

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091656.D
 Acq On : 16 Dec 2016 5:38
 Operator : UM/SJ
 Sample : H6011-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Dec 16 06:29:20 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	6.78	152	236936	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	753435	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	478901	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	561382	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	535706	20.00	ng	0.00
86) Perylene-d12	15.35	264	434890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	688143	48.93	ng	0.00
7) Phenol-d6	6.42	99	663973	37.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1405534	104.12	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	341537	85.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2194974	79.20	ng	0.00
78) Terphenyl-d14	12.89	244	1424386	60.33	ng	-0.01

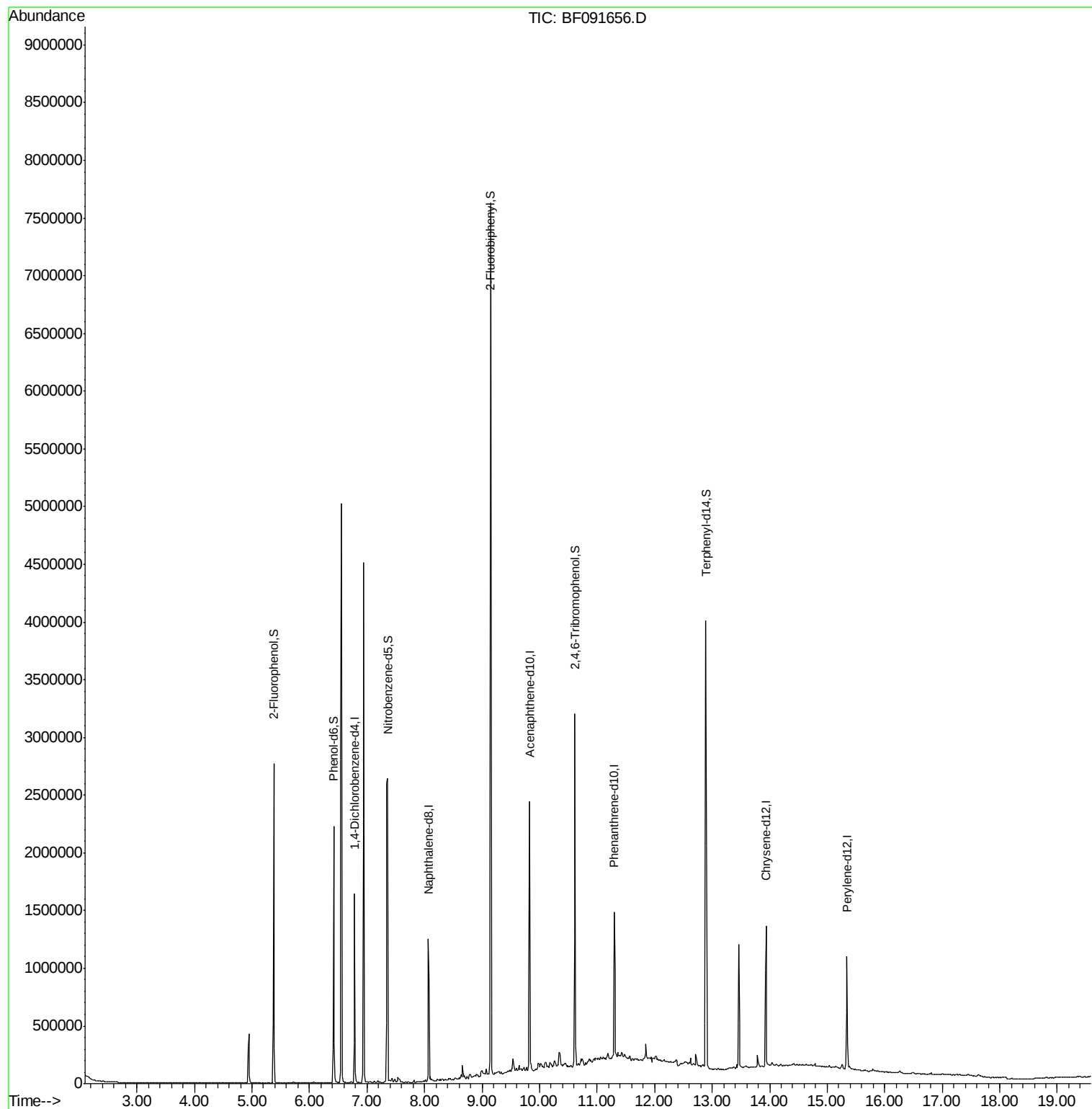
Target Compounds Qvalue

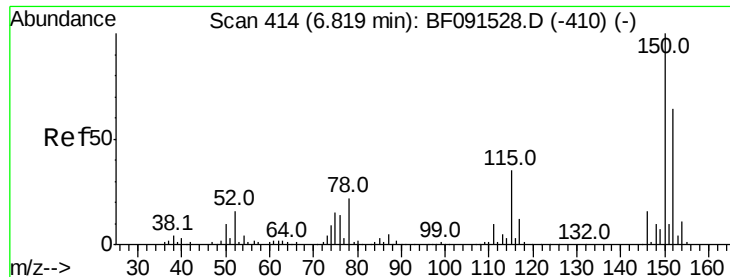
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

