

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091676.D
 Acq On : 16 Dec 2016 16:52
 Operator : UM/SJ
 Sample : PB95365BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BL

Quant Time: Dec 16 23:09:14 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	6.77	152	221694	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	905119	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	550214	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	834719	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	872611	20.00	ng	-0.02
86) Perylene-d12	15.32	264	711453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1504178	114.31	ng	0.00
7) Phenol-d6	6.42	99	2218161	135.21	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1143211	70.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	560505	122.65	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2257530	70.90	ng	-0.01
78) Terphenyl-d14	12.88	244	2316555	60.24	ng	-0.02

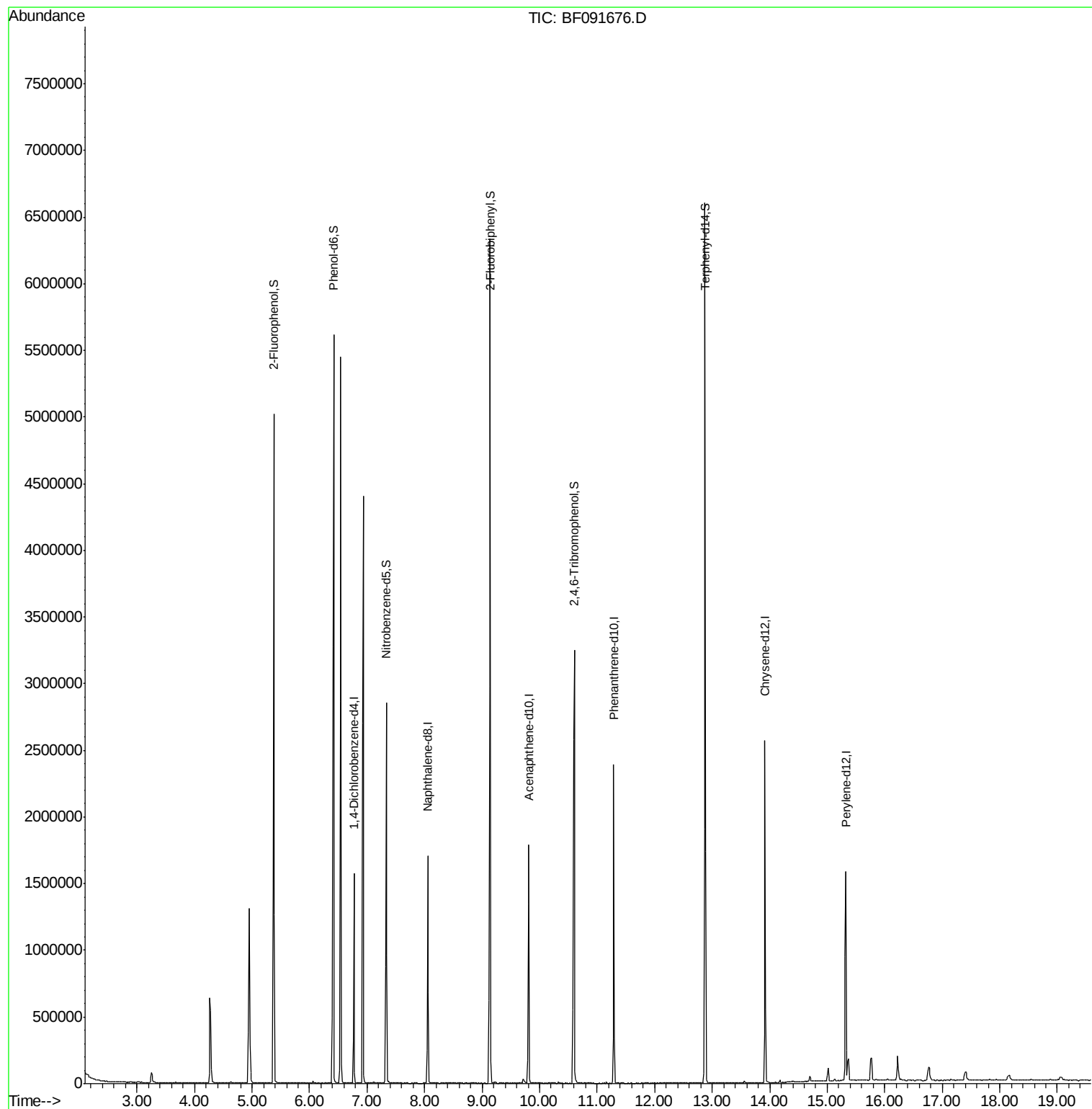
Target Compounds Qvalue

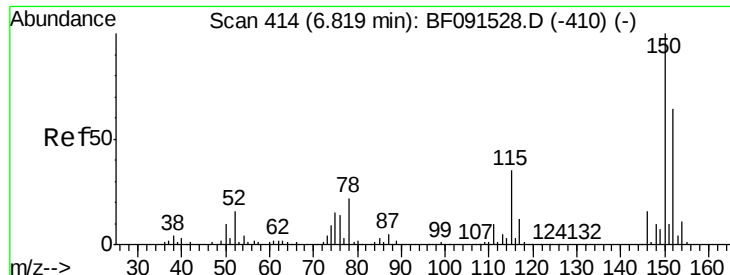
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091676.D
Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Quant Time: Dec 16 23:09:14 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

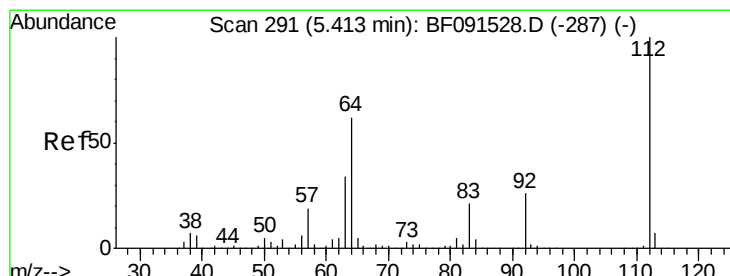
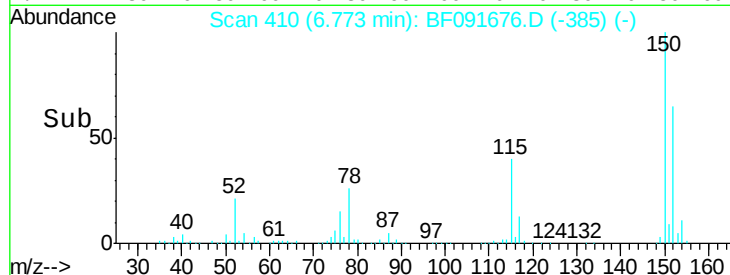
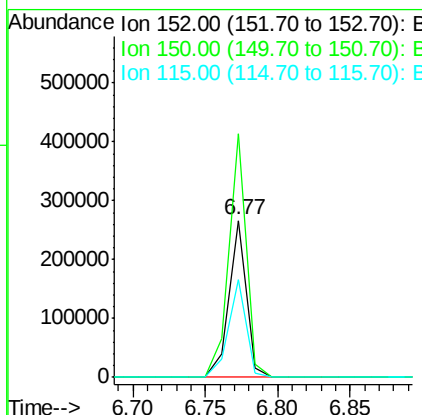
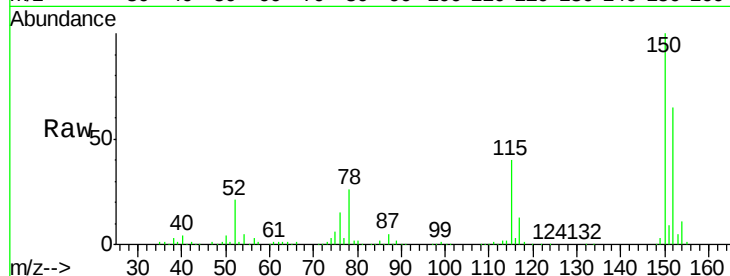




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF091676.D
 Acq: 16 Dec 2016 16:52

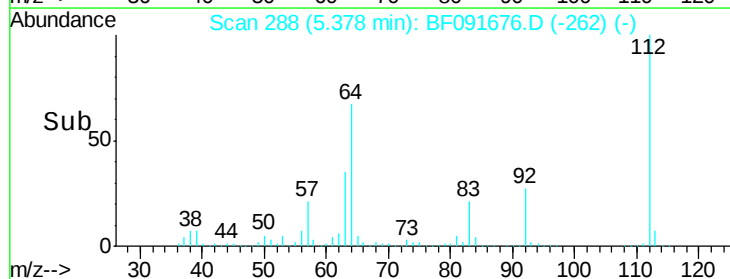
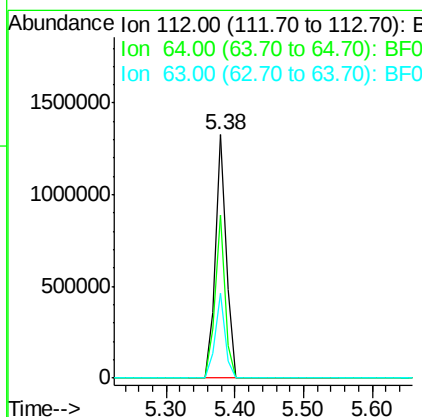
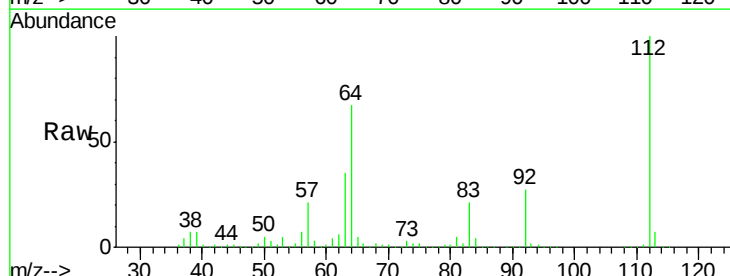
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BL

