

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084659.D
 Acq On : 30 Jan 2016 2:23
 Operator : SJ/IZ
 Sample : H1303-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-UST-21

Quant Time: Jan 30 05:41:10 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

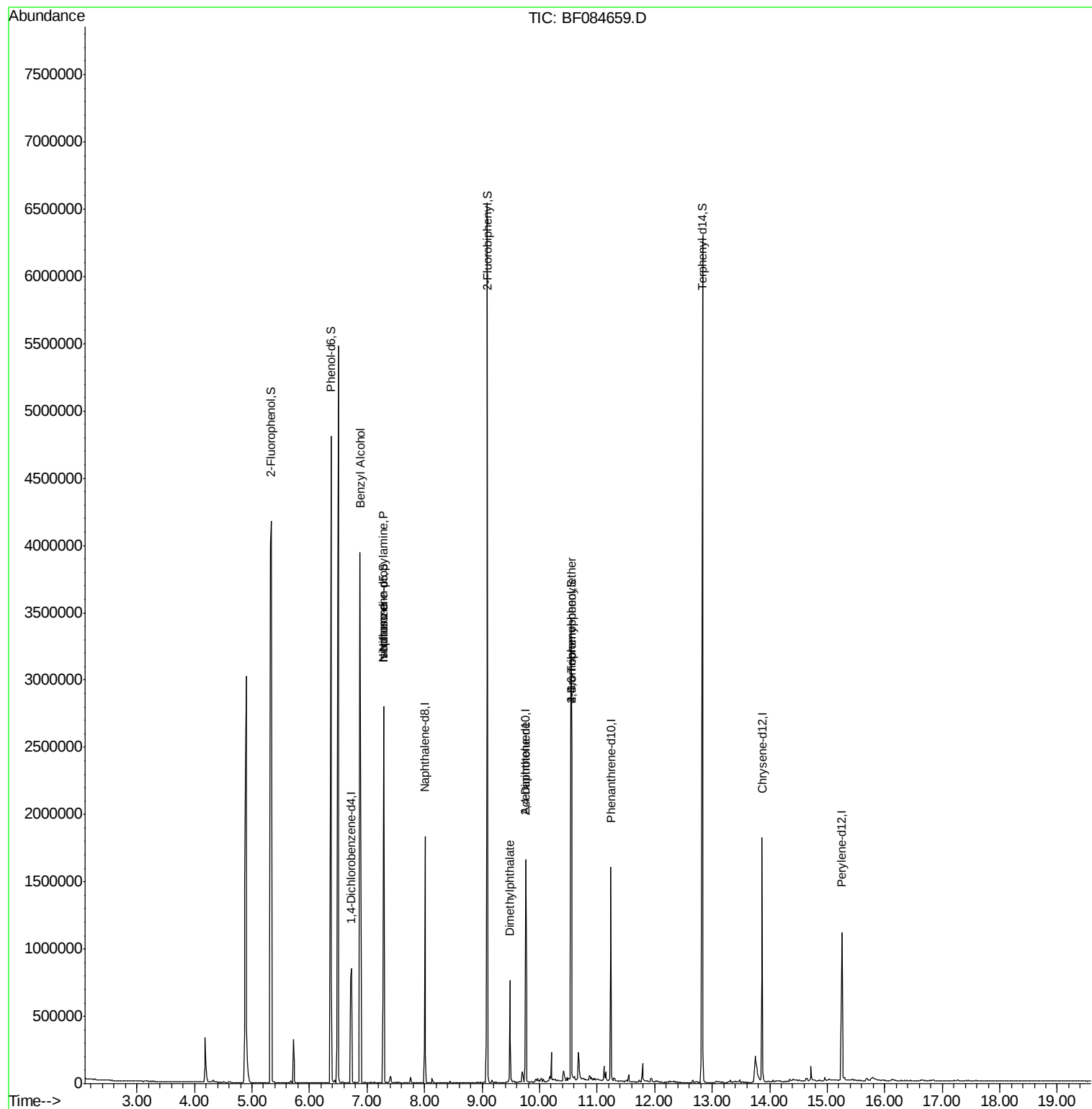
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184706	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	770355	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	354440	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	712029	20.00	ng	0.00
75) Chrysene-d12	13.87	240	662561	20.00	ng	0.00
86) Perylene-d12	15.25	264	489411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1747864	142.84	ng	0.02
7) Phenol-d6	6.37	99	1840076	125.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	1362509	98.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	628672	169.23	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2175461	91.23	ng	0.00
78) Terphenyl-d14	12.83	244	2072717	70.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	20334	2.04	ng	# 48
19) n-Nitroso-di-n-propylamine	7.29	70	185045	20.66	ng	# 69
25) Isophorone	7.29	82	1224547	47.42	ng	# 66
49) Dimethylphthalate	9.48	163	334826	12.59	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	44659	5.87	ng	# 22
66) 4-Bromophenyl-phenylether	10.56	248	37008	4.61	ng	# 1

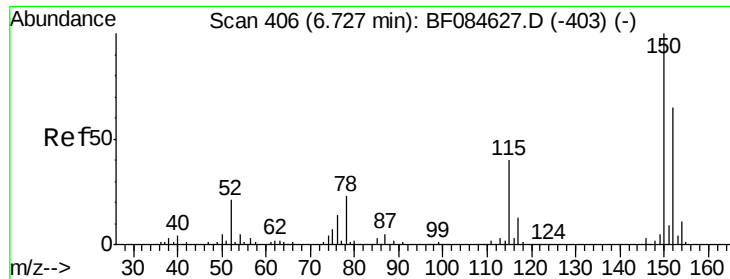
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084659.D