Instrument :

BNA_F

ClientSampleId :

MW-12

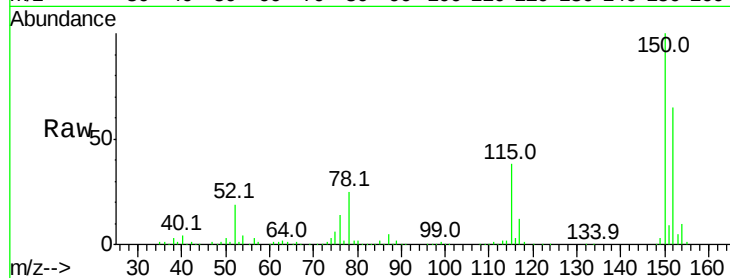
Tot Ion:152 Resp: 236936

Ion Ratio Lower Upper

152 100

150 154.7 122.5 183.7

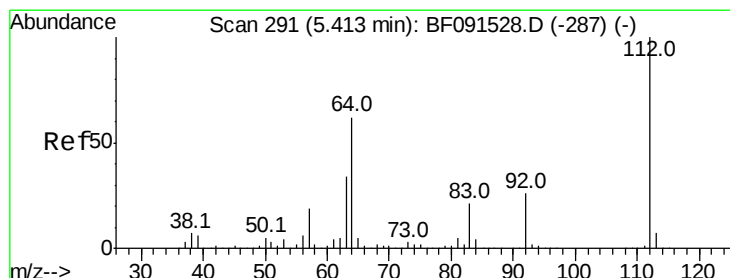
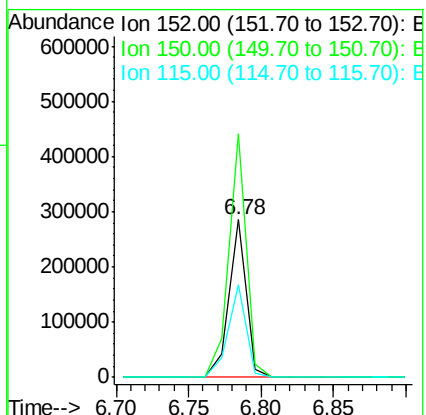
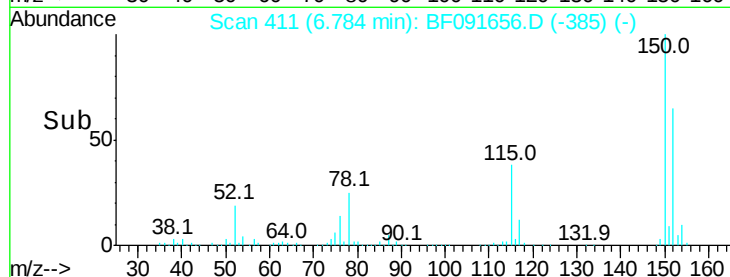
115 59.2 51.8 77.8



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: 48.93 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

