

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084657.D
 Acq On : 30 Jan 2016 1:28
 Operator : SJ/IZ
 Sample : H1303-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EASTWALL-UST-17

Quant Time: Jan 30 05:40:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

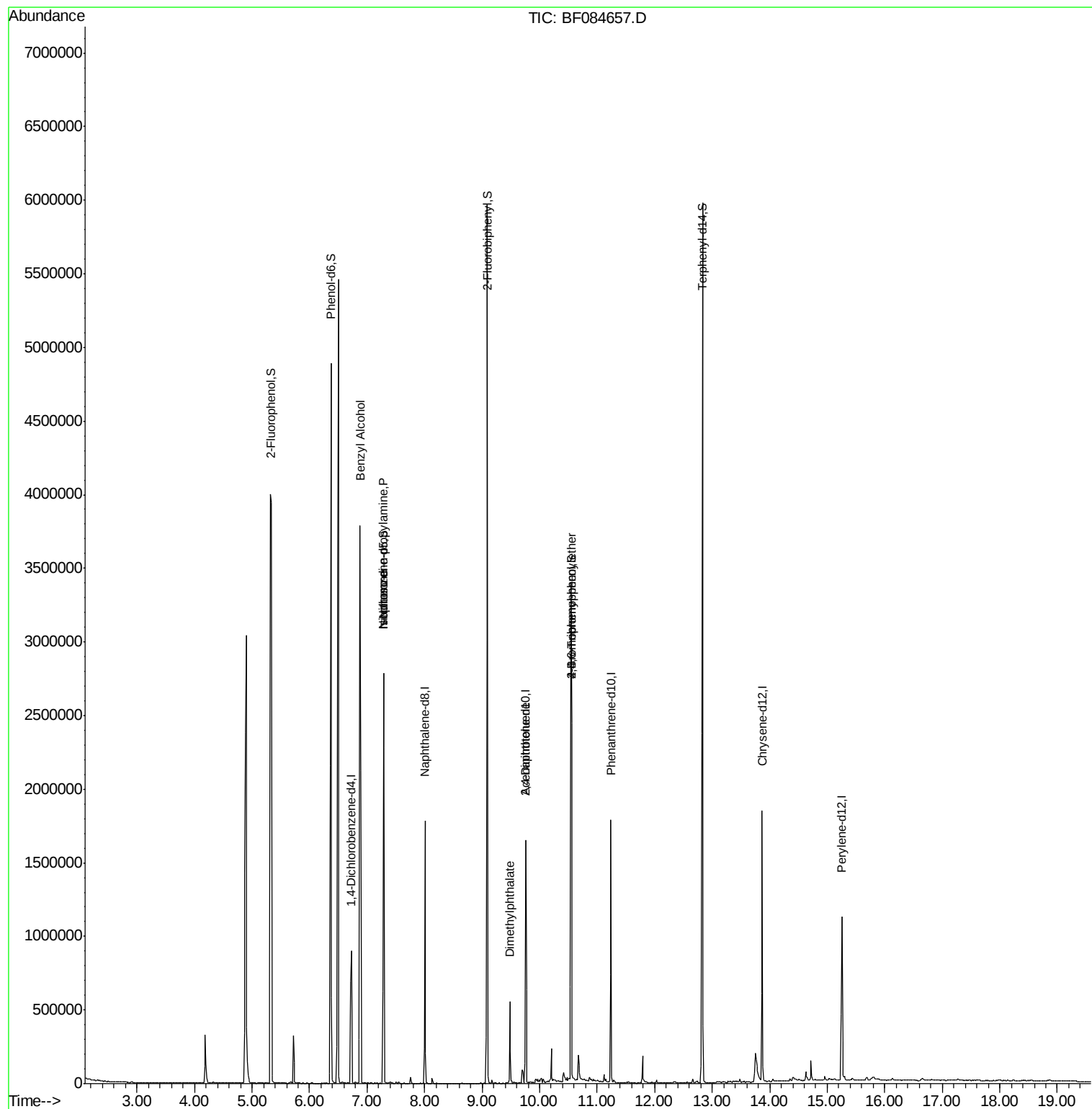
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179131	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	758356	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	343288	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	701578	20.00	ng	0.00
75) Chrysene-d12	13.87	240	654938	20.00	ng	0.00
86) Perylene-d12	15.25	264	482911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1709979	144.10	ng	0.02
7) Phenol-d6	6.37	99	1814686	127.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	1316387	97.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	617882	171.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2082821	90.18	ng	0.00
78) Terphenyl-d14	12.83	244	1910095	65.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	21323	2.20	ng	# 45
19) n-Nitroso-di-n-propylamine	7.29	70	178075	20.50	ng	# 72
25) Isophorone	7.29	82	1171898	46.10	ng	# 66
49) Dimethylphthalate	9.48	163	236359	9.17	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	44051	5.98	ng	# 21
66) 4-Bromophenyl-phenylether	10.56	248	36529	4.62	ng	# 1

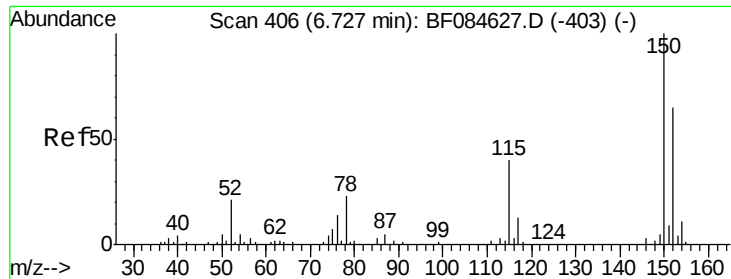
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

ClientSampleId :