Acq: 30 Jan 2016 2:23

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-UST-21

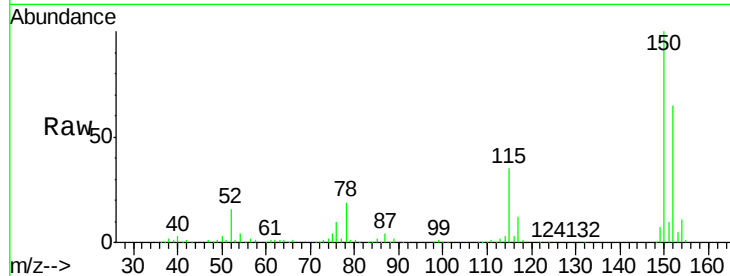
Tgt Ion:152 Resp: 184706

Ion Ratio Lower Upper

152 100

150 153.0 123.0 184.4

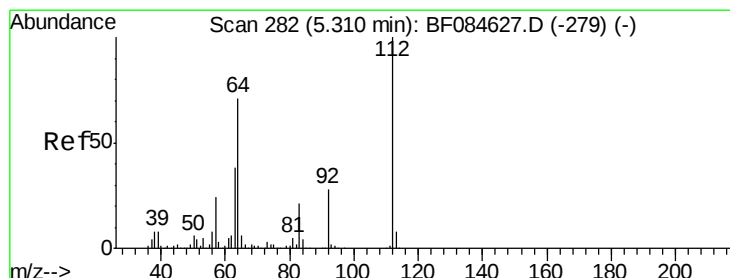
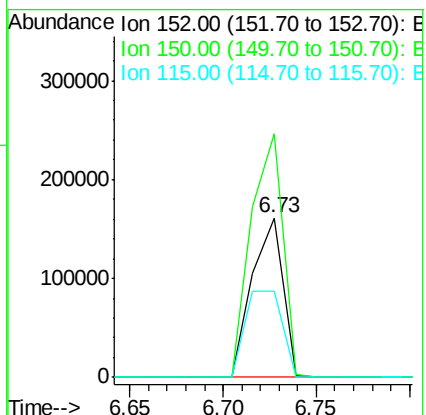
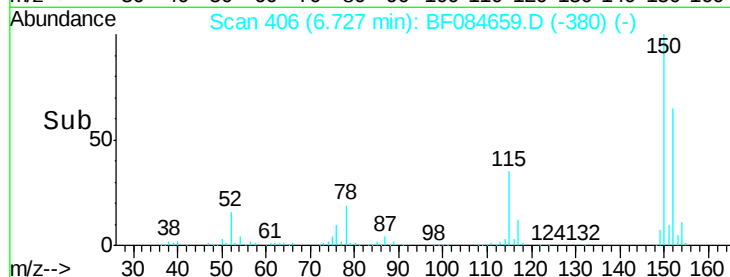
115 53.8 51.4 77.2



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: 142.84 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084659.D

Acq: 30 Jan 2016 2:23

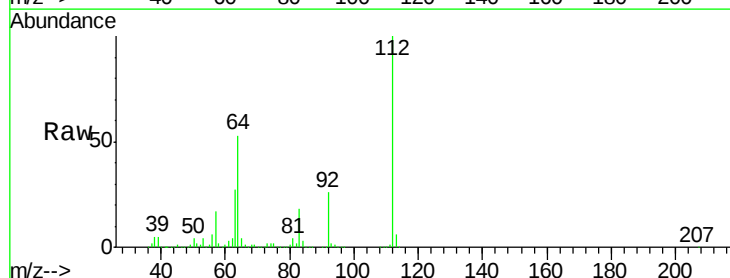
Tgt Ion:112 Resp: 1747864

Ion Ratio Lower Upper

112 100

64 52.8 36.6 55.0

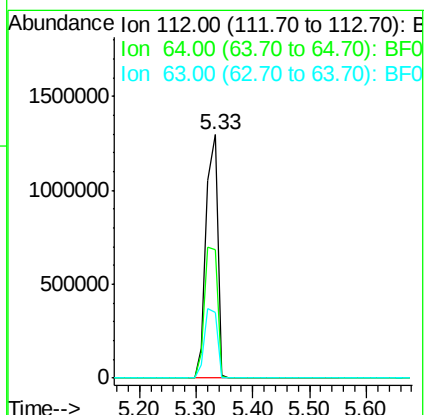
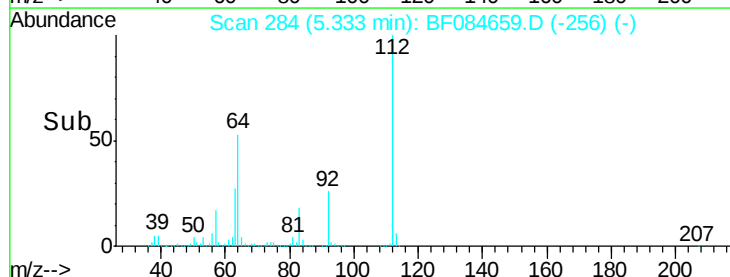
63 27.0 19.4 29.0

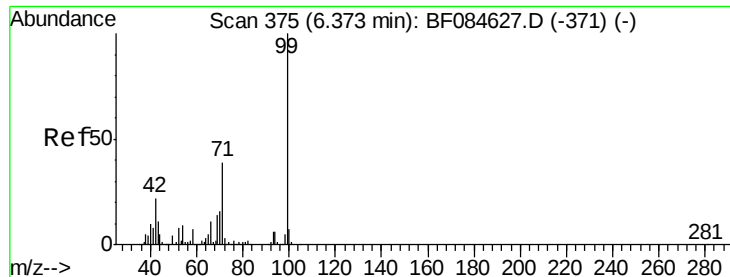


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.47 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084659.D

Acq: 30 Jan 2016 2:23

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-UST-21

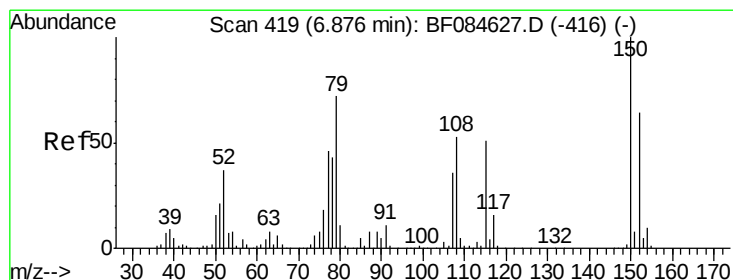
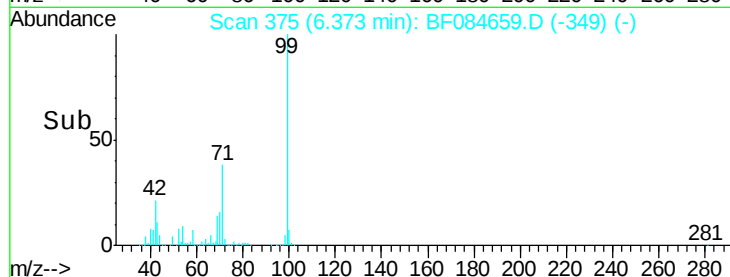
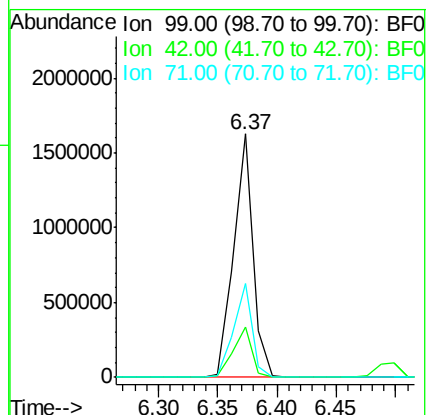
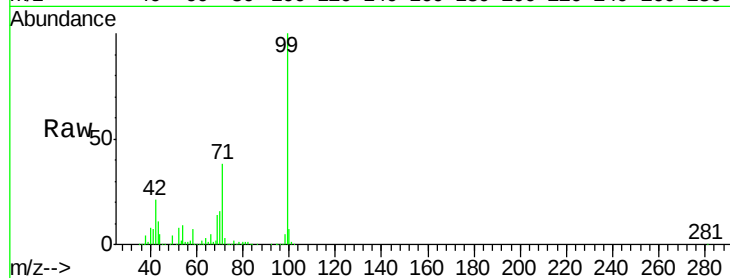
Tgt Ion: 99 Resp: 1840076

