

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091884.D
 Acq On : 22 Dec 2016 14:25
 Operator : UM/SJ
 Sample : H6147-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Dec 23 02:25:05 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

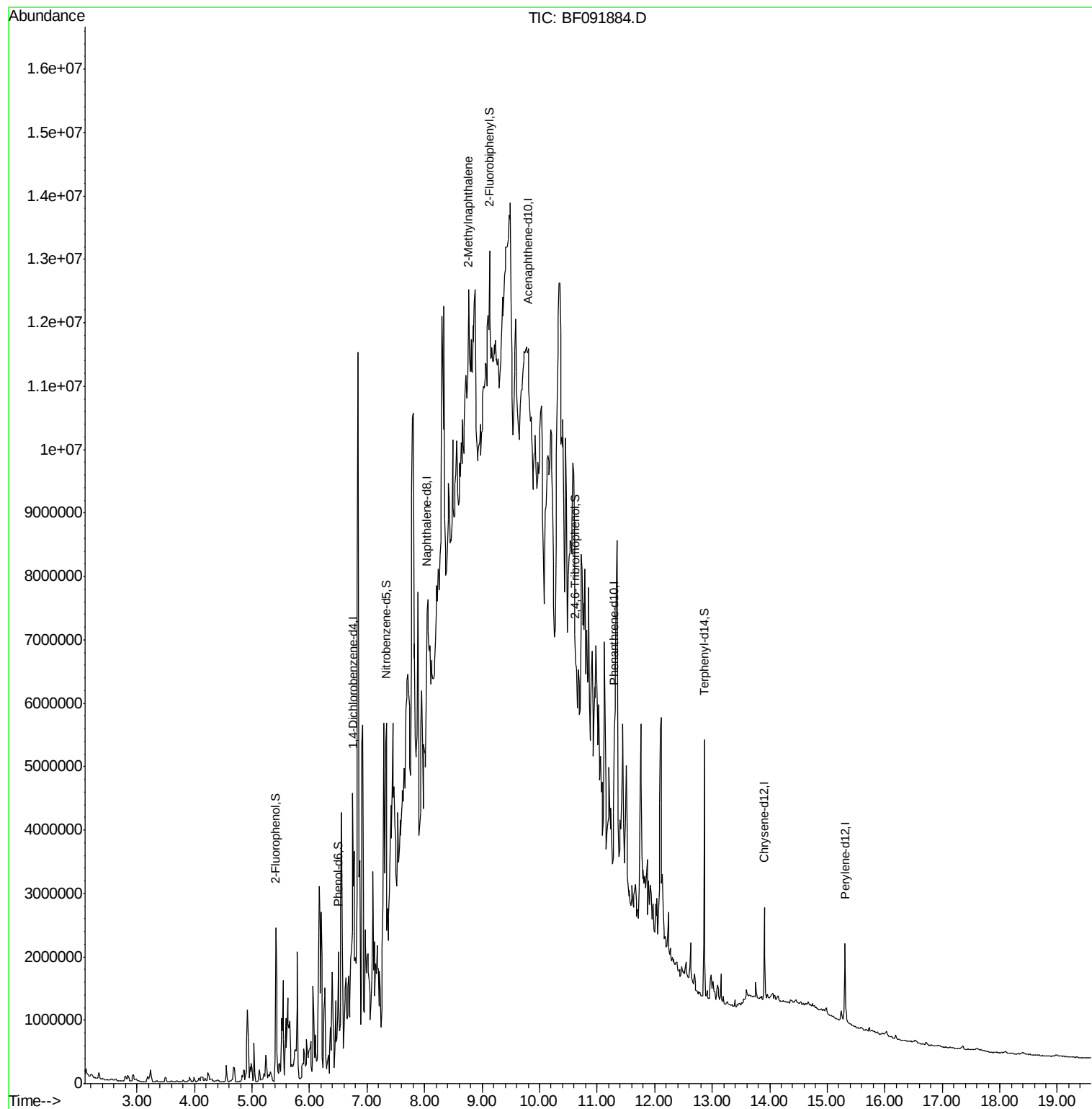
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	289088	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	955232	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	645719	20.00	ng	0.01
63) Phenanthrene-d10	11.30	188	625760	20.00	ng	0.03
75) Chrysene-d12	13.91	240	604763	20.00	ng	0.00
86) Perylene-d12	15.31	264	605607	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1002728	57.92	ng	0.07
7) Phenol-d6	6.50	99	868513	41.09	ng	0.09
23) Nitrobenzene-d5	7.33	82	1737954	101.17	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	350118	65.52	ng	0.05
44) 2-Fluorobiphenyl	9.13	172	1565780	43.37	ng	0.01
78) Terphenyl-d14	12.87	244	1343892	53.89	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	432396	12.76	ng	Qvalue # 90

