

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091535.D
 Acq On : 9 Dec 2016 18:57
 Operator : UM/SJ
 Sample : PB95122BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Quant Time: Dec 12 13:18:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	430193	40.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1861431	40.00	ng	0.00
38) Acenaphthene-d10	9.85	164	916309	40.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1581284	40.00	ng	0.00
75) Chrysene-d12	13.96	240	1393347	40.00	ng	0.00
86) Perylene-d12	15.38	264	1190650	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1906588	149.33	ng	0.01
7) Phenol-d6	6.45	99	2510878	157.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	1852103	111.07	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	545452	143.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2601781	98.12	ng	-0.01
78) Terphenyl-d14	12.92	244	2661849	86.70	ng	0.00

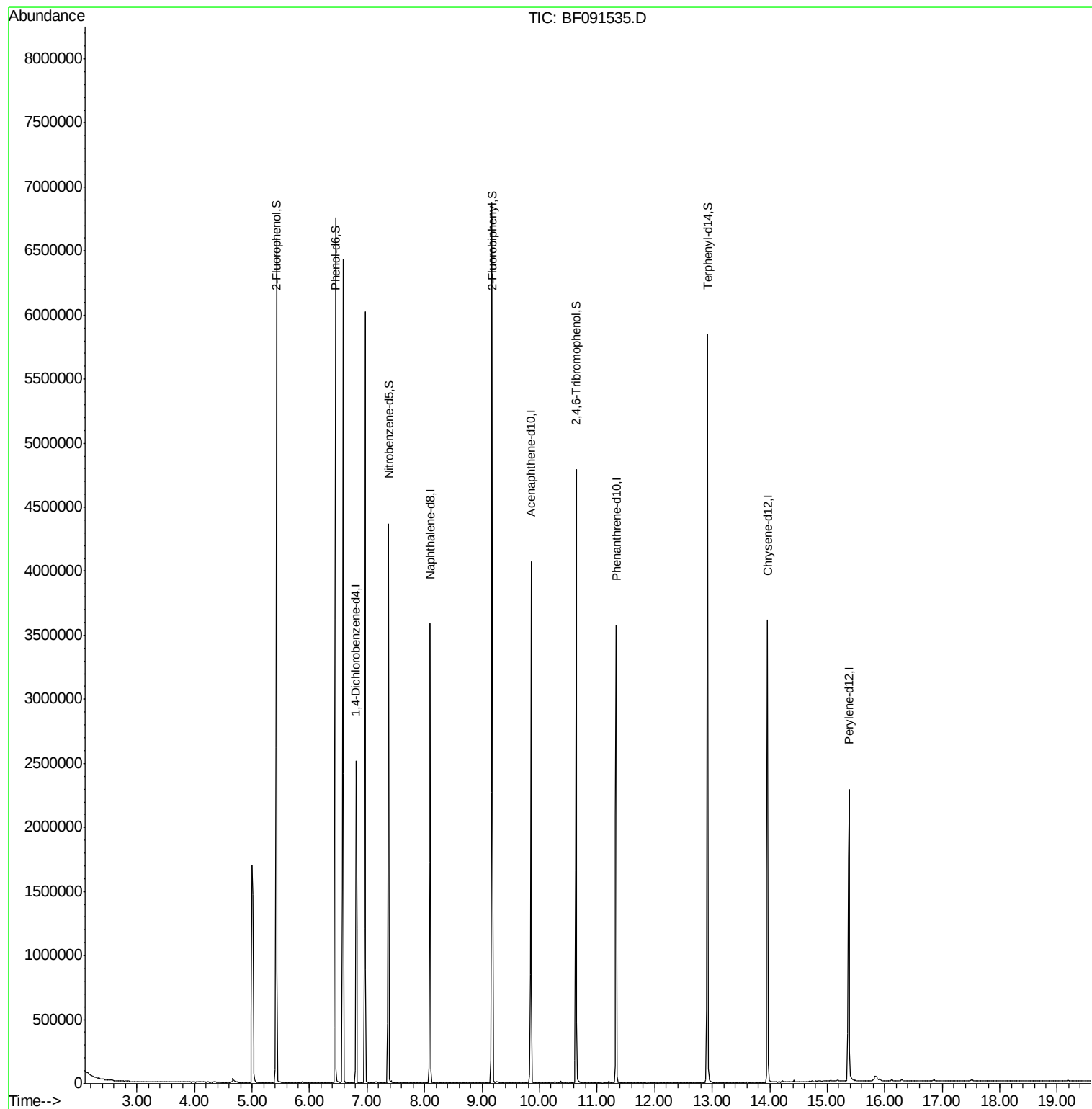
Target Compounds Qvalue

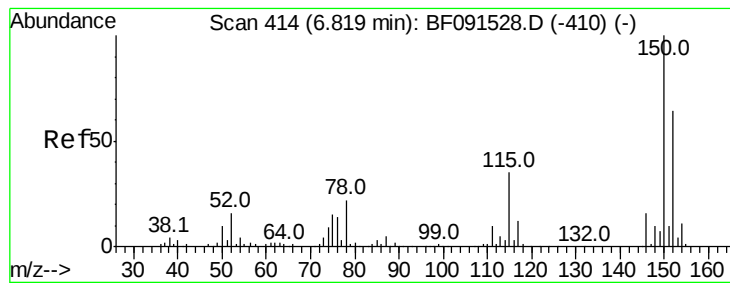
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

Instrument :

BNA_F

ClientSampleId :

PB95122BL

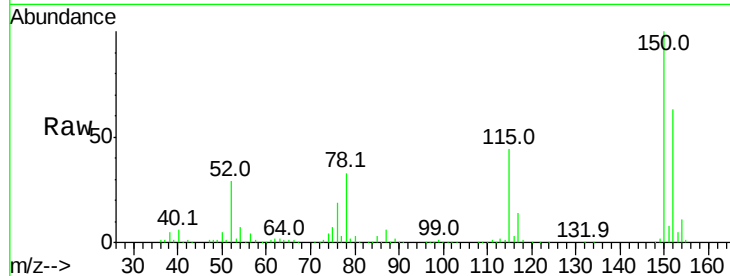
Tot Ion:152 Resp: 430193

Ion Ratio Lower Upper

152 100

150 159.7 122.5 183.7

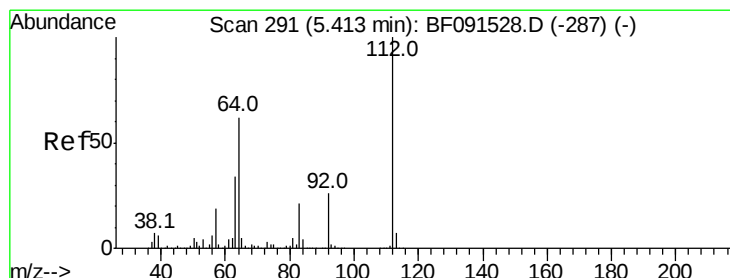
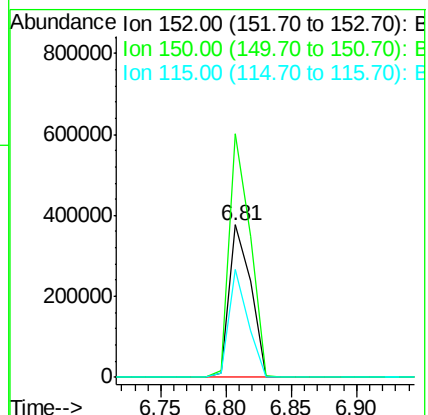
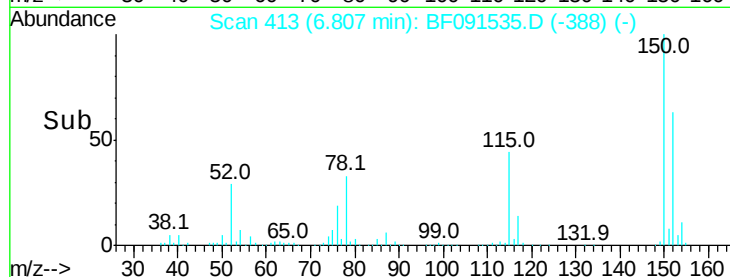
115 71.0 51.8 77.8



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: 149.33 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

