

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091814.D
 Acq On : 20 Dec 2016 12:31
 Operator : UM/SJ
 Sample : H6147-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 21 00:16:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

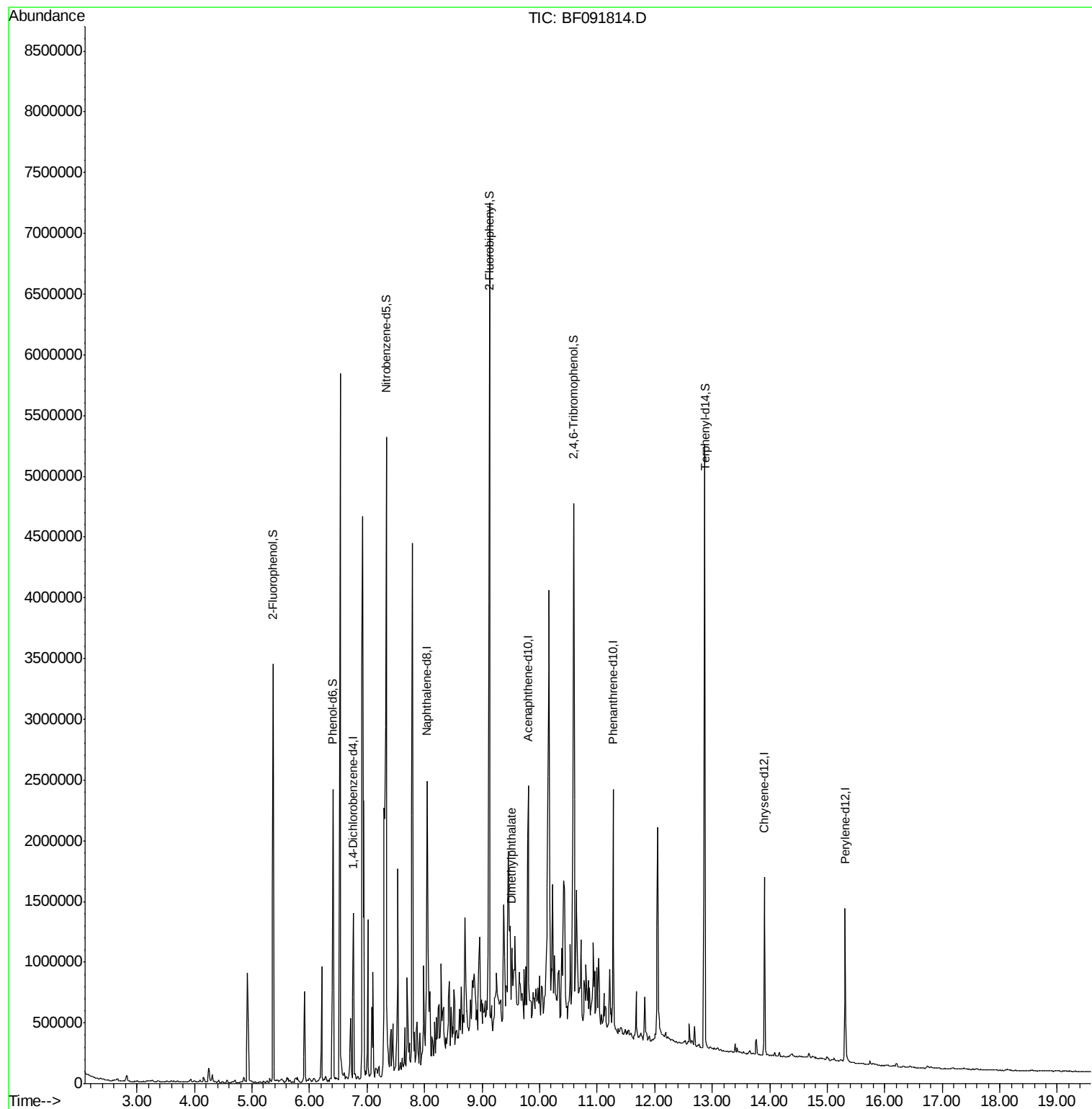
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	232872	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	856109	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	476317	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	761423	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	693222	20.00	ng	-0.02
86) Perylene-d12	15.31	264	550491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1029444	74.06	ng	0.00
7) Phenol-d6	6.41	99	814557	48.05	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1709037	115.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	563134	139.43	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2422462	102.17	ng	-0.01
78) Terphenyl-d14	12.88	244	2502004	91.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.52	163	123293	3.96	ng	Qvalue # 88

