

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091868.D
 Acq On : 22 Dec 2016 7:06
 Operator : UM/SJ
 Sample : H6156-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Dec 22 16:00:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

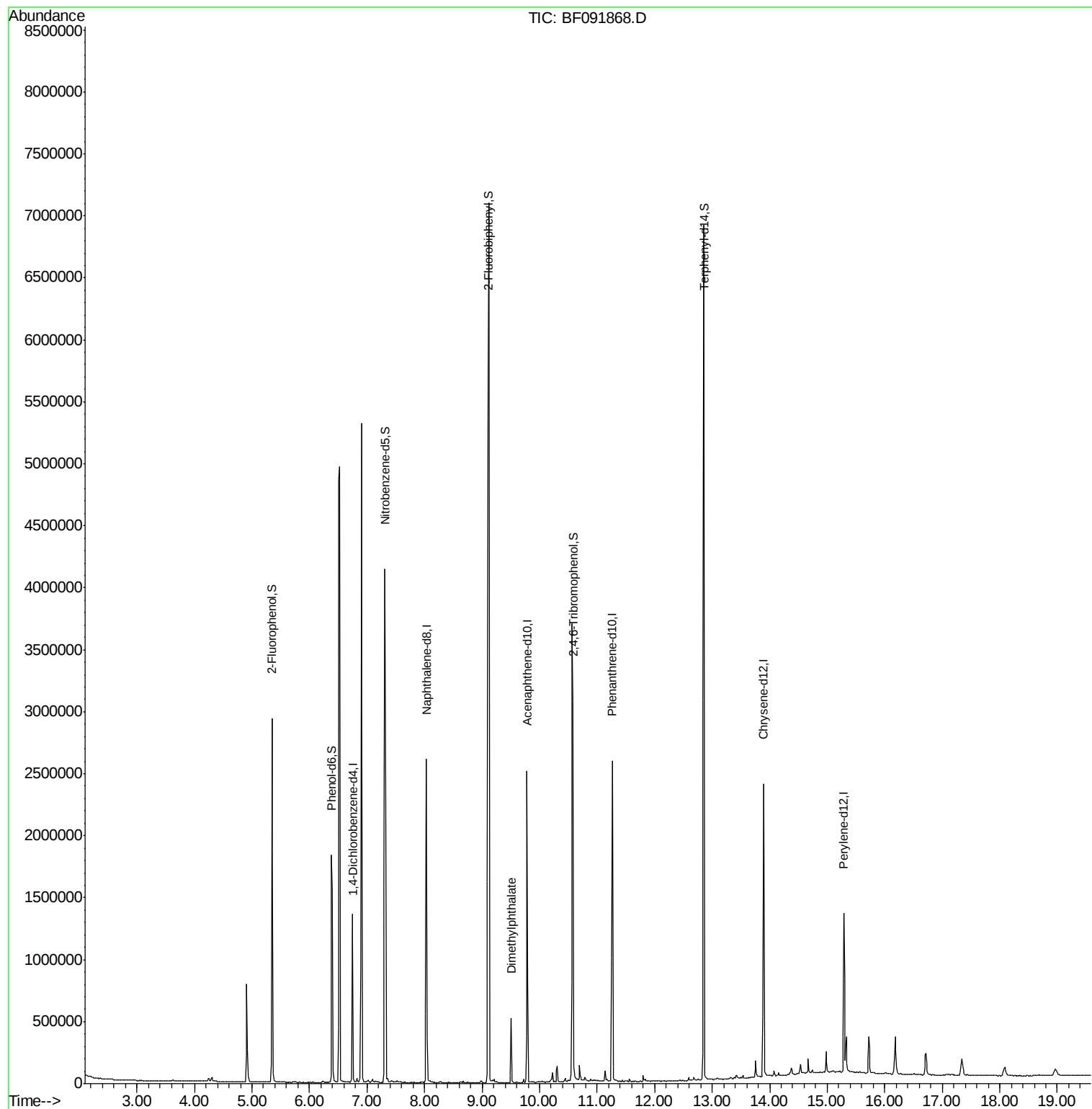
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	295047	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1225160	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	601382	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	1036046	20.00	ng	0.00
75) Chrysene-d12	13.89	240	785524	20.00	ng	-0.01
86) Perylene-d12	15.29	264	616037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1067506	60.41	ng	0.00
7) Phenol-d6	6.38	99	928443	43.04	ng	-0.02
23) Nitrobenzene-d5	7.31	82	2041489	92.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	727952	146.27	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3283398	116.67	ng	0.00
78) Terphenyl-d14	12.85	244	2361905	72.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	206978	5.38	ng	Qvalue # 99

