

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091697.D
 Acq On : 17 Dec 2016 2:31
 Operator : UM/SJ
 Sample : H5940-09RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Quant Time: Dec 17 04:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

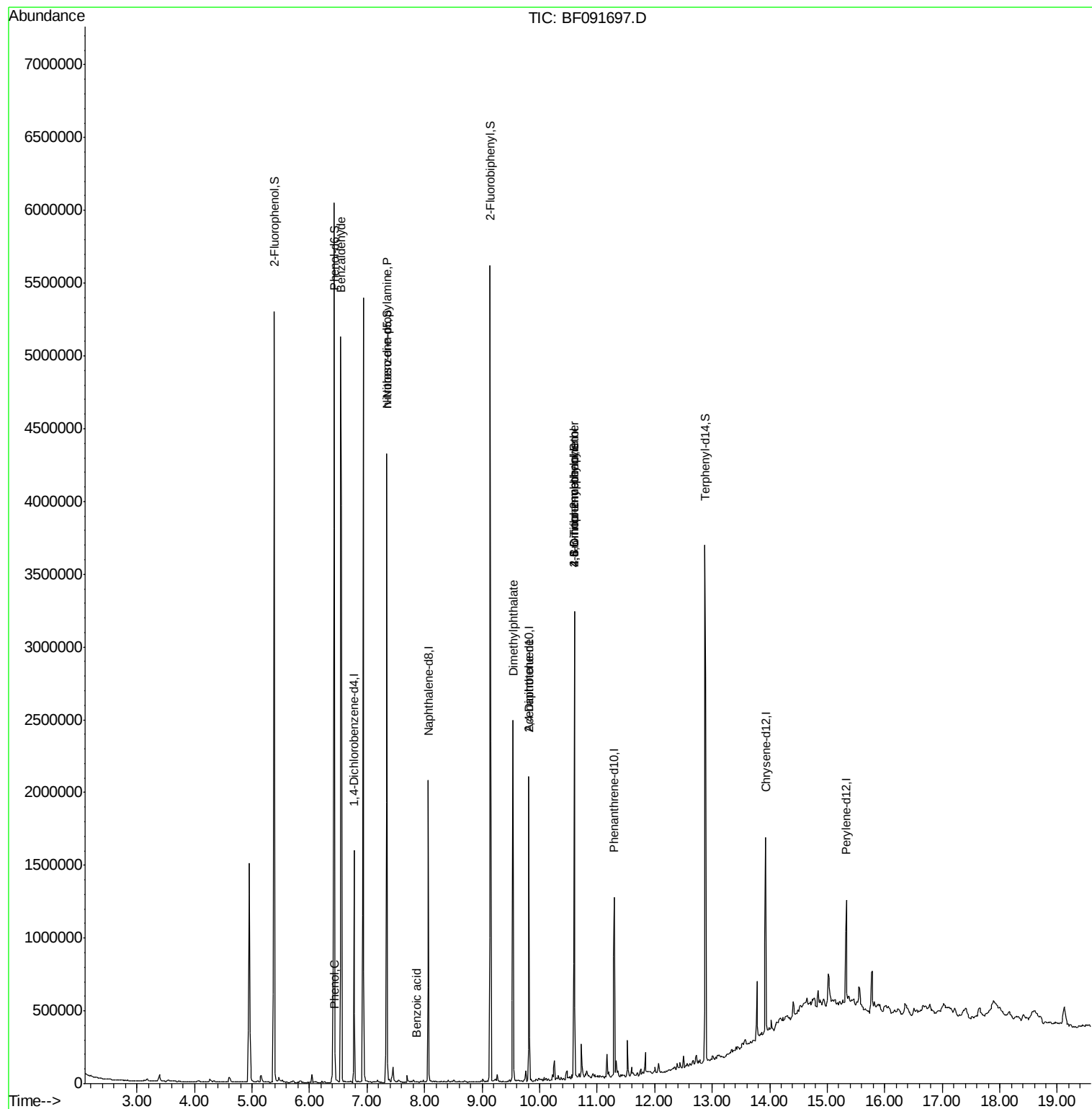
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	235013	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	966793	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418210	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	585516	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	512642	20.00	ng	-0.01
86) Perylene-d12	15.33	264	378672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1979776	141.92	ng	0.01
7) Phenol-d6	6.43	99	2526424	145.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	1592102	91.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	355901	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2085575	86.17	ng	-0.01
78) Terphenyl-d14	12.88	244	1545354	68.40	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.54	77	44227	3.70	ng	Qvalue 86
10) Phenol	6.44	94	44633	2.20	ng	# 72
19) n-Nitroso-di-n-propylamine	7.34	70	216585	19.92	ng	# 64
20) 3+4-Methylphenols	7.21	107	541	Below Cal	#	57
32) Benzoic acid	7.86	122	208	4.92	ng	# 1
49) Dimethylphthalate	9.54	163	955321	36.08	ng	100
56) 2,4-Dinitrotoluene	9.81	165	54246	7.45	ng	# 34
57) Fluorene	10.36	166	1103	Below Cal	#	75
64) 4,6-Dinitro-2-methylphenol	10.60	198	687	3.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	23087	3.85	ng	# 1

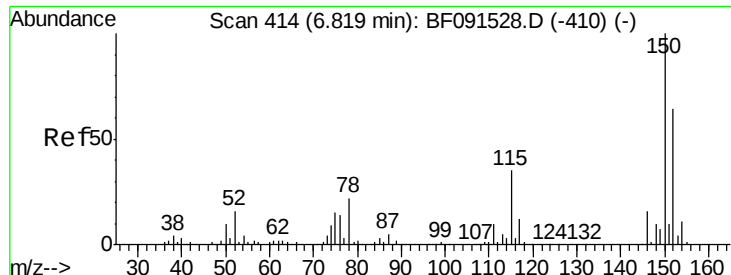
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Quant Time: Dec 17 04:08:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

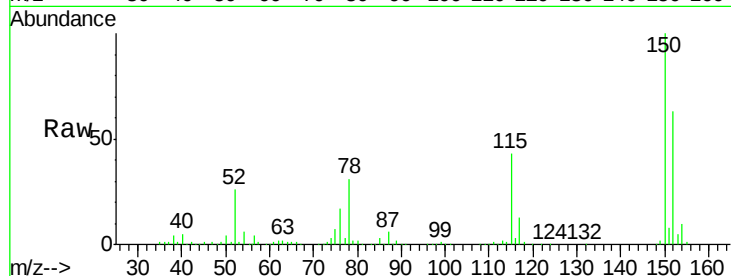
Tgt Ion:152 Resp: 235013

Ion Ratio Lower Upper

152 100

150 158.1 122.5 183.7

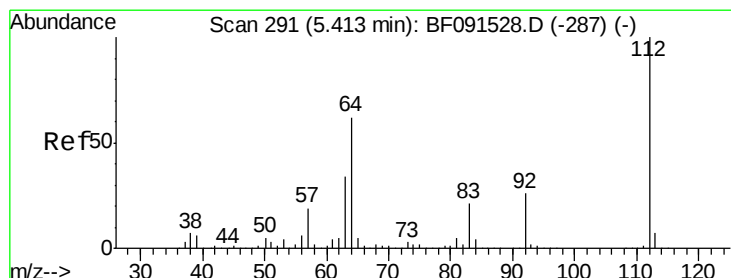
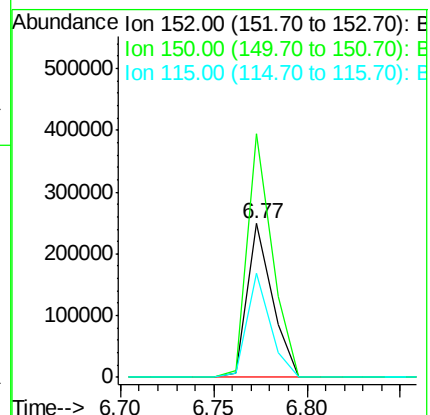
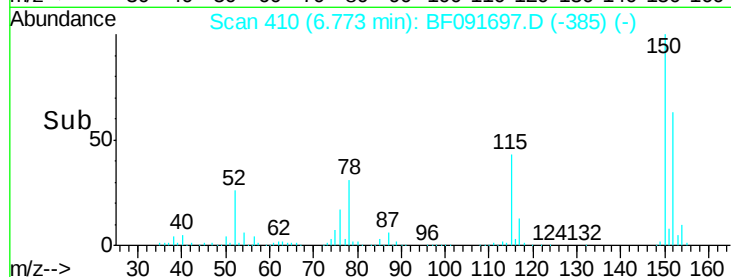
115 67.8 51.8 77.8