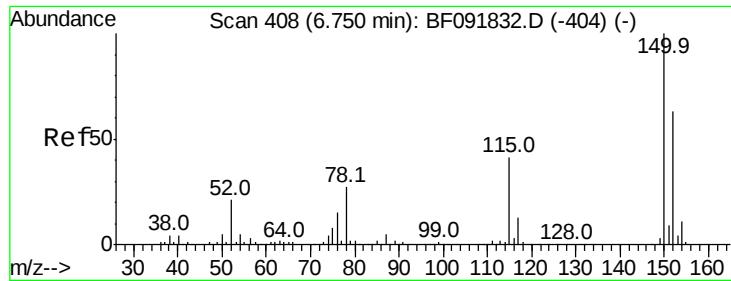
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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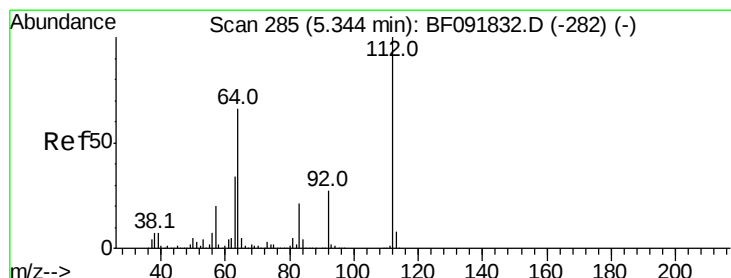
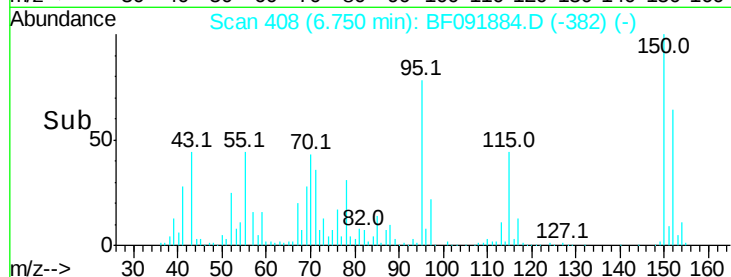
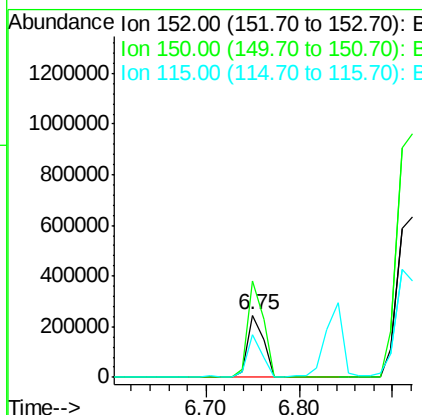
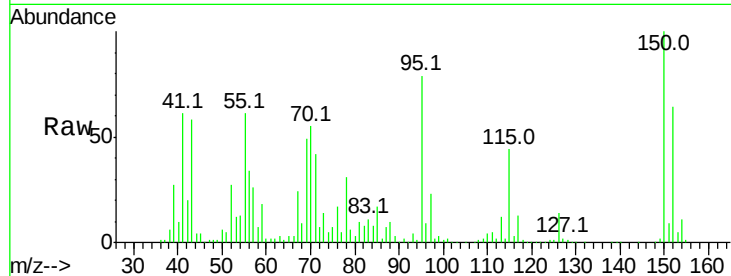


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091884.D
Acq: 22 Dec 2016 14:25

Instrument :
BNA_F
ClientSampleId :
MW-18

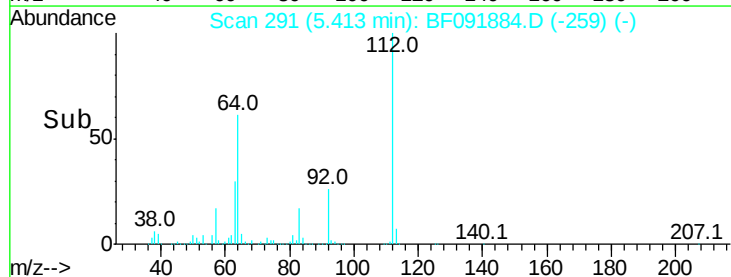
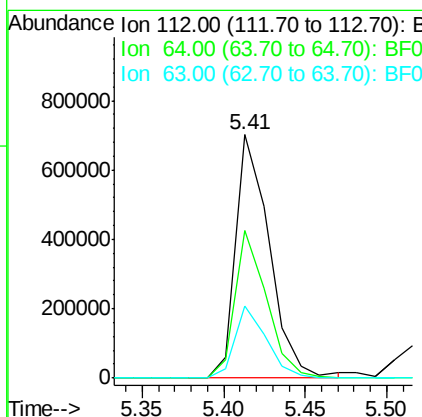
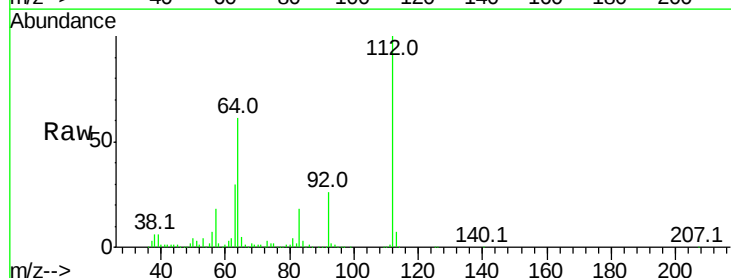
Tot Ion:152 Resp: 289088
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 68.2 46.0 69.0



