

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089520.D
 Acq On : 1 Aug 2016 19:56
 Operator : UM/SJ
 Sample : H4251-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Aug 02 03:23:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

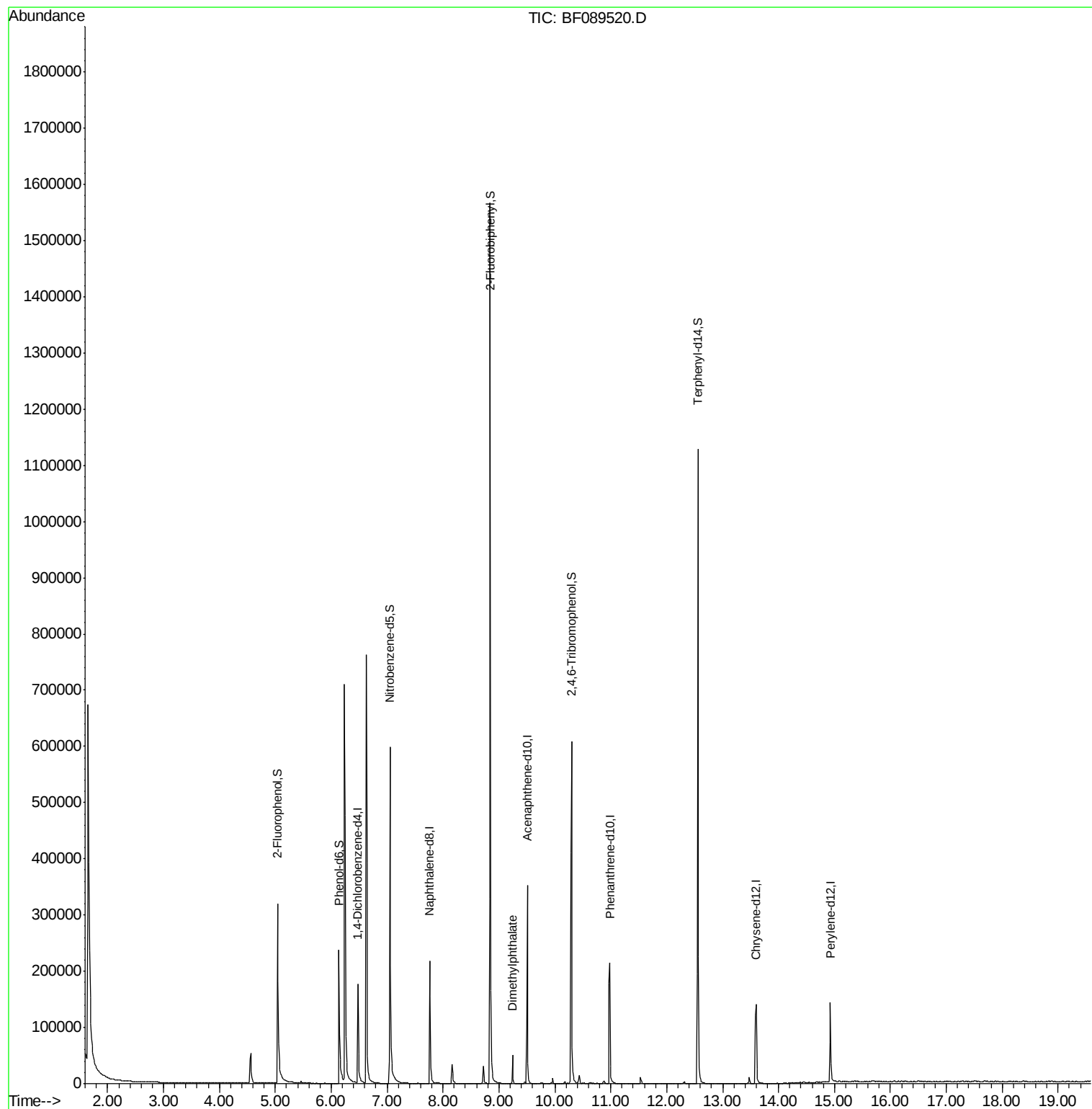
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	36959	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	156305	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	73249	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	133449	20.00	ng	0.00
75) Chrysene-d12	13.60	240	78193	20.00	ng	-0.01
86) Perylene-d12	14.93	264	68985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	151956	65.65	ng	0.00
7) Phenol-d6	6.14	99	129923	42.47	ng	-0.01
23) Nitrobenzene-d5	7.05	82	265187	100.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	87324	143.94	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	499599	100.10	ng	-0.01
78) Terphenyl-d14	12.56	244	354640	106.15	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.24	163	21930	3.93	ng	Qvalue 98

