

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087003.D
 Acq On : 14 May 2016 7:02
 Operator : UM/SJ
 Sample : H2966-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 16 01:18:10 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

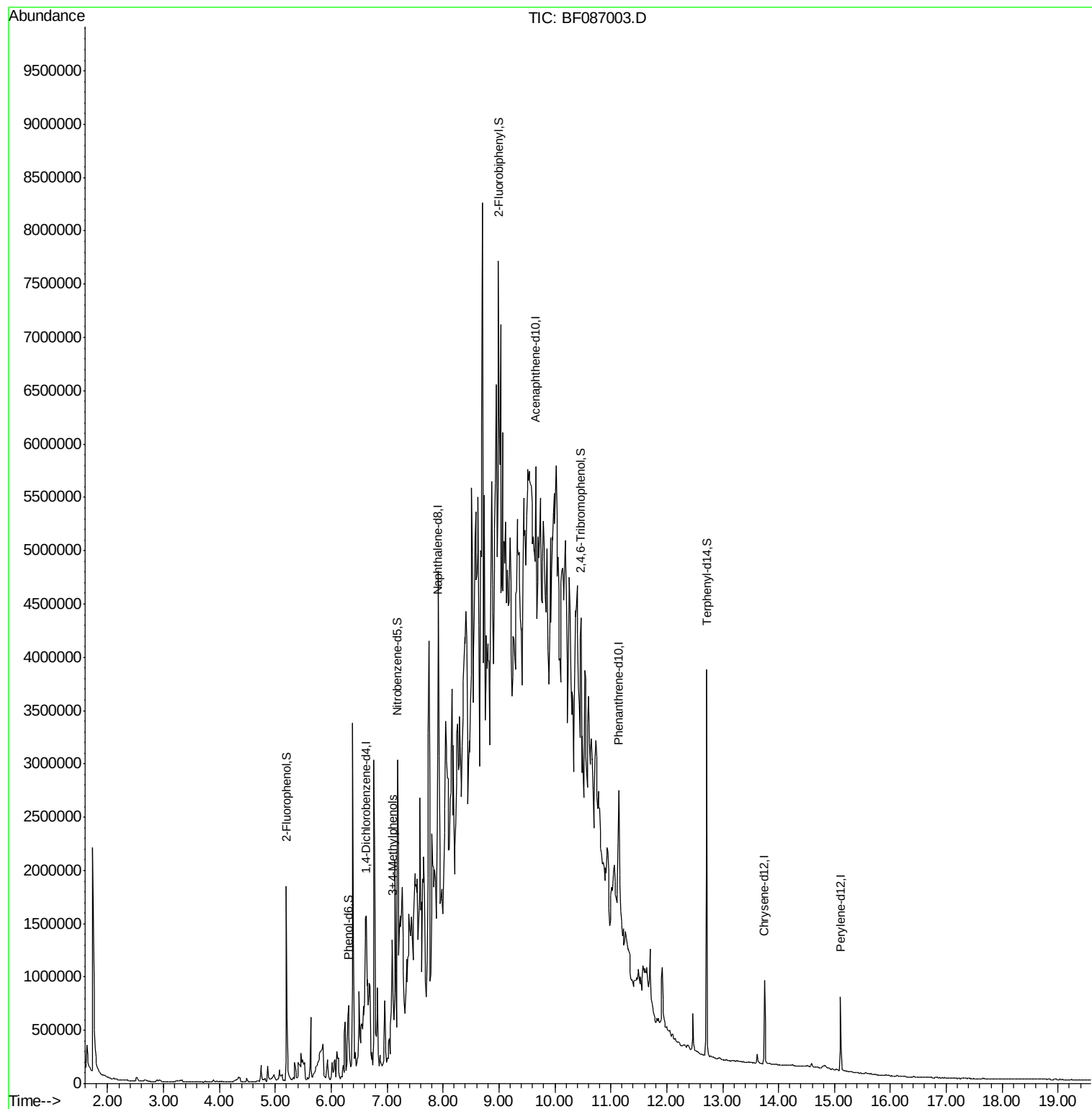
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142103	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	526754	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	229307	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	461306	20.00	ng	0.01
75) Chrysene-d12	13.75	240	309587	20.00	ng	-0.01
86) Perylene-d12	15.11	264	283954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	512213	61.04	ng	0.00
7) Phenol-d6	6.31	99	465763	41.53	ng	0.02
23) Nitrobenzene-d5	7.19	82	953240	90.87	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	404356	166.57	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	1311416	96.12	ng	0.01
78) Terphenyl-d14	12.72	244	1304060	89.37	ng	0.01
Target Compounds						
20) 3+4-Methylphenols	7.10	107	439905	41.80	ng	Qvalue # 55