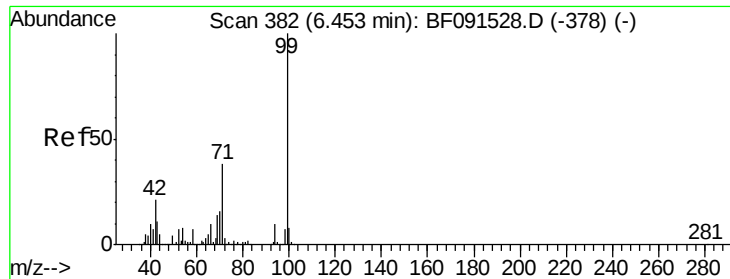
Tot Ion:152 Resp: 221694
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.5 183.7
 115 62.3 51.8 77.8



#5
 2-Fluorophenol
 Concen: 114.31 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF091676.D
 Acq: 16 Dec 2016 16:52

Tgt Ion:112 Resp: 1504178
 Ion Ratio Lower Upper
 112 100
 64 66.8 61.5 92.3
 63 34.8 33.3 49.9





#7

Phenol-d6

Concen: 135.21 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

Instrument :

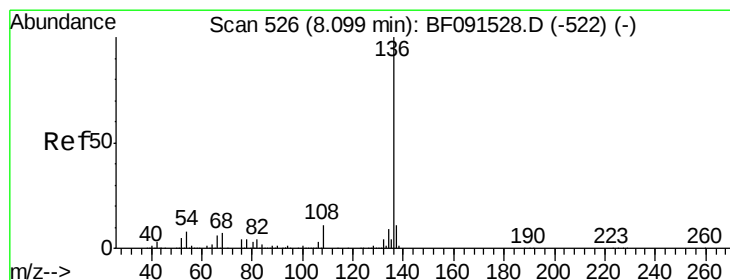
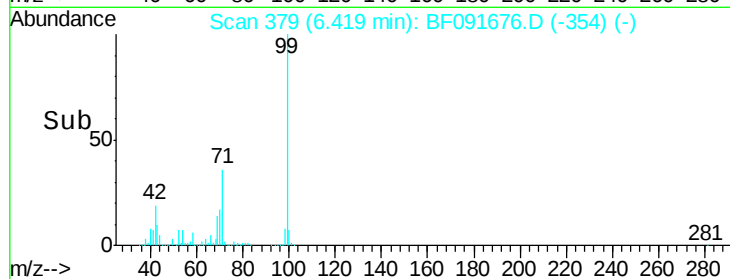
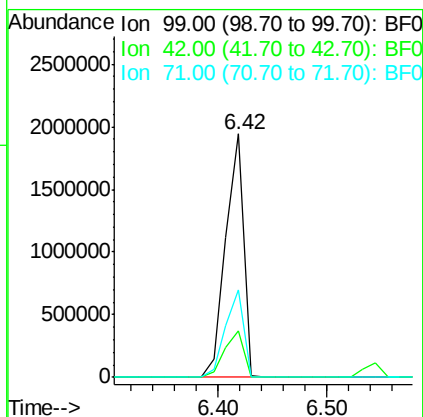
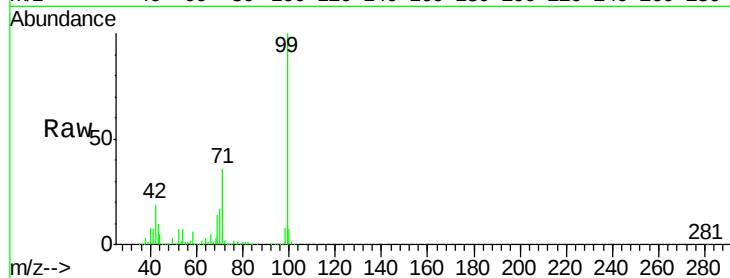
BNA_F

