

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084656.D
 Acq On : 30 Jan 2016 1:00
 Operator : SJ/IZ
 Sample : H1303-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTHWALL-UST-16

Quant Time: Jan 30 05:40:32 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

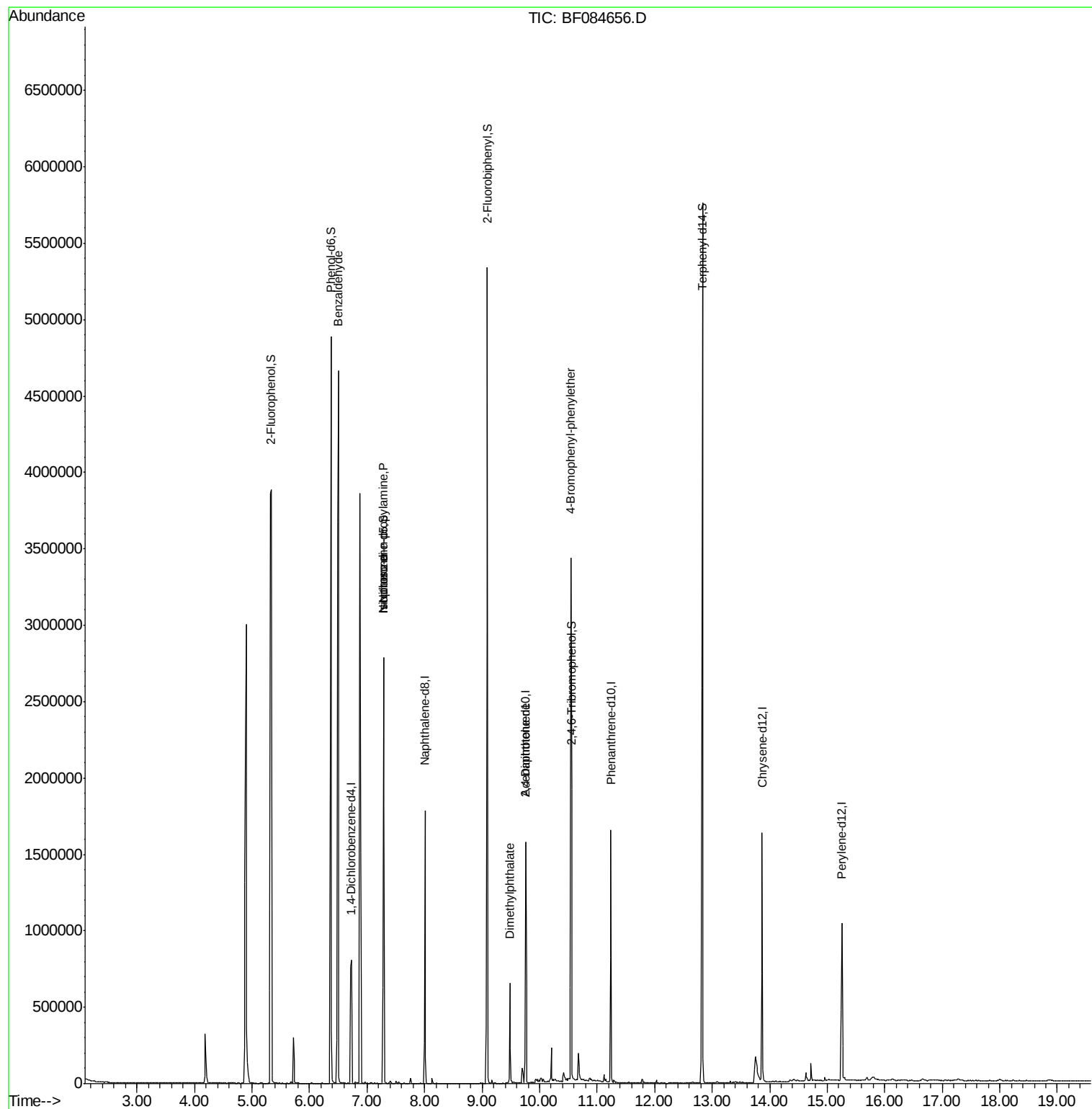
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178893	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	750817	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	334154	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	689033	20.00	ng	0.00
75) Chrysene-d12	13.87	240	629584	20.00	ng	0.00
86) Perylene-d12	15.25	264	460933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1639537	138.34	ng	0.02
7) Phenol-d6	6.37	99	1755353	123.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	1210734	90.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	553304	157.99	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1956811	87.04	ng	0.00
78) Terphenyl-d14	12.83	244	1900651	68.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	40791	4.96	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.29	70	162958	18.78	ng	# 72
25) Isophorone	7.29	82	1066689	42.38	ng	# 66
49) Dimethylphthalate	9.48	163	267986	10.69	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	42673	5.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	32072	4.13	ng	# 1

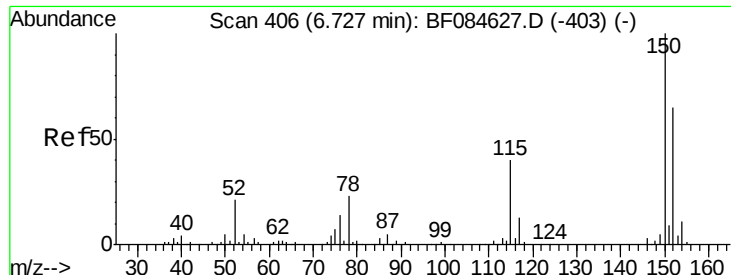
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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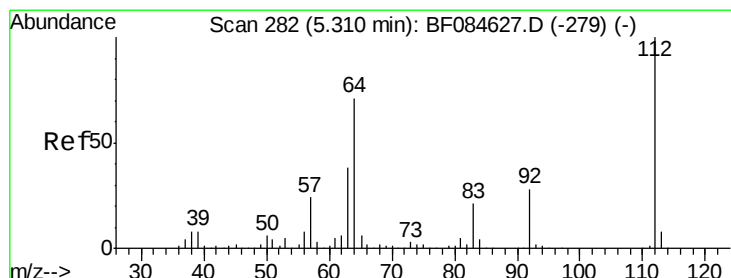
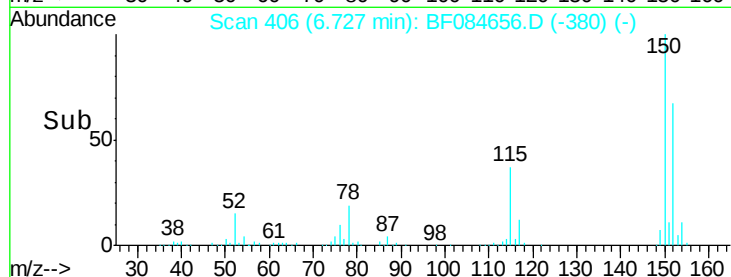
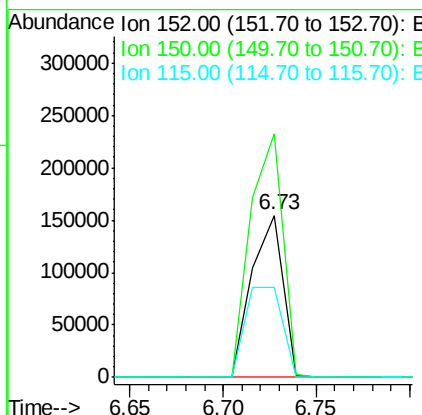
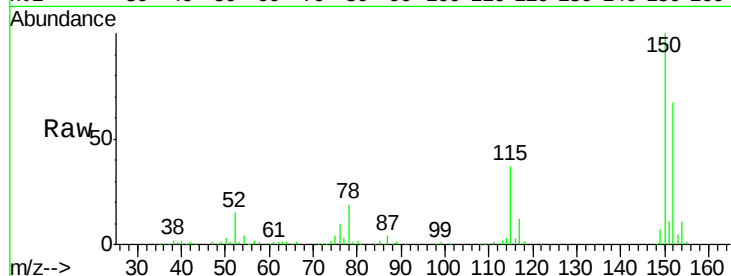




