

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091561.D
 Acq On : 13 Dec 2016 18:35
 Operator : UM/SJ
 Sample : PB95263BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95263BL

Quant Time: Dec 14 01:06:54 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	322818	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1343639	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	617694	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	951043	20.00	ng	0.00
75) Chrysene-d12	13.96	240	703145	20.00	ng	0.00
86) Perylene-d12	15.38	264	711531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2265563	118.24	ng	0.01
7) Phenol-d6	6.45	99	2718241	113.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	1880894	78.13	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	502951	98.03	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2743035	76.73	ng	-0.01
78) Terphenyl-d14	12.92	244	2215580	71.50	ng	0.00

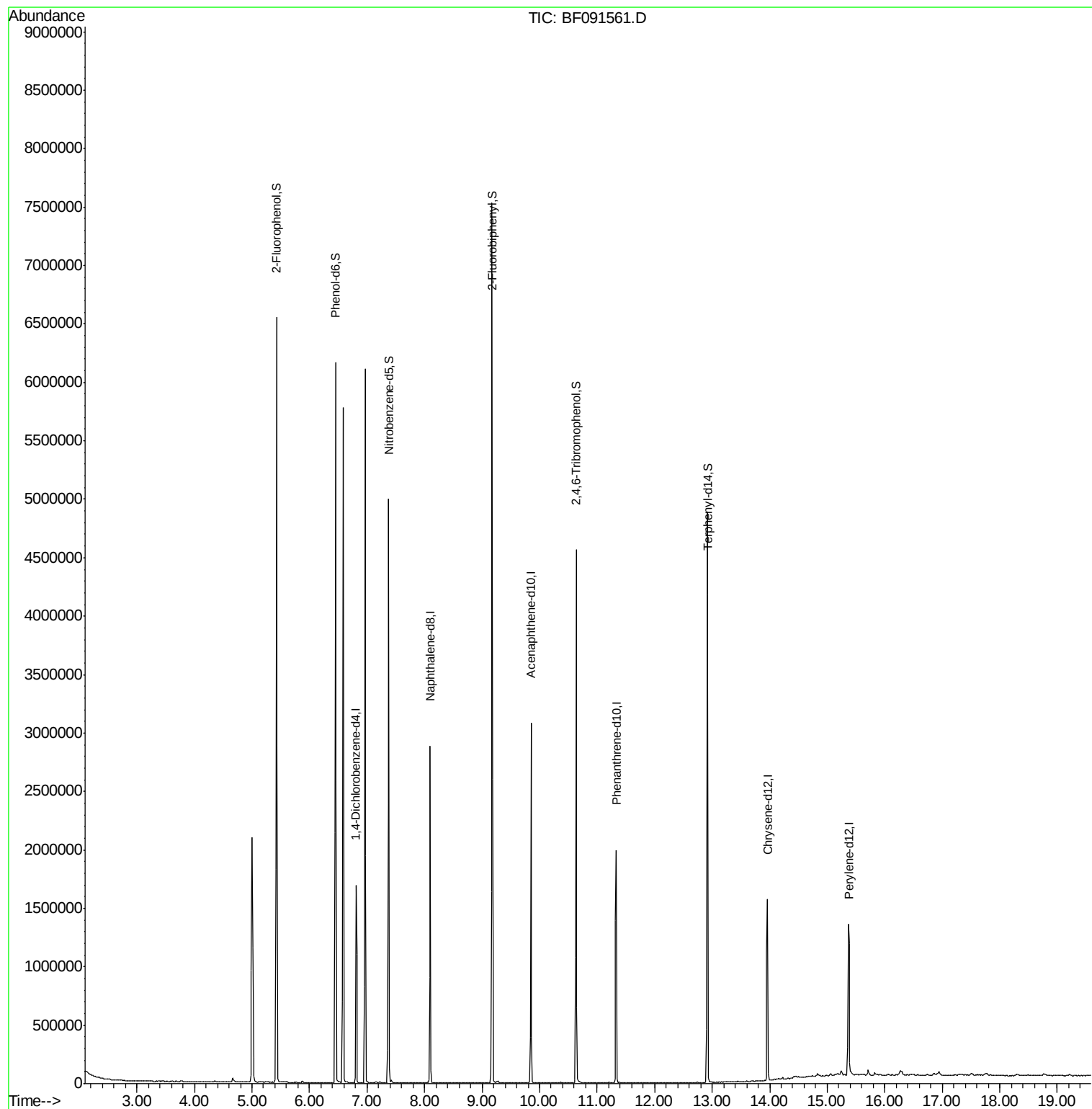
Target Compounds Qvalue

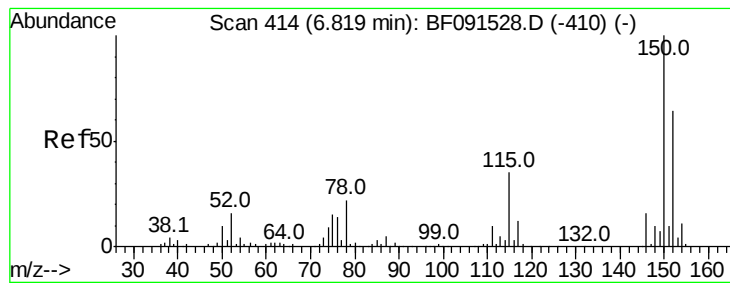
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB95263BL

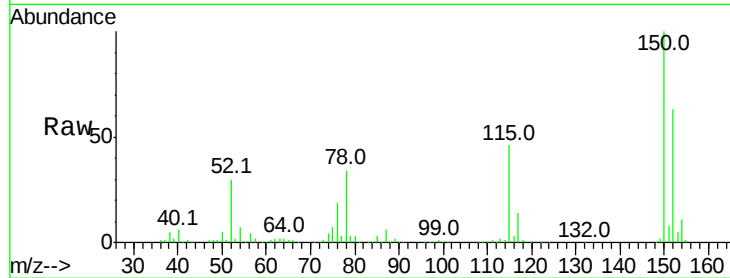
Tot Ion:152 Resp: 322818

Ion Ratio Lower Upper

152 100

150 158.1 122.5 183.7

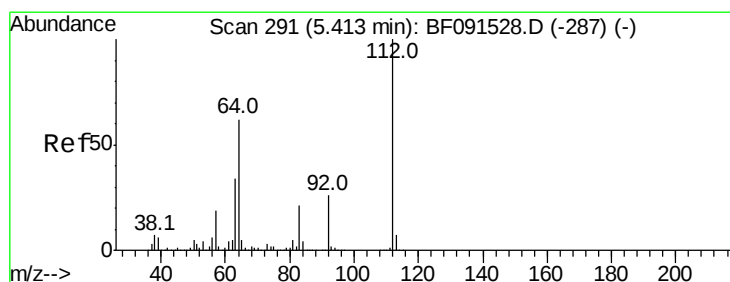
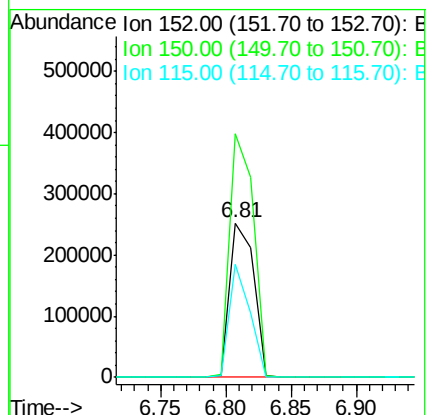
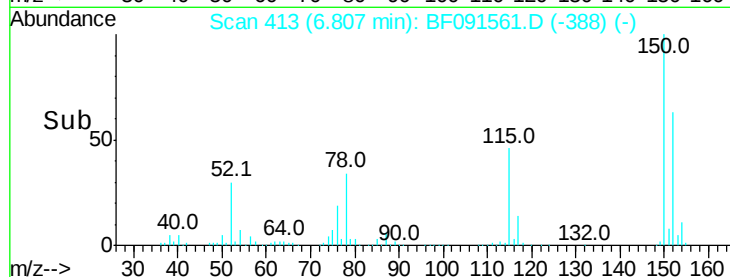
115 73.0 51.8 77.8



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: 118.24 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