ClientSampleId :

PB95365BL

Tot Ion: 99 Resp: 2218161

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.6	31.0#
71	35.8	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

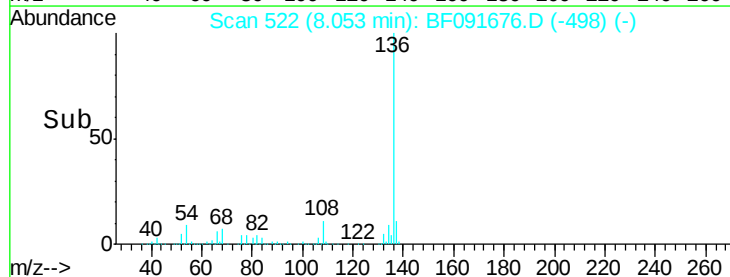
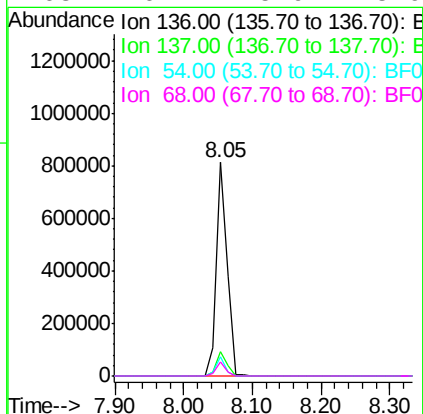
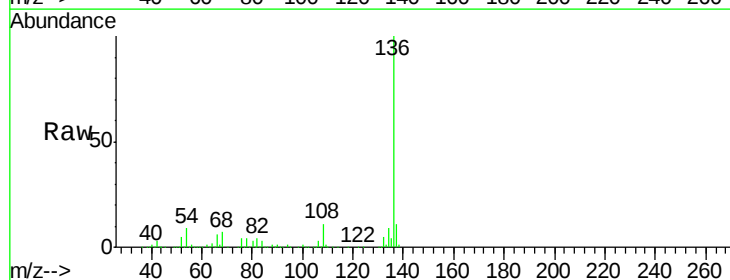
Delta R.T. -0.02 min

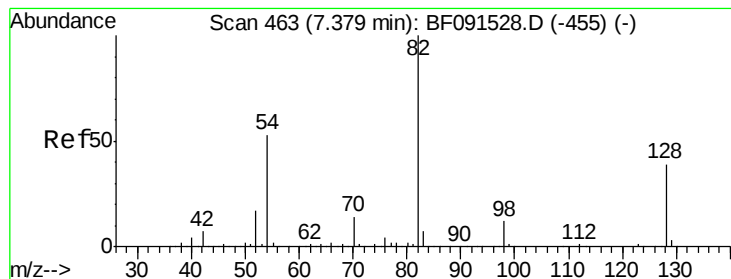
Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

Tgt Ion: 136 Resp: 905119

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	9.1	13.7#
68	6.7	5.9	8.9





#23

Nitrobenzene-d5

Concen: 70.49 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

Instrument :

BNA_F

ClientSampleId :