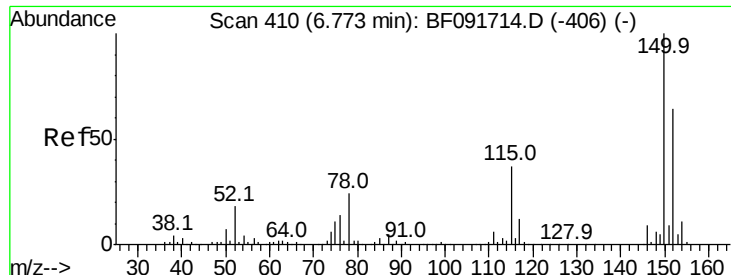
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

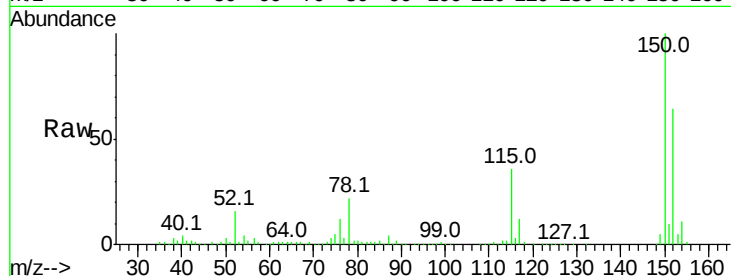
Tot Ion:152 Resp: 232872

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

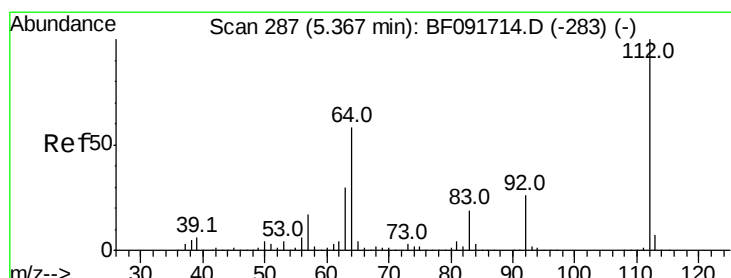
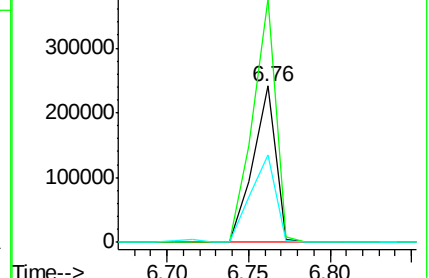
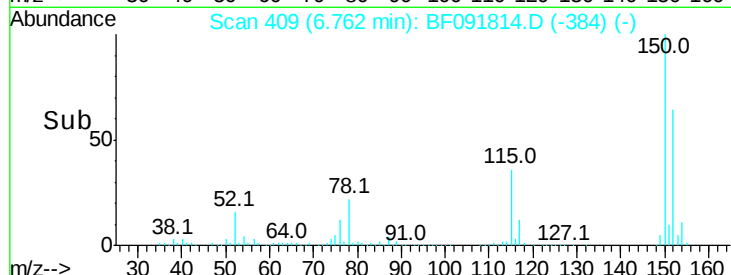
115 56.1 46.0 69.0



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: 74.06 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

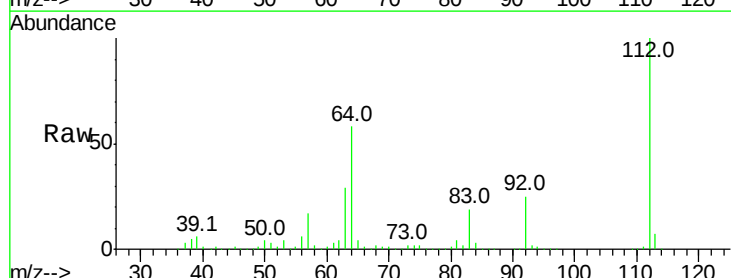
Tgt Ion:112 Resp: 1029444

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

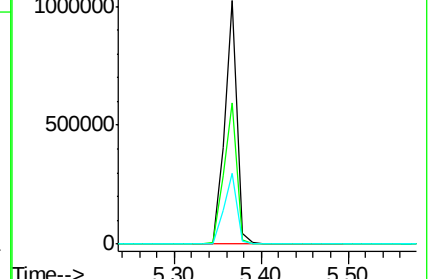
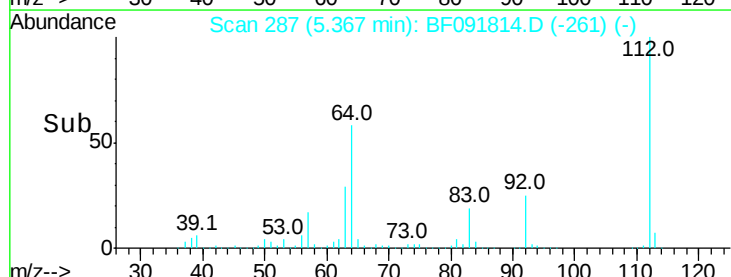
63 29.3 23.8 35.6

