

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082792.D
 Acq On : 7 Nov 2015 6:12
 Operator : UM/IZ
 Sample : G4244-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-13

Quant Time: Nov 09 03:15:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

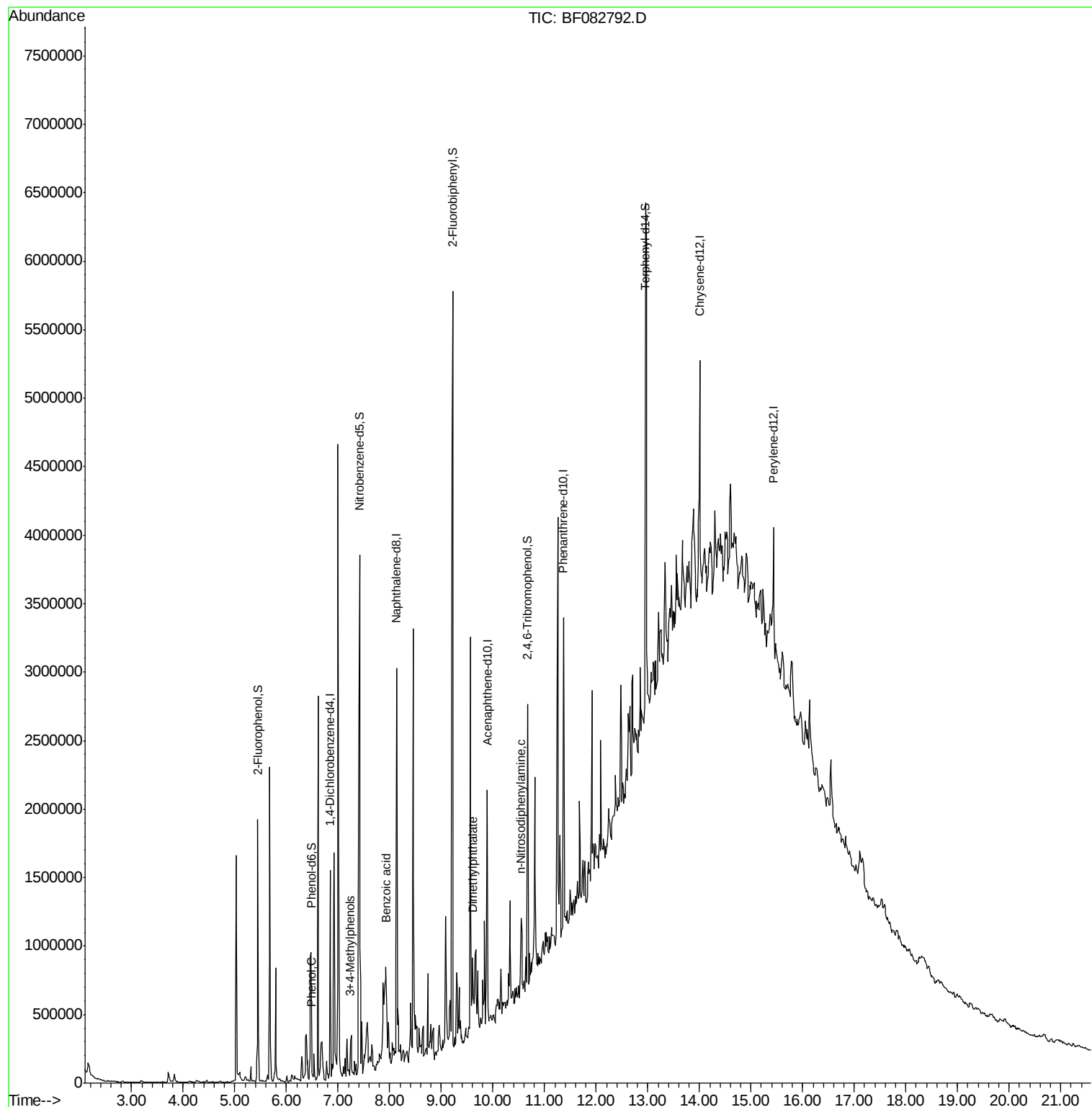
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	255237	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1019453	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	474786	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	825879	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	560993	20.00	ng	-0.01
86) Perylene-d12	15.44	264	489306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	469663	28.63	ng	0.00
7) Phenol-d6	6.48	99	466872	21.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	1699020	72.52	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	221719	40.73	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2490680	75.19	ng	0.00
78) Terphenyl-d14	12.96	244	1842879	77.92	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	71812	2.90	ng	# 74
20) 3+4-Methylphenols	7.24	107	55550	2.77	ng	# 42
32) Benzoic acid	7.93	122	483933	39.34	ng	88
49) Dimethylphthalate	9.61	163	173770	4.47	ng	# 97
65) n-Nitrosodiphenylamine	10.54	169	112613	3.77	ng	96

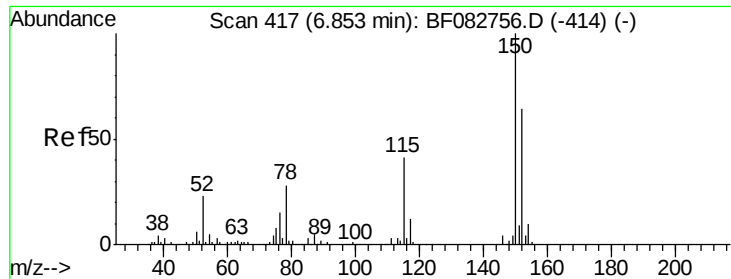
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

