

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087012.D
 Acq On : 14 May 2016 11:22
 Operator : UM/SJ
 Sample : H2947-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: May 16 01:47:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

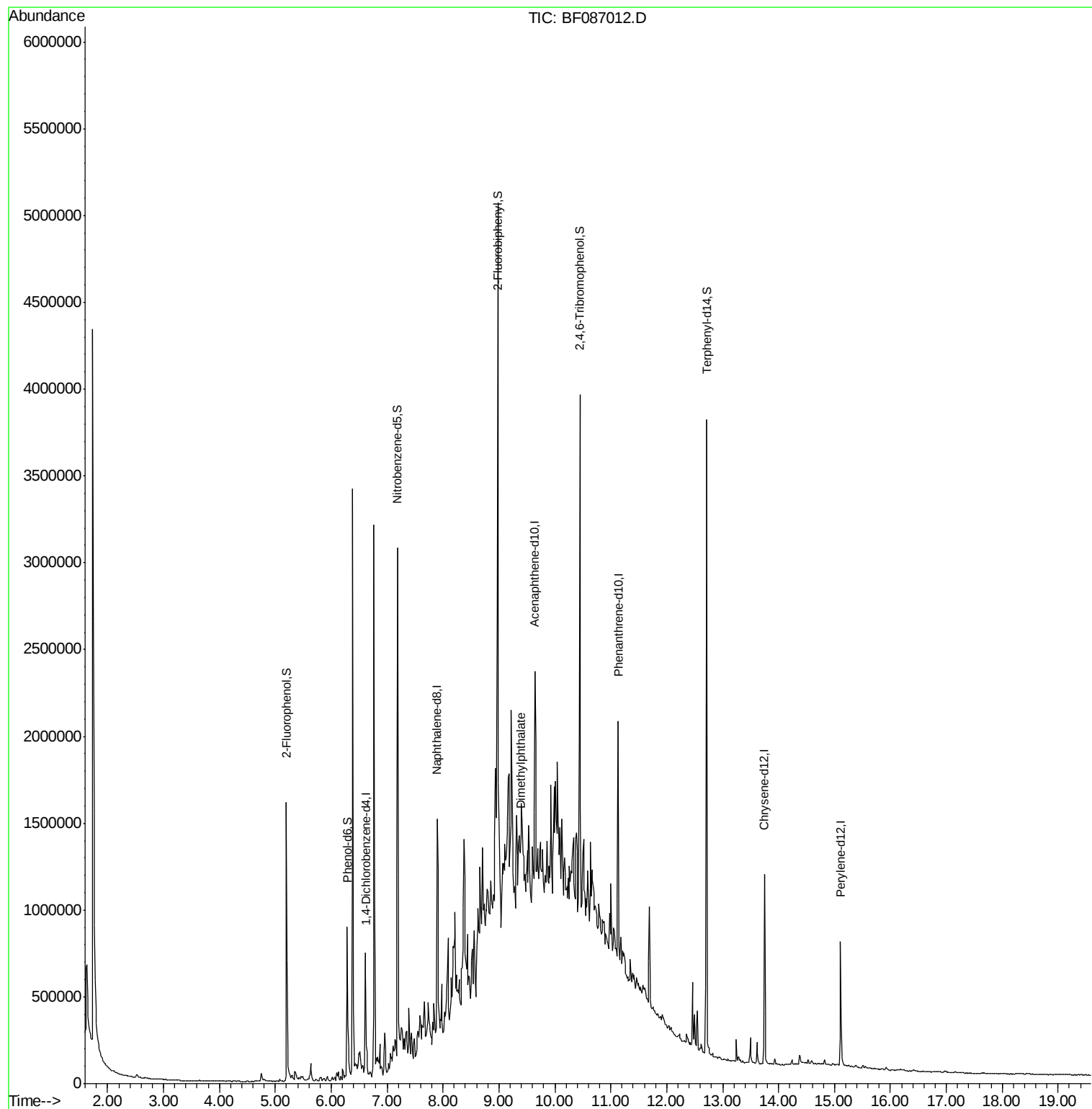
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	129761	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	505247	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	236406	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	472169	20.00	ng	0.00
75) Chrysene-d12	13.75	240	358560	20.00	ng	-0.01
86) Perylene-d12	15.11	264	293909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	468513	61.15	ng	0.00
7) Phenol-d6	6.28	99	408545	39.90	ng	0.00
23) Nitrobenzene-d5	7.19	82	933262	92.75	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	331578	132.49	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1364694	97.02	ng	0.00
78) Terphenyl-d14	12.72	244	1547160	91.55	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.38	163	45507	2.52	ng	Qvalue # 59