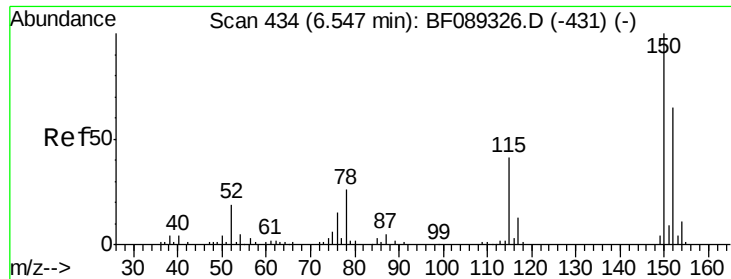
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

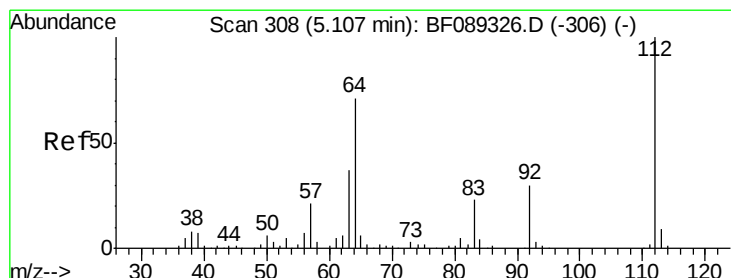
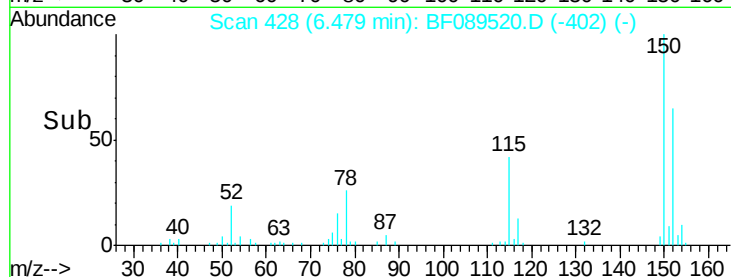
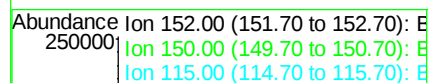
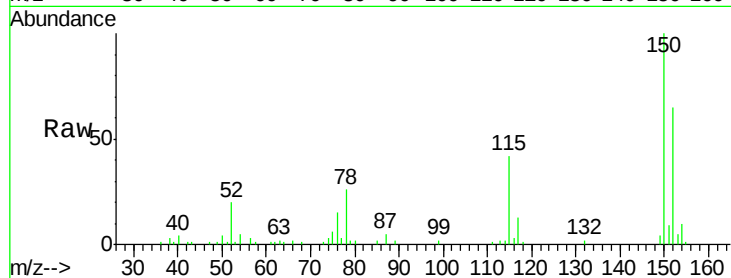
Tot Ion:152 Resp: 36959

Ion Ratio Lower Upper

152 100

150 154.7 129.5 194.3

115 65.3 51.4 77.2



#5

2-Fluorophenol

Concen: 65.65 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.00 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

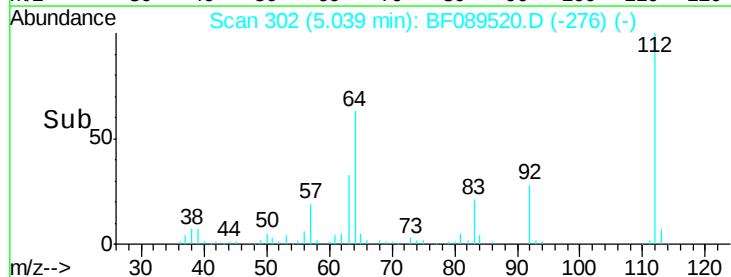
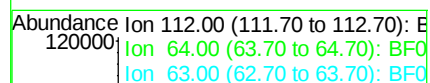
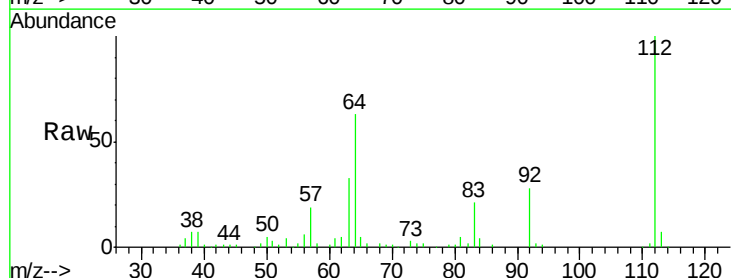
Tgt Ion:112 Resp: 151956