EASTWALL-UST-17

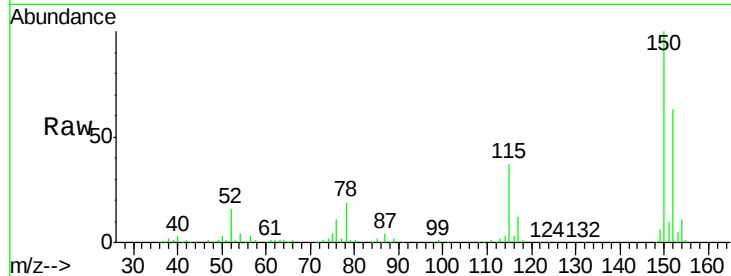
Tgt Ion:152 Resp: 179131

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

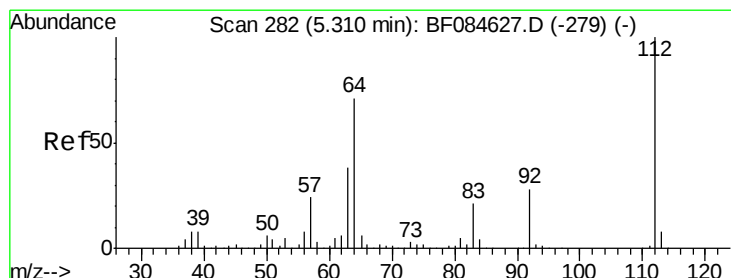
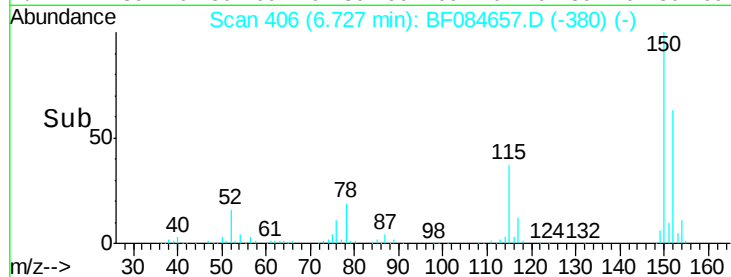
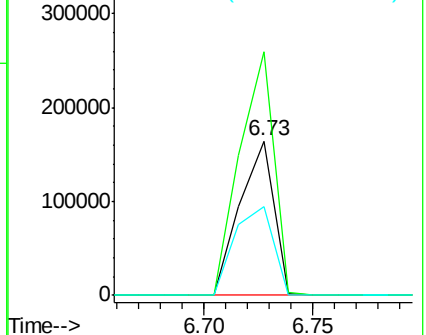
115 57.8 51.4 77.2



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: 144.10 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

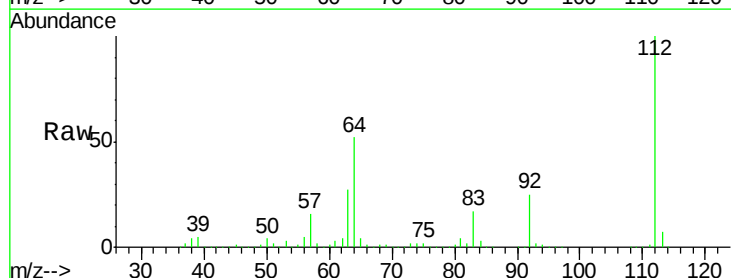
Tgt Ion:112 Resp: 1709979

Ion Ratio Lower Upper

112 100

64 51.8 36.6 55.0

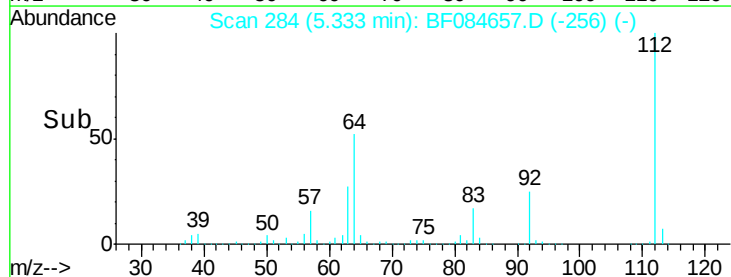
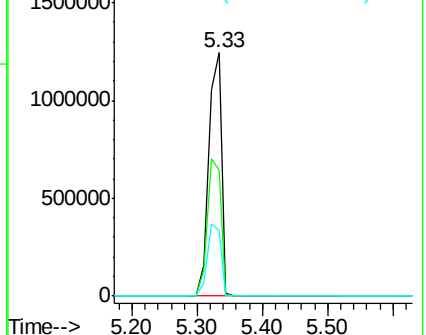
63 27.0 19.4 29.0

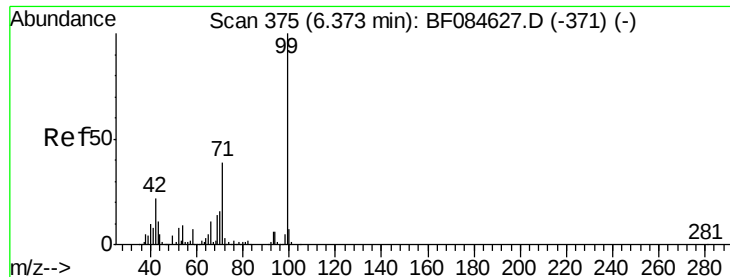


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.59 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

ClientSampleId :