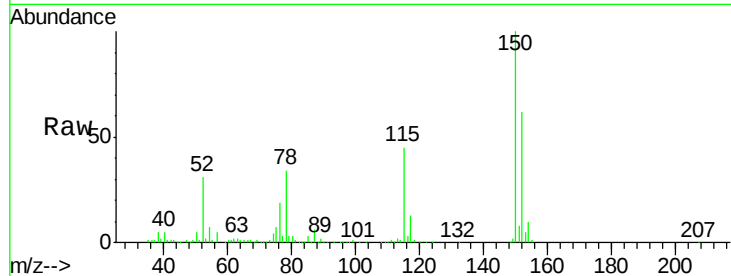
Tot Ion:152 Resp: 255237

Ion Ratio Lower Upper

152 100

150 162.2 127.0 190.4

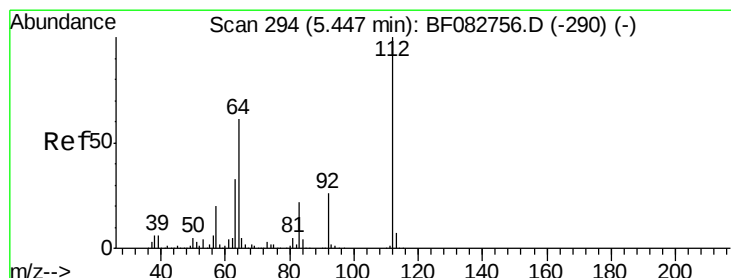
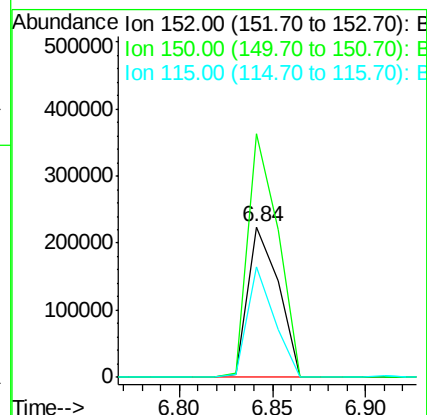
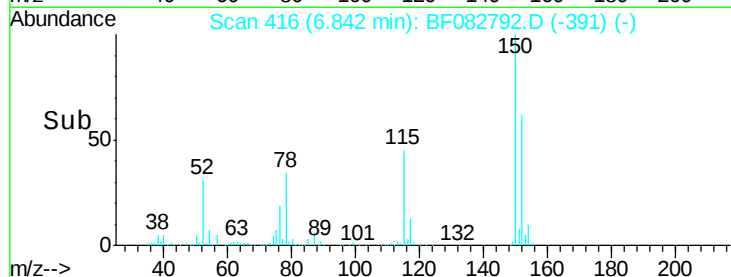
115 73.3 47.0 70.6#



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: 28.63 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

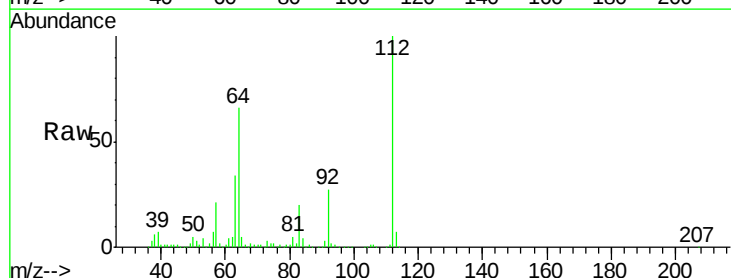
Tgt Ion:112 Resp: 469663

Ion Ratio Lower Upper

112 100

64 66.3 48.9 73.3

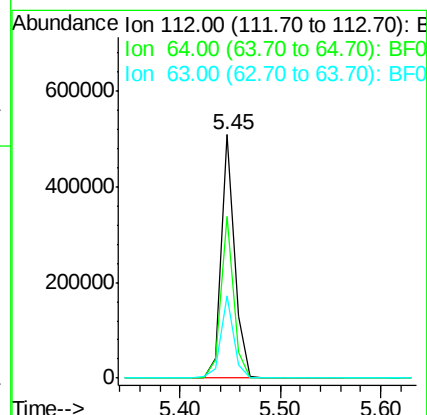
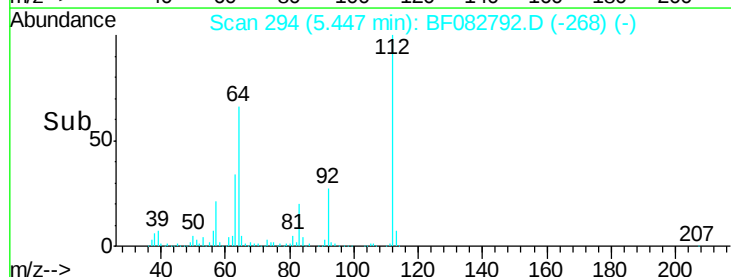
63 33.8 28.1 42.1

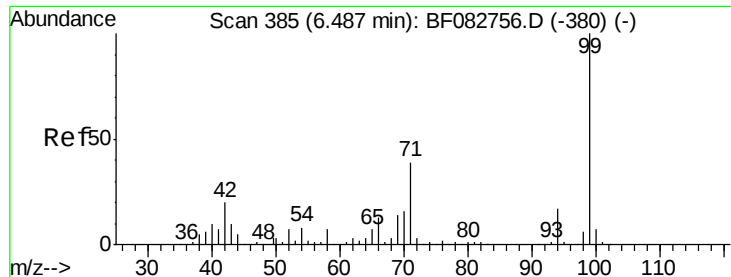


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.41 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

