

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091492.D
 Acq On : 8 Dec 2016 1:49
 Operator : UM/SJ
 Sample : H5867-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

Quant Time: Dec 08 03:27:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150392	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	570673	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	283302	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	566310	20.00	ng	0.00
75) Chrysene-d12	13.98	240	355445	20.00	ng	0.00
86) Perylene-d12	15.40	264	127132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	858665	93.27	ng	0.01
7) Phenol-d6	6.47	99	927355	81.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	721422	70.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	338672	126.27	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1385368	88.54	ng	-0.01
78) Terphenyl-d14	12.94	244	1396399	85.39	ng	0.00

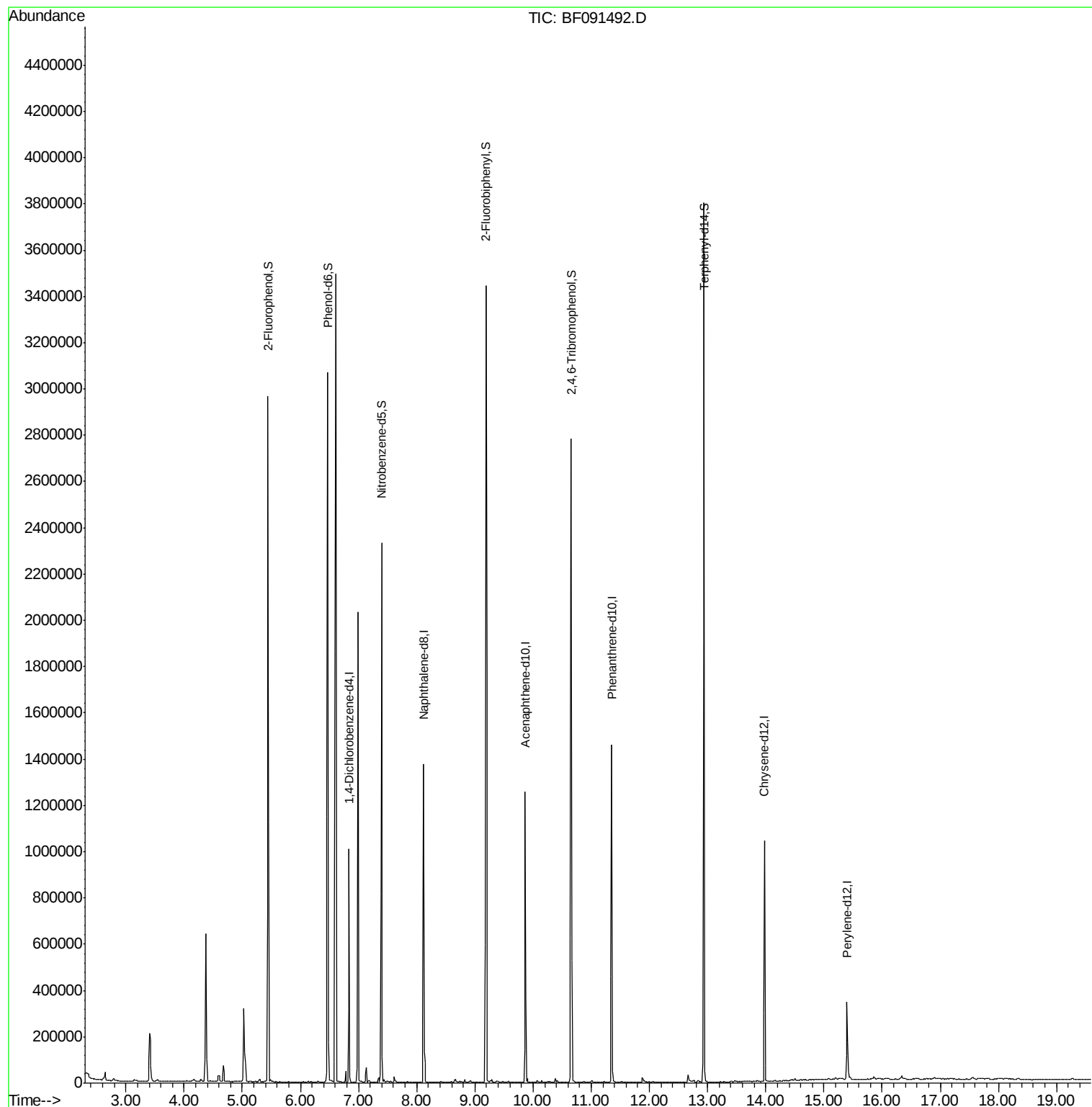
Target Compounds Qvalue

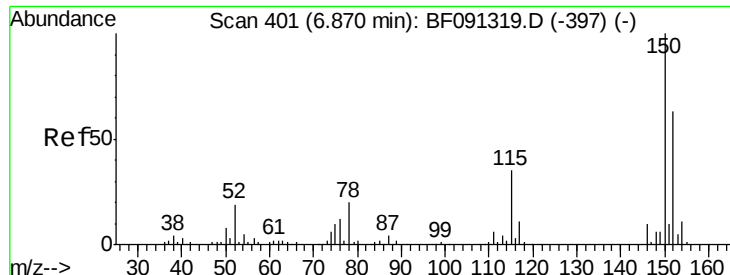
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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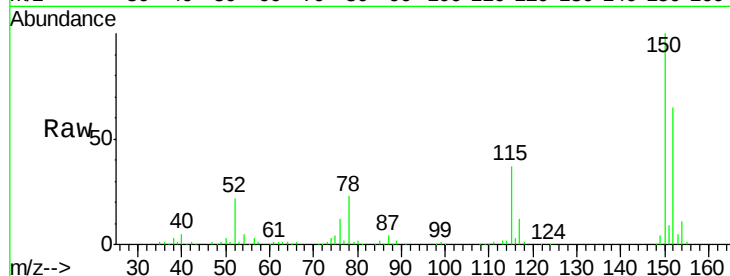




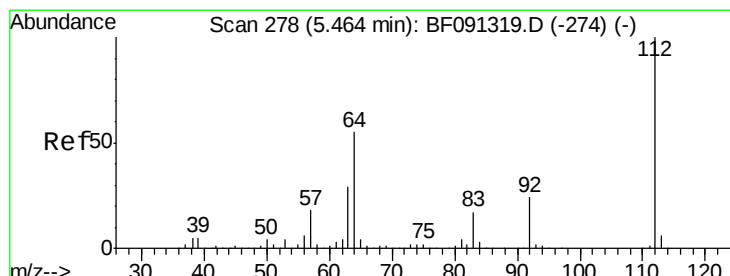
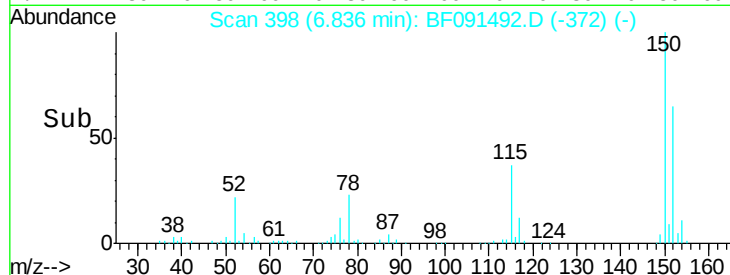
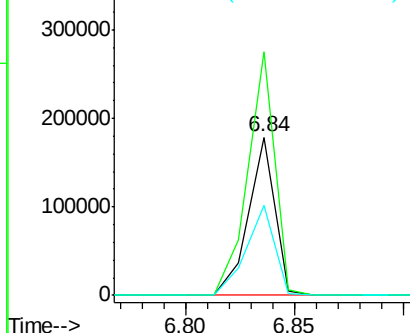
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

Tot Ion:152 Resp: 150392
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.5 183.7
 115 56.8 51.8 77.8