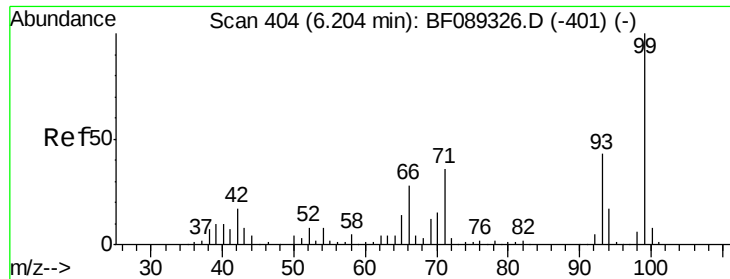
Ion Ratio Lower Upper

112 100

64 63.1 55.0 82.6

63 33.5 29.4 44.2





#7

Phenol-d6

Concen: 42.47 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

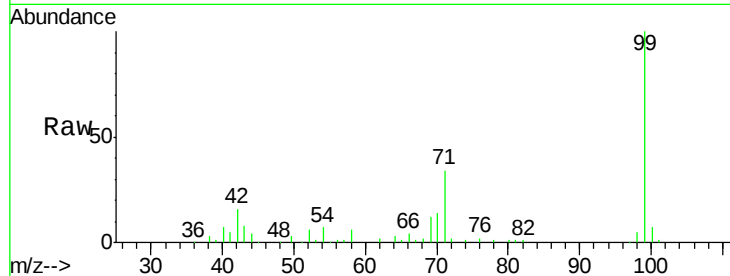
Tot Ion: 99 Resp: 129923

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

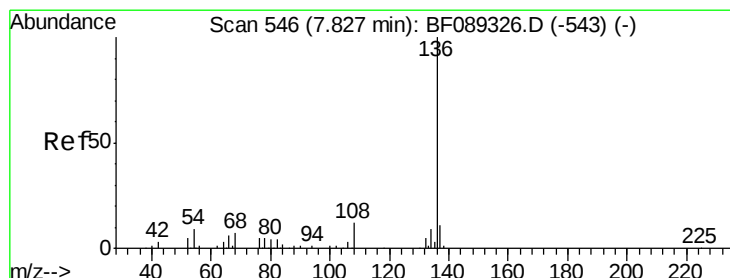
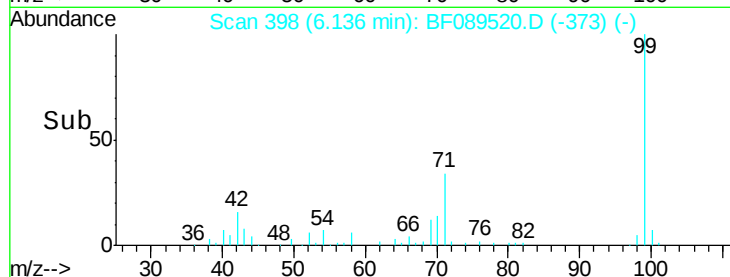
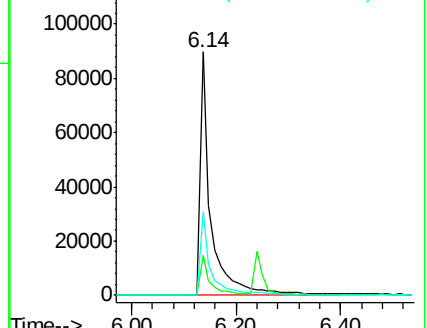
71 34.4 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Tgt Ion: 136 Resp: 156305

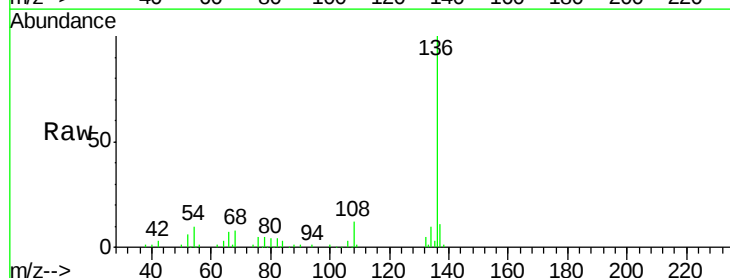
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.2 7.0 10.4

68 7.6 4.9 7.3#

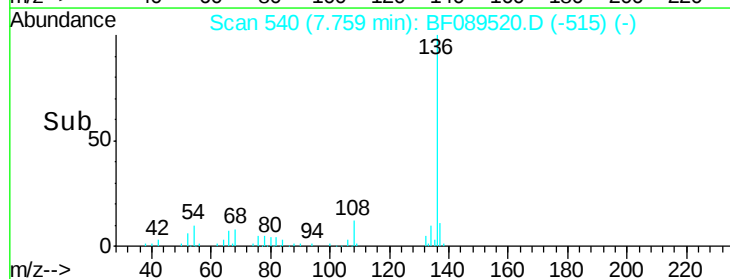
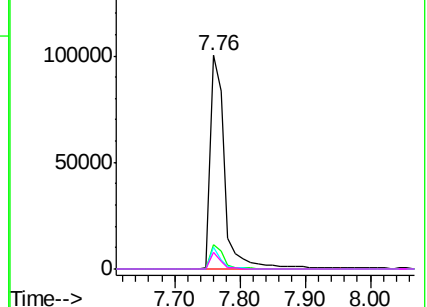