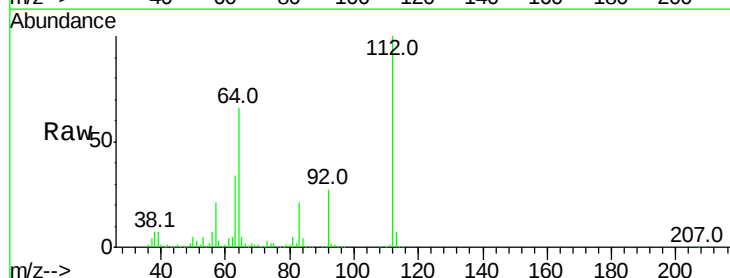
Tgt Ion:112 Resp: 2265563

Ion Ratio Lower Upper

112 100

64 66.1 61.5 92.3

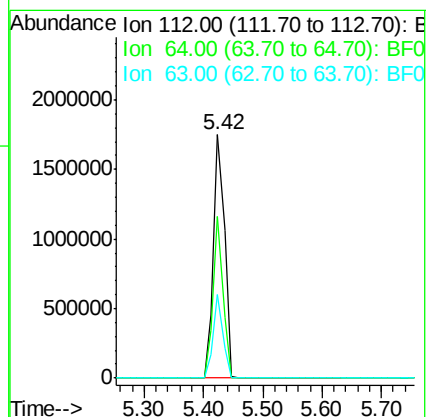
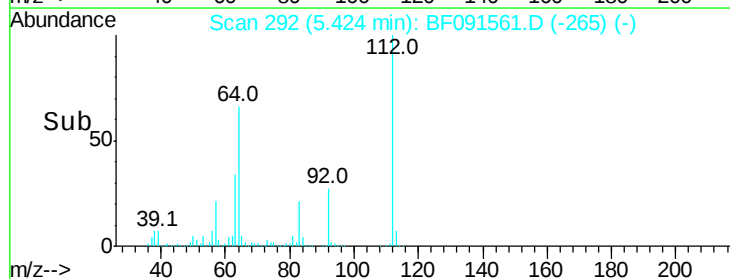
63 34.3 33.3 49.9

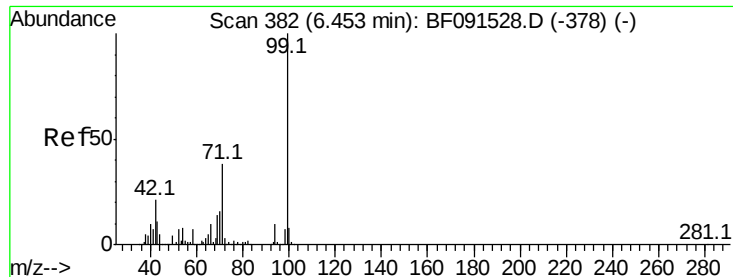


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.79 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

Instrument :

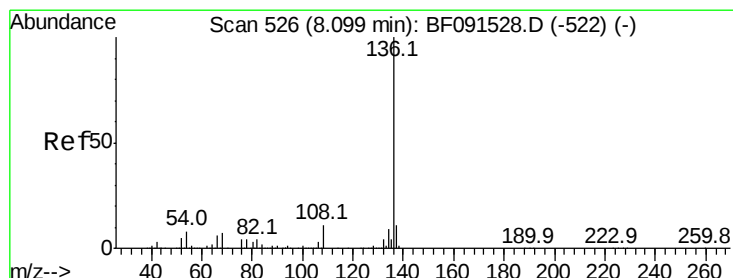
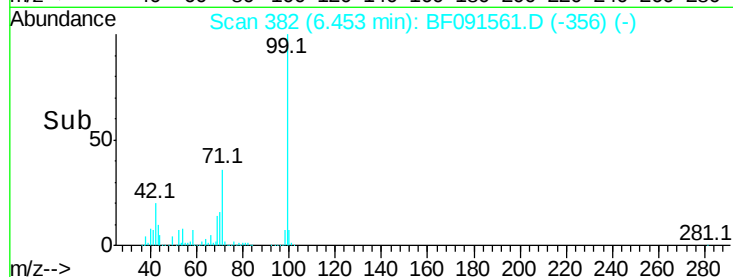
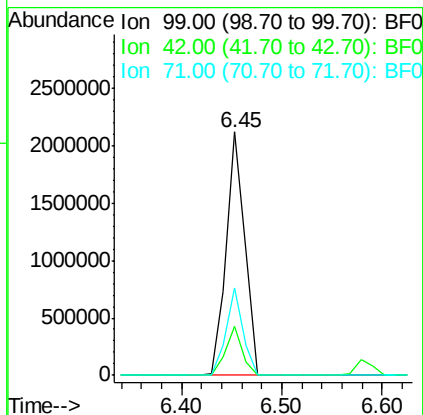
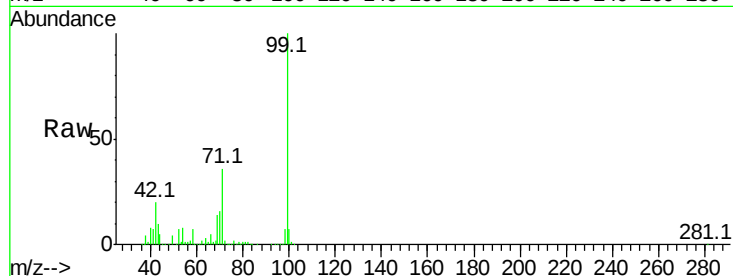
BNA_F

ClientSampleId :

PB95263BL

Tot Ion: 99 Resp: 2718241

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	36.0	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