PB95365BL

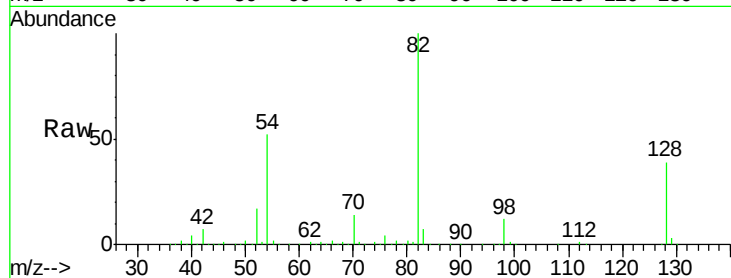
Tot Ion: 82 Resp: 1143211

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

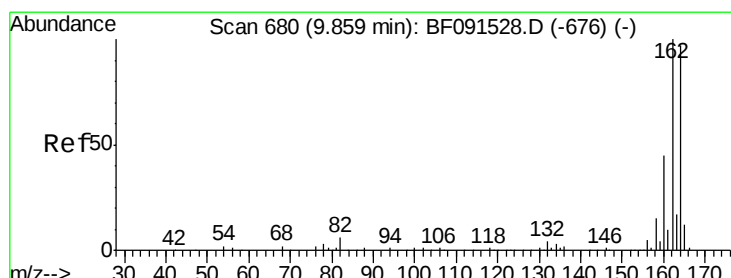
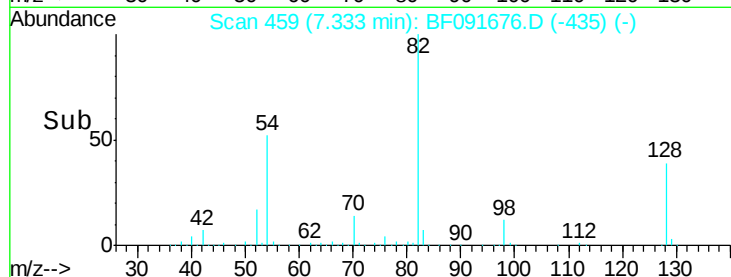
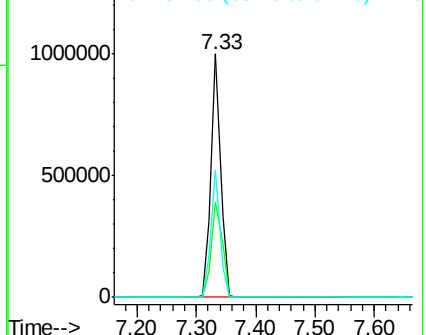
54 52.1 49.1 73.7



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: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

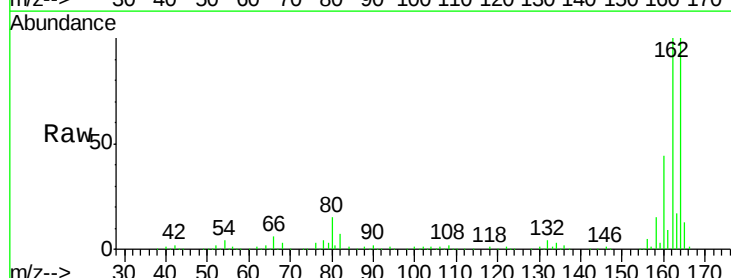
Tgt Ion:164 Resp: 550214

Ion Ratio Lower Upper

164 100

162 99.6 82.6 124.0

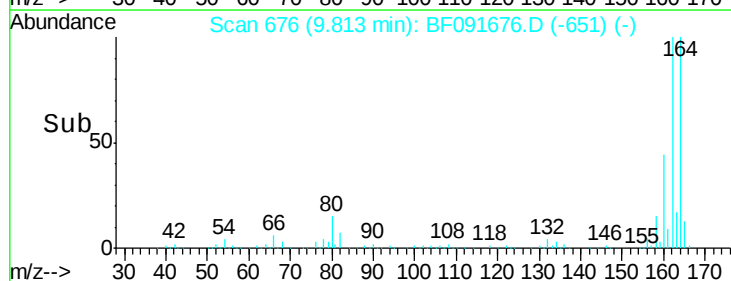
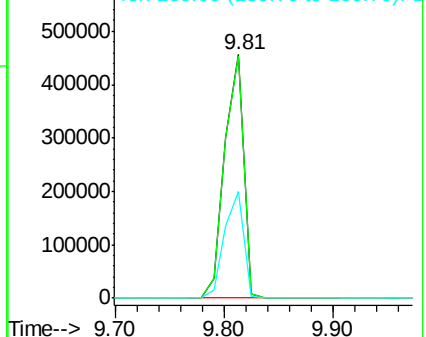
160 44.0 36.7 55.1

