

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092697.D
 Acq On : 31 Jan 2017 22:41
 Operator : SJ/MA
 Sample : I1596-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Feb 01 01:02:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

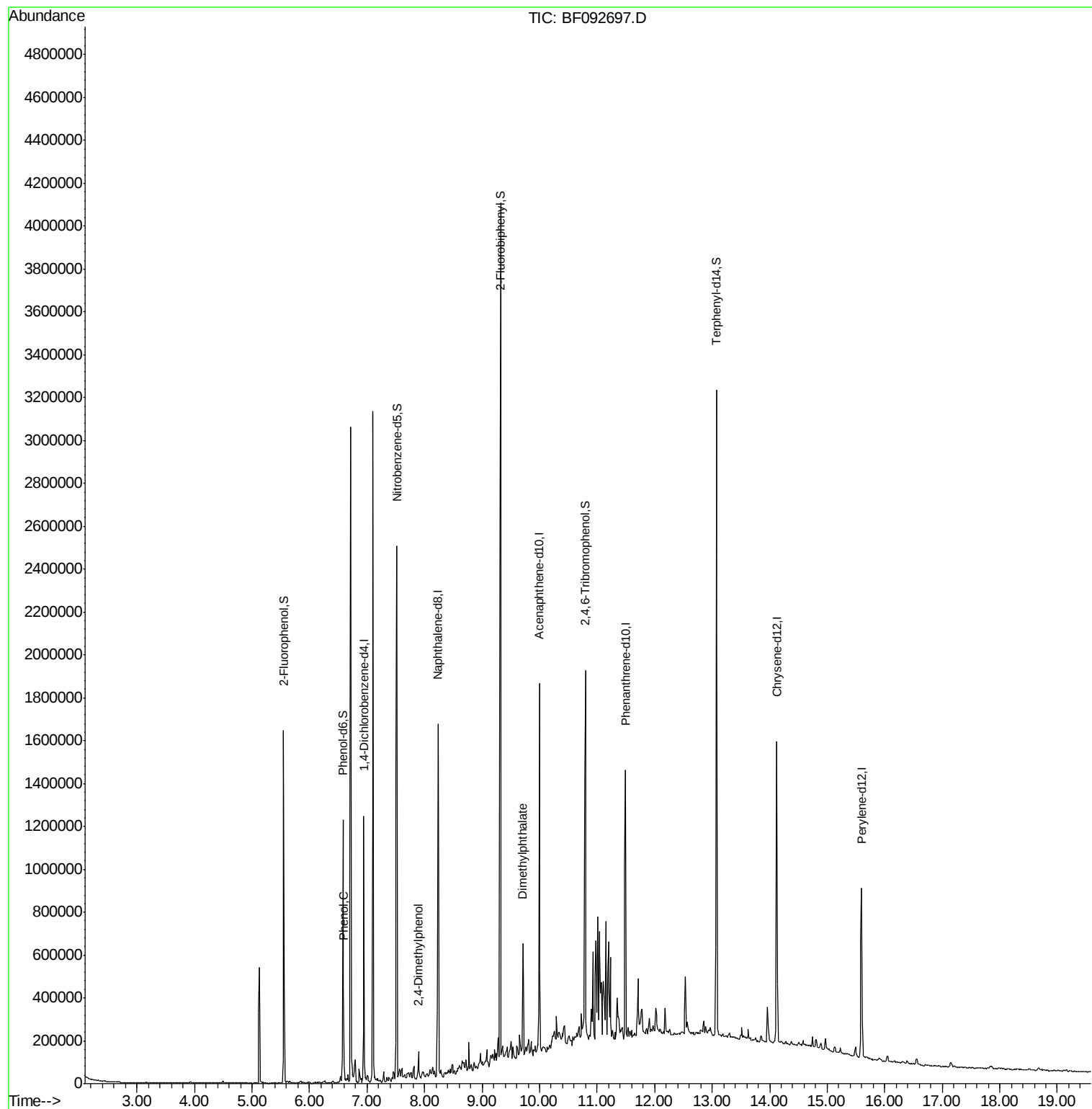
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174850	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	687531	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	370185	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	585711	20.00	ng	0.00
75) Chrysene-d12	14.12	240	477710	20.00	ng	-0.02
86) Perylene-d12	15.60	264	385785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	426238	41.82	ng	-0.02
7) Phenol-d6	6.58	99	389412	29.70	ng	-0.02
23) Nitrobenzene-d5	7.52	82	962470	77.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	255418	95.40	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1614767	79.03	ng	-0.01
78) Terphenyl-d14	13.07	244	1260889	62.02	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	50564	3.30	ng	82
27) 2,4-Dimethylphenol	7.89	122	23278	2.20	ng	95
49) Dimethylphthalate	9.71	163	175999	7.06	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092697.D
Acq On : 31 Jan 2017 22:41
Operator : SJ/MA
Sample : I1596-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