#5

2-Fluorophenol
Concen: 57.92 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091884.D
Acq: 22 Dec 2016 14:25

Tgt Ion:112 Resp: 1002728
Ion Ratio Lower Upper
112 100
64 60.9 46.1 69.1
63 29.7 23.8 35.6





#7

Phenol-d6

Concen: 41.09 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.09 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

Instrument :

BNA_F

ClientSampleId :

MW-18

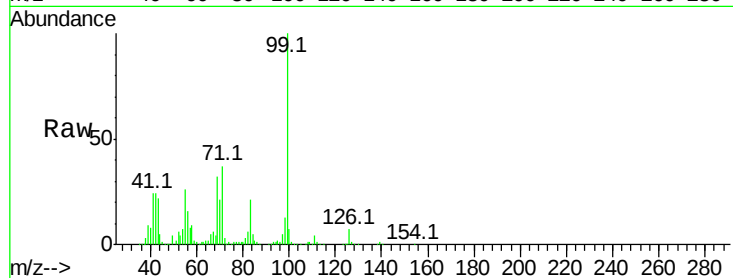
Tot Ion: 99 Resp: 868513

Ion Ratio Lower Upper

99 100

42 24.3 15.6 23.4#

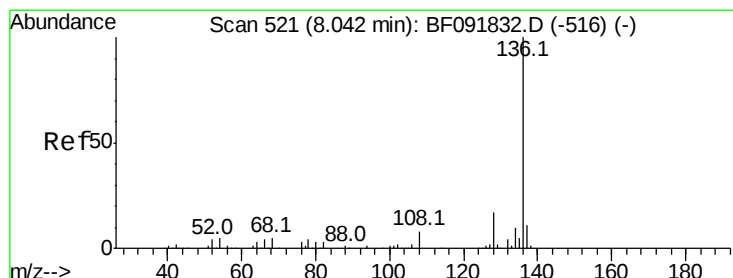
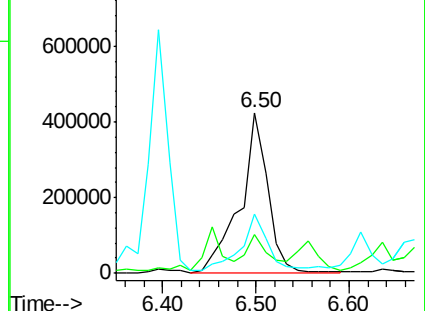
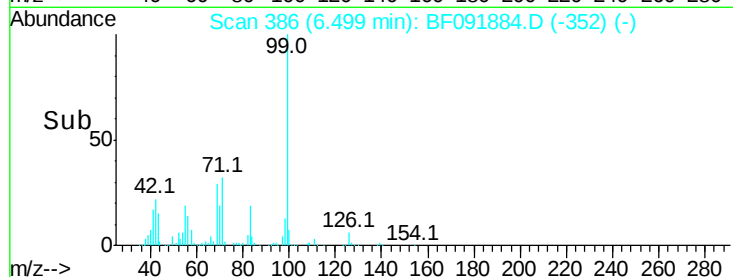
71 37.0 27.5 41.3



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. -0.00 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