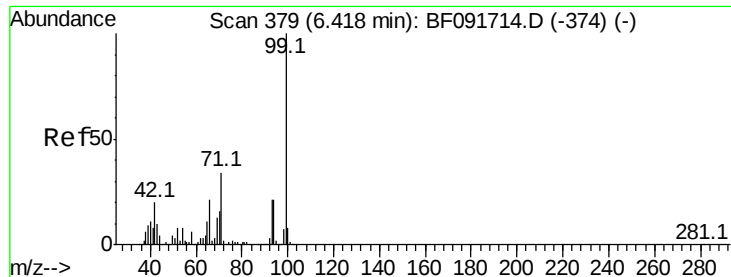


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.05 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

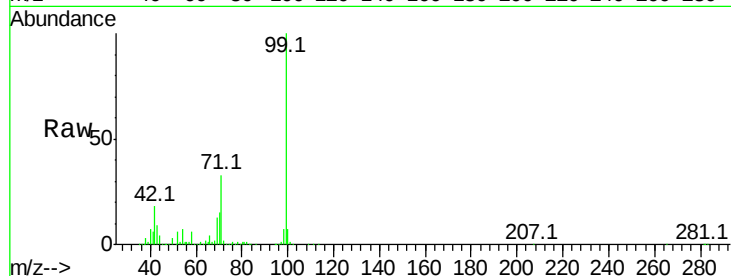
Tot Ion: 99 Resp: 814557

Ion Ratio Lower Upper

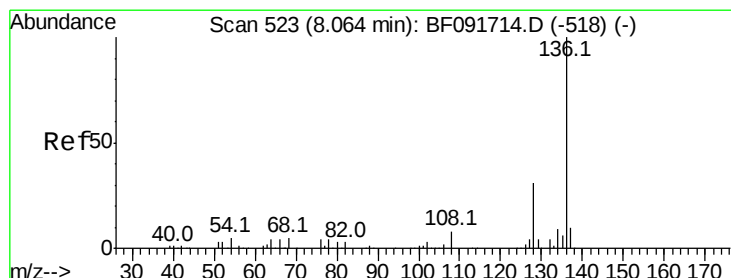
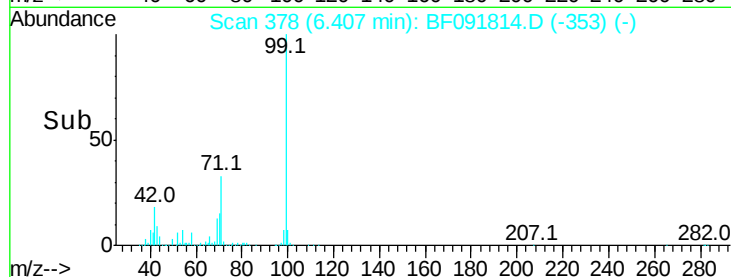
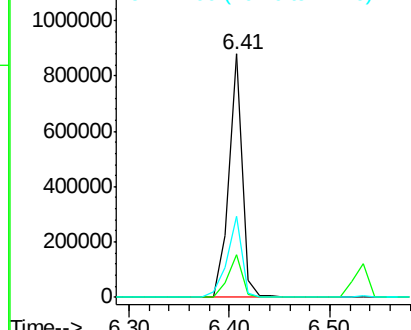
99 100

42 17.7 15.6 23.4

71 33.4 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Tgt Ion: 136 Resp: 856109