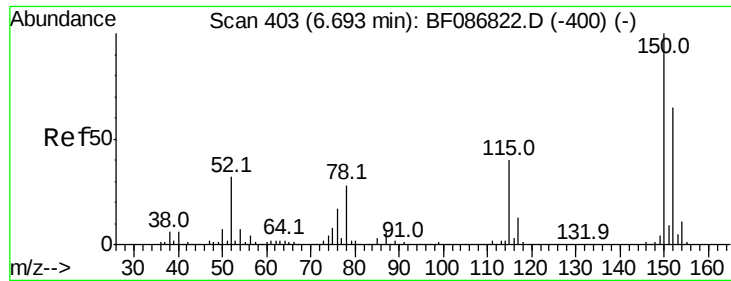
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 16 01:11:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

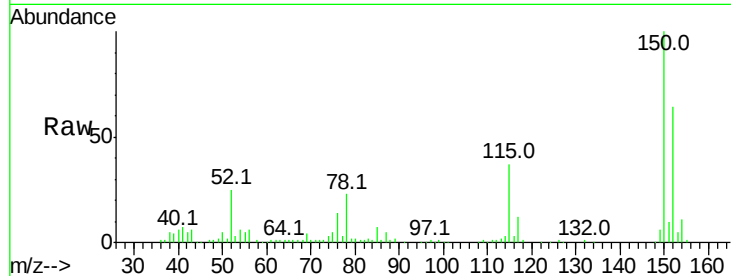
Tot Ion:152 Resp: 129761

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

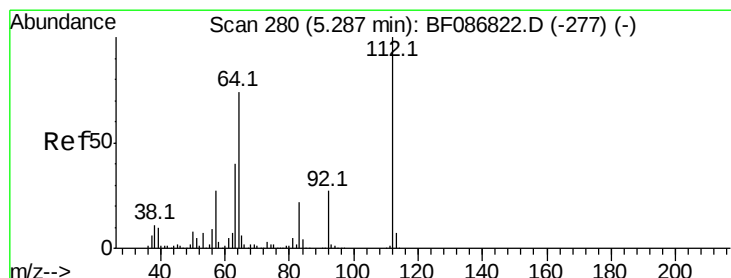
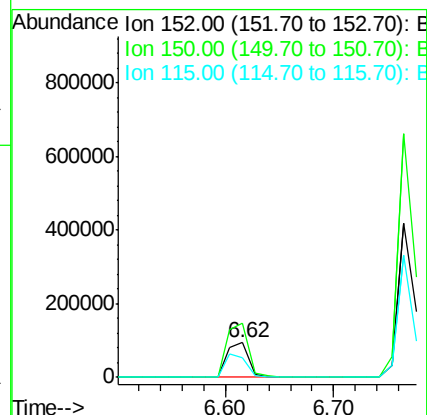
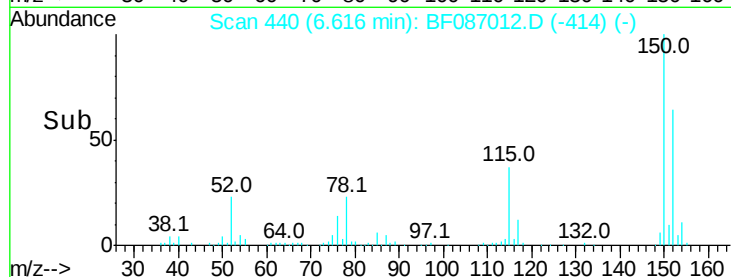
115 57.3 51.5 77.3



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: 61.15 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

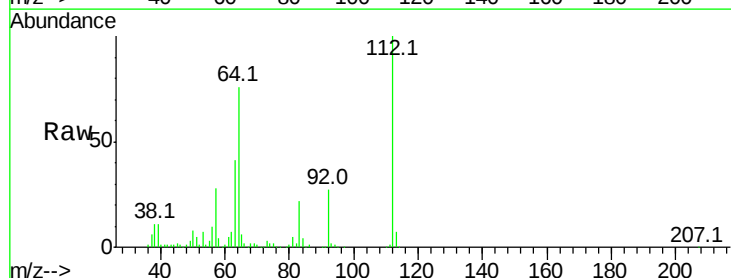
Tgt Ion:112 Resp: 468513

Ion Ratio Lower Upper

112 100

64 75.9 52.1 78.1

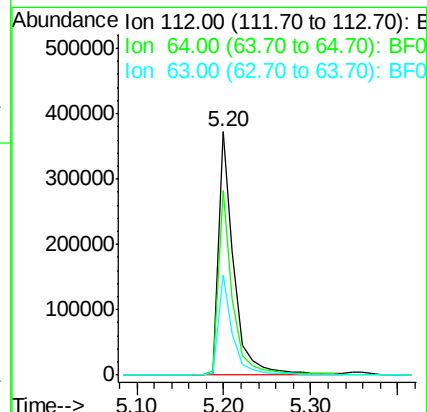
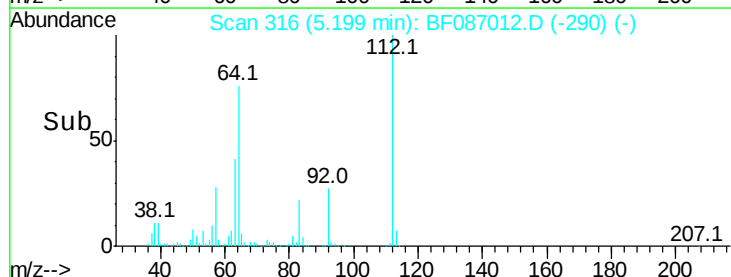
63 41.3 25.7 38.5#