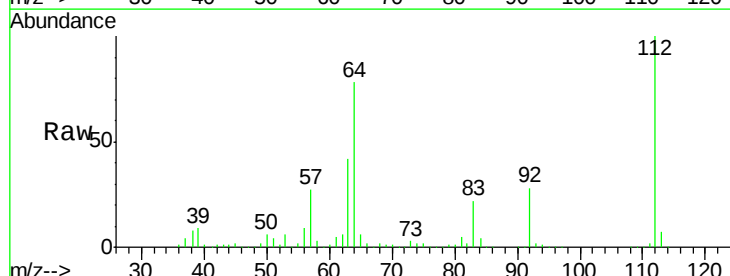


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

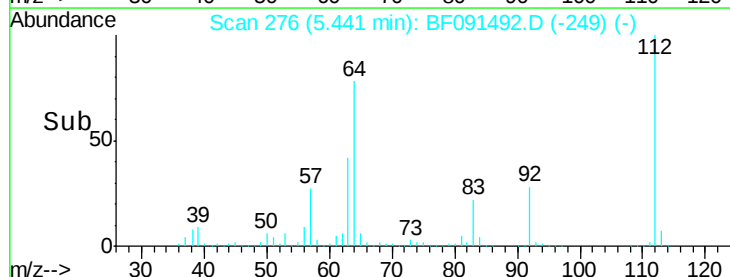
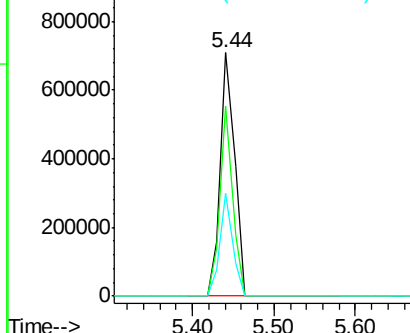


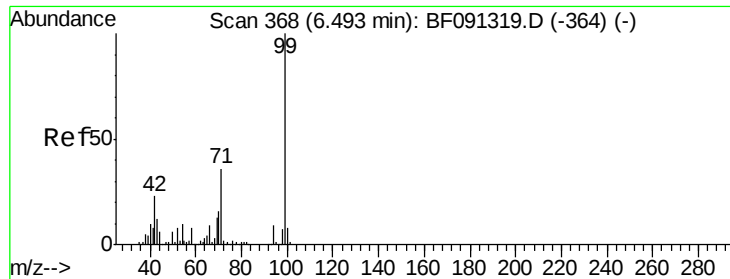
#5
 2-Fluorophenol
 Concen: 93.27 ng
 RT: 5.44 min Scan# 276
 Delta R.T. 0.01 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:112 Resp: 858665
 Ion Ratio Lower Upper
 112 100
 64 78.0 61.5 92.3
 63 42.2 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: 81.83 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-02

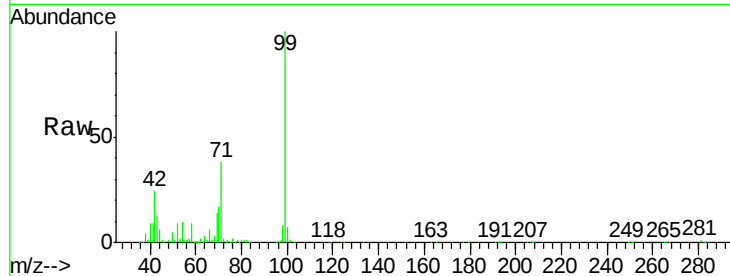
Tot Ion: 99 Resp: 927355

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

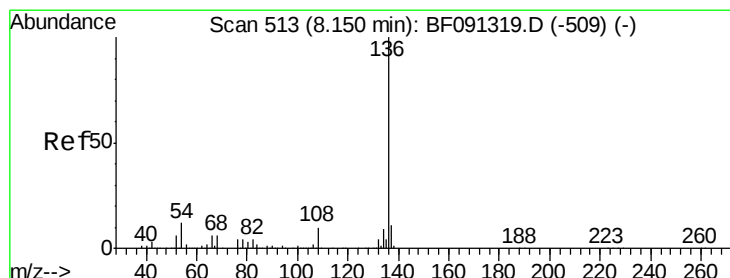
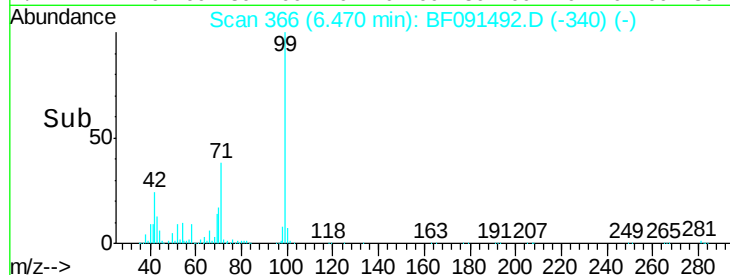
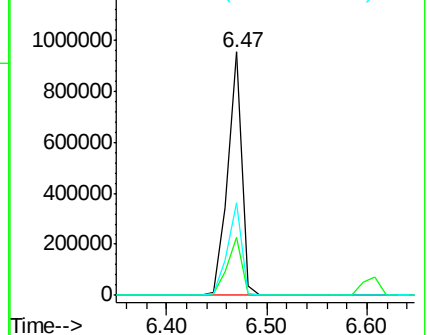
71 38.0 29.9 44.9