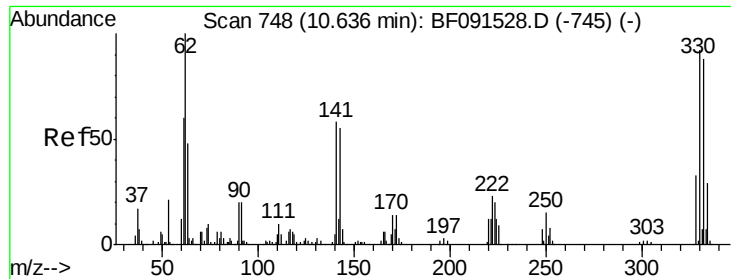


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

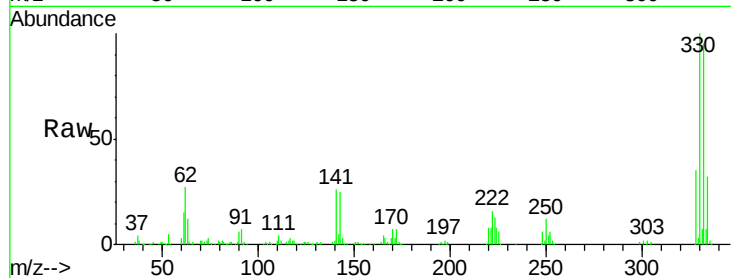




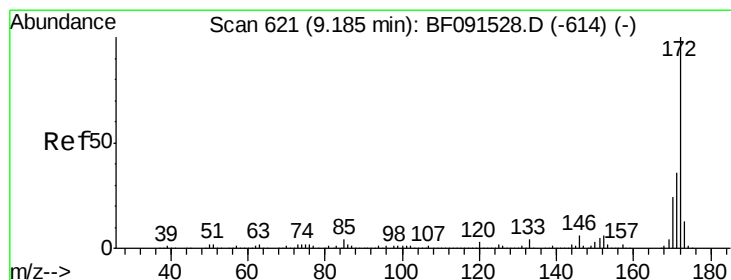
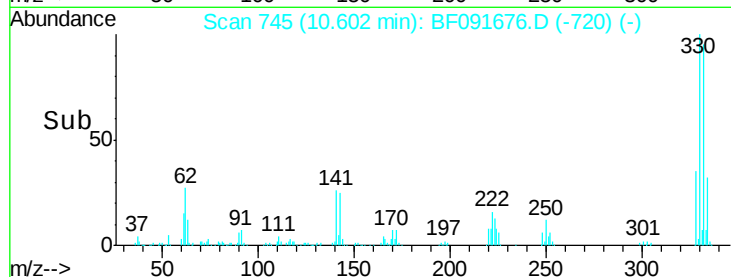
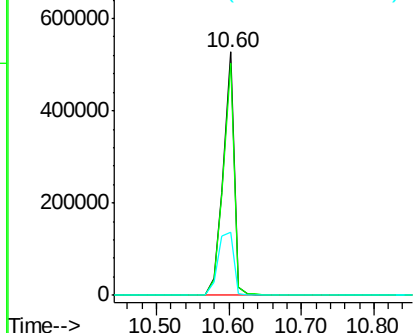
#41
 2,4,6-Tribromophenol
 Concen: 122.65 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091676.D
 Acq: 16 Dec 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BL

Tot Ion:330 Resp: 560505
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 36.9 33.6 50.4

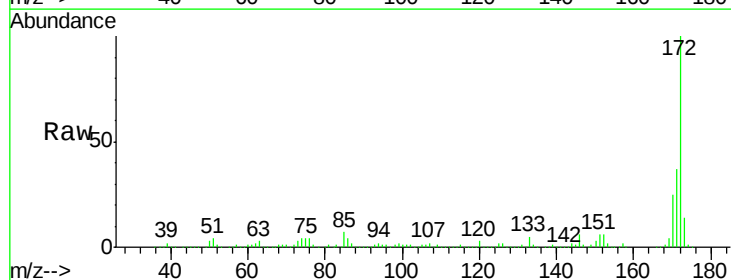


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

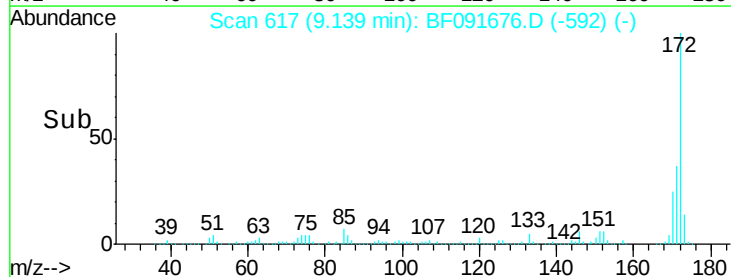
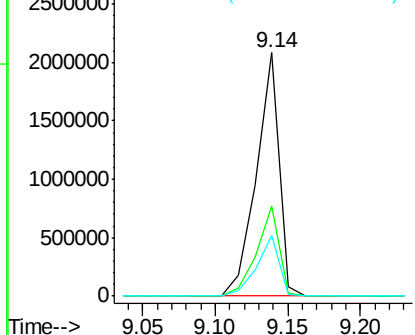


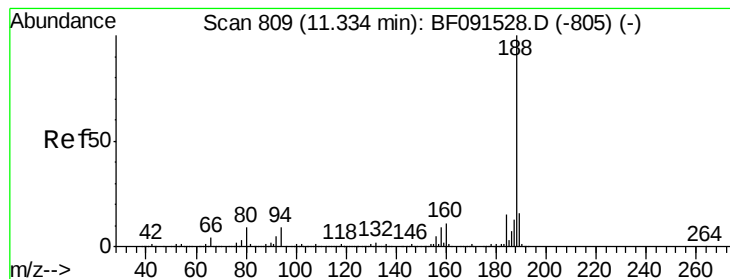
#44
 2-Fluorobiphenyl
 Concen: 70.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091676.D
 Acq: 16 Dec 2016 16:52