EASTWALL-UST-17

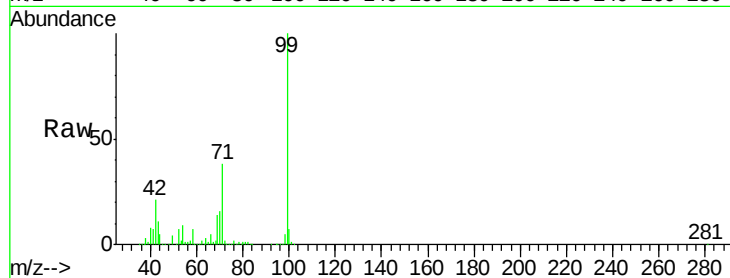
Tgt Ion: 99 Resp: 1814686

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

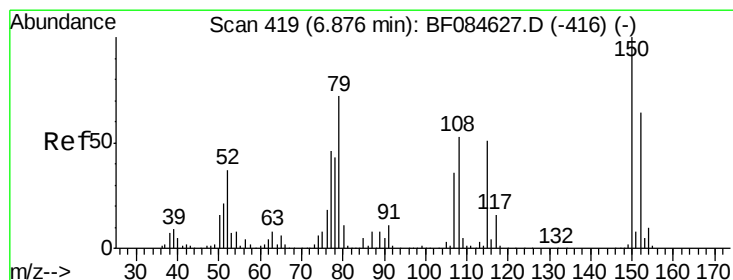
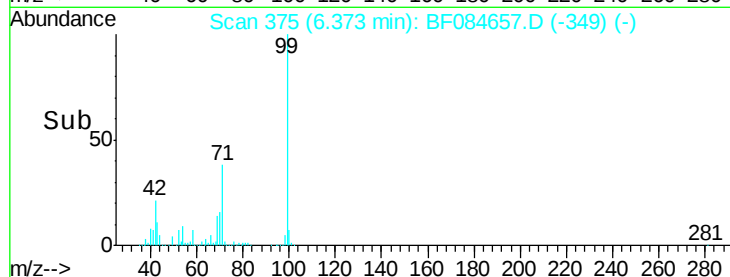
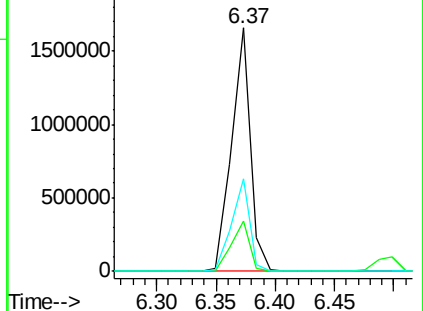
71 38.1 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

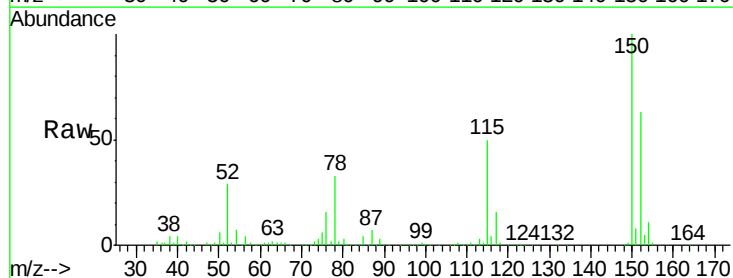
Tgt Ion: 79 Resp: 21323

Ion Ratio Lower Upper

79 100

108 23.2 69.0 103.4#

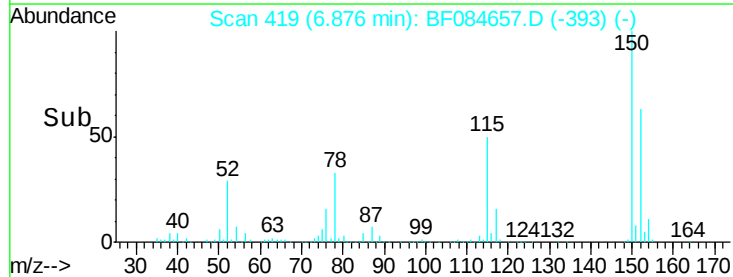
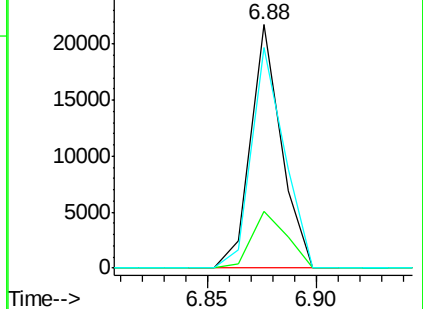
77 90.4 50.0 75.0#

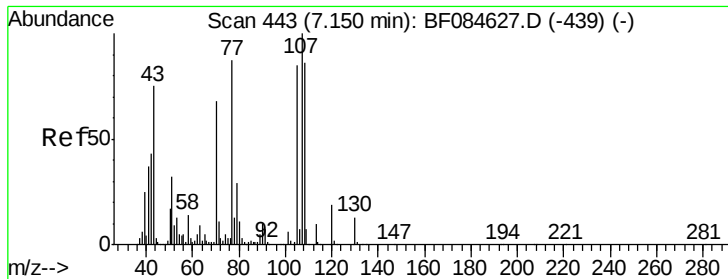


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.50 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

ClientSampleId :

