

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 08 23:55:49 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

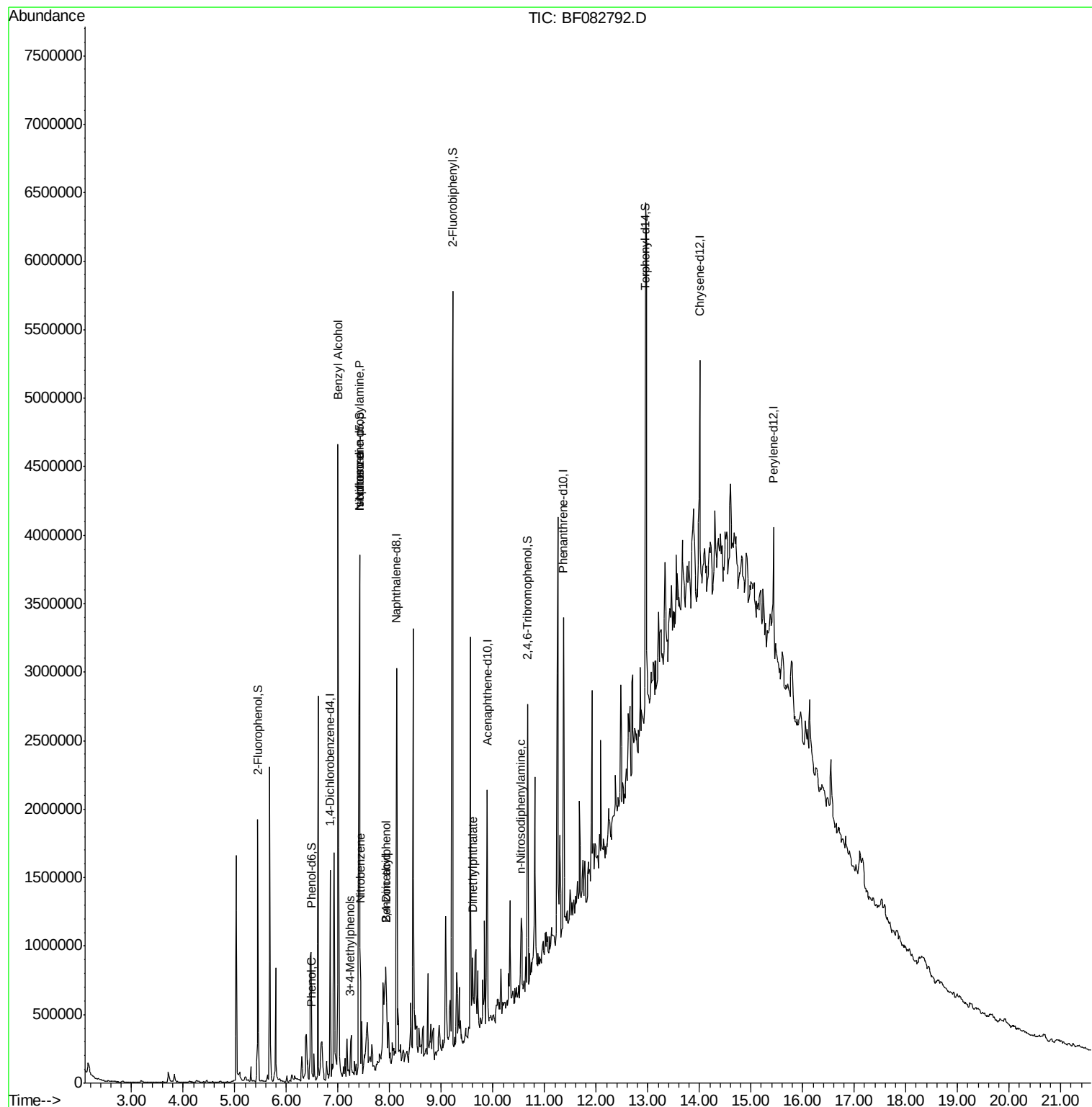
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	255237	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1019453	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	474786	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	825879	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	560993	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
15) Benzyl Alcohol	7.00	79	40478	2.11	ng	# 64
19) n-Nitroso-di-n-propylamine	7.41	70	233507	14.57	ng	# 64
20) 3+4-Methylphenols	7.24	107	55550	2.77	ng	# 42
24) Nitrobenzene	7.42	77	96736	4.04	ng	# 48
25) Isophorone	7.41	82	1556383	35.90	ng	# 70
27) 2,4-Dimethylphenol	7.93	122	481557	26.80	ng	# 1
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

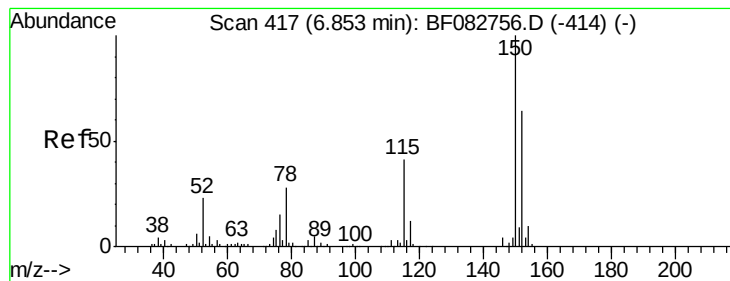
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
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Sample : G4244-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
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TEC-13

Quant Time: Nov 08 23:55:49 2015
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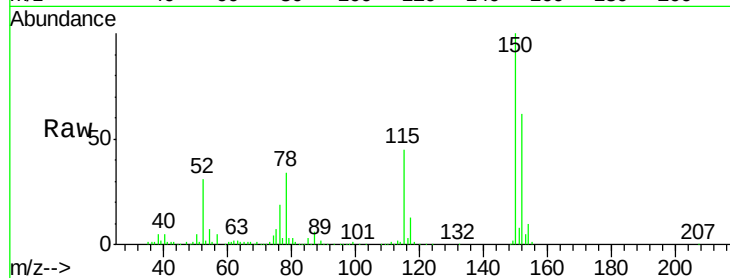


#1

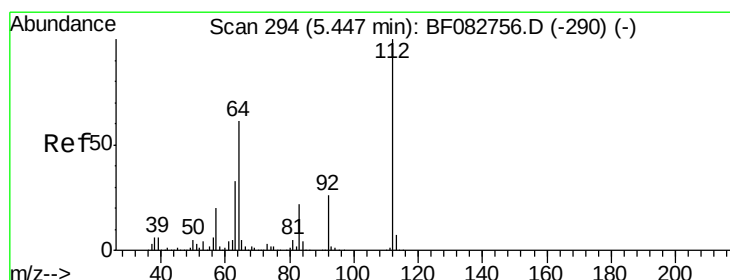
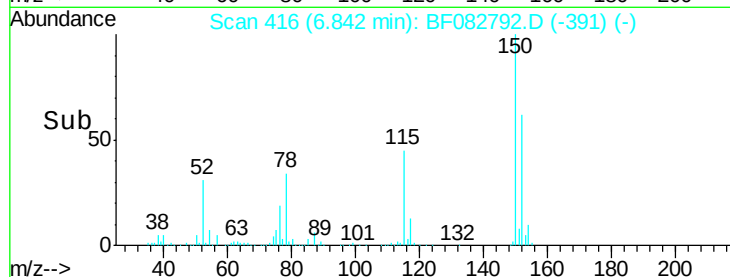
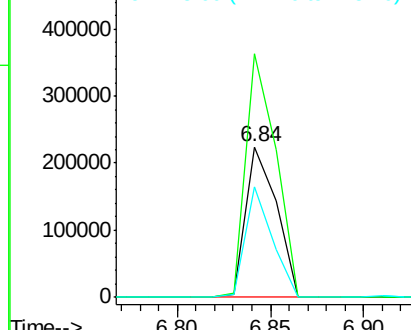
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

Instrument :
BNA_F
ClientSampleId :
TEC-13

Tgt Ion:152 Resp: 255237
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.4
115 73.3 47.0 70.6#