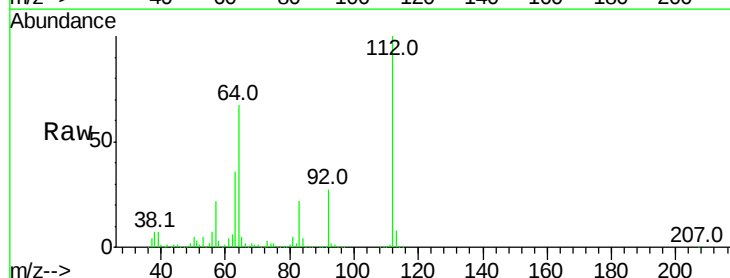
Tgt Ion:112 Resp: 1906588

Ion Ratio Lower Upper

112 100

64 66.8 61.5 92.3

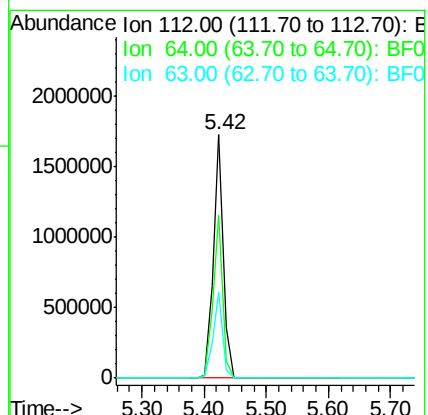
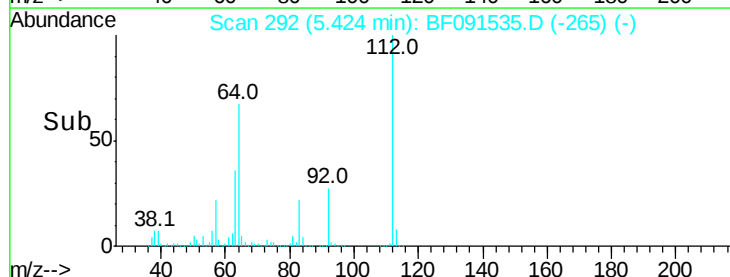
63 35.5 33.3 49.9

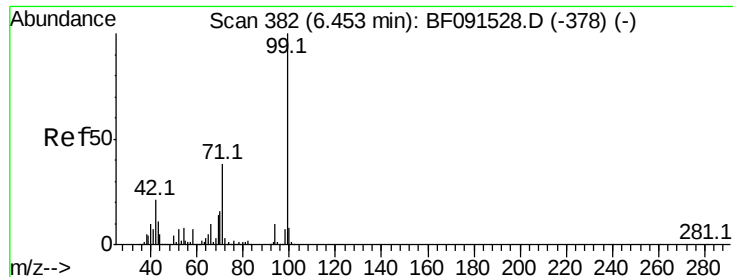


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 157.75 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

Instrument :

BNA_F

ClientSampleId :

PB95122BL

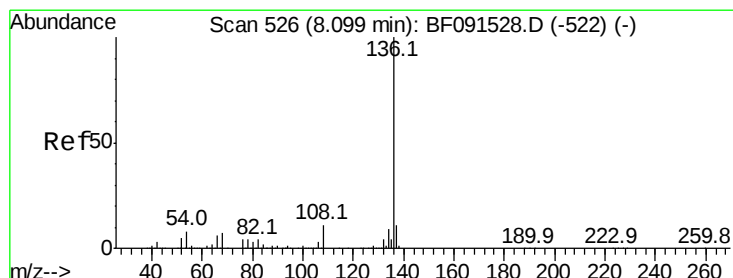
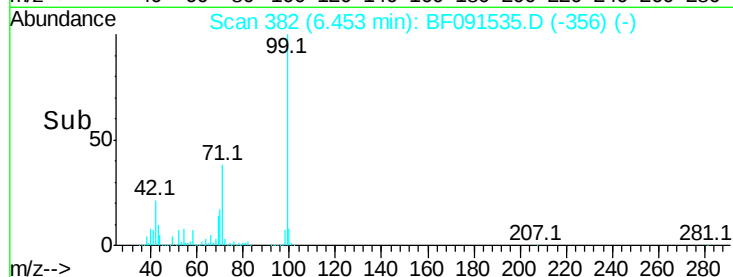
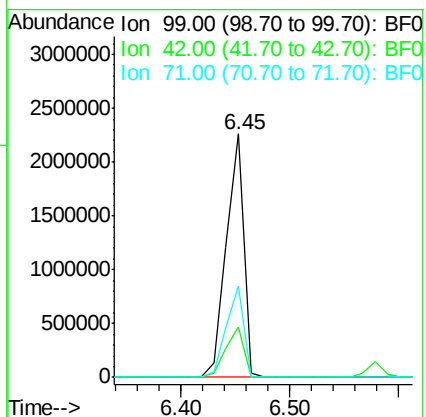
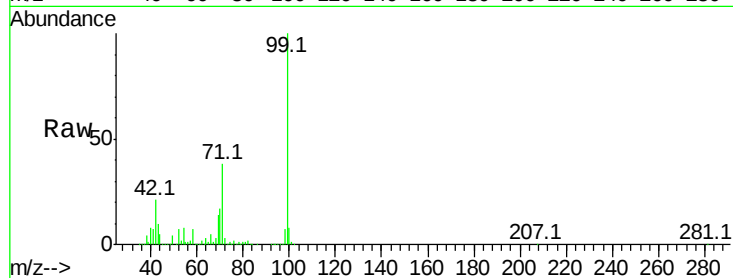
Tot Ion: 99 Resp: 2510878