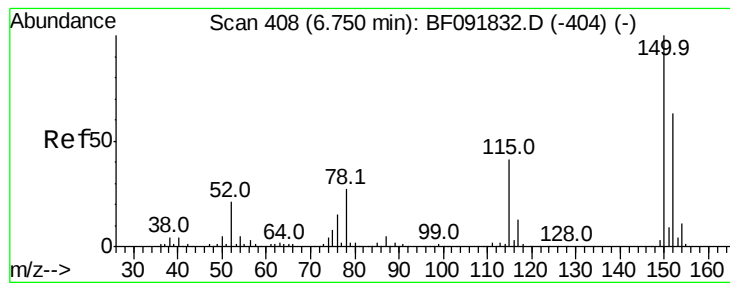
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

Instrument :

BNA_F

ClientSampleId :

MW-20

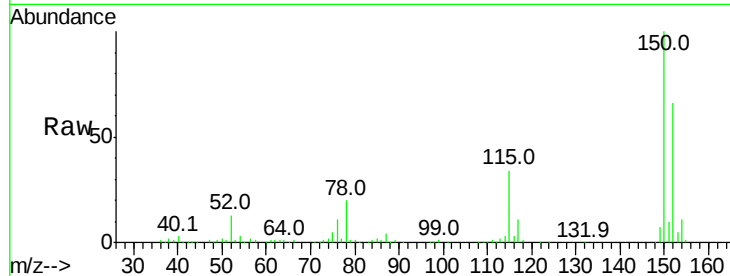
Tot Ion:152 Resp: 295047

Ion Ratio Lower Upper

152 100

150 152.5 124.9 187.3

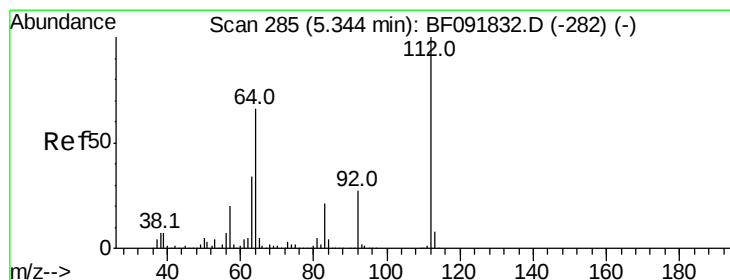
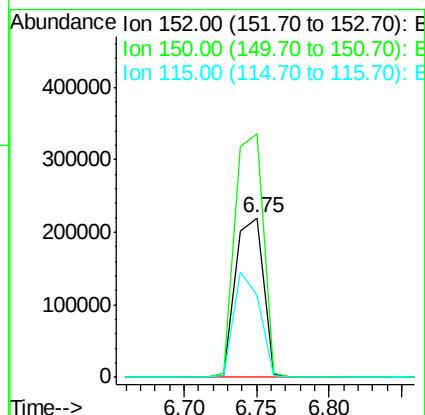
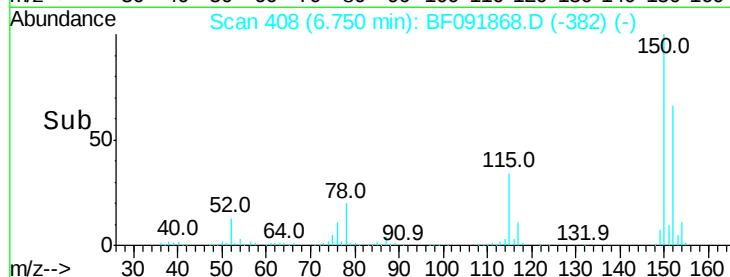
115 51.6 46.0 69.0



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: 60.41 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