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF084656.D
 Acq: 30 Jan 2016 1:00

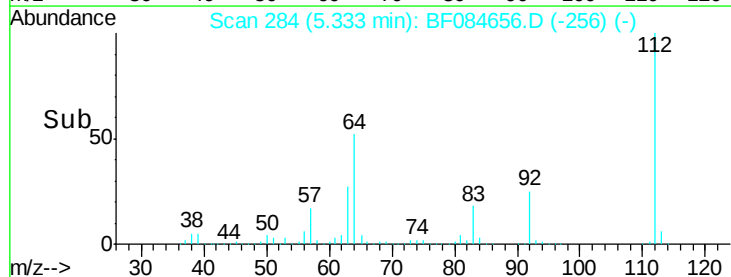
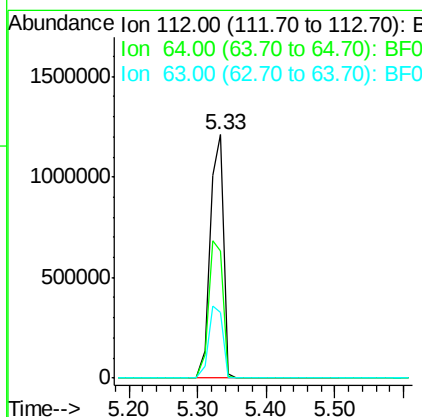
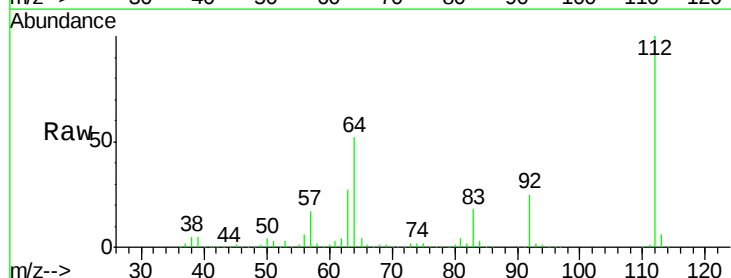
Instrument :
 BNA_F
 ClientSampleId :
 NORTHWALL-UST-16

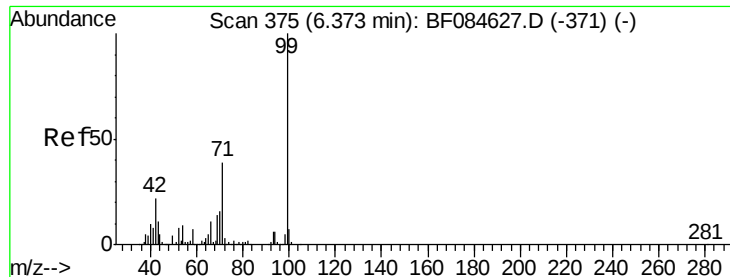
Tgt Ion:152 Resp: 178893
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.0 184.4
 115 55.6 51.4 77.2



#5
 2-Fluorophenol
 Concen: 138.34 ng
 RT: 5.33 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF084656.D
 Acq: 30 Jan 2016 1:00

Tgt Ion:112 Resp: 1639537
 Ion Ratio Lower Upper
 112 100
 64 52.5 36.6 55.0
 63 27.2 19.4 29.0





#7

Phenol-d6

Concen: 123.58 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-UST-16

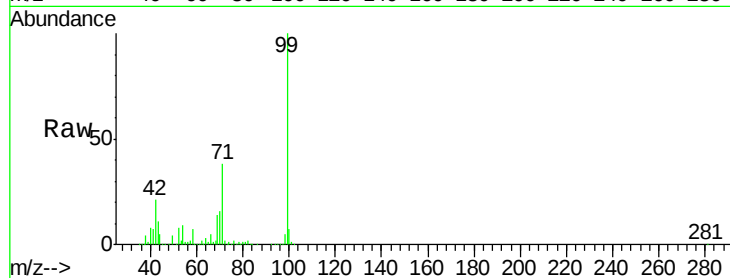
Tgt Ion: 99 Resp: 1755353

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

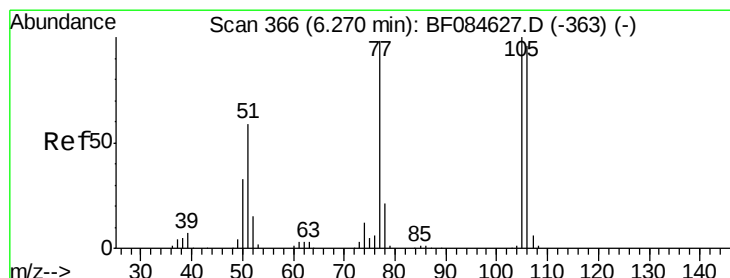
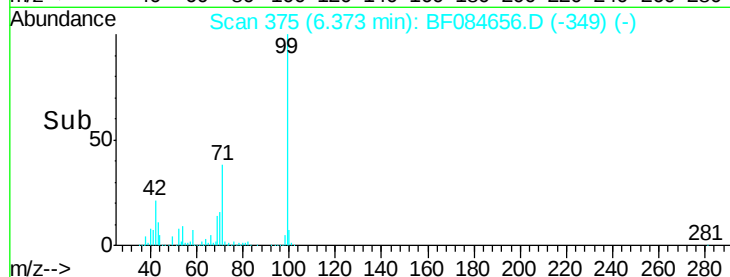
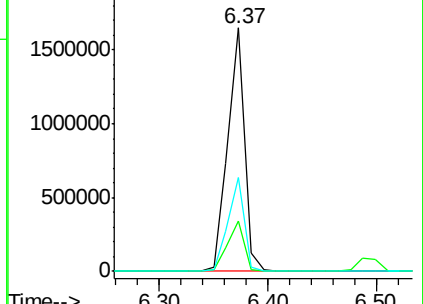
71 38.3 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.96 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