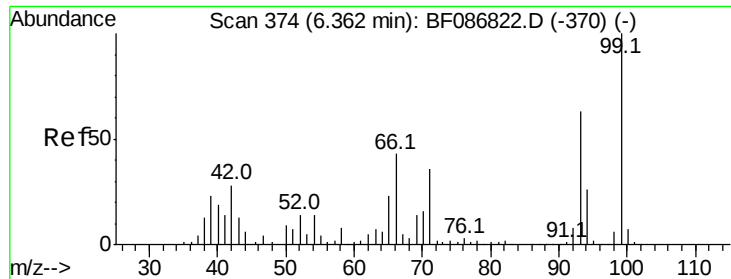


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.90 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

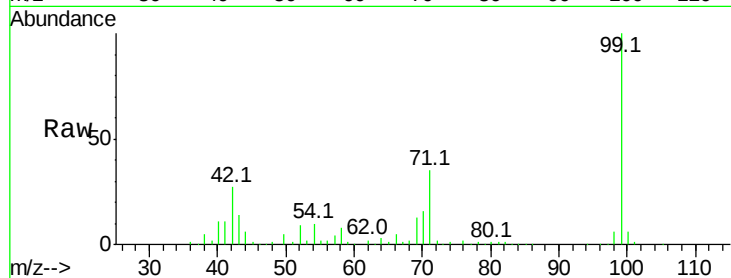
Tot Ion: 99 Resp: 408545

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

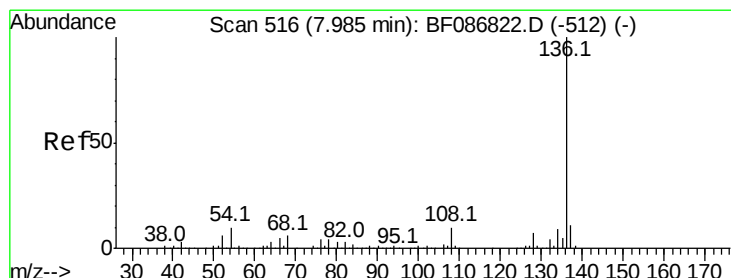
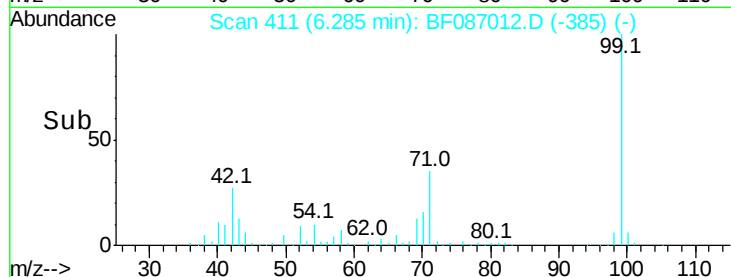
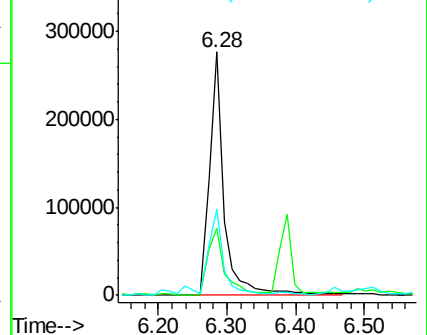
71 35.4 24.6 36.8



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Tgt Ion: 136 Resp: 505247

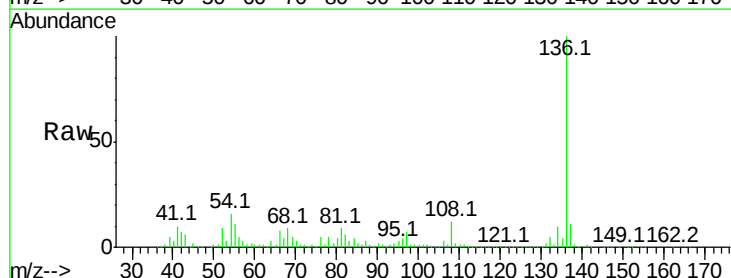
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 15.7 5.0 7.4#