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: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

Tgt Ion: 136 Resp: 570673

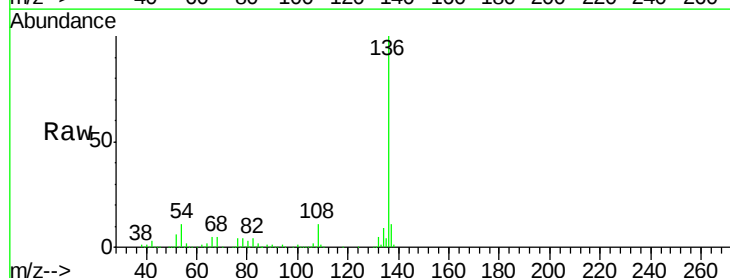
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 11.1 9.1 13.7

68 5.1 5.9 8.9#

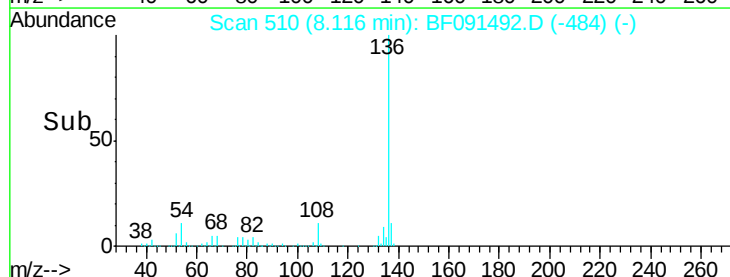
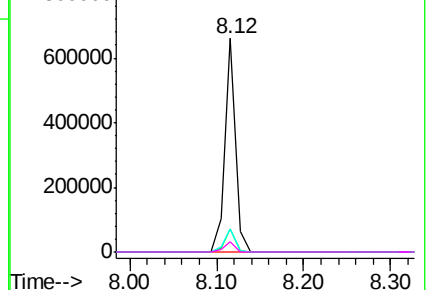