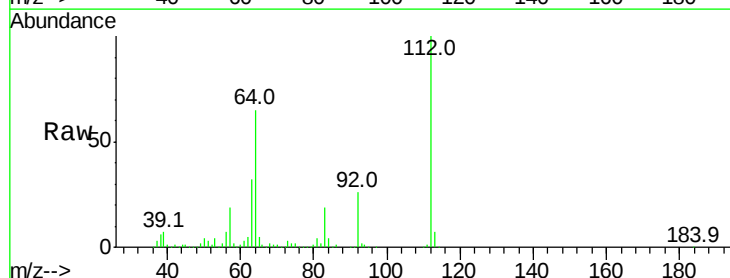
Tgt Ion:112 Resp: 1067506

Ion Ratio Lower Upper

112 100

64 65.5 46.1 69.1

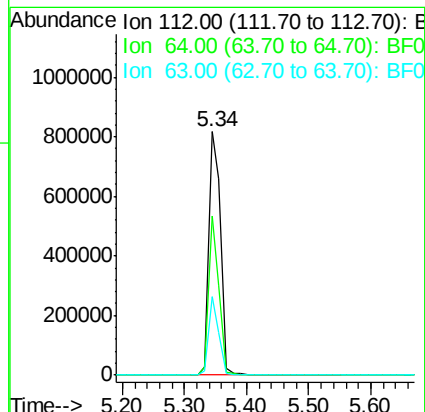
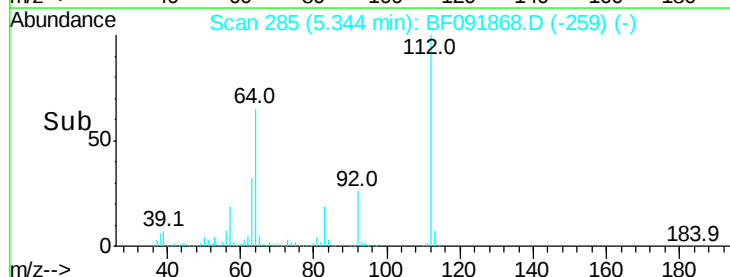
63 32.4 23.8 35.6

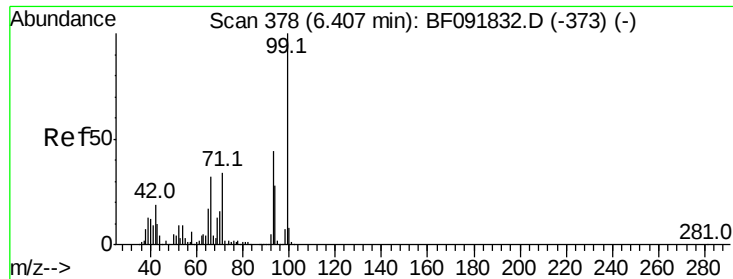


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.04 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

Instrument :

BNA_F

ClientSampled :

MW-20

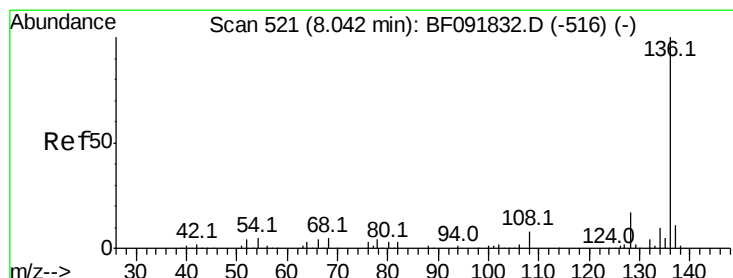
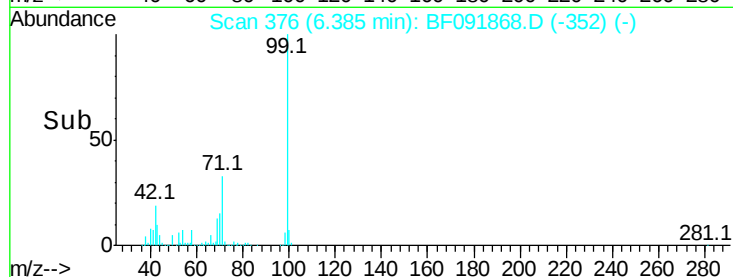
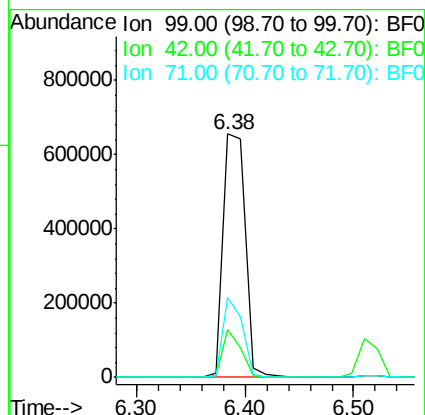
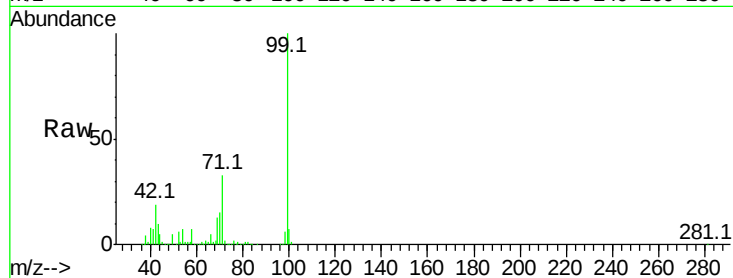
Tot Ion: 99 Resp: 928443

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 32.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