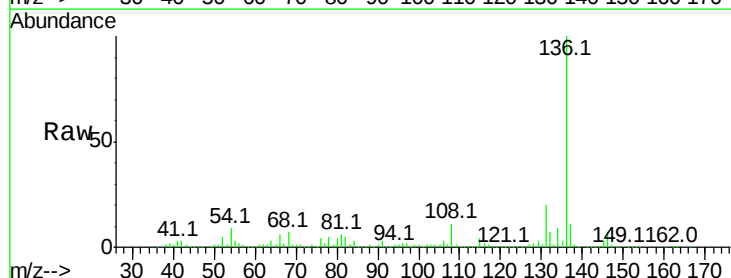
Ion Ratio Lower Upper

136 100

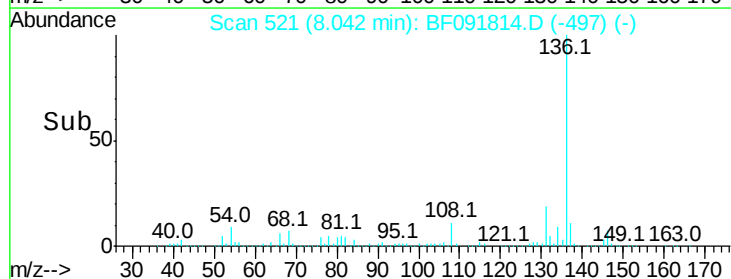
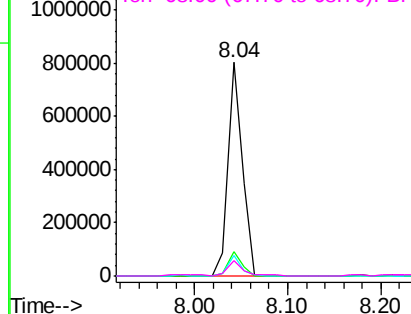
137 11.4 8.4 12.6

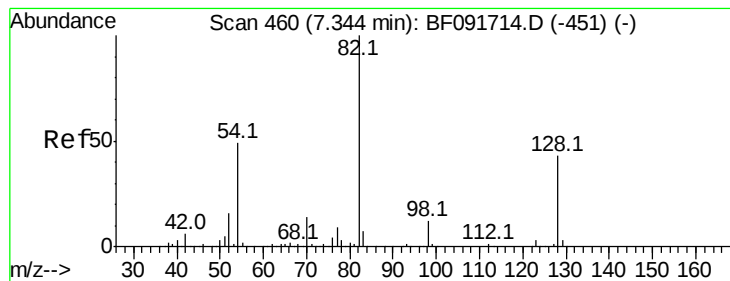
54 9.4 4.5 6.7#

68 7.4 3.6 5.4#



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: 115.12 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

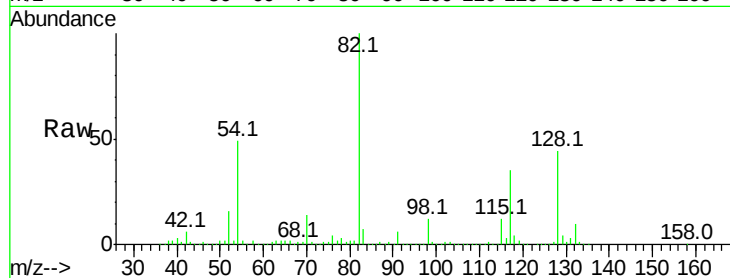
Tot Ion: 82 Resp: 1709037

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

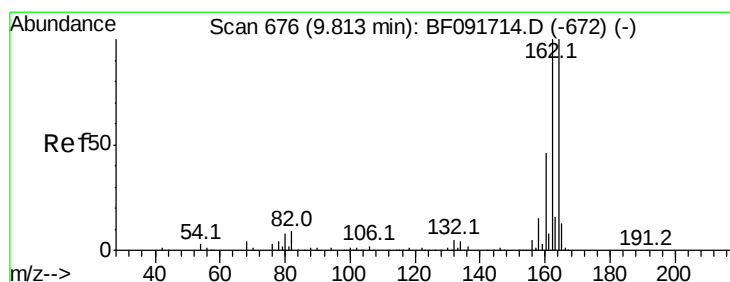
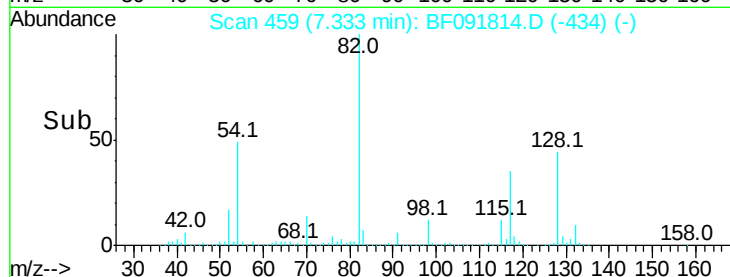
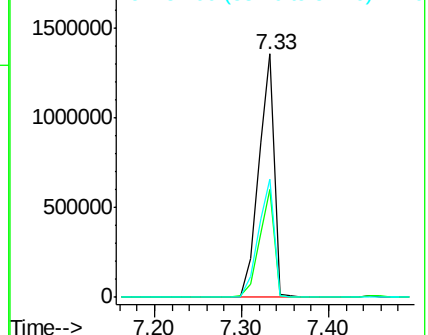
54 48.6 39.5 59.3