Quant Time: Feb 01 01:02:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

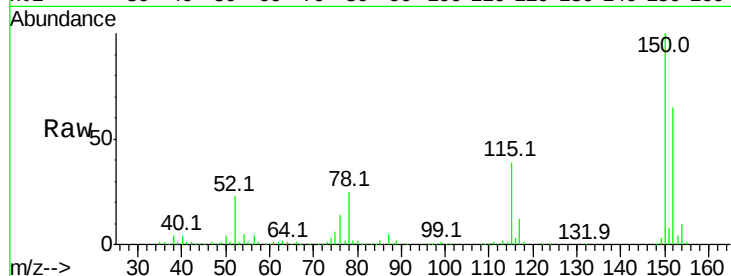
Tot Ion:152 Resp: 174850

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

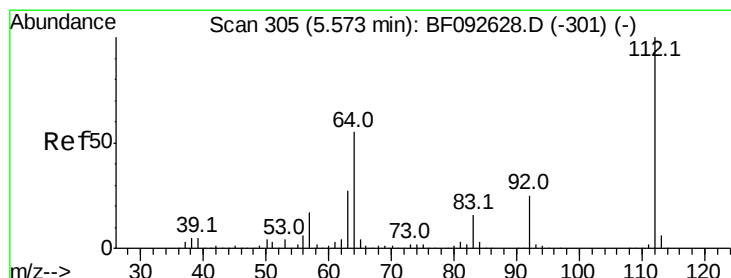
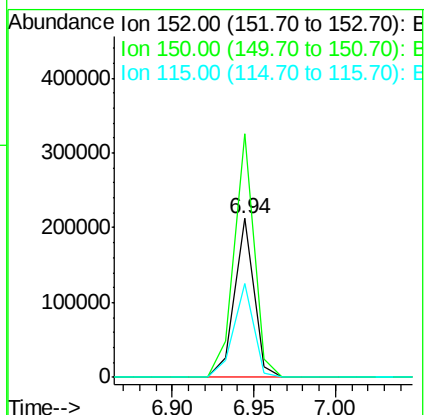
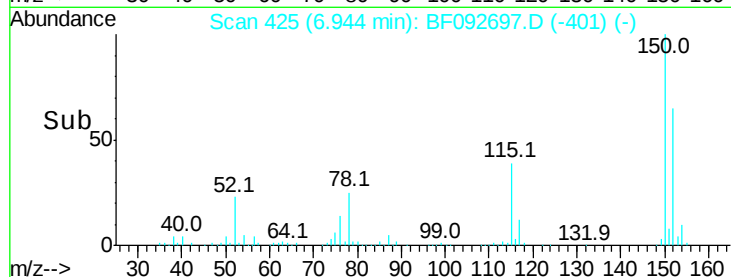
115 59.3 46.0 69.0



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: 41.82 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

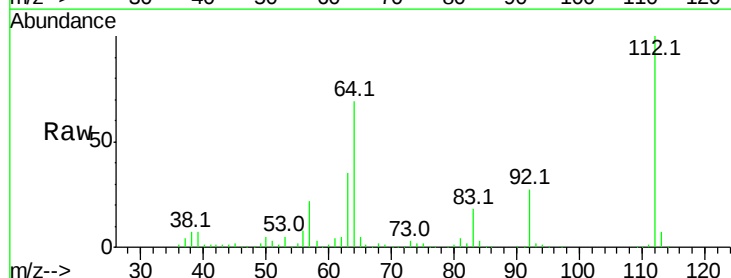
Tgt Ion:112 Resp: 426238

Ion Ratio Lower Upper

112 100

64 69.4 46.1 69.1#

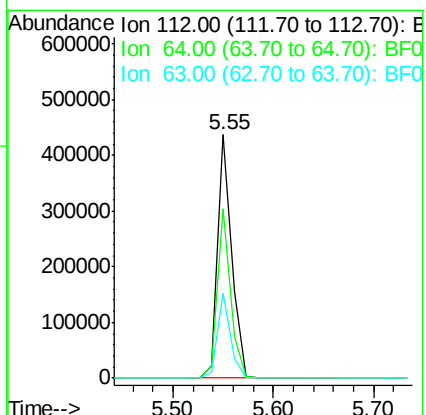
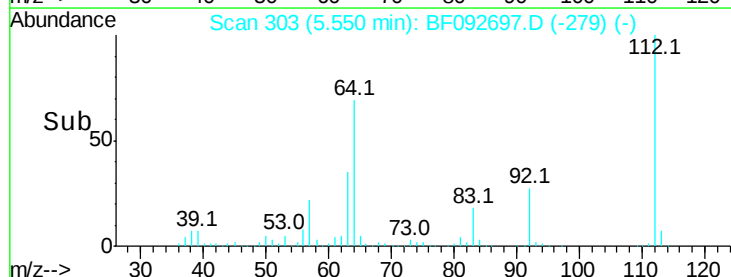
63 34.8 23.8 35.6



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: 29.70 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampled :