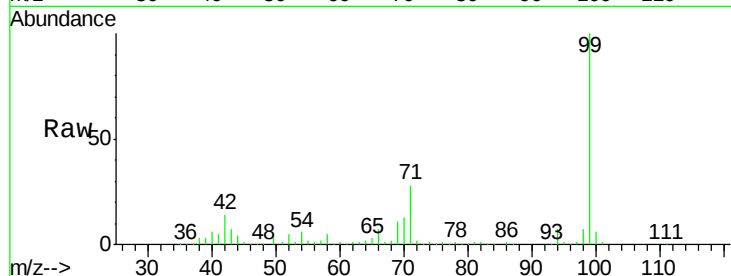
Tot Ion: 99 Resp: 466872

Ion Ratio Lower Upper

99 100

42 14.0 19.2 28.8#

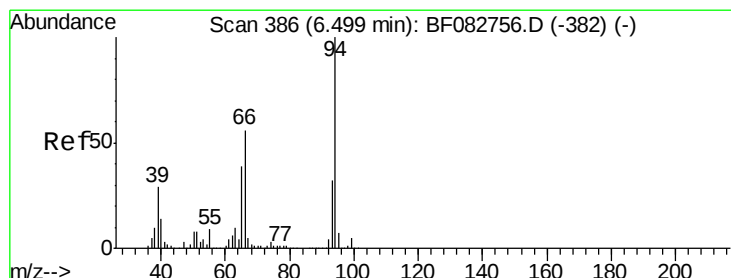
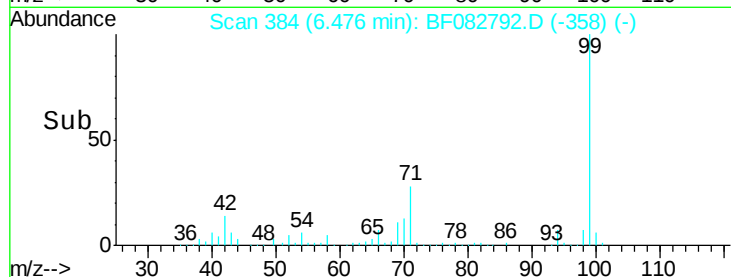
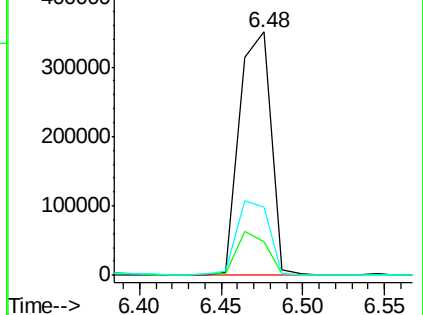
71 28.2 35.0 52.4#



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



#10

Phenol

Concen: 2.90 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

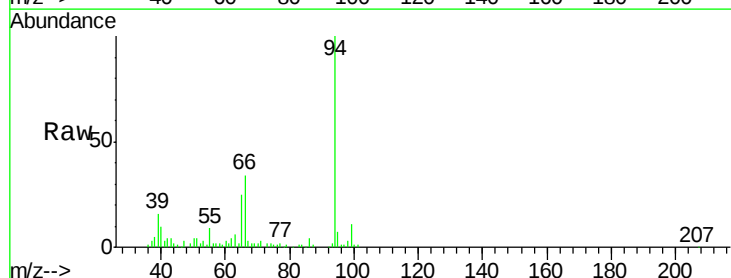
Tgt Ion: 94 Resp: 71812

Ion Ratio Lower Upper

94 100

65 25.3 18.9 58.9

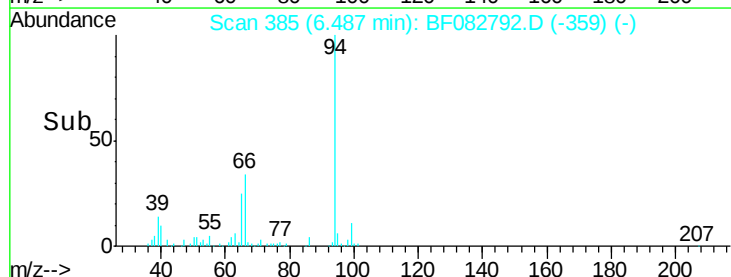
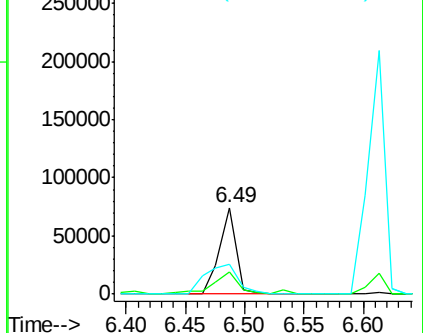
66 34.1 34.9 74.9#

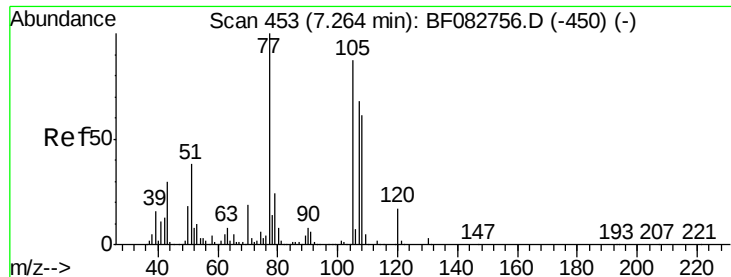


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 2.77 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampled :

TEC-13

Tot Ion:107 Resp: 55550

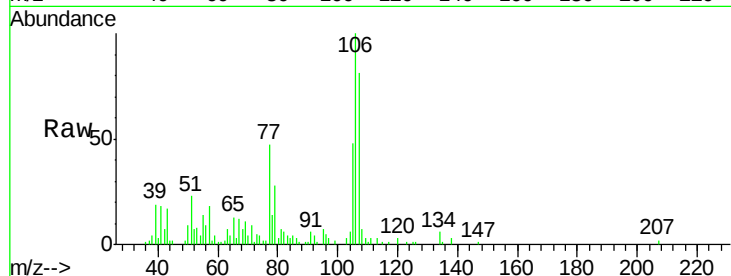
Ion Ratio Lower Upper

107 100

108 9.2 67.3 107.3#

77 58.1 100.3 140.3#

79 34.4 16.2 56.2

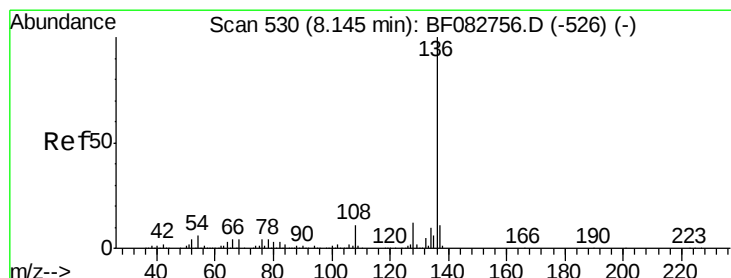
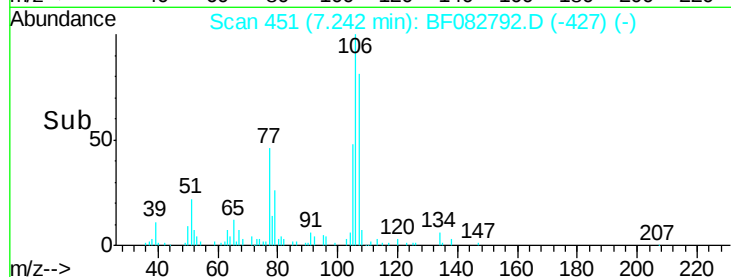
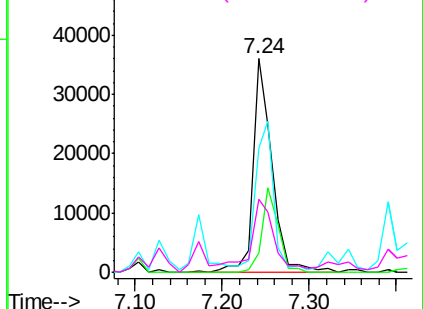


