

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091588.D
 Acq On : 14 Dec 2016 17:06
 Operator : UM/SJ
 Sample : H5986-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 000105-1F-038

Quant Time: Dec 15 01:04:39 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

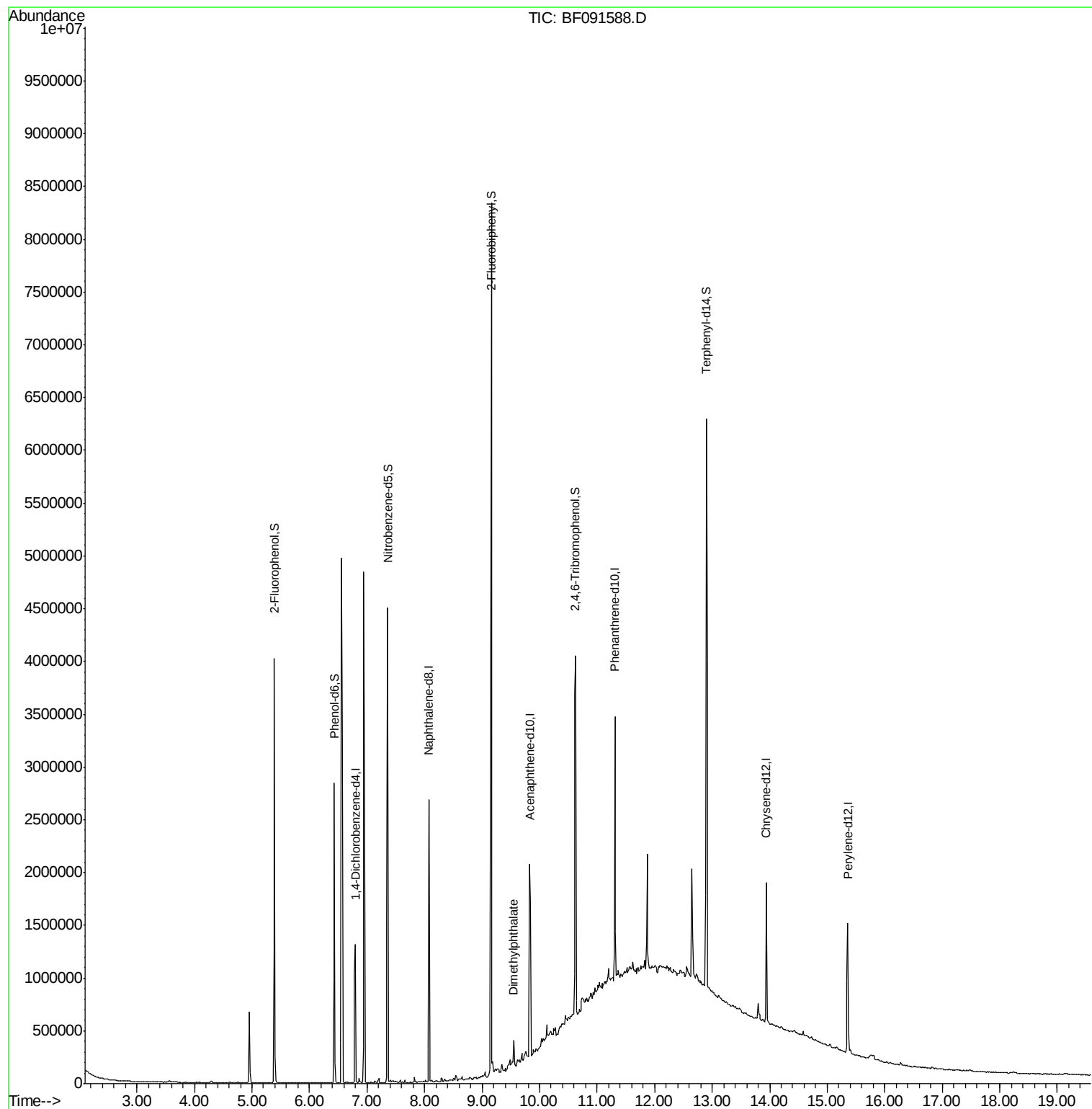
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	270775	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1131951	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	552668	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	874475	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	624294	20.00	ng	-0.02
86) Perylene-d12	15.36	264	580160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1077253	67.03	ng	-0.02
7) Phenol-d6	6.43	99	973712	48.60	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1593283	78.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	615057	133.99	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2884202	90.17	ng	-0.02
78) Terphenyl-d14	12.90	244	2233990	81.20	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	93740	2.68	ng	Qvalue 99

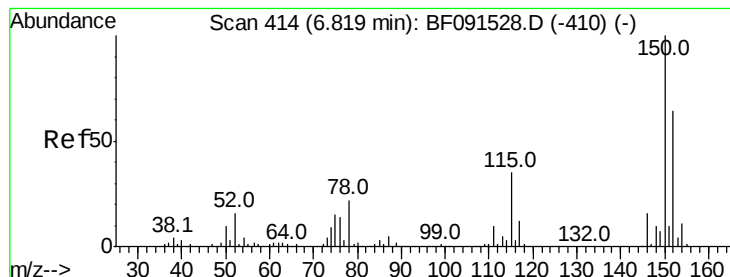
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