Tgt Ion: 136 Resp: 1225160

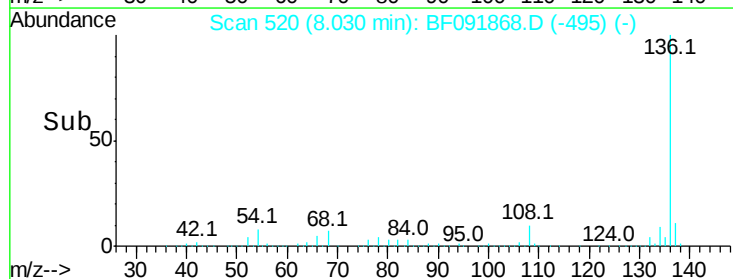
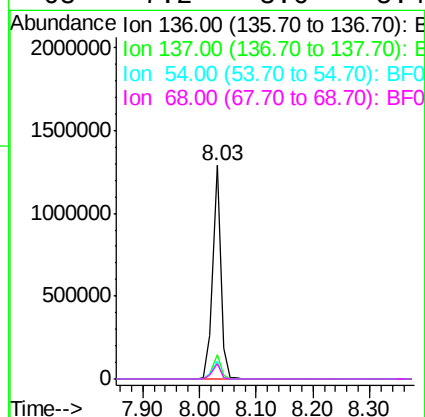
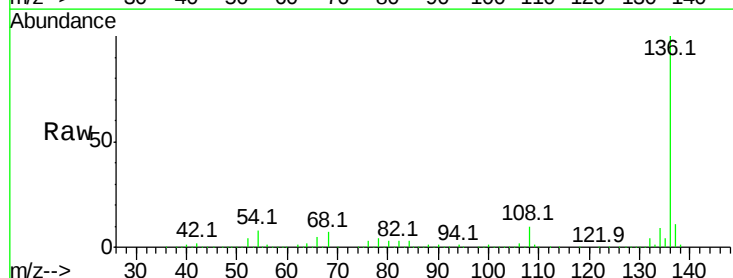
Ion Ratio Lower Upper

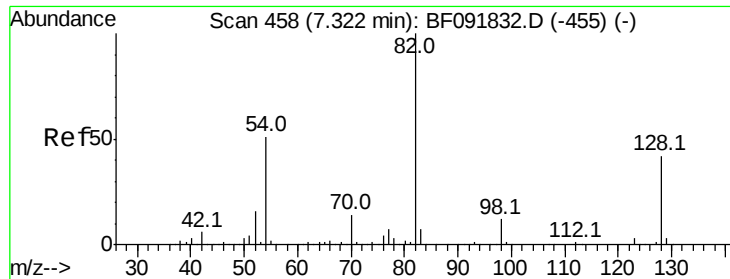
136 100

137 11.2 8.4 12.6

54 8.4 4.5 6.7#

68 7.2 3.6 5.4#

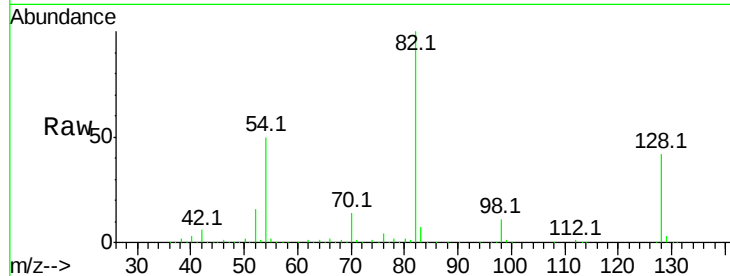




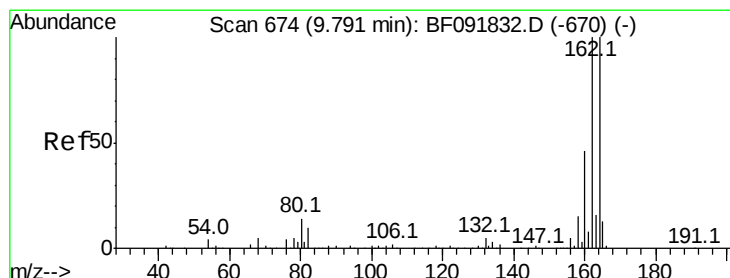
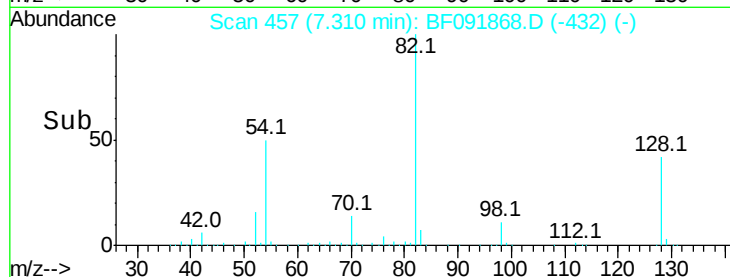
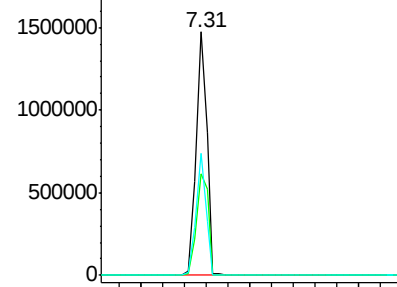
#23
Nitrobenzene-d5
Concen: 92.66 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091868.D
Acq: 22 Dec 2016 7:06