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Tgt Ion:136 Resp: 1019453

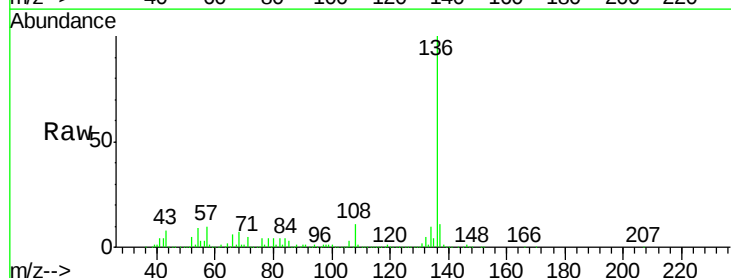
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.4 9.1 13.7

68 6.6 4.8 7.2

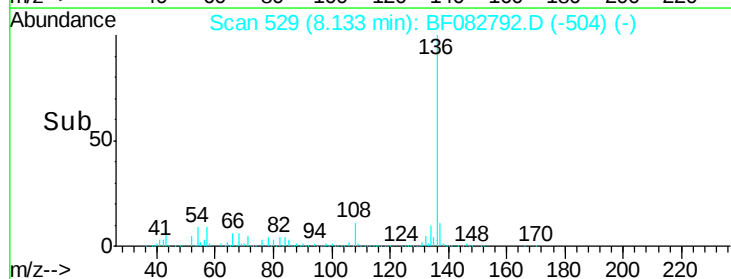
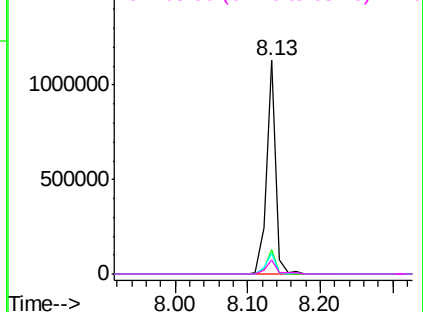


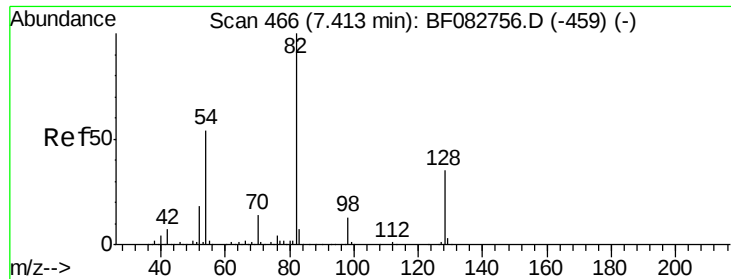
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.52 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

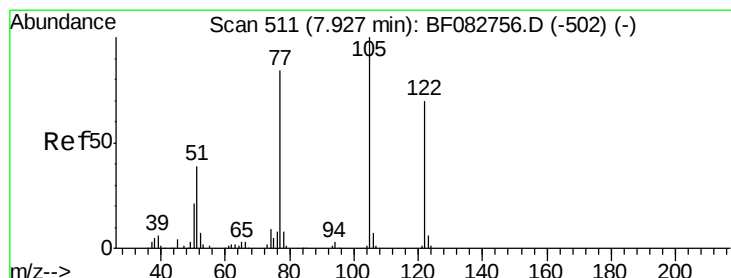
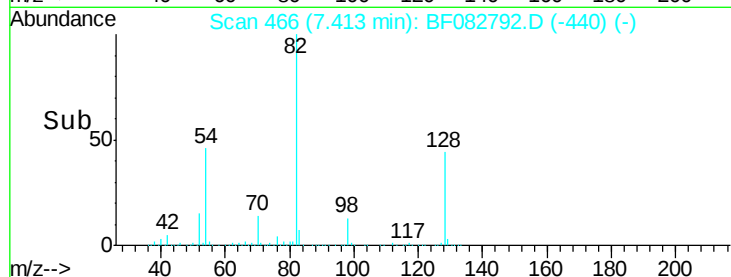
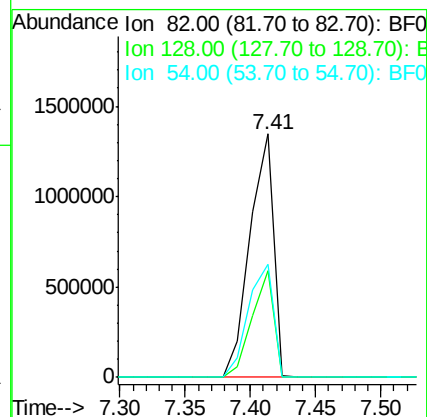
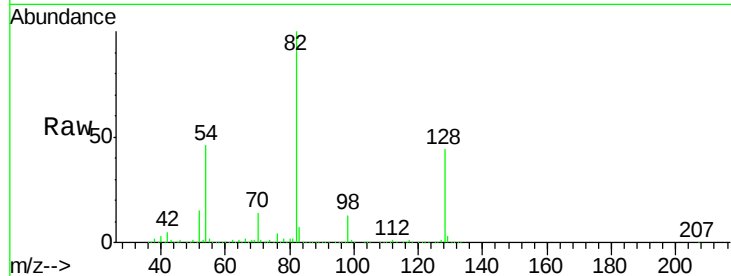
ClientSampleId :