EASTWALL-UST-17

Tgt Ion: 70 Resp: 178075

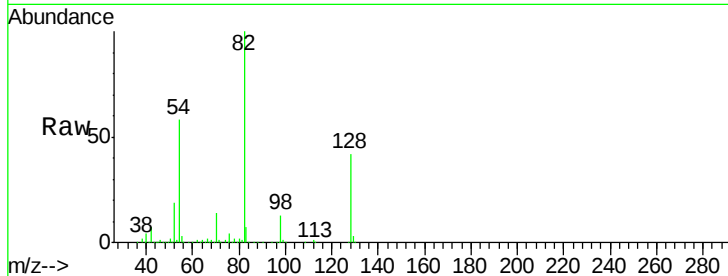
Ion Ratio Lower Upper

70 100

42 48.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

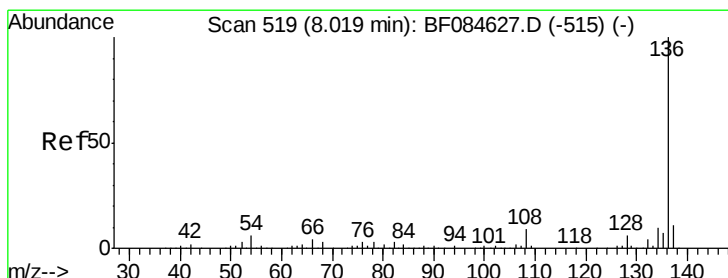
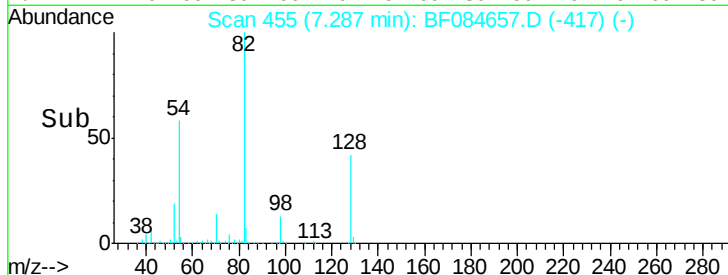
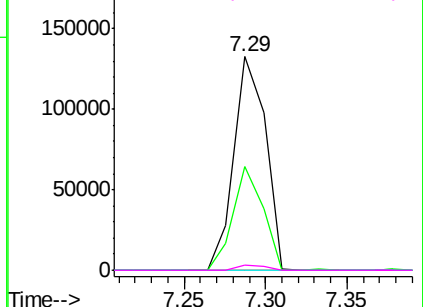


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Tgt Ion: 136 Resp: 758356

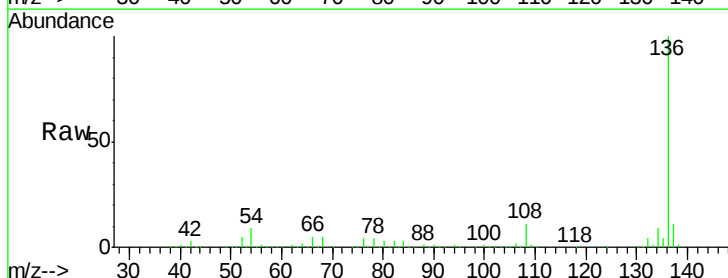
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.2 5.8 8.8#

68 5.3 4.2 6.2

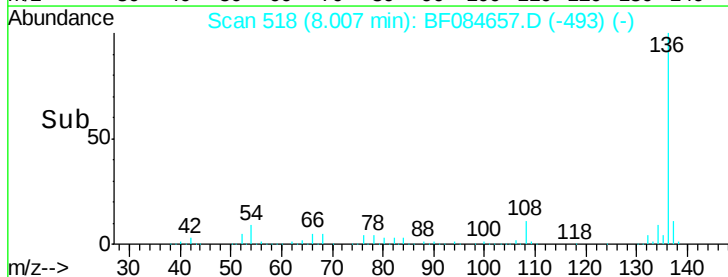
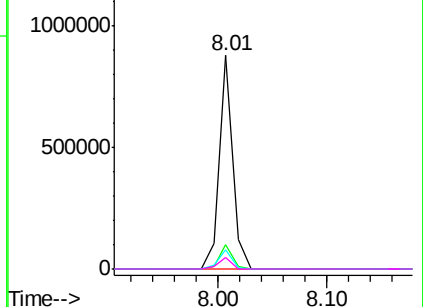


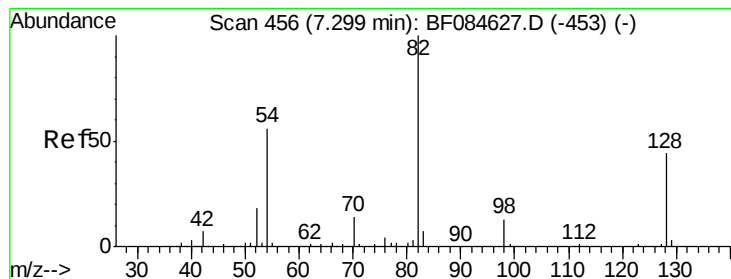
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.01 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

ClientSampleId :