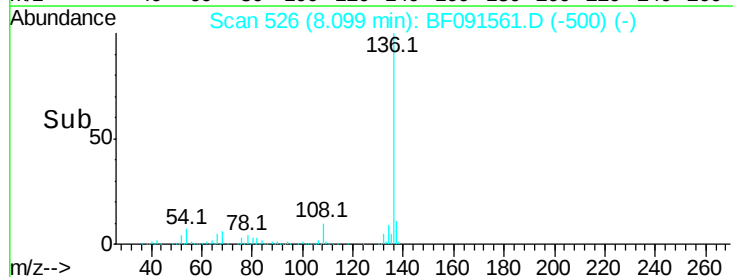
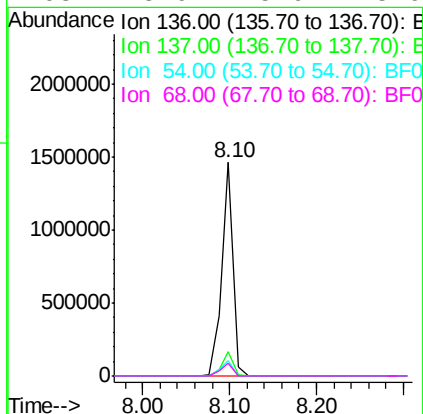
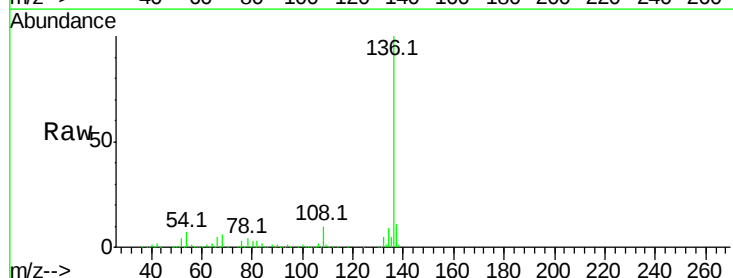
Delta R.T. -0.00 min

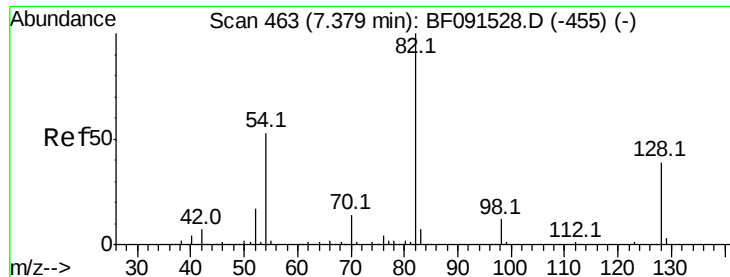
Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

Tgt Ion: 136 Resp: 1343639

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	9.1	13.7#
68	5.9	5.9	8.9#



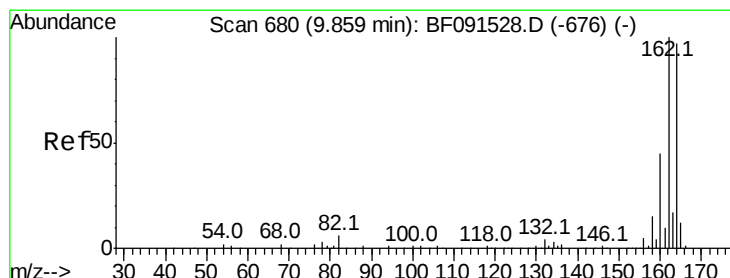
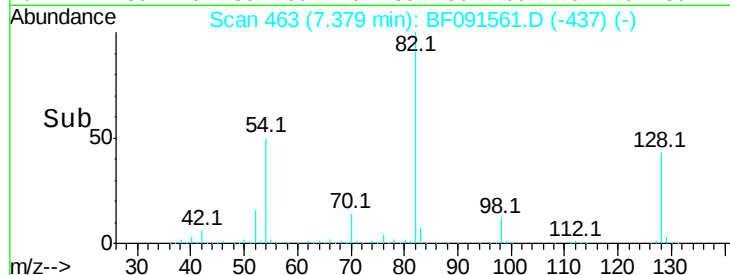
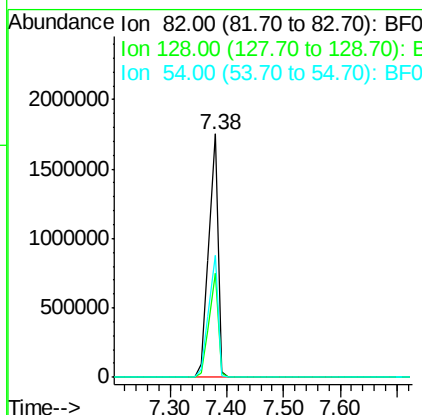
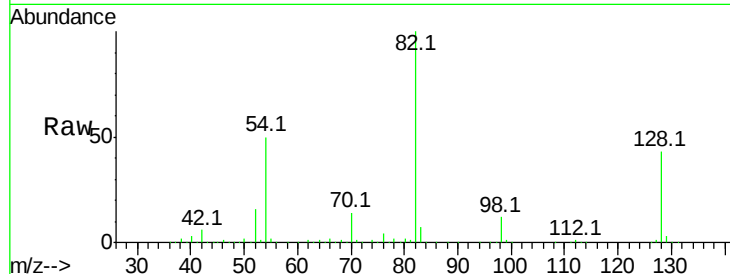