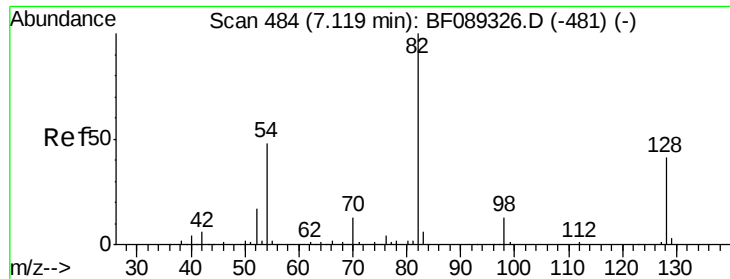
Abundance Ion 136.00 (135.70 to 136.70): E

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

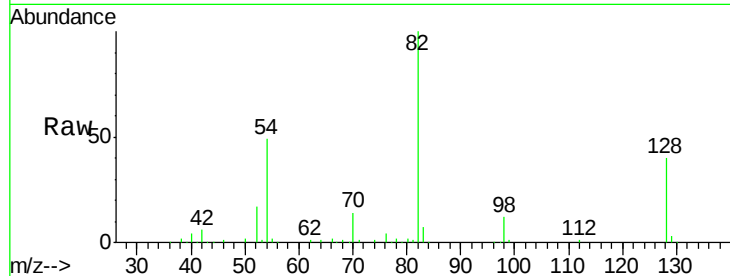




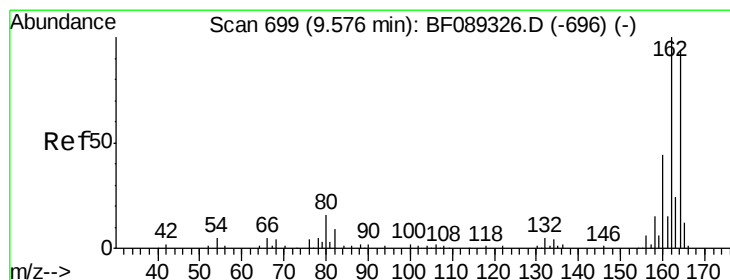
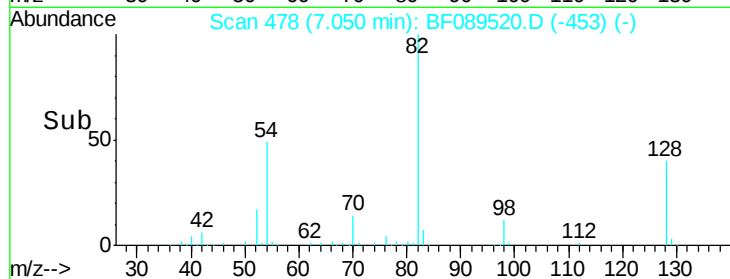
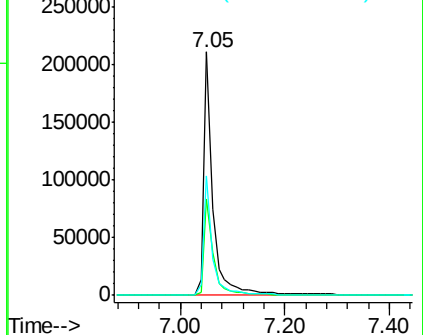
#23
 Nitrobenzene-d5
 Concen: 100.14 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampled :
 MW-05

Tot Ion: 82 Resp: 265187
 Ion Ratio Lower Upper
 82 100
 128 39.7 32.5 48.7
 54 49.0 38.8 58.2