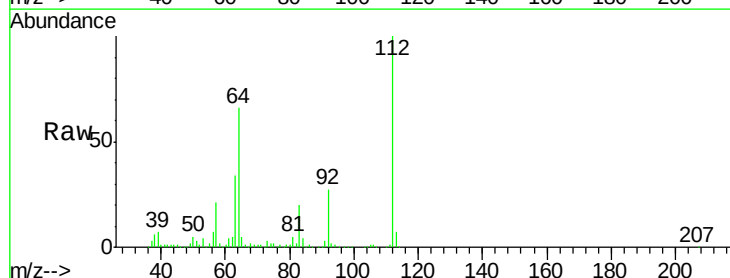
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



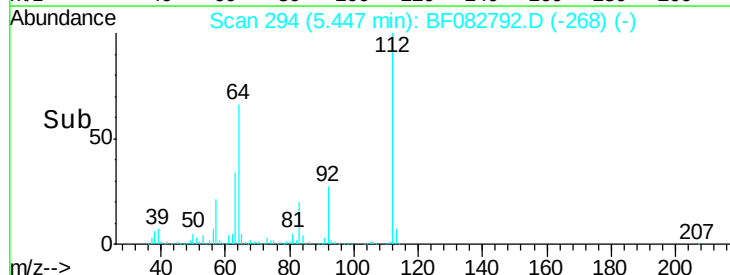
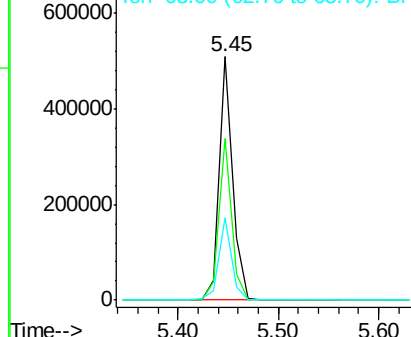
#5

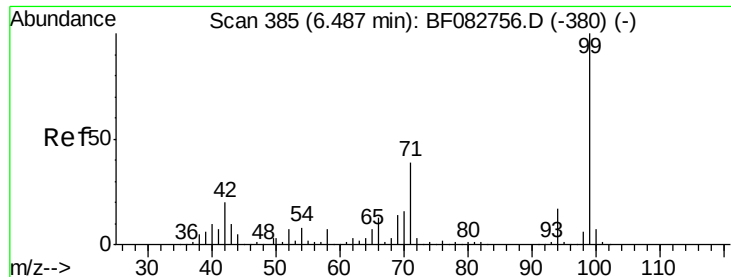
2-Fluorophenol
Concen: 28.63 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

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

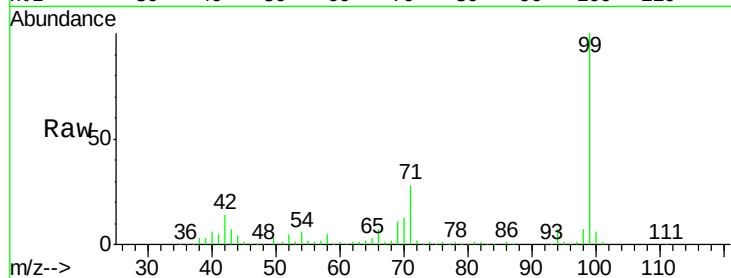
Tgt Ion: 99 Resp: 466872

Ion Ratio Lower Upper

99 100

42 14.0 19.2 28.8#

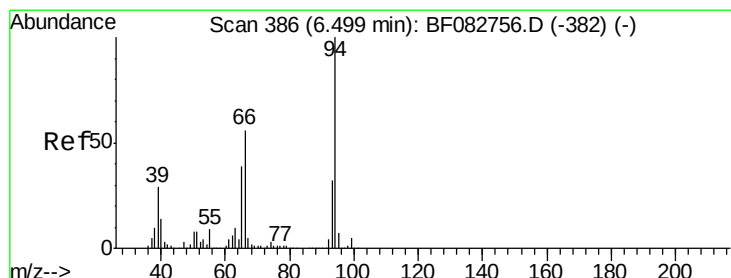
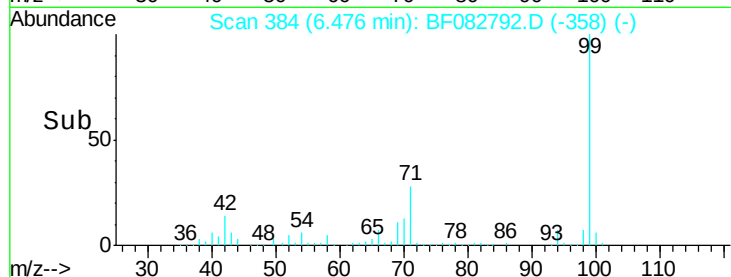
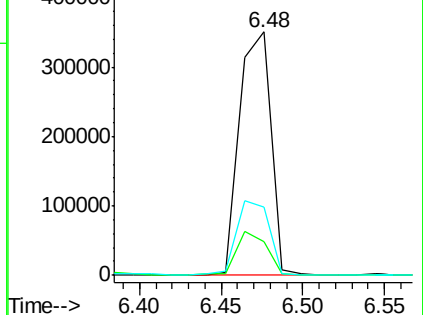
71 28.2 35.0 52.4#



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

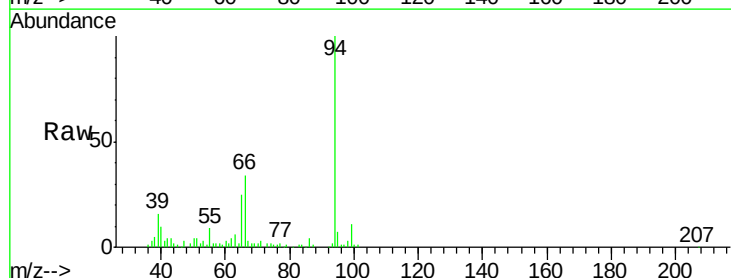
Tgt Ion: 94 Resp: 71812

Ion Ratio Lower Upper

94 100

65 25.3 18.9 58.9

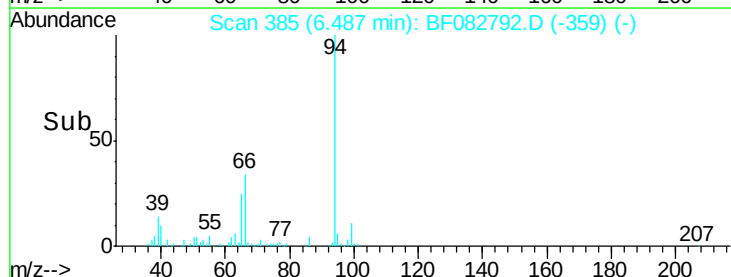
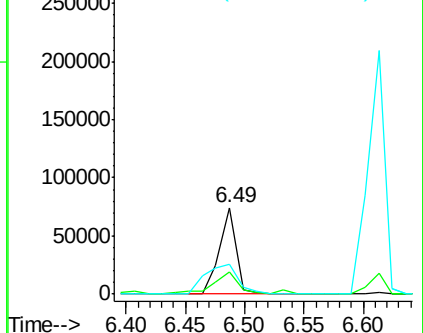
66 34.1 34.9 74.9#