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

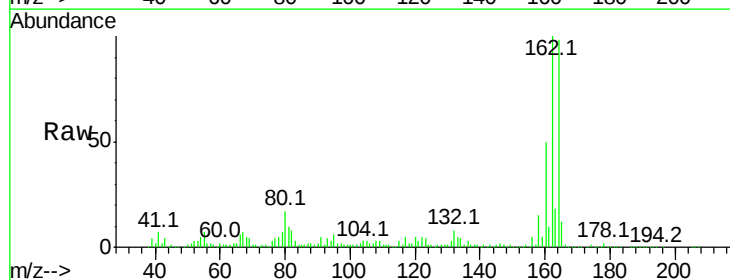
Tgt Ion:164 Resp: 476317

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

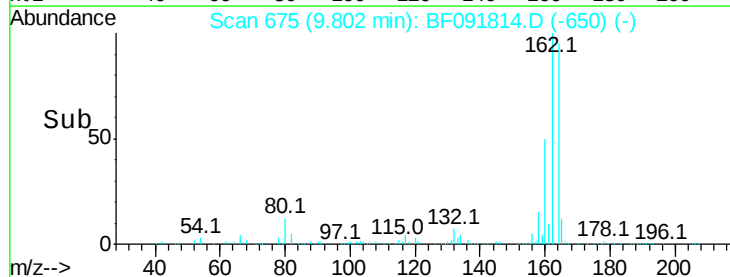
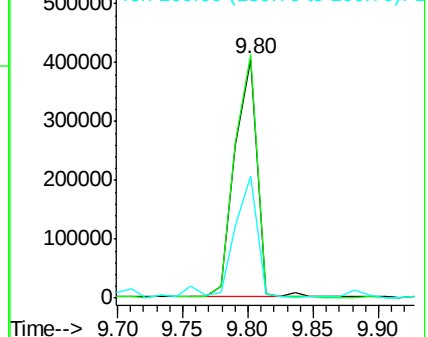
160 51.0 36.9 55.3

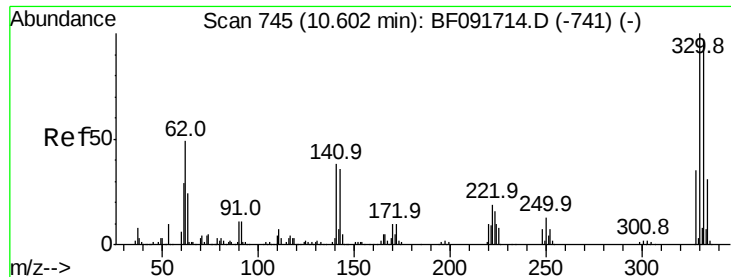


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

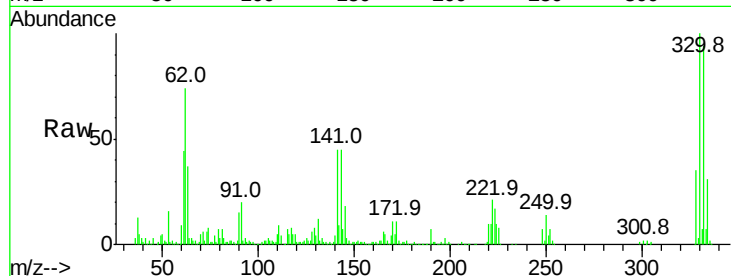




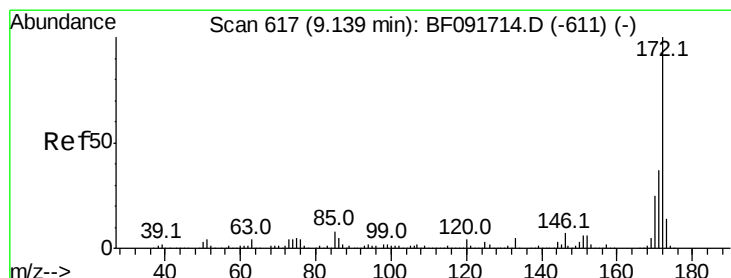
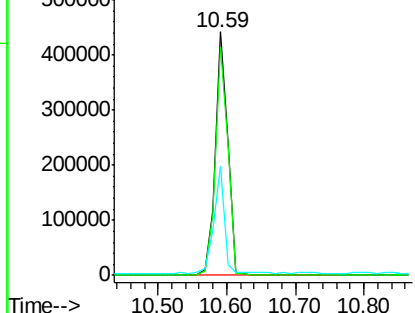
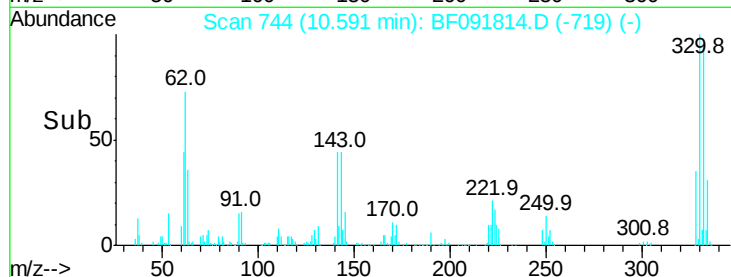
#41
 2,4,6-Tribromophenol
 Concen: 139.43 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091814.D
 Acq: 20 Dec 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	38.0	34.1	51.1