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

71 38.4 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084659.D

Acq: 30 Jan 2016 2:23

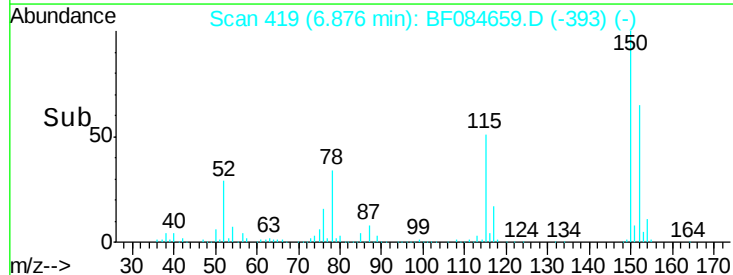
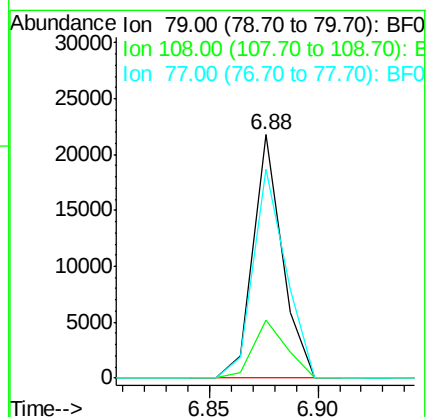
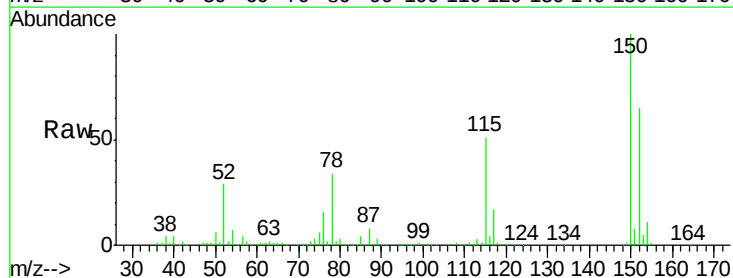
Tgt Ion: 79 Resp: 20334

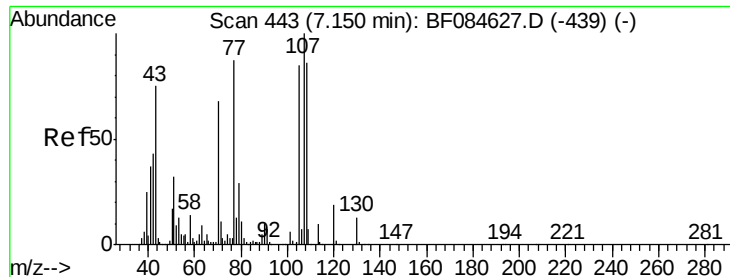
Ion Ratio Lower Upper

79 100

108 24.0 69.0 103.4#

77 85.9 50.0 75.0#

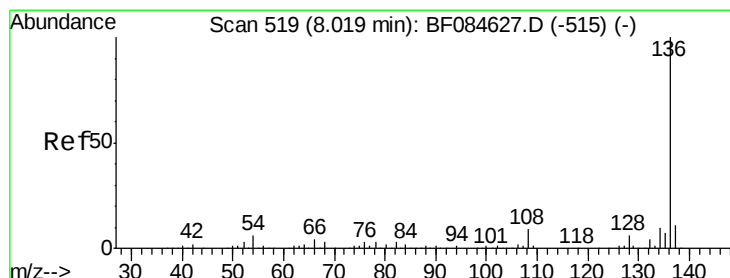
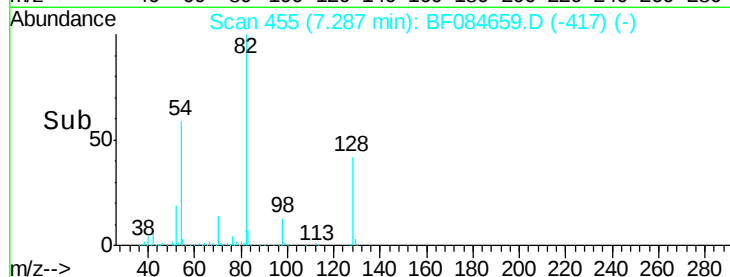
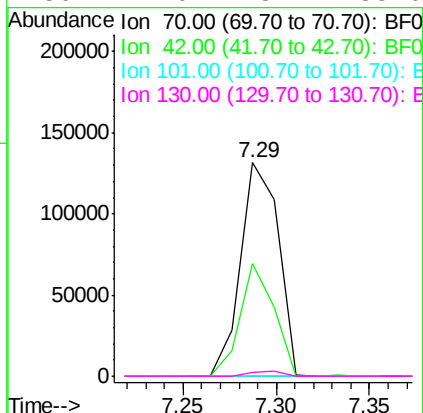
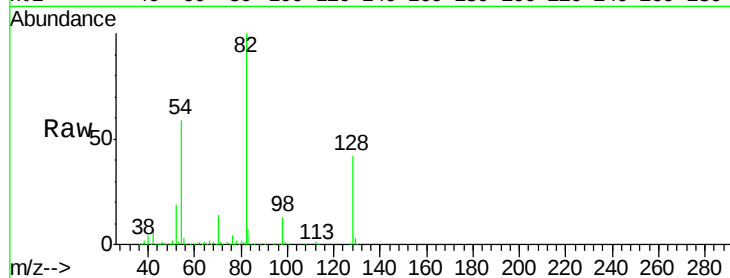




#19
n-Nitroso-di-n-propylamine
Concen: 20.66 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