Ion Ratio Lower Upper

99 100

42 20.7 20.6 31.0

71 37.5 29.9 44.9



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

Tgt Ion: 136 Resp: 1861431

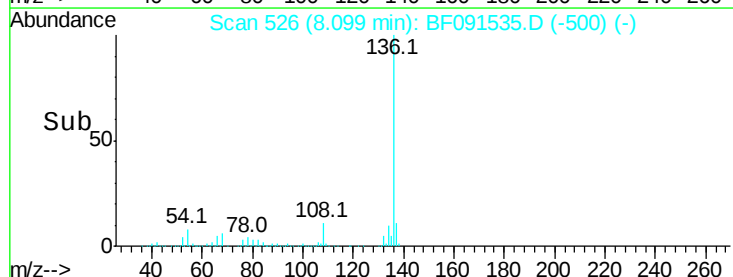
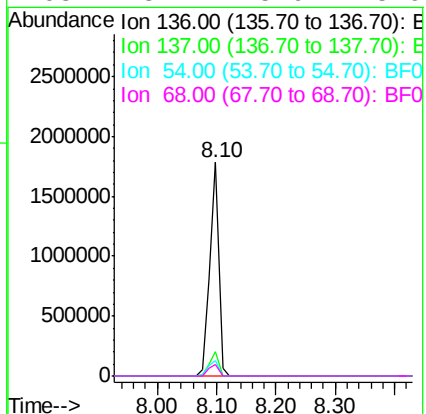
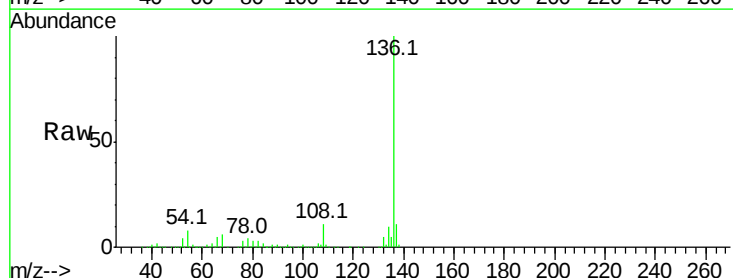
Ion Ratio Lower Upper

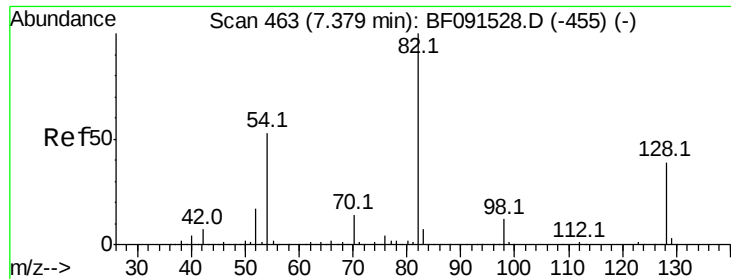
136 100

137 11.3 9.1 13.7

54 7.5 9.1 13.7#

68 5.7 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 111.07 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

Instrument :

BNA_F

ClientSampleId :