Tgt Ion: 136 Resp: 955232

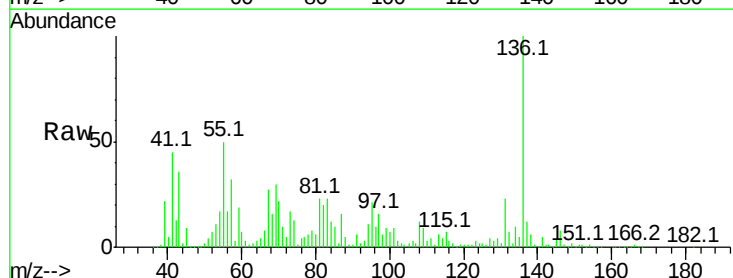
Ion Ratio Lower Upper

136 100

137 12.0 8.4 12.6

54 17.1 4.5 6.7#

68 15.8 3.6 5.4#

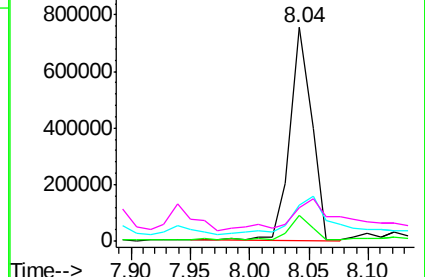
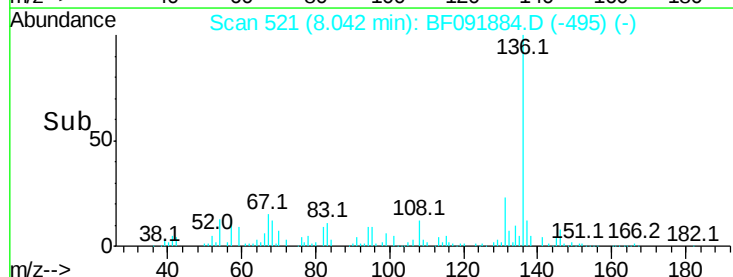


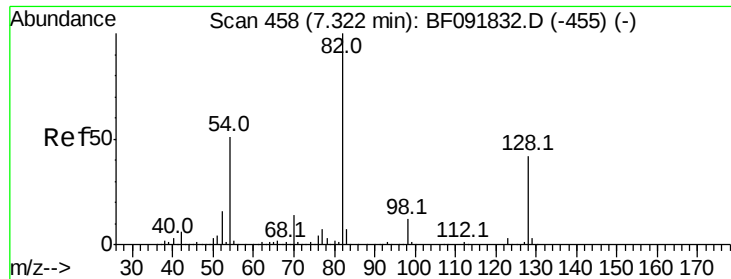
Abundance Ion 136.00 (135.70 to 136.70): E

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

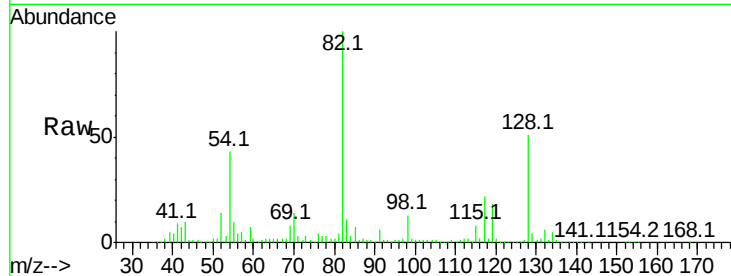




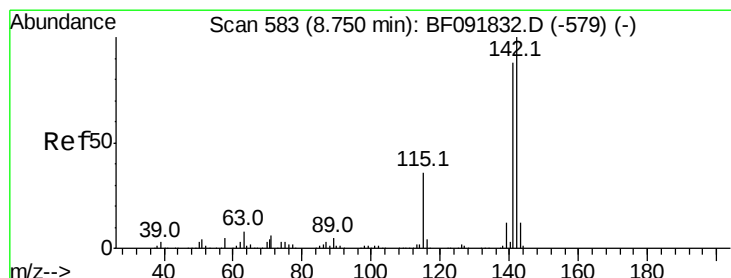
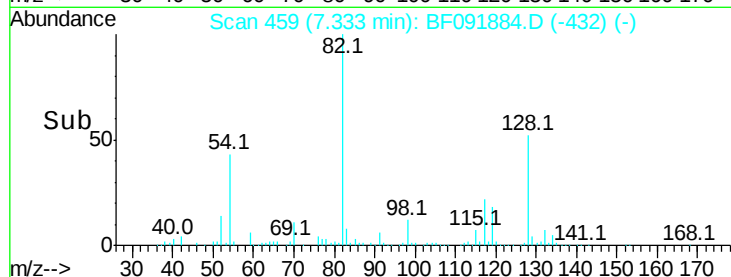
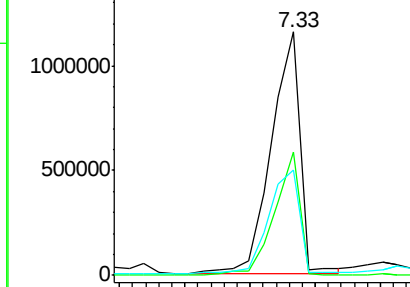
#23
 Nitrobenzene-d5
 Concen: 101.17 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF091884.D
 Acq: 22 Dec 2016 14:25

Instrument :
 BNA_F
 ClientSampled :
 MW-18

Tot Ion: 82 Resp: 1737954
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.6 52.0
 54 43.4 39.5 59.3