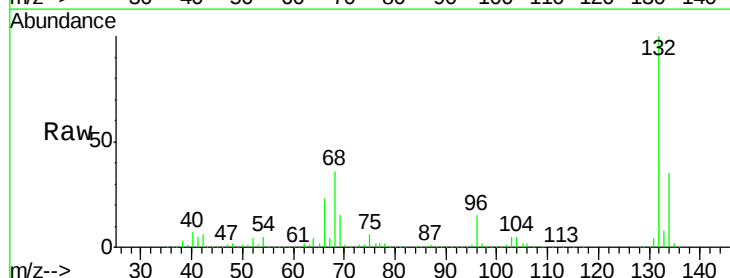
Tgt Ion: 77 Resp: 40791

Ion Ratio Lower Upper

77 100

105 83.7 83.0 123.0

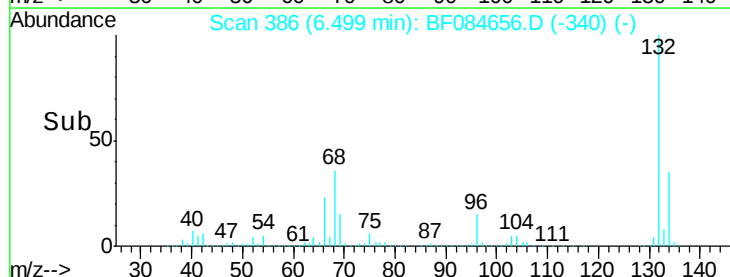
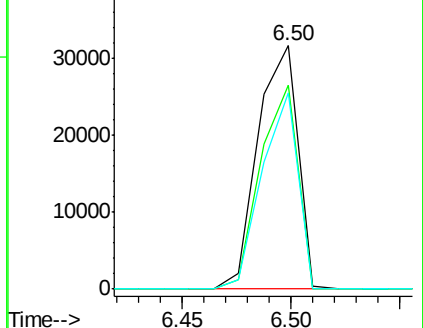
106 80.4 74.6 114.6

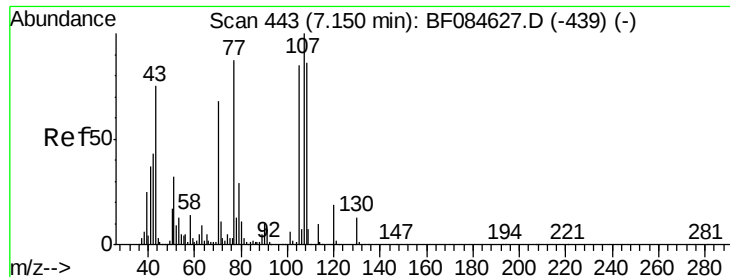


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

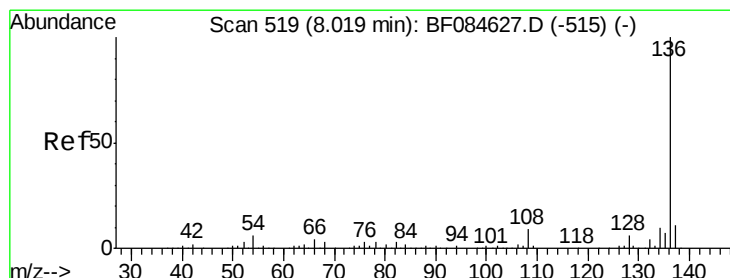
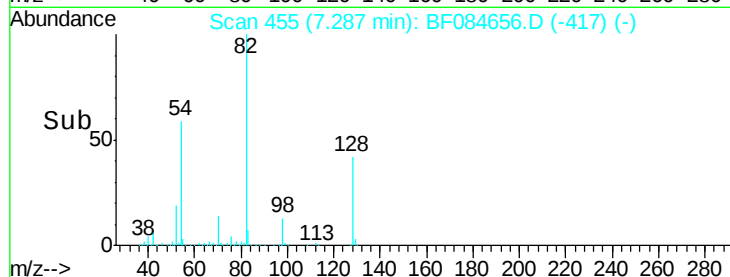
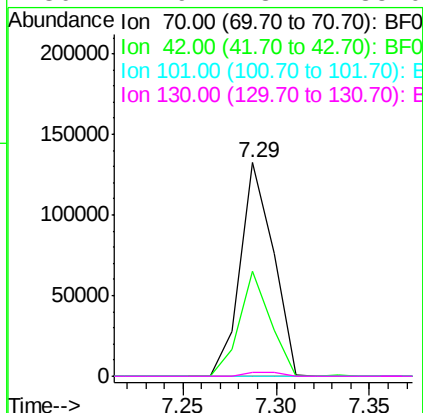
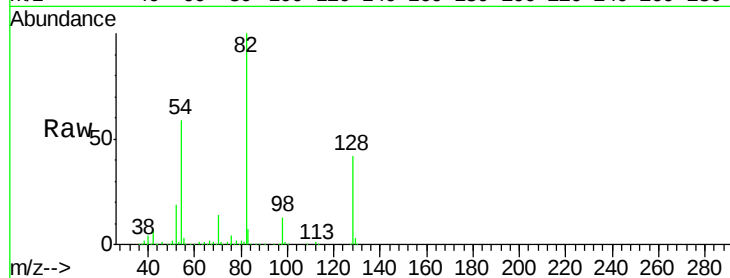




