

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091538.D
 Acq On : 9 Dec 2016 20:20
 Operator : UM/SJ
 Sample : PB94152BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Quant Time: Dec 09 22:46:52 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	276952	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1179336	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	601566	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	995211	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	881546	20.00	ng	0.00
86) Perylene-d12	15.37	264	718798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1300514	79.11	ng	0.01
7) Phenol-d6	6.44	99	1388227	67.74	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1885292	89.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	360218	72.09	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2570128	73.82	ng	-0.01
78) Terphenyl-d14	12.92	244	2711063	69.78	ng	0.00

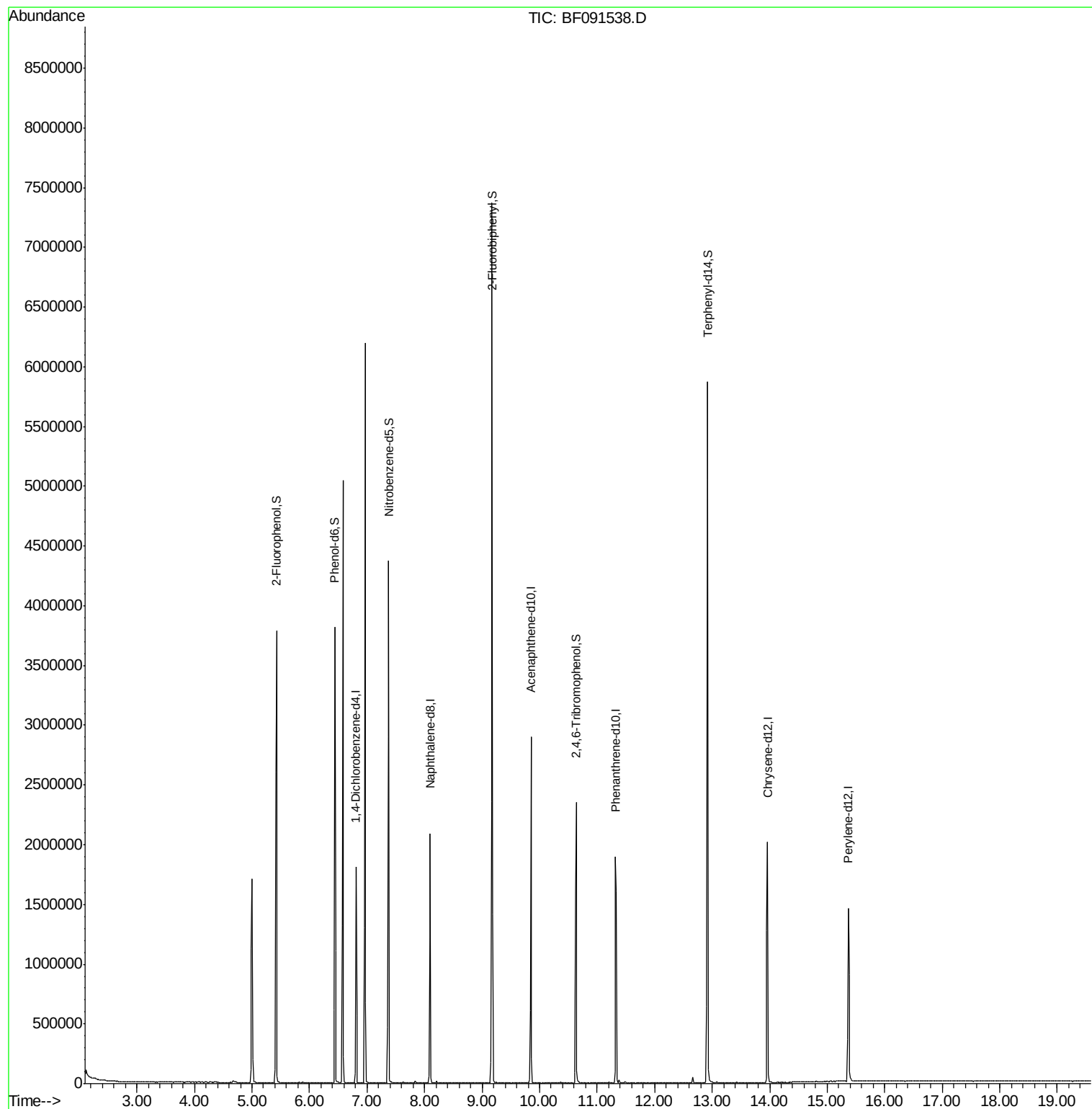
Target Compounds Qvalue

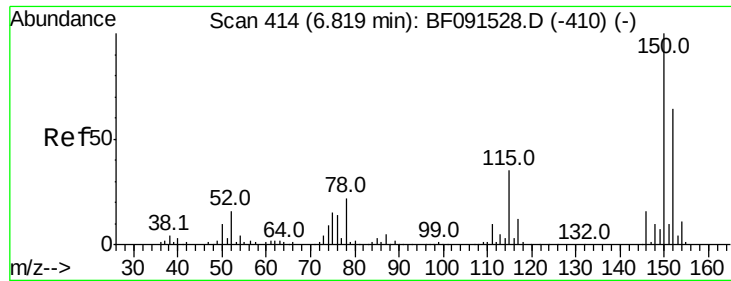
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB95152BL

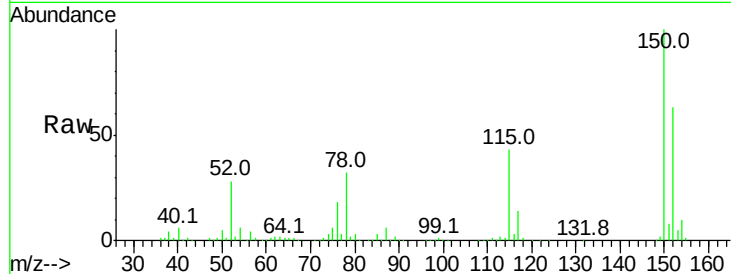
Tot Ion:152 Resp: 276952

Ion Ratio Lower Upper

152 100

150 157.8 122.5 183.7

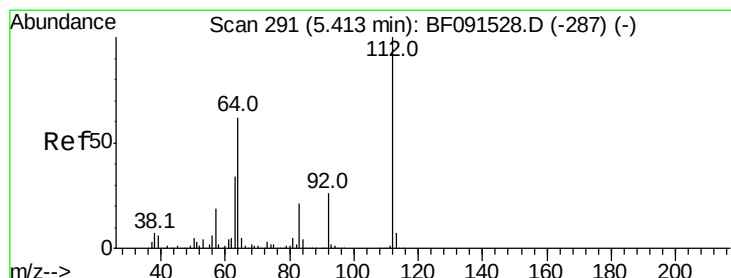
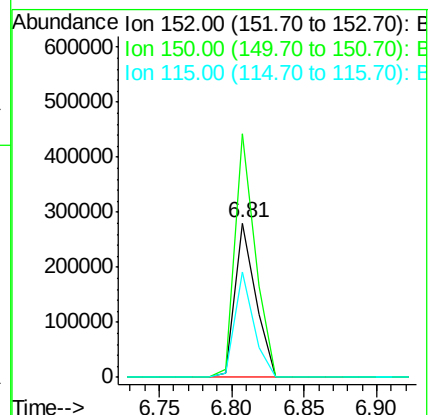
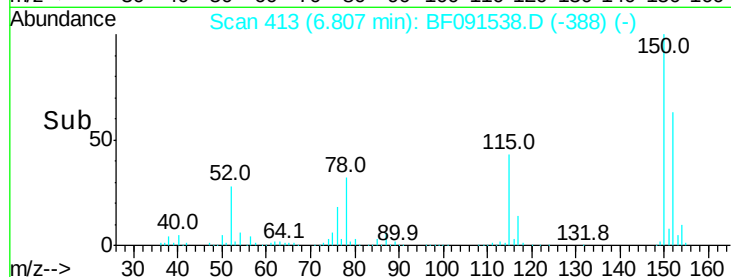
115 68.6 51.8 77.8



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: 79.11 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