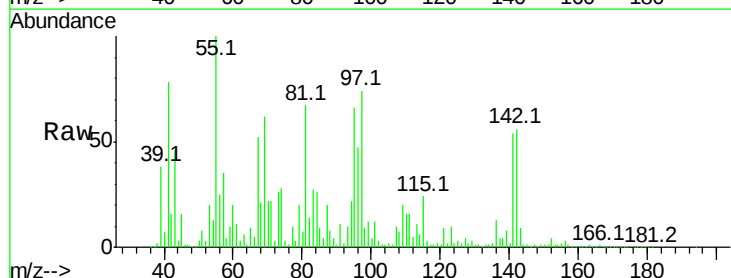


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

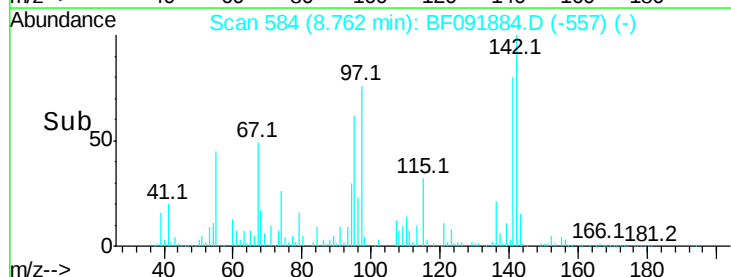
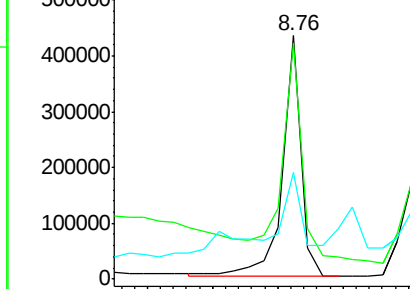


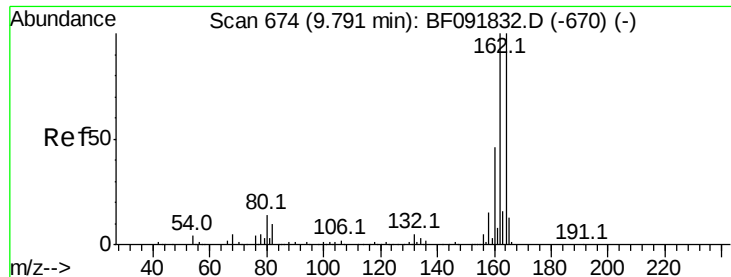
#37
 2-Methylnaphthalene
 Concen: 12.76 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF091884.D
 Acq: 22 Dec 2016 14:25

Tgt Ion:142 Resp: 432396
 Ion Ratio Lower Upper
 142 100
 141 97.1 71.0 106.6
 115 43.6 28.3 42.5#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

Instrument :

BNA_F

ClientSampleId :

MW-18

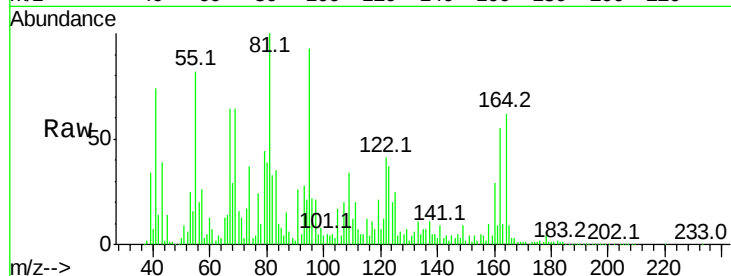
Tot Ion:164 Resp: 645719

Ion Ratio Lower Upper

164 100

162 88.3 80.2 120.2

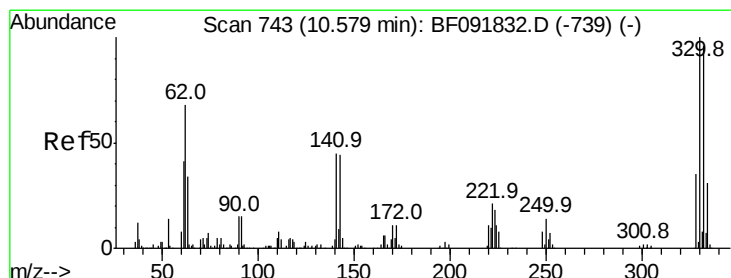
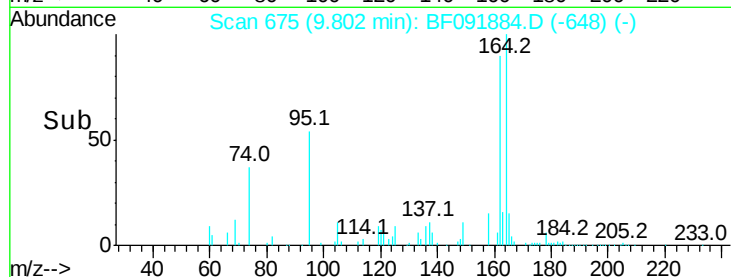
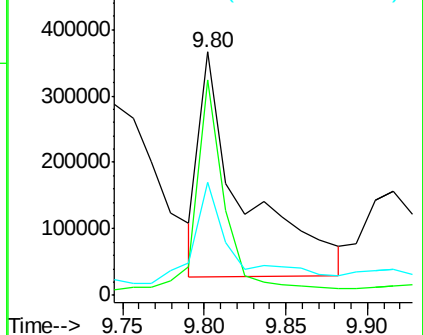
160 46.5 36.9 55.3