TEC-13

Tot Ion: 82 Resp: 1699020

Ion Ratio Lower Upper

82	100		
128	43.6	26.8	40.2#
54	46.3	45.7	68.5



#32

Benzoic acid

Concen: 39.34 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

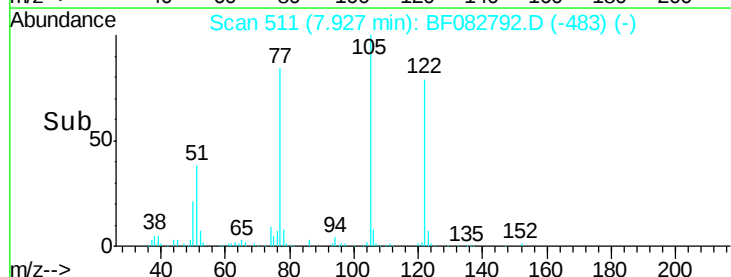
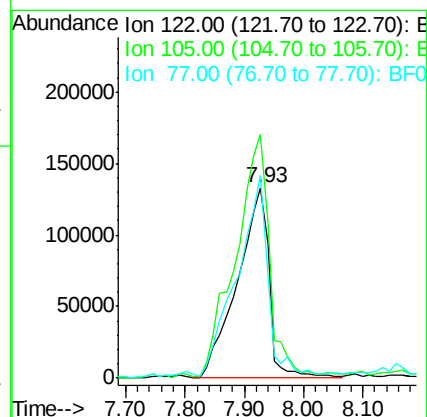
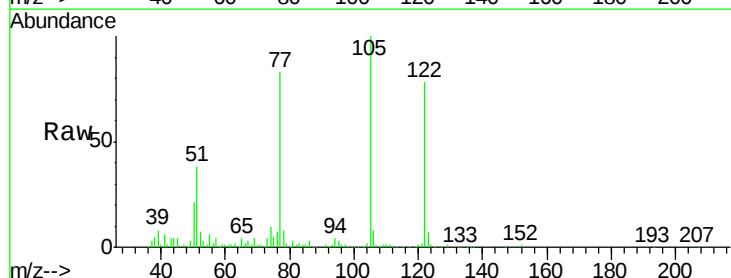
Lab File: BF082792.D

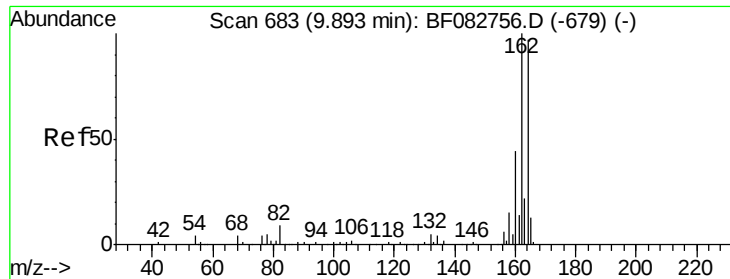
Acq: 7 Nov 2015 6:12

Tgt Ion: 122 Resp: 483933

Ion Ratio Lower Upper

122	100		
105	128.1	122.6	162.6
77	106.9	100.9	140.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

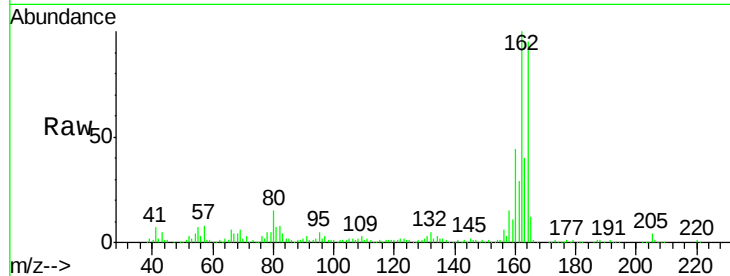
Tot Ion:164 Resp: 474786

Ion Ratio Lower Upper

164 100

162 104.9 84.9 127.3

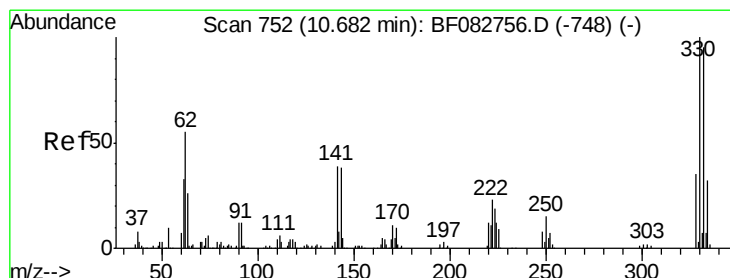
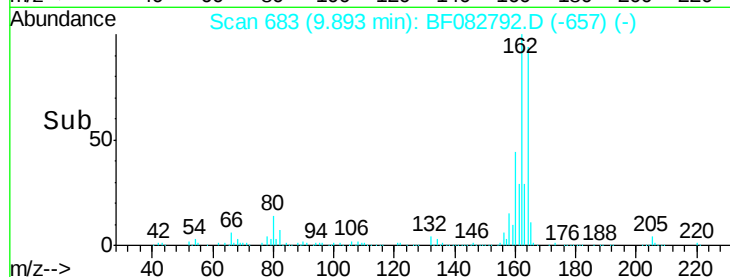
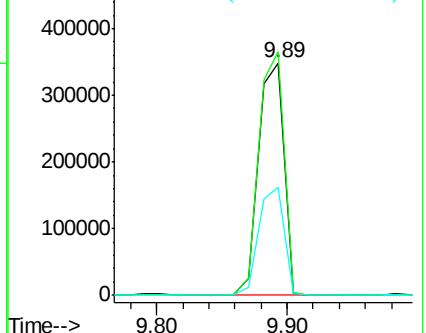
160 46.6 37.5 56.3



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: 40.73 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