#23
 Nitrobenzene-d5
 Concen: 78.13 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091561.D
 Acq: 13 Dec 2016 18:35

Instrument :
 BNA_F
 ClientSampleID :
 PB95263BL

Tot Ion: 82 Resp: 1880894

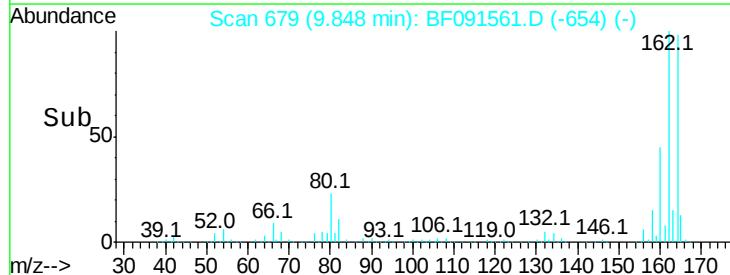
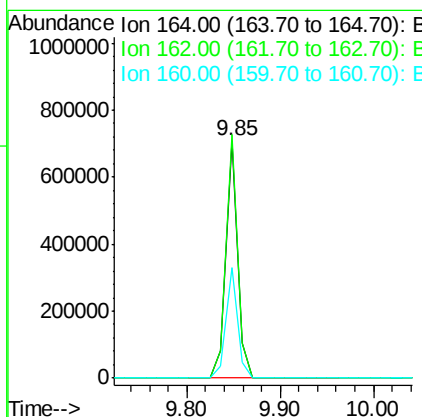
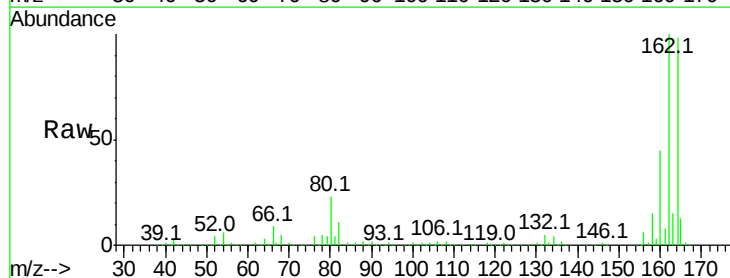
Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.8	47.6
54	50.2	49.1	73.7

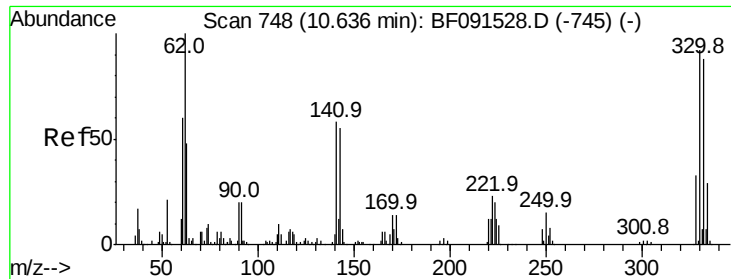


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091561.D
 Acq: 13 Dec 2016 18:35