Tgt Ion:172 Resp: 2257530
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 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: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

Instrument :

BNA_F

ClientSampleId :

PB95365BL

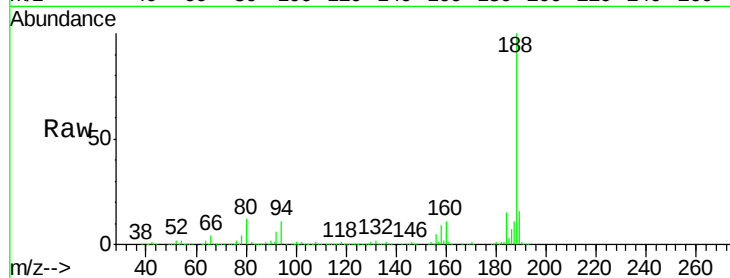
Tot Ion:188 Resp: 834719

Ion Ratio Lower Upper

188 100

94 10.9 9.2 13.8

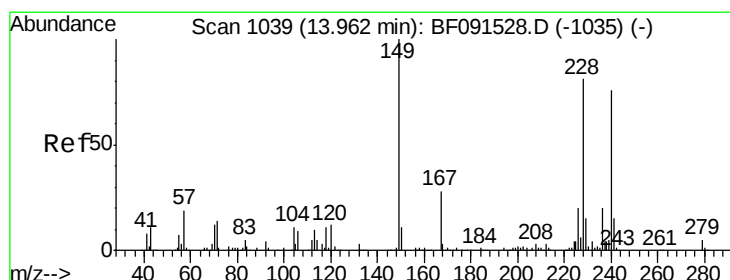
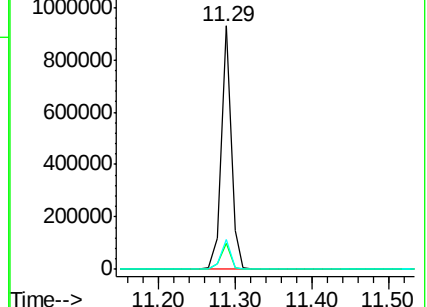
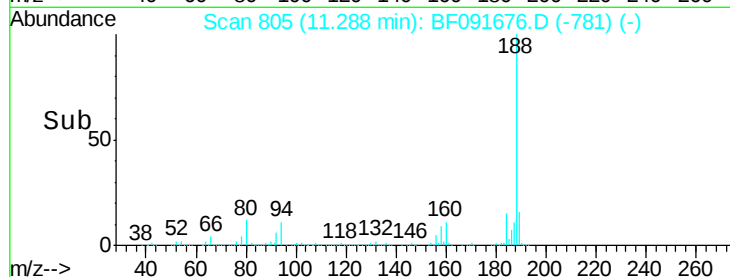
80 12.0 10.5 15.7



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: 13.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

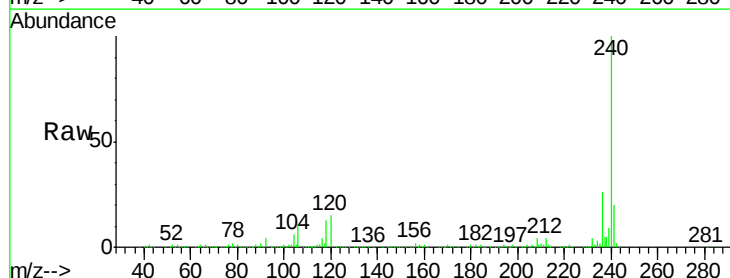
Tgt Ion:240 Resp: 872611

Ion Ratio Lower Upper

240 100

120 14.7 12.1 18.1

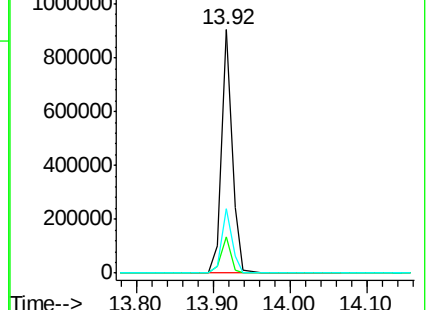
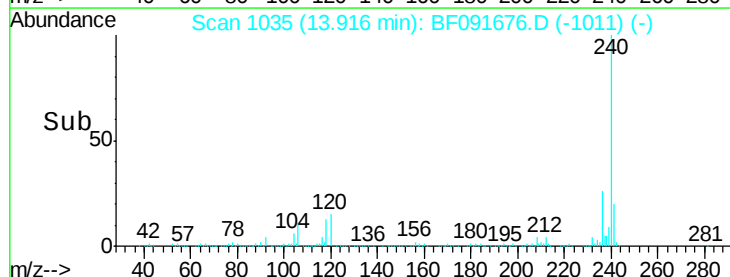
236 26.2 21.0 31.6