Instrument :
BNA_F
ClientSampled :
MW-20

Tot Ion: 82 Resp: 2041489
Ion Ratio Lower Upper
82 100
128 41.6 34.6 52.0
54 49.9 39.5 59.3

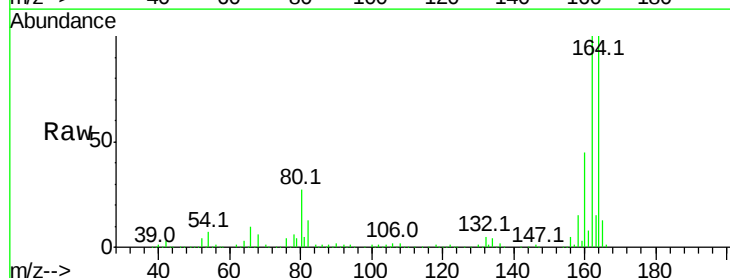


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

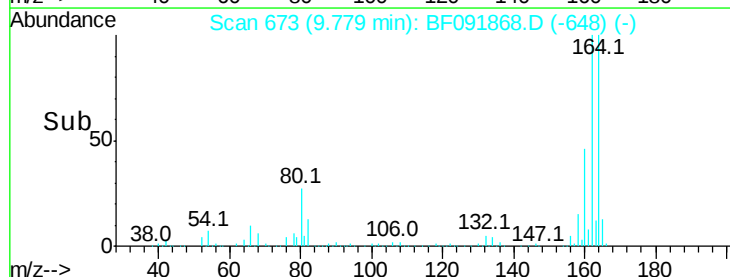
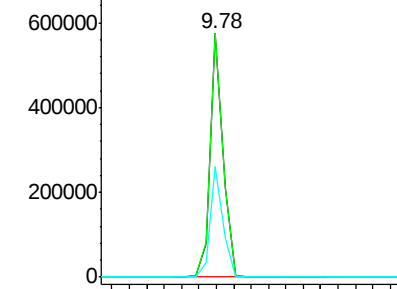


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091868.D
Acq: 22 Dec 2016 7:06

Tgt Ion:164 Resp: 601382
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 45.5 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

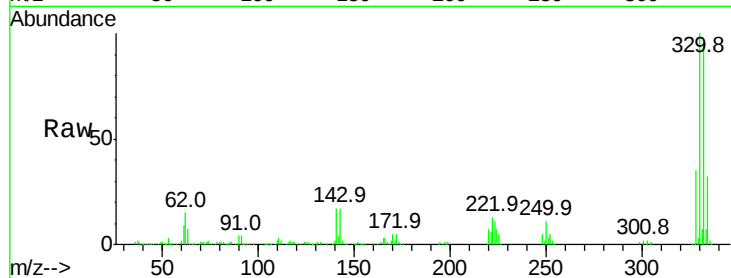




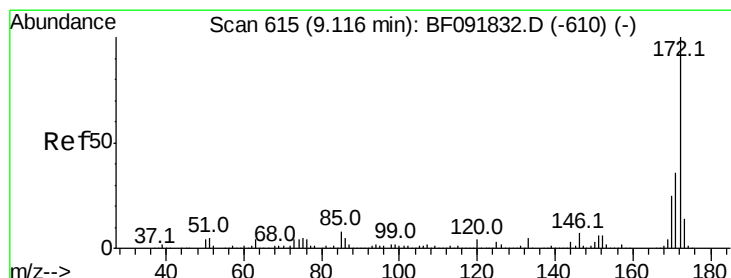
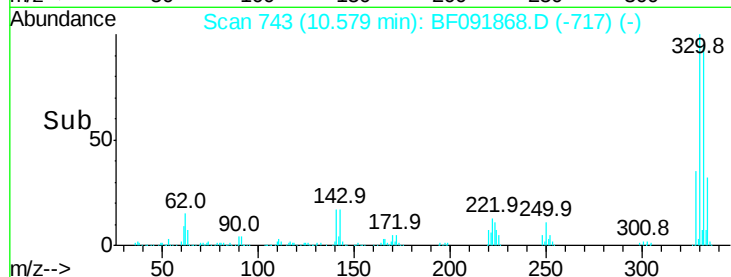
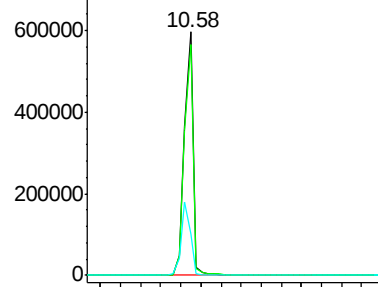
#41
 2,4,6-Tribromophenol
 Concen: 146.27 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091868.D
 Acq: 22 Dec 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 727952
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 31.6 34.1 51.1#