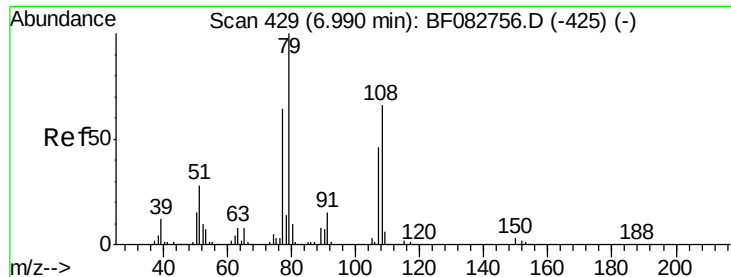


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

TEC-13

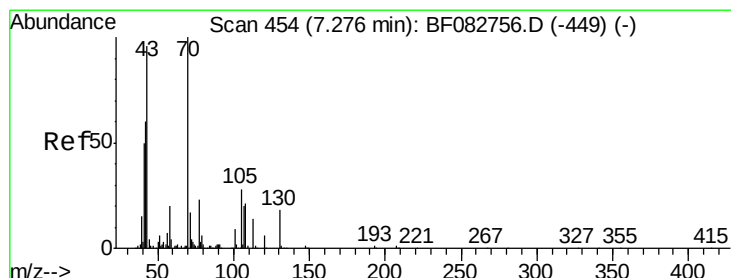
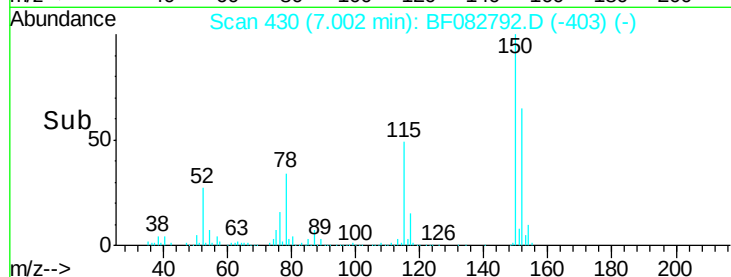
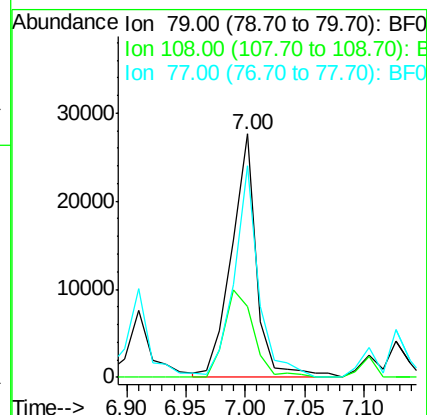
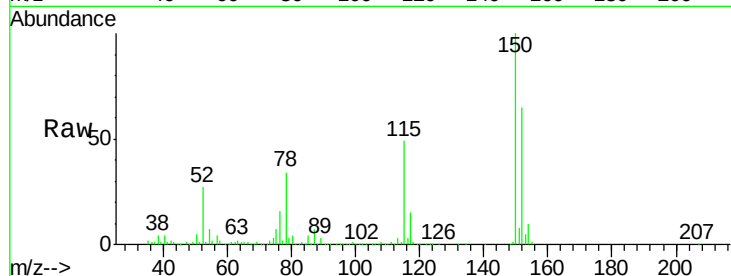
Tgt Ion: 79 Resp: 40478

Ion Ratio Lower Upper

79 100

108 29.1 52.2 78.4#

77 86.7 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Tgt Ion: 70 Resp: 233507

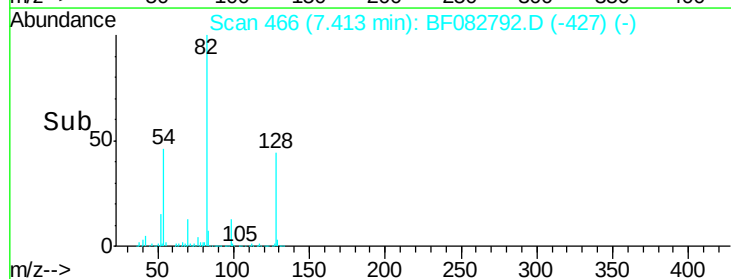
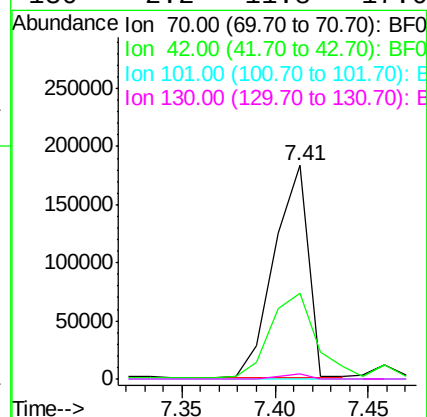
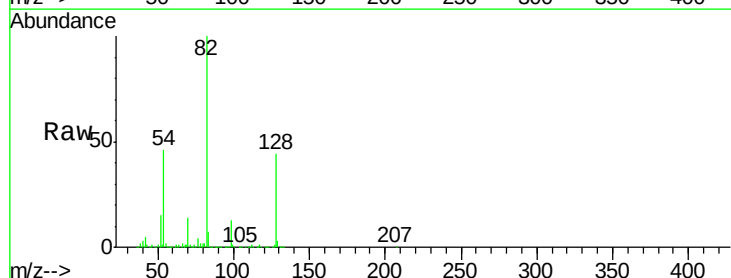
Ion Ratio Lower Upper

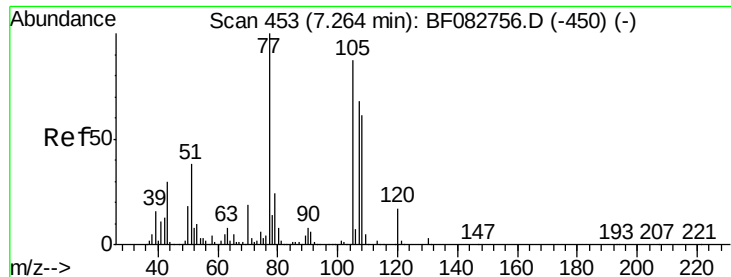
70 100

42 40.0 57.7 86.5#

101 0.0 7.0 10.6#

130 2.2 11.8 17.6#





#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

Tgt Ion:107 Resp: 55550

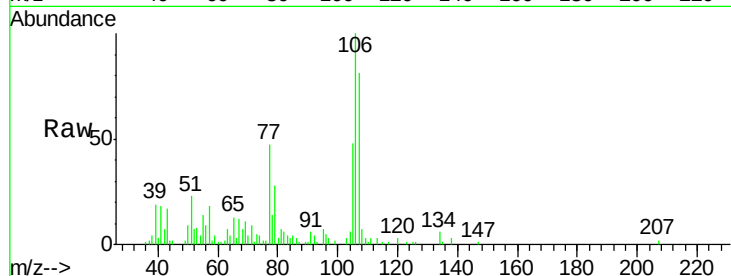
Ion Ratio Lower Upper

107 100

108 9.2 67.3 107.3#

77 58.1 100.3 140.3#

79 34.4 16.2 56.2

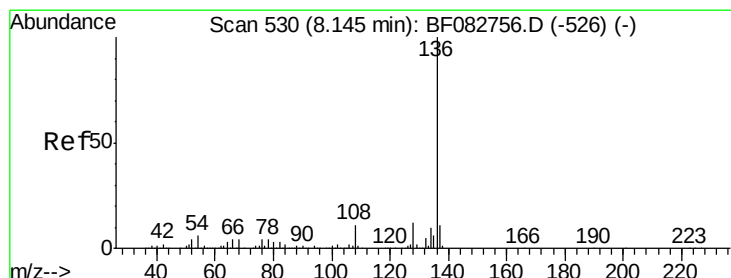
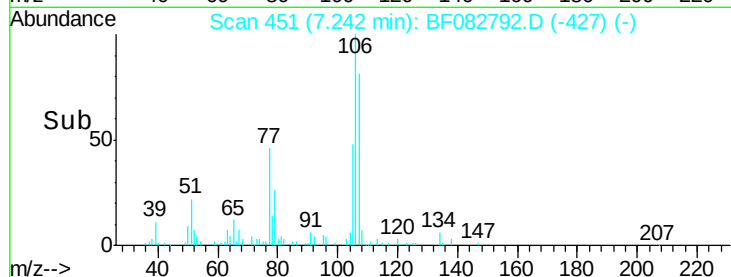
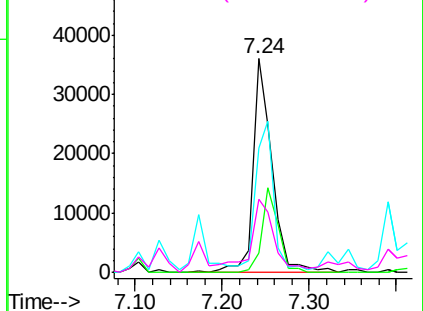