68 8.8 4.4 6.6#

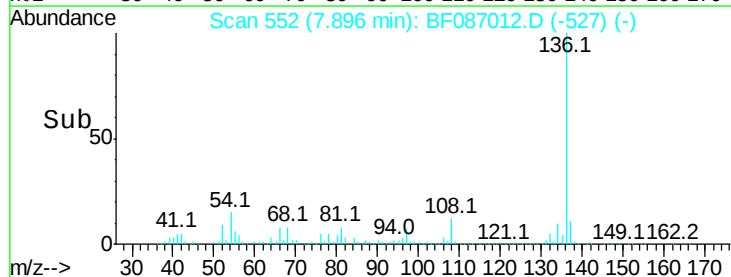
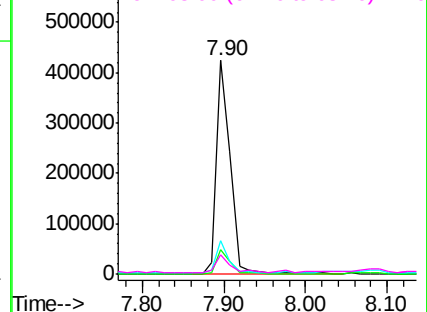


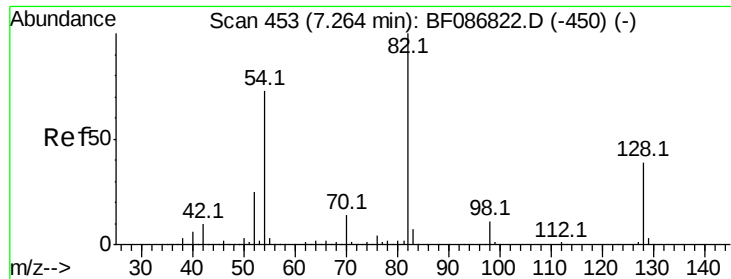
Abundance Ion 136.00 (135.70 to 136.70): E

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

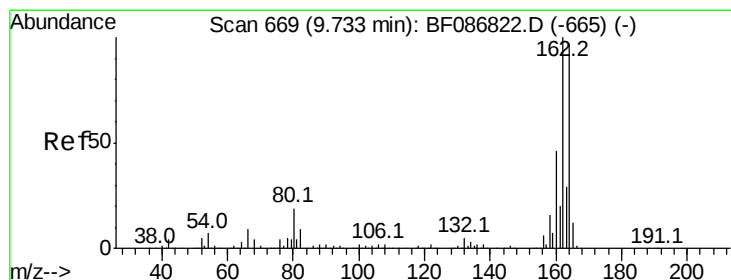
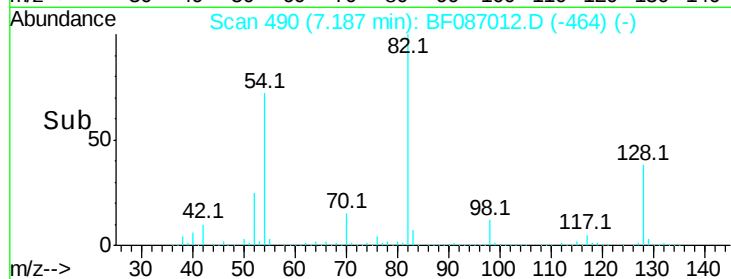
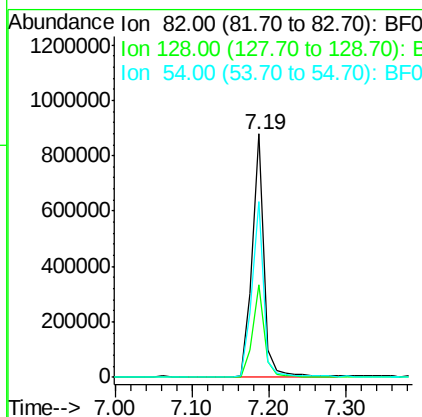
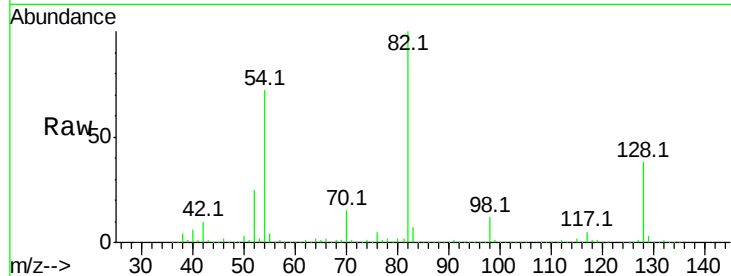




#23
 Nitrobenzene-d5
 Concen: 92.75 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