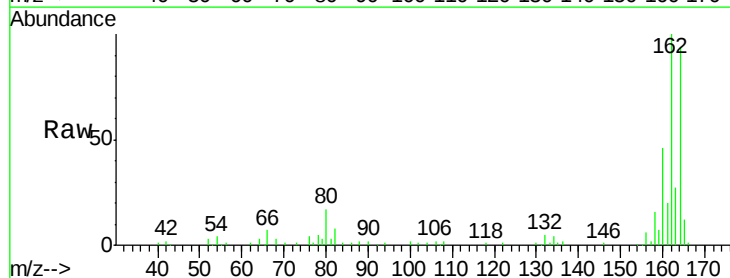


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

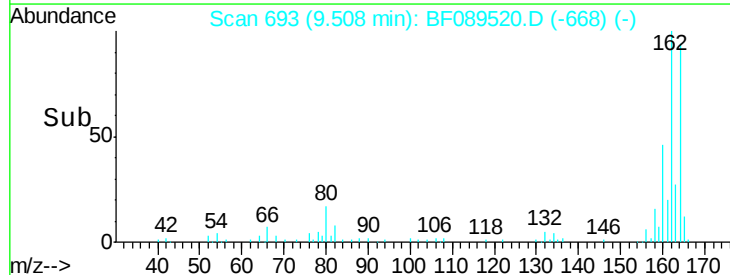
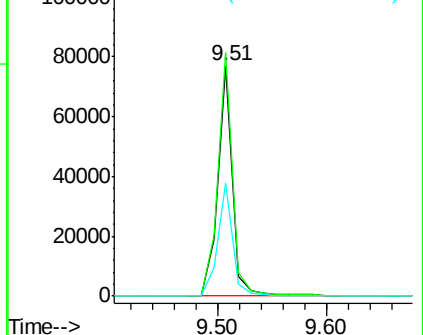


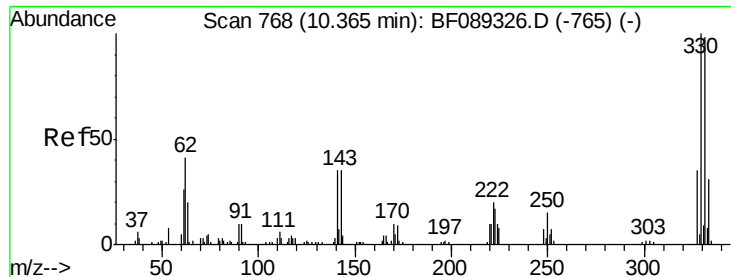
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Tgt Ion: 164 Resp: 73249
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.7 125.5
 160 49.0 37.8 56.6



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

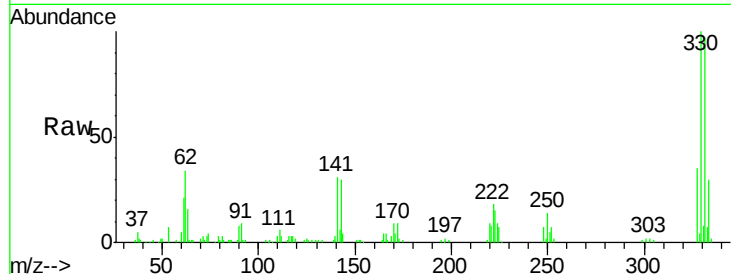




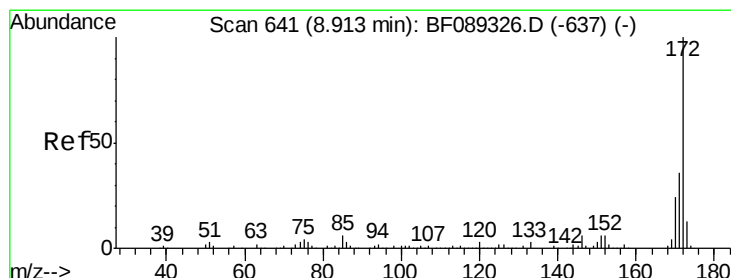
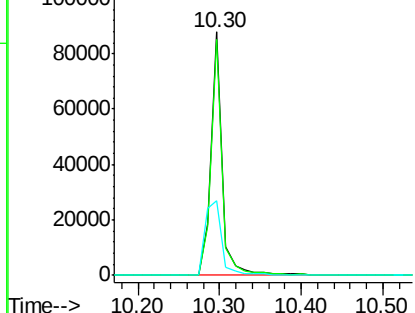
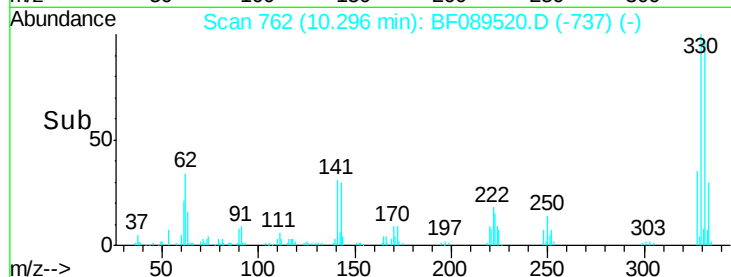
#41
 2,4,6-Tribromophenol
 Concen: 143.94 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	45.6	37.3	55.9