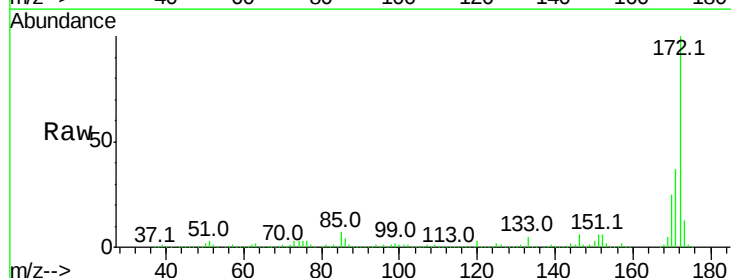


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

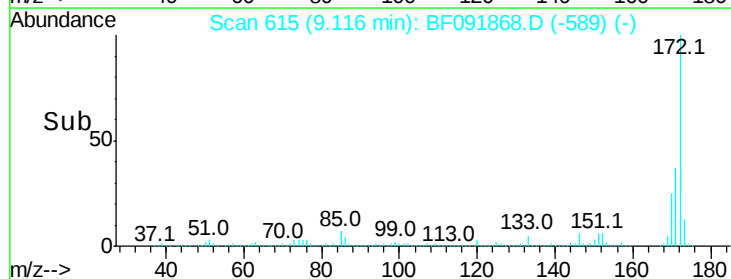
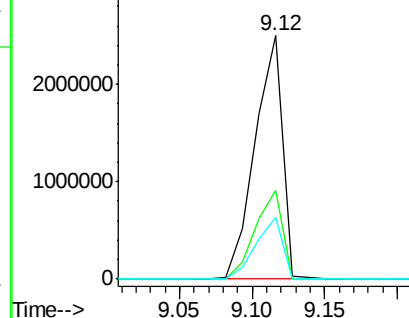


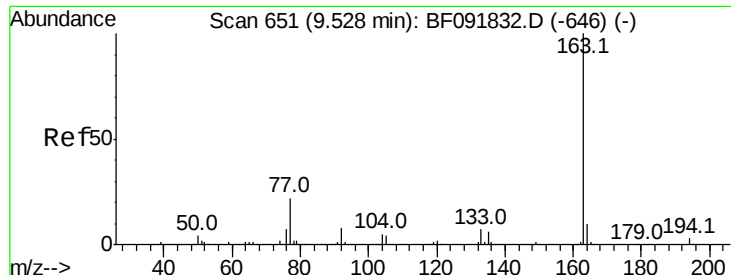
#44
 2-Fluorobiphenyl
 Concen: 116.67 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091868.D
 Acq: 22 Dec 2016 7:06

Tgt Ion:172 Resp: 3283398
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.3 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: 5.38 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

Instrument :

BNA_F

ClientSampleId :