#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

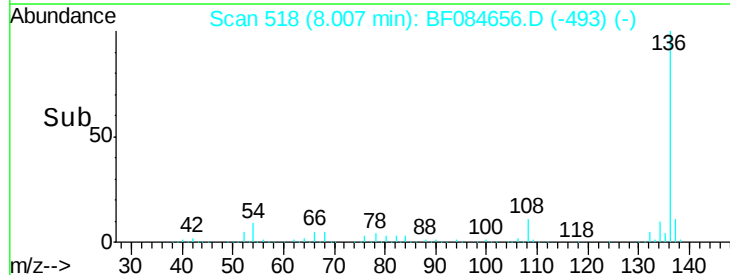
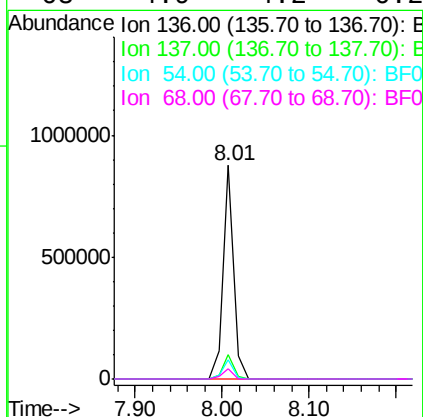
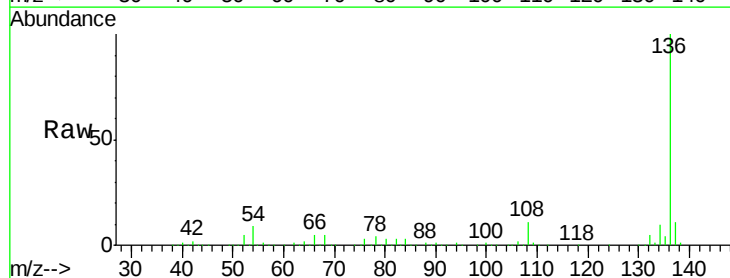
Instrument :
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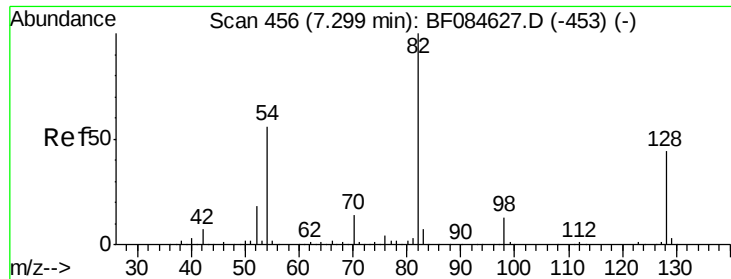
Tgt Ion: 70 Resp: 162958
Ion Ratio Lower Upper
70 100
42 49.0 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

Tgt Ion: 136 Resp: 750817
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.1 5.8 8.8#
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 90.12 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-UST-16

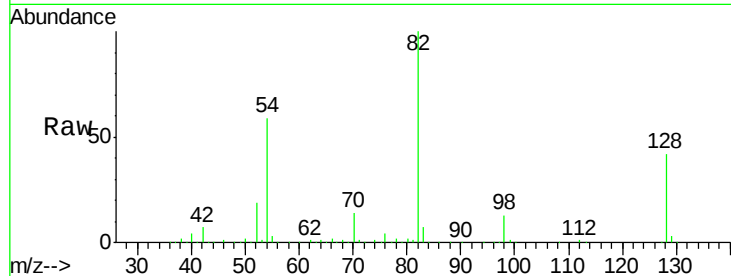
Tgt Ion: 82 Resp: 1210734

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

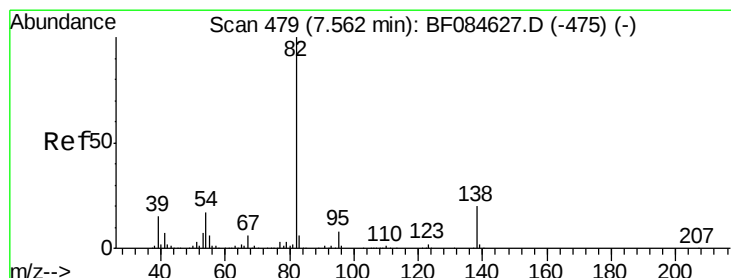
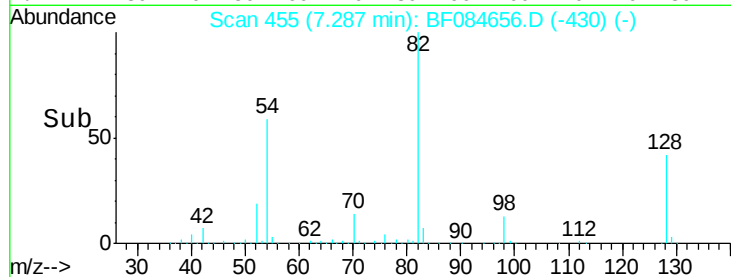
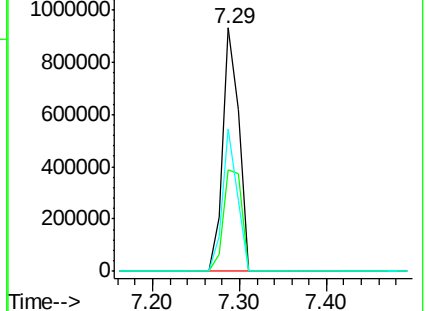
54 58.6 38.4 57.6#



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: 42.38 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

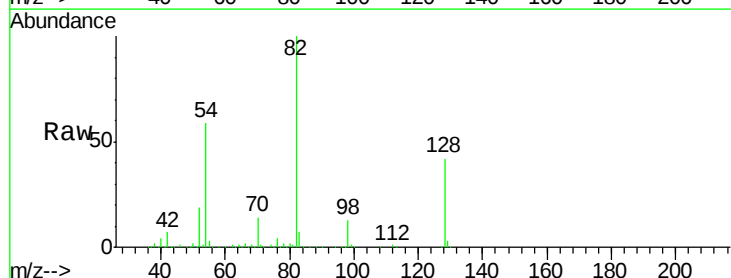
Tgt Ion: 82 Resp: 1066689

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

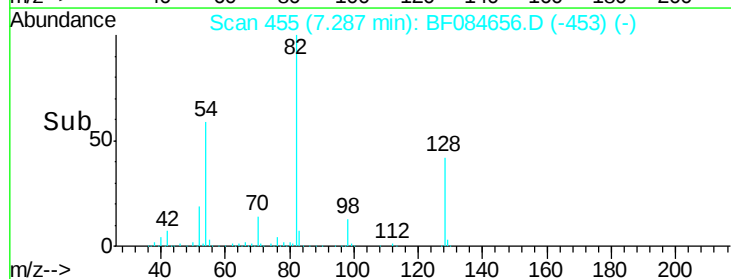
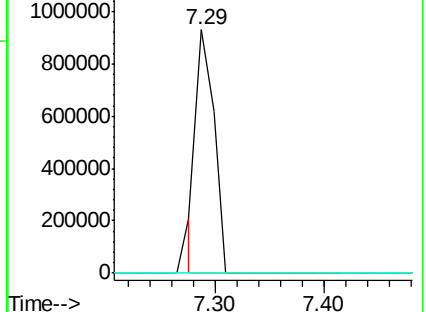
138 0.0 13.6 20.4#