Abundance Ion 107.00 (106.70 to 107.70): E

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

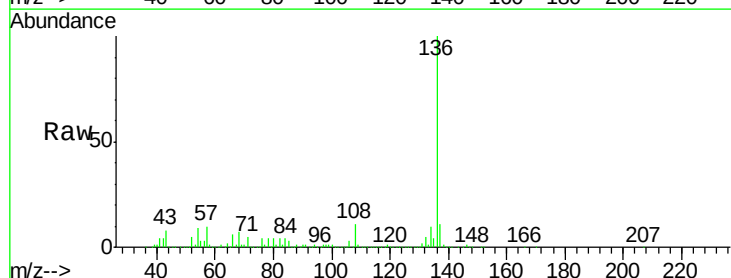
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.4 9.1 13.7

68 6.6 4.8 7.2

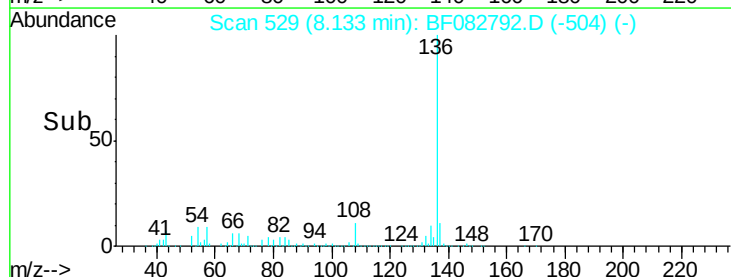
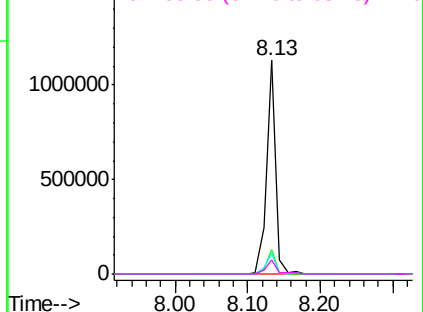


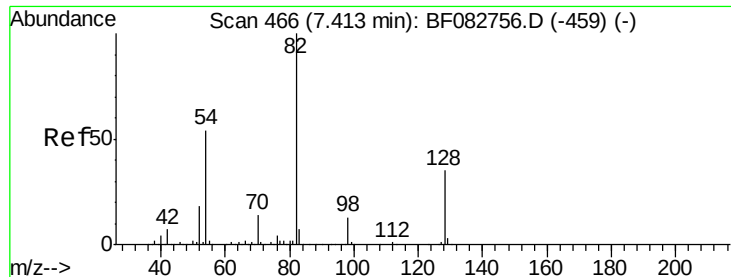
Abundance Ion 136.00 (135.70 to 136.70): E

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

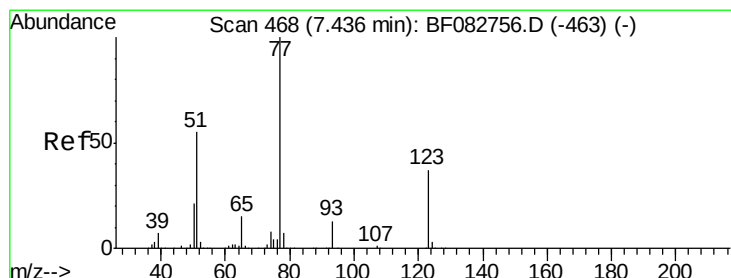
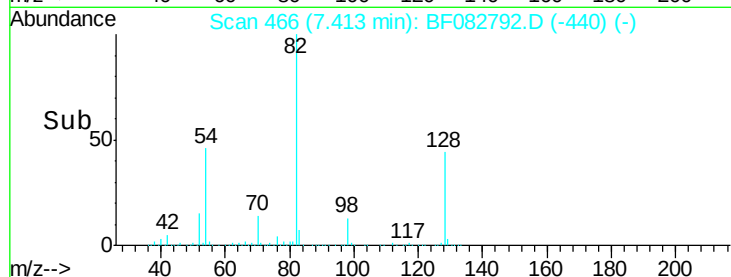
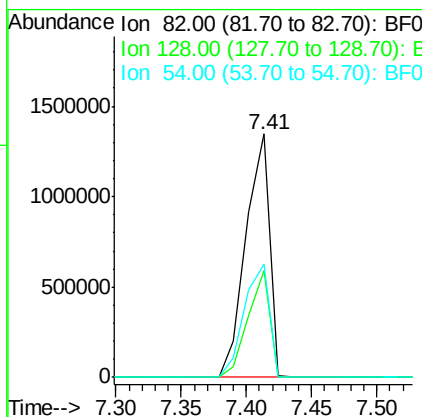
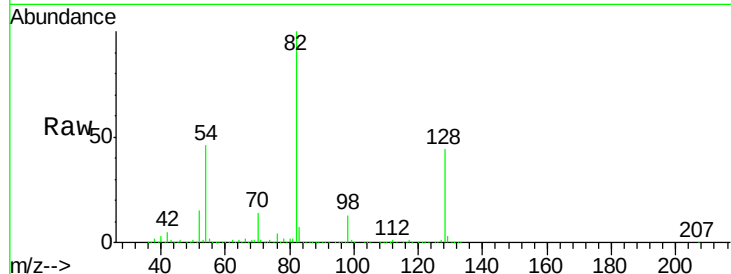




#23
 Nitrobenzene-d5
 Concen: 72.52 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082792.D
 Acq: 7 Nov 2015 6:12

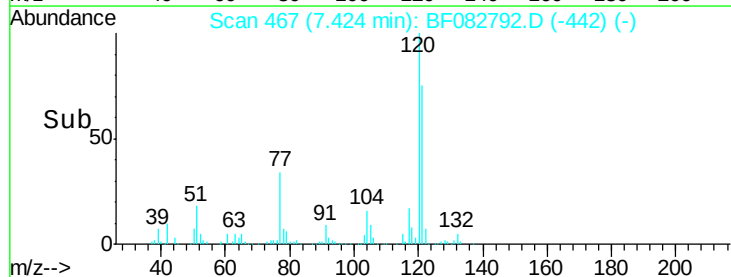
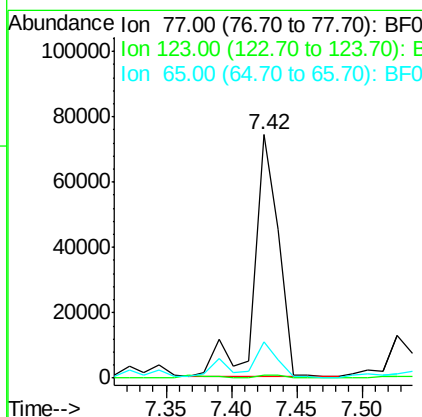
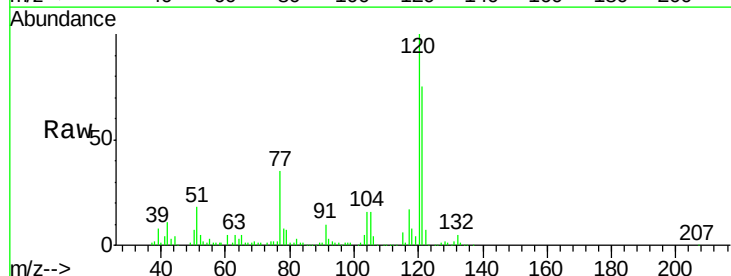
Instrument :
 BNA_F
 ClientSampled :
 TEC-13

