

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091954.D
 Acq On : 24 Dec 2016 6:28
 Operator : UM/SJ
 Sample : H6156-05DL 25X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Quant Time: Dec 24 23:28:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 23:24:39 2016
 Response via : Initial Calibration

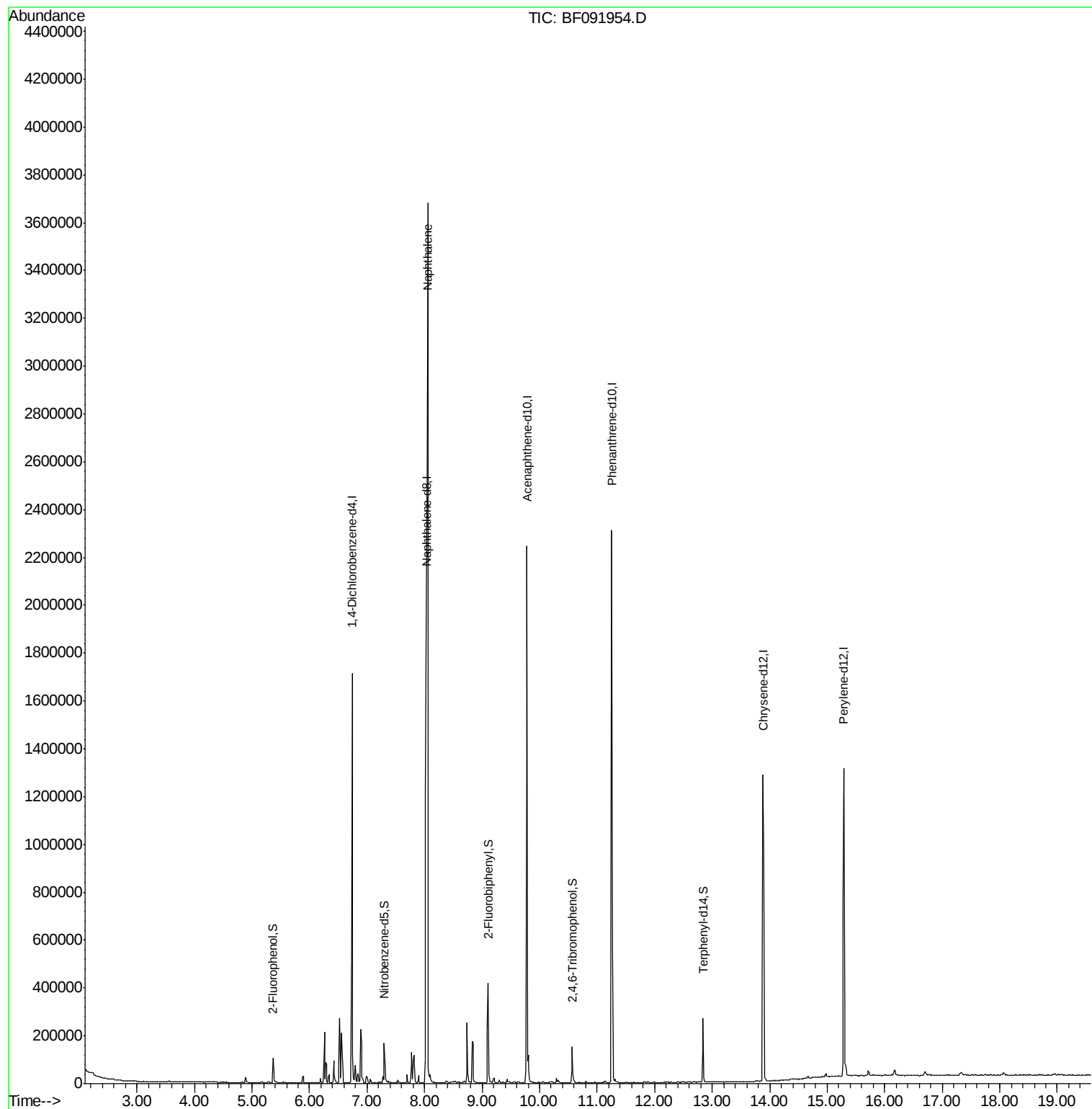
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	277122	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1077682	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	612468	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	864849	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	602366	20.00	ng	-0.02
86) Perylene-d12	15.29	264	602957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	40289	2.43	ng	0.02
7) Phenol-d6	6.42	99	31600	1.56	ng	0.01
23) Nitrobenzene-d5	7.30	82	74541	3.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	22697	4.48	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	176034	5.52	ng	-0.01
78) Terphenyl-d14	12.84	244	105940	4.27	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	2254711	45.71	ng	Qvalue 99