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: 141.92 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

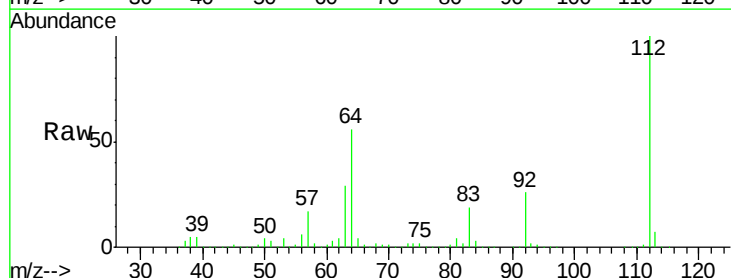
Tgt Ion:112 Resp: 1979776

Ion Ratio Lower Upper

112 100

64 56.1 61.5 92.3#

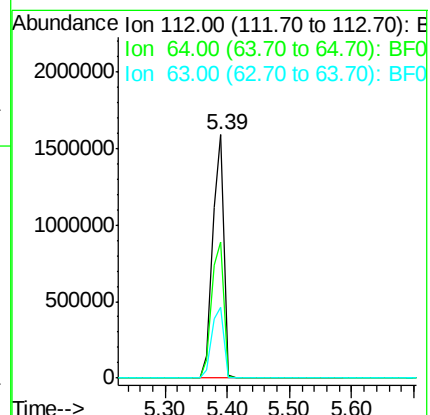
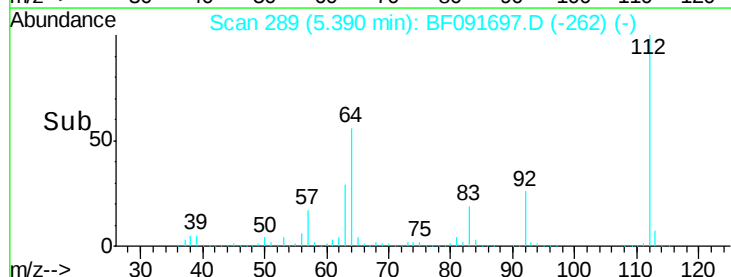
63 29.2 33.3 49.9#



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: 145.28 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

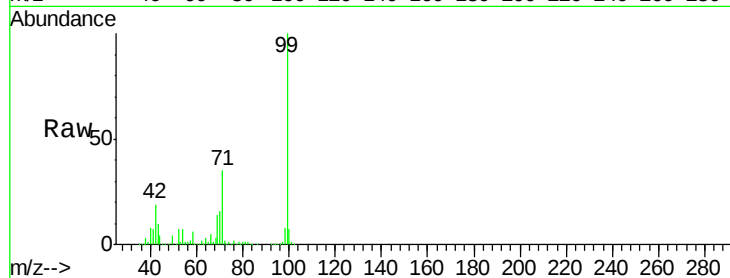
Tgt Ion: 99 Resp: 2526424

Ion Ratio Lower Upper

99 100

42 19.2 20.6 31.0#

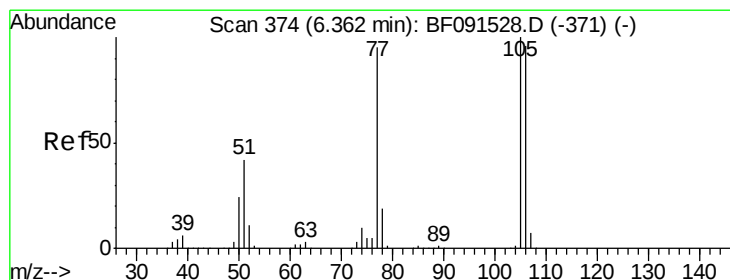
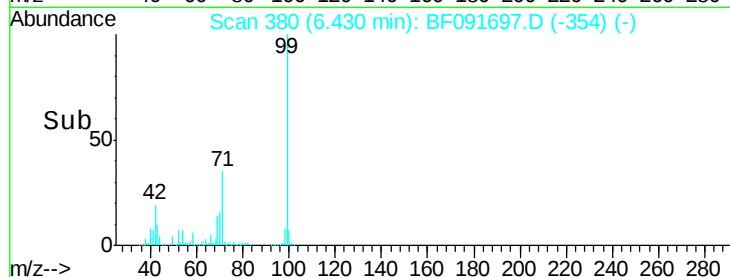
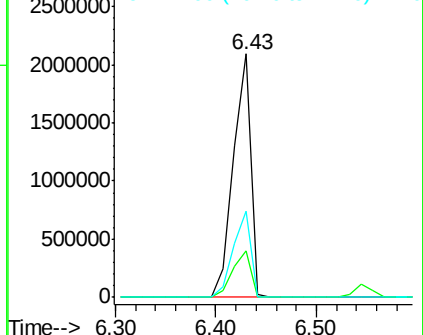
71 35.3 29.9 44.9



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



#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

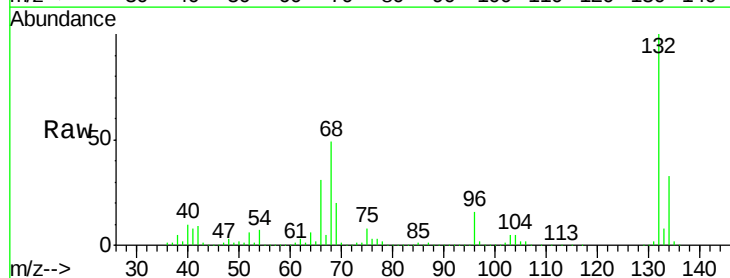
Tgt Ion: 77 Resp: 44227

Ion Ratio Lower Upper

77 100

105 75.4 66.4 106.4

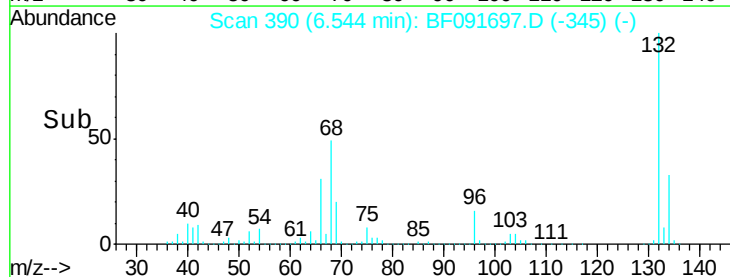
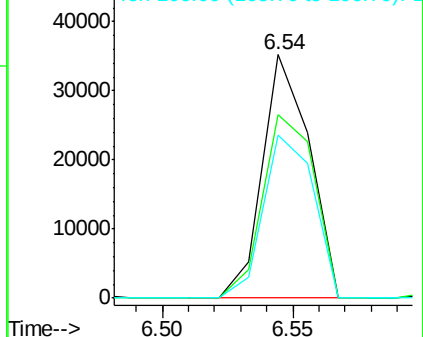
106 66.9 60.9 100.9