MW-18

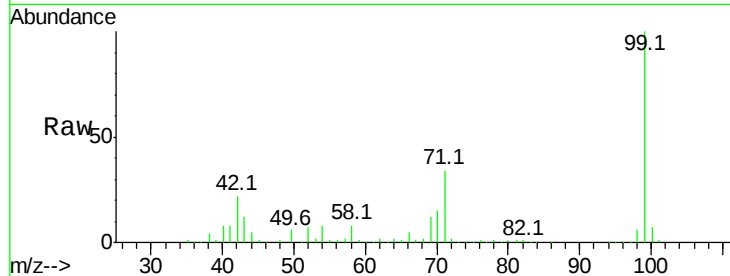
Tot Ion: 99 Resp: 389412

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

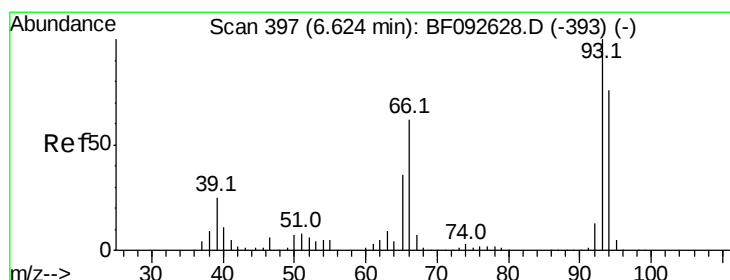
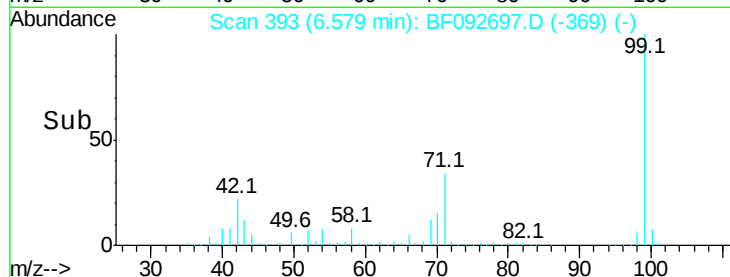
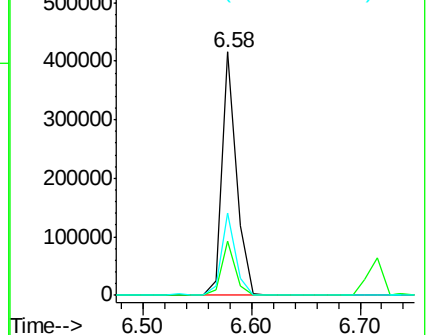
71 33.6 27.5 41.3



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: 3.30 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

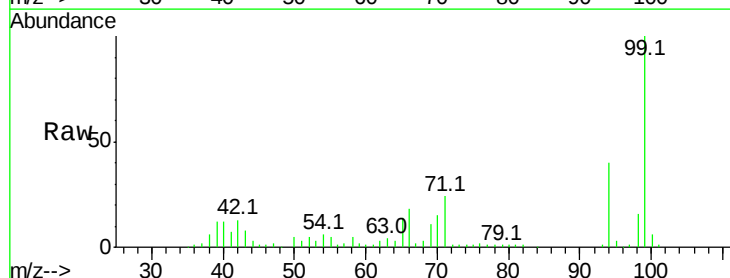
Tgt Ion: 94 Resp: 50564

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

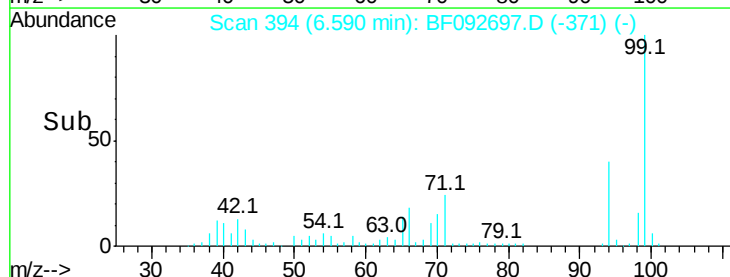
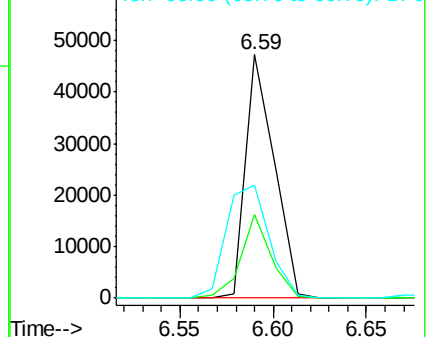
66 46.3 44.0 84.0

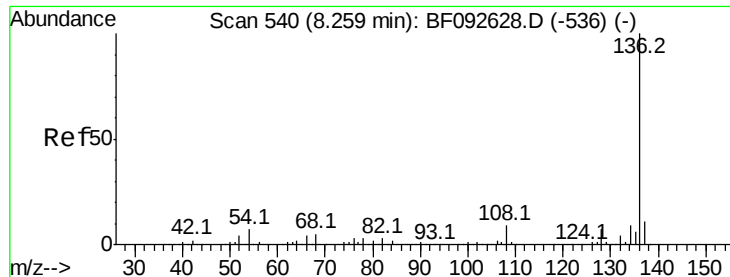


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampled :

MW-18

Tot Ion:136 Resp: 687531

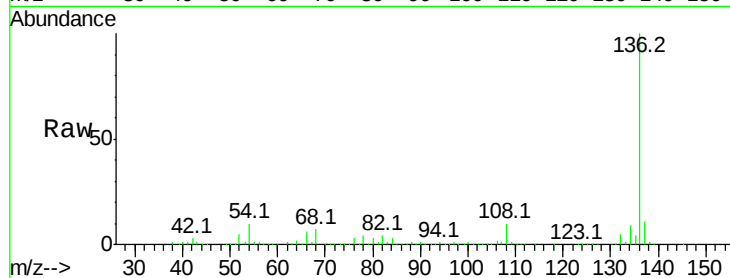
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.4 4.5 6.7#