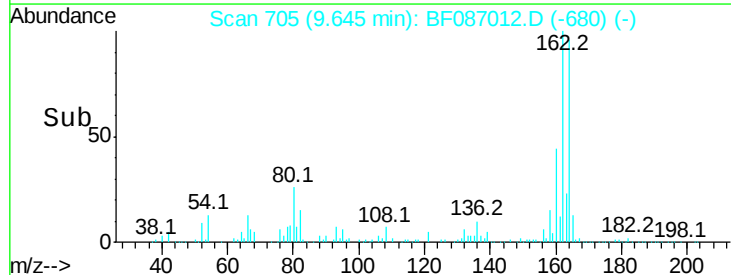
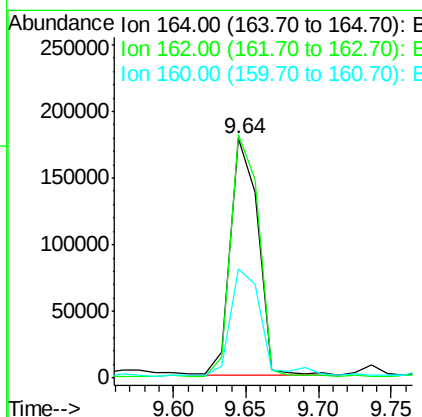
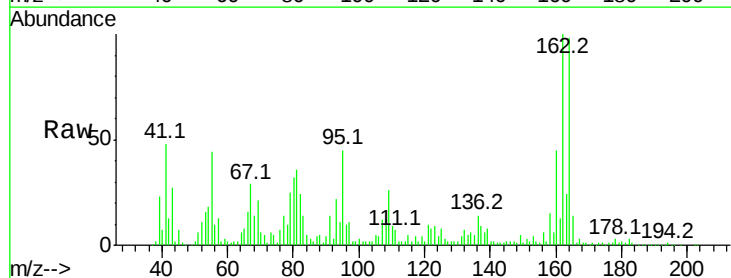
Instrument :
 BNA_F
 ClientSampleId :
 MW-30

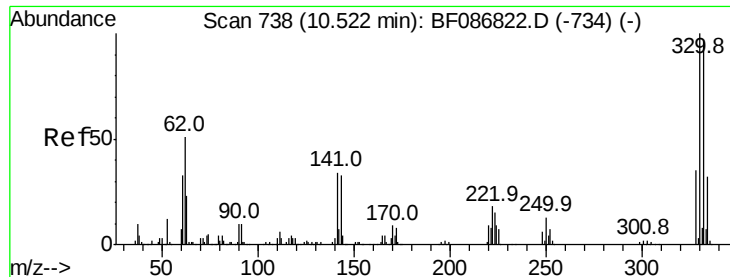
Tot Ion	82	Resp	933262
Ion Ratio	100	Lower	Upper
128	38.2	40.6	61.0#
54	72.2	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Tgt Ion	164	Resp	236406
Ion Ratio	100	Lower	Upper
162	101.8	82.8	124.2
160	45.7	36.9	55.3

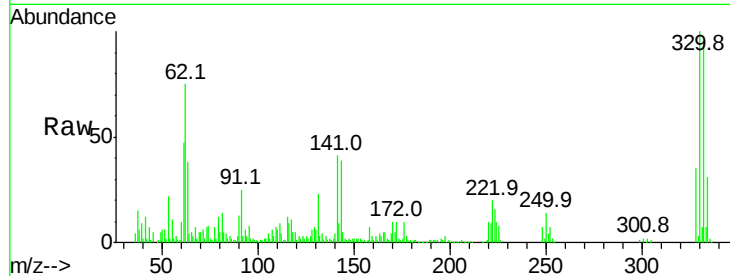




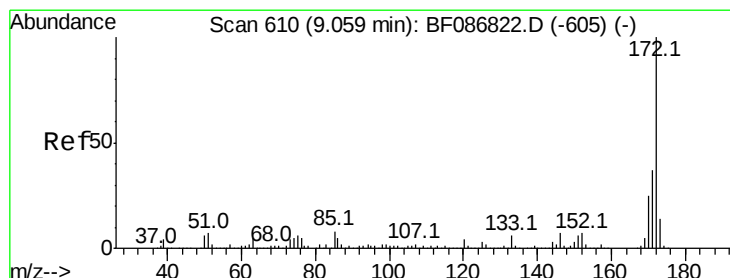
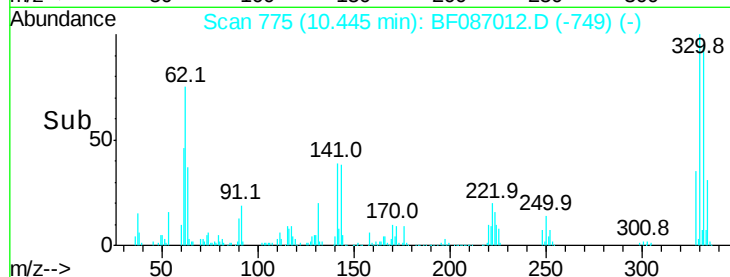
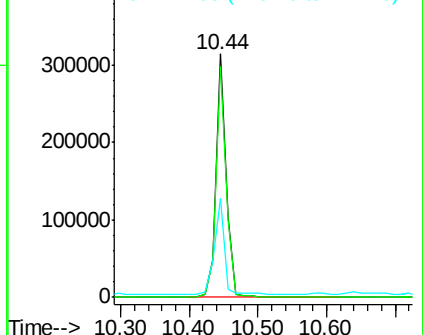
#41
 2,4,6-Tribromophenol
 Concen: 132.49 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tot Ion:330 Resp: 331578
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 37.2 31.2 46.8