PB95122BL

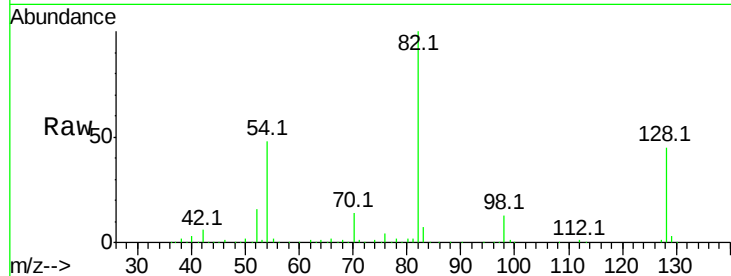
Tot Ion: 82 Resp: 1852103

Ion Ratio Lower Upper

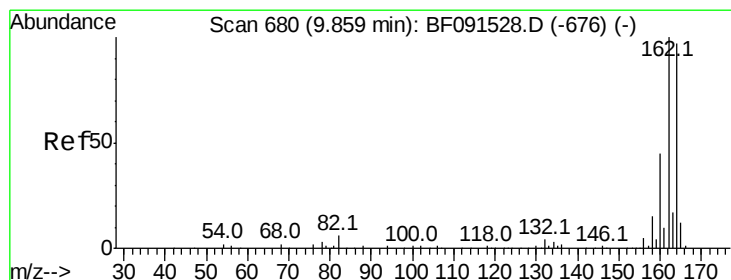
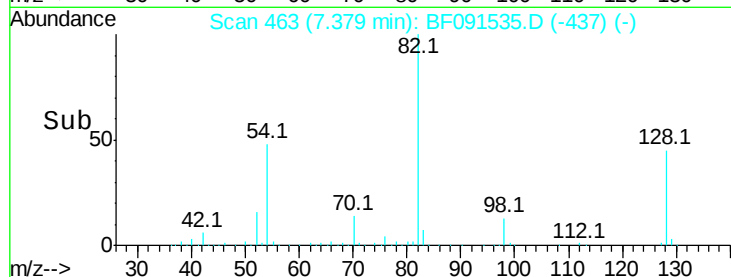
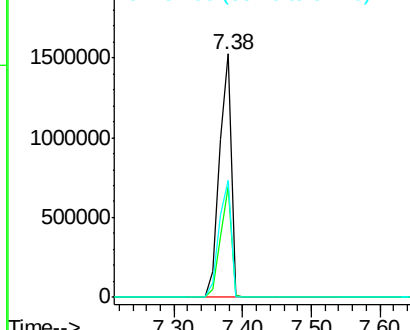
82 100

128 45.2 31.8 47.6

54 48.2 49.1 73.7#



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: 40.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

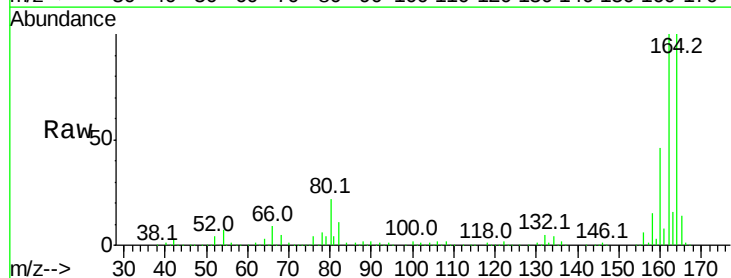
Tgt Ion:164 Resp: 916309

Ion Ratio Lower Upper

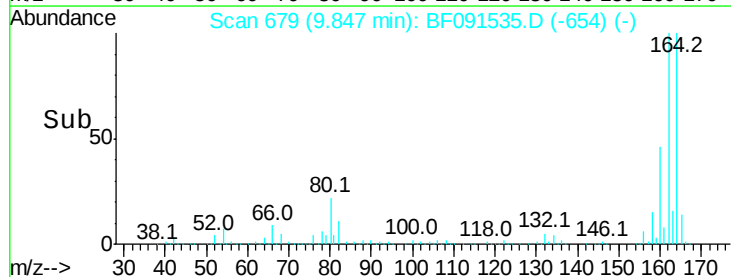
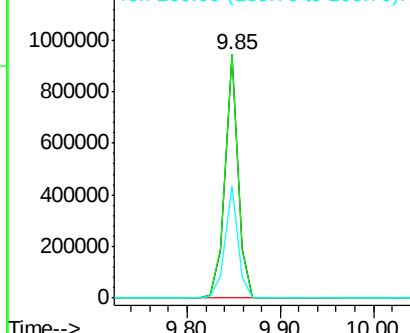
164 100