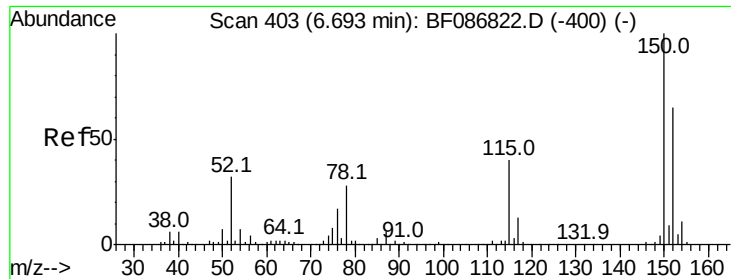
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampled :

MW-16

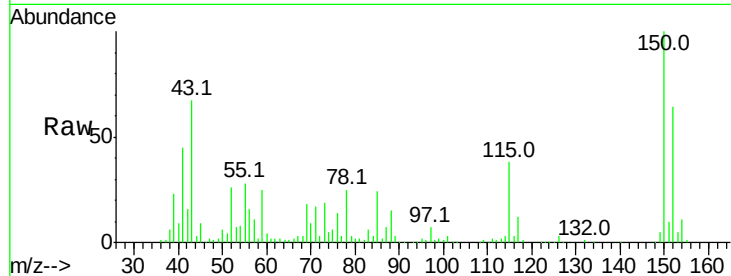
Tot Ion:152 Resp: 142103

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

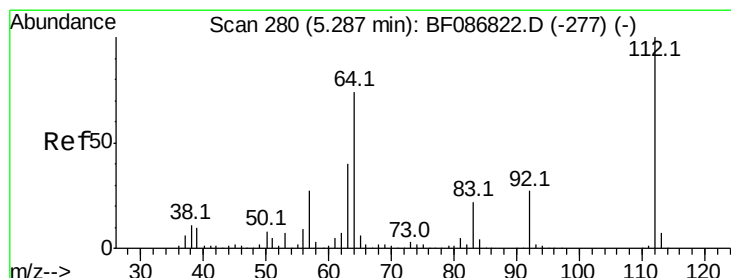
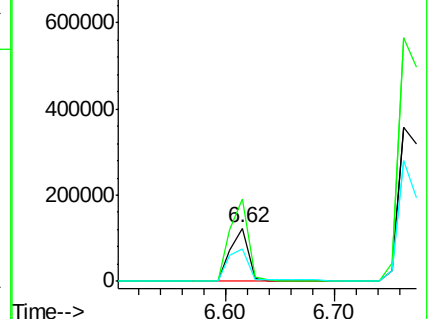
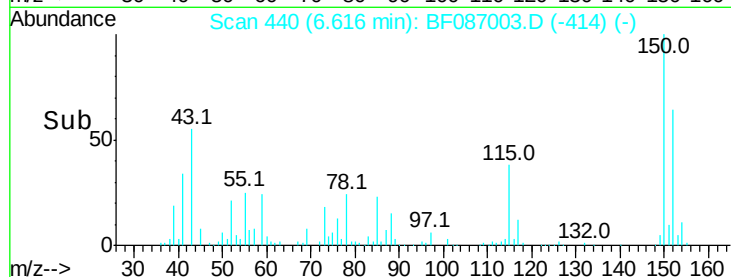
115 59.8 51.5 77.3



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: 61.04 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

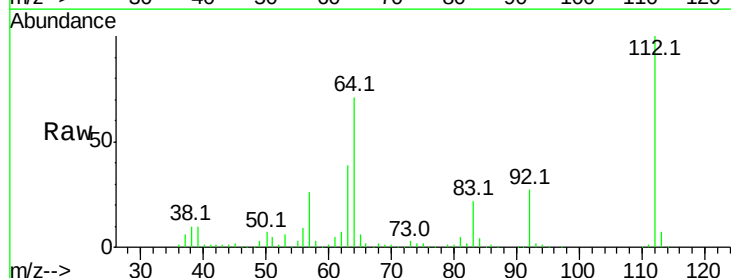
Tgt Ion:112 Resp: 512213

Ion Ratio Lower Upper

112 100

64 71.4 52.1 78.1

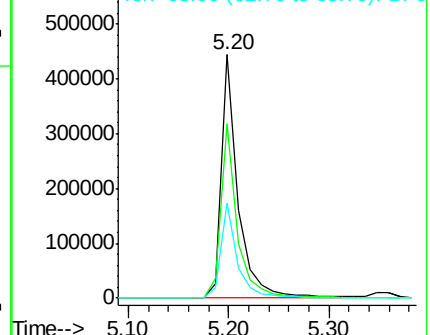
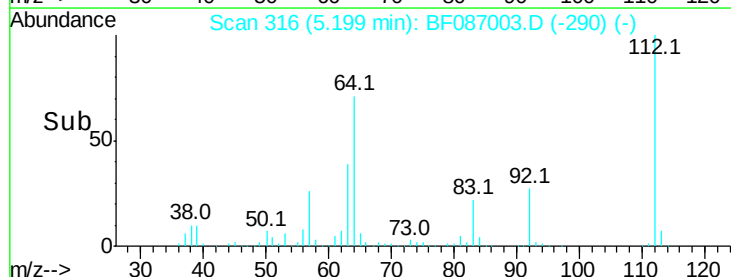
63 39.0 25.7 38.5#