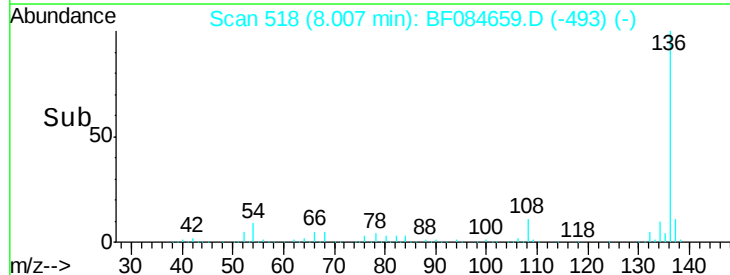
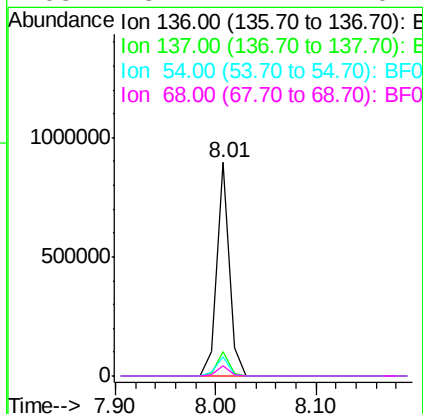
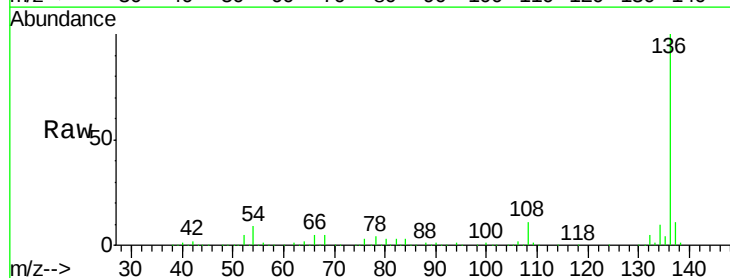
Instrument :
BNA_F
ClientSampleId :
BOTTOM2-UST-21

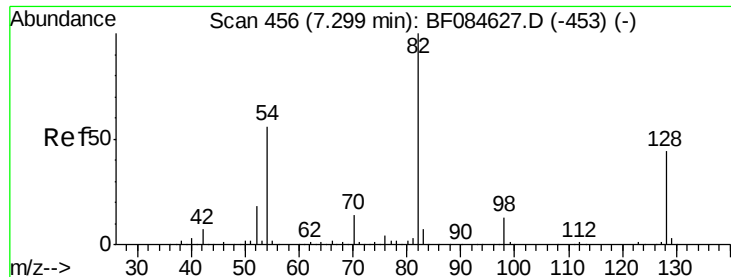
Tgt Ion: 70 Resp: 185045
Ion Ratio Lower Upper
70 100
42 52.7 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Tgt Ion: 136 Resp: 770355
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.1 5.8 8.8#
68 5.1 4.2 6.2

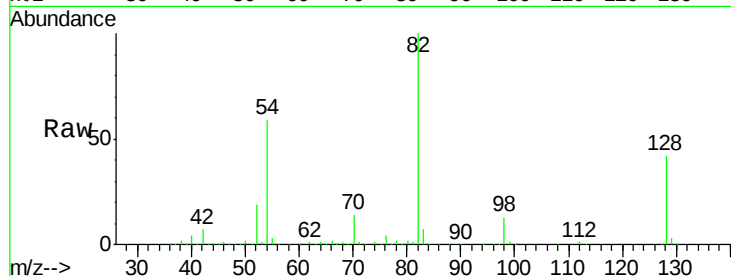




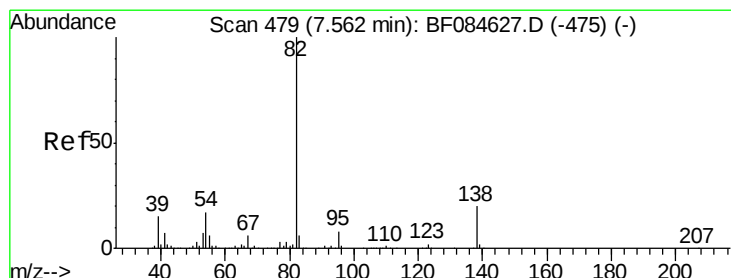
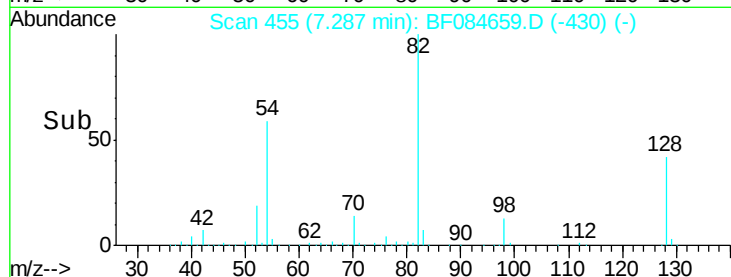
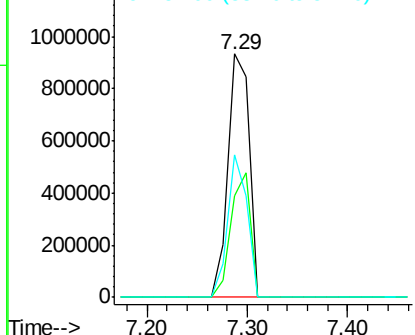
#23
Nitrobenzene-d5
Concen: 98.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Instrument :
BNA_F
ClientSampleId :
BOTTOM2-UST-21

Tgt Ion: 82 Resp: 1362509
Ion Ratio Lower Upper
82 100
128 41.9 34.6 51.8
54 58.8 38.4 57.6#

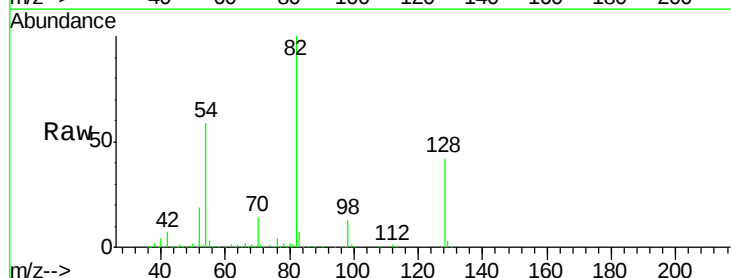


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

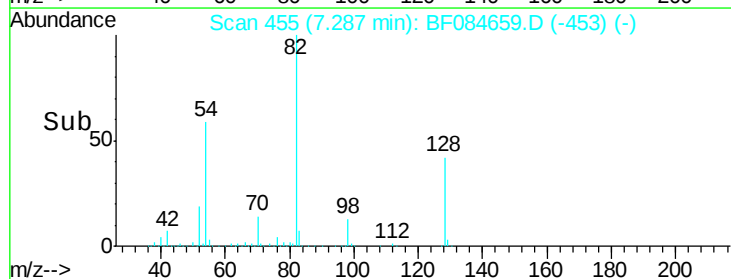
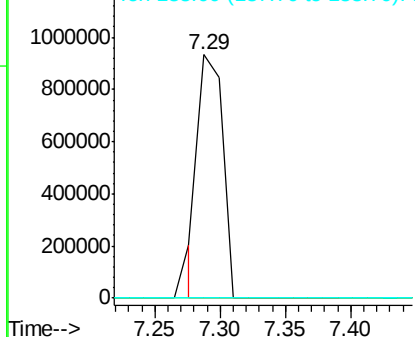