000105-1F-038

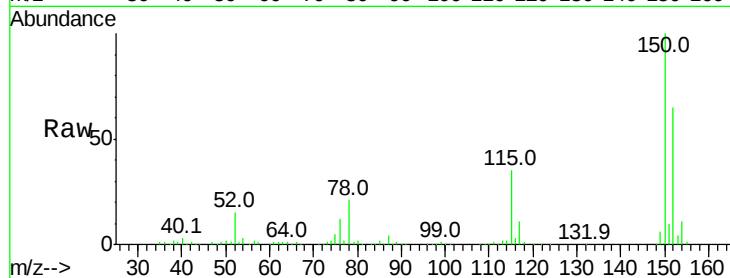
Tot Ion:152 Resp: 270775

Ion Ratio Lower Upper

152 100

150 152.9 122.5 183.7

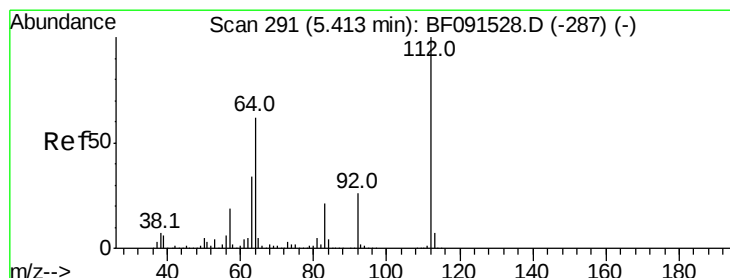
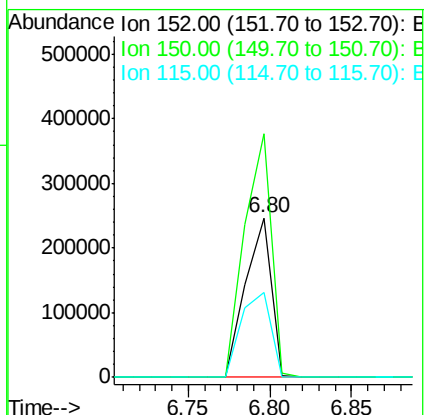
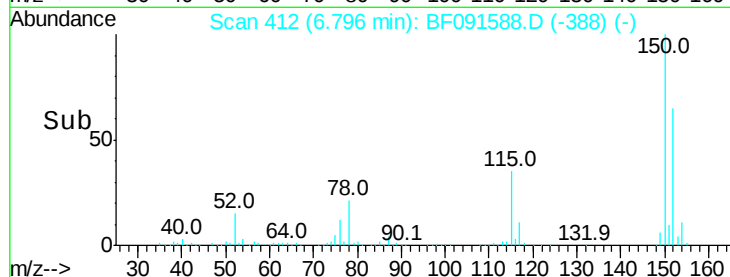
115 53.1 51.8 77.8



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: 67.03 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

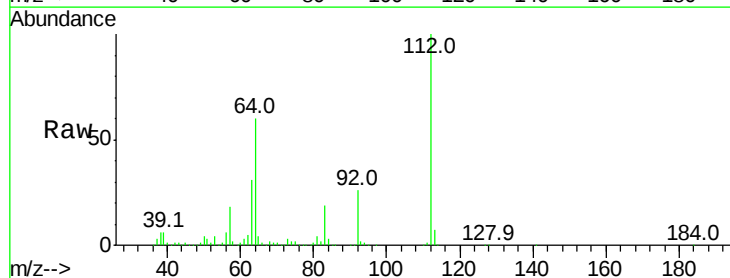
Tgt Ion:112 Resp: 1077253

Ion Ratio Lower Upper

112 100

64 59.7 61.5 92.3#

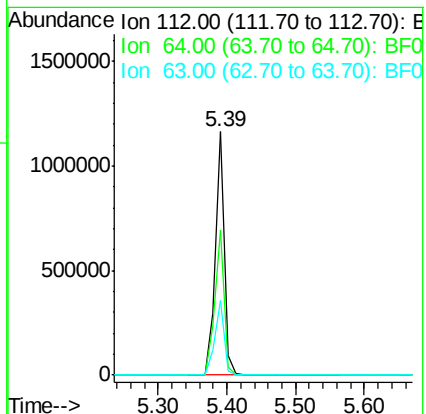
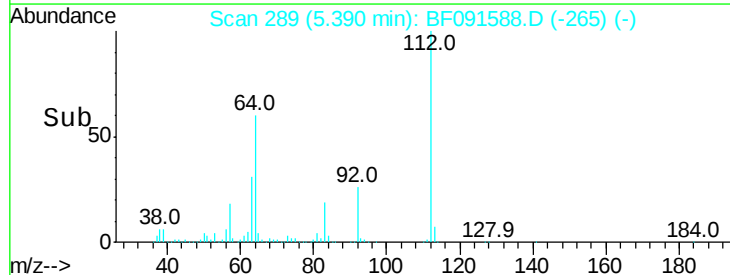
63 30.7 33.3 49.9#