68 7.4 3.6 5.4#

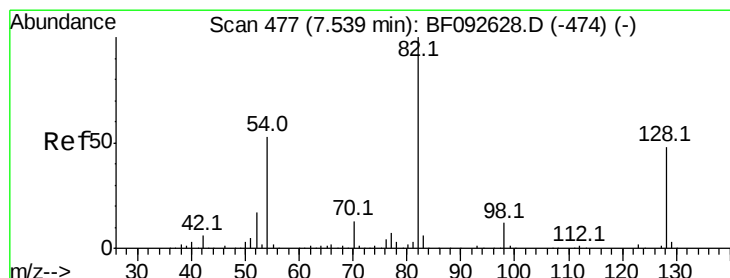
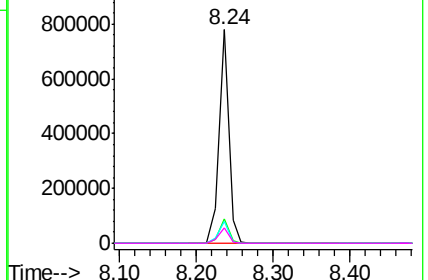
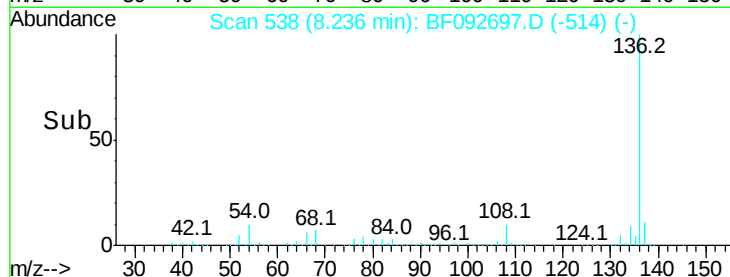


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.96 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

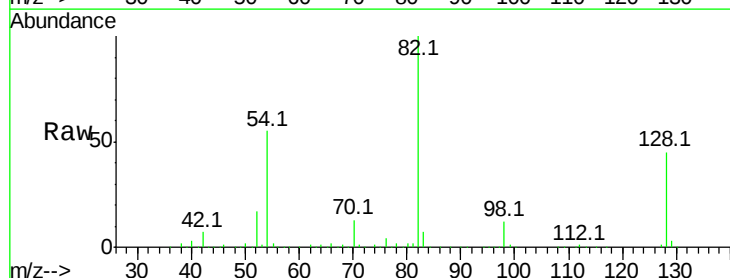
Tgt Ion: 82 Resp: 962470

Ion Ratio Lower Upper

82 100

128 45.5 34.6 52.0

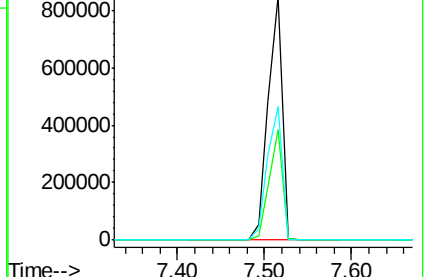
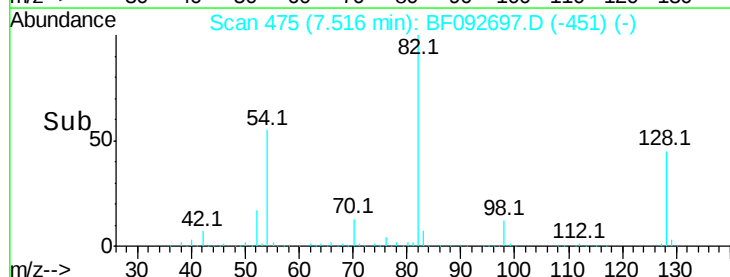
54 54.6 39.5 59.3

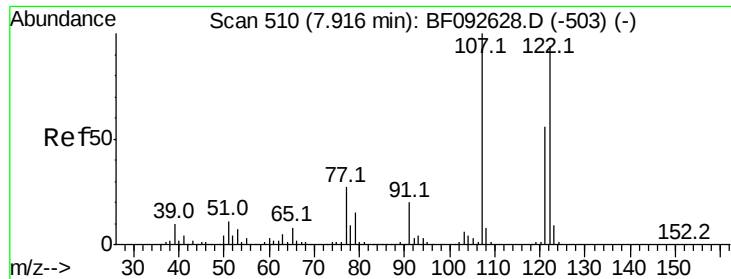


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.20 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