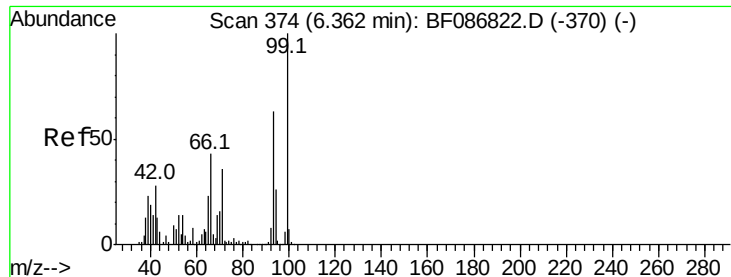


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.53 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.02 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampleId :

MW-16

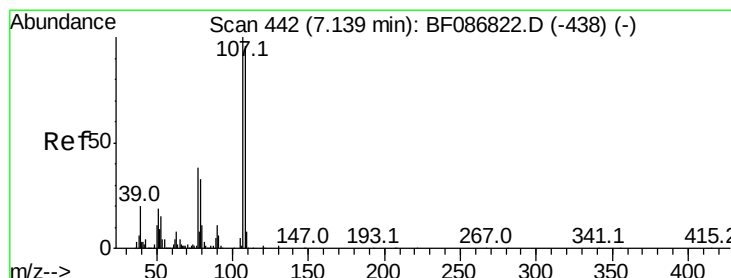
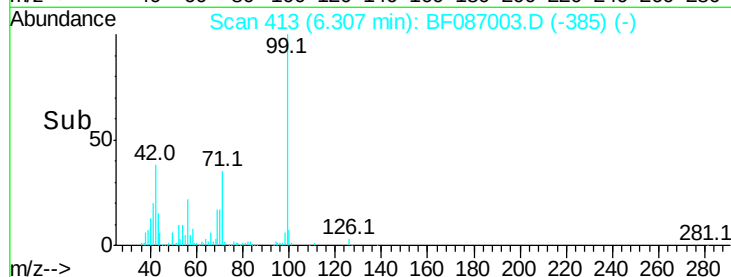
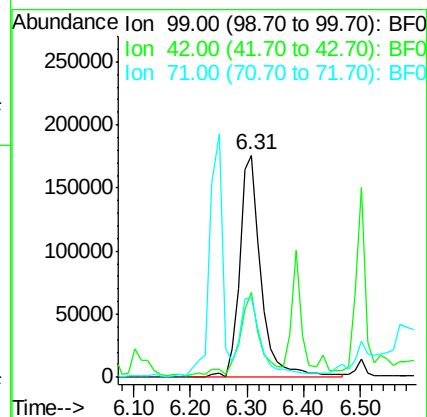
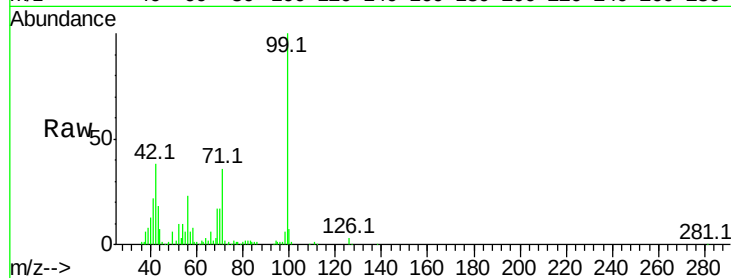
Tot Ion: 99 Resp: 465763

Ion Ratio Lower Upper

99 100

42 38.4 13.6 20.4#

71 36.0 24.6 36.8



#20

3+4-Methylphenols

Concen: 41.80 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.03 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Tgt Ion:107 Resp: 439905