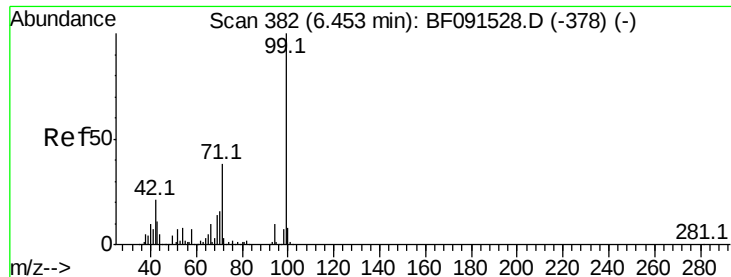


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.60 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

Instrument :

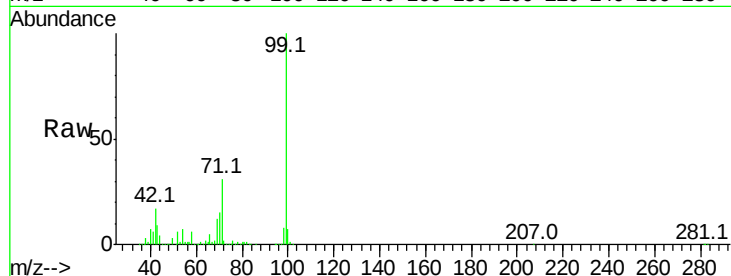
BNA_F

ClientSampleId :

000105-1F-038

Tot Ion: 99 Resp: 973712

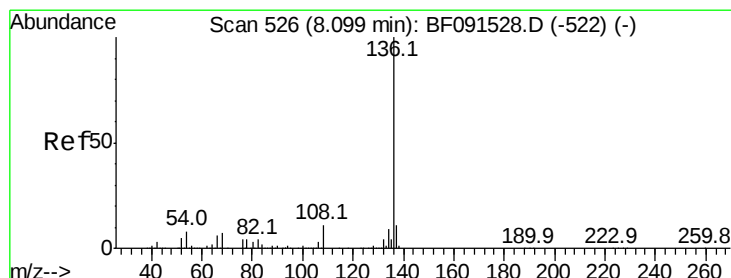
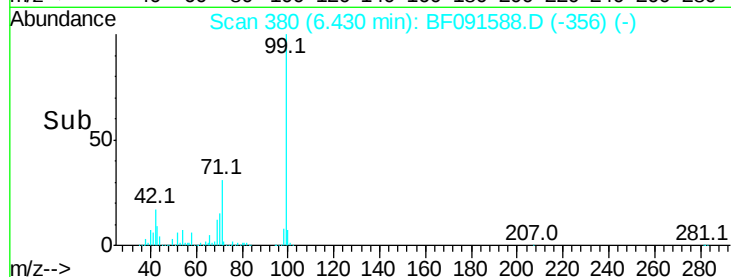
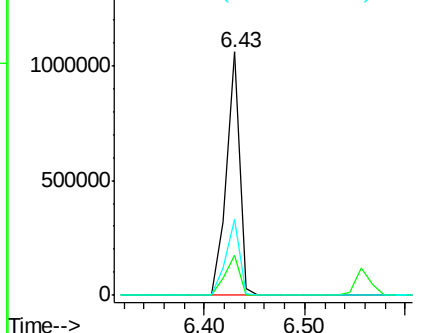
Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.6	31.0#
71	31.4	29.9	44.9



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: 20.00 ng

RT: 8.08 min Scan# 524

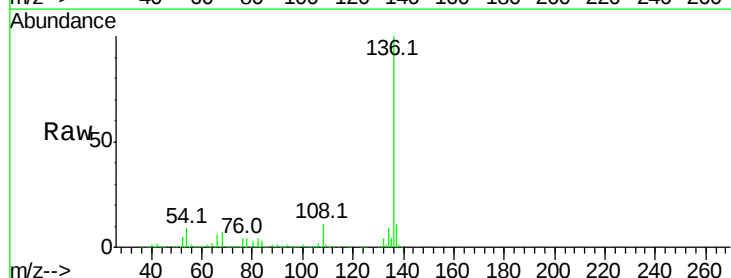
Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