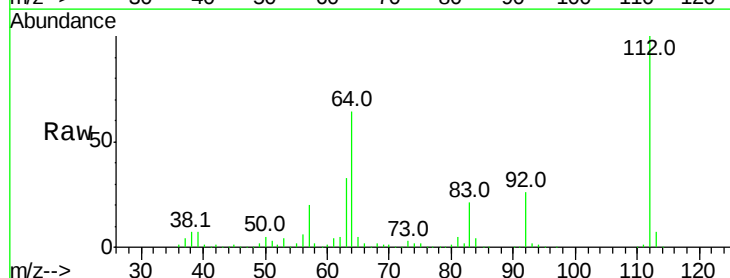
Tgt Ion:112 Resp: 688143

Ion Ratio Lower Upper

112 100

64 63.7 61.5 92.3

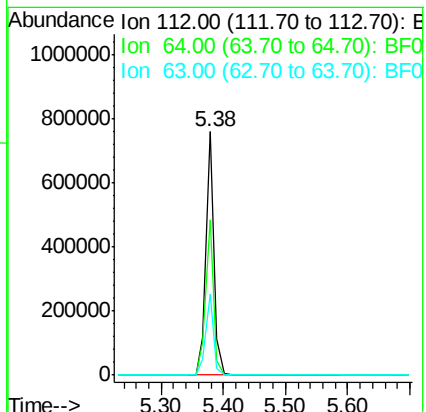
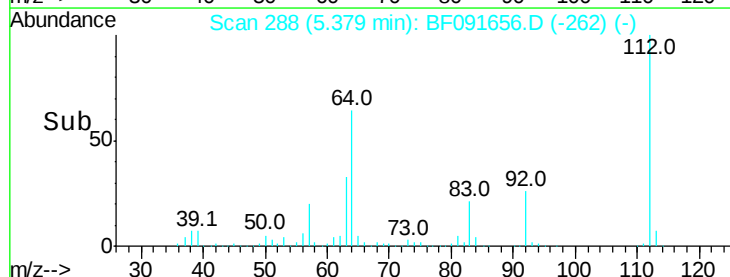
63 33.2 33.3 49.9#

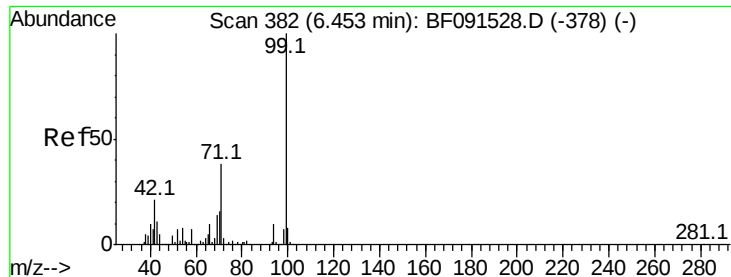


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.87 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

Instrument :

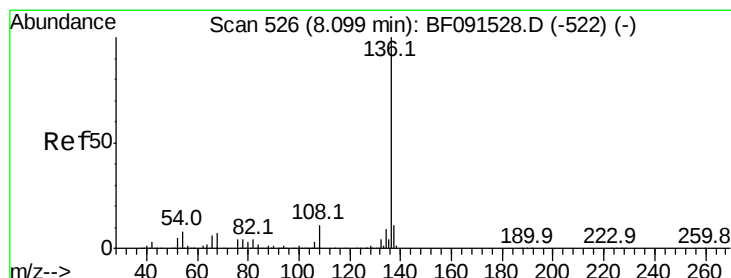
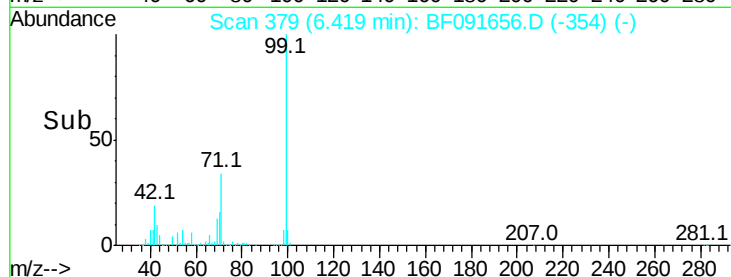
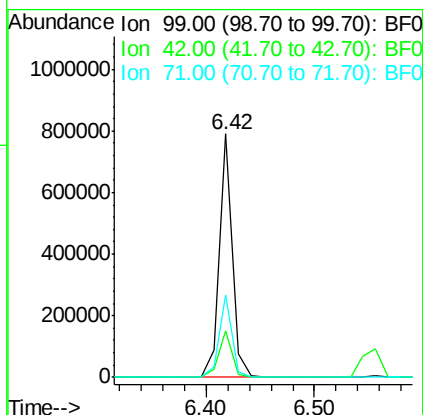
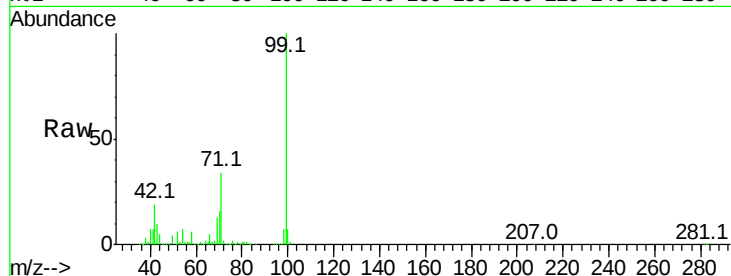
BNA_F

ClientSampled :

MW-12

Tot Ion: 99 Resp: 663973

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.6	31.0#
71	33.9	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