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: 65.52 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

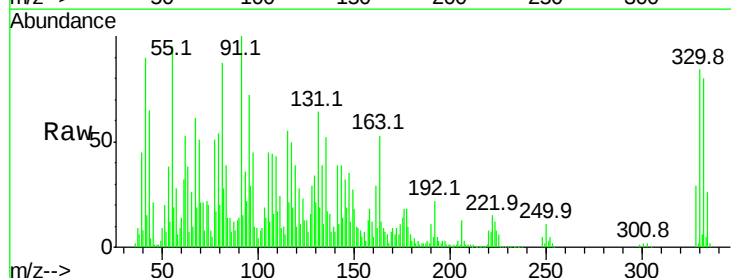
Tgt Ion:330 Resp: 350118

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

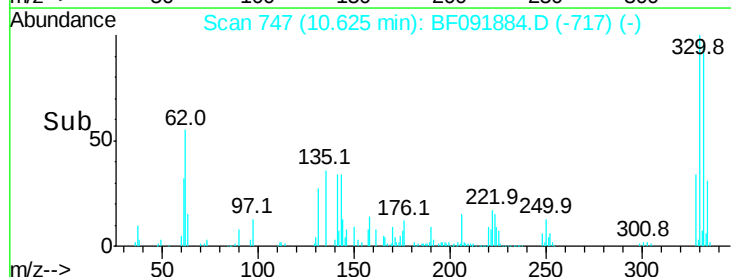
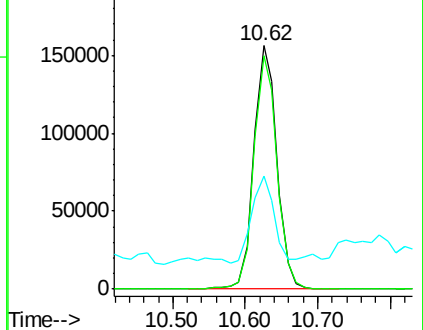
141 34.1 34.1 51.1