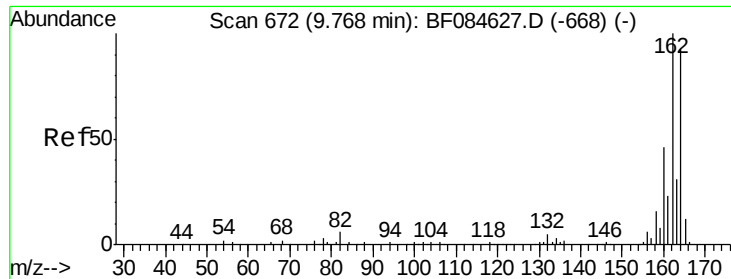
#25
Isophorone
Concen: 47.42 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Tgt Ion: 82 Resp: 1224547
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

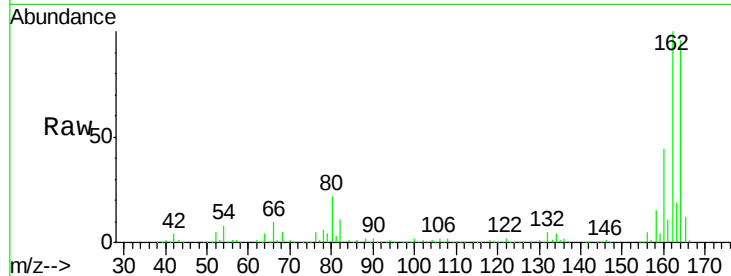




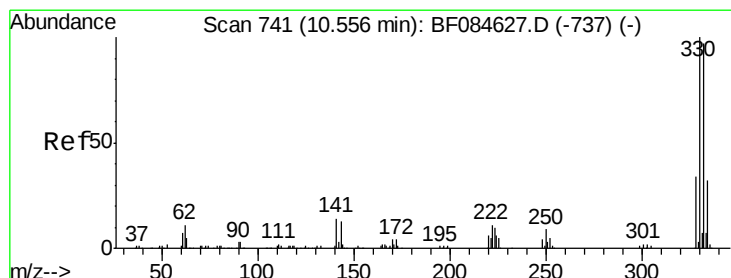
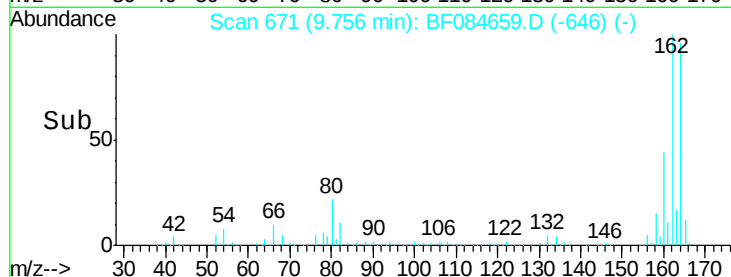
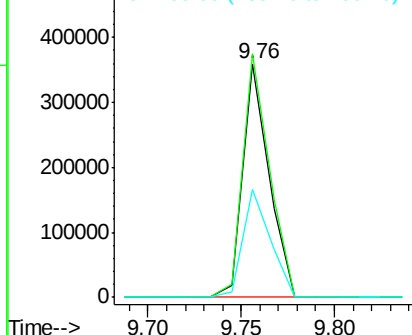
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

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BOTTOM2-UST-21

Tgt Ion:164 Resp: 354440
Ion Ratio Lower Upper
164 100
162 104.1 85.1 127.7
160 46.1 37.5 56.3

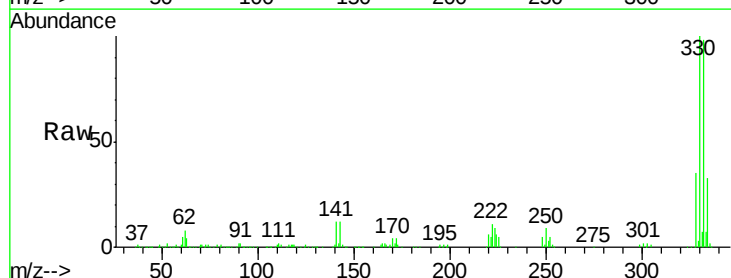


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

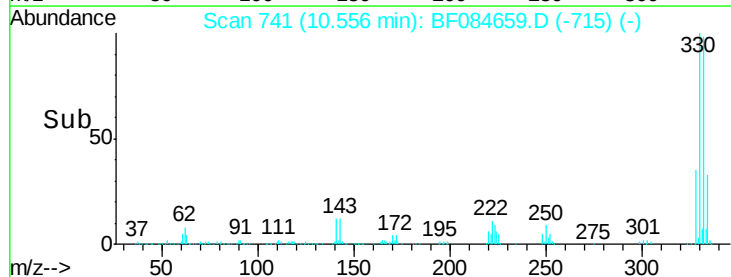
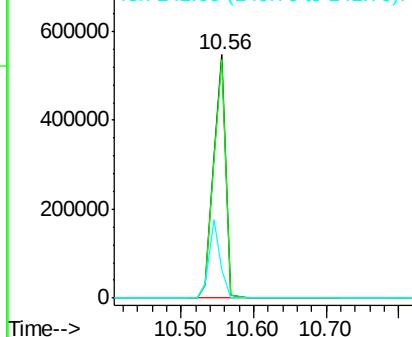


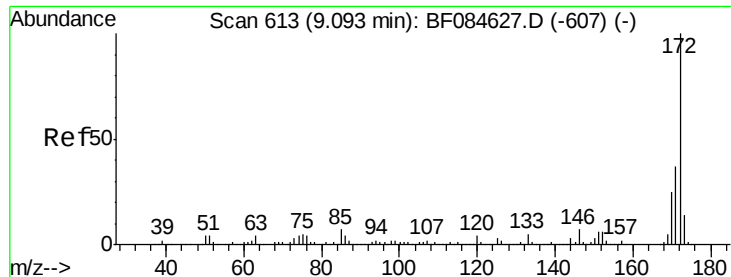
#41
2,4,6-Tribromophenol
Concen: 169.23 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Tgt Ion:330 Resp: 628672
Ion Ratio Lower Upper
330 100
332 98.0 76.6 114.8
141 30.7 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