Abundance Ion 136.00 (135.70 to 136.70): E

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

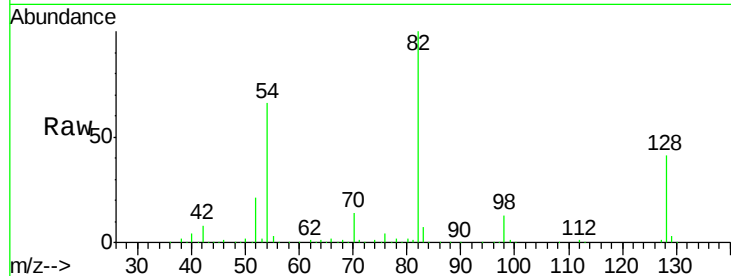




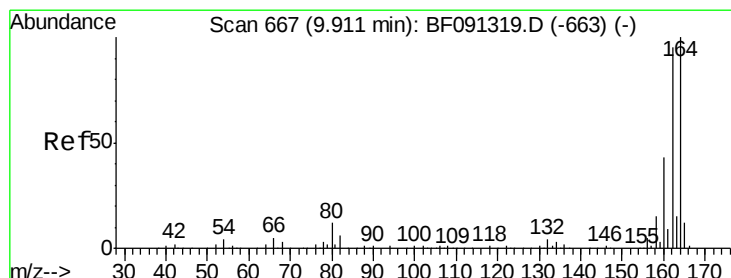
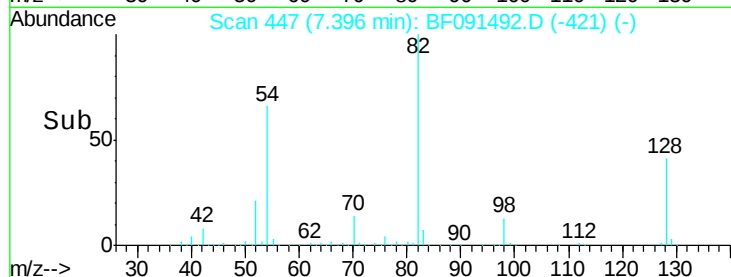
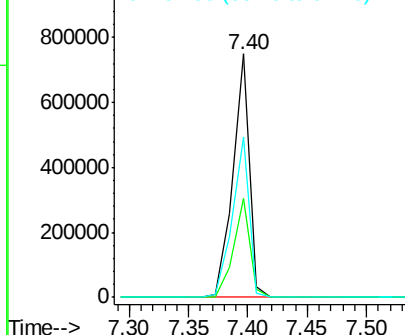
#23
 Nitrobenzene-d5
 Concen: 70.84 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

Tot Ion: 82 Resp: 721422
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.6
 54 66.1 49.1 73.7

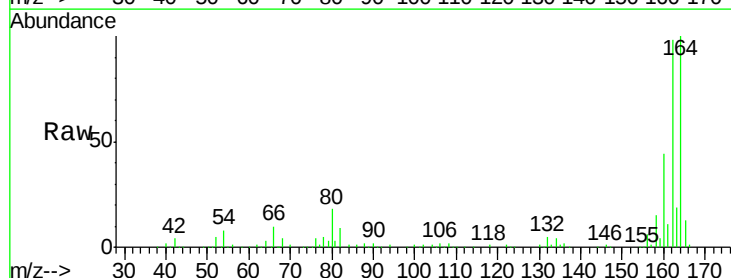


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

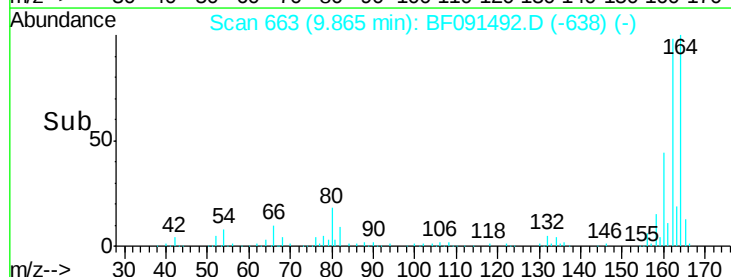
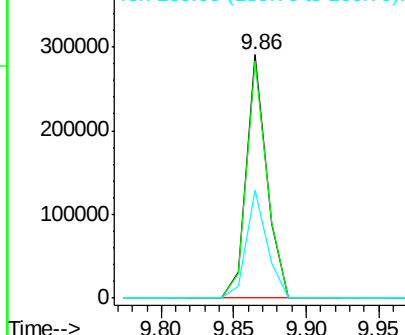


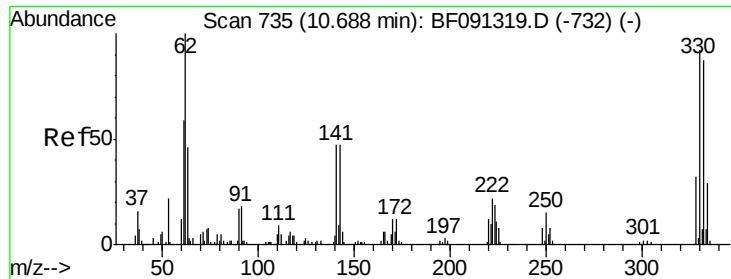
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion: 164 Resp: 283302
 Ion Ratio Lower Upper
 164 100
 162 97.5 82.6 124.0
 160 44.2 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