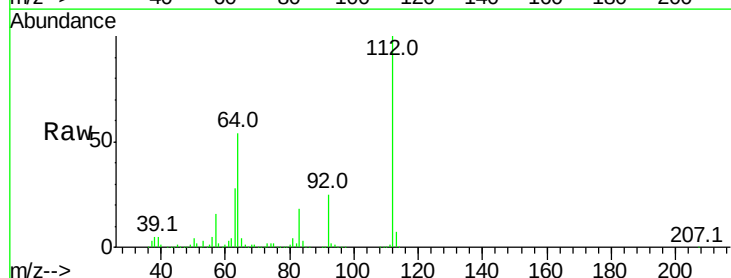
Tgt Ion:112 Resp: 1300514

Ion Ratio Lower Upper

112 100

64 54.3 61.5 92.3#

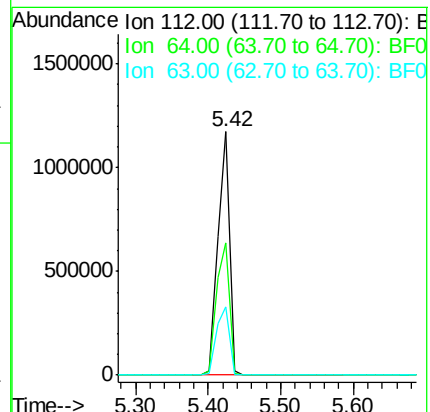
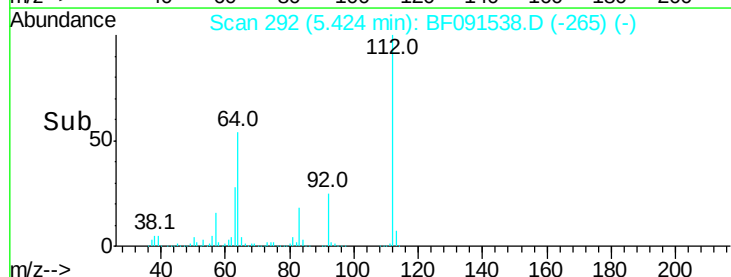
63 27.8 33.3 49.9#

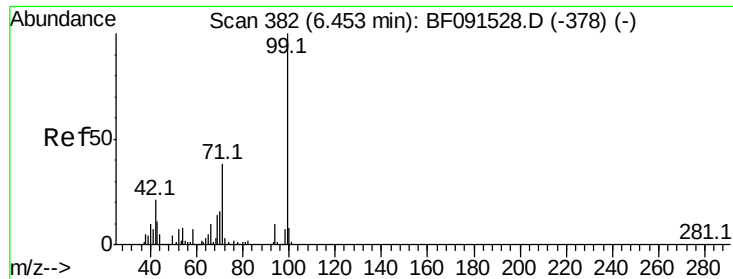


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

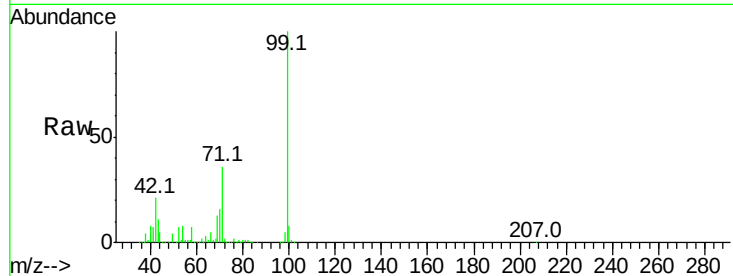
BNA_F

ClientSampleId :

PB95152BL

Tot Ion: 99 Resp: 1388227

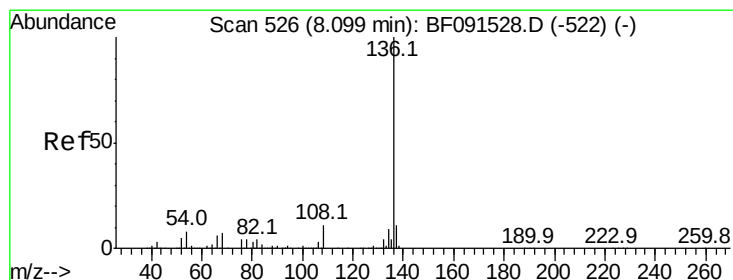
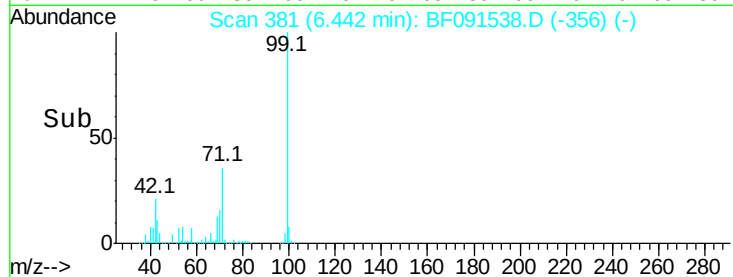
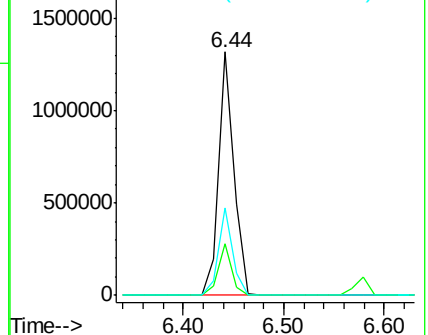
Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.6	31.0
71	36.1	29.9	44.9