EASTWALL-UST-17

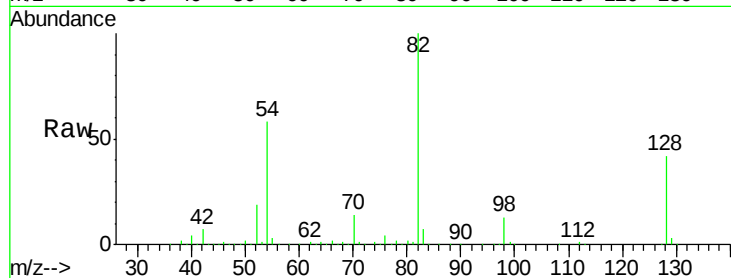
Tgt Ion: 82 Resp: 1316387

Ion Ratio Lower Upper

82 100

128 41.7 34.6 51.8

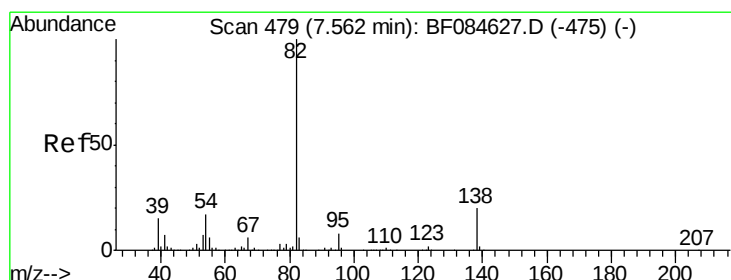
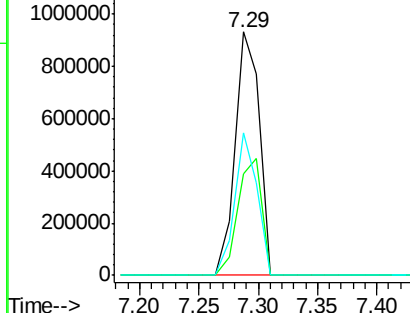
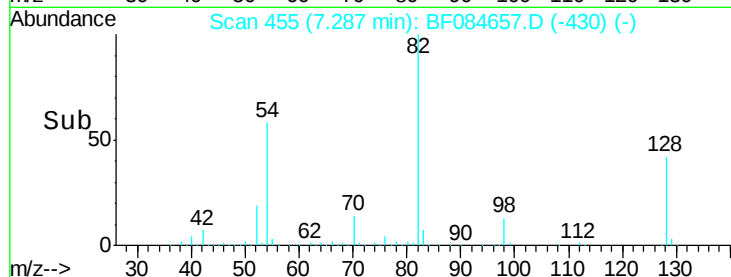
54 58.3 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 46.10 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

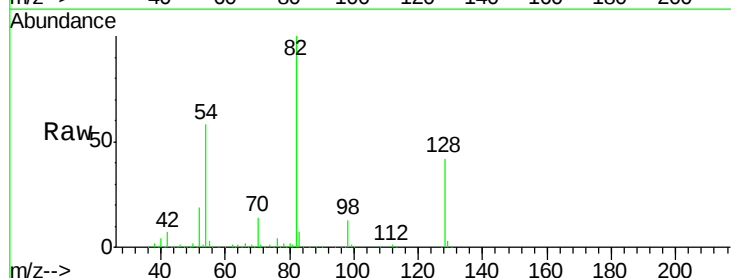
Tgt Ion: 82 Resp: 1171898

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

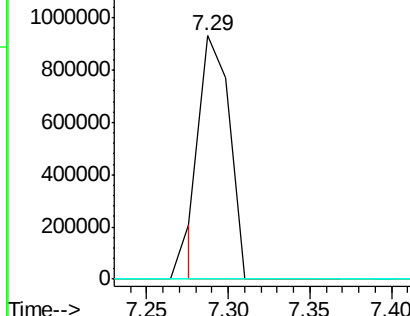
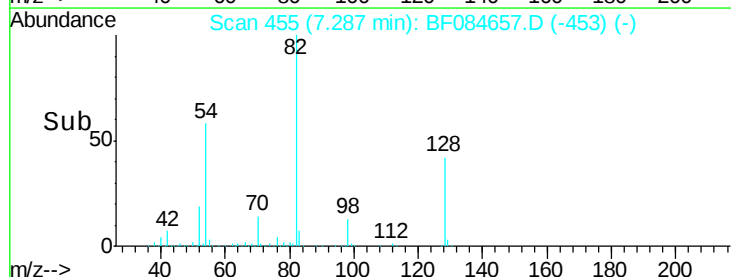
138 0.0 13.6 20.4#

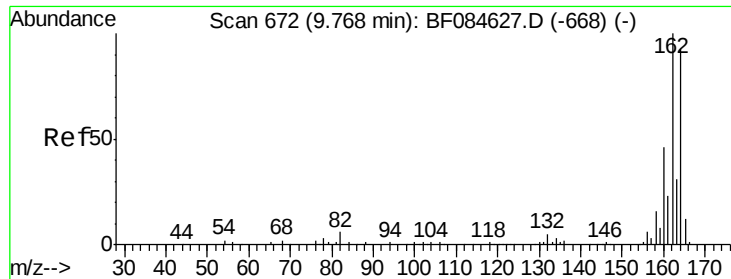


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

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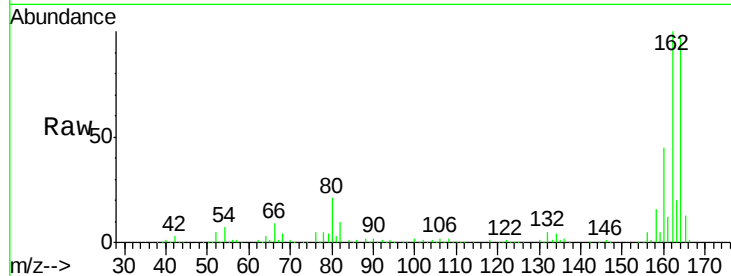
Tgt Ion:164 Resp: 343288

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

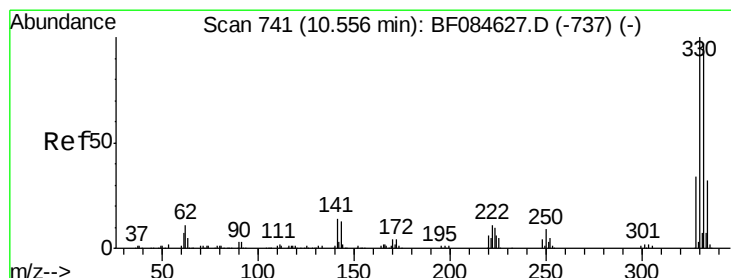
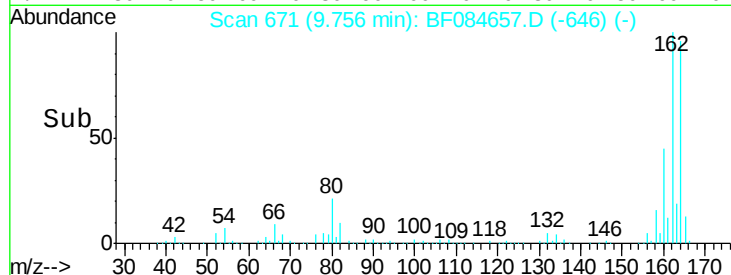
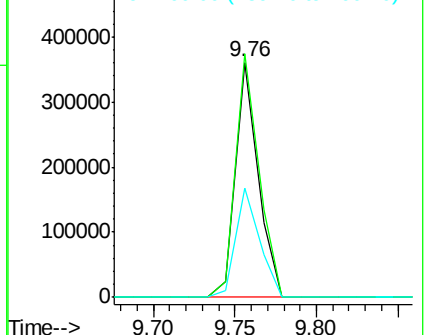
160 46.4 37.5 56.3