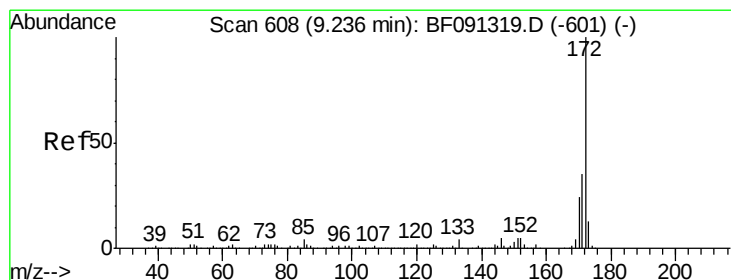
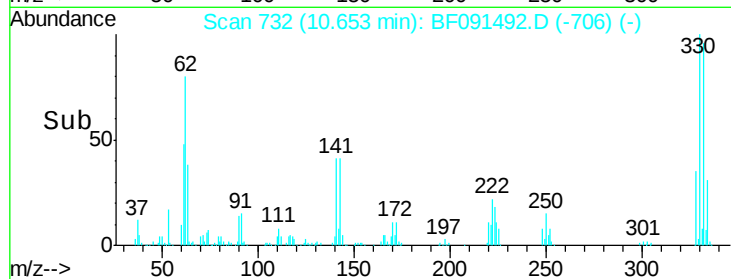
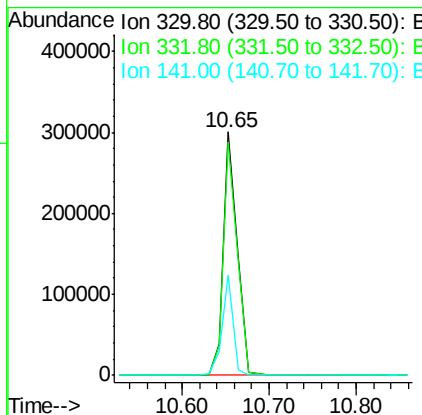
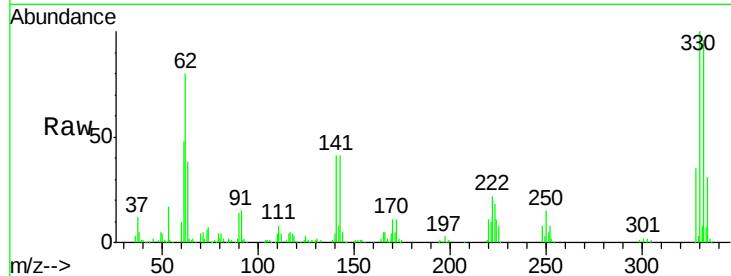




#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

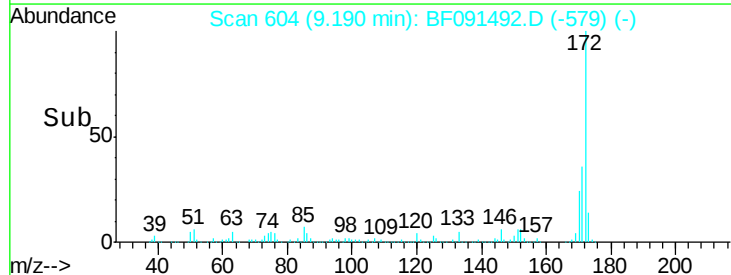
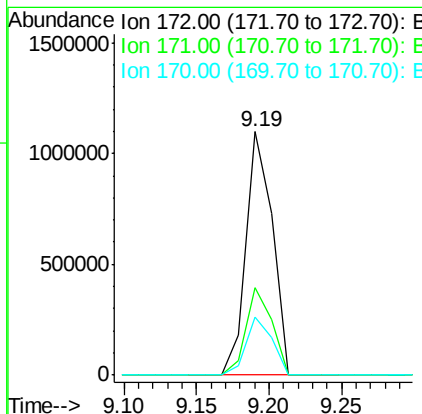
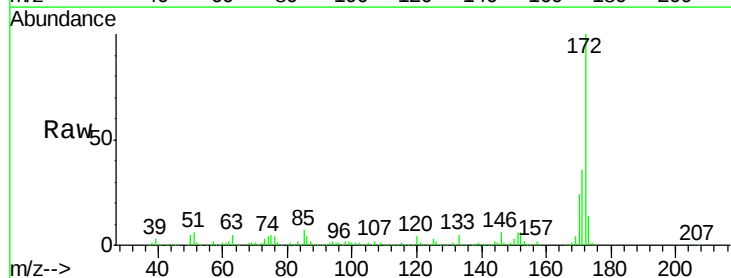
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