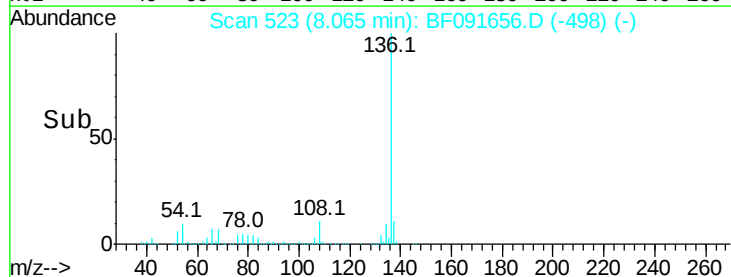
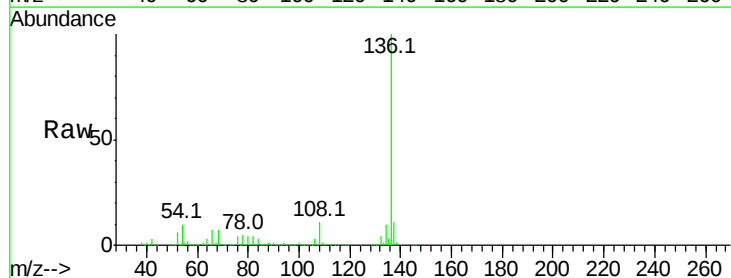
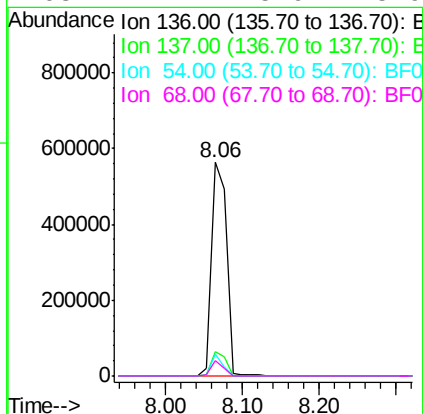
Delta R.T. -0.01 min

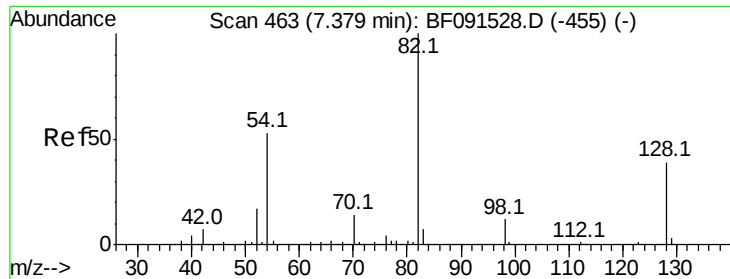
Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

Tgt Ion: 136 Resp: 753435

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	9.1	13.7
68	7.4	5.9	8.9



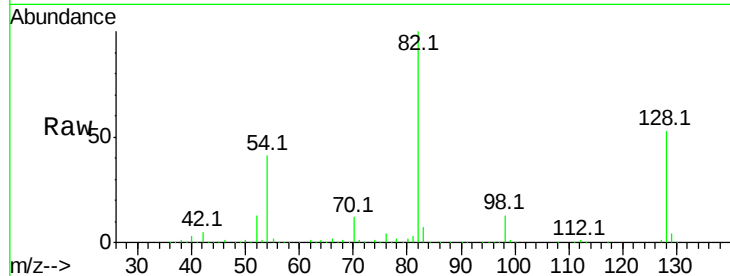


#23
 Nitrobenzene-d5
 Concen: 104.12 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091656.D
 Acq: 16 Dec 2016 5:38