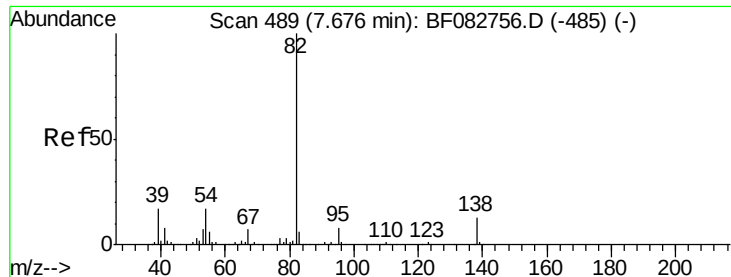
Tgt Ion: 82 Resp: 1699020
 Ion Ratio Lower Upper
 82 100
 128 43.6 26.8 40.2#
 54 46.3 45.7 68.5



#24
 Nitrobenzene
 Concen: 4.04 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF082792.D
 Acq: 7 Nov 2015 6:12

Tgt Ion: 77 Resp: 96736
 Ion Ratio Lower Upper
 77 100
 123 1.0 36.4 54.6#
 65 14.7 11.5 17.3





#25

Isophorone

Concen: 35.90 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

Instrument :

BNA_F

ClientSampled :

TEC-13

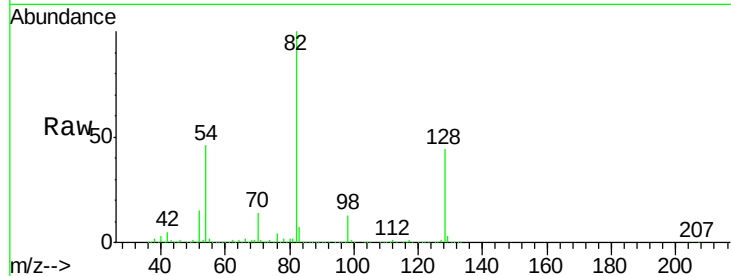
Tgt Ion: 82 Resp: 1556383

Ion Ratio Lower Upper

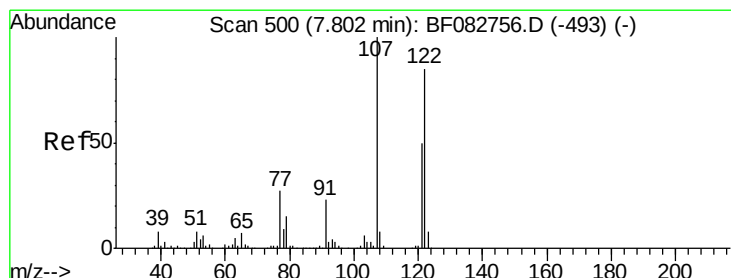
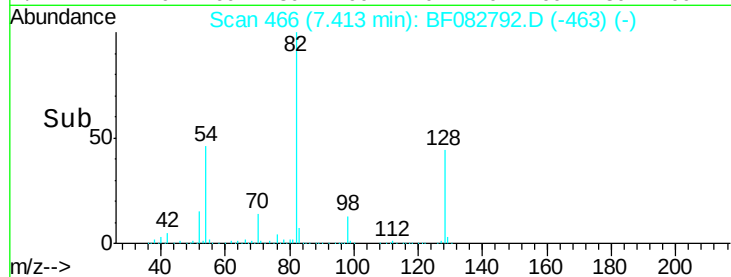
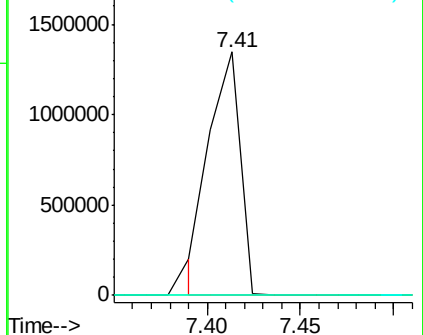
82 100

95 0.1 6.6 9.8#

138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 26.80 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.14 min

Lab File: BF082792.D

Acq: 7 Nov 2015 6:12

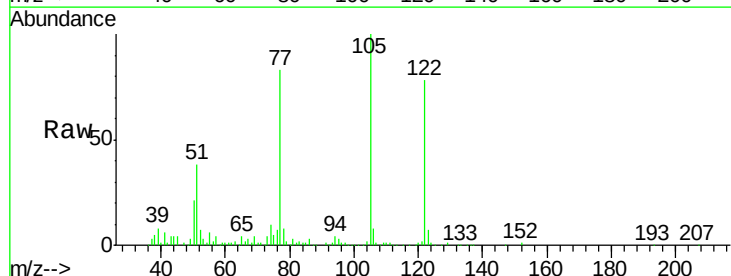
Tgt Ion: 122 Resp: 481557

Ion Ratio Lower Upper

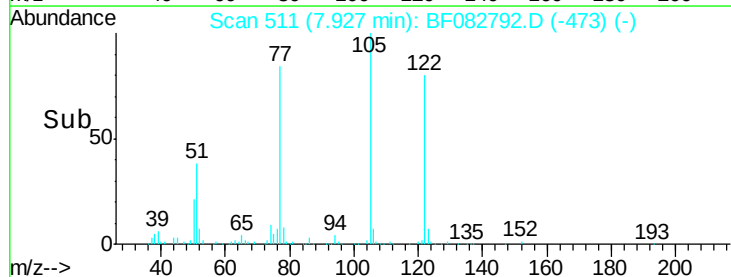
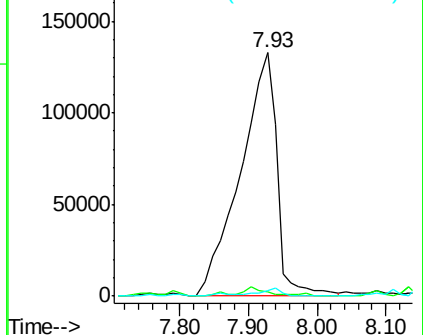
122 100