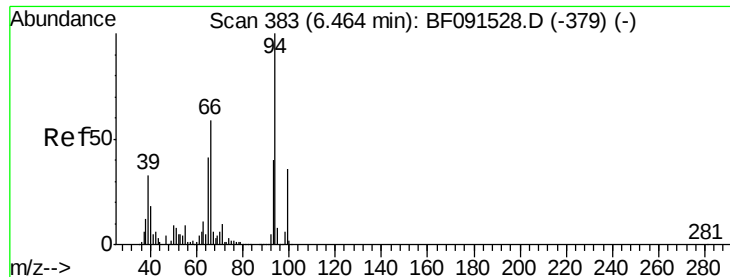


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.20 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

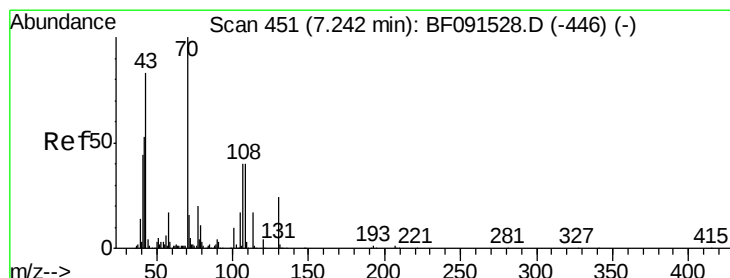
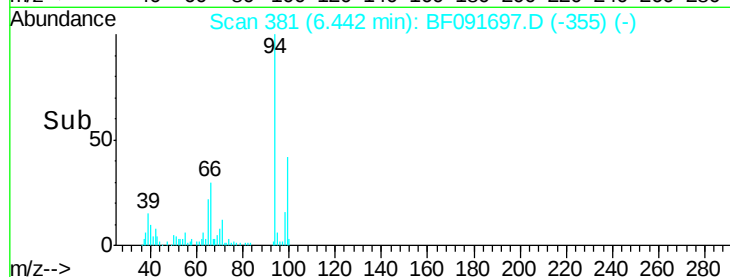
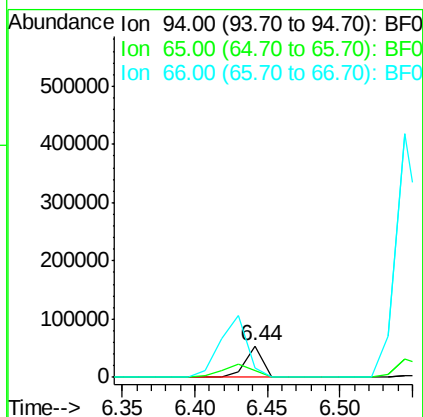
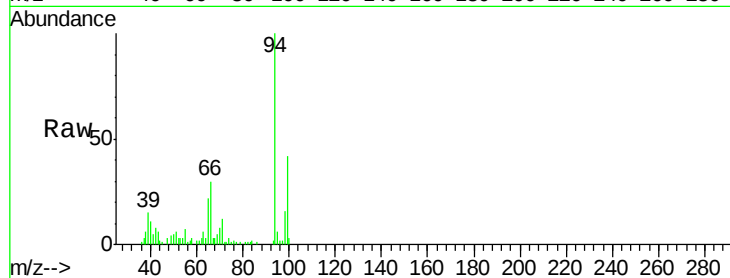
Tgt Ion: 94 Resp: 44633

Ion Ratio Lower Upper

94 100

65 21.7 16.9 56.9

66 30.1 30.6 70.6#



#19

n-Nitroso-di-n-propylamine

Concen: 19.92 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Tgt Ion: 70 Resp: 216585

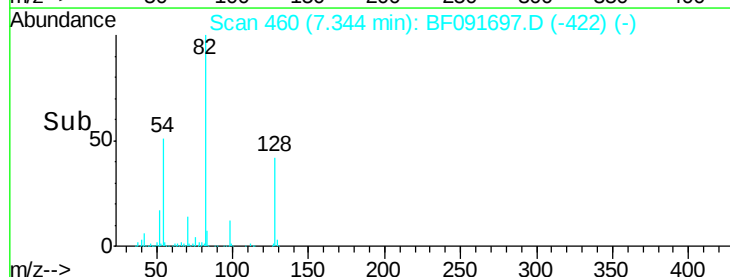
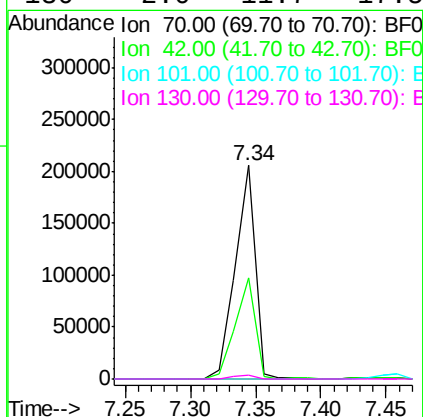
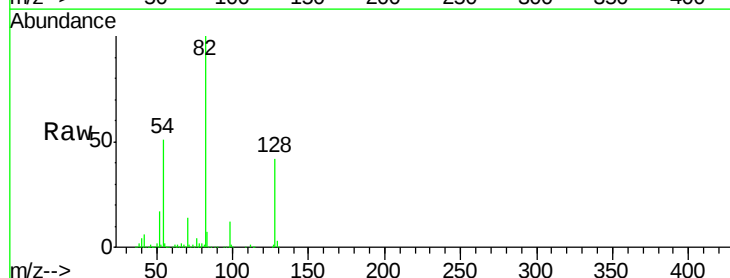
Ion Ratio Lower Upper

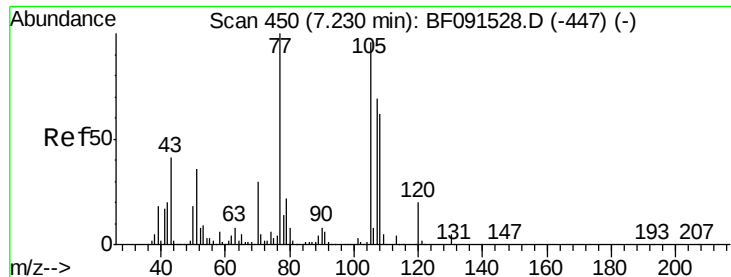
70 100

42 47.5 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

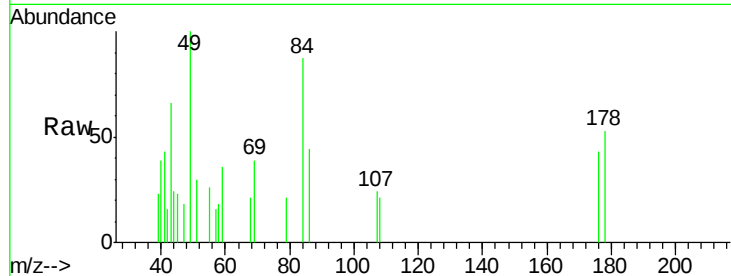




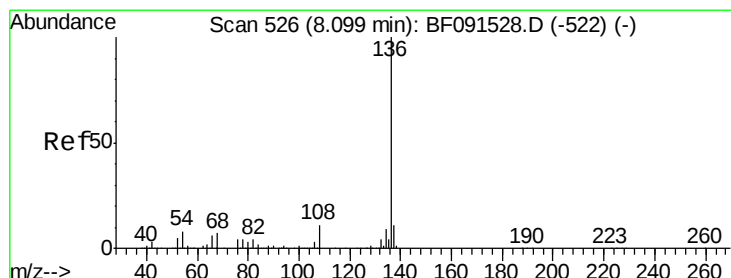
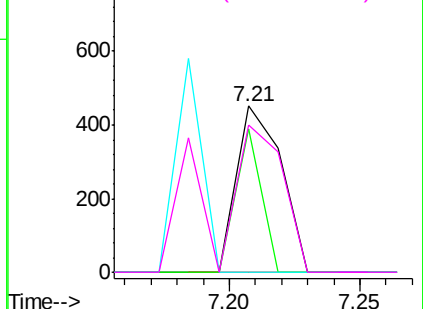
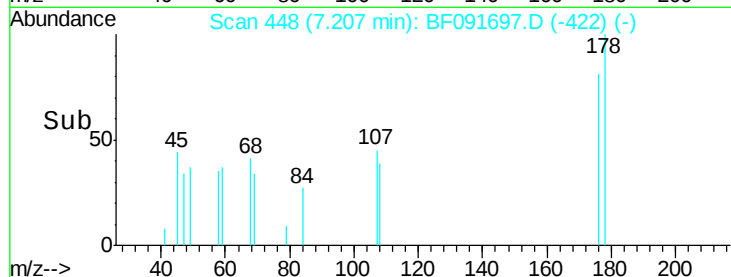
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:107 Resp: 541
Ion Ratio Lower Upper
107 100
108 85.8 64.6 104.6
77 0.0 30.9 70.9#
79 88.3 9.3 49.3#