Tgt Ion: 136 Resp: 1131951

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	9.1	13.7#
68	6.8	5.9	8.9

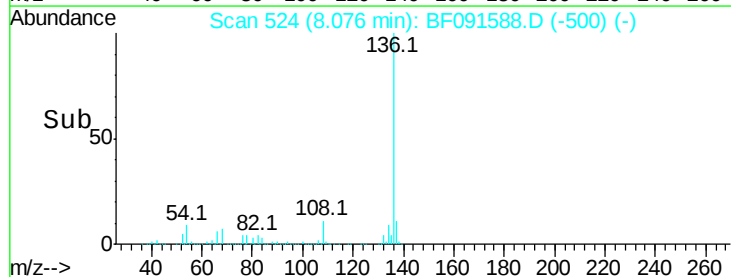
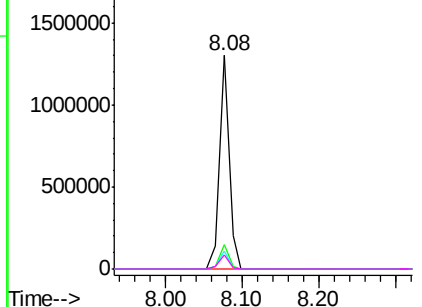


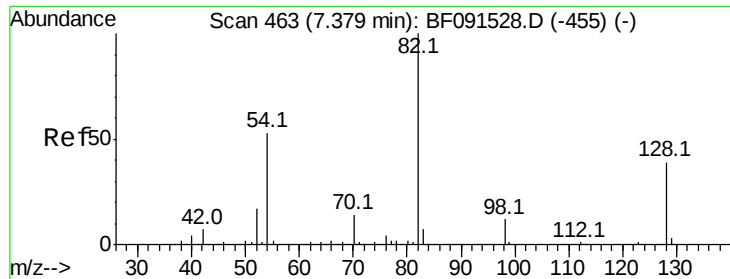
Abundance Ion 136.00 (135.70 to 136.70): E

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

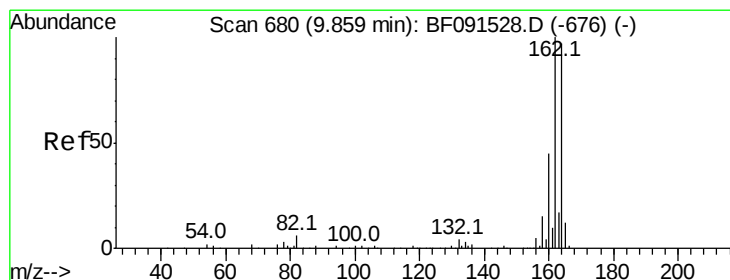
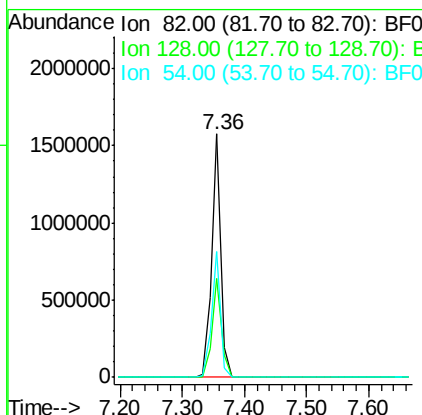
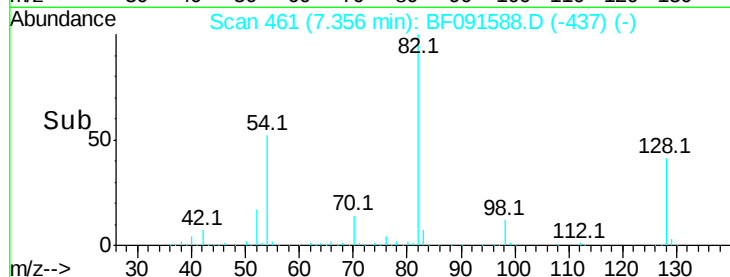
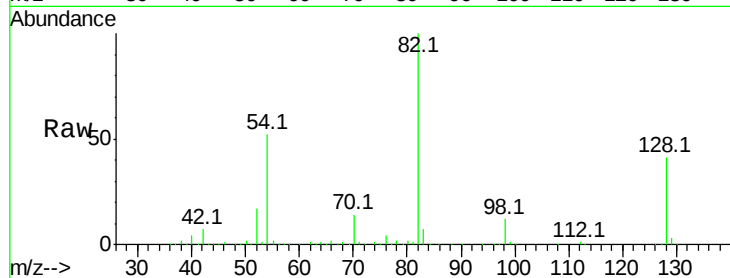




#23
Nitrobenzene-d5
Concen: 78.56 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091588.D
Acq: 14 Dec 2016 17:06