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: 8.10 min Scan# 526

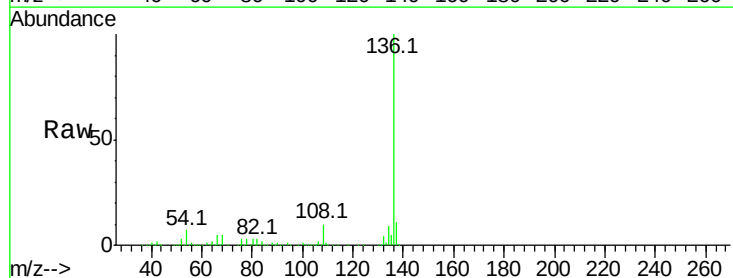
Delta R.T. 0.00 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Tgt Ion: 136 Resp: 1179336

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.5	9.1	13.7#
68	5.0	5.9	8.9#

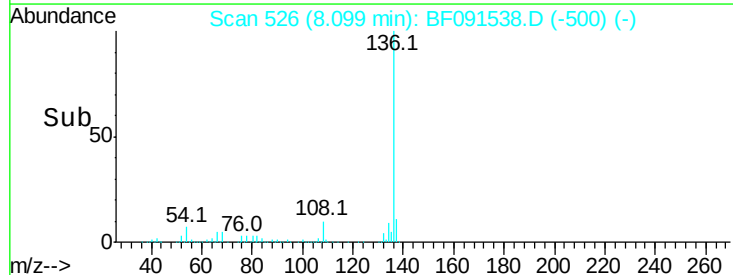
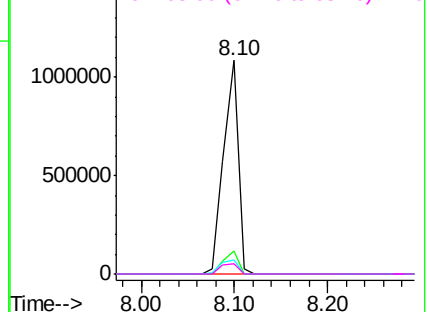


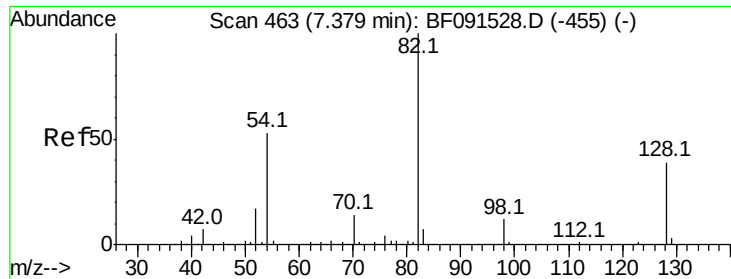
Abundance Ion 136.00 (135.70 to 136.70): E

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



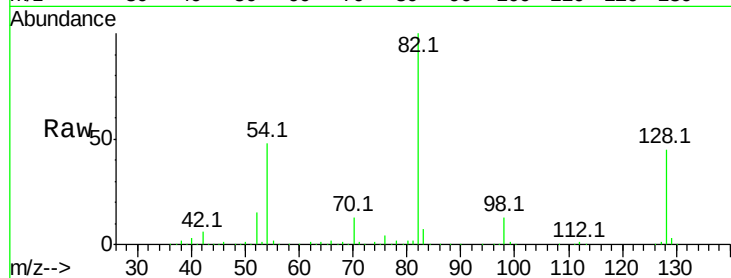


#23
 Nitrobenzene-d5
 Concen: 89.22 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

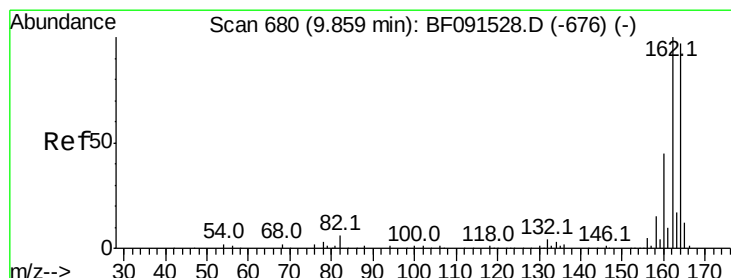
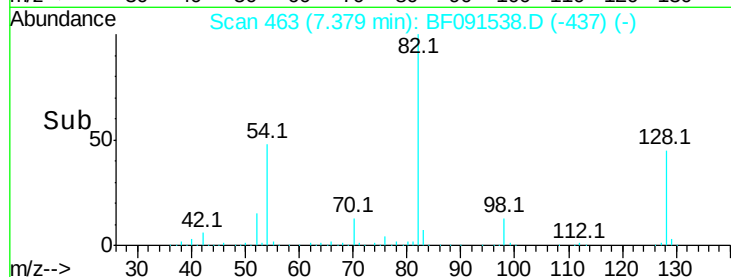
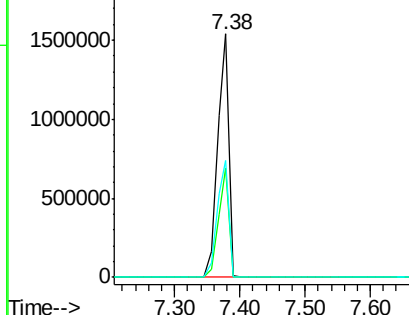
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tot Ion: 82 Resp: 1885292

Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.8	47.6
54	48.3	49.1	73.7#



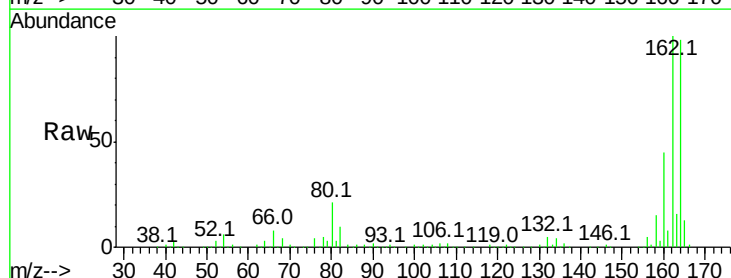
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



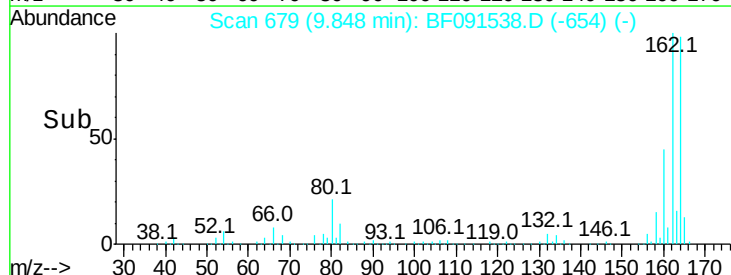
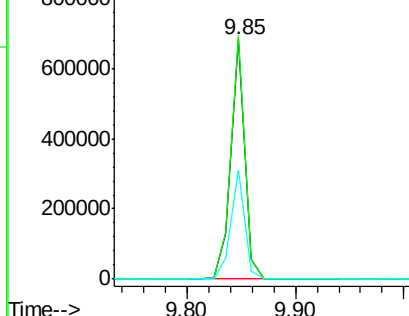
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

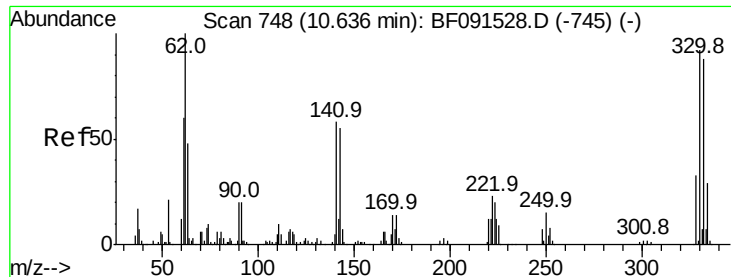
Tgt Ion:164 Resp: 601566

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.5	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