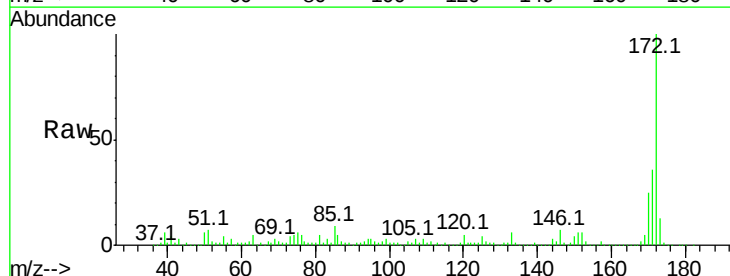


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

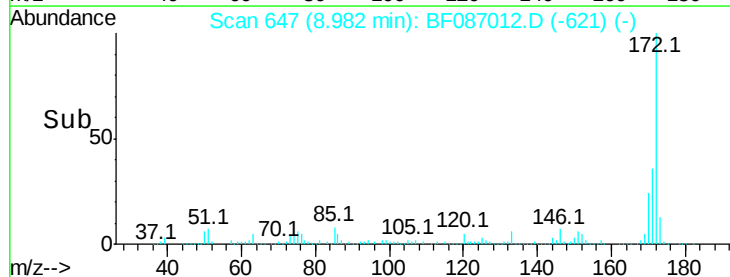
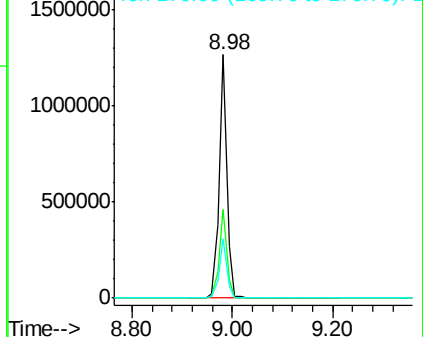


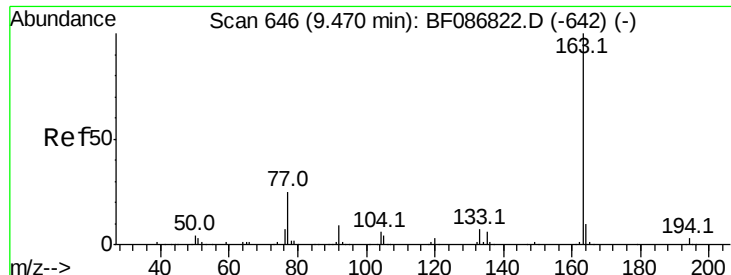
#44
 2-Fluorobiphenyl
 Concen: 97.02 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Tgt Ion:172 Resp: 1364694
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.5 19.8 29.8



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: 2.52 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