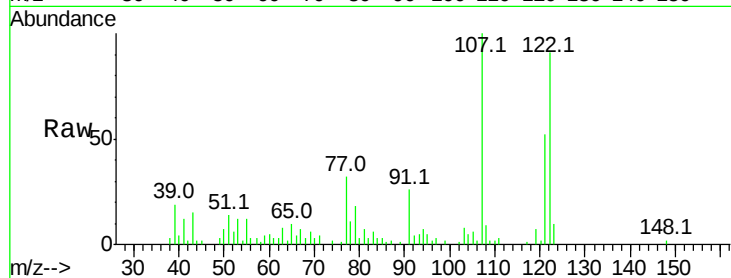
Tot Ion:122 Resp: 23278

Ion Ratio Lower Upper

122 100

107 110.0 94.1 141.1

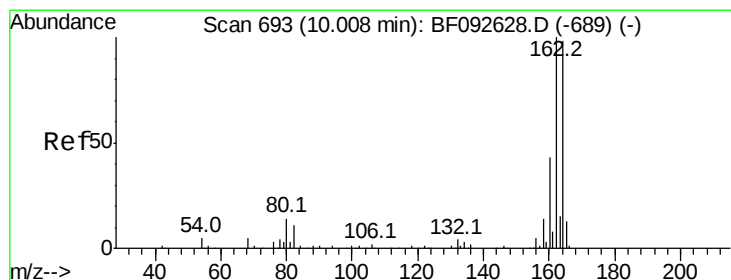
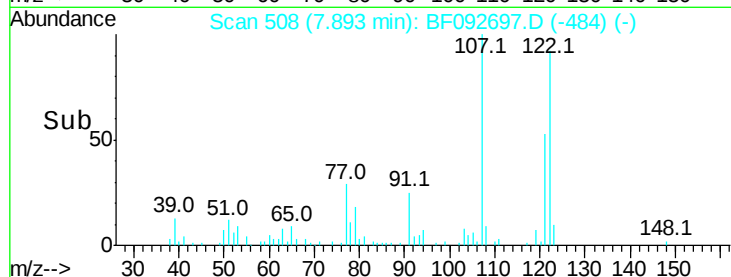
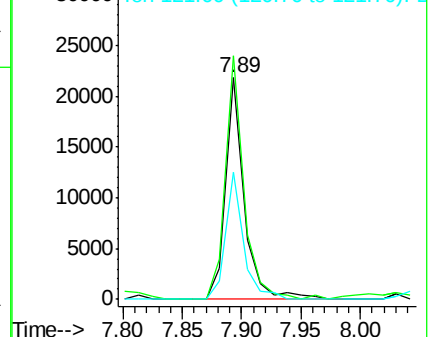
121 57.4 46.0 69.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

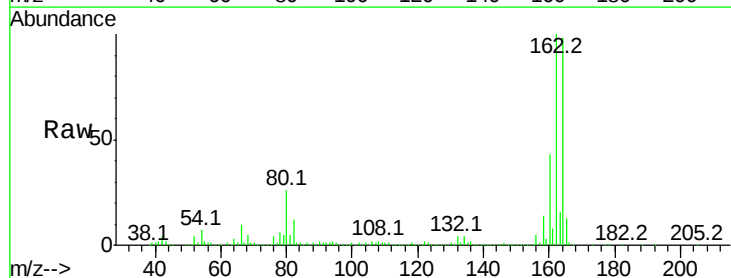
Tgt Ion:164 Resp: 370185

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

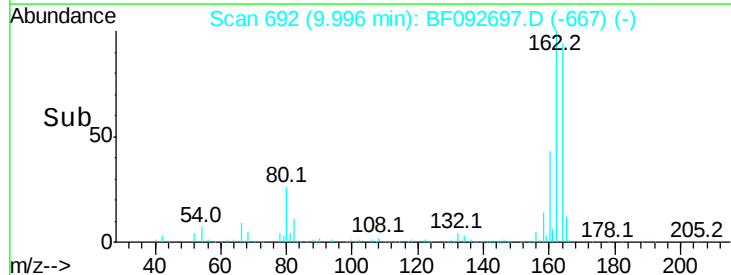
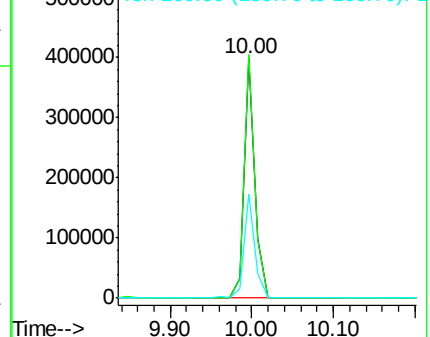
160 43.4 36.9 55.3