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: 171.73 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

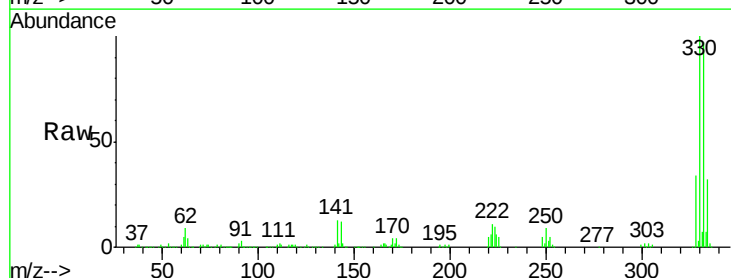
Tgt Ion:330 Resp: 617882

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

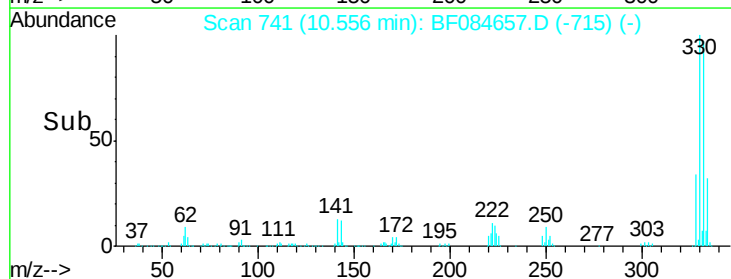
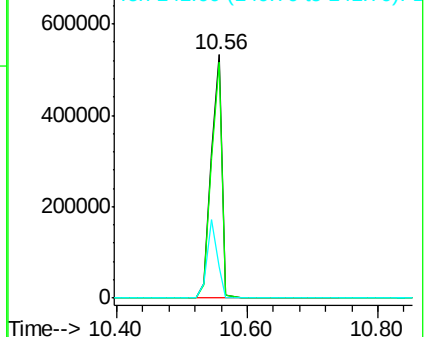
141 30.9 27.8 41.6

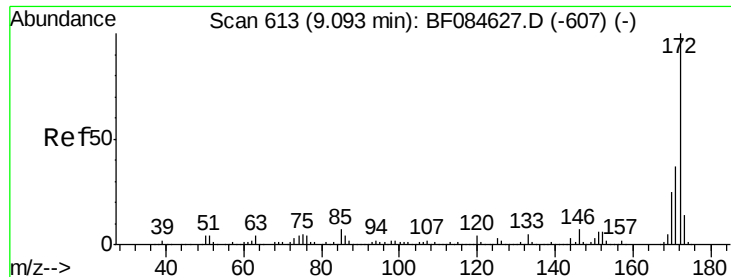


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

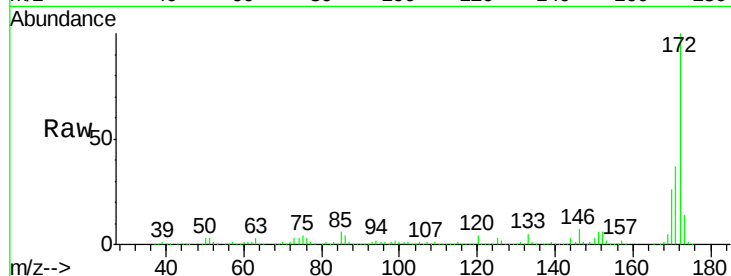




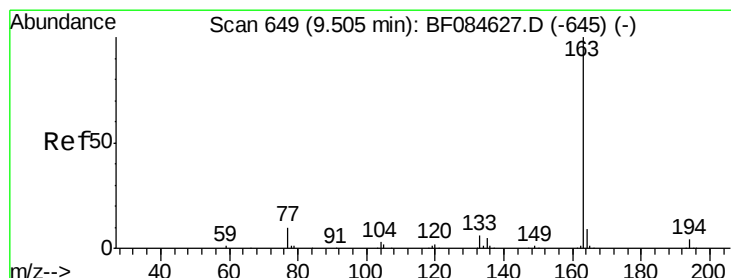
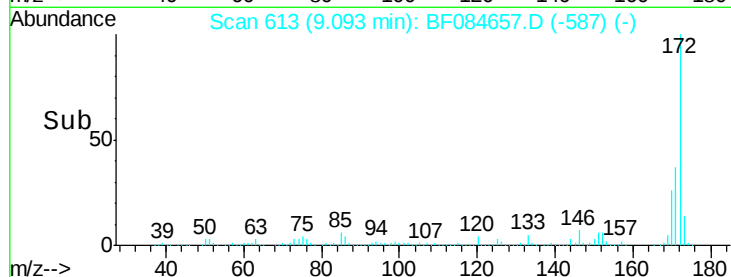
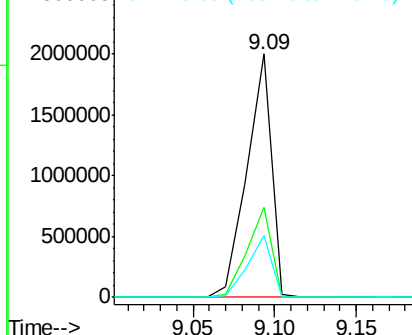
#44
2-Fluorobiphenyl
Concen: 90.18 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084657.D
Acq: 30 Jan 2016 1:28

Instrument :
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Tgt Ion:172 Resp: 2082821
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 25.5 18.6 27.8