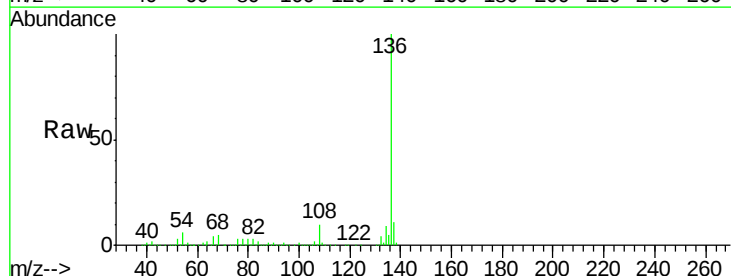


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

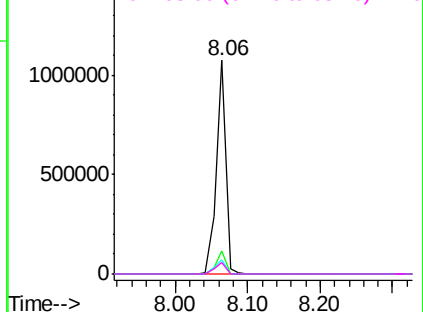
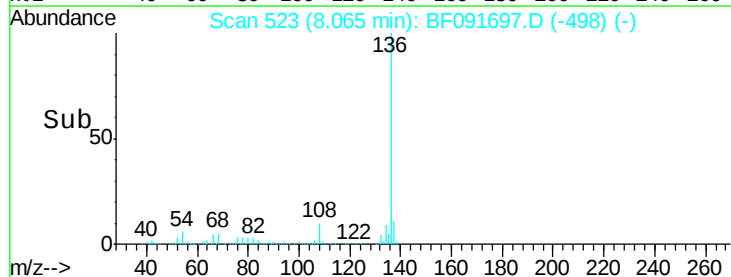


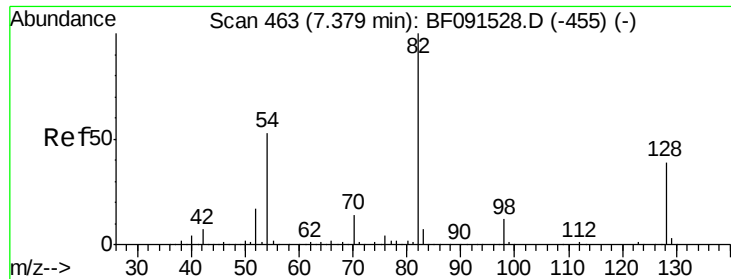
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:136 Resp: 966793
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.5 9.1 13.7#
68 5.4 5.9 8.9#



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

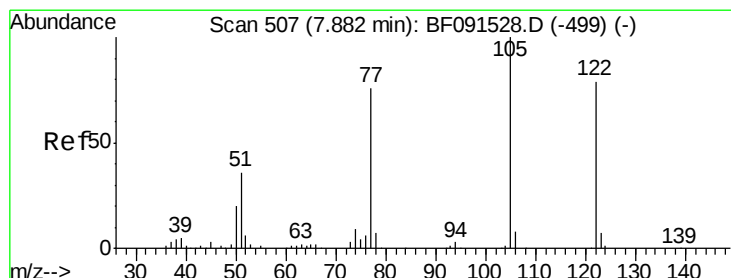
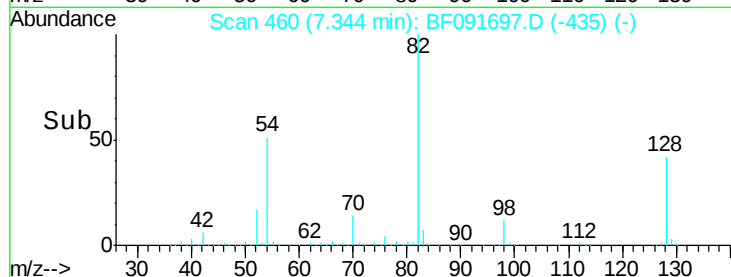
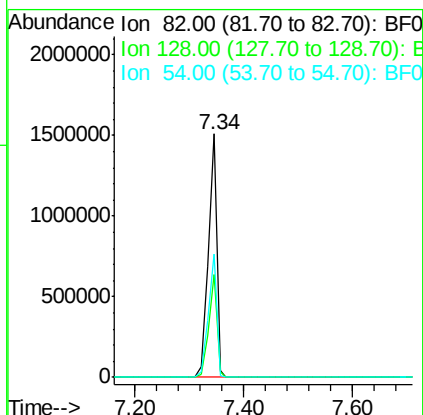
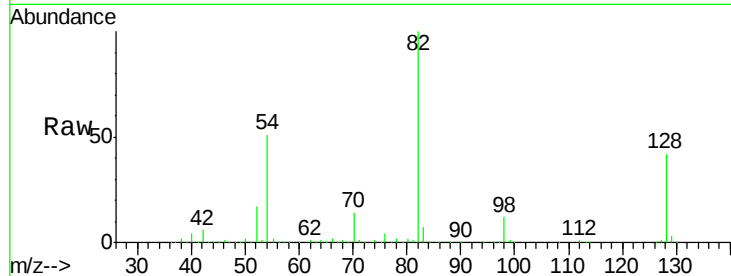




#23
 Nitrobenzene-d5
 Concen: 91.91 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091697.D
 Acq: 17 Dec 2016 2:31

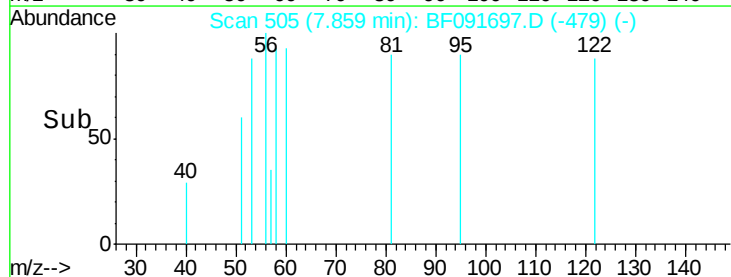
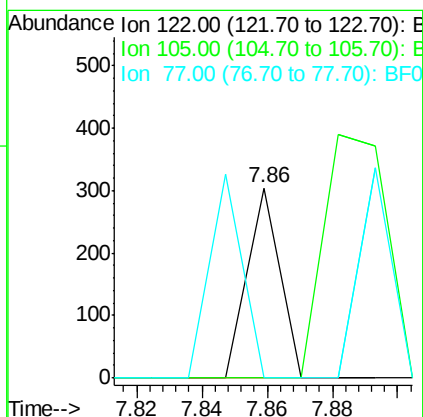
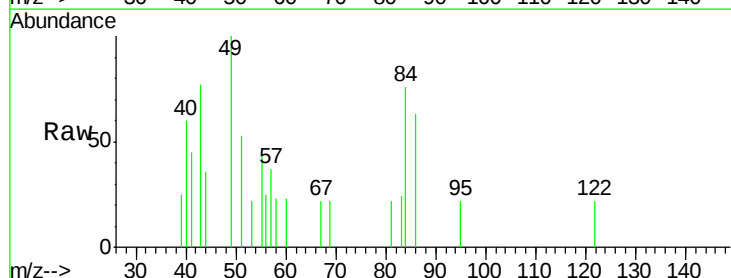
Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