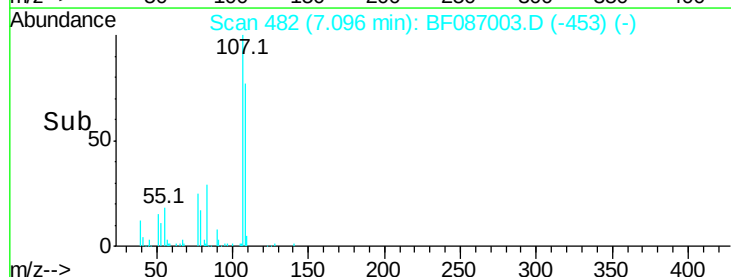
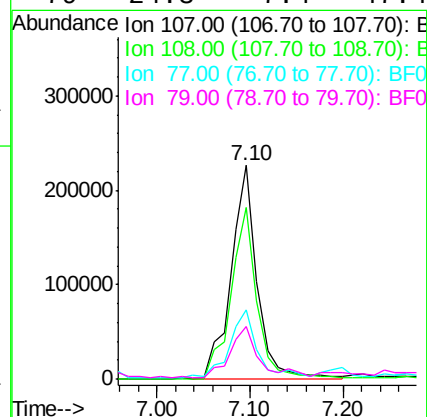
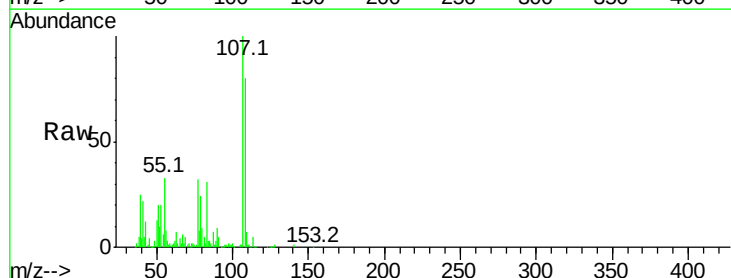
Ion Ratio Lower Upper

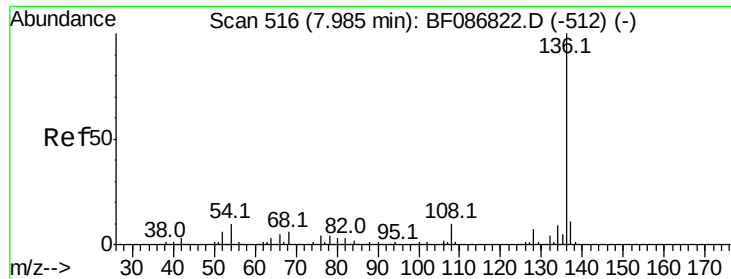
107 100

108 80.0 68.5 108.5

77 32.3 101.6 141.6#

79 24.3 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampleId :

MW-16

Tot Ion:136 Resp: 526754

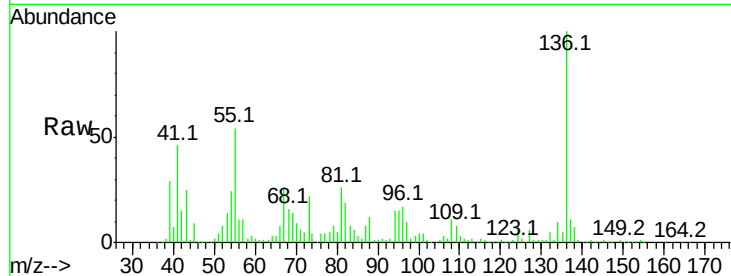
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 24.3 5.0 7.4#

68 15.7 4.4 6.6#

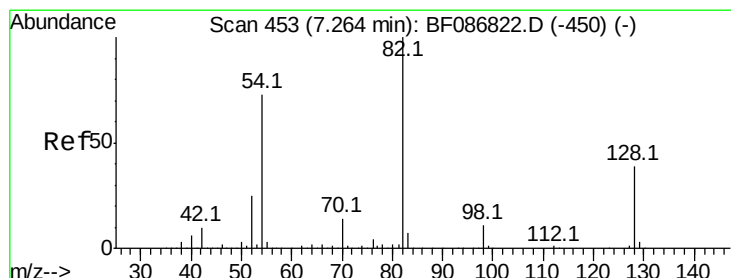
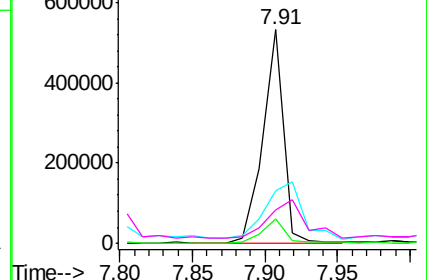
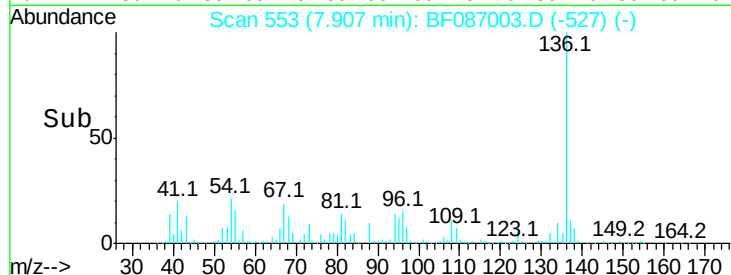


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.87 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