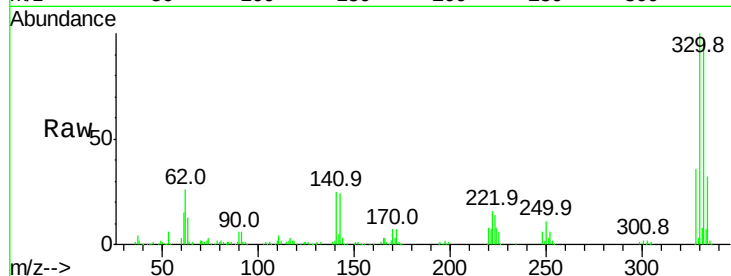




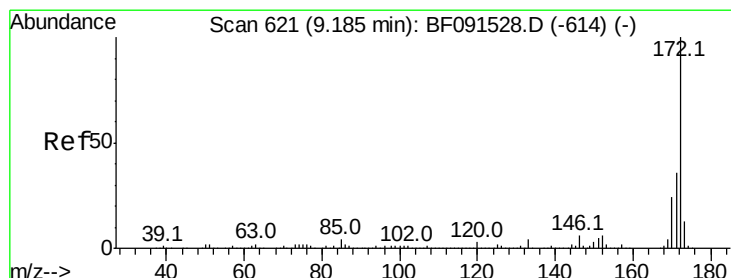
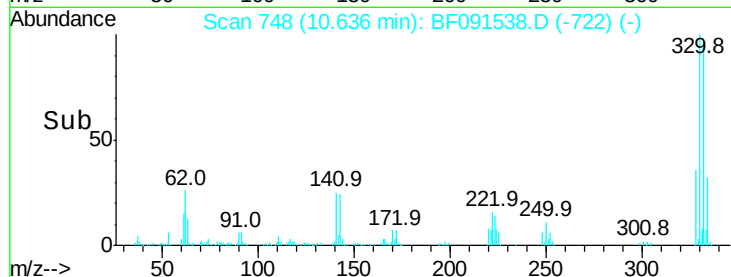
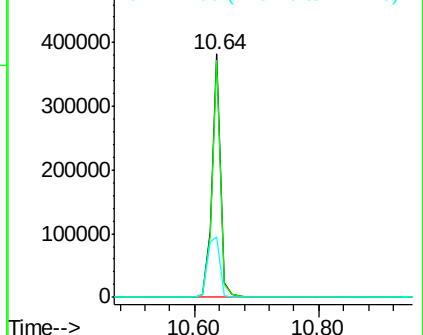
#41
 2,4,6-Tribromophenol
 Concen: 72.09 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tot Ion:330 Resp: 360218
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 37.1 33.6 50.4

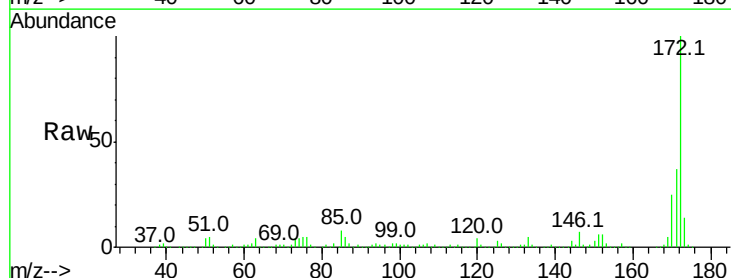


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

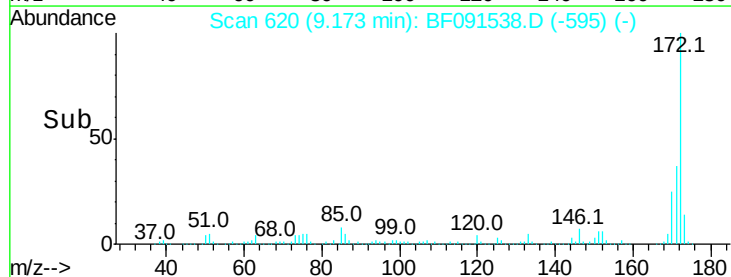
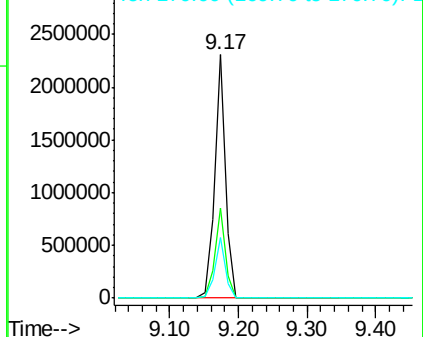


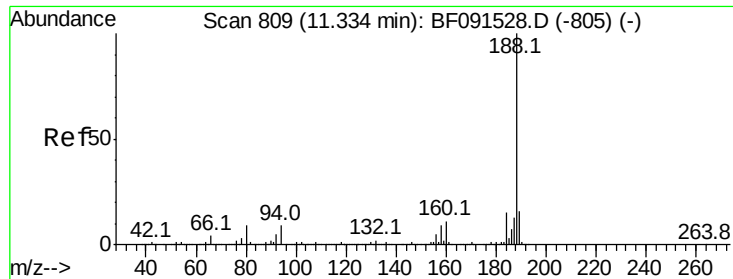
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Tgt Ion:172 Resp: 2570128
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