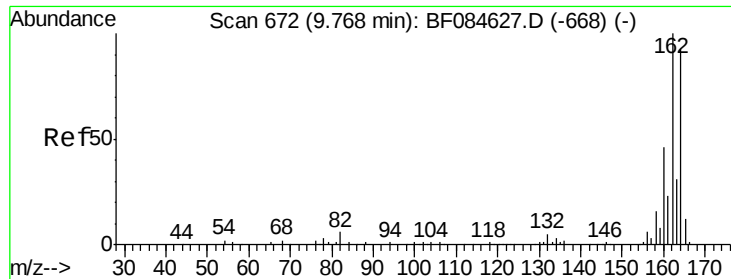


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084656.D

Acq: 30 Jan 2016 1:00

Instrument :

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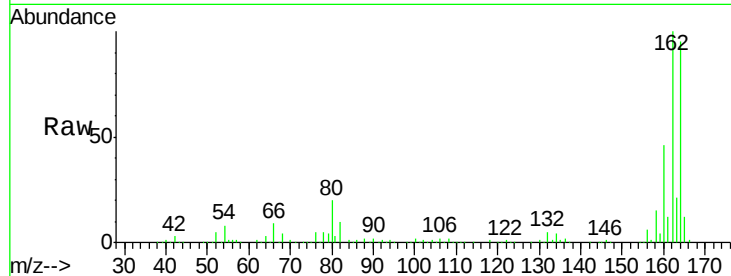
Tgt Ion:164 Resp: 334154

Ion Ratio Lower Upper

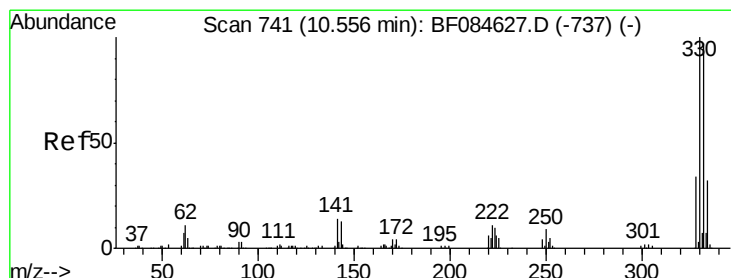
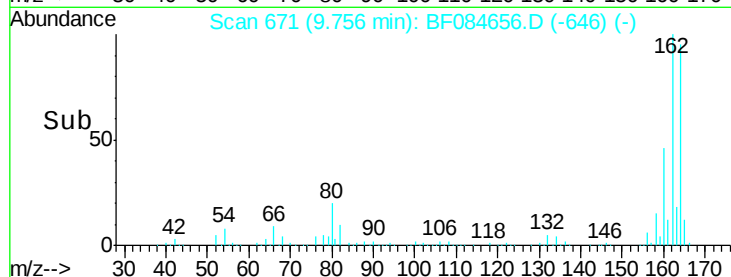
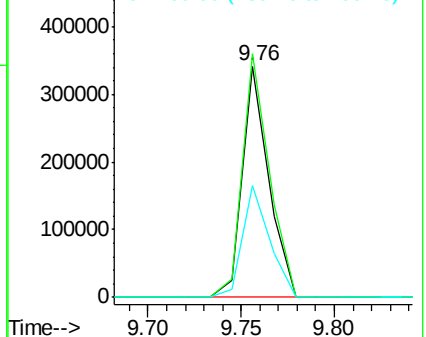
164 100

162 105.3 85.1 127.7

160 48.1 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: 157.99 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

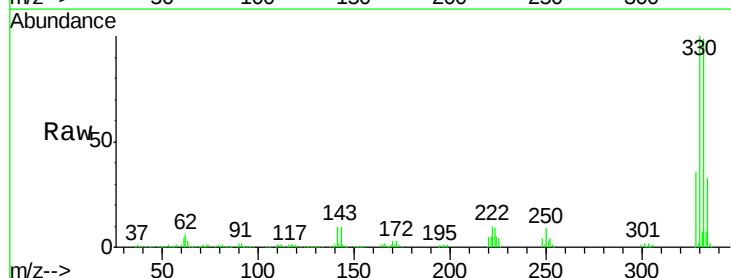
Tgt Ion:330 Resp: 553304

Ion Ratio Lower Upper

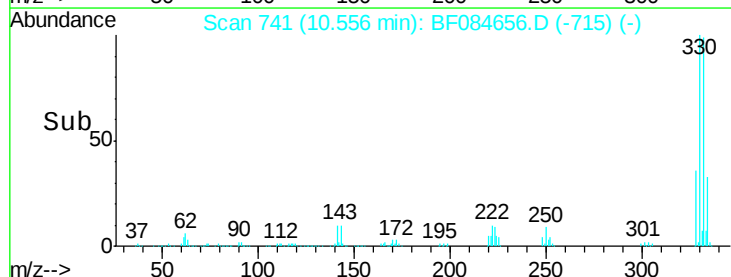
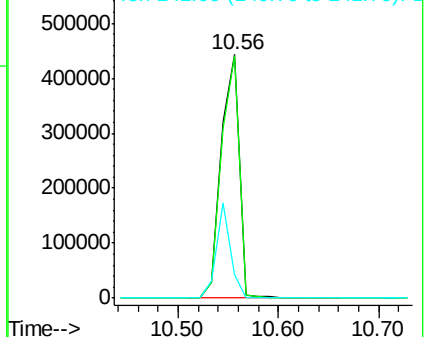
330 100