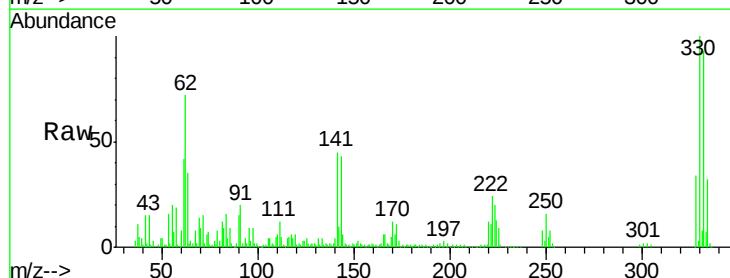
Tgt Ion:330 Resp: 221719

Ion Ratio Lower Upper

330 100

332 93.9 76.6 114.8

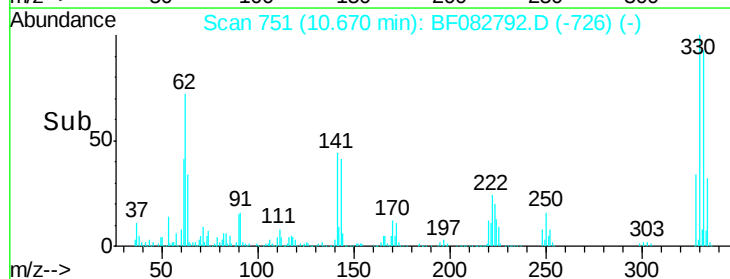
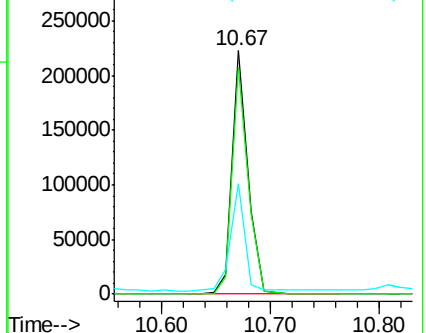
141 40.9 41.2 61.8#

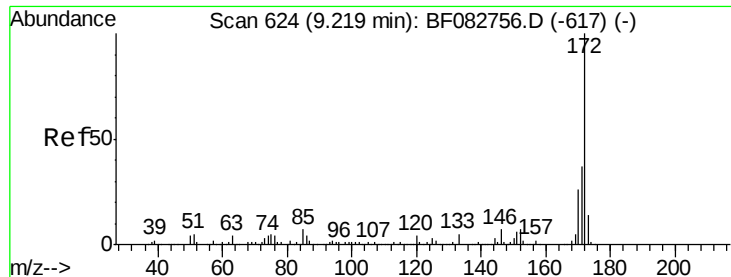


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

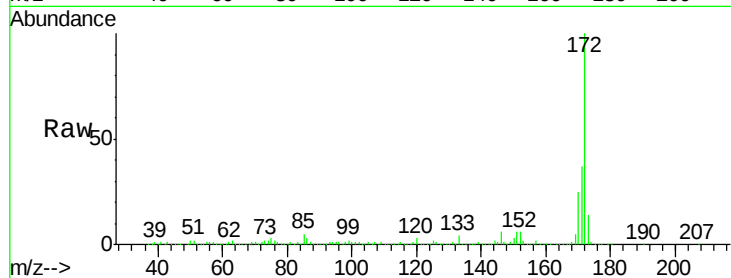




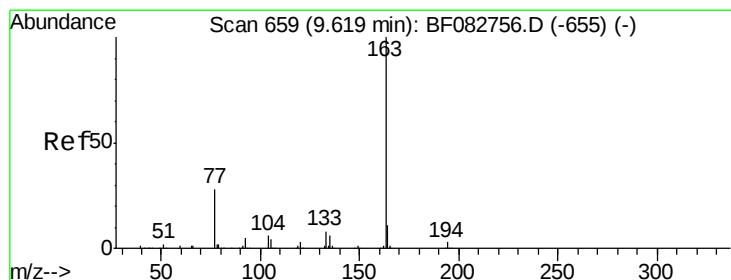
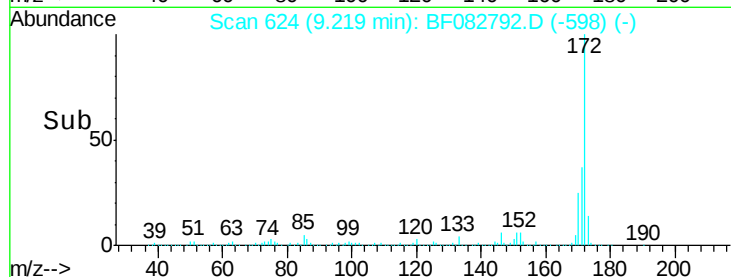
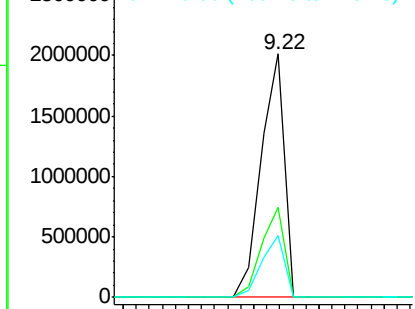
#44
2-Fluorobiphenyl
Concen: 75.19 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

Instrument :
BNA_F
ClientSampled :
TEC-13

Tot Ion:172 Resp: 2490680
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 25.4 21.2 31.8

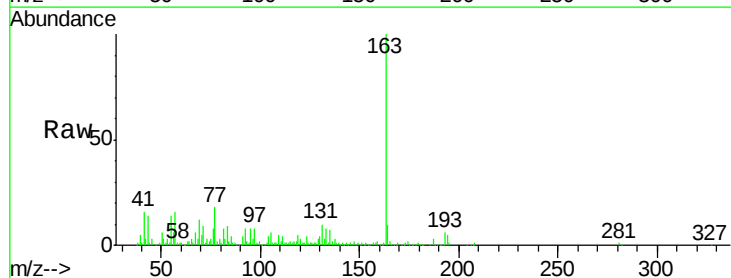


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

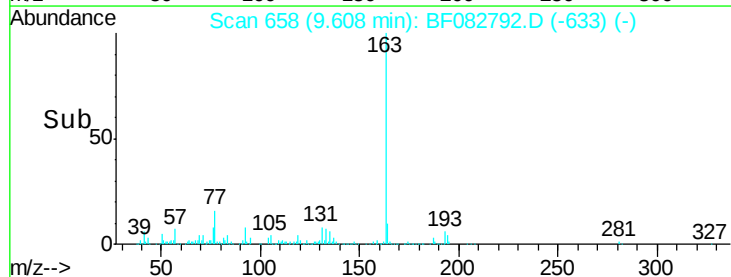
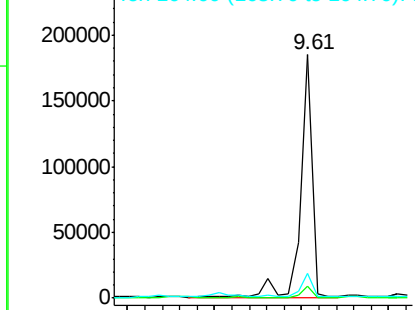