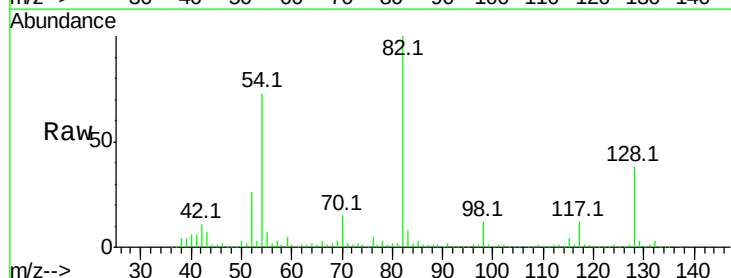
Tgt Ion: 82 Resp: 953240

Ion Ratio Lower Upper

82 100

128 37.7 40.6 61.0#

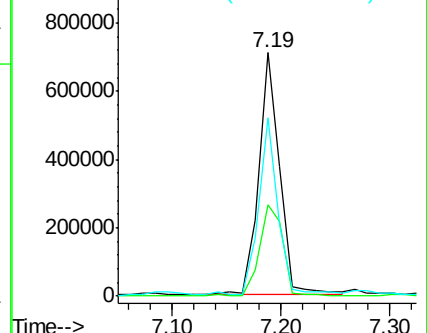
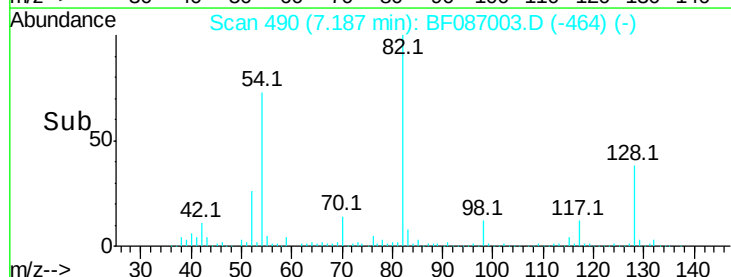
54 73.4 38.1 57.1#

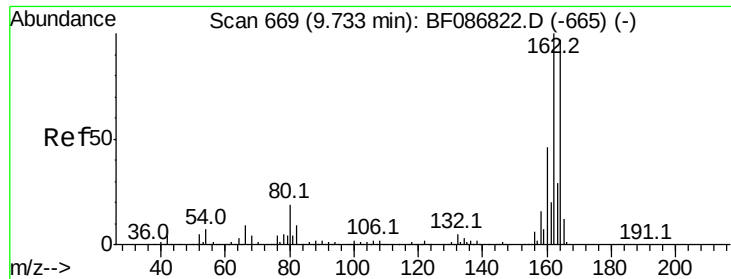


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.66 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampled :

MW-16

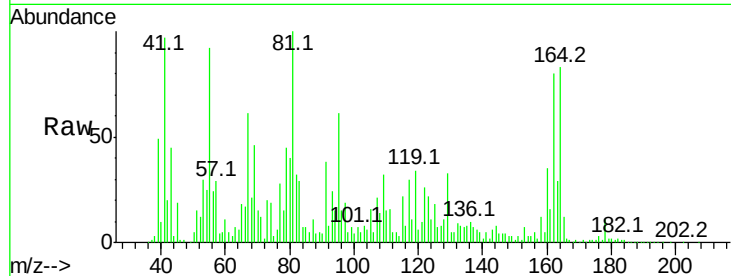
Tot Ion:164 Resp: 229307

Ion Ratio Lower Upper

164 100

162 96.8 82.8 124.2

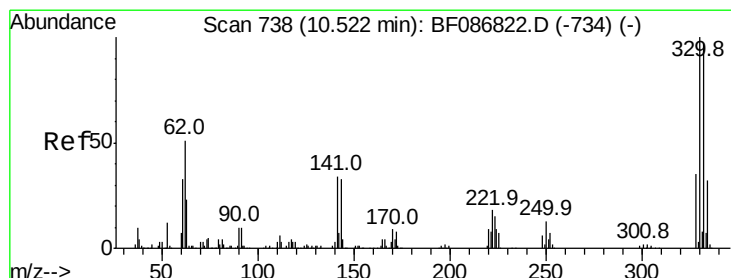
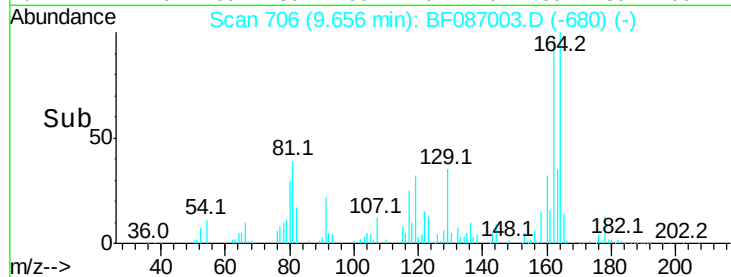
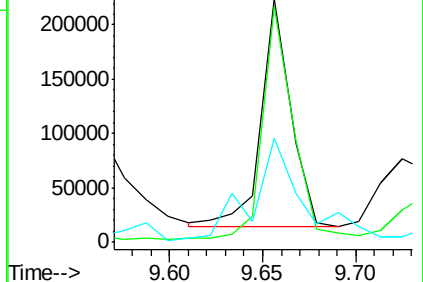
160 42.6 36.9 55.3