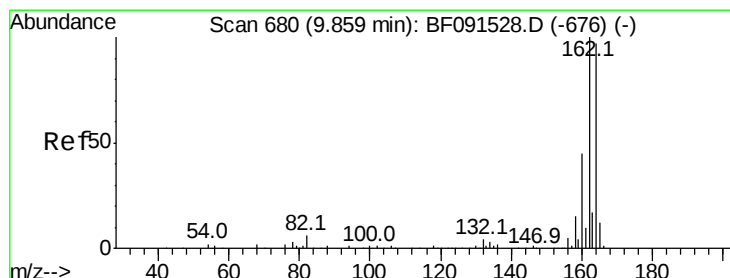
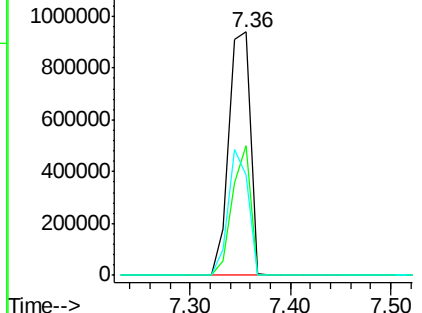
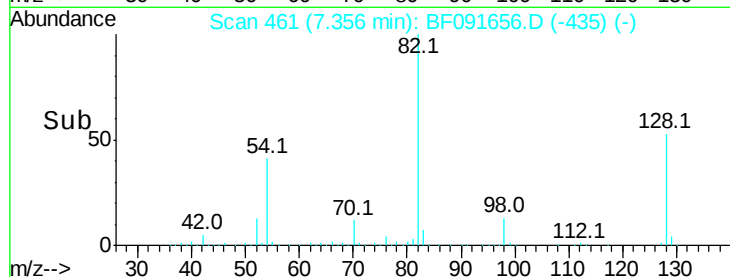
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion: 82 Resp: 1405534

Ion	Ratio	Lower	Upper
82	100		
128	53.5	31.8	47.6#
54	41.3	49.1	73.7#



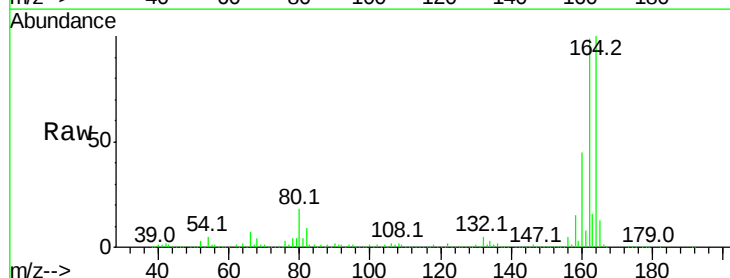
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



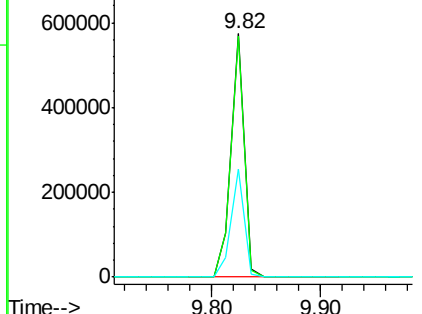
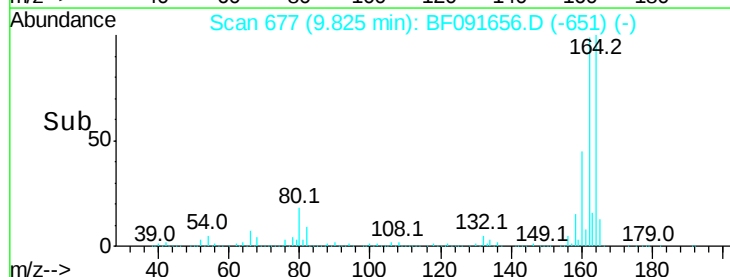
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091656.D
 Acq: 16 Dec 2016 5:38

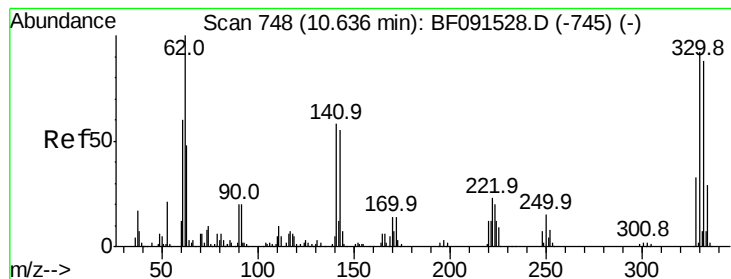
Tgt Ion:164 Resp: 478901

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.6	124.0
160	44.5	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: 85.86 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

Instrument :

BNA_F

ClientSampled :