Tgt Ion: 164 Resp: 617694

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	46.4	36.7	55.1

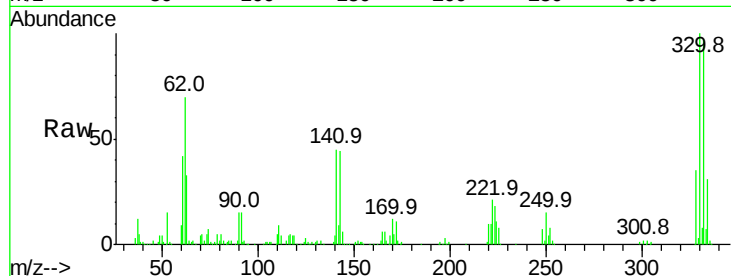




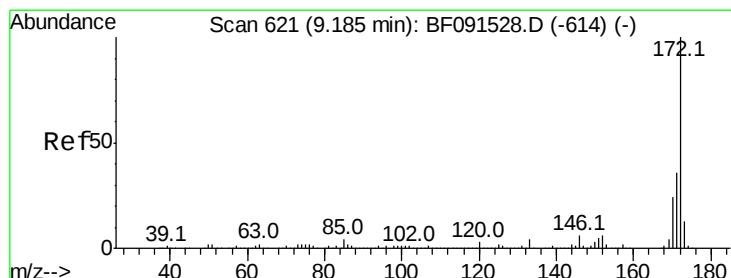
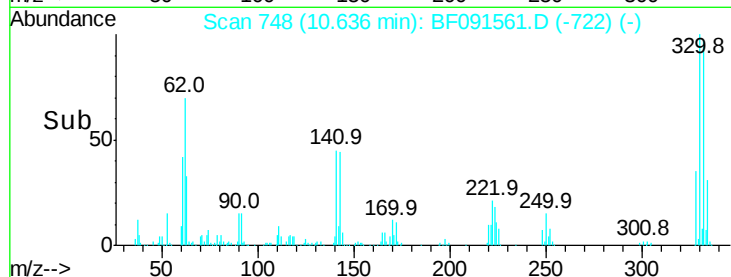
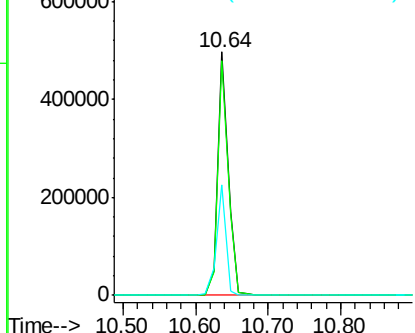
#41
 2,4,6-Tribromophenol
 Concen: 98.03 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091561.D
 Acq: 13 Dec 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95263BL

Tot Ion:330 Resp: 502951
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 40.2 33.6 50.4

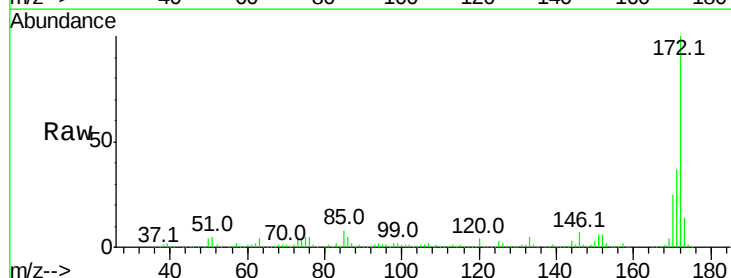


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

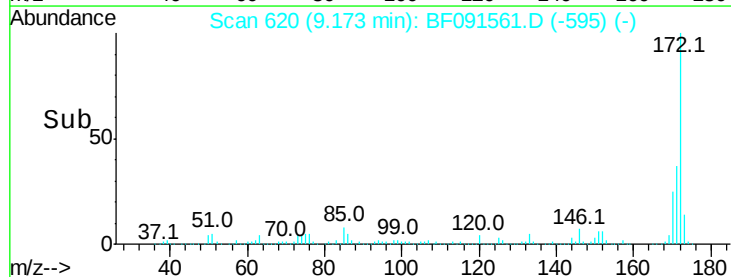
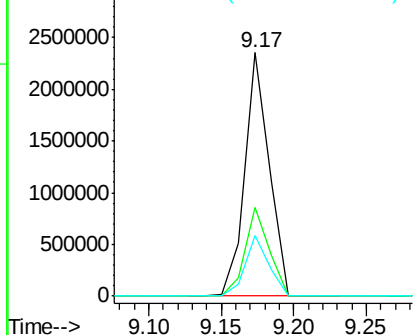


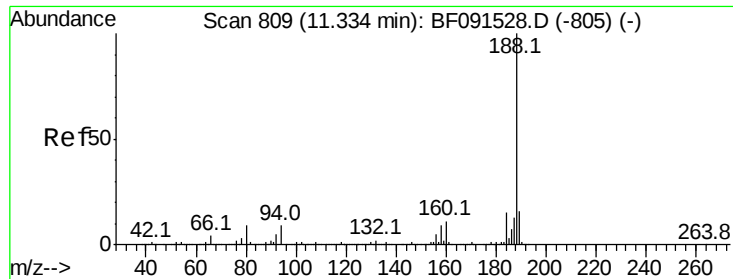
#44
 2-Fluorobiphenyl
 Concen: 76.73 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091561.D
 Acq: 13 Dec 2016 18:35