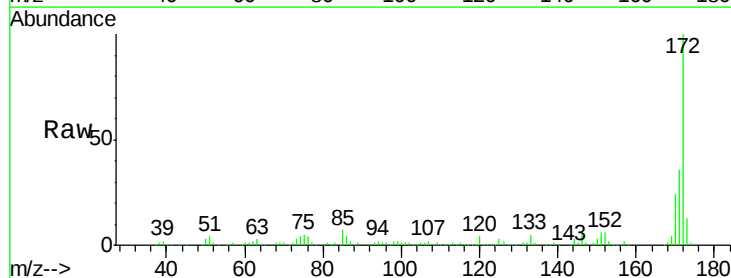


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

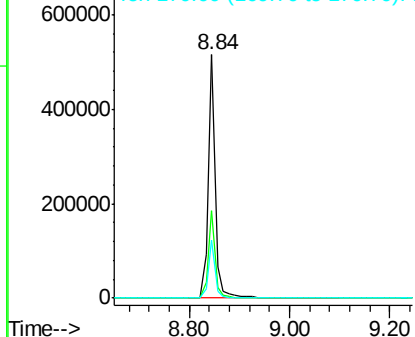
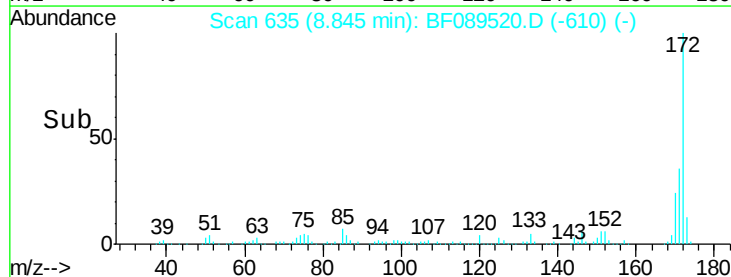


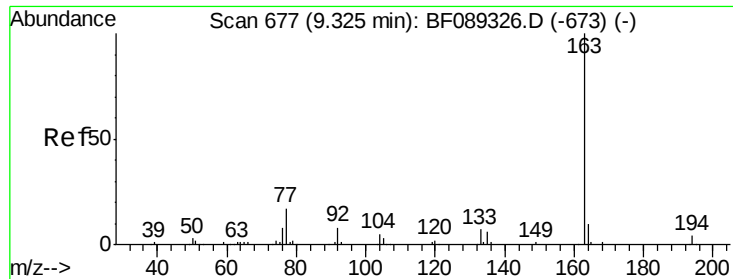
#44
 2-Fluorobiphenyl
 Concen: 100.10 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.7	19.2	28.8



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

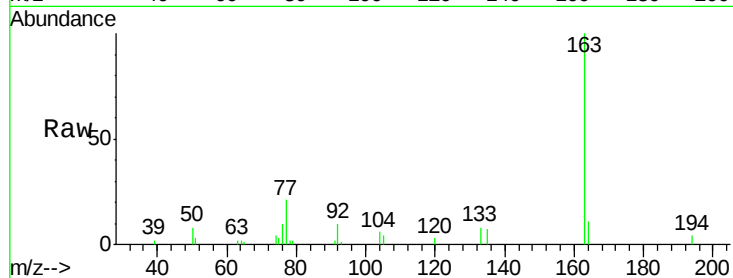




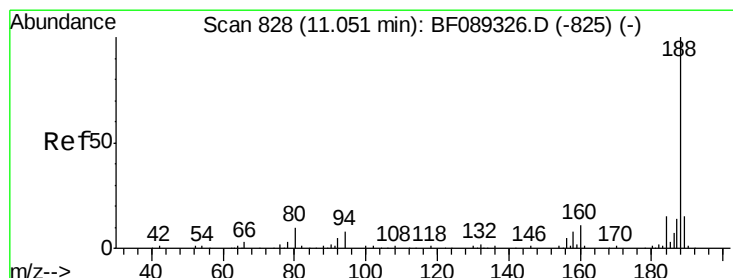
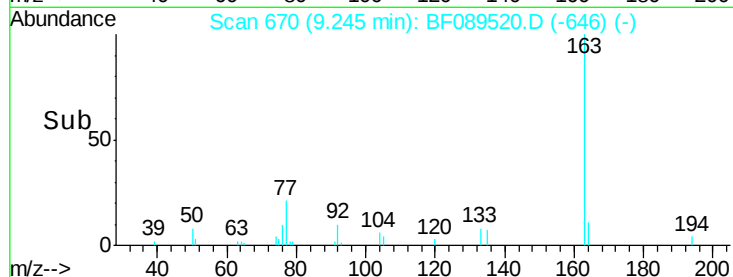
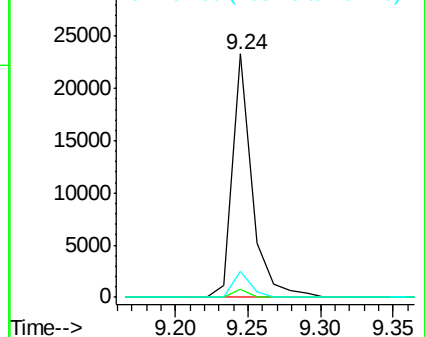
#49
Dimethylphthalate
Concen: 3.93 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:163 Resp: 21930
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.8 7.8 11.8