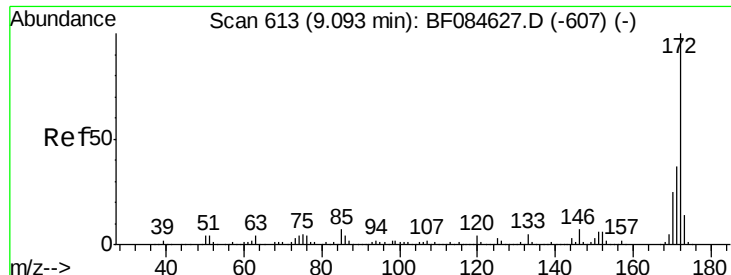
332 98.4 76.6 114.8

141 31.2 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

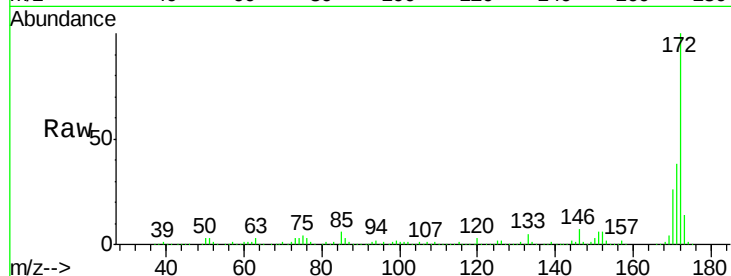




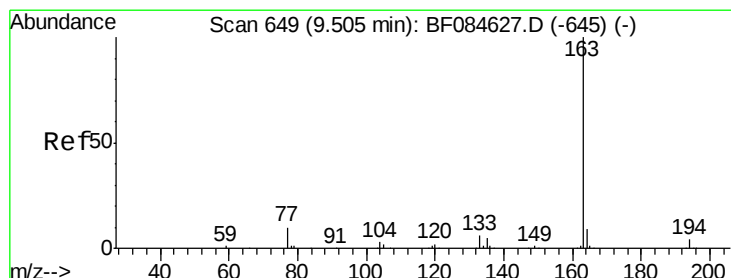
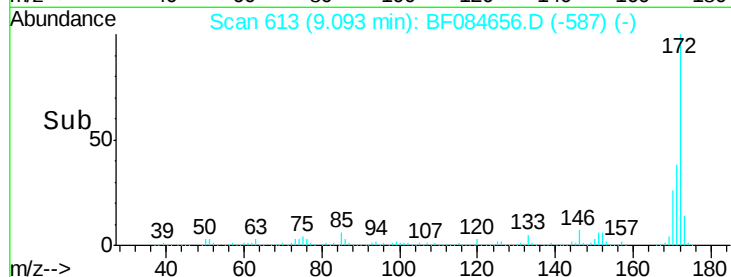
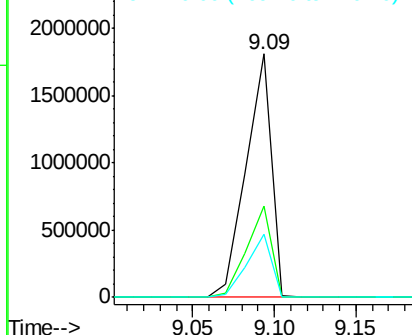
#44
2-Fluorobiphenyl
Concen: 87.04 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

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Tgt Ion:172 Resp: 1956811
Ion Ratio Lower Upper
172 100
171 37.7 28.9 43.3
170 25.8 18.6 27.8

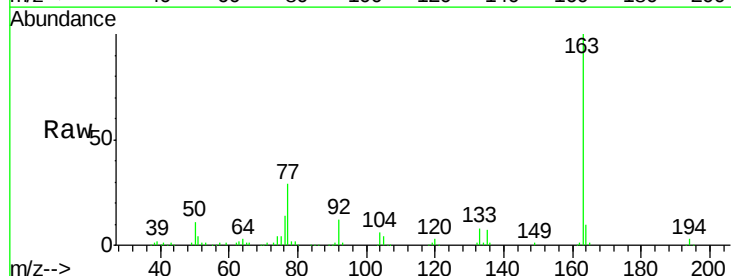


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

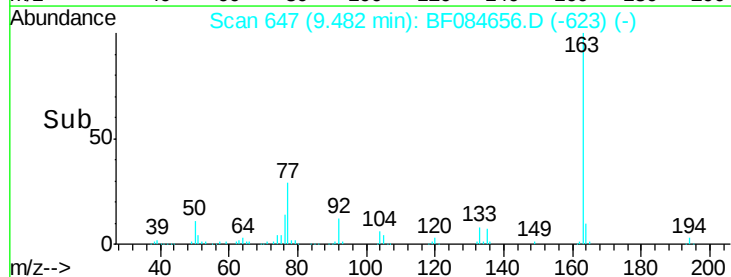
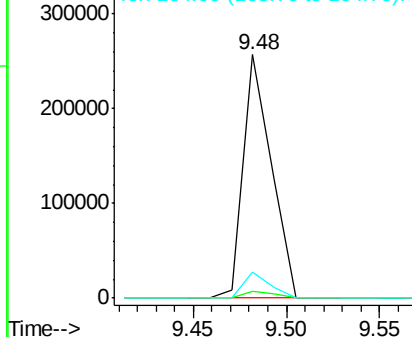


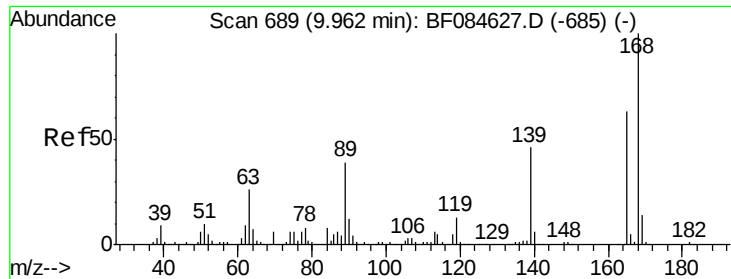
#49
Dimethylphthalate
Concen: 10.69 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

Tgt Ion:163 Resp: 267986
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.4 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