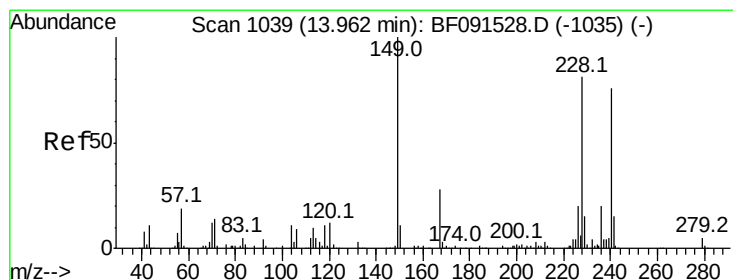
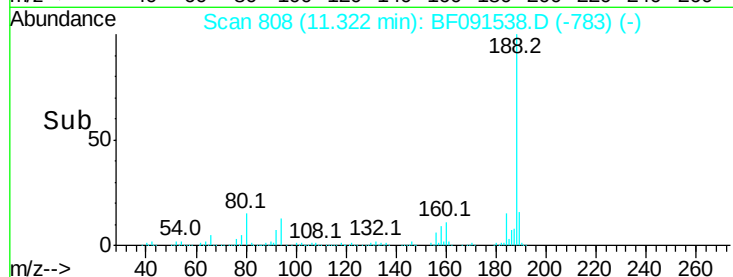
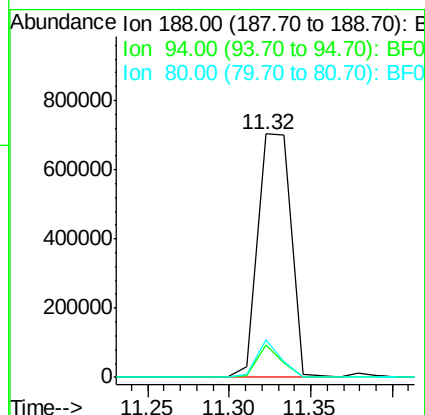
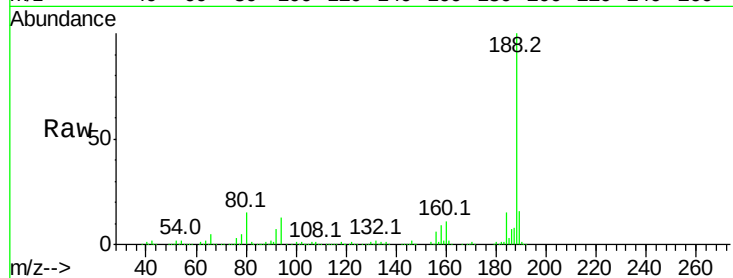




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091538.D
Acq: 9 Dec 2016 20:20

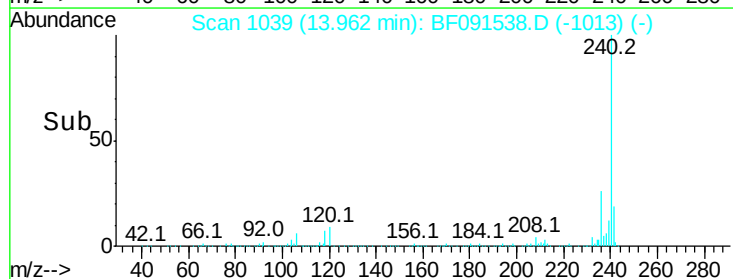
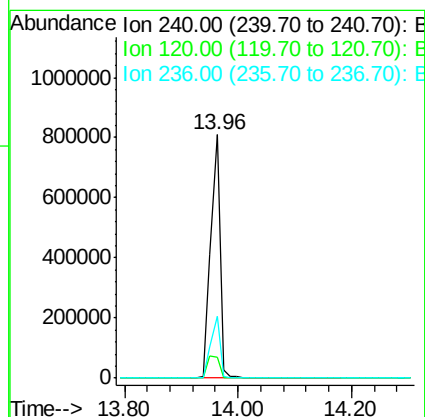
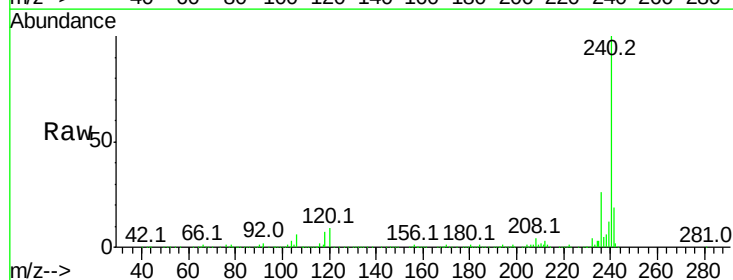
Instrument :
BNA_F
ClientSampleId :
PB95152BL