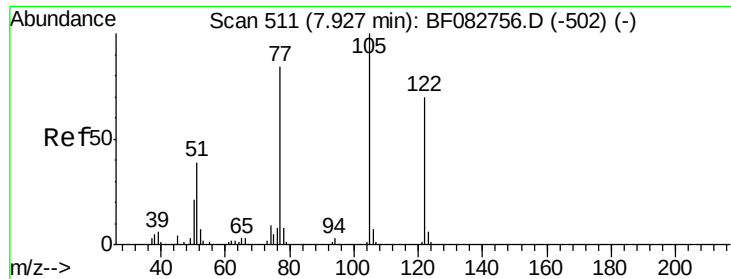
107 1.7 106.0 159.0#

121 2.1 46.7 70.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

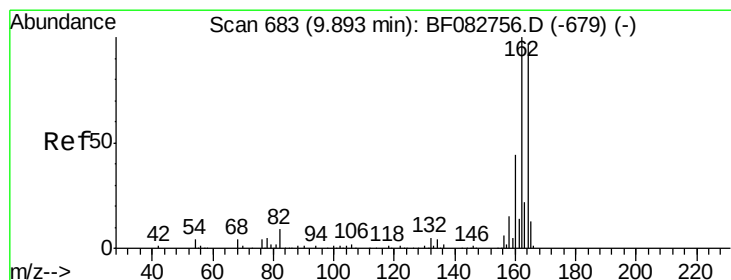
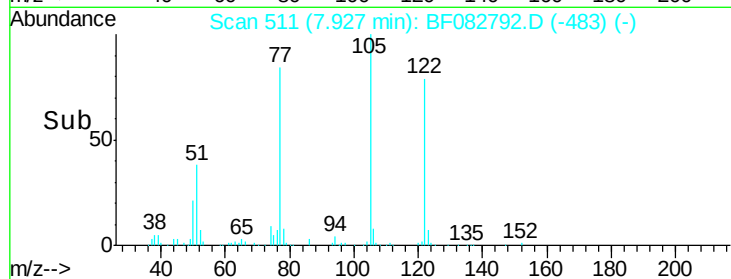
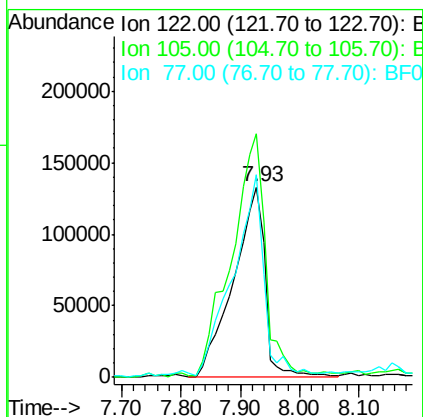
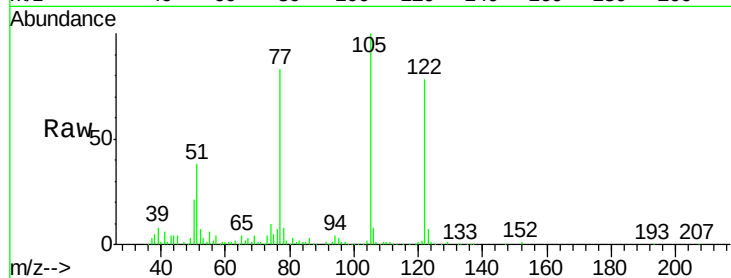




#32
Benzoic acid
Concen: 39.34 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF082792.D
Acq: 7 Nov 2015 6:12

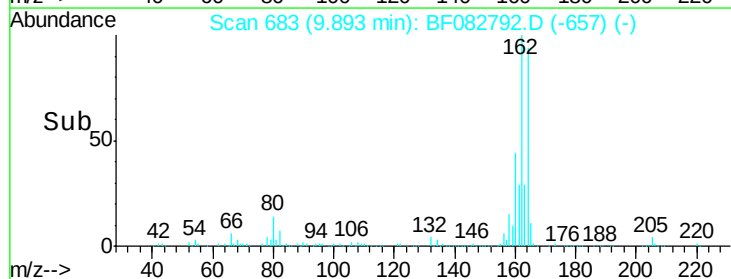
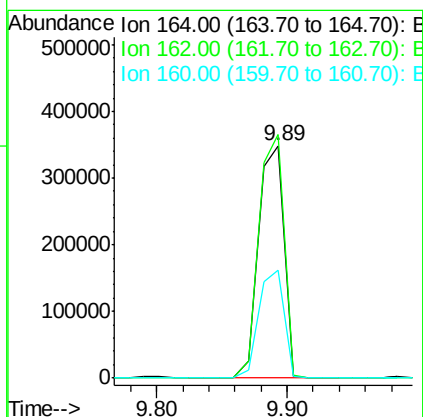
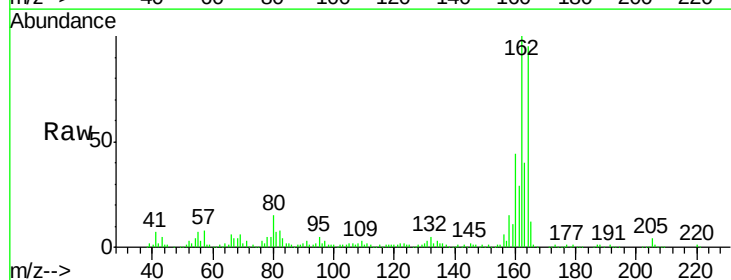
Instrument :
BNA_F
ClientSampleId :
TEC-13

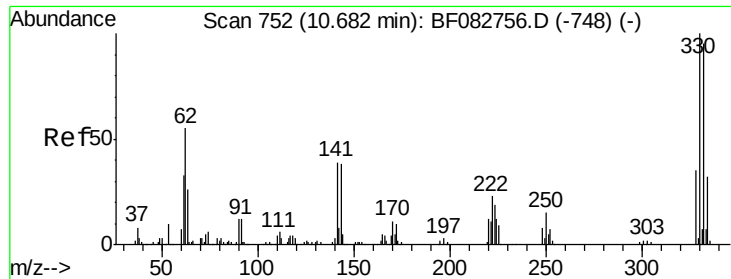
Tgt Ion:122 Resp: 483933
Ion Ratio Lower Upper
122 100
105 128.1 122.6 162.6
77 106.9 100.9 140.9



#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

Tgt Ion:164 Resp: 474786
Ion Ratio Lower Upper
164 100
162 104.9 84.9 127.3
160 46.6 37.5 56.3

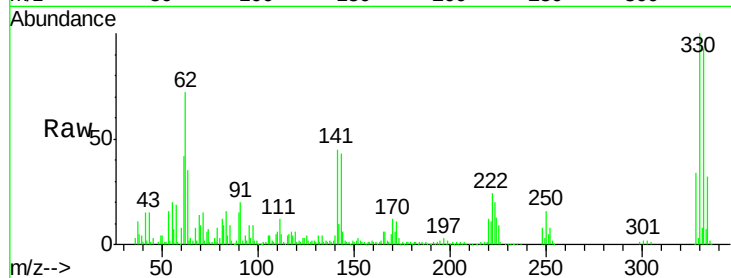




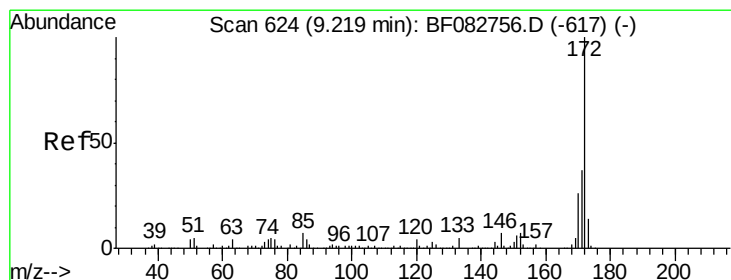
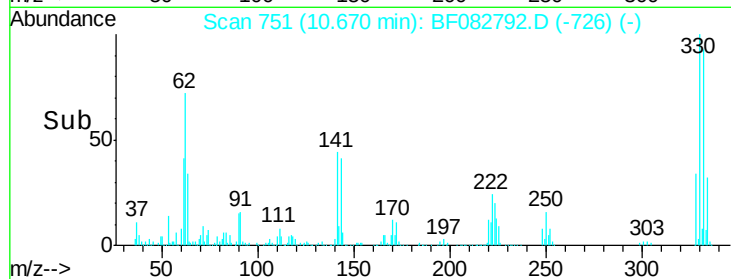
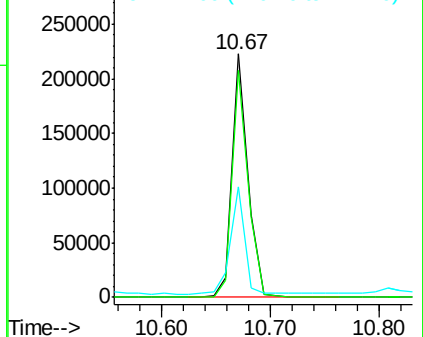
#41
 2,4,6-Tribromophenol
 Concen: 40.73 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082792.D
 Acq: 7 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 TEC-13