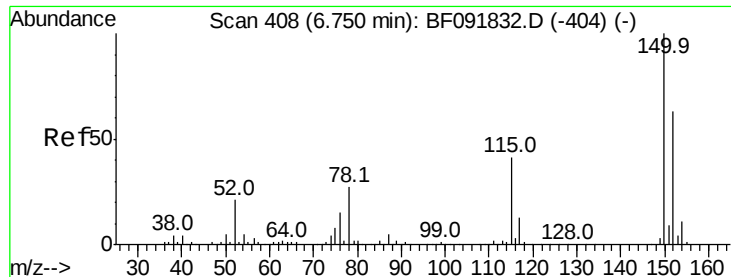
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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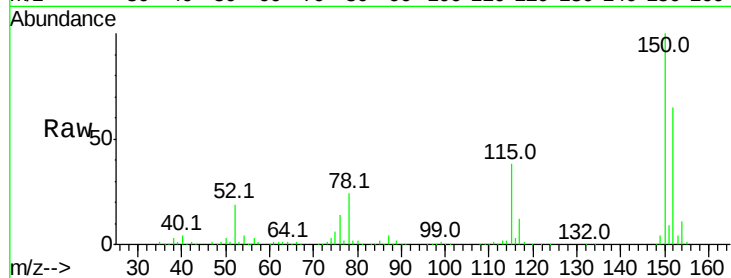


#1

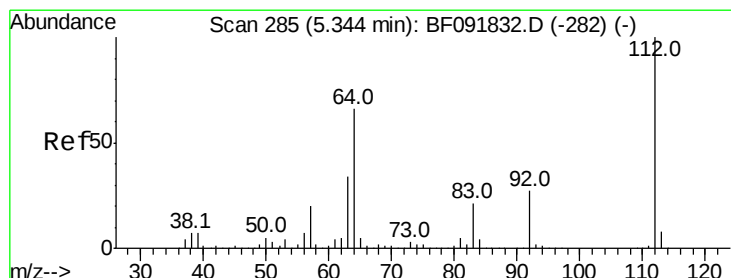
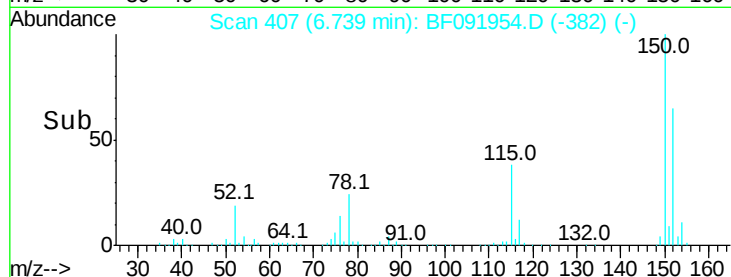
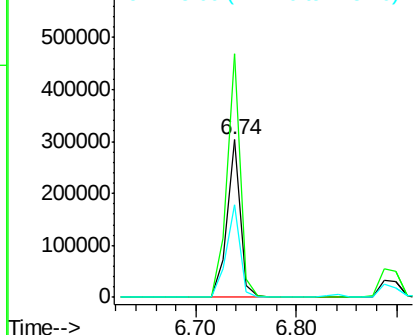
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091954.D
 Acq: 24 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Tot Ion:152 Resp: 277122
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 58.7 46.0 69.0



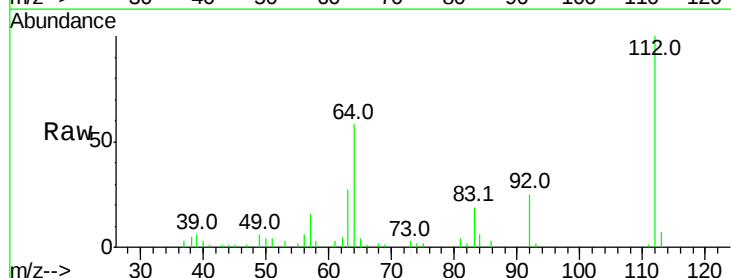
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



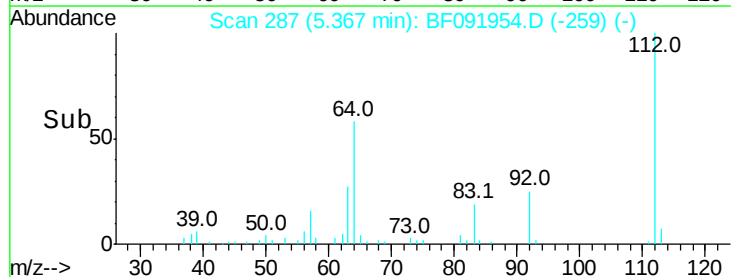
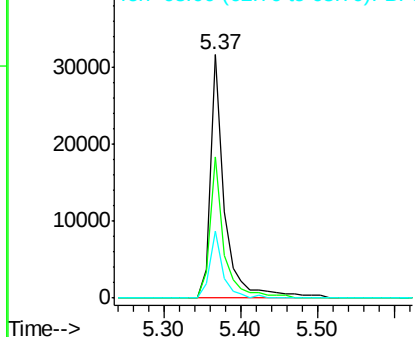
#5