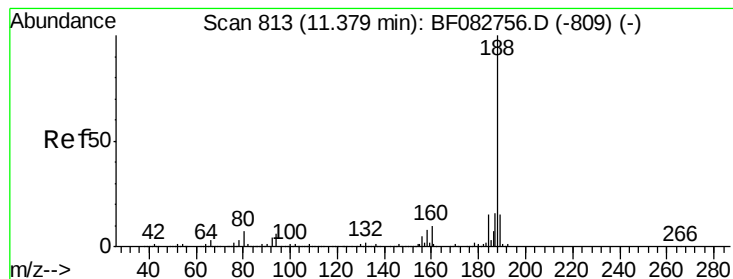
#49
Dimethylphthalate
Concen: 4.47 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

Tgt Ion:163 Resp: 173770
Ion Ratio Lower Upper
163 100
194 4.7 2.6 4.0#
164 10.0 8.7 13.1



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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

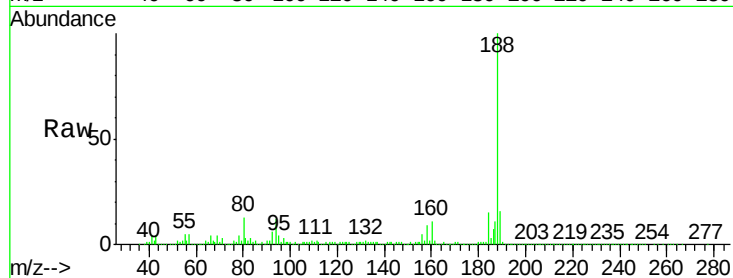
Tot Ion:188 Resp: 825879

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

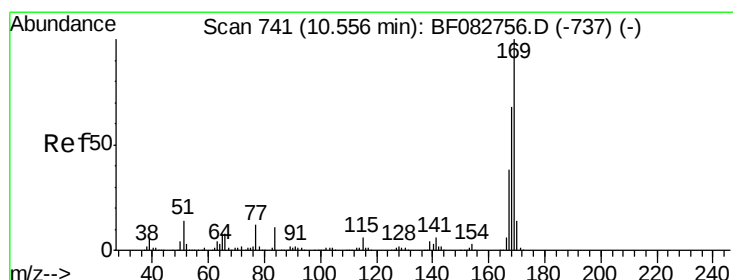
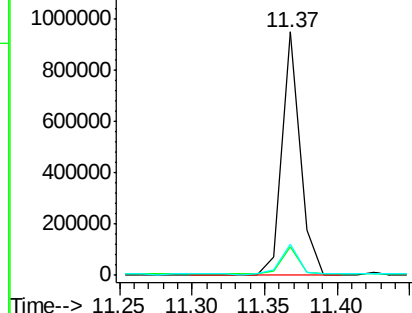
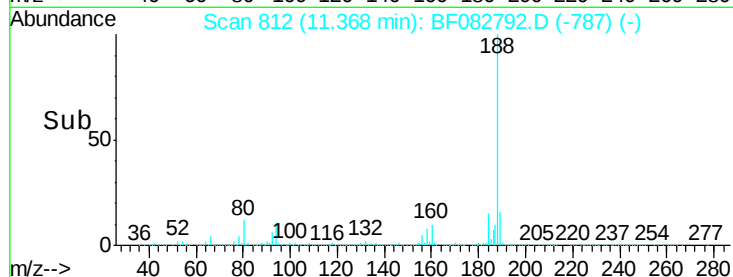
80 12.9 7.0 10.6#



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



#65

n-Nitrosodiphenylamine

Concen: 3.77 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

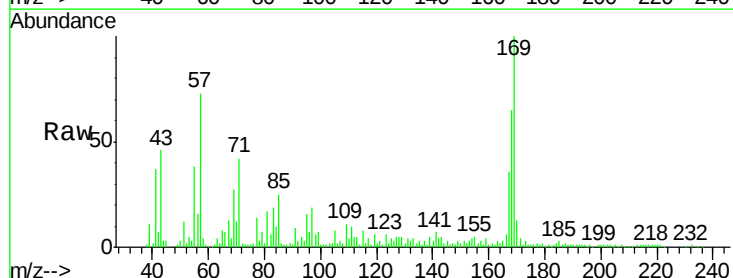
Tgt Ion:169 Resp: 112613

Ion Ratio Lower Upper

169 100

168 65.3 55.0 82.6

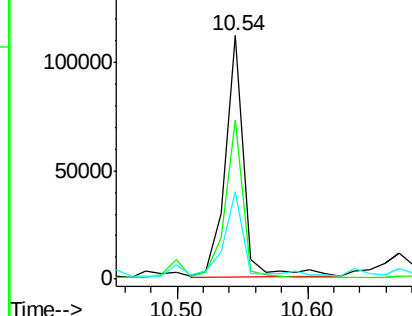
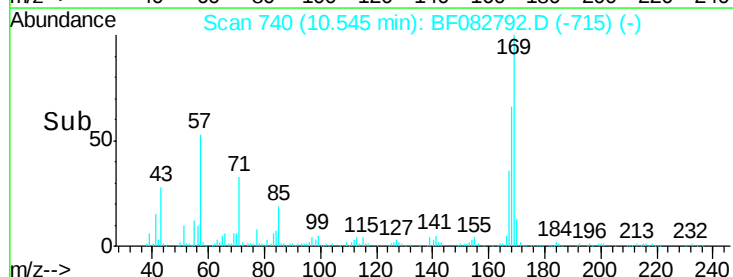
167 36.0 30.5 45.7