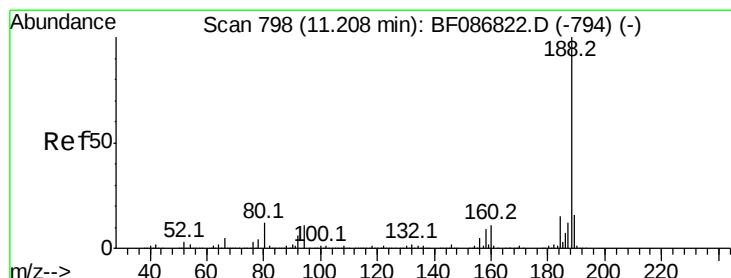
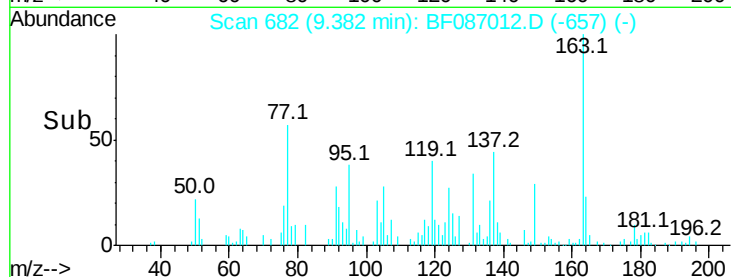
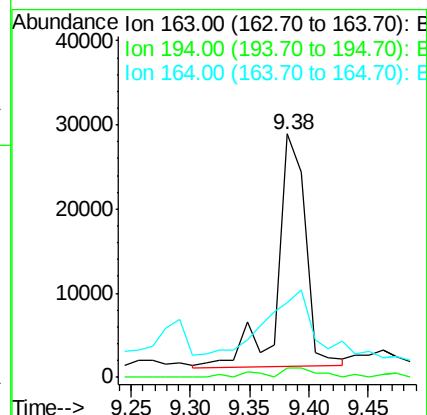
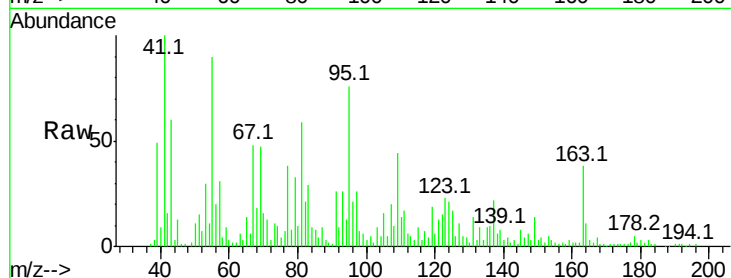
Tot Ion:163 Resp: 45507

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

164 30.4 8.2 12.4#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

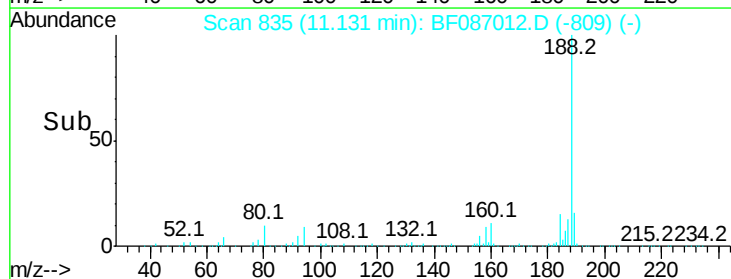
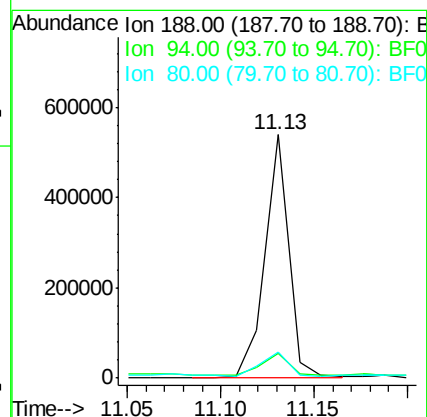
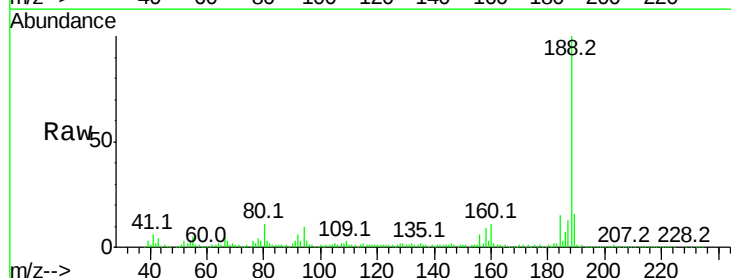
Tgt Ion:188 Resp: 472169