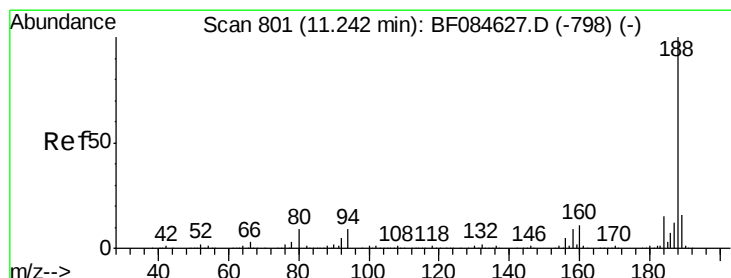
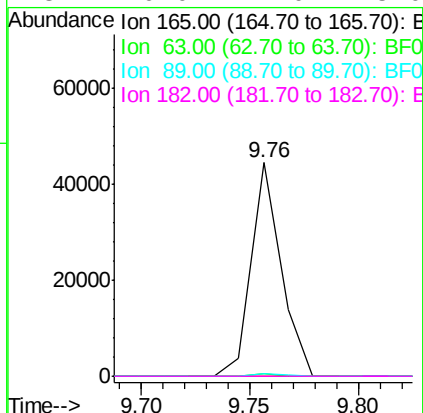
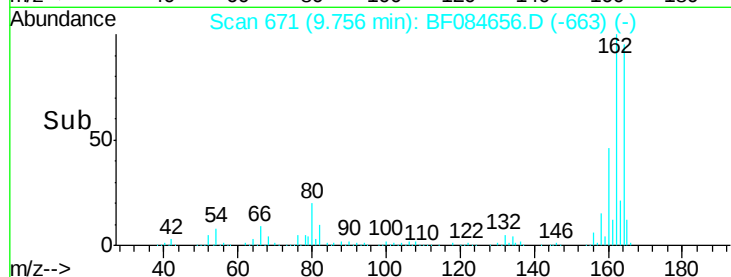
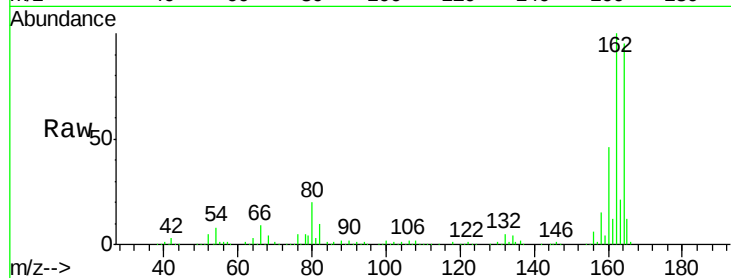




#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

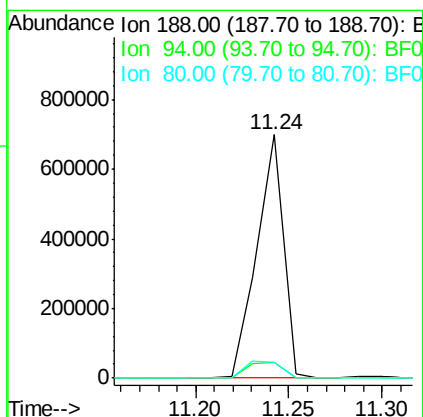
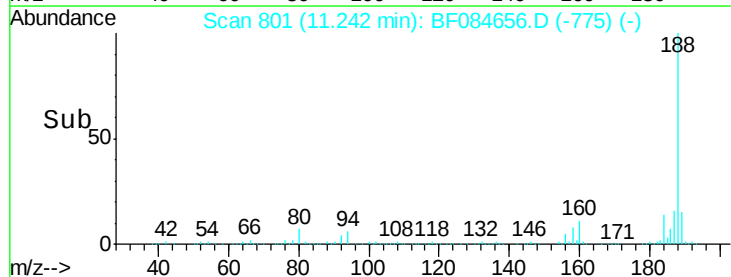
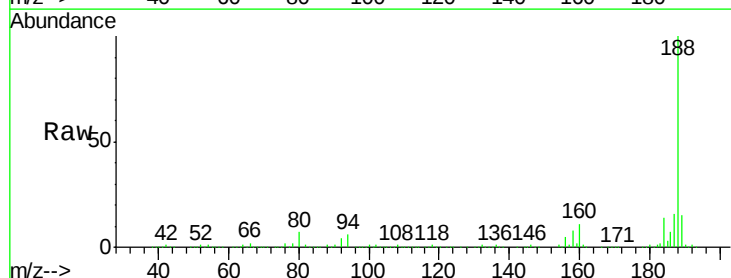
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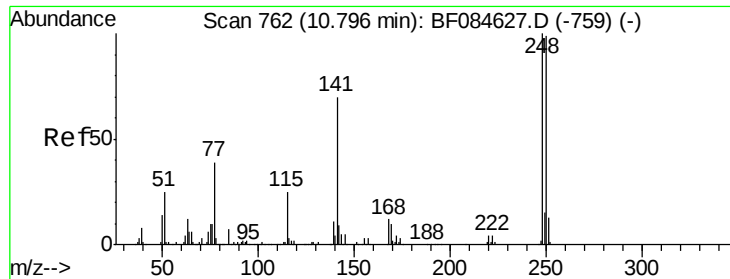
Tgt Ion:165 Resp: 42673
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084656.D
Acq: 30 Jan 2016 1:00

Tgt Ion:188 Resp: 689033
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.4#
80 6.6 9.6 14.4#





#66

4-Bromophenyl-phenylether

Concen: 4.13 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-UST-16

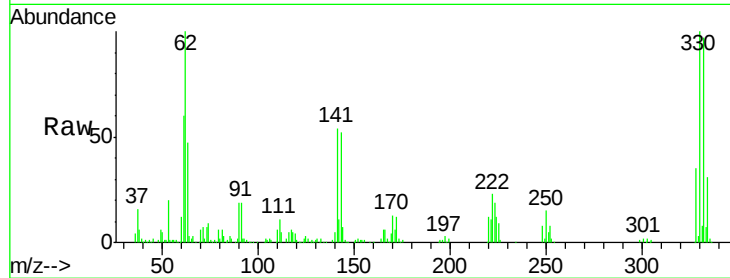
Tgt Ion:248 Resp: 32072

Ion Ratio Lower Upper

248 100

250 200.2 78.4 117.6#

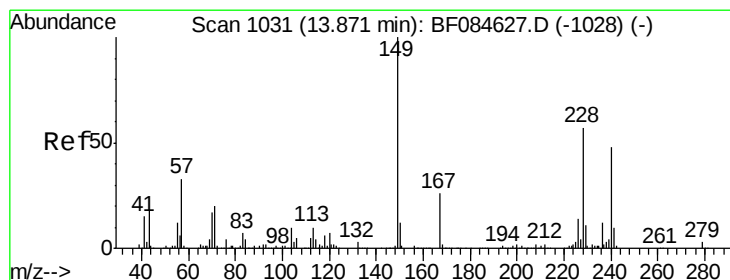
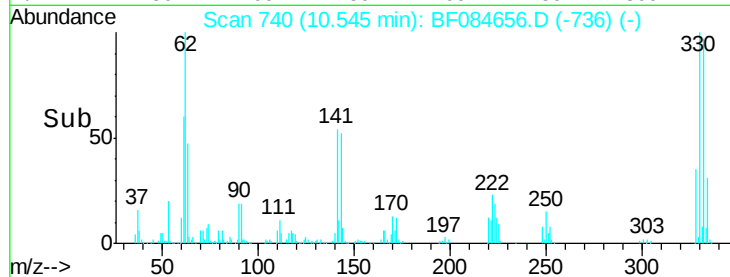
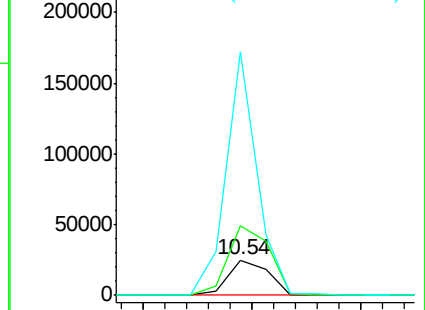
141 696.4 44.0 66.0#