2-Fluorophenol
 Concen: 2.43 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.02 min
 Lab File: BF091954.D
 Acq: 24 Dec 2016 6:28

Tgt Ion:112 Resp: 40289
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.1 69.1
 63 27.4 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: 1.56 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091954.D

Acq: 24 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

MW-8DL

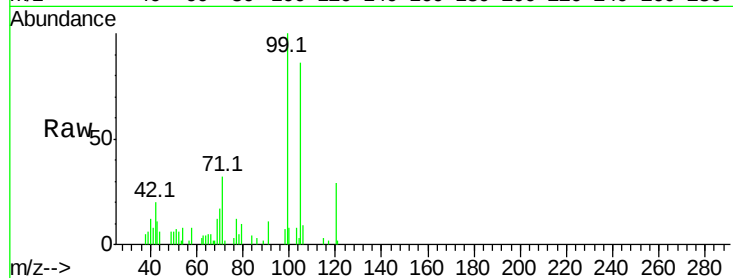
Tot Ion: 99 Resp: 31600

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

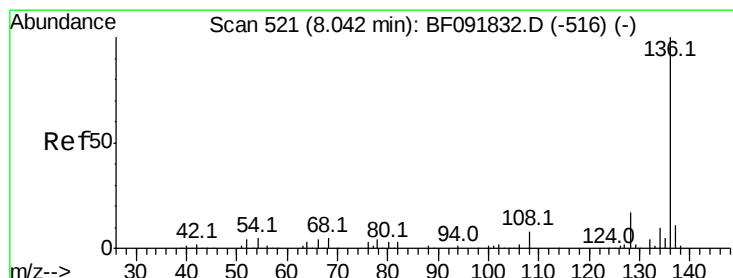
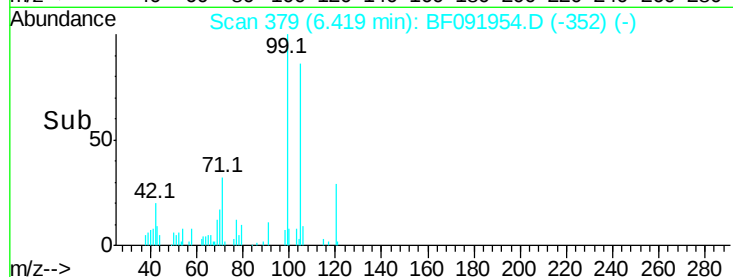
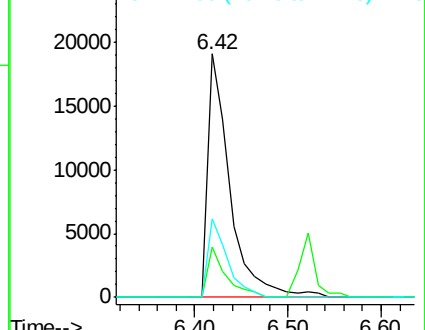
71 32.1 27.5 41.3



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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091954.D

Acq: 24 Dec 2016 6:28

Tgt Ion: 136 Resp: 1077682

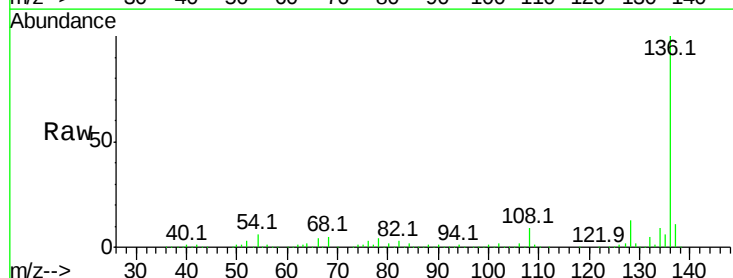
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 6.0 4.5 6.7