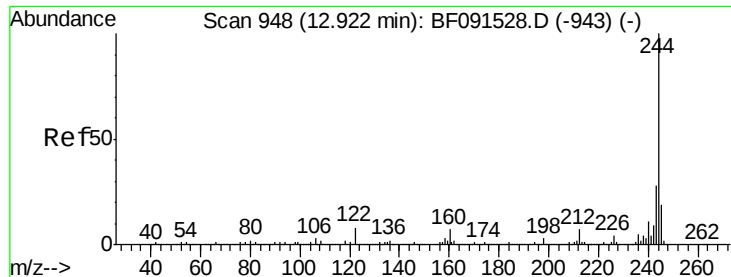


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.24 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

Instrument :

BNA_F

ClientSampled :

PB95365BL

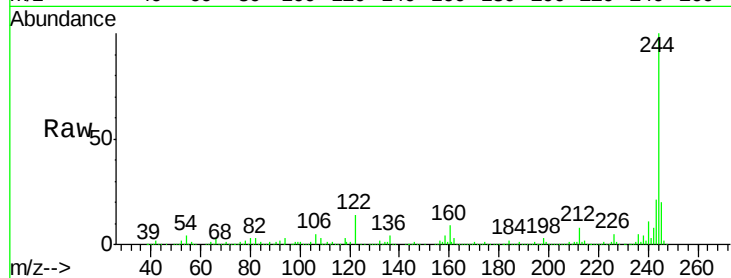
Tot Ion:244 Resp: 2316555

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

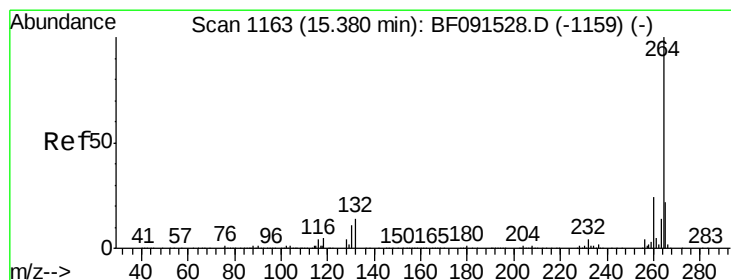
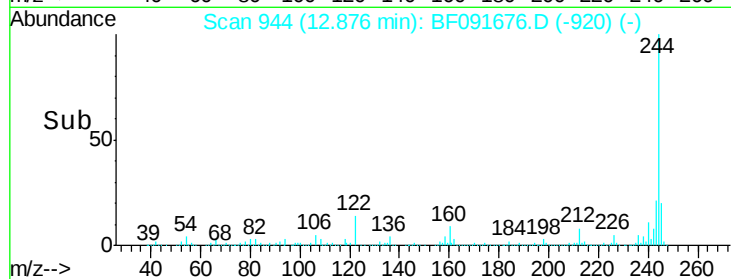
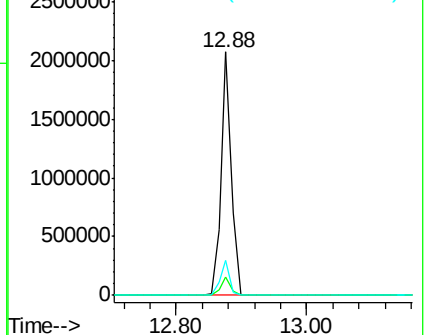
122 14.2 9.5 14.3



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: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091676.D

Acq: 16 Dec 2016 16:52

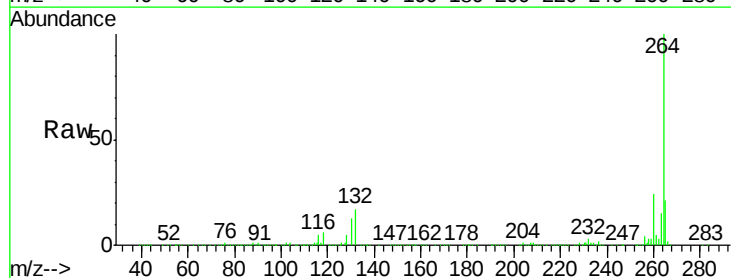
Tgt Ion:264 Resp: 711453

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.3 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