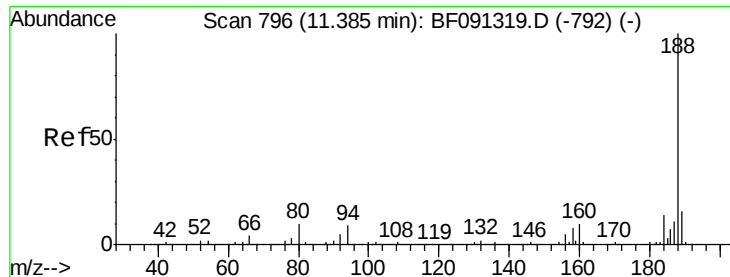
Tot Ion:330 Resp: 338672
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 32.6 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:172 Resp: 1385368
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 19.7 29.5

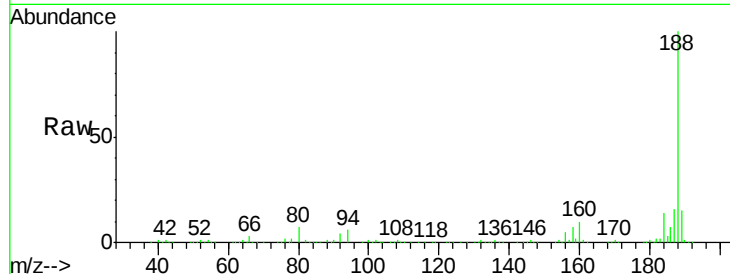




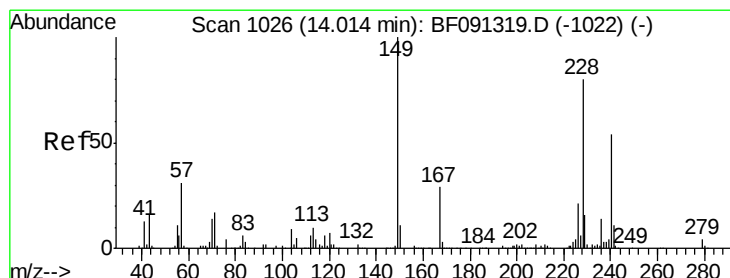
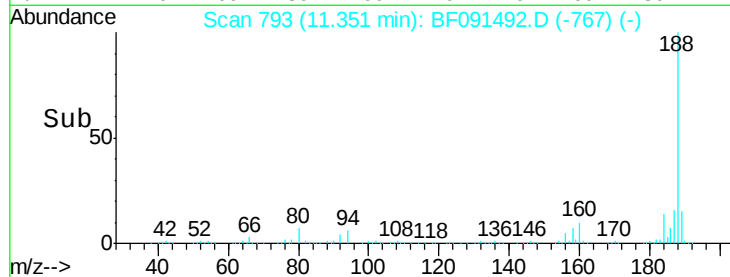
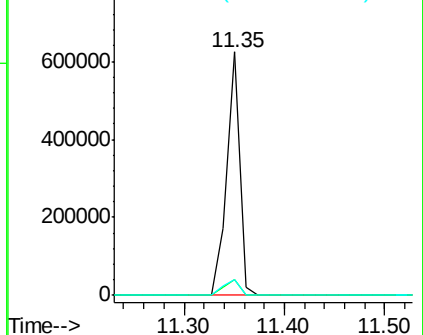
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-02

Tot Ion:188 Resp: 566310
Ion Ratio Lower Upper
188 100
94 6.4 9.2 13.8#
80 6.7 10.5 15.7#