68 4.9 3.6 5.4

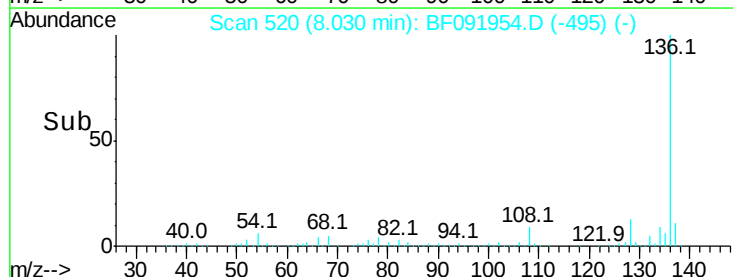
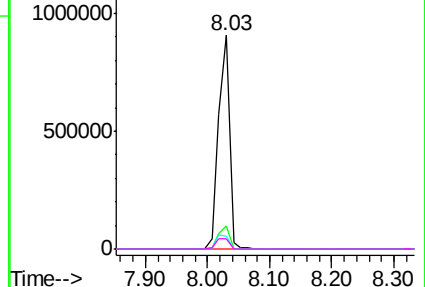


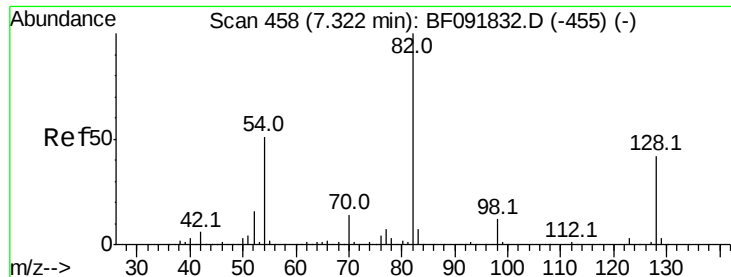
Abundance Ion 136.00 (135.70 to 136.70): E

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

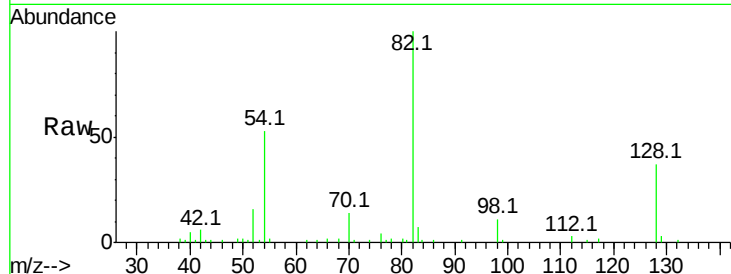




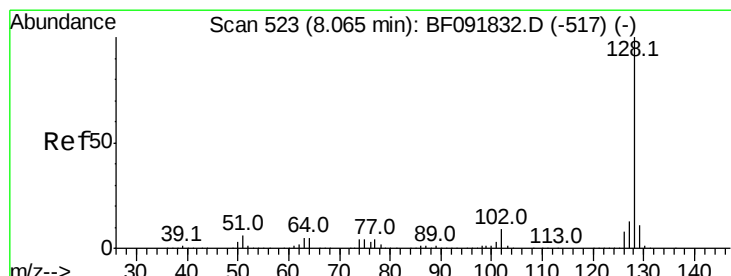
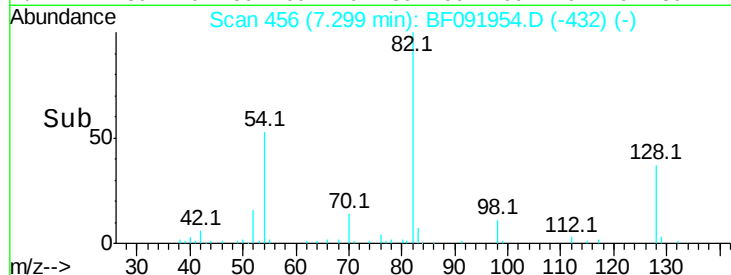
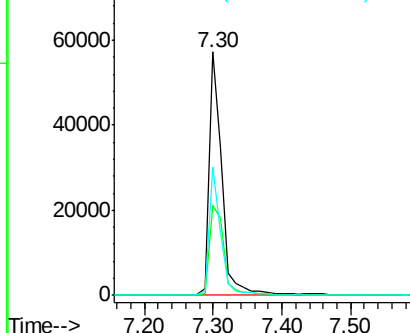
#23
Nitrobenzene-d5
Concen: 3.85 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091954.D
Acq: 24 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tot Ion: 82 Resp: 74541
Ion Ratio Lower Upper
82 100
128 37.2 34.6 52.0
54 52.8 39.5 59.3