MW-12

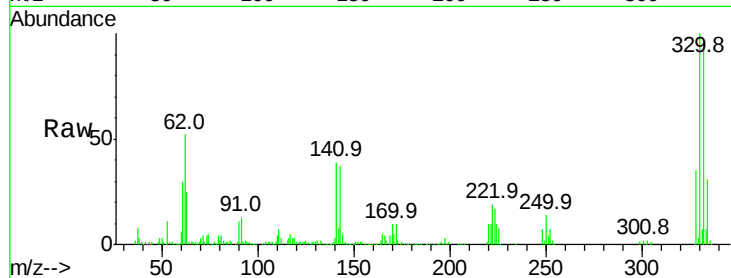
Tot Ion:330 Resp: 341537

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

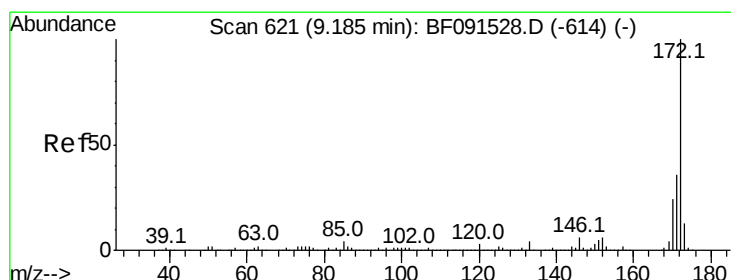
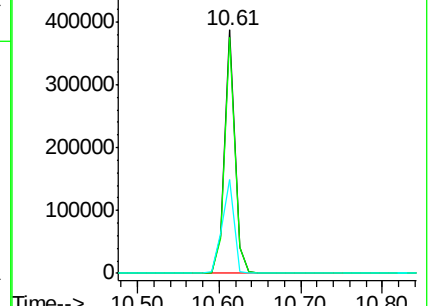
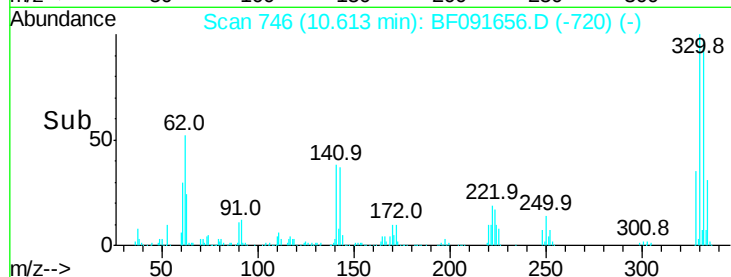
141 44.4 33.6 50.4



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: 79.20 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

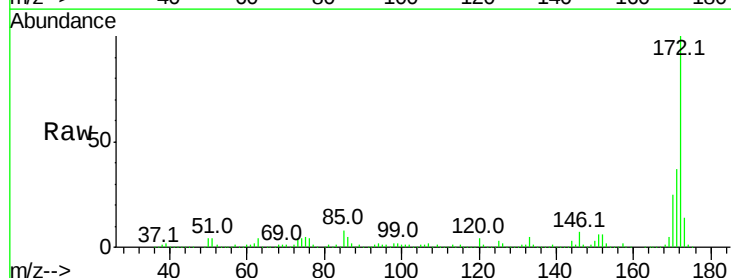
Tgt Ion:172 Resp: 2194974

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

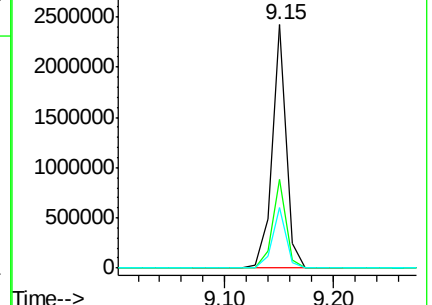
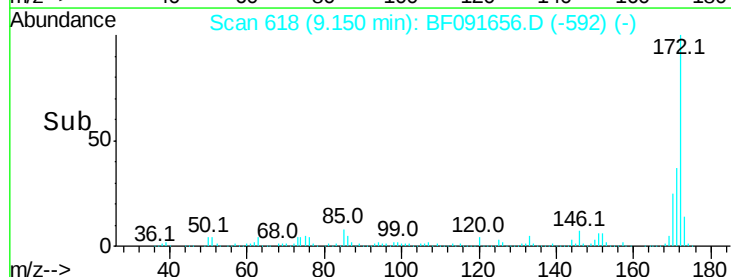
170 25.0 19.7 29.5