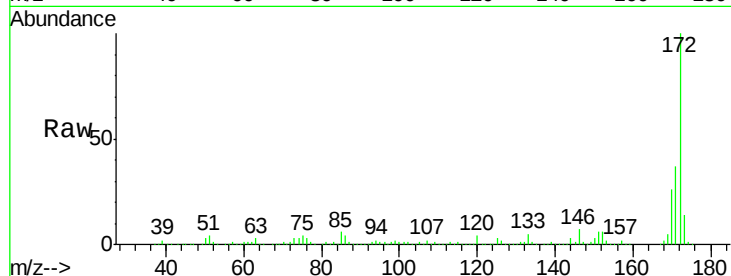




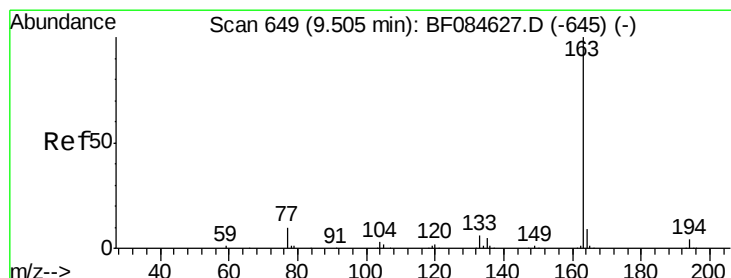
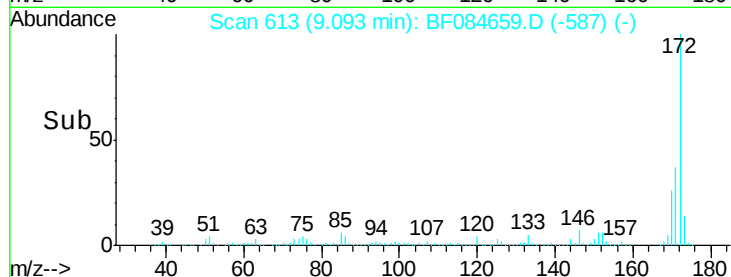
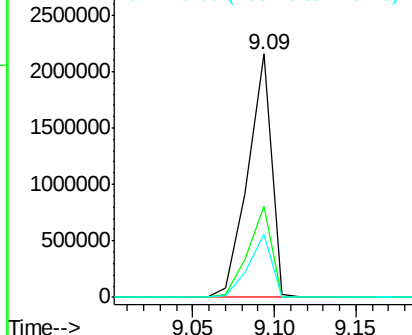
#44
2-Fluorobiphenyl
Concen: 91.23 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 2175461
Ion Ratio Lower Upper
172 100
171 37.4 28.9 43.3
170 25.8 18.6 27.8

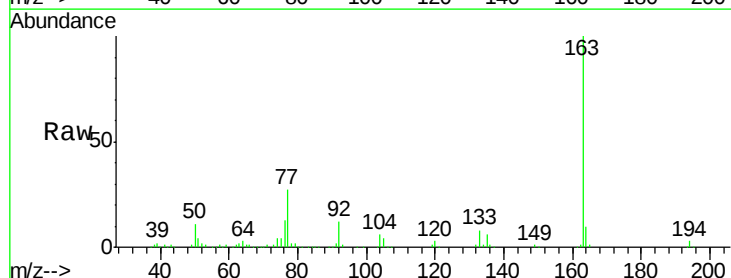


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

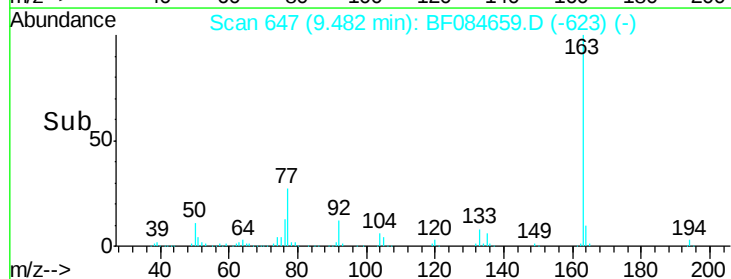
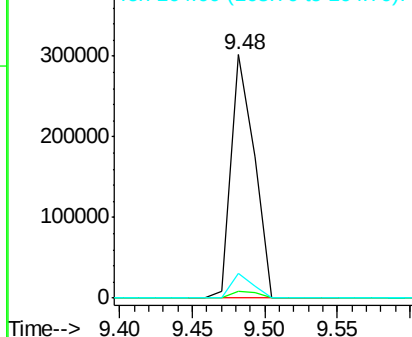


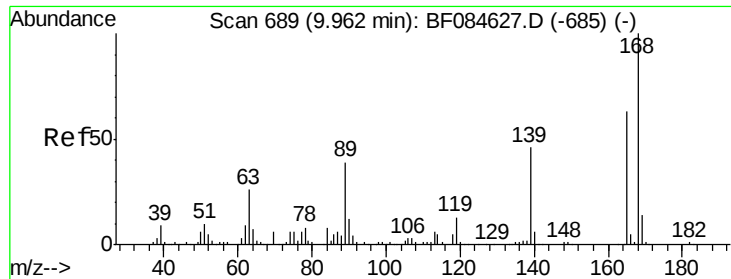
#49
Dimethylphthalate
Concen: 12.59 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084659.D
Acq: 30 Jan 2016 2:23

Tgt Ion:163 Resp: 334826
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.3 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

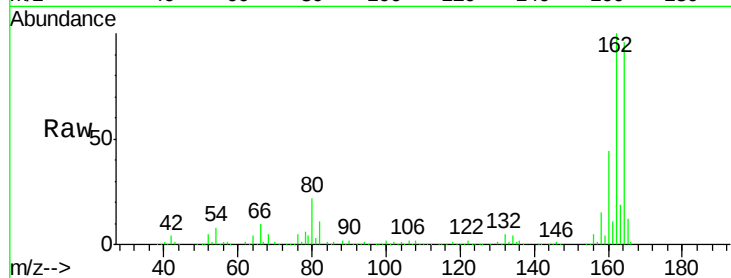




#56
 2,4-Dinitrotoluene
 Concen: 5.87 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.21 min
 Lab File: BF084659.D
 Acq: 30 Jan 2016 2:23