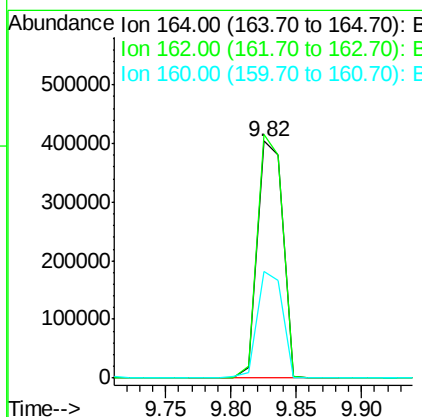
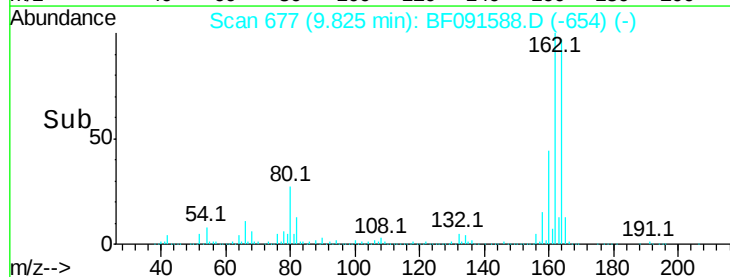
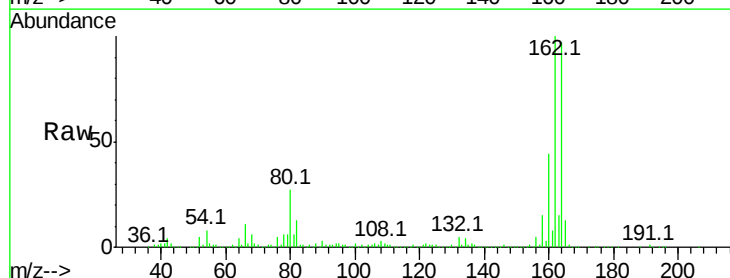
Instrument :
BNA_F
ClientSampleId :
000105-1F-038

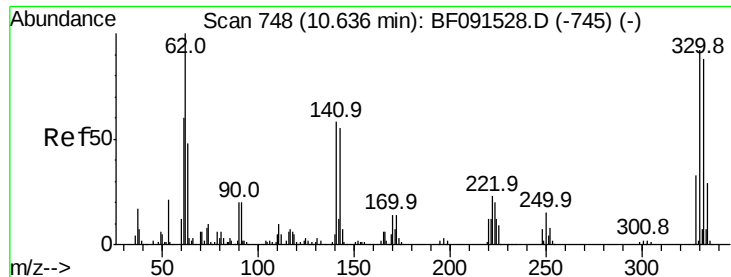
Tot Ion: 82 Resp: 1593283
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 51.6 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091588.D
Acq: 14 Dec 2016 17:06

Tgt Ion:164 Resp: 552668
Ion Ratio Lower Upper
164 100
162 102.8 82.6 124.0
160 45.2 36.7 55.1

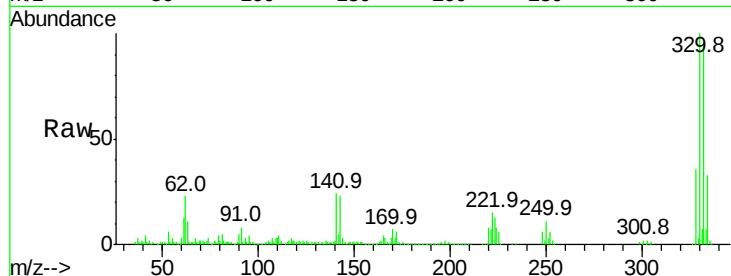




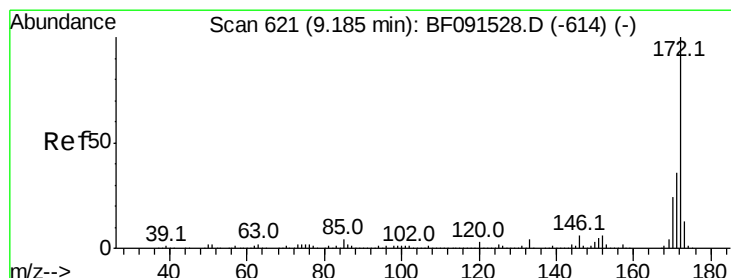
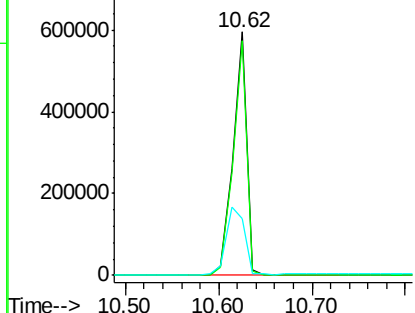
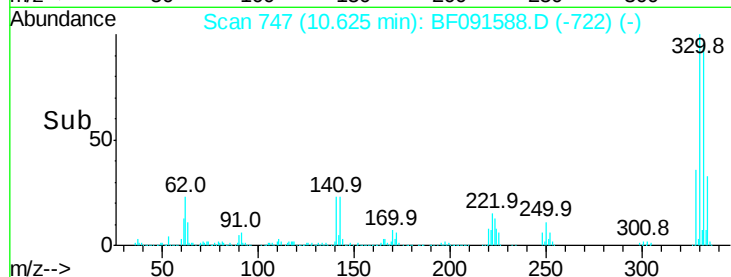
#41
 2,4,6-Tribromophenol
 Concen: 133.99 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091588.D
 Acq: 14 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 000105-1F-038