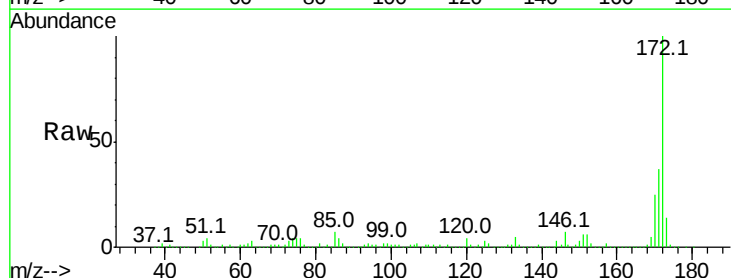


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

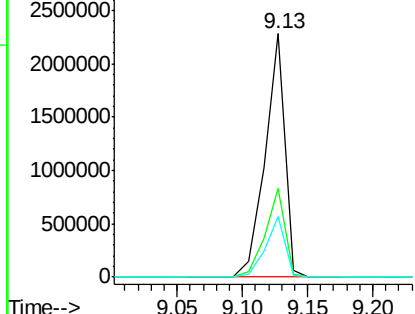
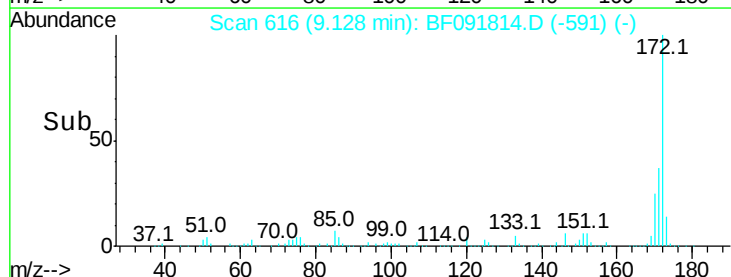


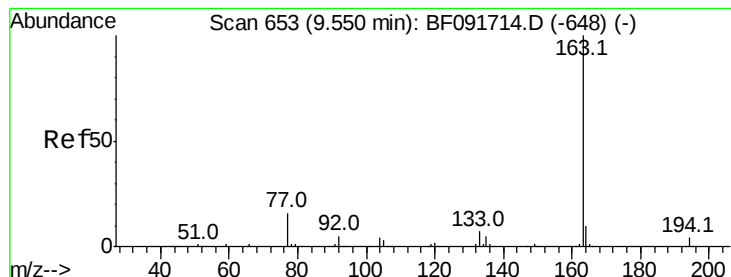
#44
 2-Fluorobiphenyl
 Concen: 102.17 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091814.D
 Acq: 20 Dec 2016 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.1	20.2	30.4



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: 3.96 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