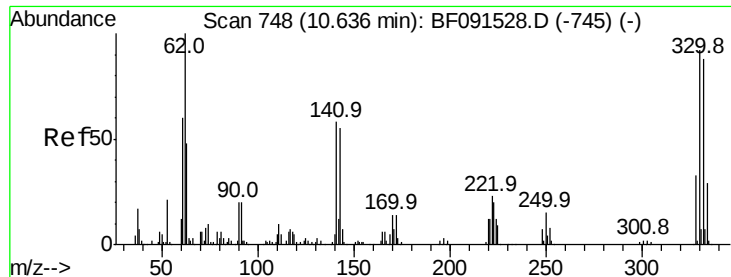
162 100.1 82.6 124.0

160 45.8 36.7 55.1



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

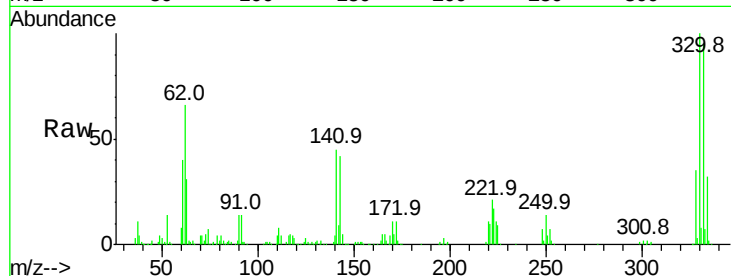




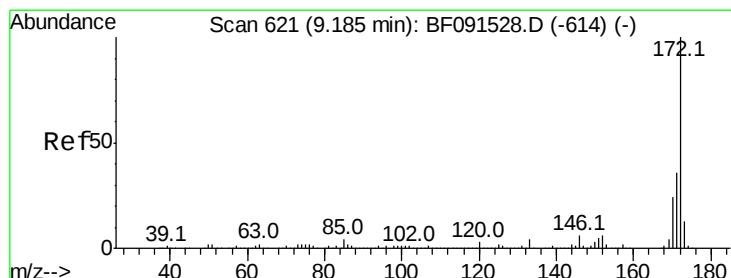
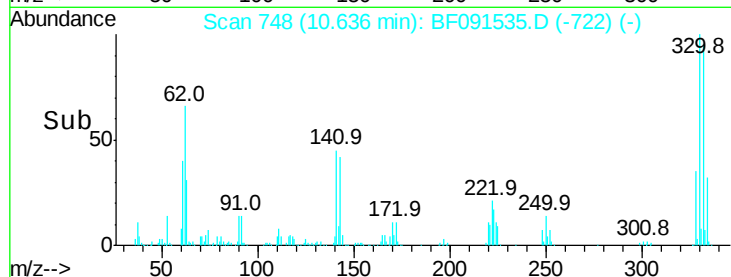
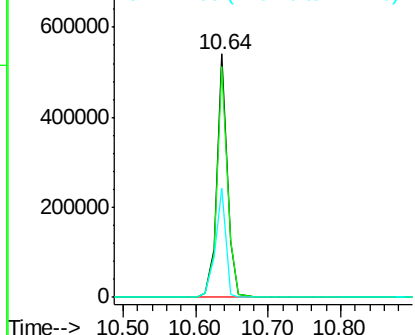
#41
 2,4,6-Tribromophenol
 Concen: 143.34 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091535.D
 Acq: 9 Dec 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tot Ion:330 Resp: 545452
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 44.5 33.6 50.4

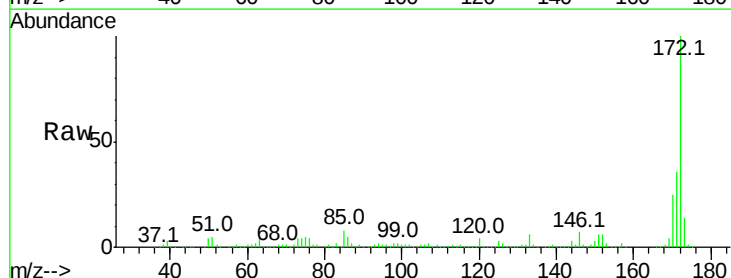


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

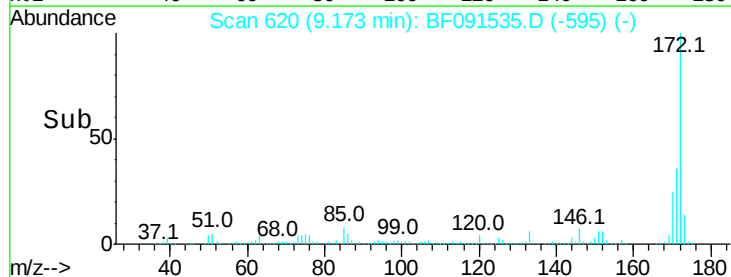
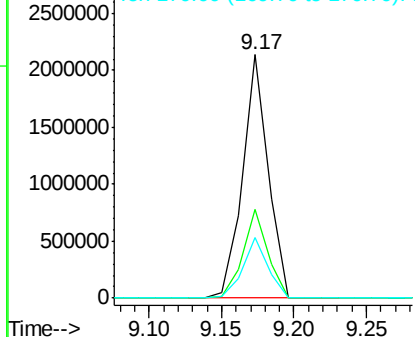


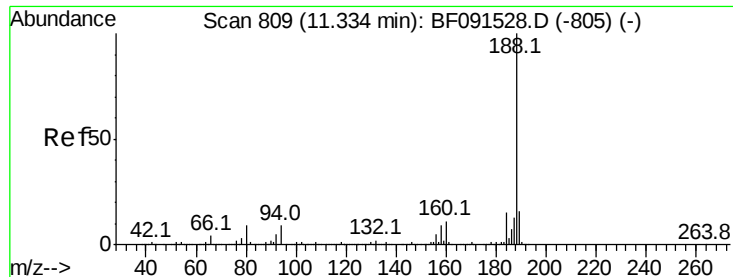
#44
 2-Fluorobiphenyl
 Concen: 98.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091535.D
 Acq: 9 Dec 2016 18:57

Tgt Ion:172 Resp: 2601781
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 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