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	36.6	33.6	50.4

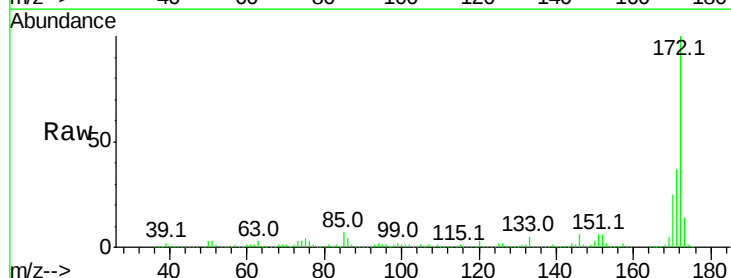


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

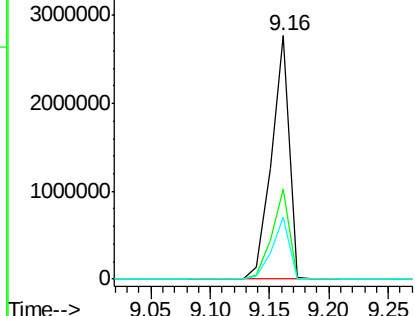
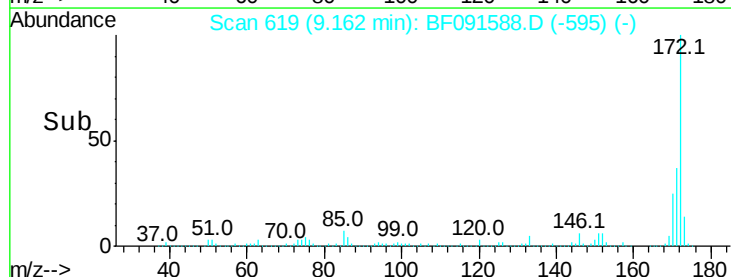


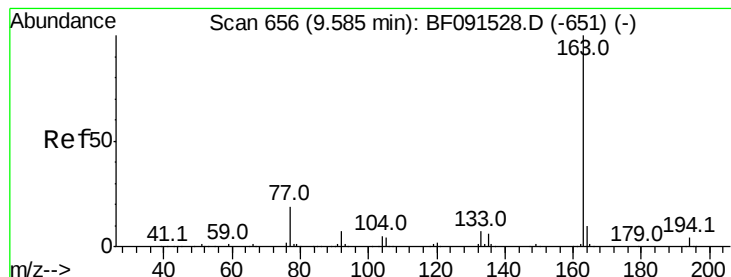
#44
 2-Fluorobiphenyl
 Concen: 90.17 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091588.D
 Acq: 14 Dec 2016 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.3	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





#49

Dimethylphthalate

Concen: 2.68 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.03 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

000105-1F-038

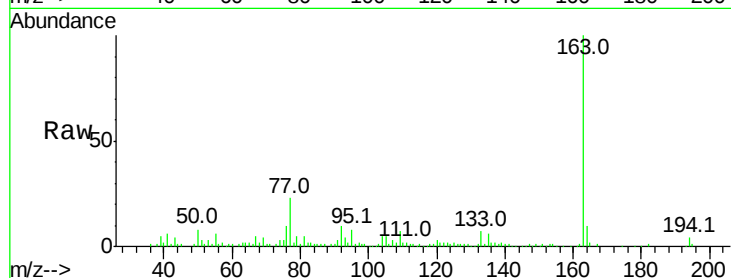
Tot Ion:163 Resp: 93740

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

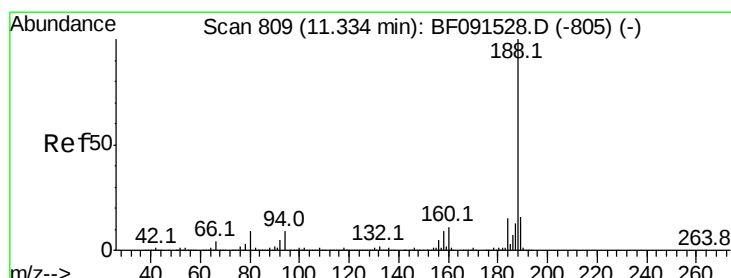
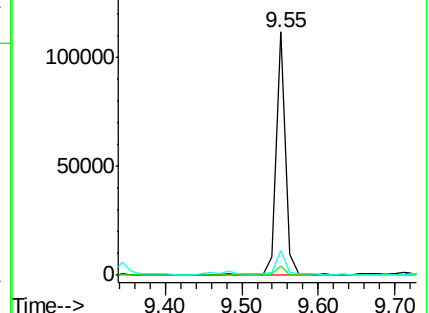
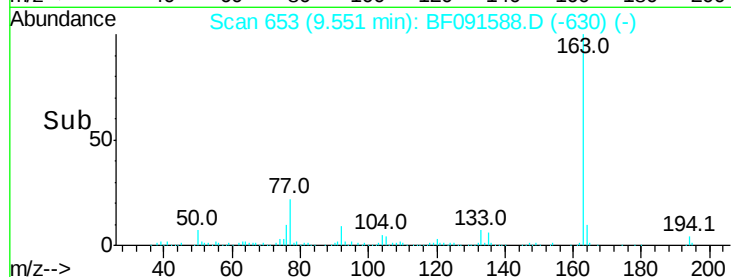
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