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: 166.57 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

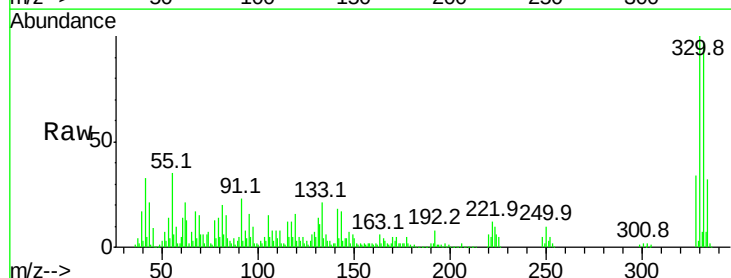
Tgt Ion:330 Resp: 404356

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

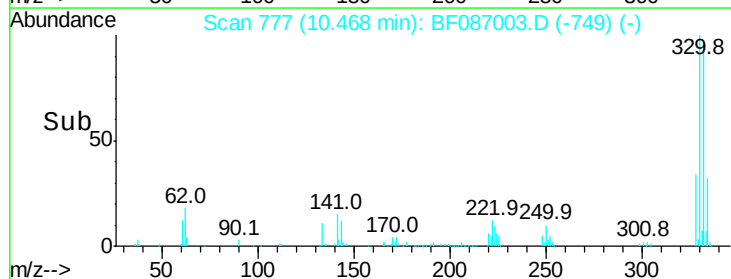
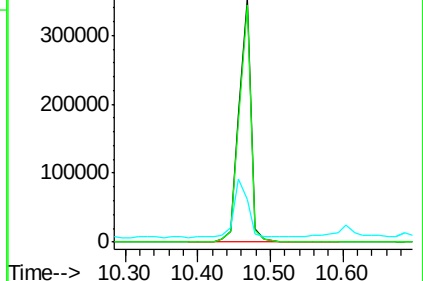
141 28.4 31.2 46.8#

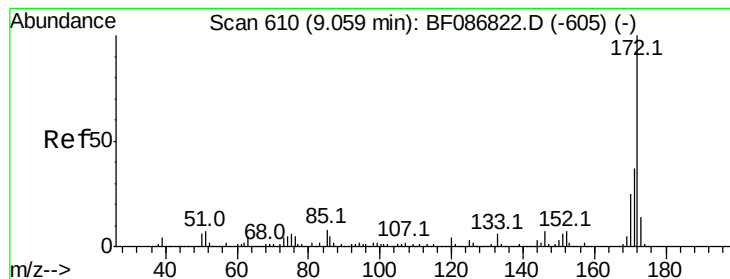


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.12 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampleId :

MW-16

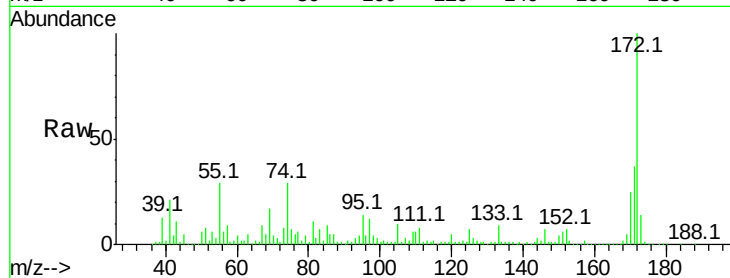
Tot Ion:172 Resp: 1311416

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

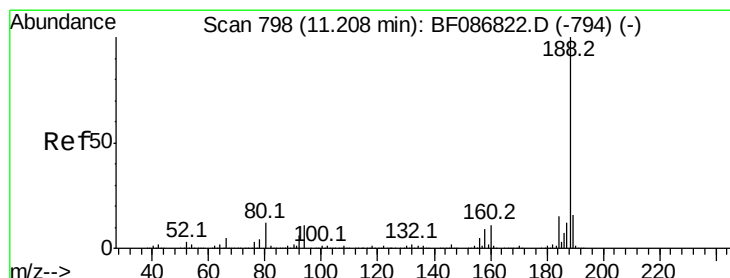
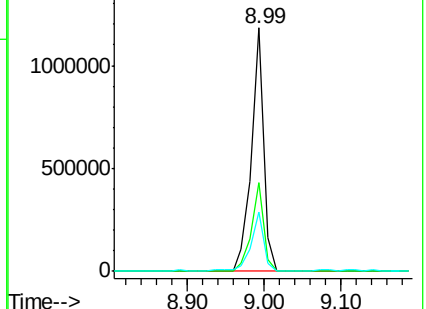
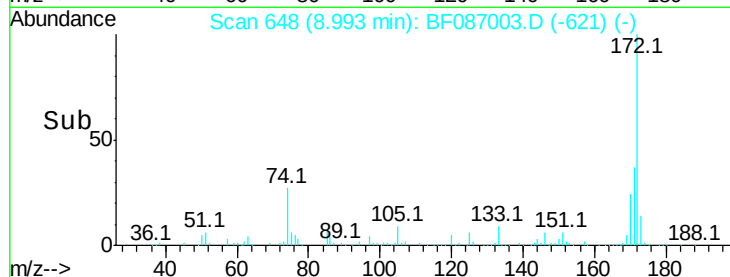
170 24.6 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