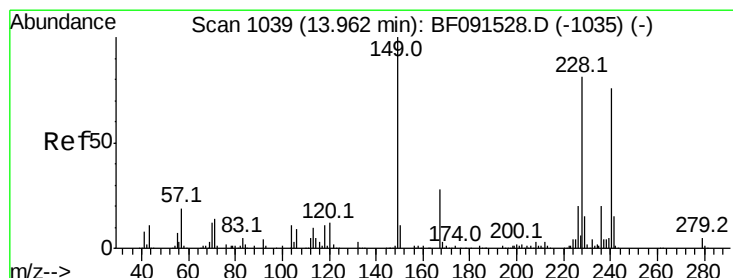
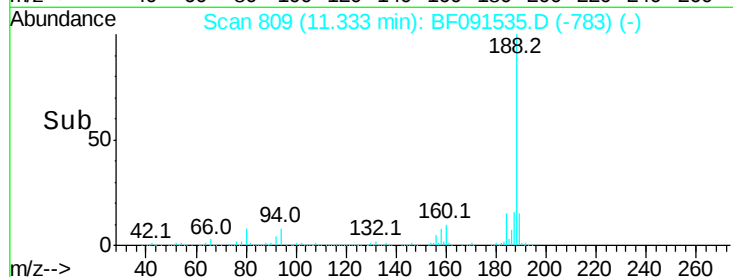
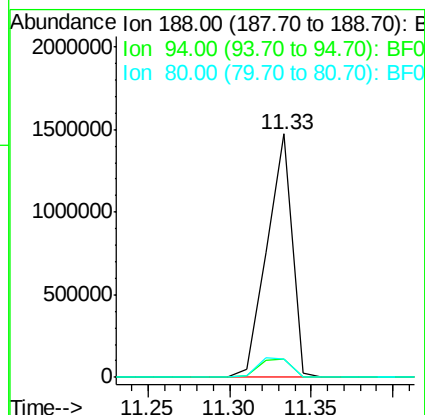
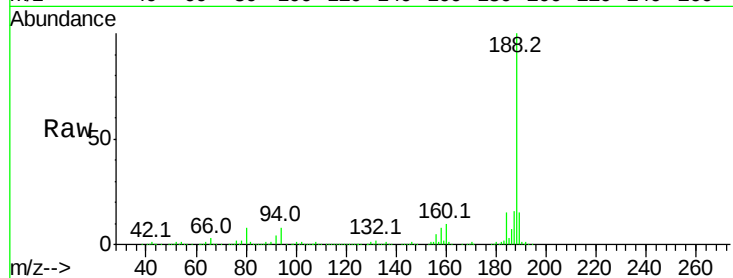




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091535.D
Acq: 9 Dec 2016 18:57

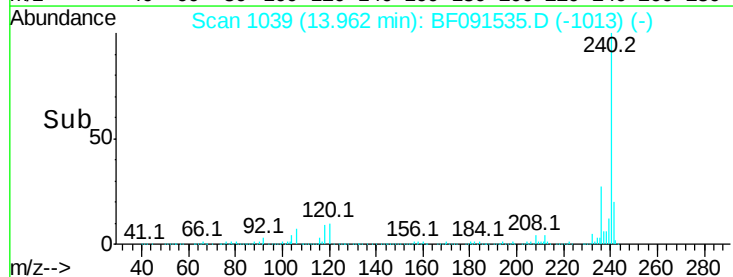
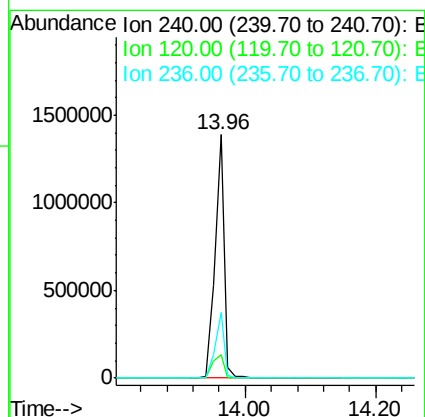
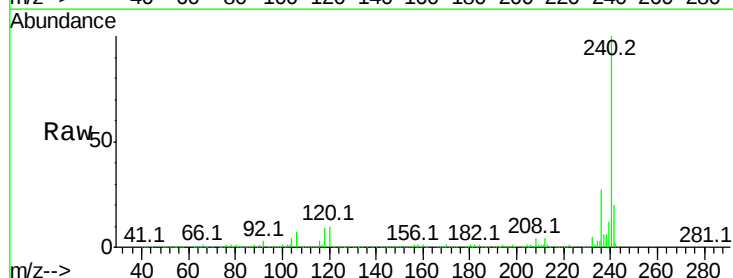
Instrument :
BNA_F
ClientSampleId :
PB95122BL