MW-20

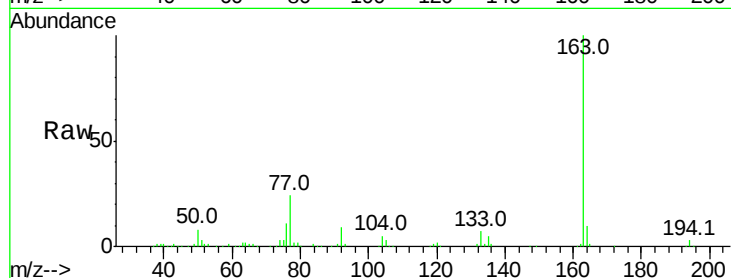
Tot Ion:163 Resp: 206978

Ion Ratio Lower Upper

163 100

194 2.8 3.0 4.4#

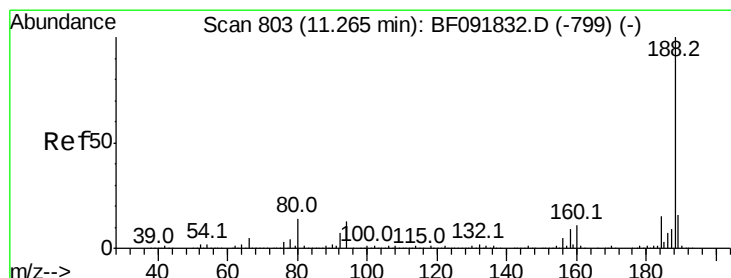
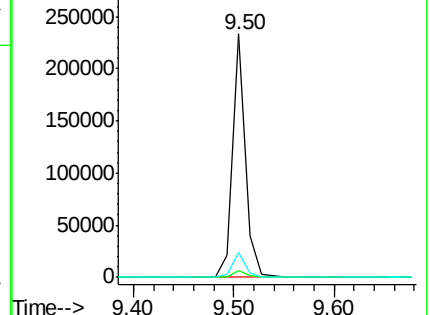
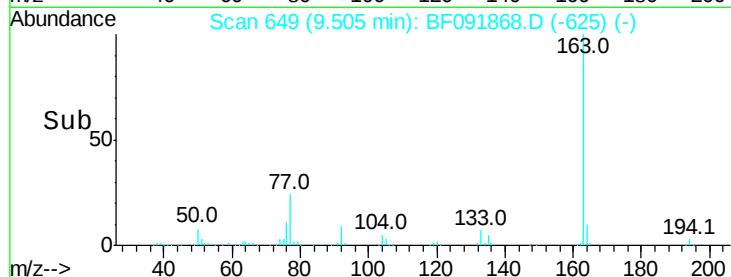
164 10.0 8.0 12.0



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: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

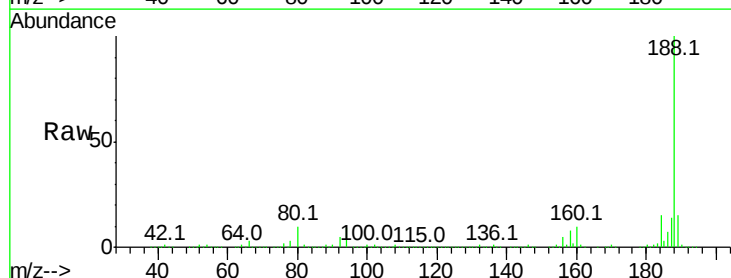
Tgt Ion:188 Resp: 1036046

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

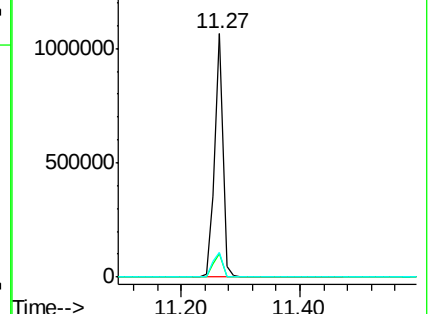
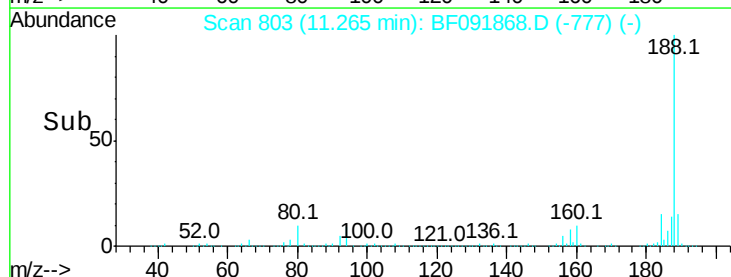
80 9.9 11.2 16.8#

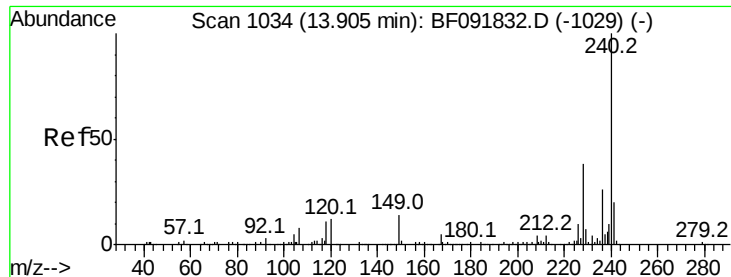


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

Instrument :

BNA_F

ClientSampled :