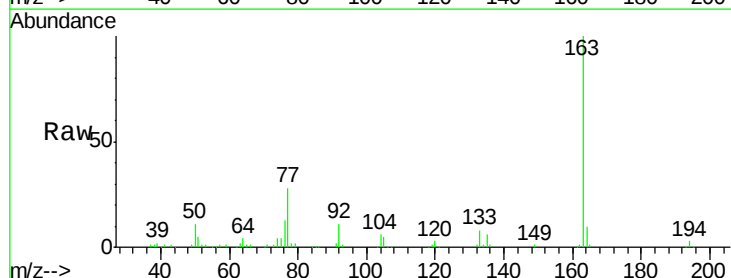


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

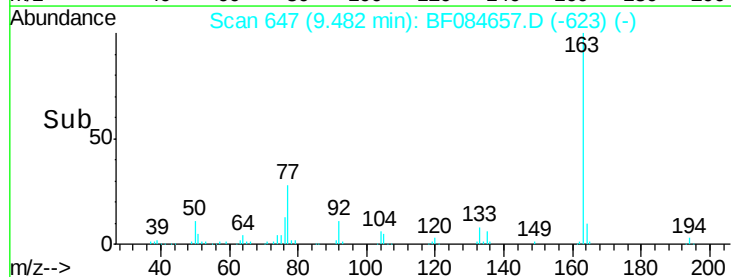
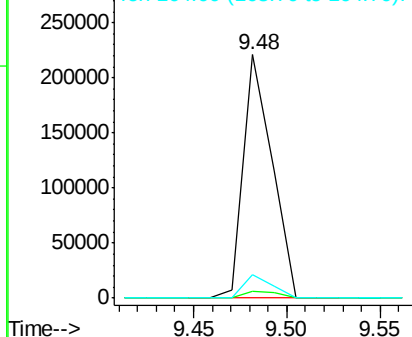


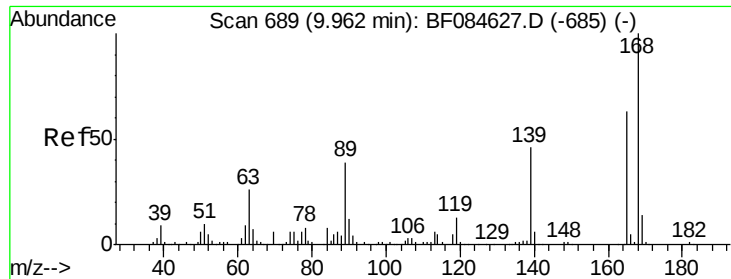
#49
Dimethylphthalate
Concen: 9.17 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084657.D
Acq: 30 Jan 2016 1:28

Tgt Ion:163 Resp: 236359
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 9.8 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

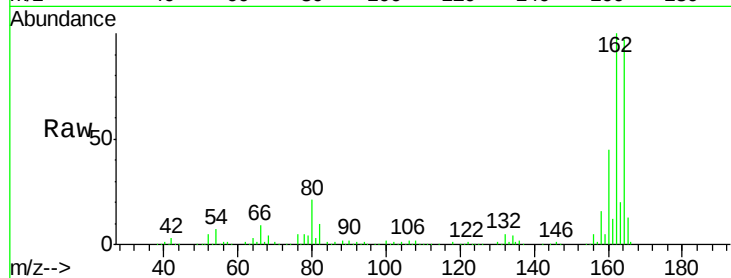




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.21 min
 Lab File: BF084657.D
 Acq: 30 Jan 2016 1:28

Instrument :
 BNA_F
 ClientSampleId :
 EASTWALL-UST-17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

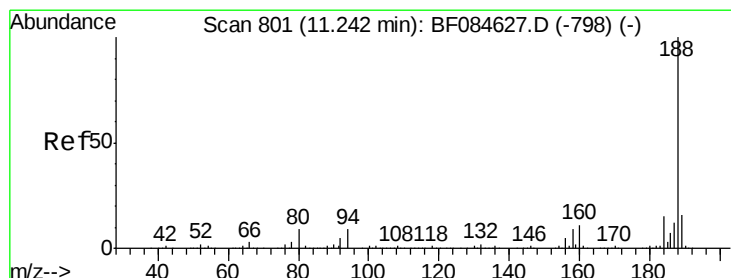
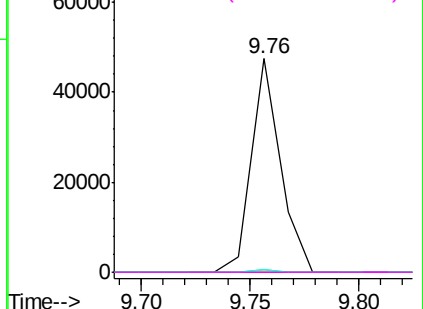
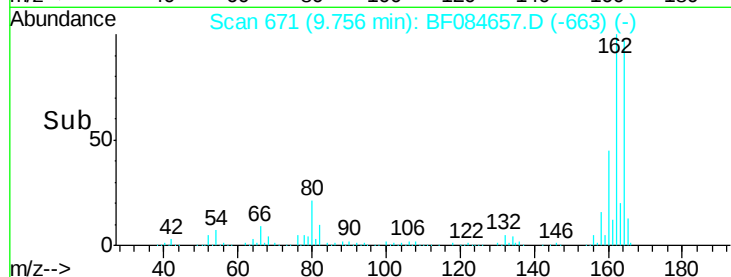


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

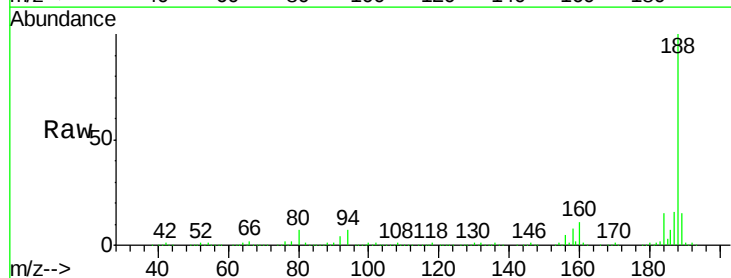
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084657.D
 Acq: 30 Jan 2016 1:28