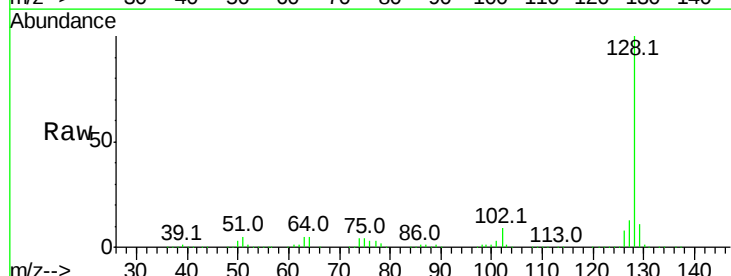


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

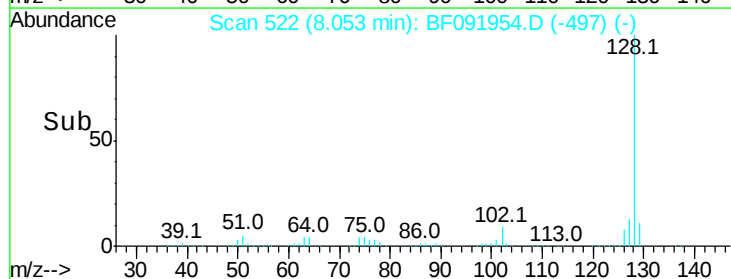
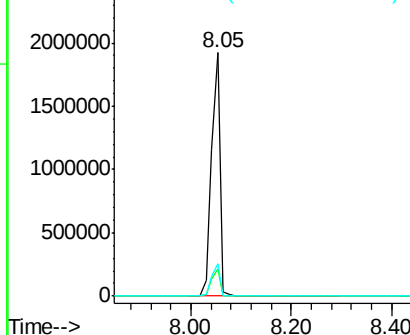


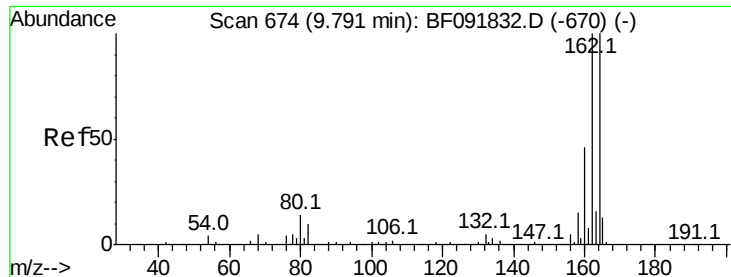
#31
Naphthalene
Concen: 45.71 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091954.D
Acq: 24 Dec 2016 6:28

Tgt Ion:128 Resp: 2254711
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

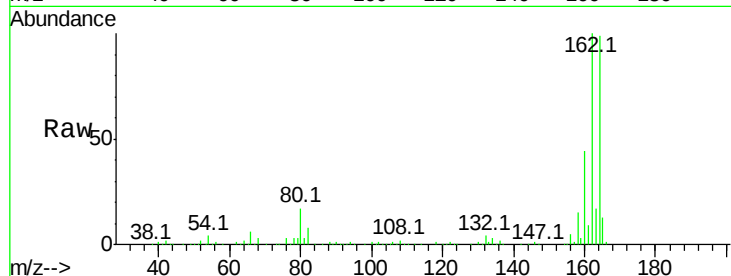




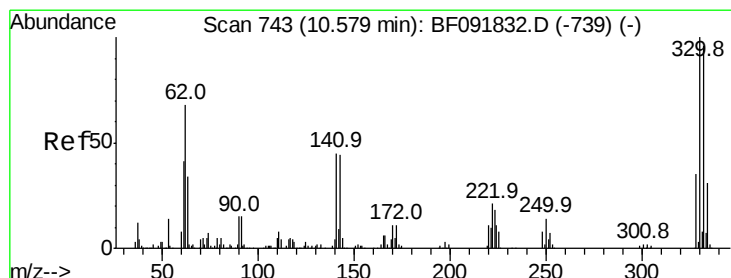
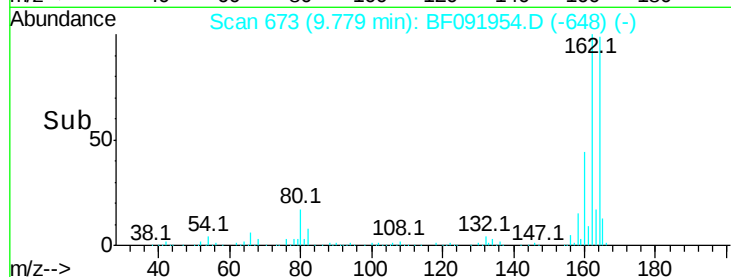
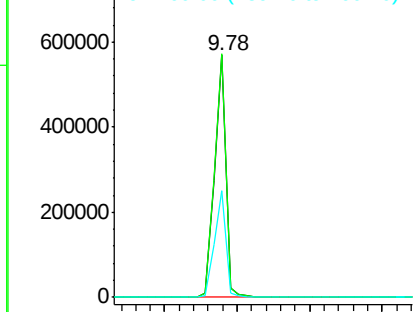
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091954.D
Acq: 24 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tot Ion:164 Resp: 612468
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.3 36.9 55.3