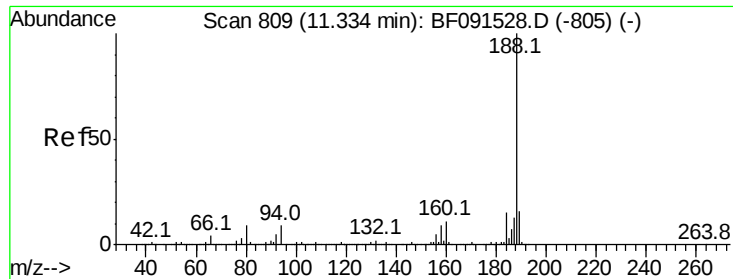


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

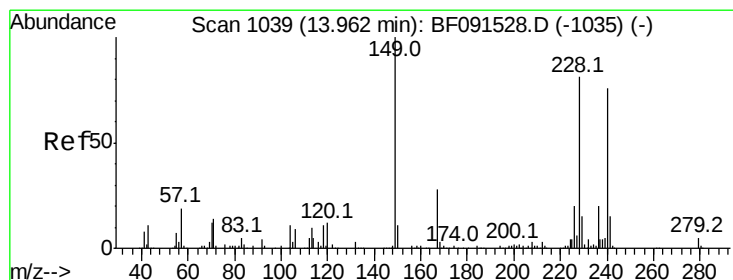
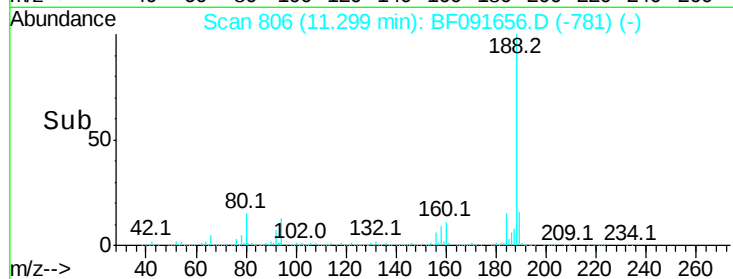
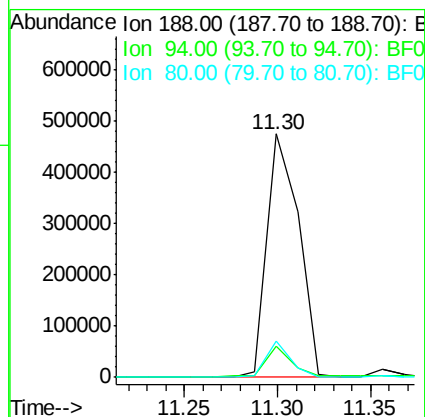
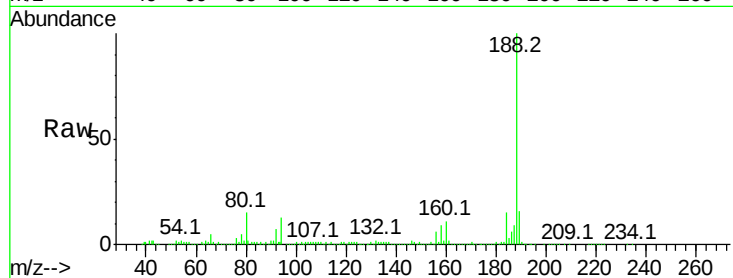




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

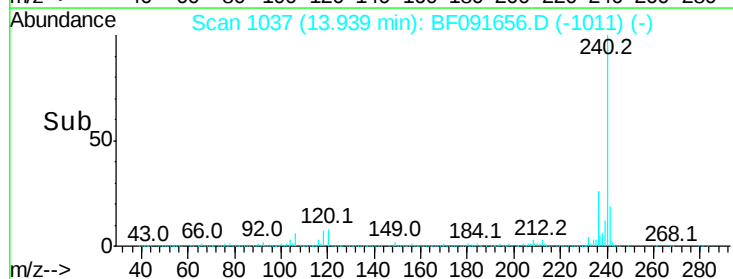
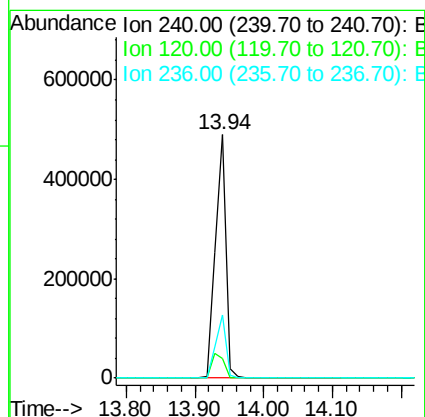
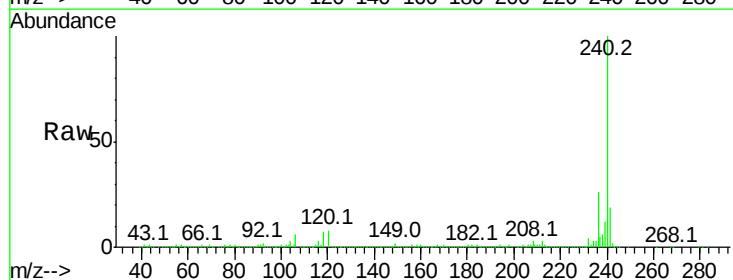
Instrument :
BNA_F
ClientSampleId :
MW-12