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#

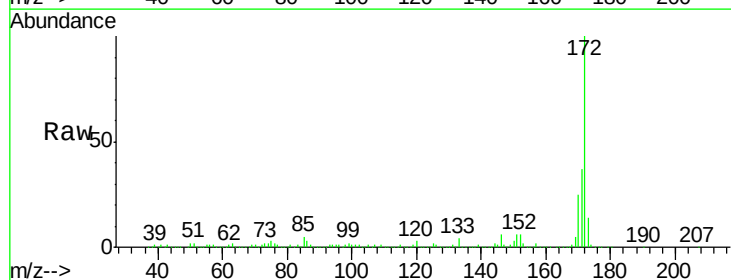


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

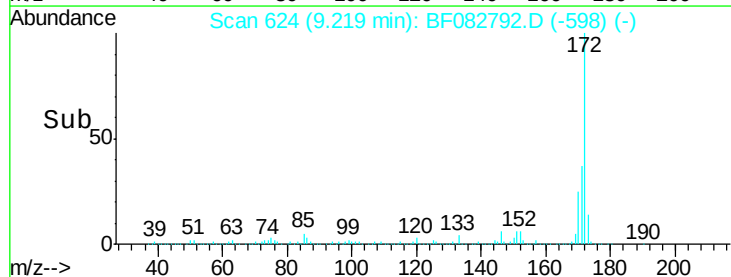
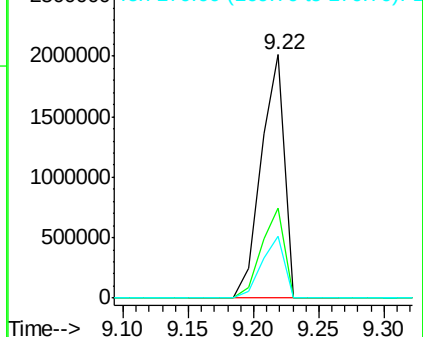


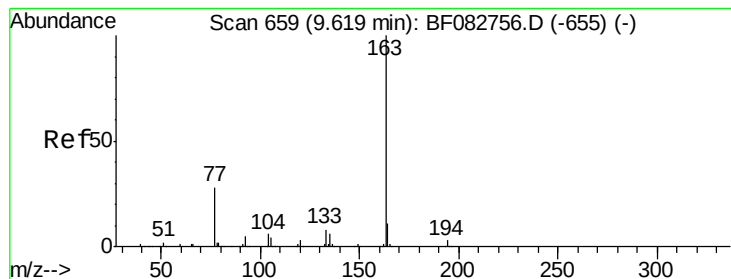
#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082792.D
 Acq: 7 Nov 2015 6:12

Tgt 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

Instrument :

BNA_F

ClientSampleId :

TEC-13

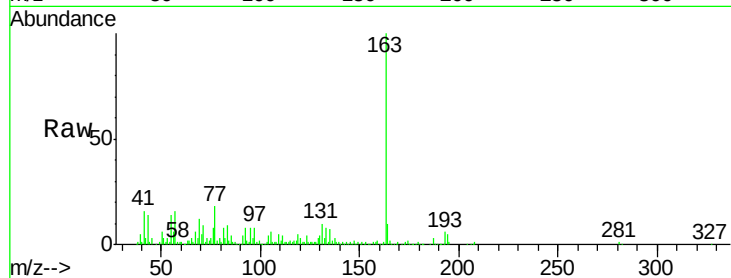
Tgt Ion:163 Resp: 173770

Ion Ratio Lower Upper

163 100

194 4.7 2.6 4.0#

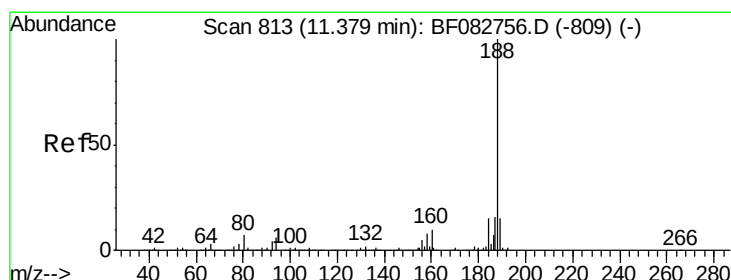
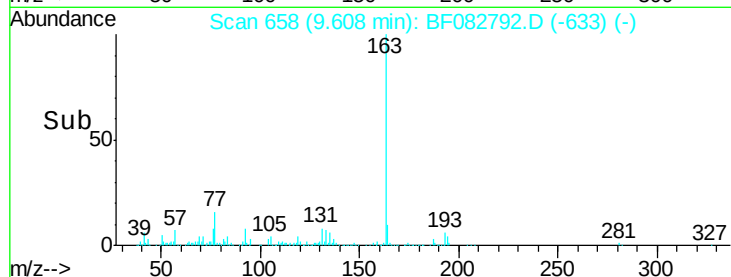
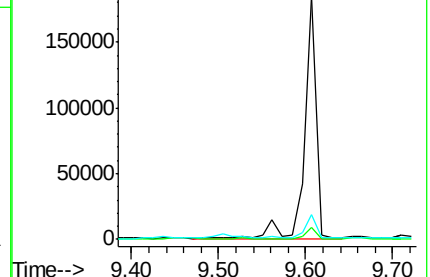
164 10.0 8.7 13.1



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

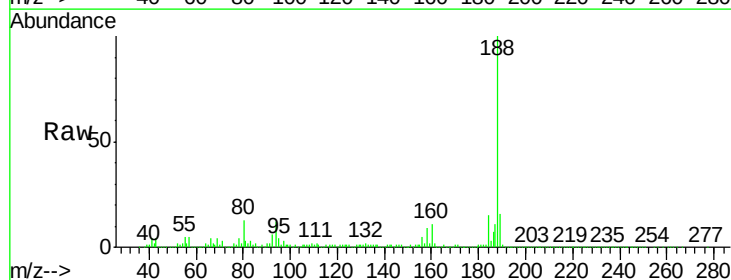
Tgt Ion:188 Resp: 825879

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

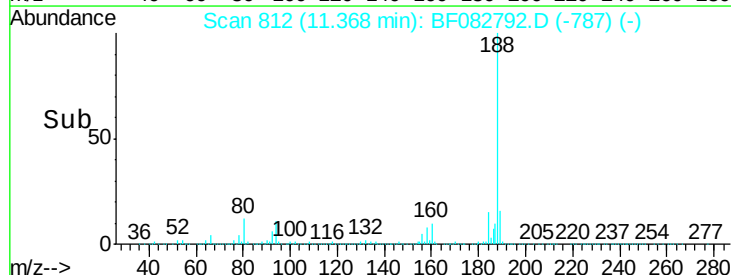
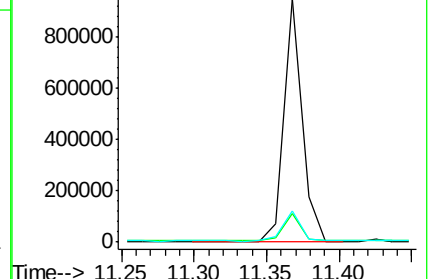
80 12.9 7.0 10.6#

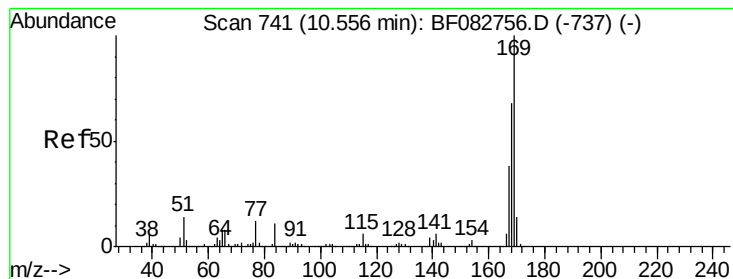


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampled :