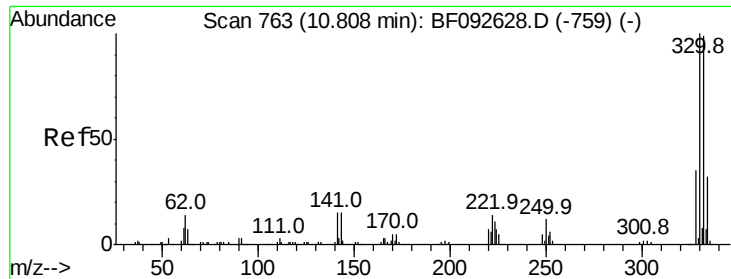


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

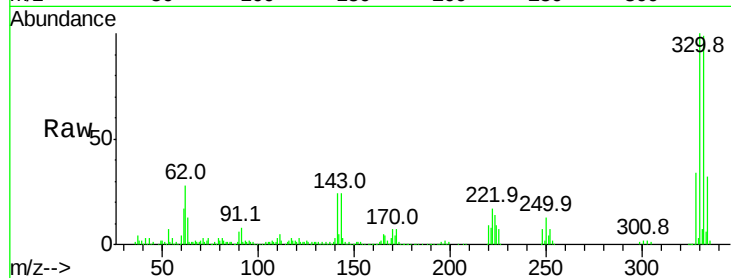




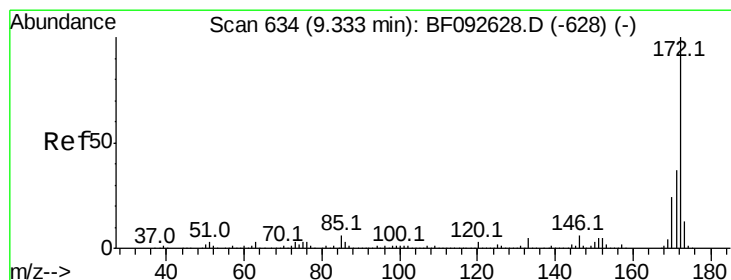
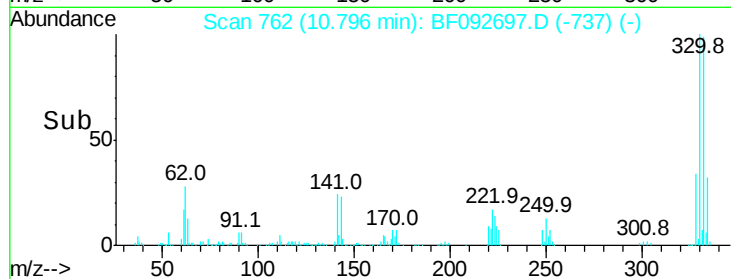
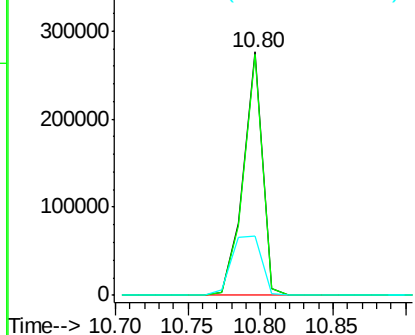
#41
 2,4,6-Tribromophenol
 Concen: 95.40 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092697.D
 Acq: 31 Jan 2017 22:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion:330 Resp: 255418
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 37.7 34.1 51.1

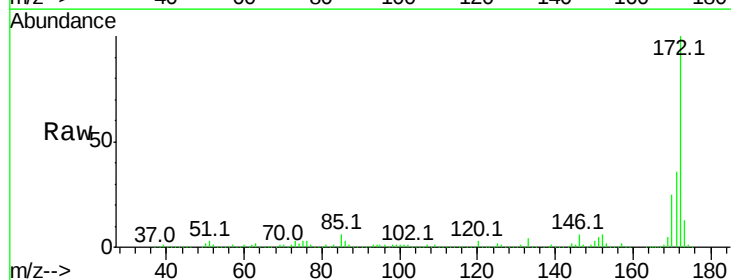


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

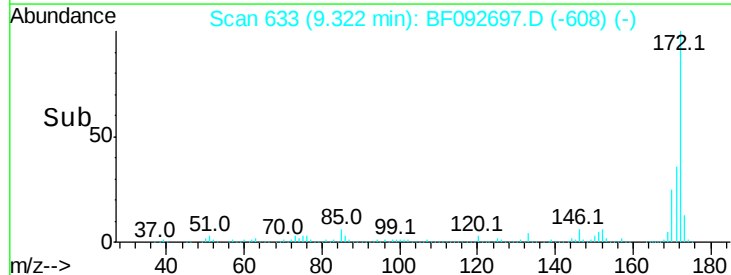
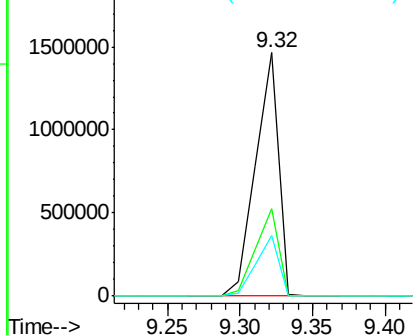


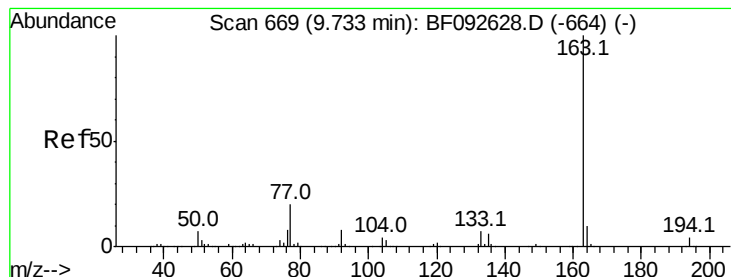
#44
 2-Fluorobiphenyl
 Concen: 79.03 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092697.D
 Acq: 31 Jan 2017 22:41

Tgt Ion:172 Resp: 1614767
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.7 20.2 30.4



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: 7.06 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