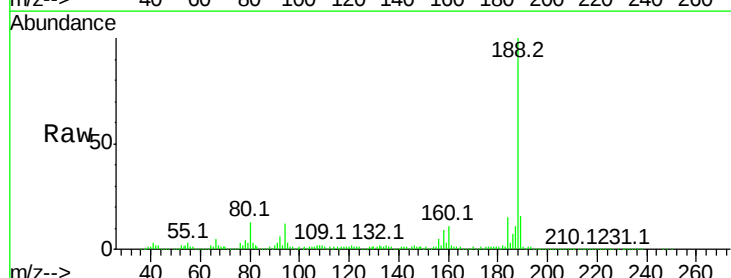
Tgt Ion:188 Resp: 874475

Ion Ratio Lower Upper

188 100

94 12.2 9.2 13.8

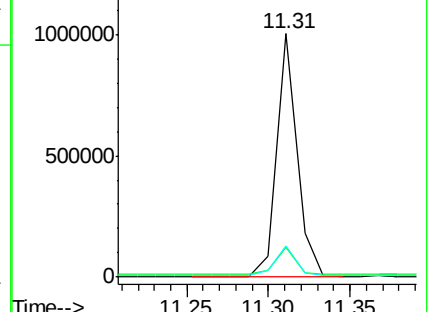
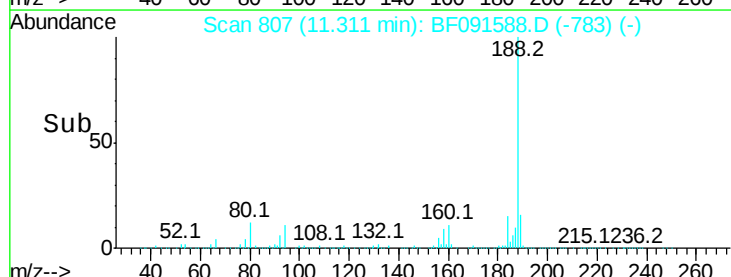
80 12.7 10.5 15.7