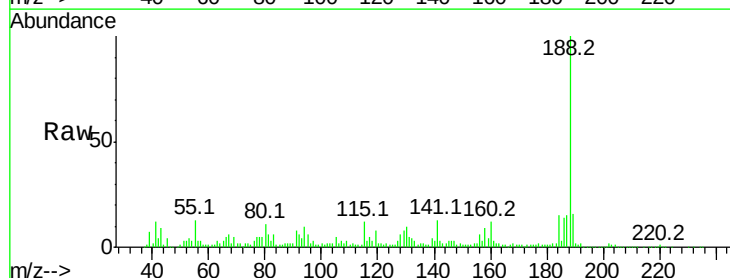
Tgt Ion:188 Resp: 461306

Ion Ratio Lower Upper

188 100

94 10.2 6.8 10.2

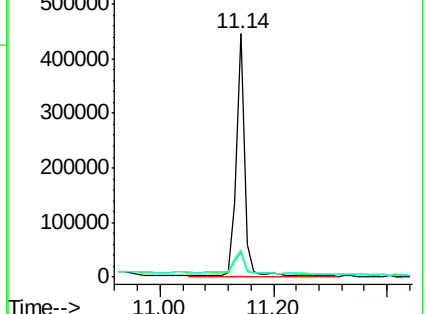
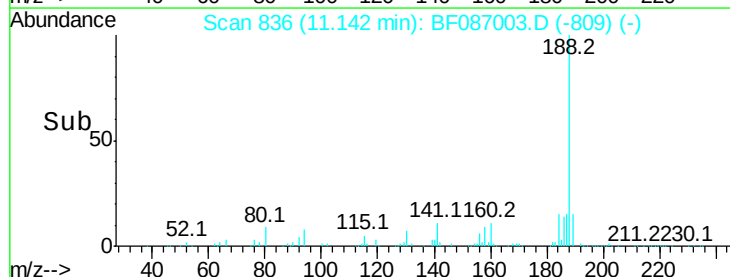
80 11.3 7.1 10.7#

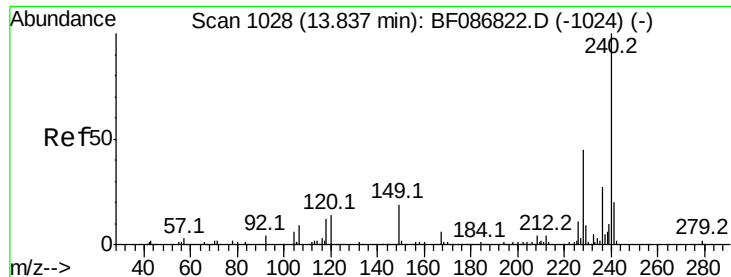


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

Instrument :

BNA_F

ClientSampleId :