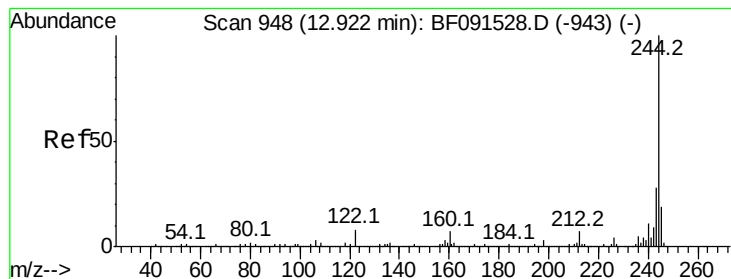
Tot Ion:188 Resp: 995211
Ion Ratio Lower Upper
188 100
94 13.1 9.2 13.8
80 15.3 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091538.D
Acq: 9 Dec 2016 20:20

Tgt Ion:240 Resp: 881546
Ion Ratio Lower Upper
240 100
120 8.5 12.1 18.1#
236 25.6 21.0 31.6





#78

Terphenyl-d14

Concen: 69.78 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

BNA_F

ClientSampled :

PB95152BL

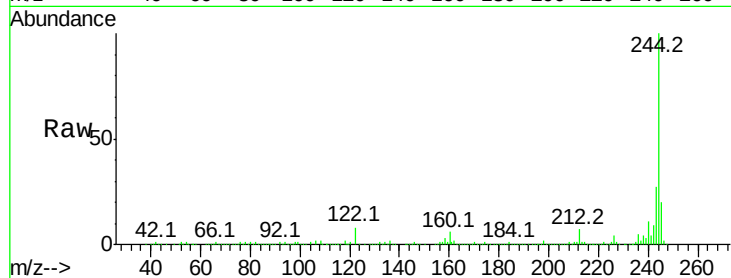
Tot Ion:244 Resp: 2711063

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

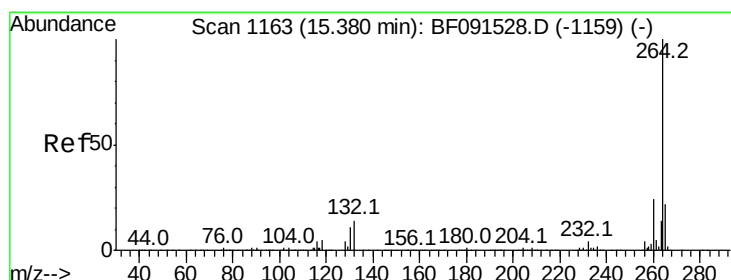
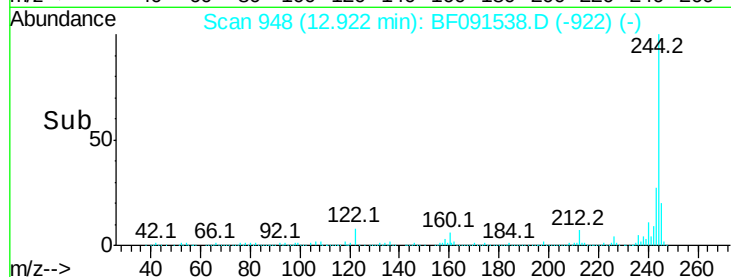
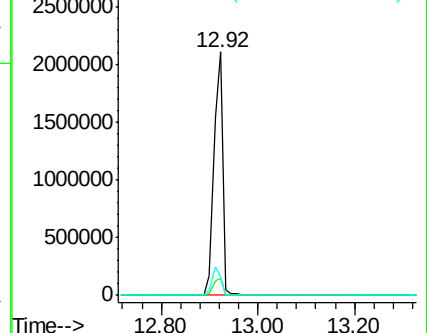
122 7.7 9.5 14.3#



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: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

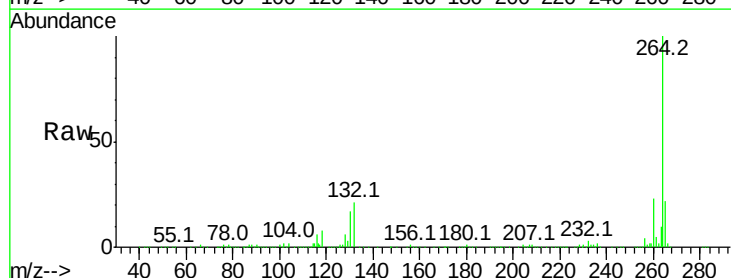
Tgt Ion:264 Resp: 718798

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 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