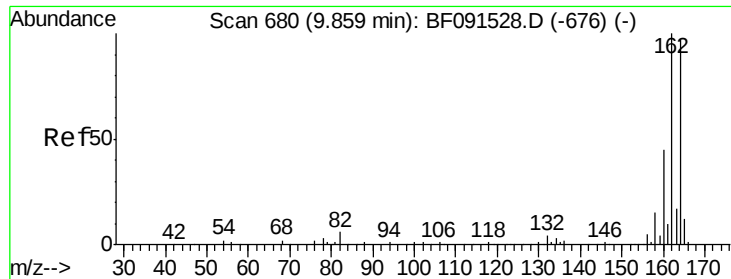
Tgt Ion: 82 Resp: 1592102
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.8 47.6
 54 50.7 49.1 73.7



#32
 Benzoic acid
 Concen: 4.92 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF091697.D
 Acq: 17 Dec 2016 2:31

Tgt Ion: 122 Resp: 208
 Ion Ratio Lower Upper
 122 100
 105 0.0 113.0 153.0#
 77 0.0 82.0 122.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

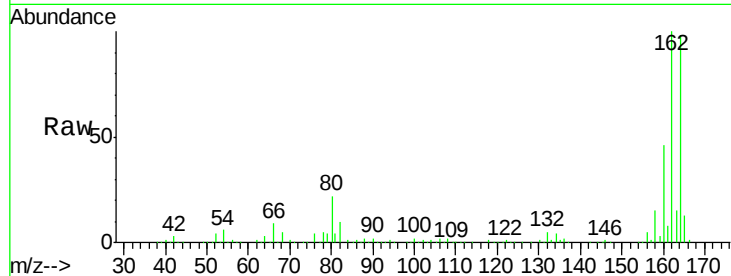
Tgt Ion:164 Resp: 418210

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

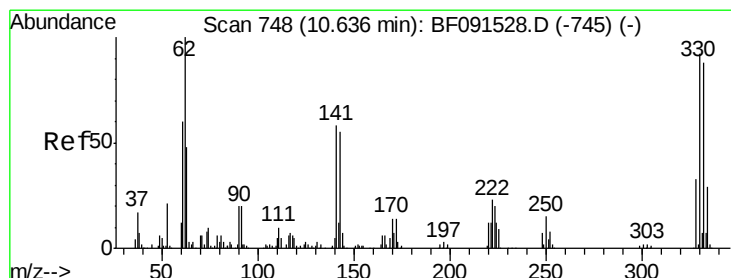
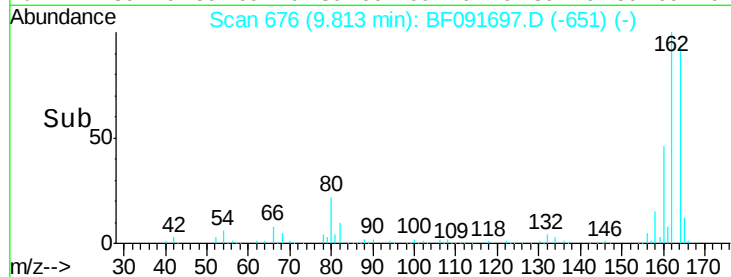
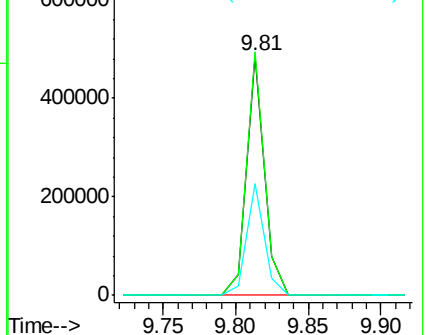
160 46.5 36.7 55.1



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: 102.46 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

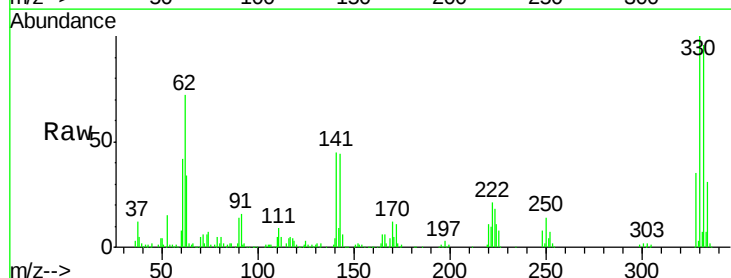
Tgt Ion:330 Resp: 355901

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

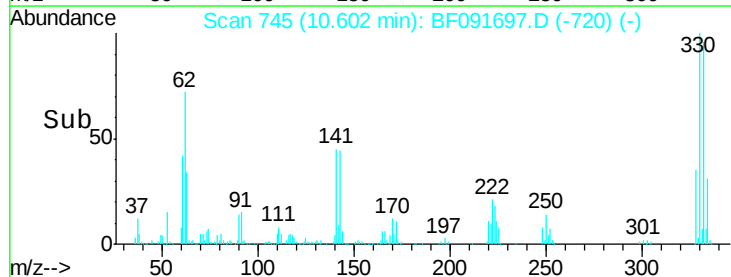
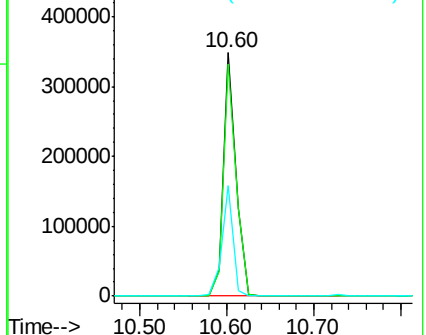
141 41.0 33.6 50.4

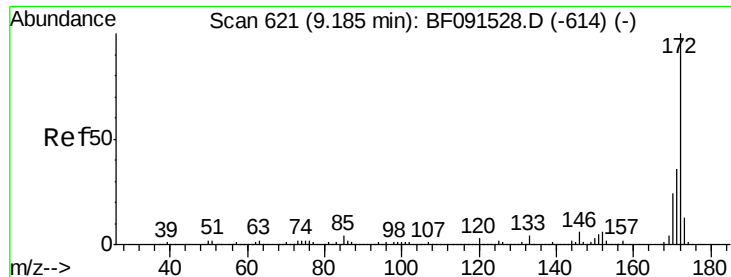


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

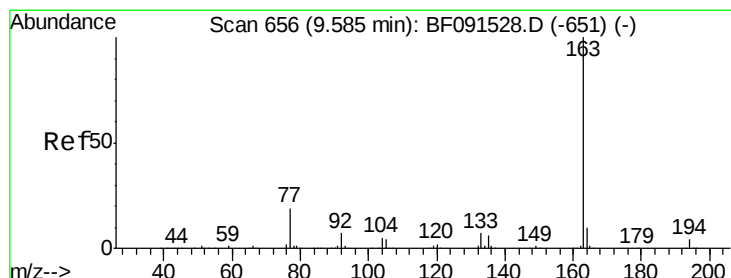
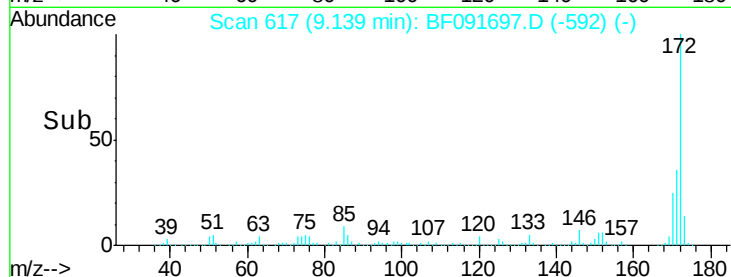
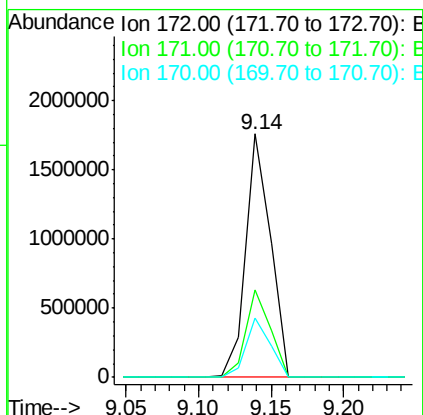
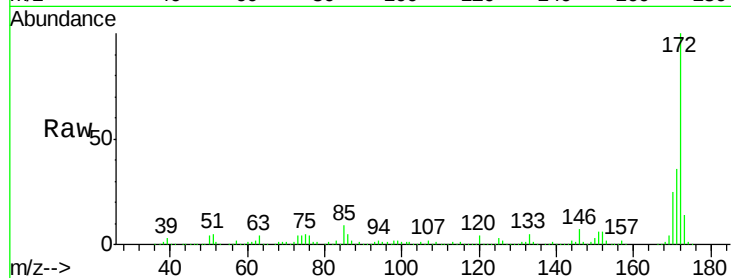