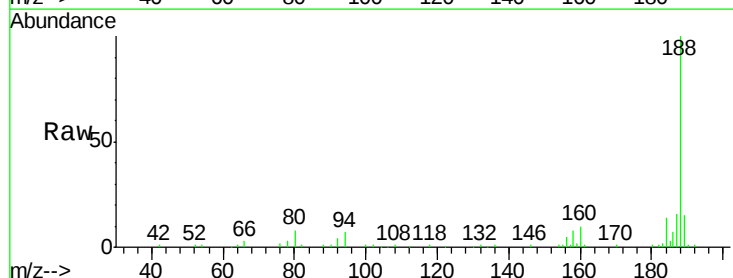


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

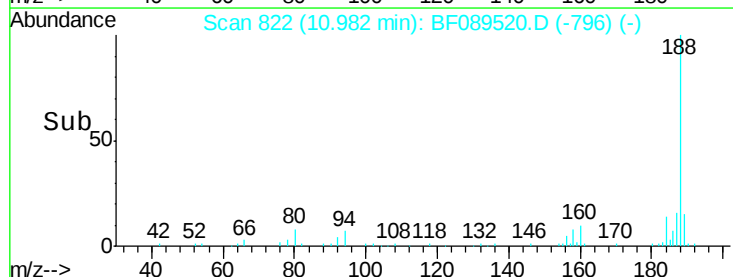
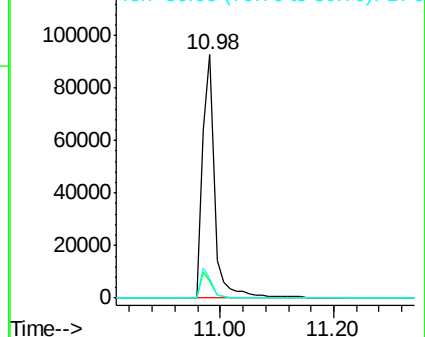


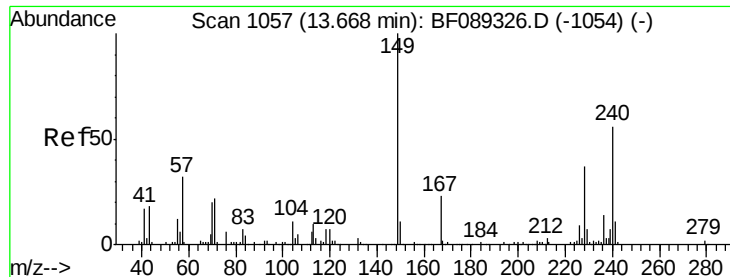
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Tgt Ion:188 Resp: 133449
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.9 7.2 10.8



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: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