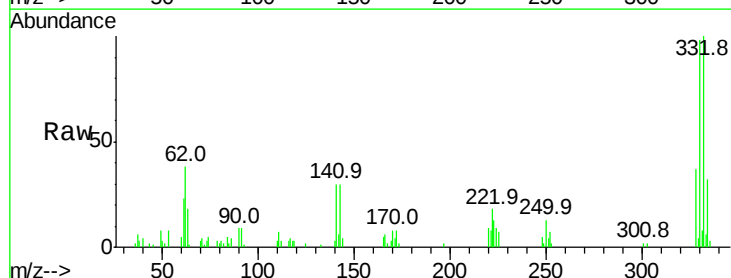


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

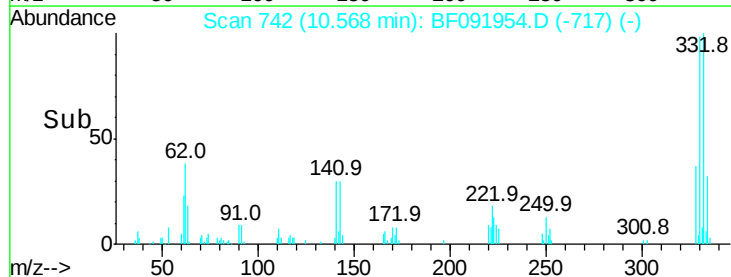
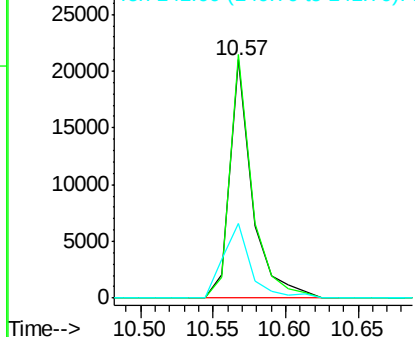


#41
2,4,6-Tribromophenol
Concen: 4.48 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091954.D
Acq: 24 Dec 2016 6:28

Tgt Ion:330 Resp: 22697
Ion Ratio Lower Upper
330 100
332 100.0 77.4 116.2
141 38.4 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

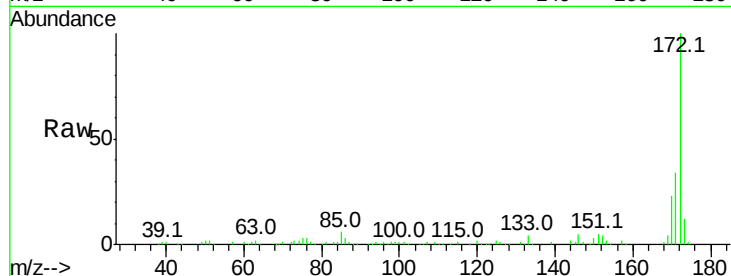




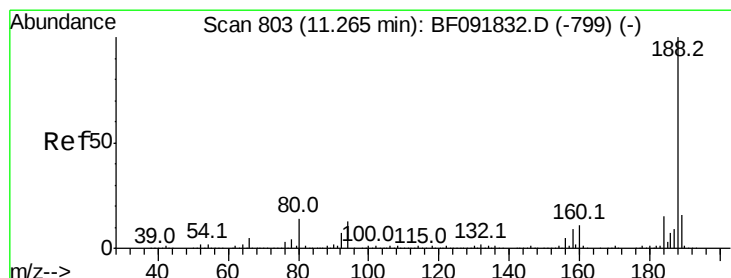
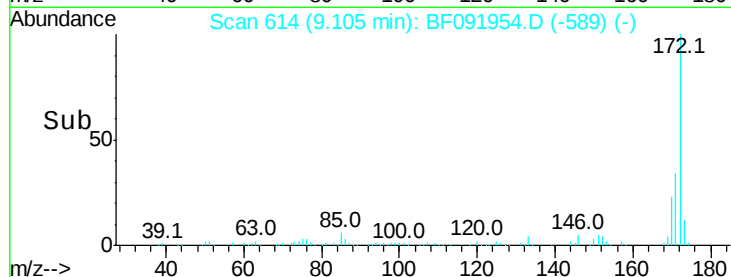
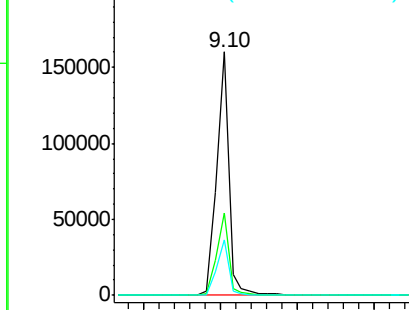
#44
 2-Fluorobiphenyl
 Concen: 5.52 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091954.D
 Acq: 24 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Tot Ion:172 Resp: 176034
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.4 44.0
 170 22.6 20.2 30.4