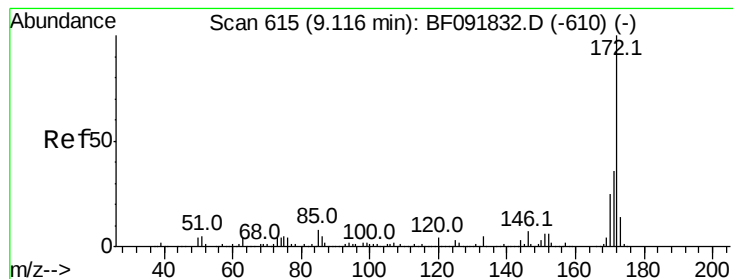


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

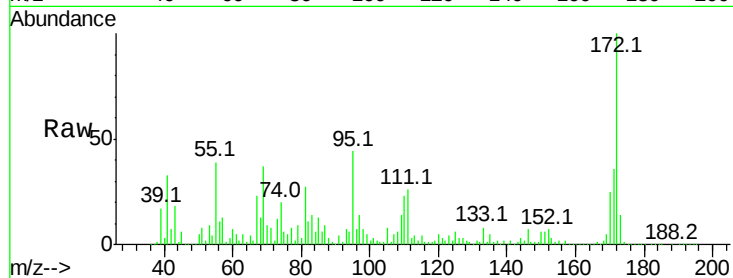




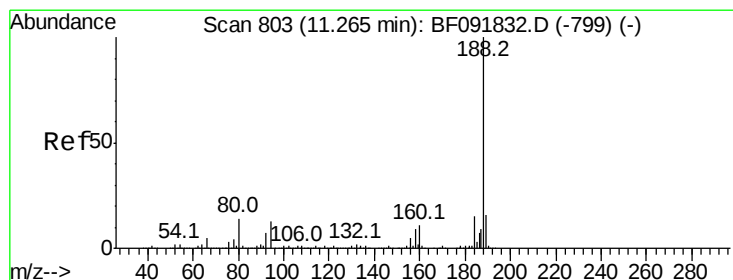
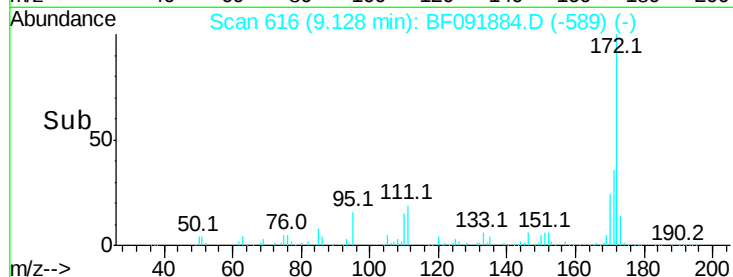
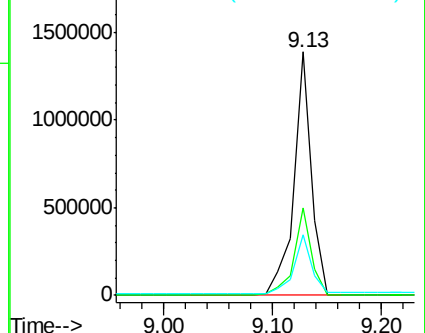
#44
2-Fluorobiphenyl
Concen: 43.37 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF091884.D
Acq: 22 Dec 2016 14:25

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:172 Resp: 1565780
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.8 20.2 30.4

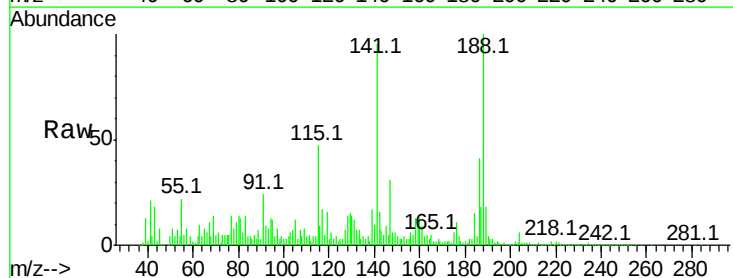


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

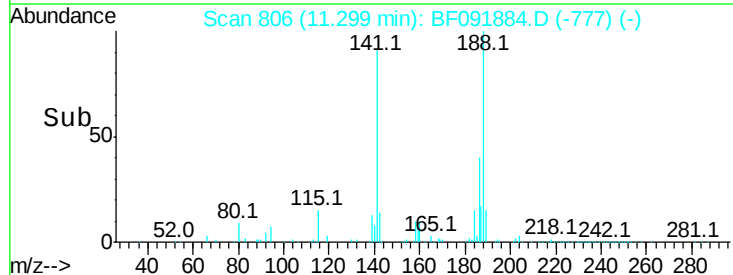
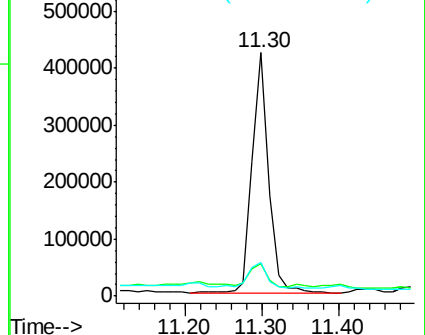


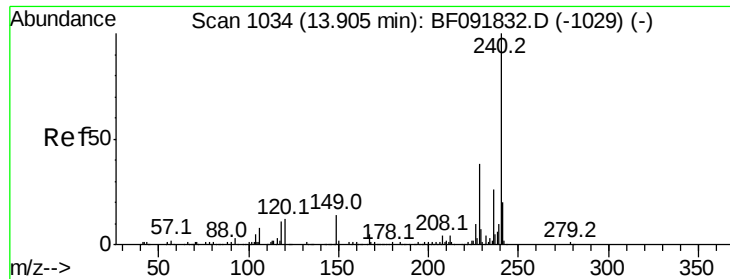
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.03 min
Lab File: BF091884.D
Acq: 22 Dec 2016 14:25

Tgt Ion:188 Resp: 625760
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 13.9 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: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

Instrument :

BNA_F

ClientSampleId :