Tgt Ion:172 Resp: 2743035
 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

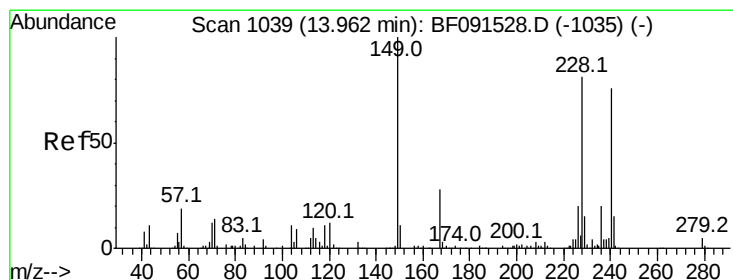
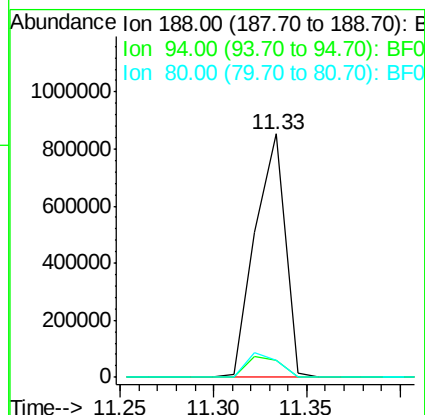
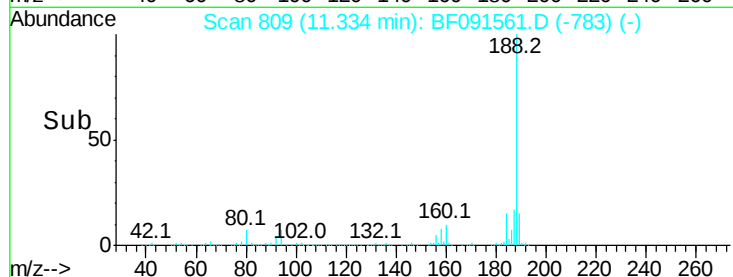
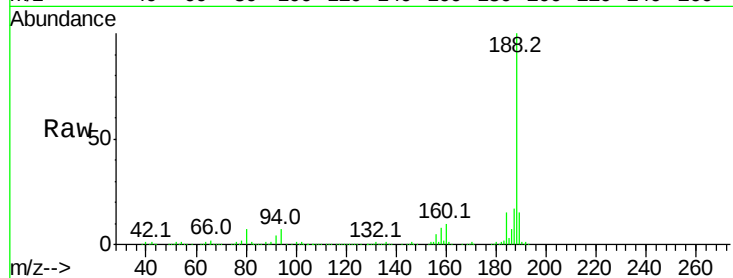




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

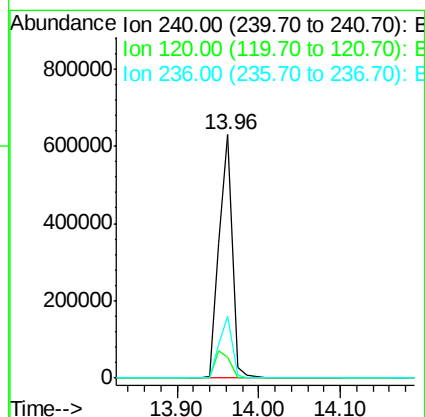
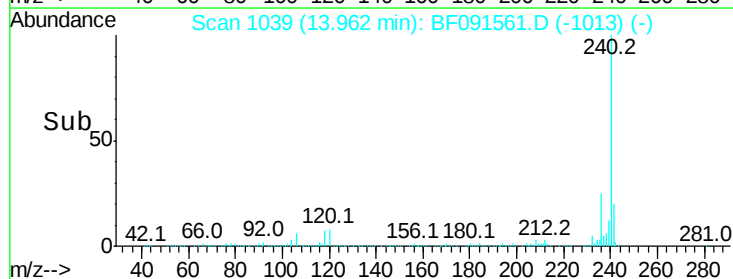
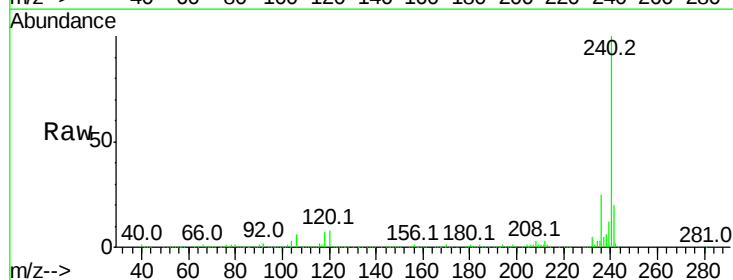
Instrument :
BNA_F
ClientSampleId :
PB95263BL