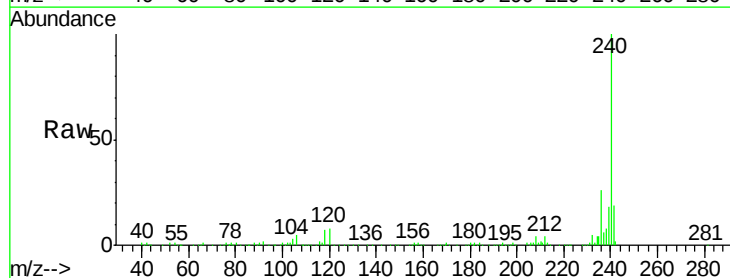


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

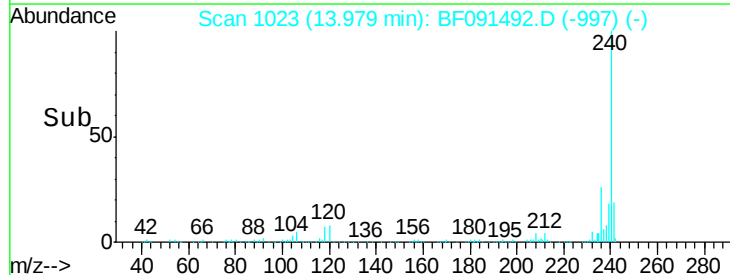
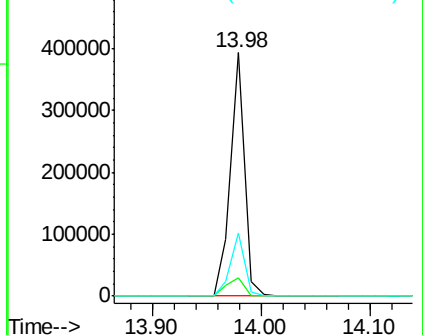


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

Tgt Ion:240 Resp: 355445
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 26.1 21.0 31.6



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

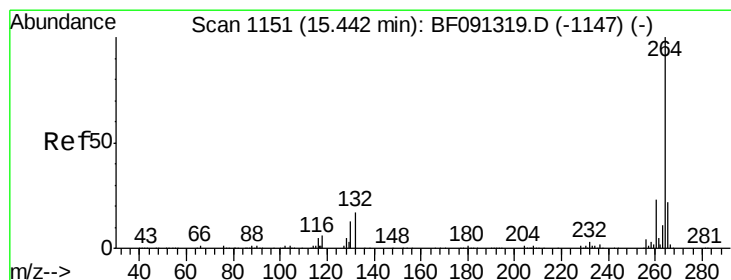
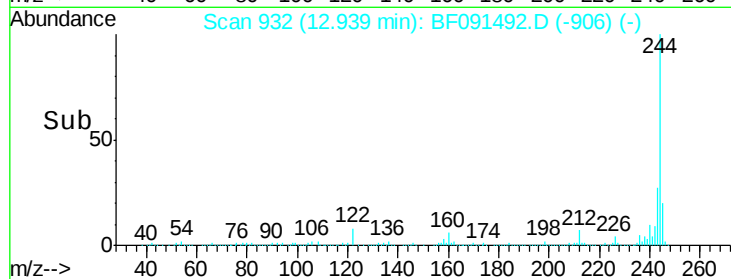
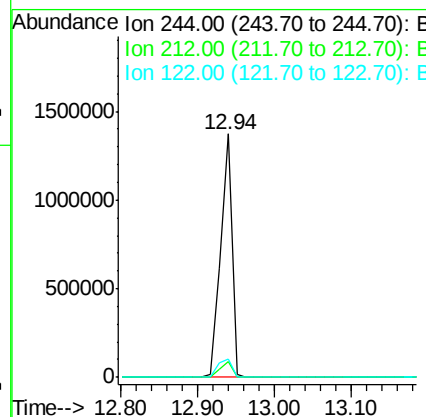
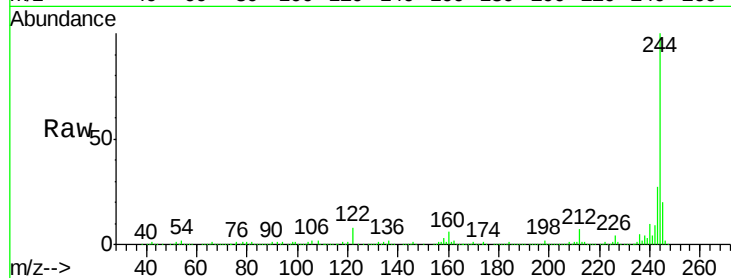




#78
 Terphenyl-d14
 Concen: 85.39 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

Tot Ion:244 Resp: 1396399
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 7.5 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:264 Resp: 127132
 Ion Ratio Lower Upper
 264 100
 260 26.4 18.8 28.2
 265 19.9 17.0 25.6