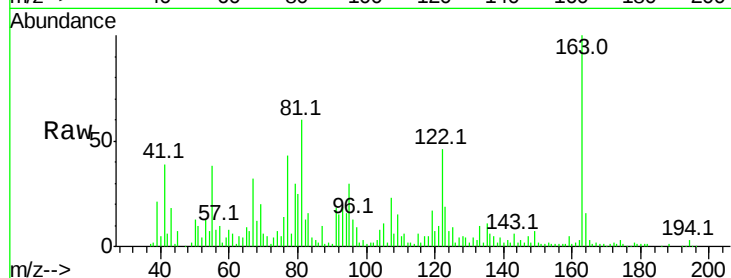
Tot Ion:163 Resp: 123293

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

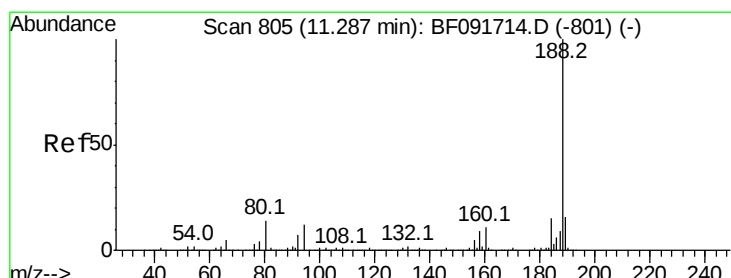
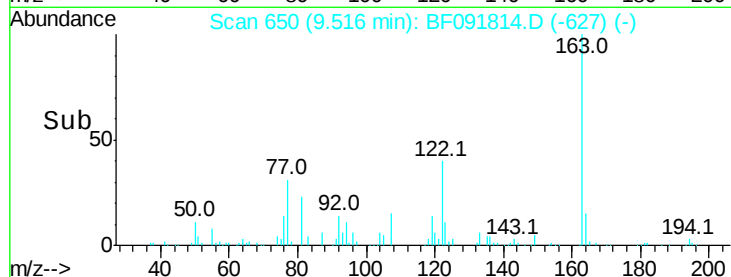
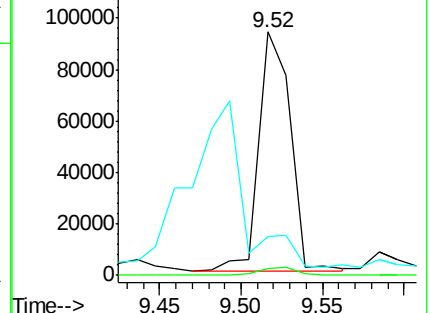
164 15.9 8.0 12.0#



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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

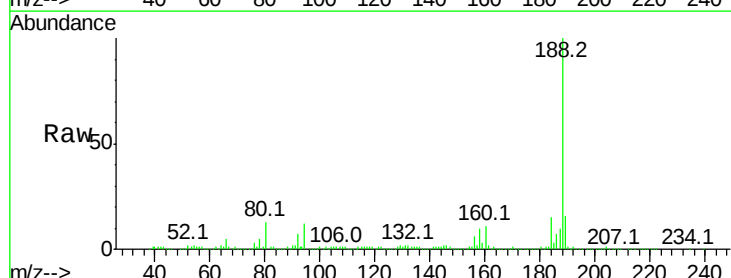
Tgt Ion:188 Resp: 761423

Ion Ratio Lower Upper

188 100

94 12.0 10.0 15.0

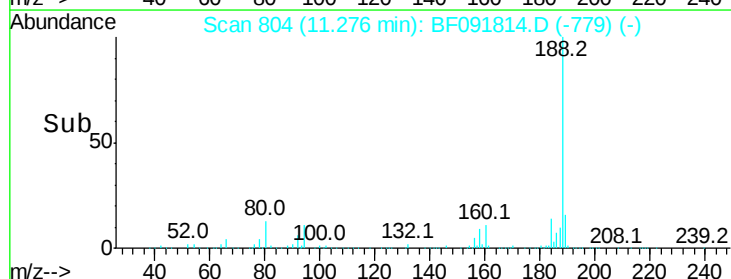
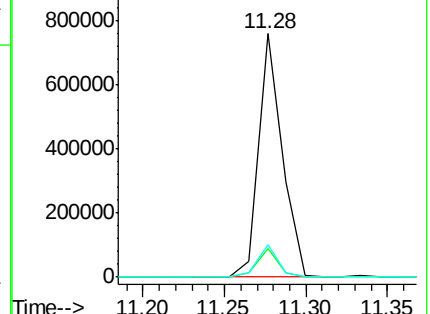
80 13.2 11.2 16.8