TEC-13

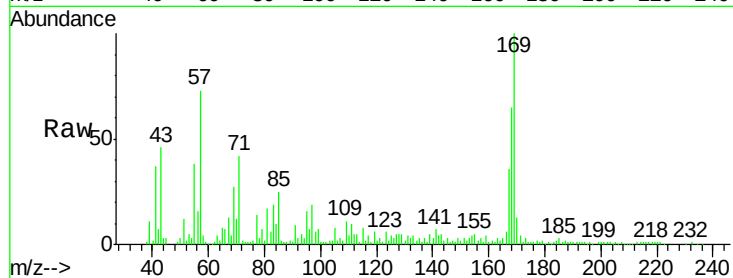
Tgt Ion:169 Resp: 112613

Ion Ratio Lower Upper

169 100

168 65.3 55.0 82.6

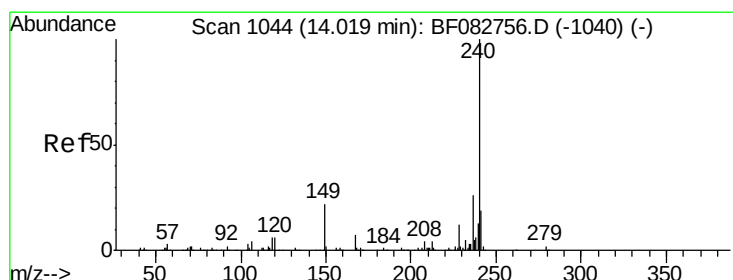
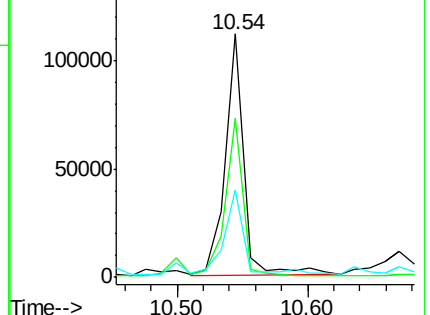
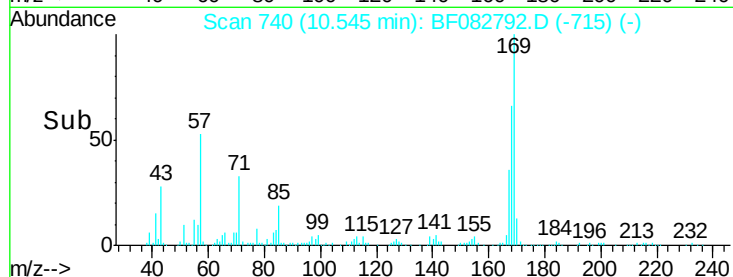
167 36.0 30.5 45.7



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

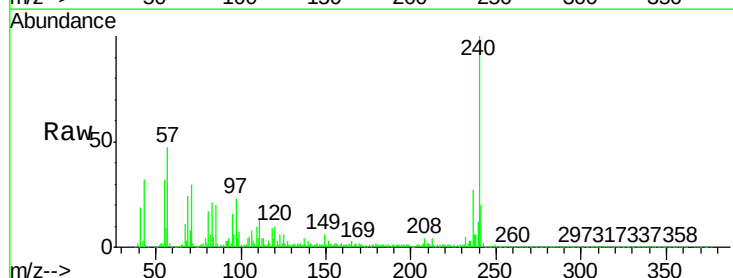
Tgt Ion:240 Resp: 560993

Ion Ratio Lower Upper

240 100

120 10.4 10.9 16.3#

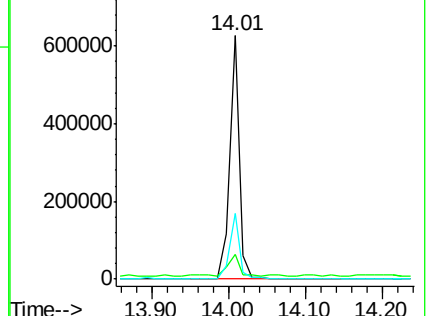
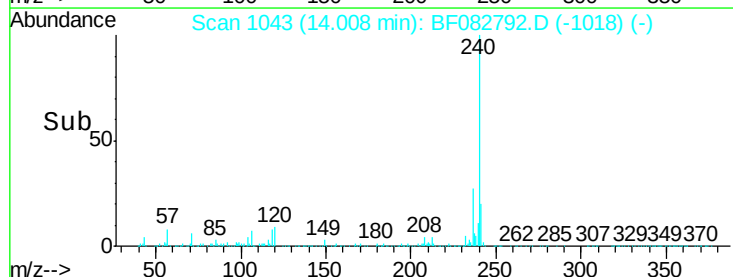
236 27.1 21.6 32.4

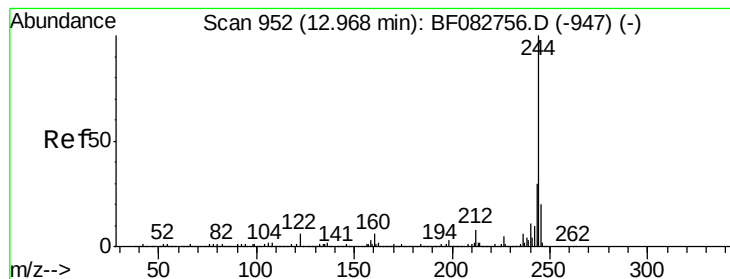


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

TEC-13

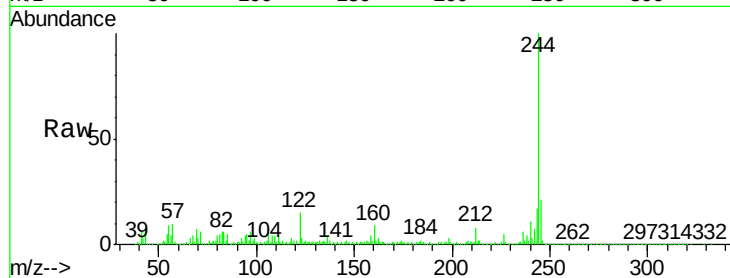
Tgt Ion:244 Resp: 1842879

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

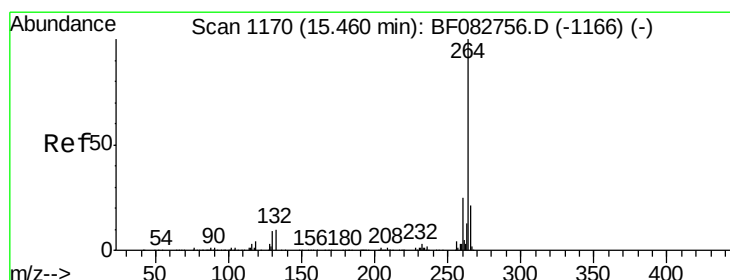
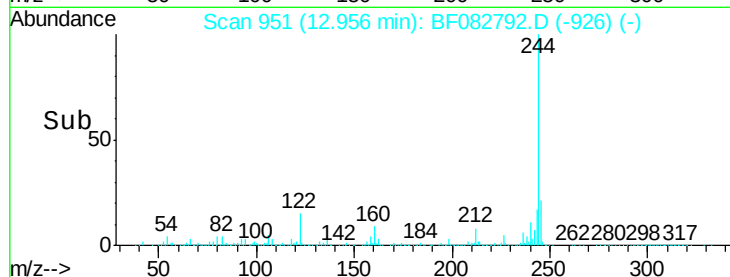
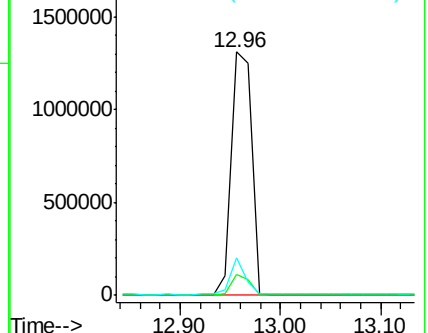
122 15.2 11.3 16.9



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

Perylene-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

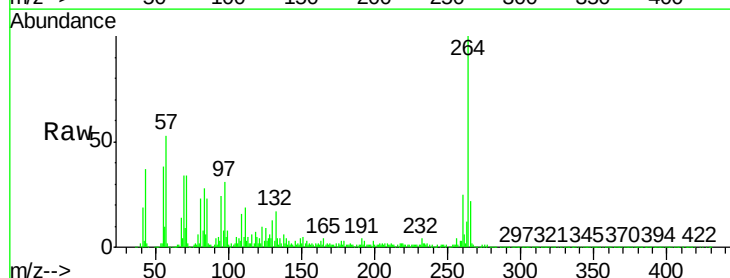
Tgt Ion:264 Resp: 489306

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