#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091697.D
 Acq: 17 Dec 2016 2:31

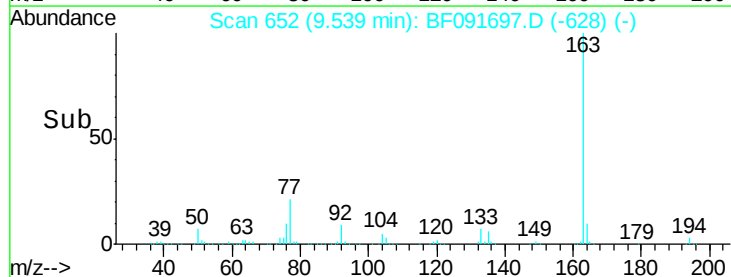
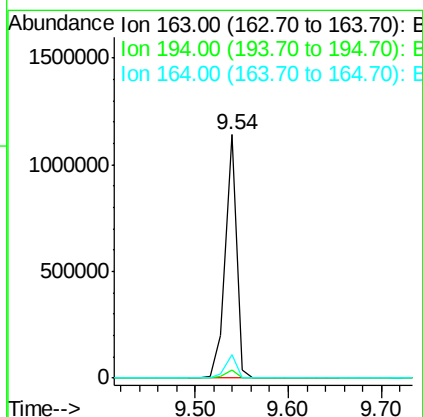
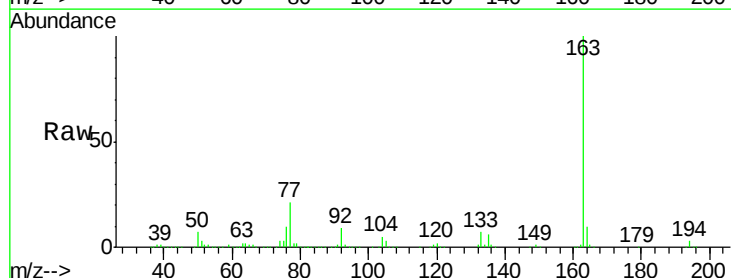
Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

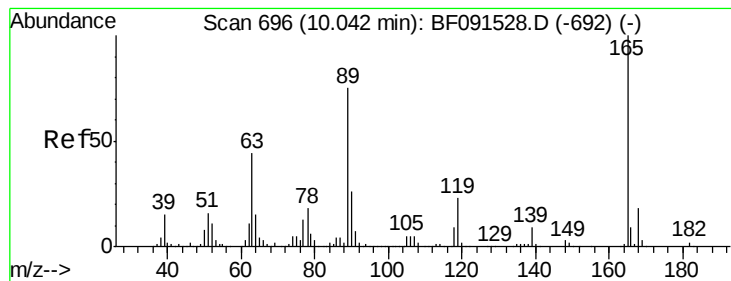
Tgt Ion:172 Resp: 2085575
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.6 19.7 29.5



#49
 Dimethylphthalate
 Concen: 36.08 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF091697.D
 Acq: 17 Dec 2016 2:31

Tgt Ion:163 Resp: 955321
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.8 7.8 11.8





#56

2,4-Dinitrotoluene

Concen: 7.45 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.21 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

Tgt Ion:165 Resp: 54246

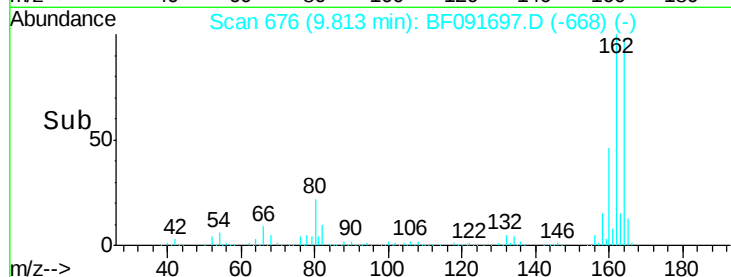
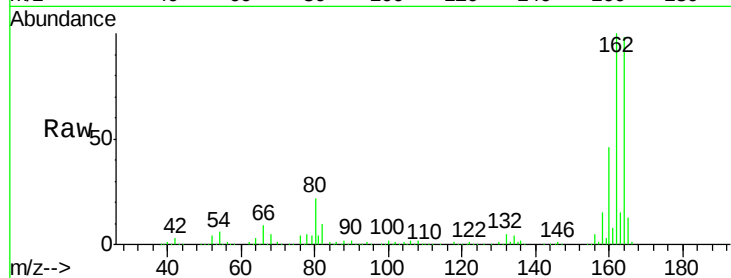
Ion Ratio Lower Upper

165 100

63 1.0 29.0 43.4#

89 1.4 43.1 64.7#

182 0.0 1.9 2.9#

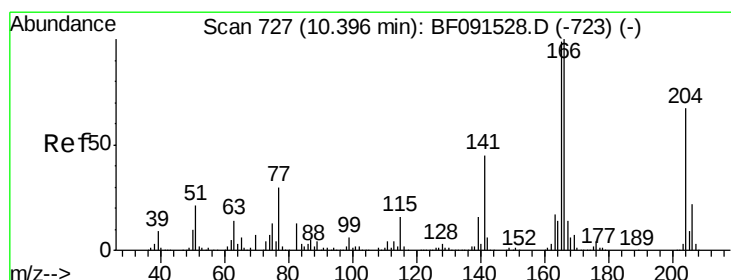
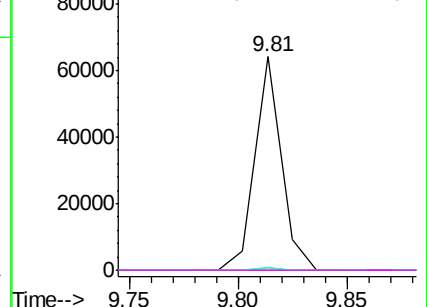


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

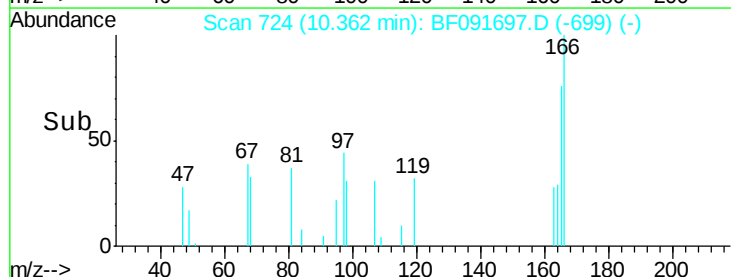
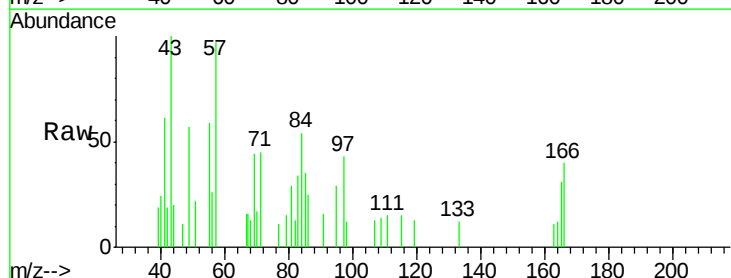
Tgt Ion:166 Resp: 1103