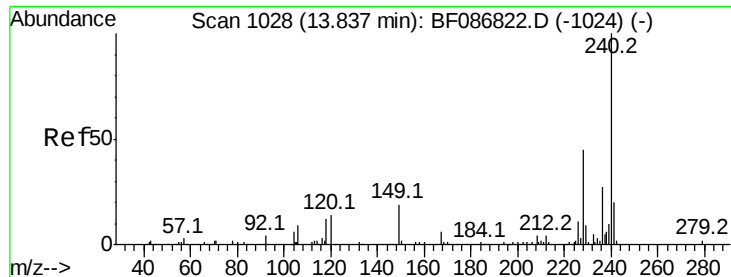
Ion Ratio Lower Upper

188 100

94 10.2 6.8 10.2#

80 10.9 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

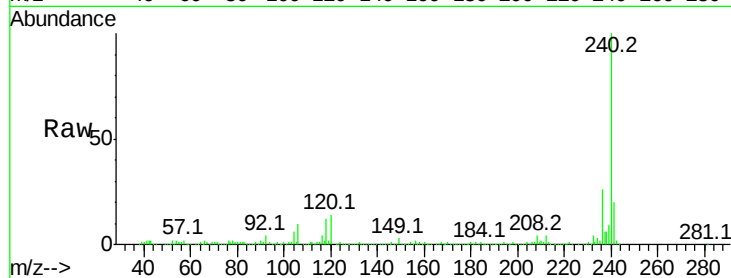
Tot Ion:240 Resp: 358560

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

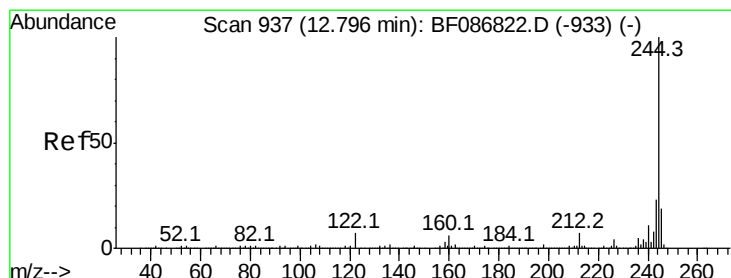
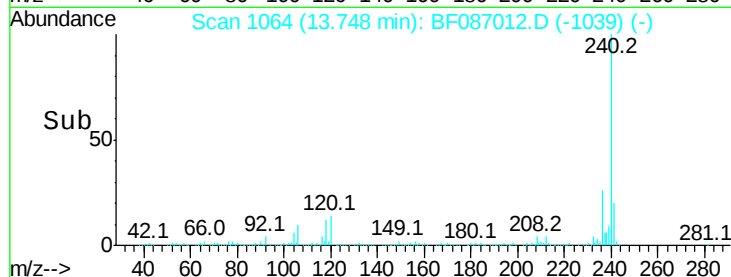
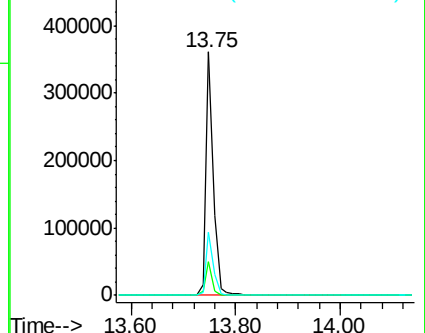
236 25.8 21.2 31.8



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: 91.55 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

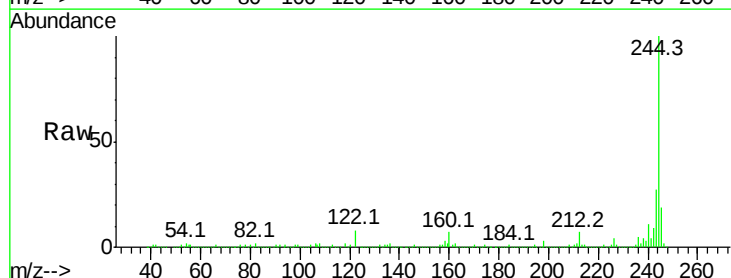
Tgt Ion:244 Resp: 1547160

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

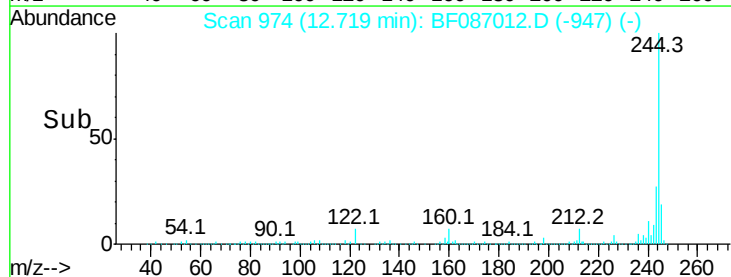
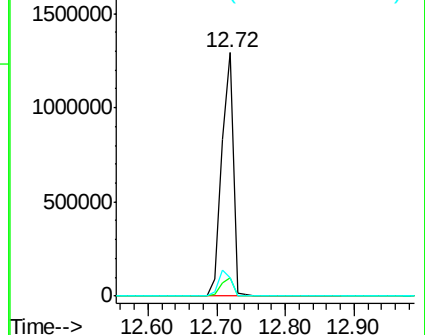
122 7.5 12.0 18.0#

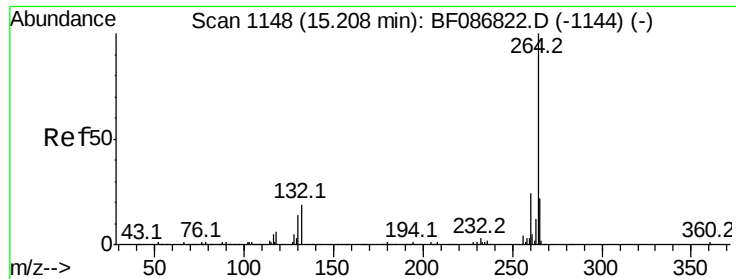


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087012.D
Acq: 14 May 2016 11:22

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.4	17.3	25.9