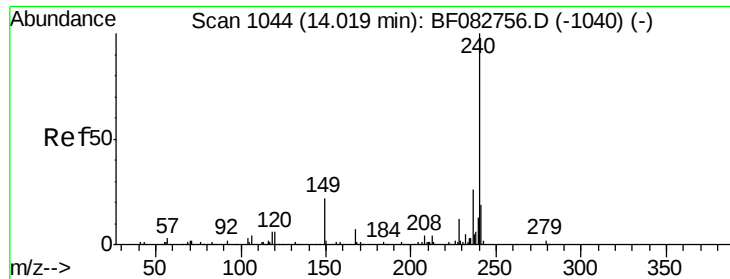


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

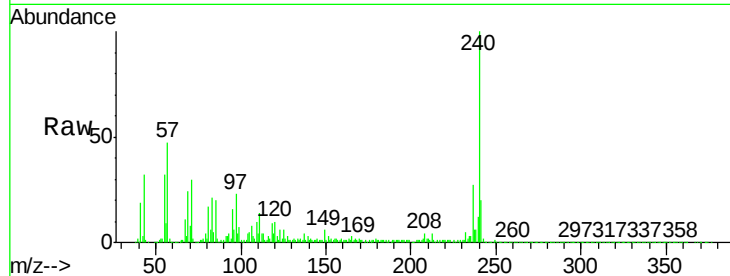
Tot Ion:240 Resp: 560993

Ion Ratio Lower Upper

240 100

120 10.4 10.9 16.3#

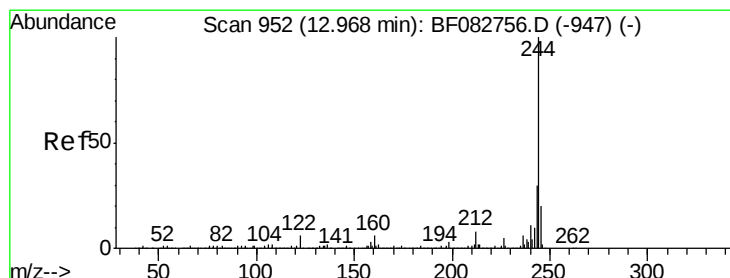
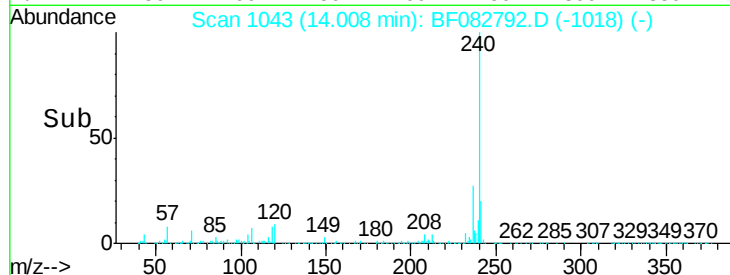
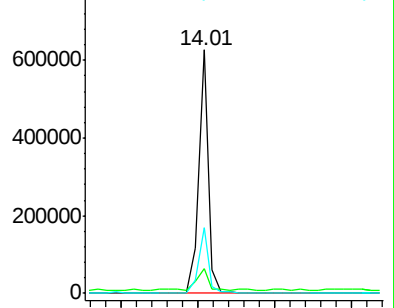
236 27.1 21.6 32.4



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: 77.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

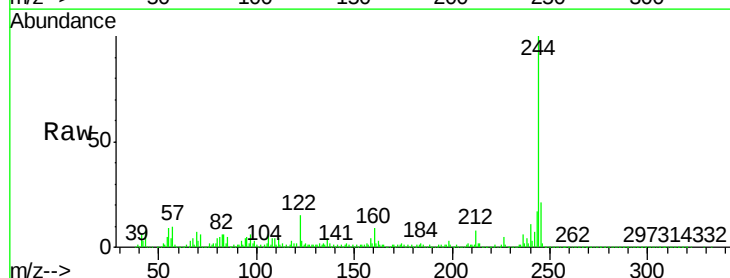
Tgt Ion:244 Resp: 1842879

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

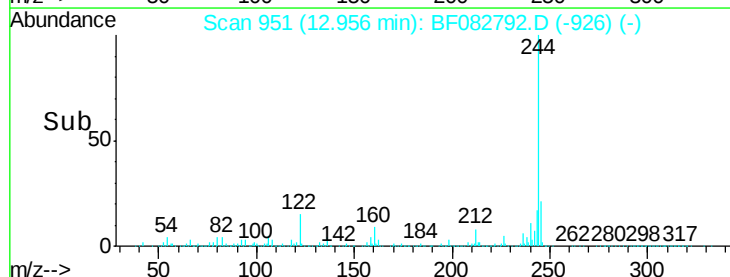
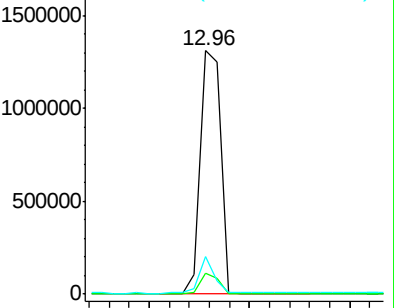
122 15.2 11.3 16.9

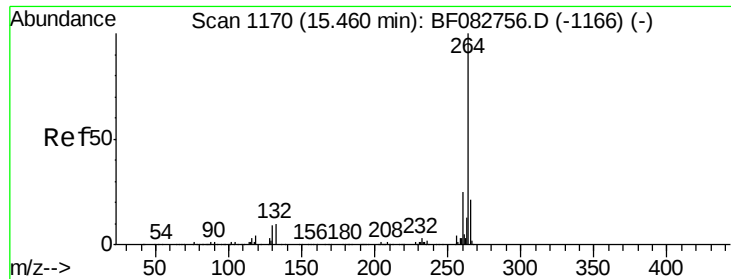


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

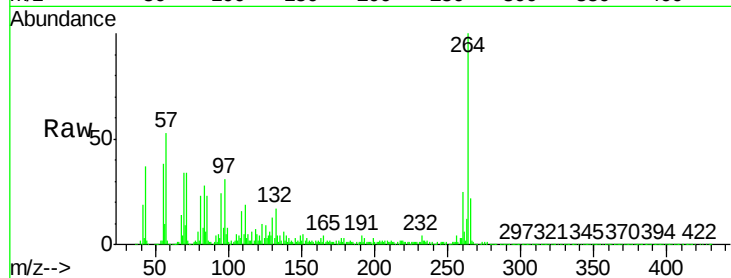




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
TEC-13

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.7	19.8	29.6	
265	22.0	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