Ion Ratio Lower Upper

166 100

165 76.2 80.0 120.0#

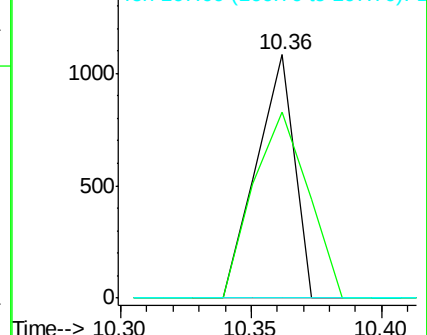
167 0.0 10.8 16.2#

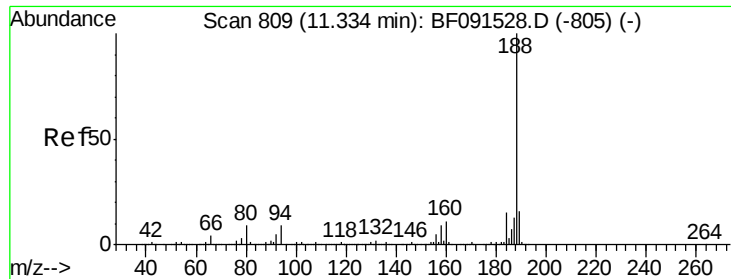


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

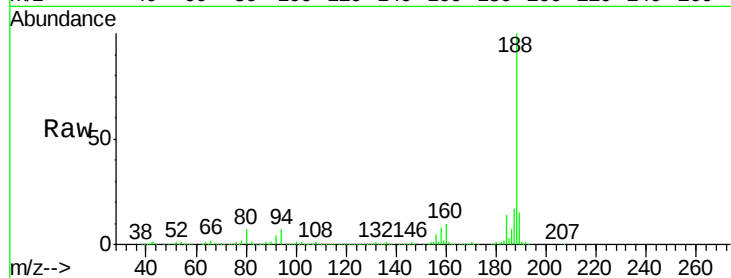




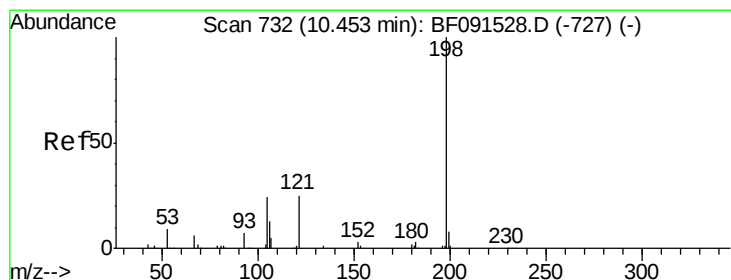
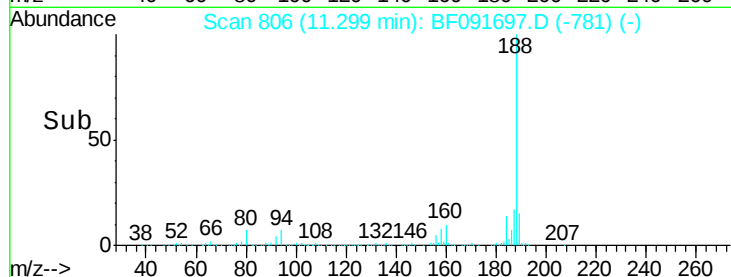
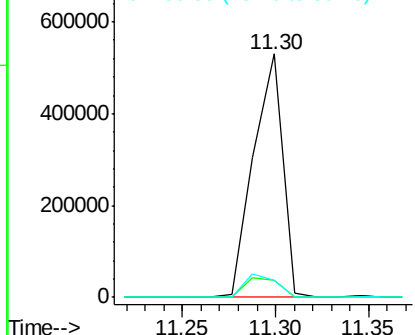
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:188 Resp: 58516
Ion Ratio Lower Upper
188 100
94 6.9 9.2 13.8#
80 7.0 10.5 15.7#

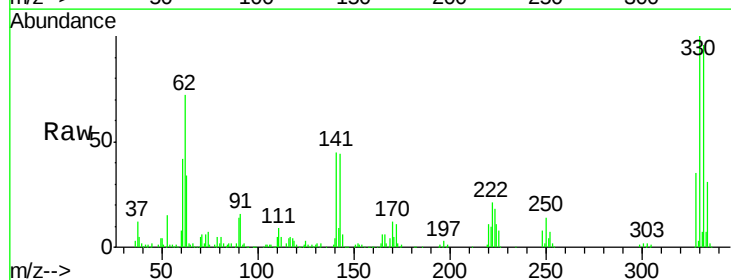


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

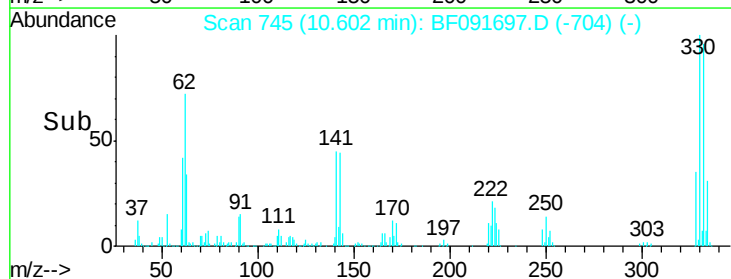
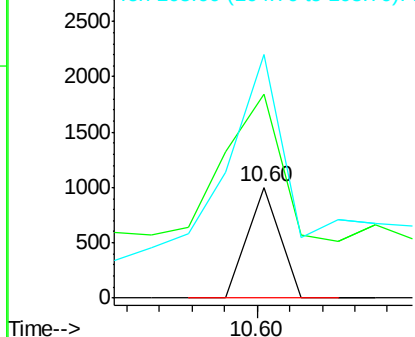


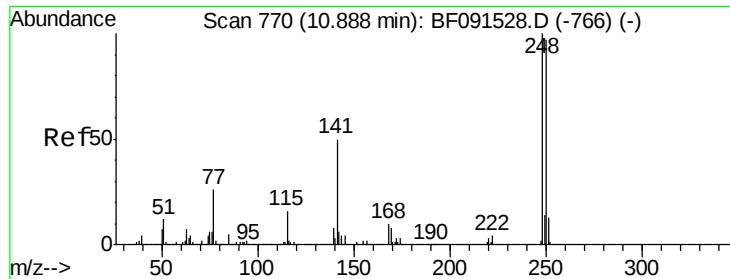
#64
4,6-Dinitro-2-methylphenol
Concen: 3.13 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:198 Resp: 687
Ion Ratio Lower Upper
198 100
51 184.0 77.1 117.1#
105 219.7 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.85 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