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-UST-21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44659		
63	1.5	36.7	55.1#	
89	1.7	61.9	92.9#	
182	0.0	2.0	3.0#	

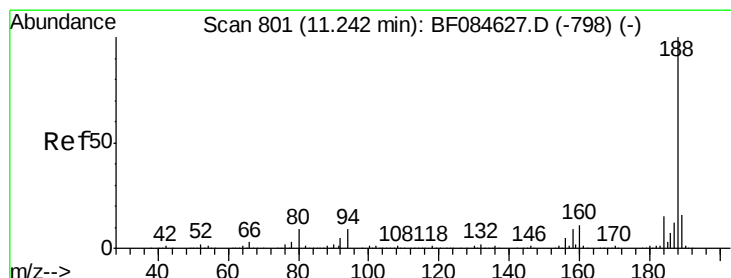
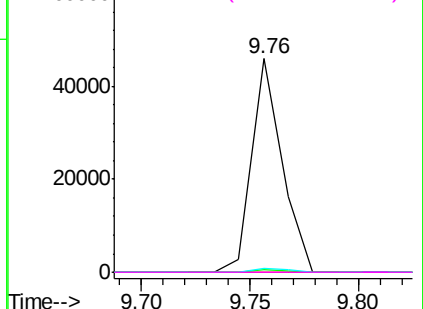
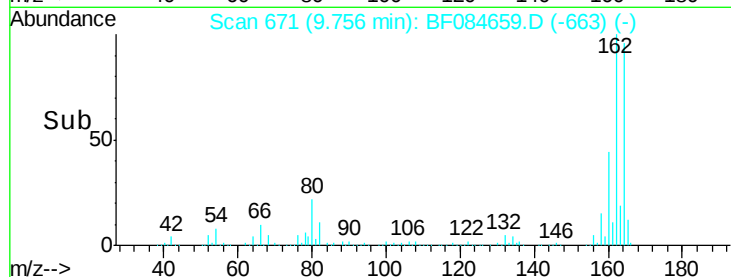


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

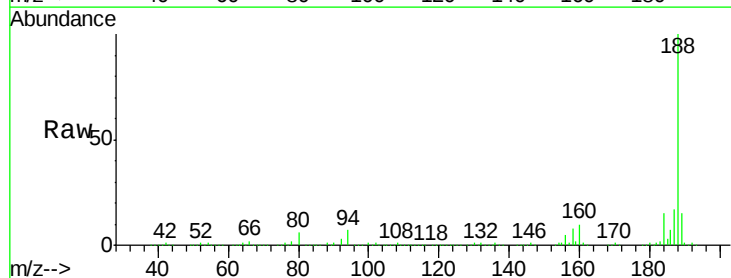
Ion 89.00 (88.70 to 89.70): BF0

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: BF084659.D
 Acq: 30 Jan 2016 2:23

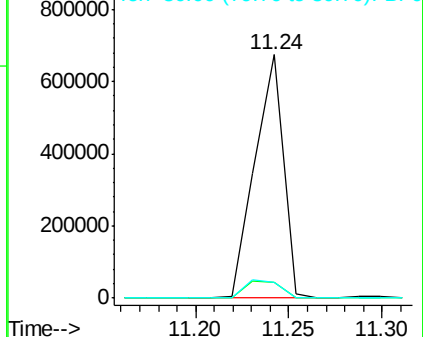
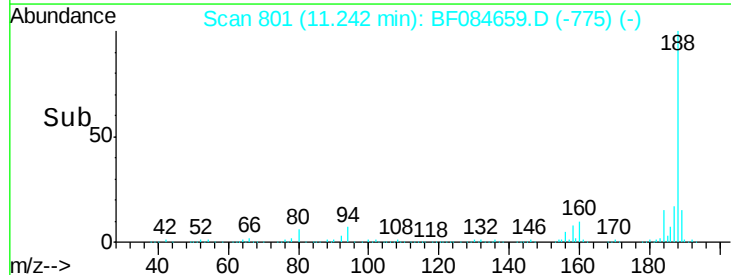
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	712029		
94	6.7	9.0	13.4#	
80	6.4	9.6	14.4#	

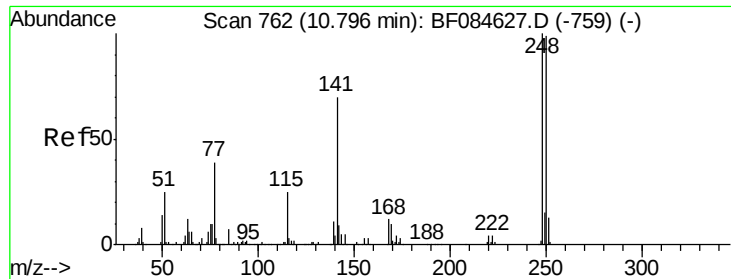


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.61 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF084659.D

Acq: 30 Jan 2016 2:23

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-UST-21

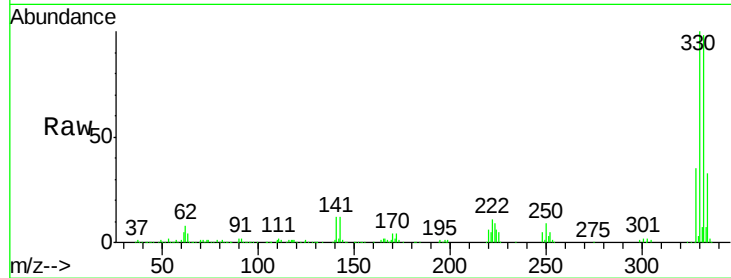
Tgt Ion:248 Resp: 37008

Ion Ratio Lower Upper

248 100

250 200.6 78.4 117.6#

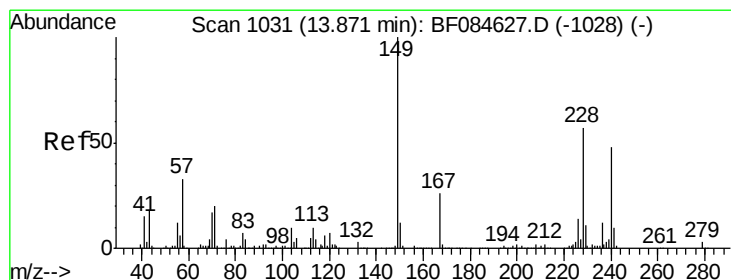
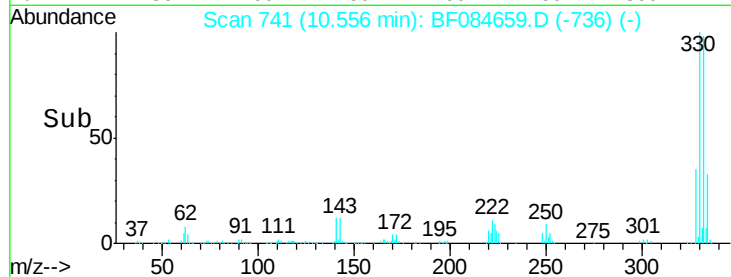
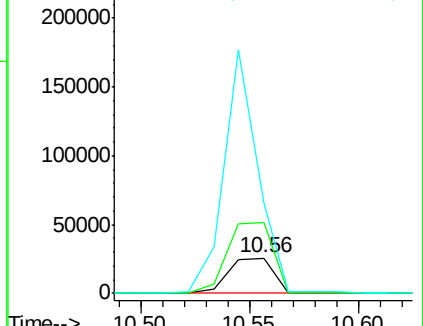
141 255.5 44.0 66.0#