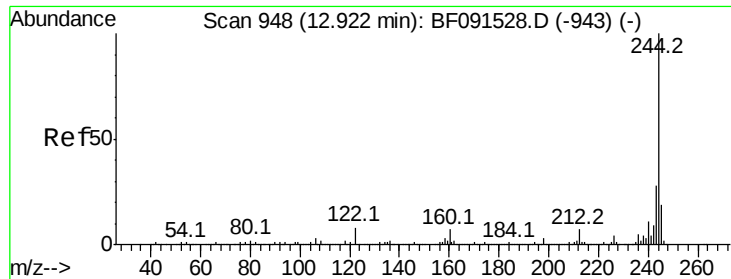
Tot Ion:188 Resp: 1581284
Ion Ratio Lower Upper
188 100
94 7.5 9.2 13.8#
80 7.7 10.5 15.7#



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091535.D
Acq: 9 Dec 2016 18:57

Tgt Ion:240 Resp: 1393347
Ion Ratio Lower Upper
240 100
120 9.8 12.1 18.1#
236 26.9 21.0 31.6





#78

Terphenyl-d14

Concen: 86.70 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

Instrument :

BNA_F

ClientSampled :

PB95122BL

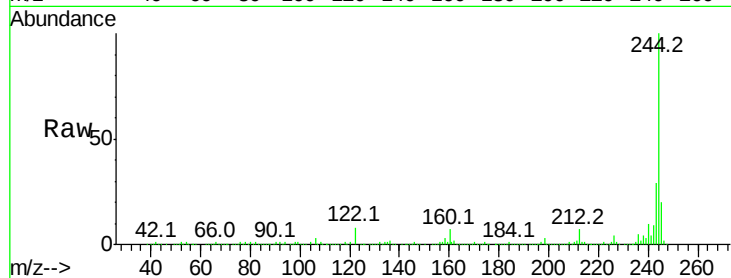
Tot Ion:244 Resp: 2661849

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

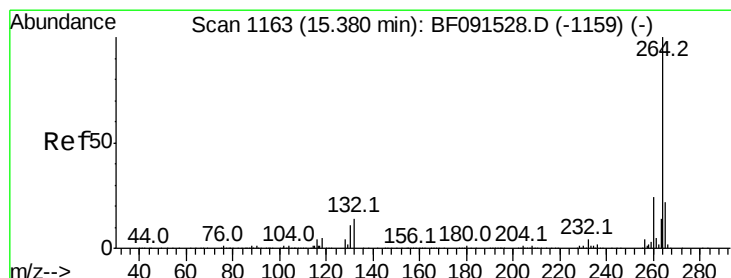
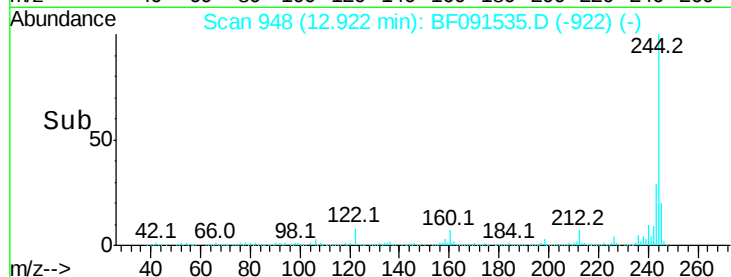
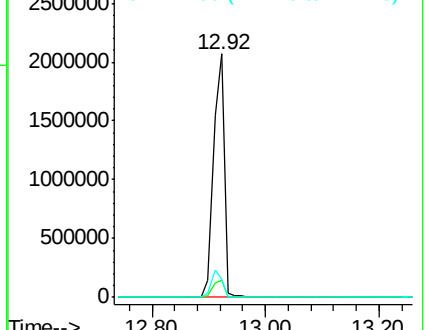
122 7.7 9.5 14.3#



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: 40.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091535.D

Acq: 9 Dec 2016 18:57

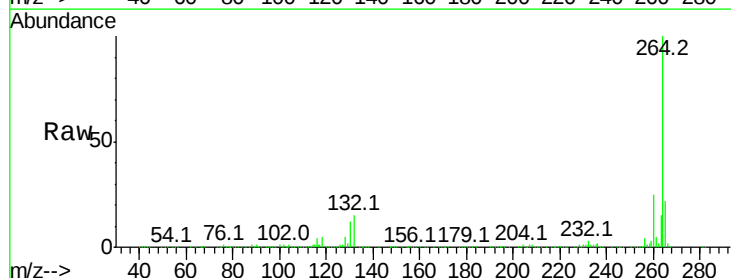
Tgt Ion:264 Resp: 1190650

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.3 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