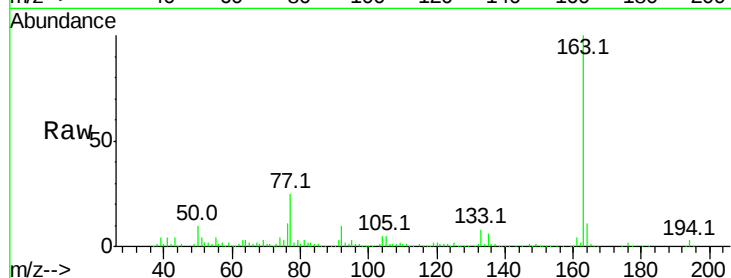
Tot Ion:163 Resp: 175999

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

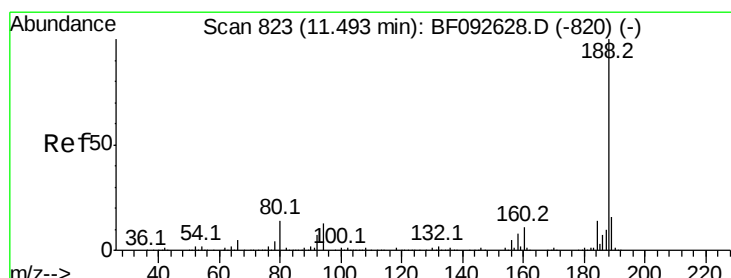
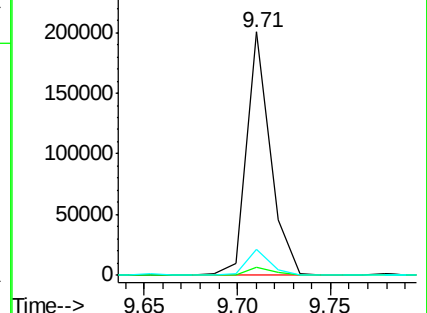
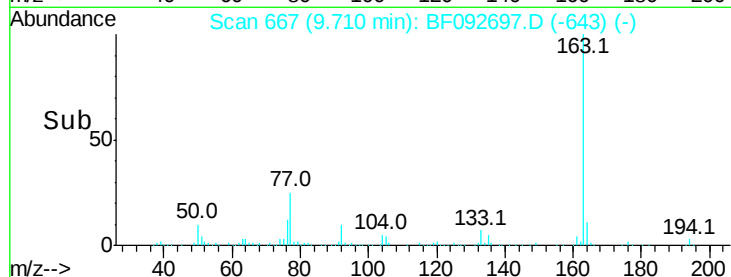
164 10.9 8.0 12.0



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: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

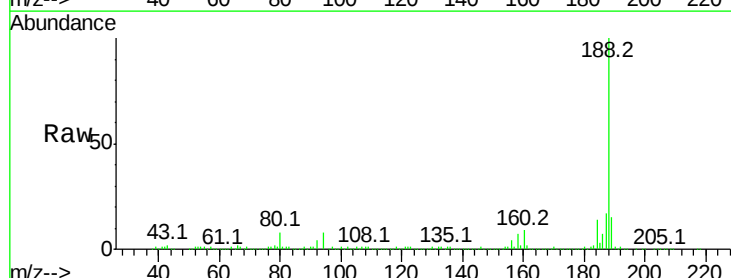
Tgt Ion:188 Resp: 585711

Ion Ratio Lower Upper

188 100

94 7.8 10.0 15.0#

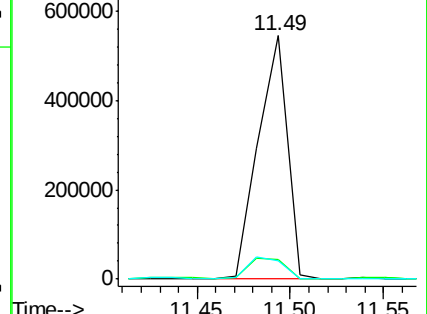
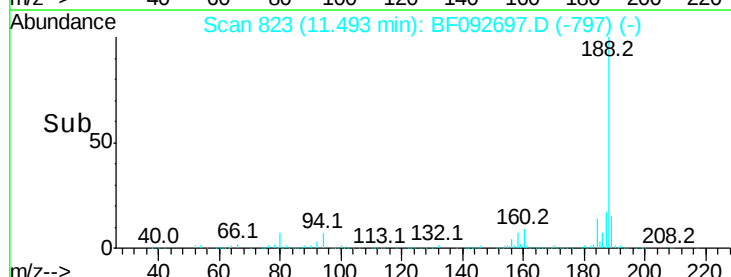
80 7.5 11.2 16.8#