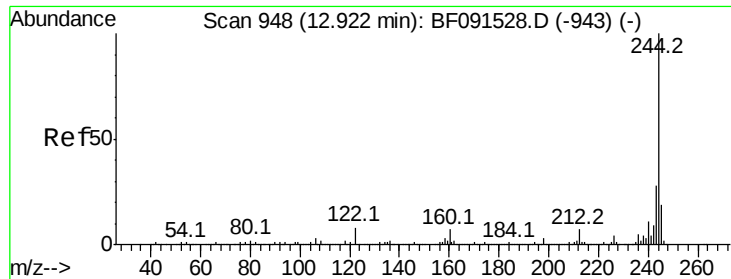
Tot Ion:188 Resp: 561382
Ion Ratio Lower Upper
188 100
94 13.0 9.2 13.8
80 14.8 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:240 Resp: 535706
Ion Ratio Lower Upper
240 100
120 8.2 12.1 18.1#
236 26.0 21.0 31.6





#78

Terphenyl-d14

Concen: 60.33 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

Instrument :

BNA_F

ClientSampleId :

MW-12

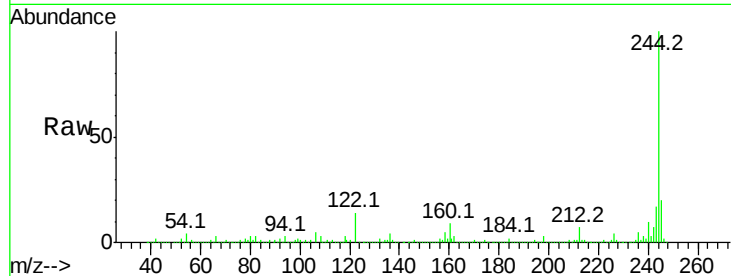
Tot Ion:244 Resp: 1424386

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

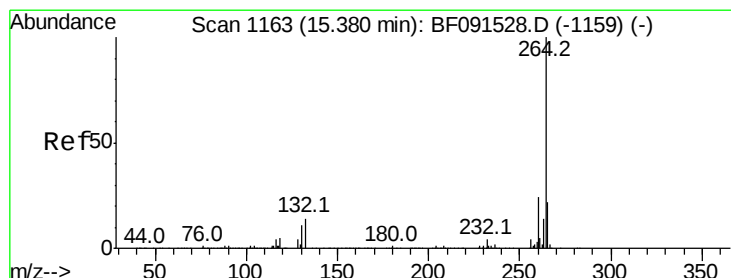
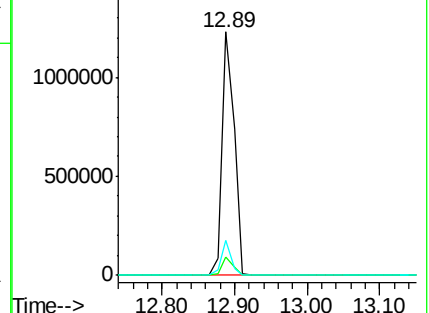
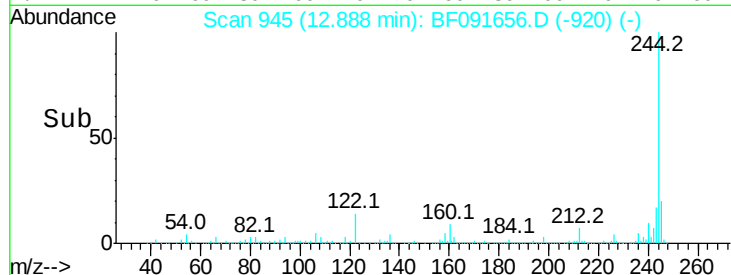
122 14.5 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091656.D

Acq: 16 Dec 2016 5:38

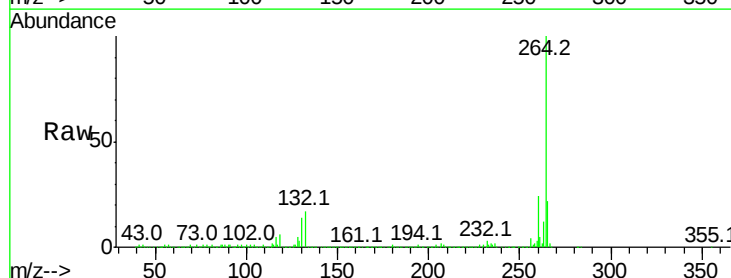
Tgt Ion:264 Resp: 434890

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.3 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