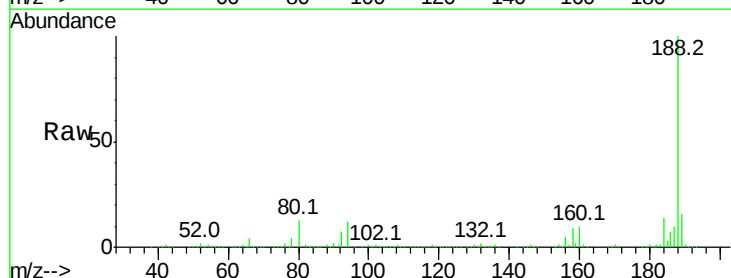


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

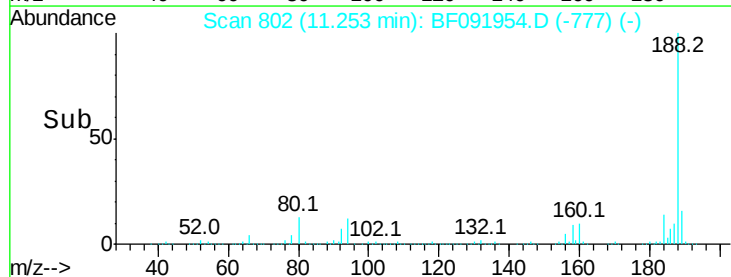
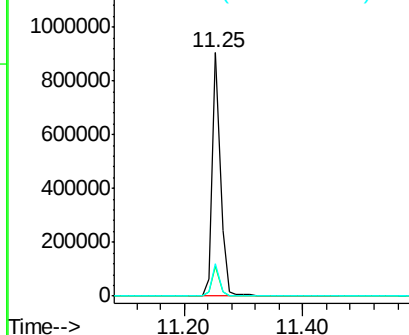


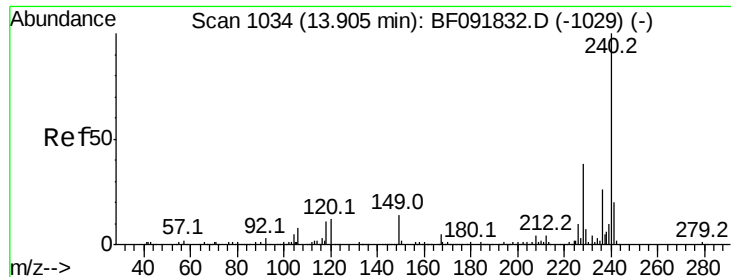
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091954.D
 Acq: 24 Dec 2016 6:28

Tgt Ion:188 Resp: 864849
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.0 15.0
 80 13.3 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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091954.D