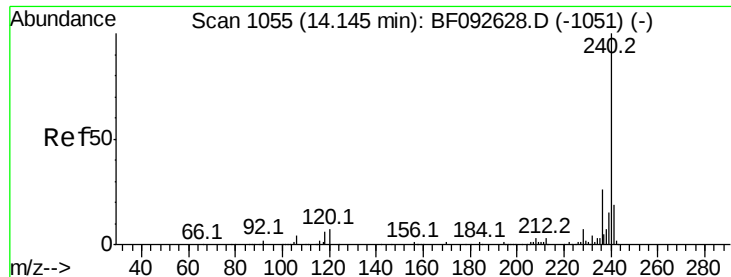


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

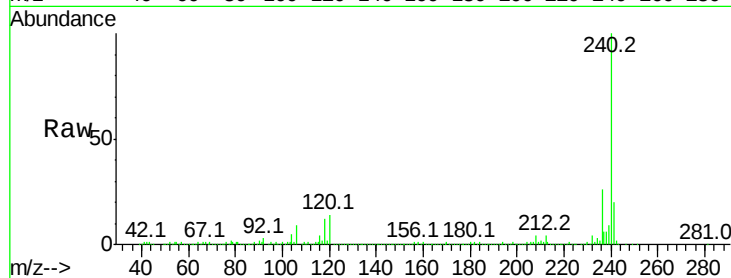
Tot Ion:240 Resp: 477710

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

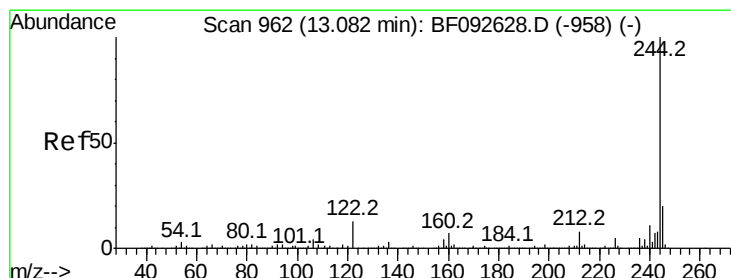
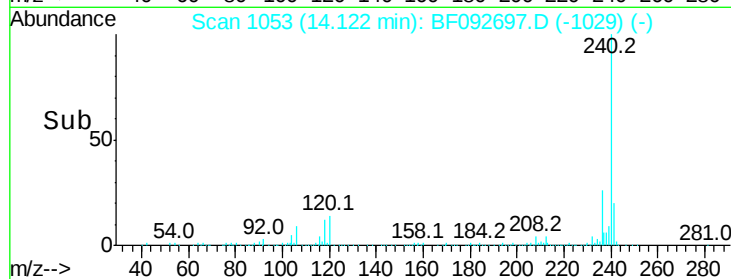
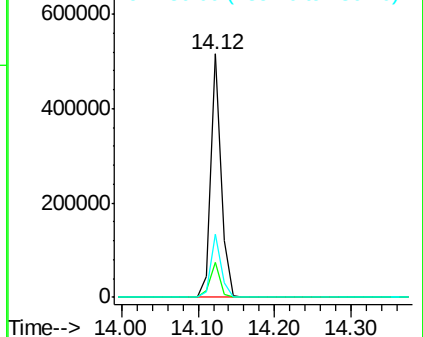
236 25.9 20.9 31.3



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: 62.02 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

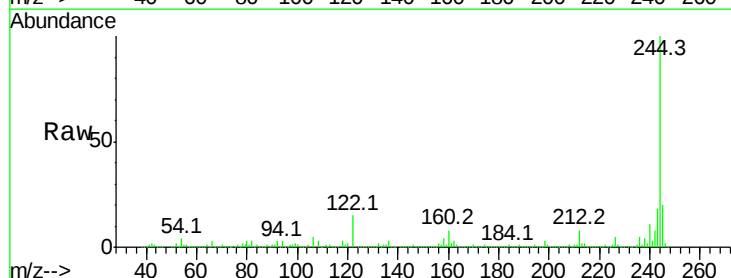
Tgt Ion:244 Resp: 1260889

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

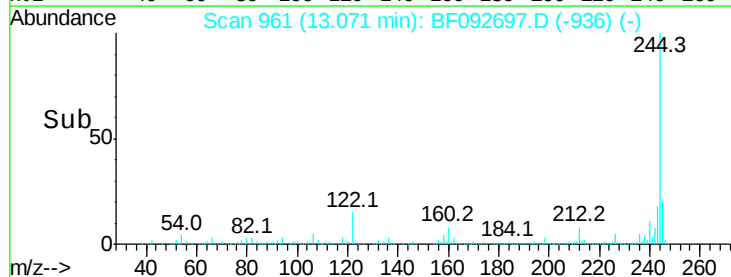
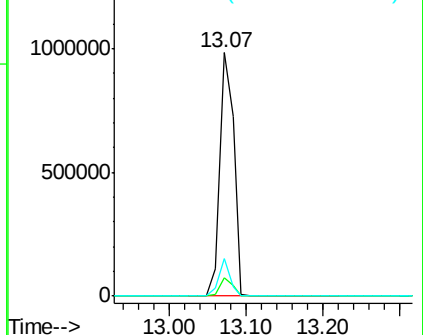
122 15.4 11.4 17.2

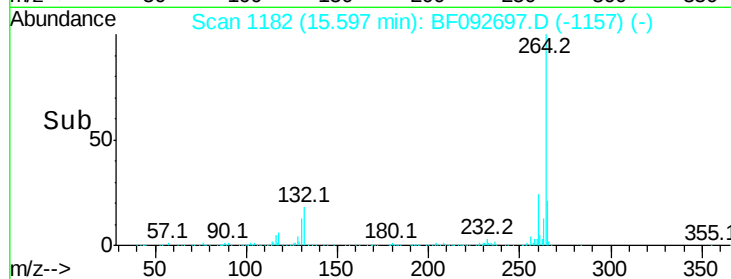
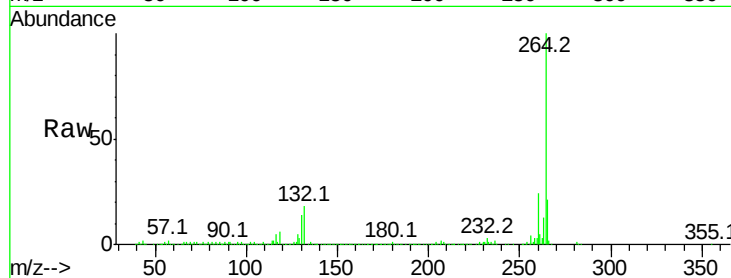
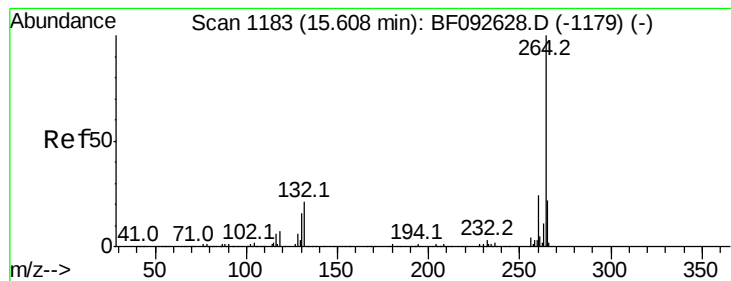


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

Tot Ion: 264 Resp: 385785

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 17.4 26.0