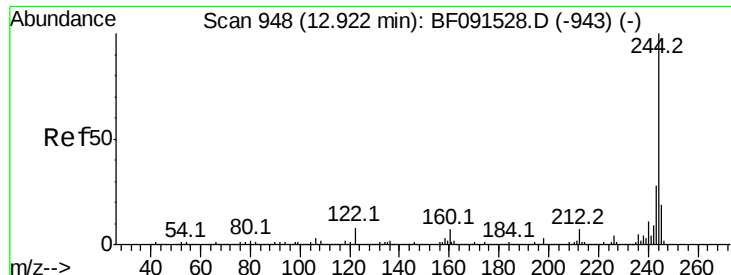
Tot Ion:188 Resp: 951043
Ion Ratio Lower Upper
188 100
94 7.1 9.2 13.8#
80 6.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:240 Resp: 703145
Ion Ratio Lower Upper
240 100
120 8.4 12.1 18.1#
236 25.4 21.0 31.6





#78

Terphenyl-d14

Concen: 71.50 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB95263BL

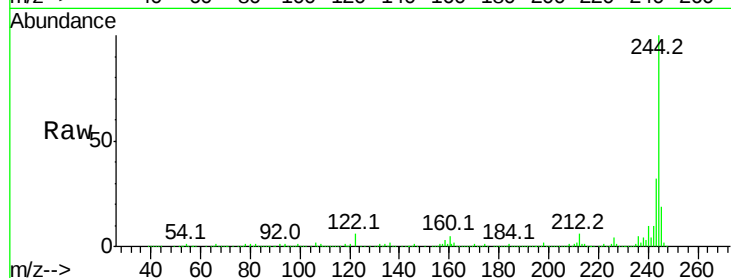
Tot Ion:244 Resp: 2215580

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

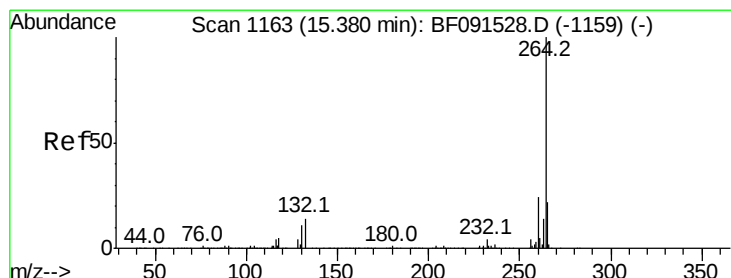
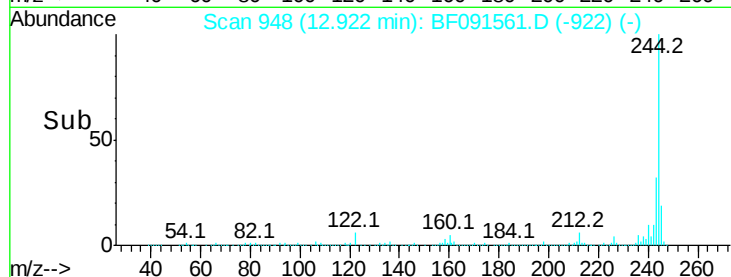
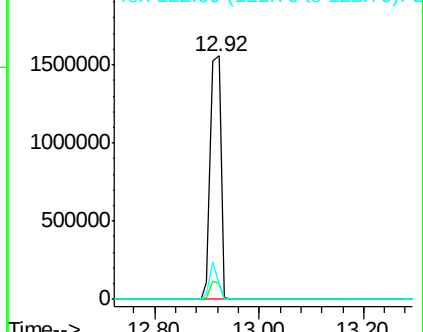
122 6.1 9.5 14.3#



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: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091561.D

Acq: 13 Dec 2016 18:35

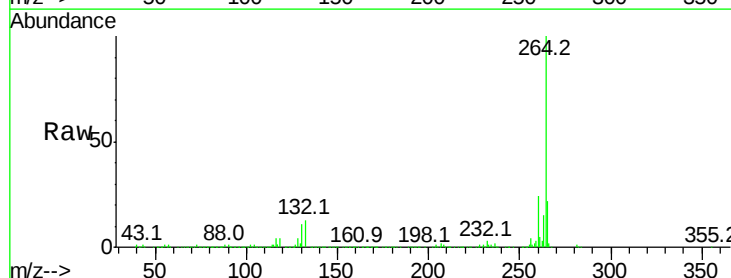
Tgt Ion:264 Resp: 711531

Ion Ratio Lower Upper

264 100

260 23.6 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