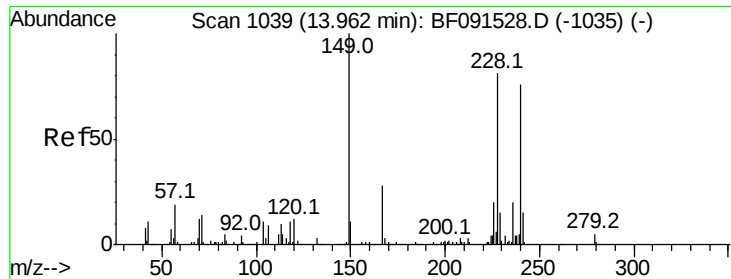


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

000105-1F-038

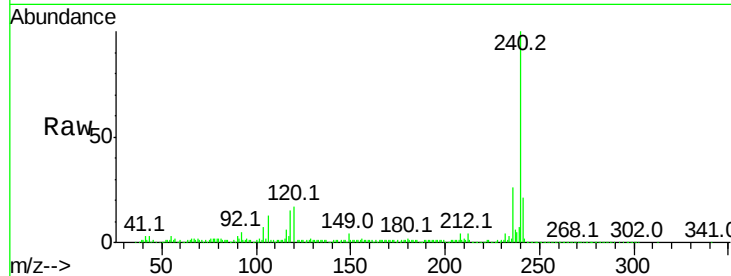
Tot Ion:240 Resp: 624294

Ion Ratio Lower Upper

240 100

120 17.3 12.1 18.1

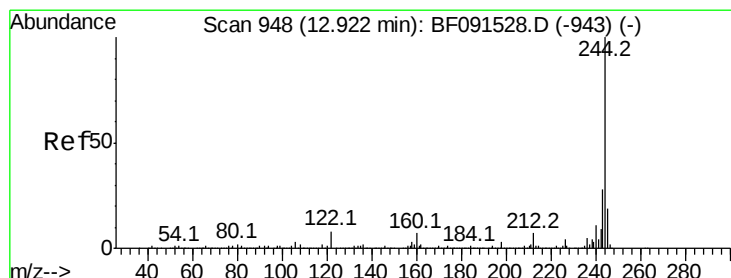
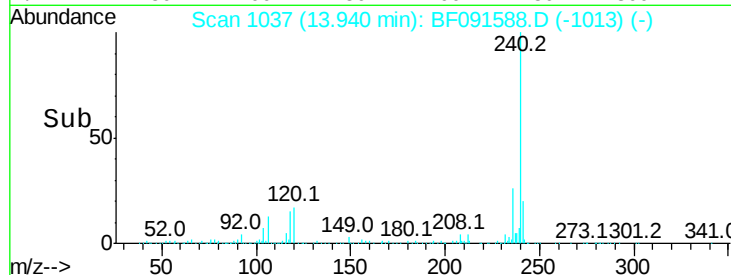
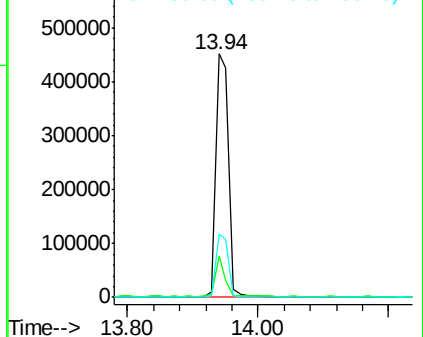
236 25.8 21.0 31.6



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: 81.20 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091588.D

Acq: 14 Dec 2016 17:06

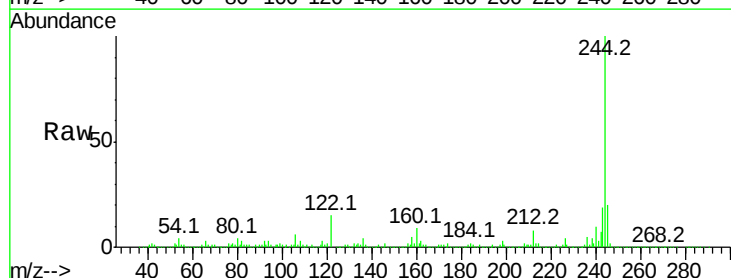
Tgt Ion:244 Resp: 2233990

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

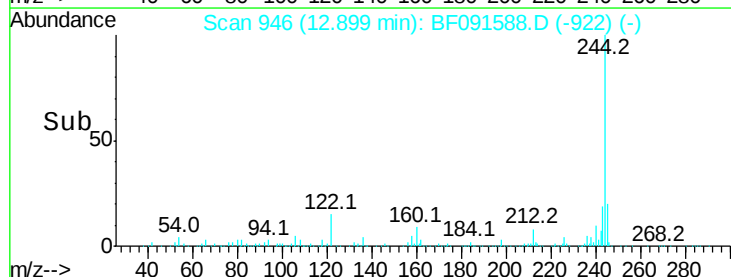
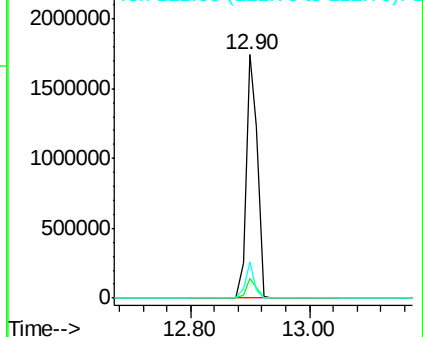
122 15.1 9.5 14.3#

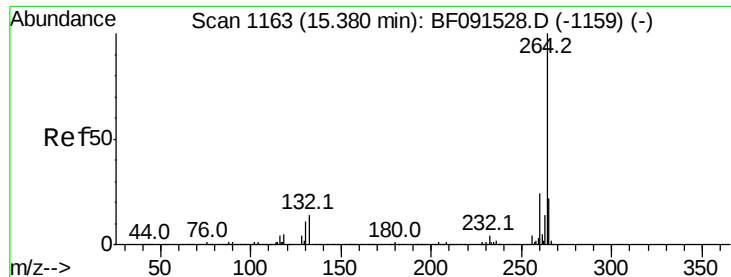


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

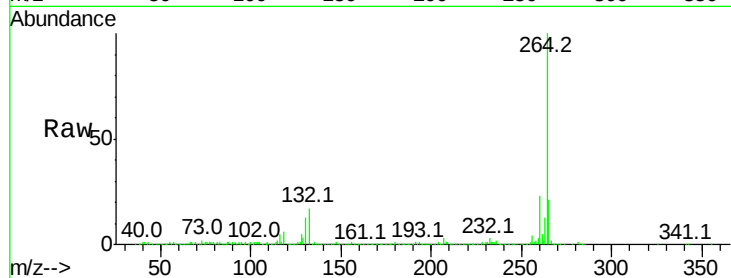




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF091588.D
 Acq: 14 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 000105-1F-038

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.4	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