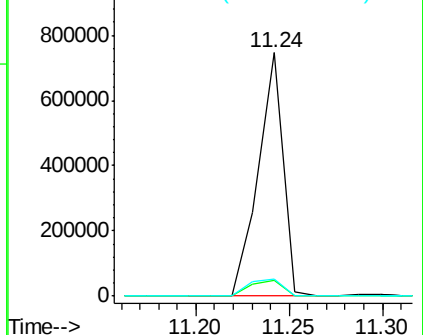
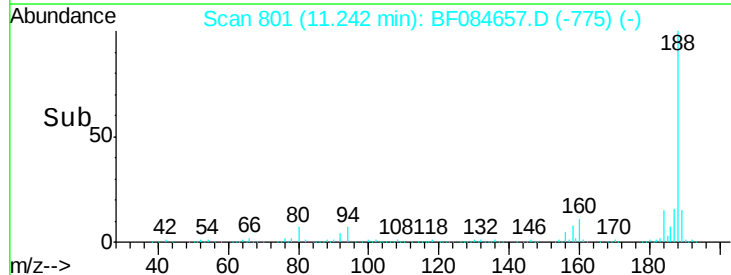
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.0	13.4#
80	6.9	9.6	14.4#

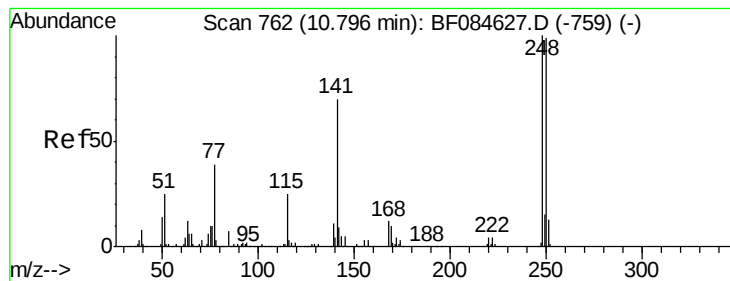


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

Instrument :

BNA_F

ClientSampleId :

EASTWALL-UST-17

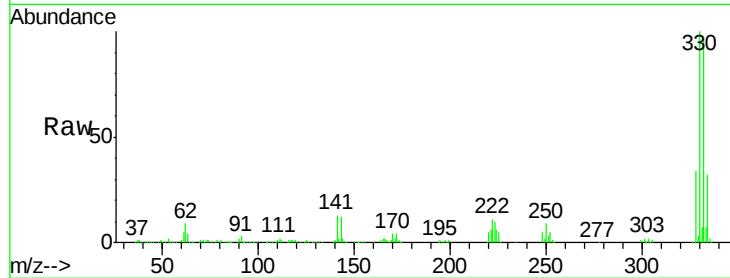
Tgt Ion:248 Resp: 36529

Ion Ratio Lower Upper

248 100

250 190.0 78.4 117.6#

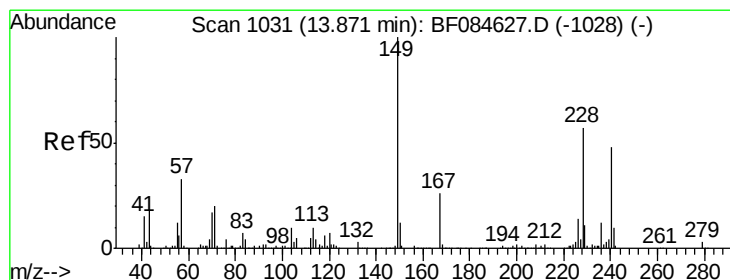
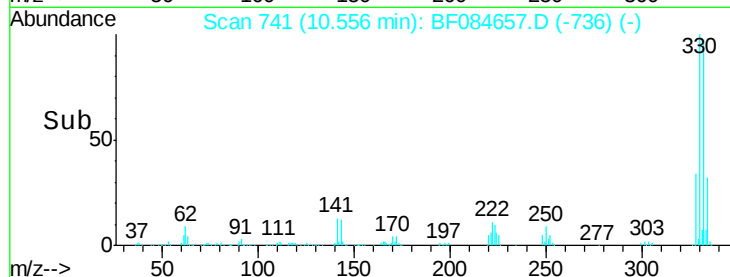
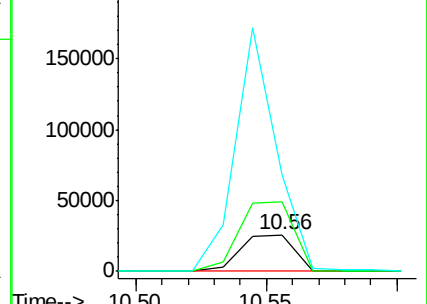
141 263.7 44.0 66.0#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084657.D

Acq: 30 Jan 2016 1:28

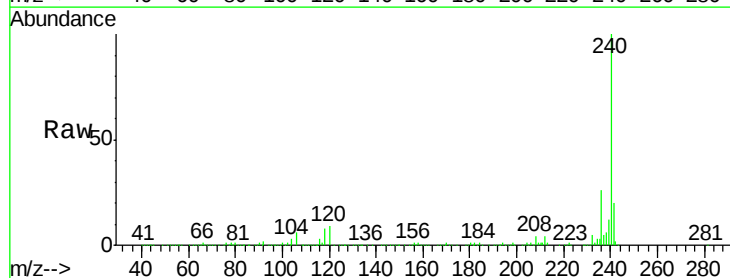
Tgt Ion:240 Resp: 654938

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

236 26.1 20.6 31.0



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