MW-20

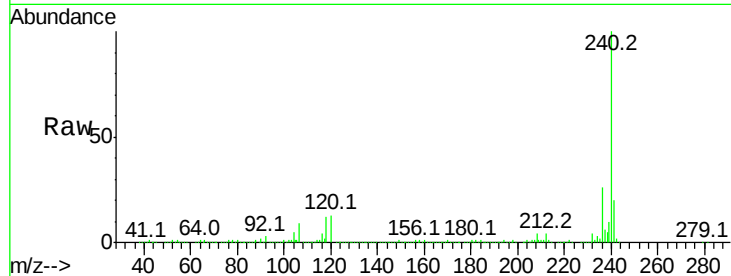
Tot Ion:240 Resp: 785524

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

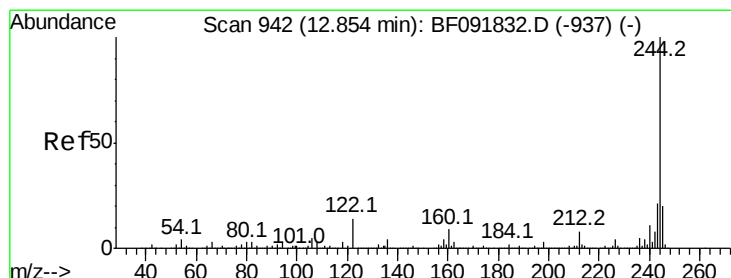
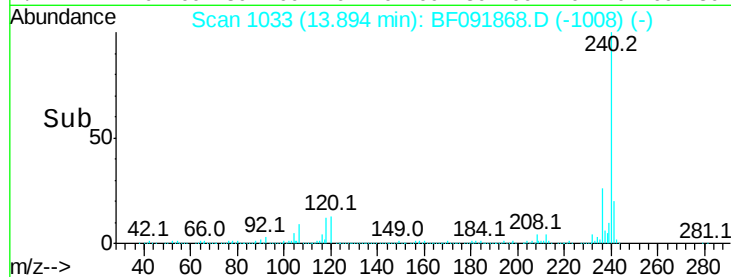
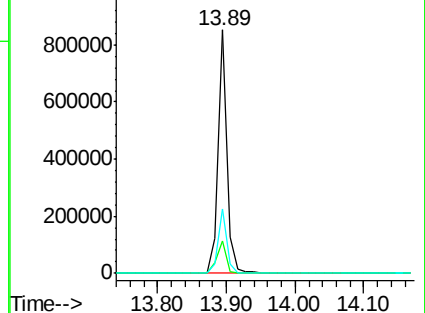
236 26.5 20.9 31.3



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: 72.92 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091868.D

Acq: 22 Dec 2016 7:06

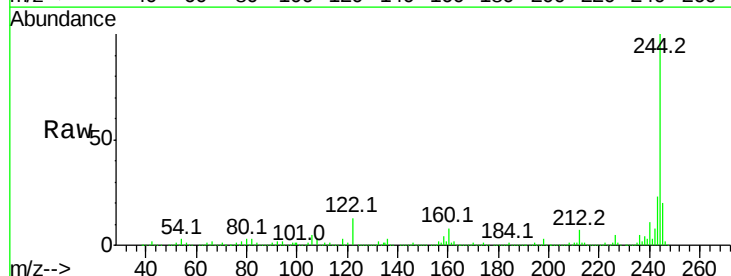
Tgt Ion:244 Resp: 2361905

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

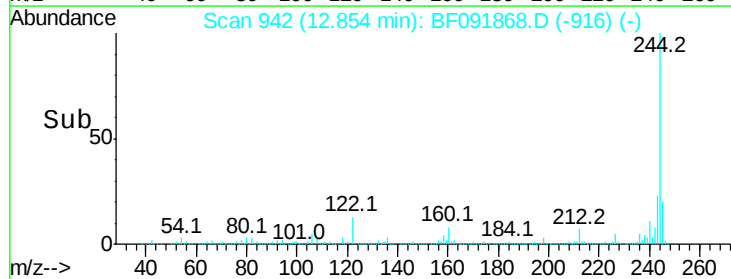
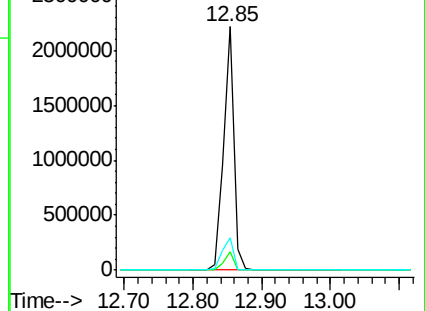
122 13.2 11.4 17.2

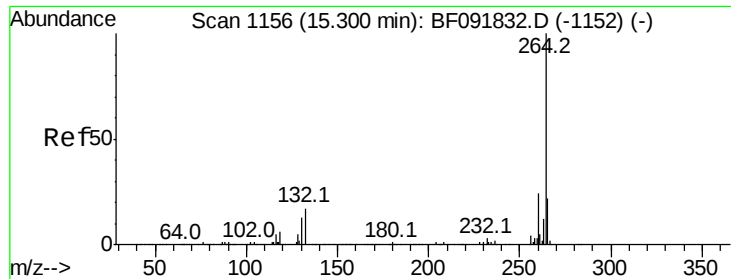


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091868.D
Acq: 22 Dec 2016 7:06

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0