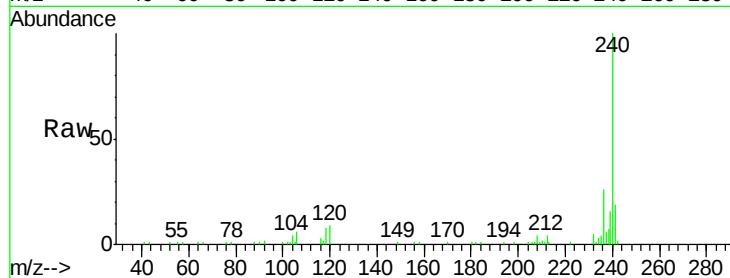
Tot Ion:240 Resp: 78193

Ion Ratio Lower Upper

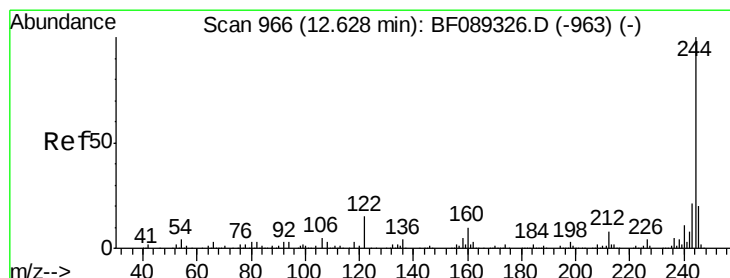
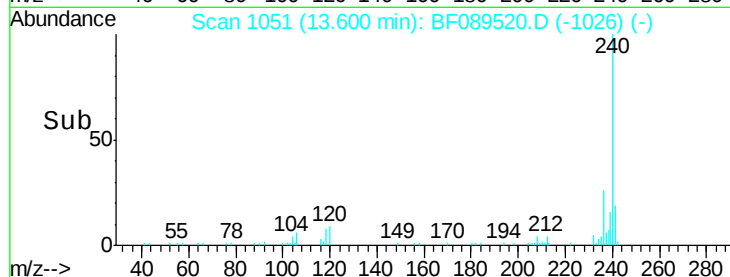
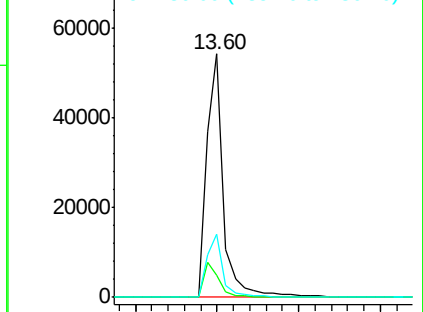
240 100

120 9.3 9.1 13.7

236 25.7 20.6 30.8



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: 106.15 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

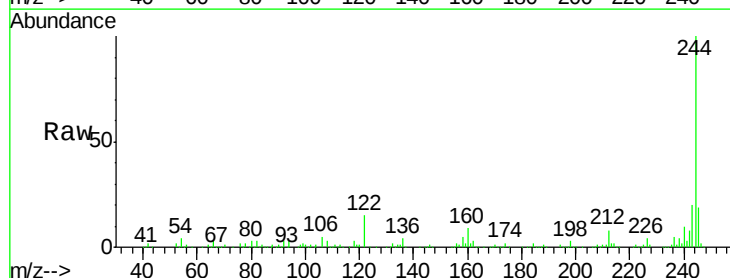
Tgt Ion:244 Resp: 354640

Ion Ratio Lower Upper

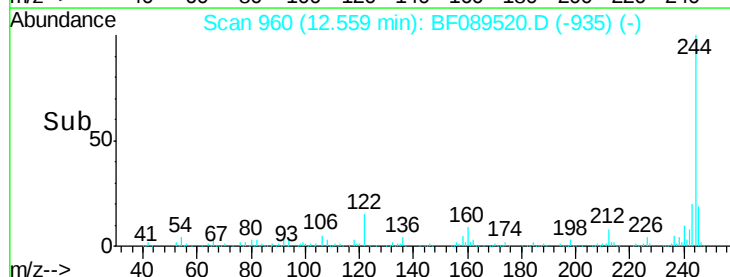
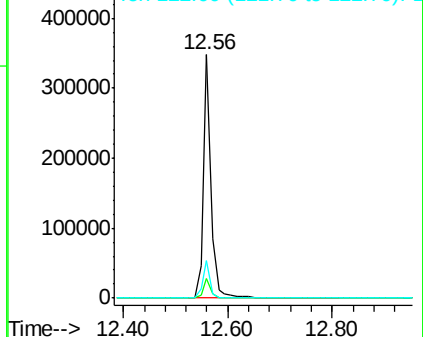
244 100

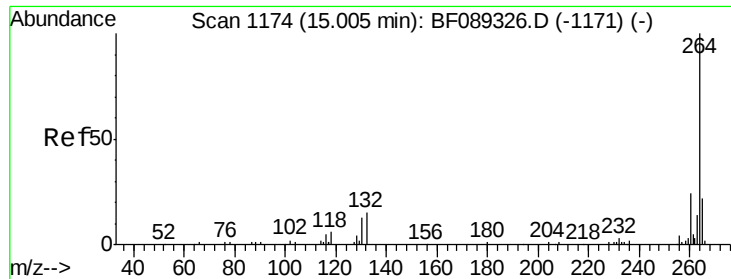
212 8.1 6.5 9.7

122 15.2 11.4 17.0



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

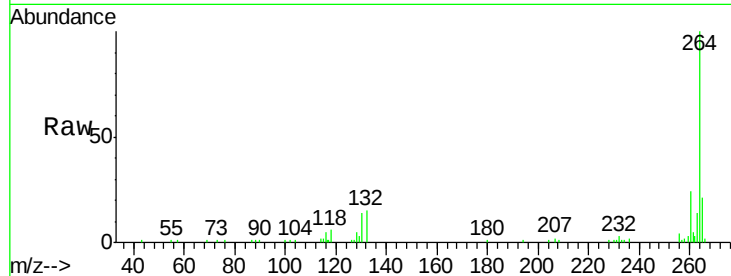




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion: 264 Resp: 68985
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.1 17.5 26.3



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