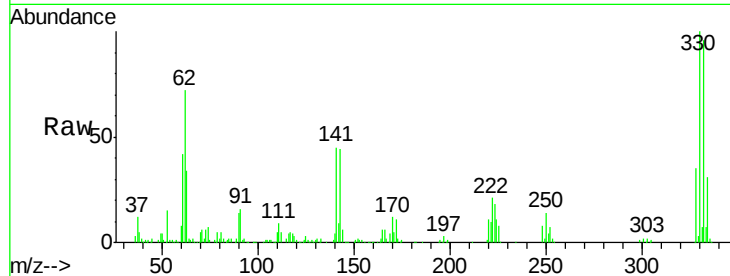
Tgt Ion:248 Resp: 23087

Ion Ratio Lower Upper

248 100

250 189.8 78.2 117.4#

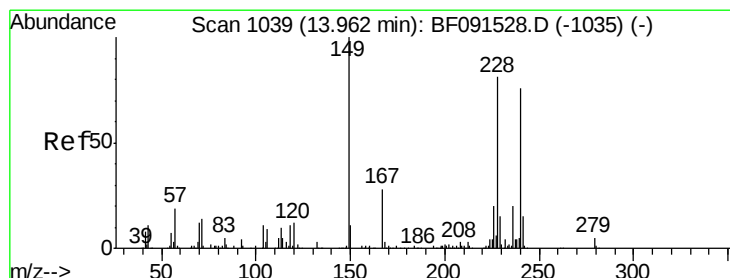
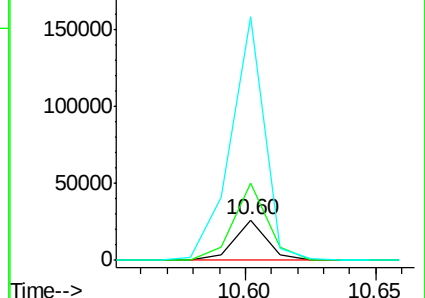
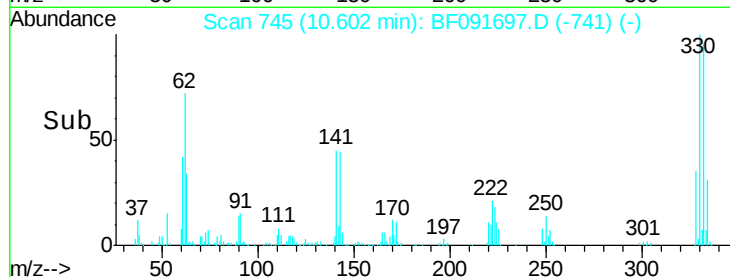
141 600.5 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

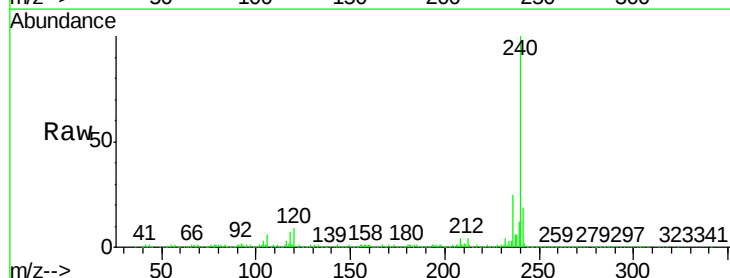
Tgt Ion:240 Resp: 512642

Ion Ratio Lower Upper

240 100

120 8.6 12.1 18.1#

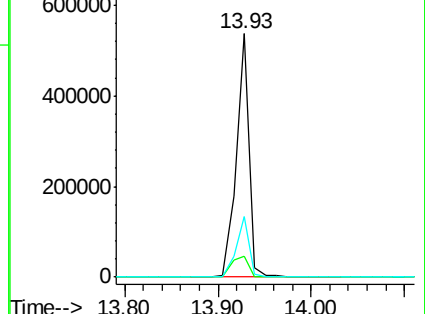
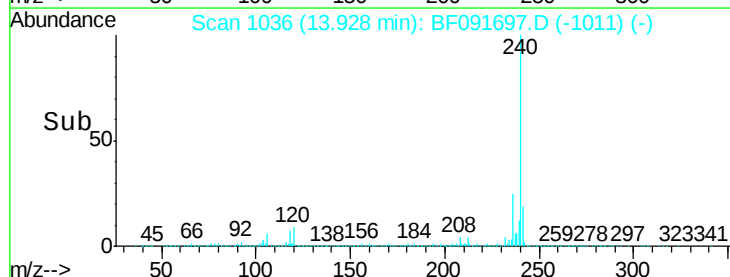
236 25.1 21.0 31.6

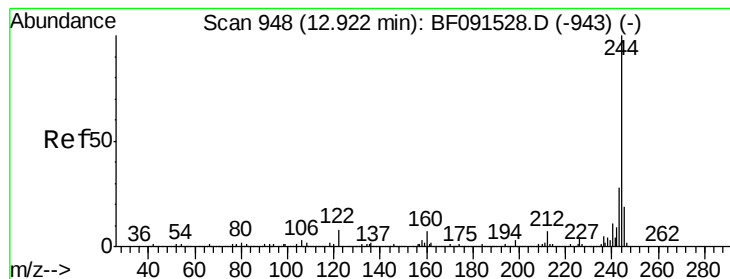


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.40 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

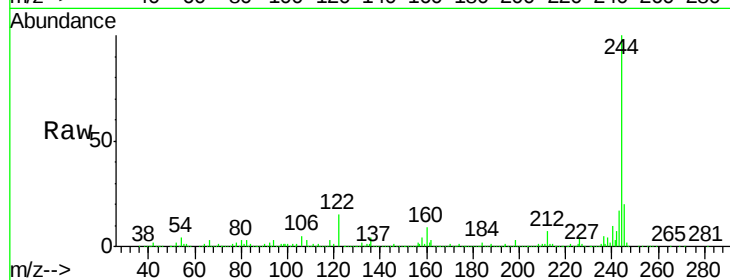
Tgt Ion:244 Resp: 1545354

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

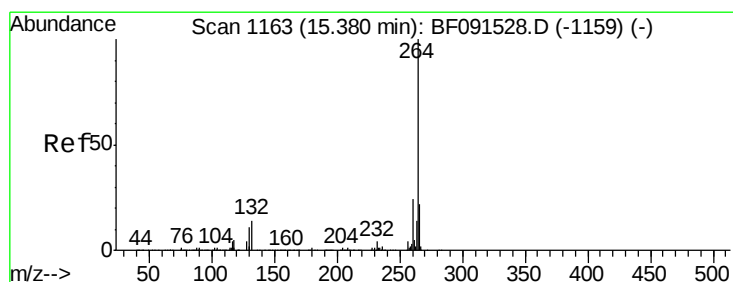
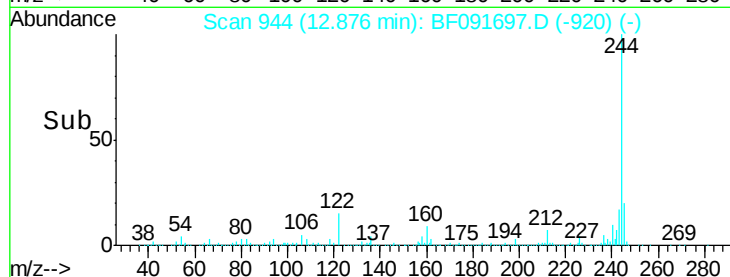
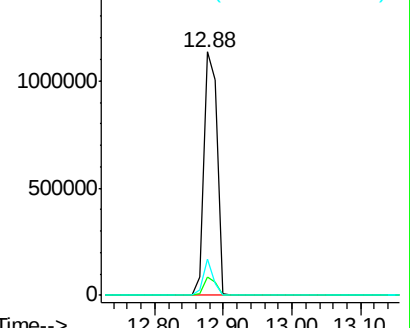
122 14.7 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

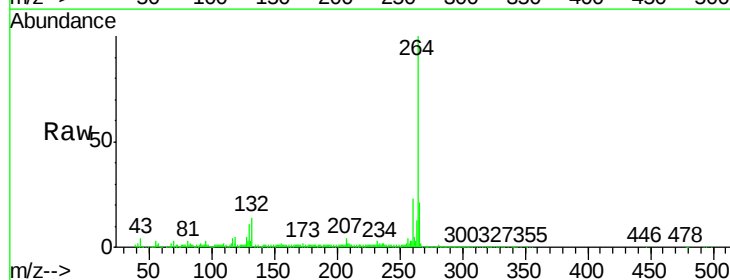
Tgt Ion:264 Resp: 378672

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.0 17.0 25.6



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

