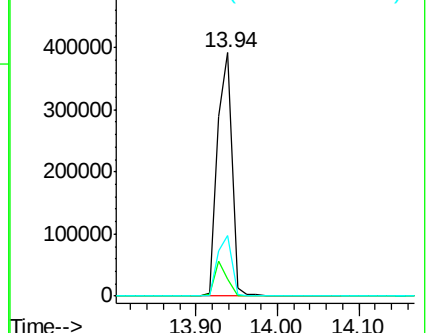
236 24.9 21.0 31.6

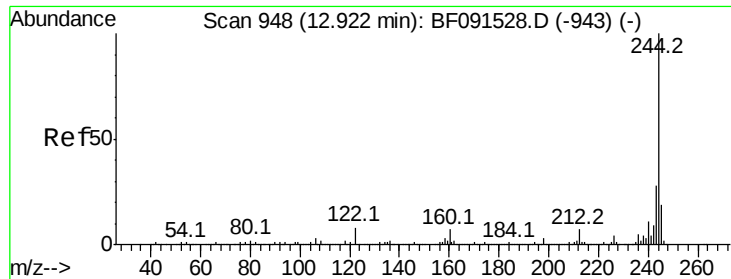


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.42 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

Instrument :

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PB95362TB

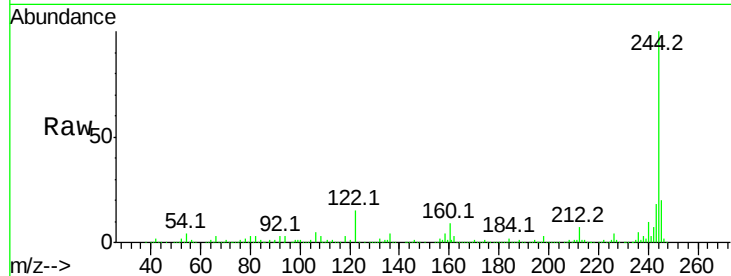
Tot Ion:244 Resp: 1511031

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

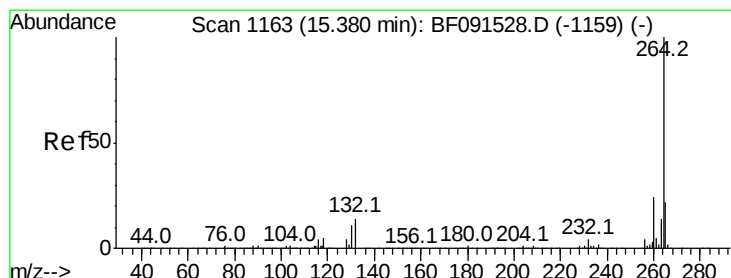
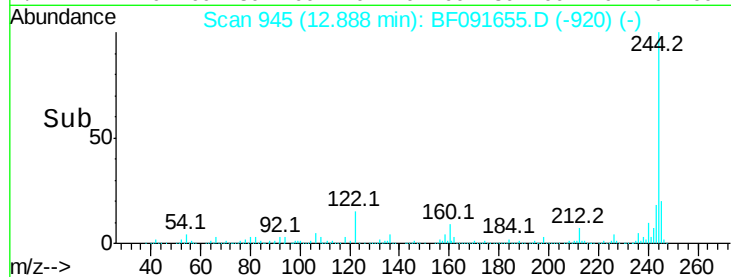
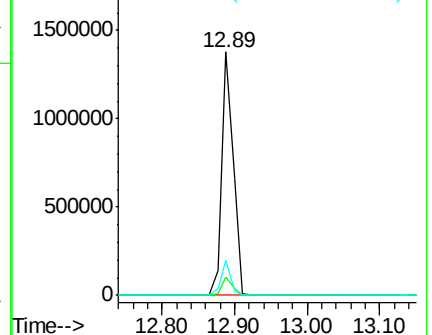
122 14.5 9.5 14.3#



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: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091655.D

Acq: 16 Dec 2016 5:11

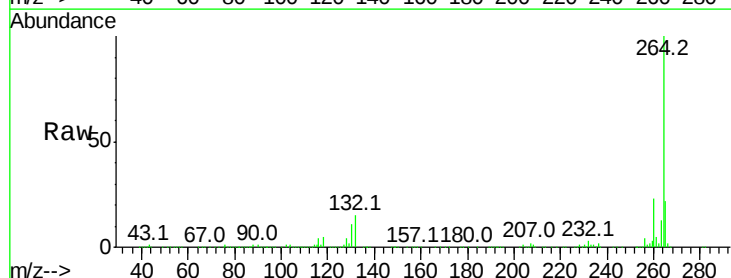
Tgt Ion:264 Resp: 357083

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.7 17.0 25.6



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