MW-18

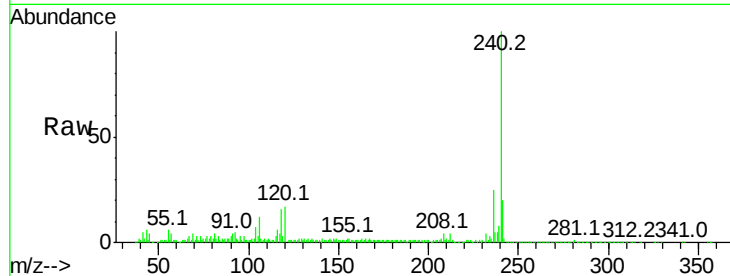
Tot Ion:240 Resp: 604763

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

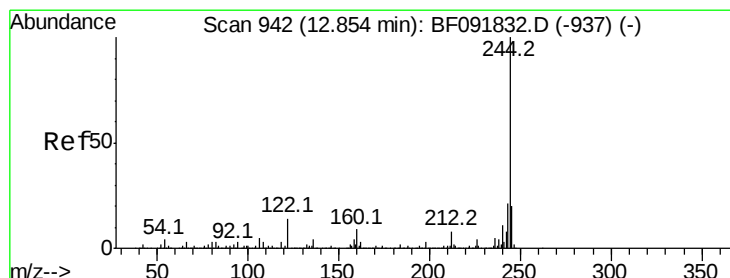
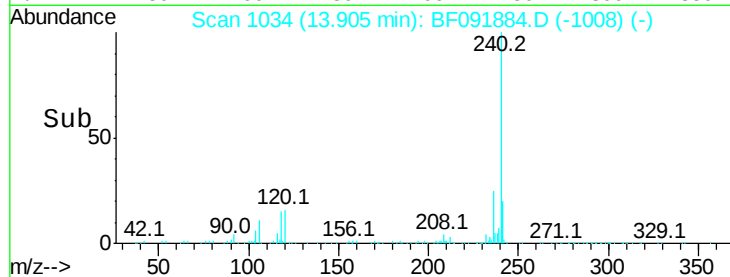
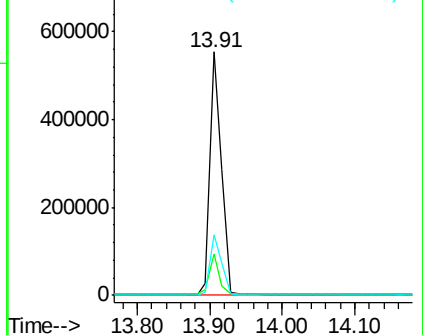
236 25.1 20.9 31.3



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: 53.89 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091884.D

Acq: 22 Dec 2016 14:25

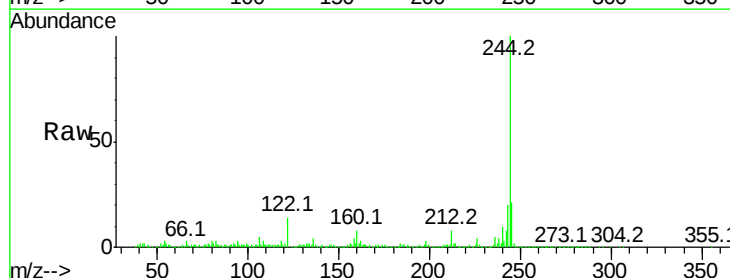
Tgt Ion:244 Resp: 1343892

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

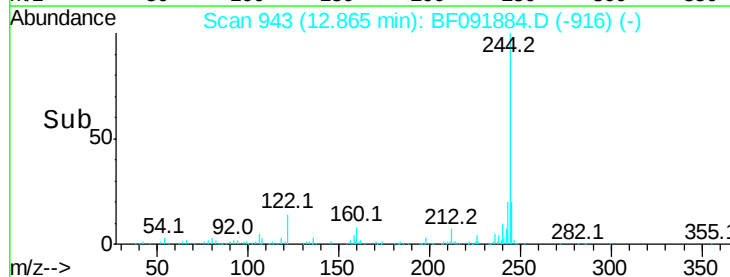
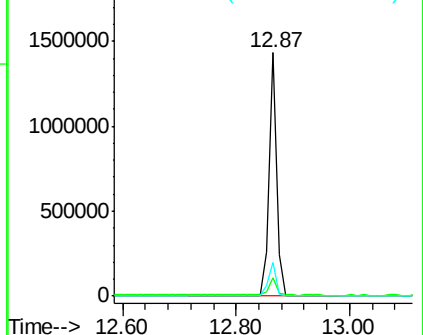
122 14.0 11.4 17.2

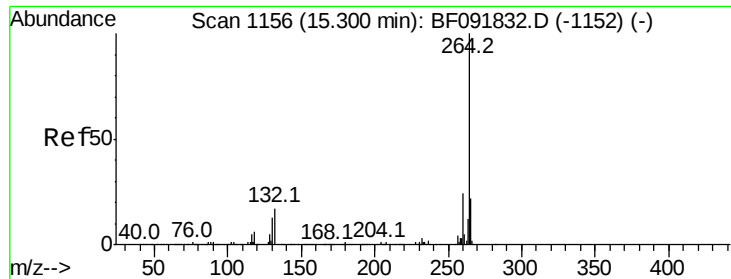


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
Lab File: BF091884.D
Acq: 22 Dec 2016 14:25

Instrument :
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ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.4	26.0