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: BF084656.D

Acq: 30 Jan 2016 1:00

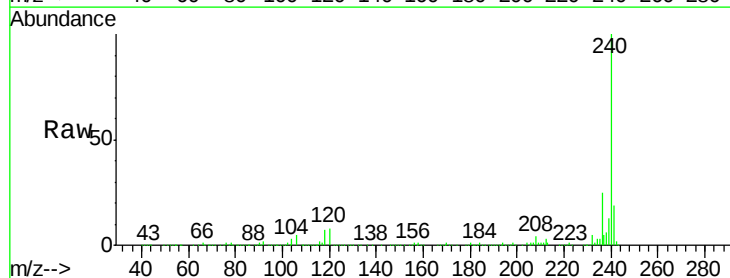
Tgt Ion:240 Resp: 629584

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

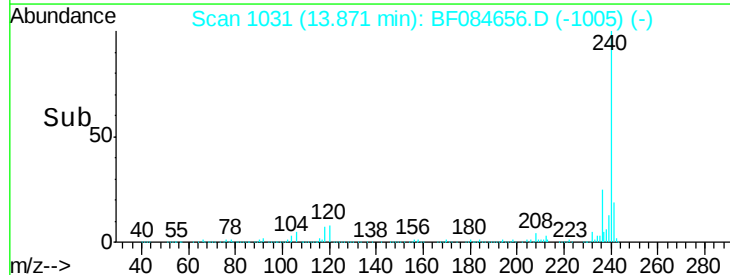
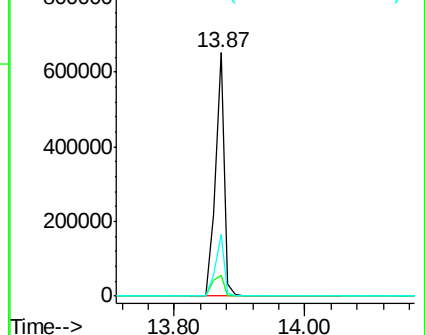
236 25.1 20.6 31.0

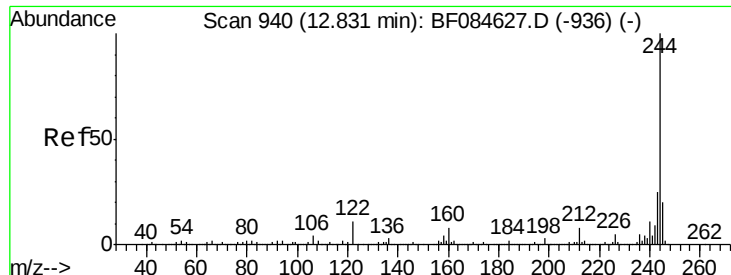


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.18 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

Instrument :

BNA_F

ClientSampleId :

NORTHWALL-UST-16

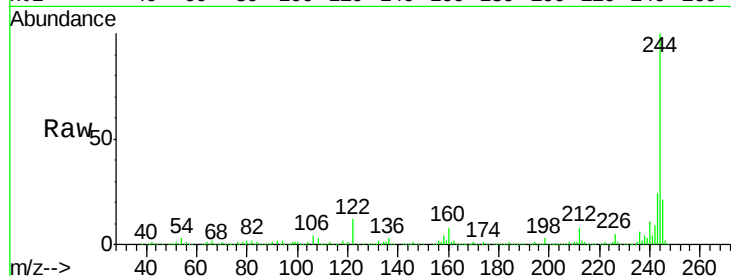
Tgt Ion:244 Resp: 1900651

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

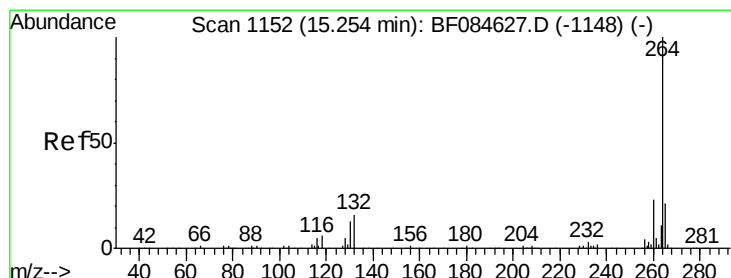
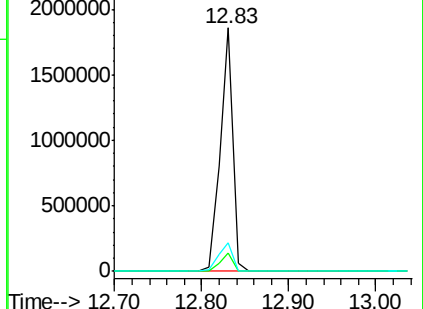
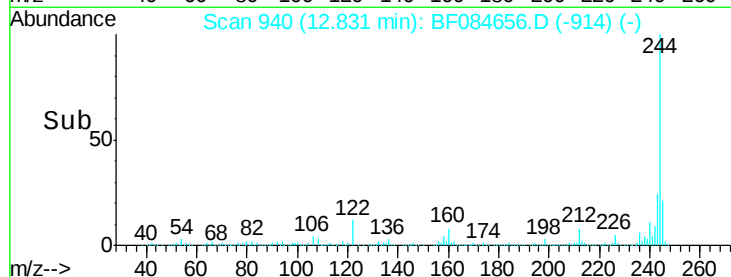
122 11.8 7.4 11.0#



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084656.D

Acq: 30 Jan 2016 1:00

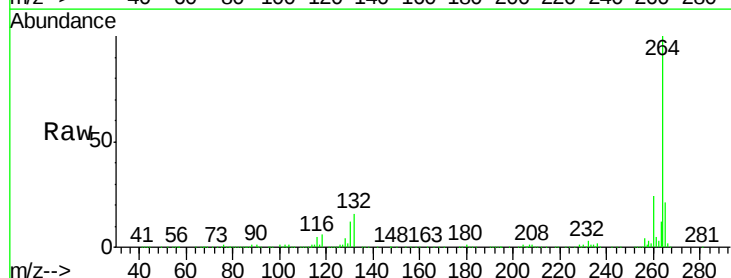
Tgt Ion:264 Resp: 460933

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 17.8 26.6



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