MW-16

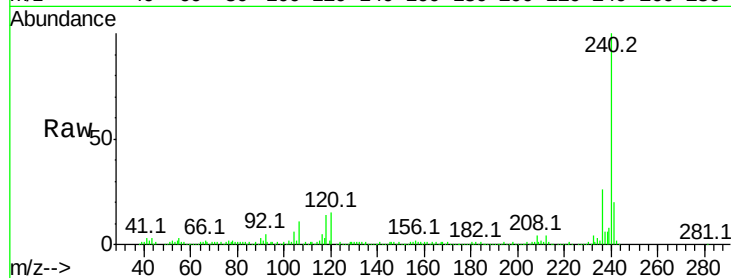
Tot Ion:240 Resp: 309587

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

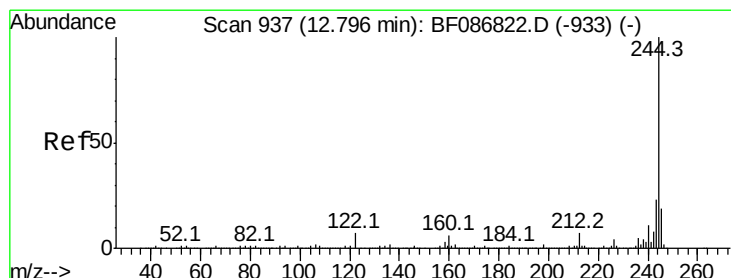
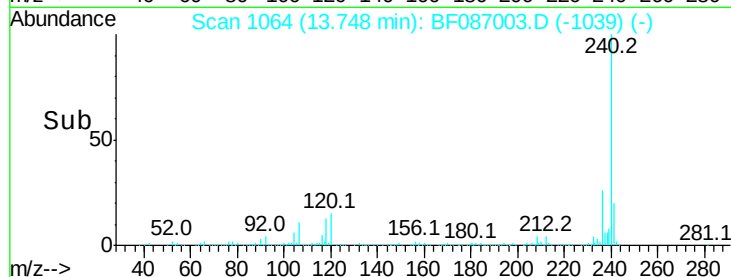
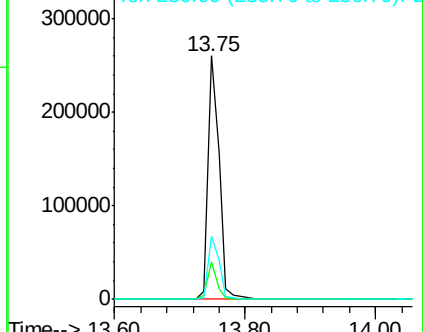
236 26.2 21.2 31.8



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: 89.37 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087003.D

Acq: 14 May 2016 7:02

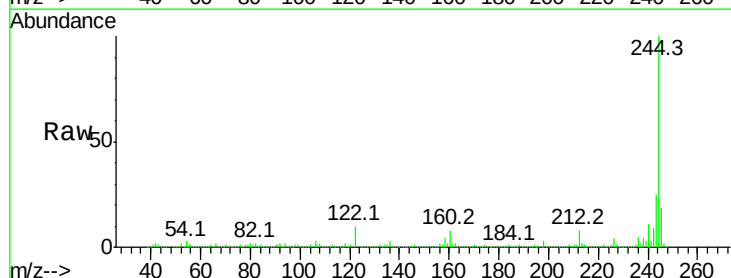
Tgt Ion:244 Resp: 1304060

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

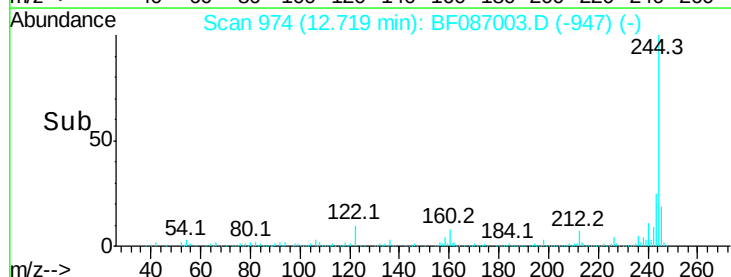
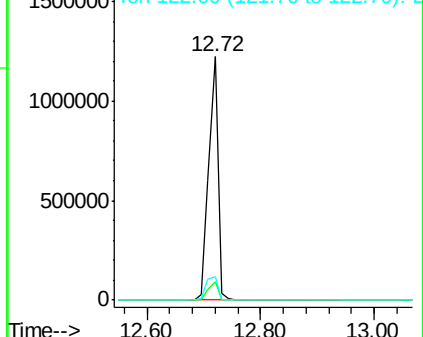
122 9.8 12.0 18.0#

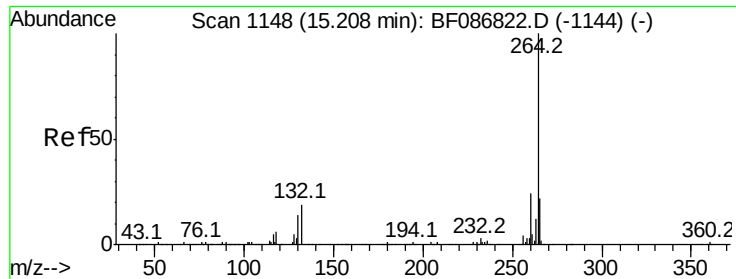


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

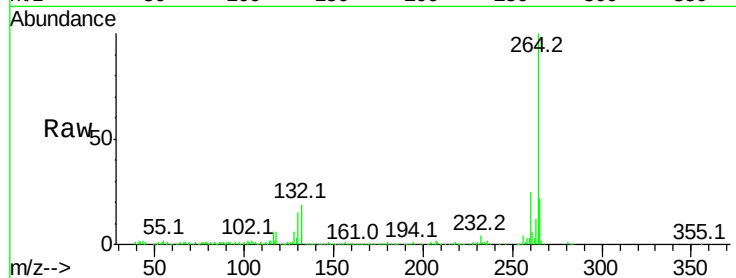




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF087003.D
 Acq: 14 May 2016 7:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.8	17.3	25.9



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