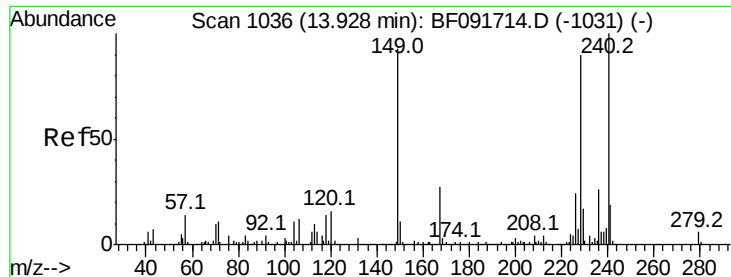


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

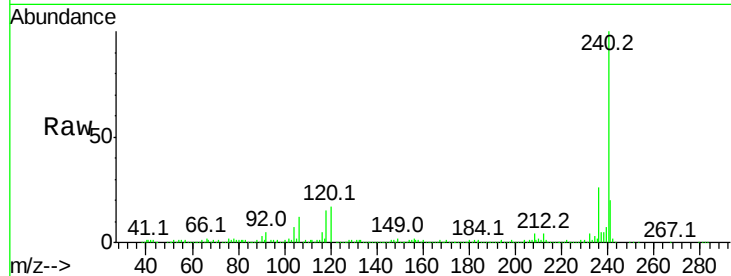
Tot Ion:240 Resp: 693222

Ion Ratio Lower Upper

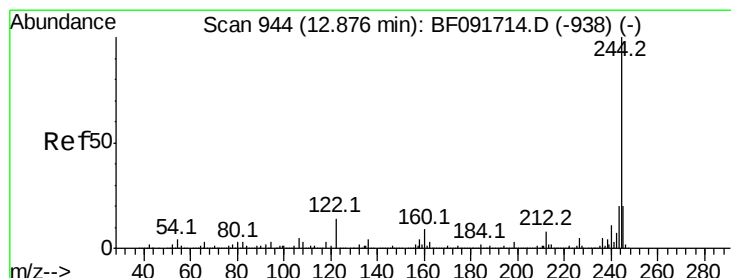
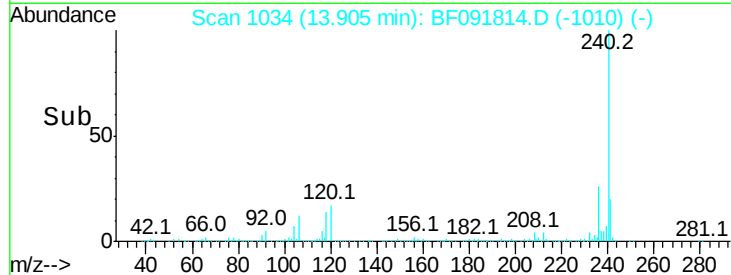
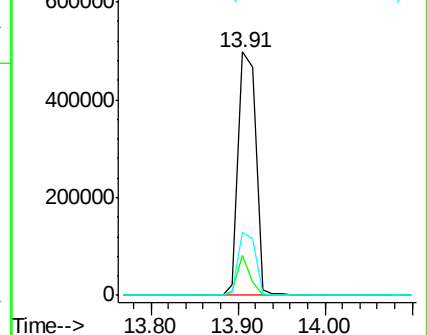
240 100

120 16.7 12.9 19.3

236 25.9 20.9 31.3



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: 91.13 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

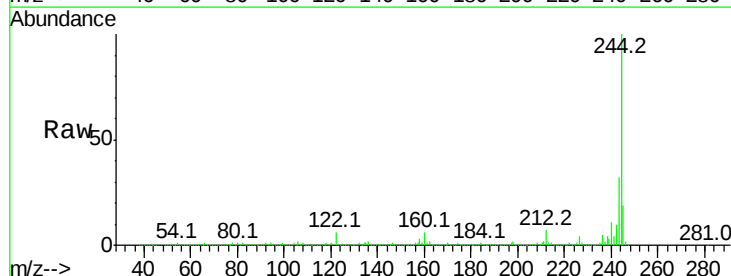
Tgt Ion:244 Resp: 2502004

Ion Ratio Lower Upper

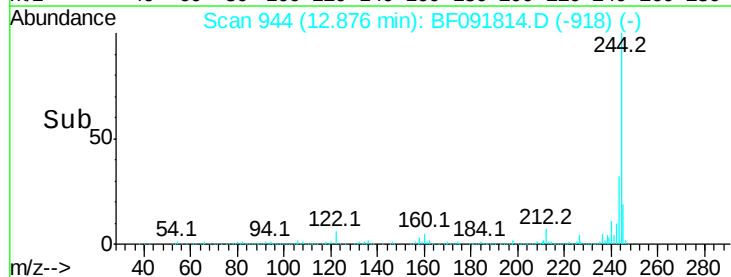
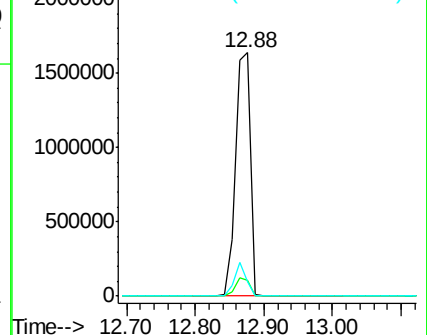
244 100

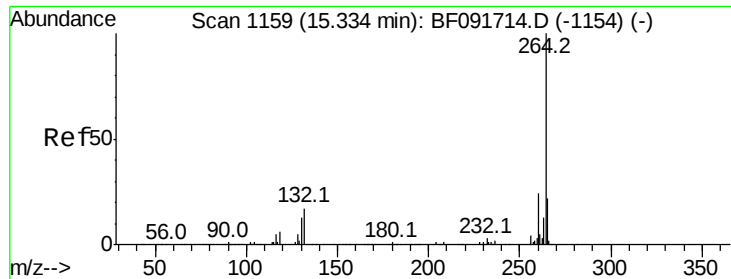
212 6.7 6.2 9.2

122 5.7 11.4 17.2#



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: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion: 264 Resp: 550491

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.4	26.0