Acq: 24 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

MW-8DL

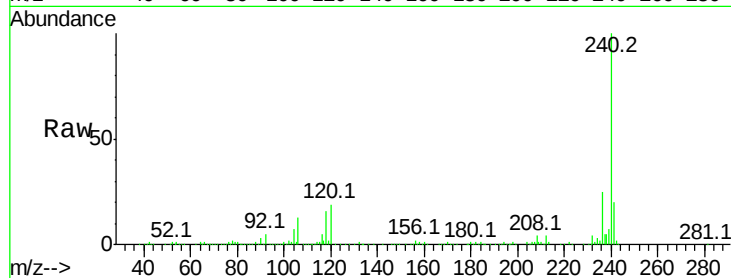
Tot Ion:240 Resp: 602366

Ion Ratio Lower Upper

240 100

120 18.6 12.9 19.3

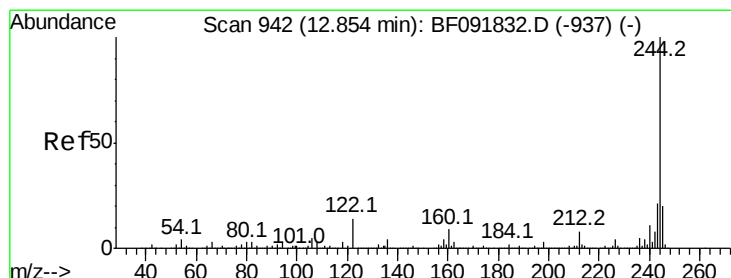
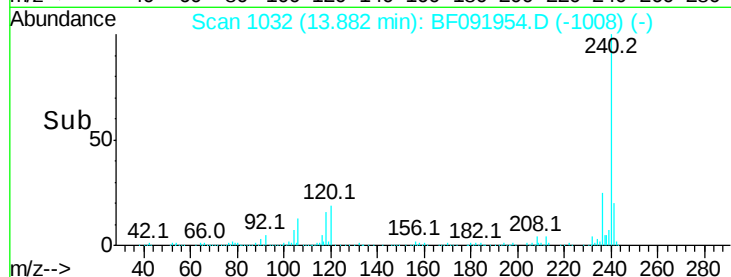
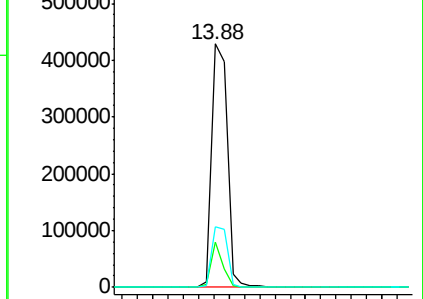
236 24.8 20.9 31.3



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: 4.27 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091954.D

Acq: 24 Dec 2016 6:28

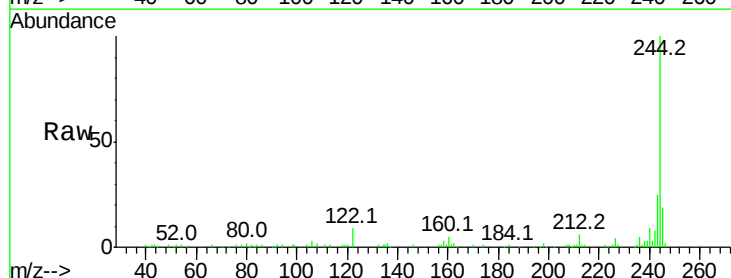
Tgt Ion:244 Resp: 105940

Ion Ratio Lower Upper

244 100

212 5.7 6.2 9.2#

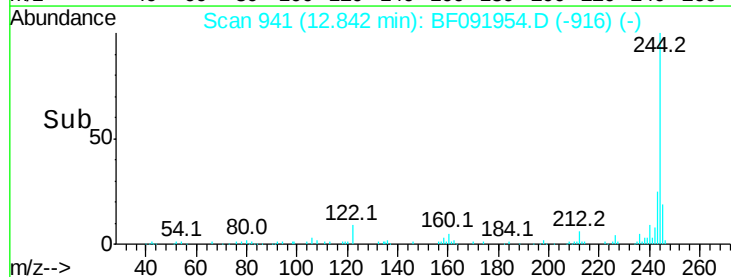
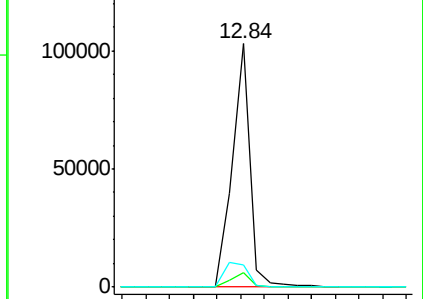
122 8.9 11.4 17.2#

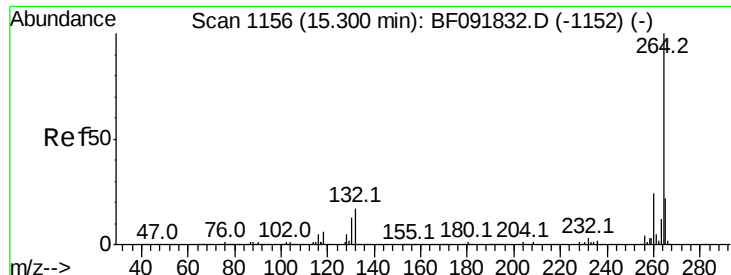


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

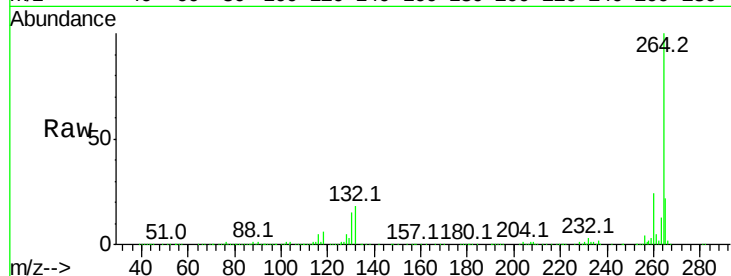




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091954.D
Acq: 24 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.4	26.0



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