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: BF084659.D

Acq: 30 Jan 2016 2:23

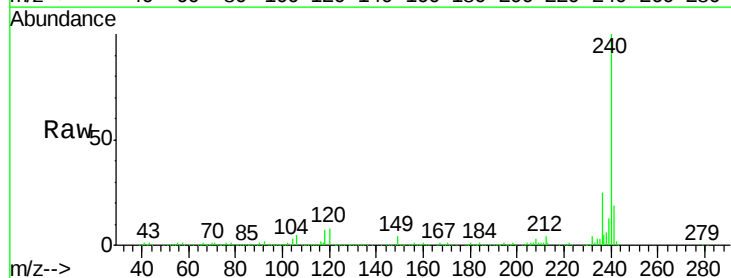
Tgt Ion:240 Resp: 662561

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

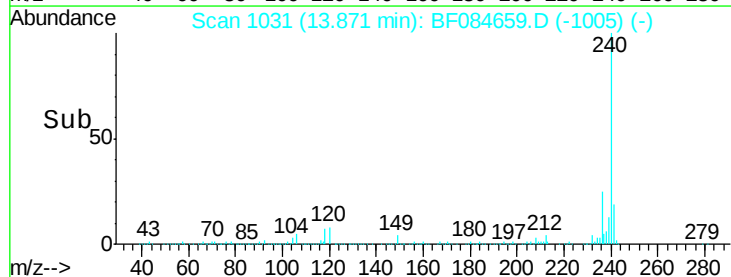
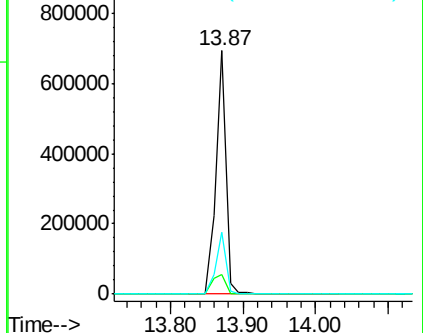
236 25.4 20.6 31.0

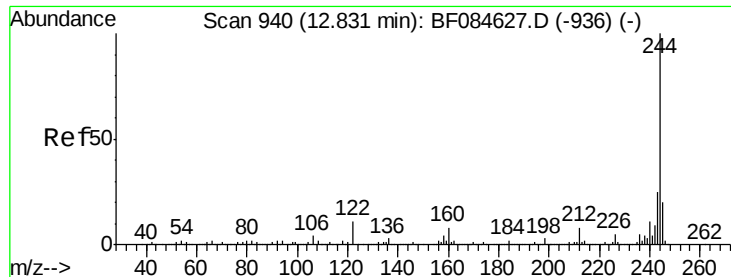


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

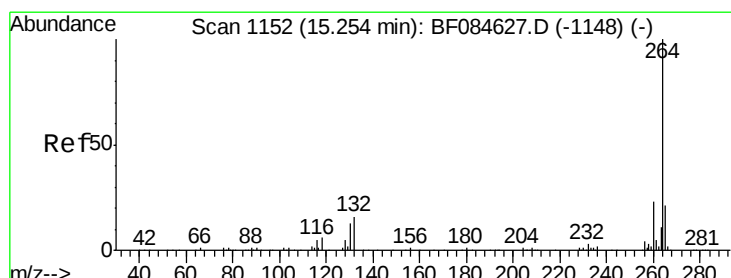
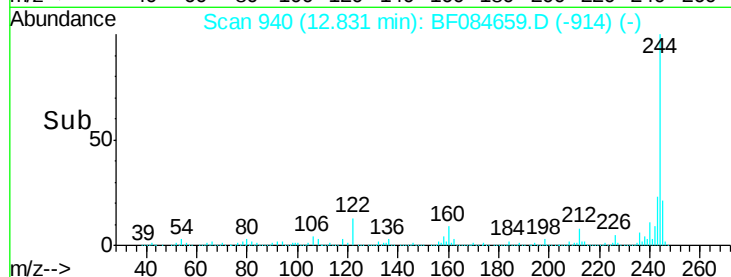
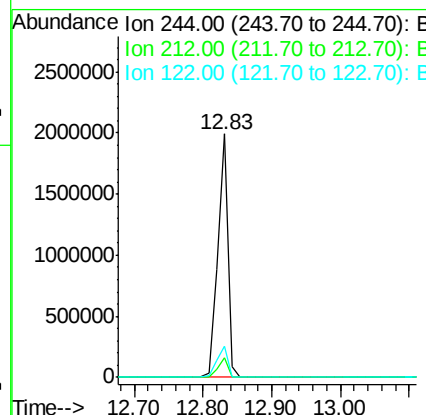
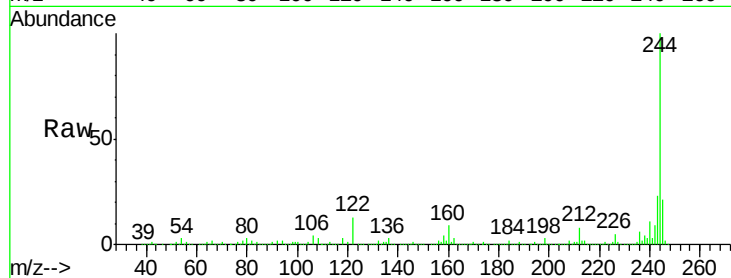




#78
 Terphenyl-d14
 Concen: 70.65 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084659.D
 Acq: 30 Jan 2016 2:23

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-UST-21

Tgt Ion:244 Resp: 2072717
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084659.D
 Acq: 30 Jan 2016 2:23

Tgt Ion:264 Resp: 489411
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.1 17.8 26.6

