

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084347.D
 Acq On : 9 Jan 2016 1:53
 Operator : SJ/UM
 Sample : H1036-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Quant Time: Jan 09 02:26:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

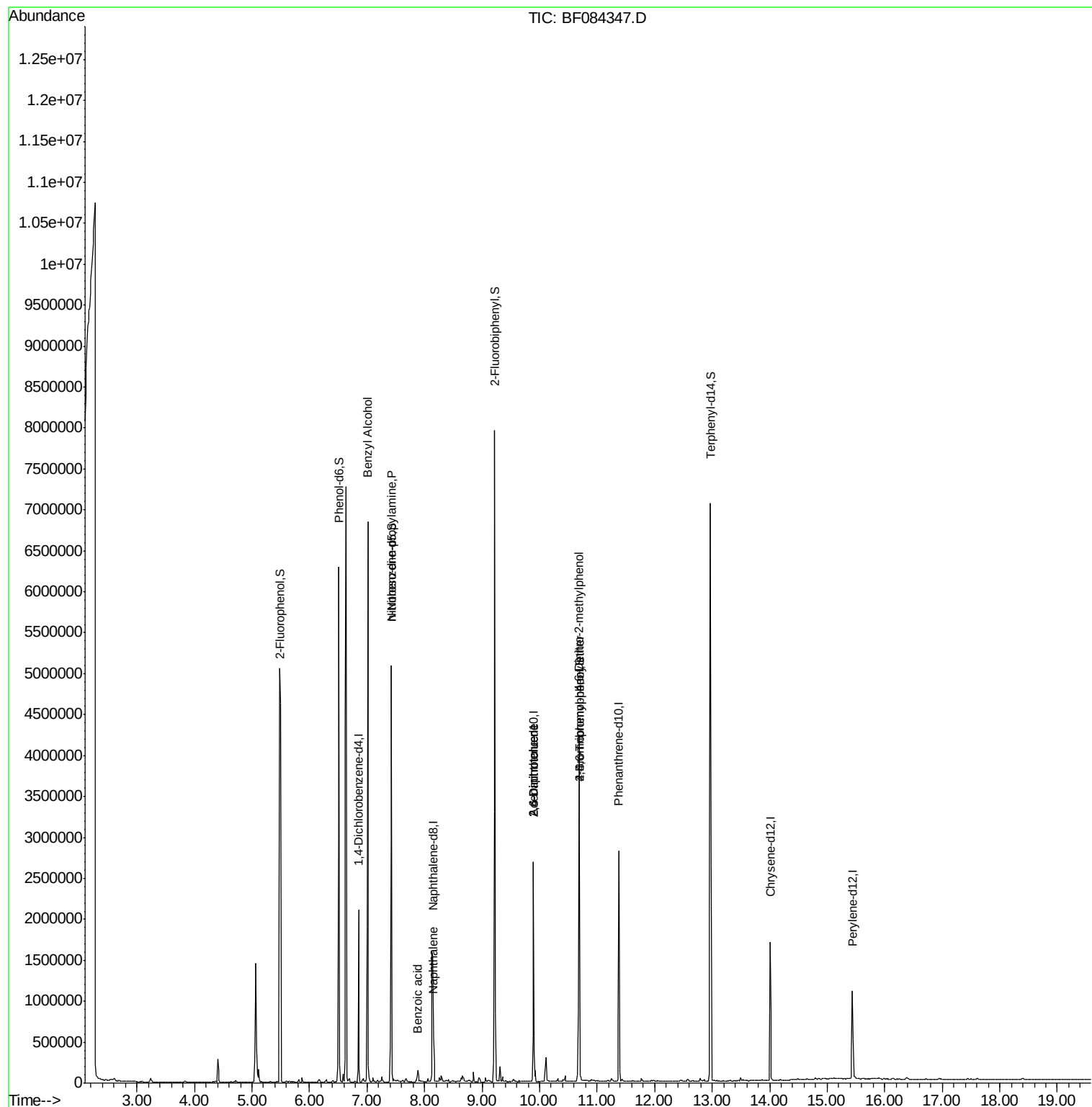
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	260796	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1085416	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	520912	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	982370	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	673501	20.00	ng	-0.06
86) Perylene-d12	15.44	264	505765	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1975450	122.52	ng	0.00
7) Phenol-d6	6.51	99	2127059	105.04	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1886328	96.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	774863	147.34	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2643720	89.62	ng	-0.05
78) Terphenyl-d14	12.97	244	2608008	86.44	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.01	79	38110	2.24	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	275444	20.09	ng	# 73
31) Naphthalene	8.16	128	261697	5.31	ng	98
32) Benzoic acid	7.87	122	7848	6.83	ng	90
50) 2,6-Dinitrotoluene	9.89	165	68589	8.40	ng	# 38
54) Dibenzofuran	10.10	168	21174	Below Cal		100
56) 2,4-Dinitrotoluene	9.89	165	68591	6.64	ng	# 22
57) Fluorene	10.44	166	20629	Below Cal		# 98
64) 4,6-Dinitro-2-methylphenol	10.68	198	1675	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	47896	4.53	ng	# 1
73) Di-n-butylphthalate	11.94	149	8255	Below Cal		# 84

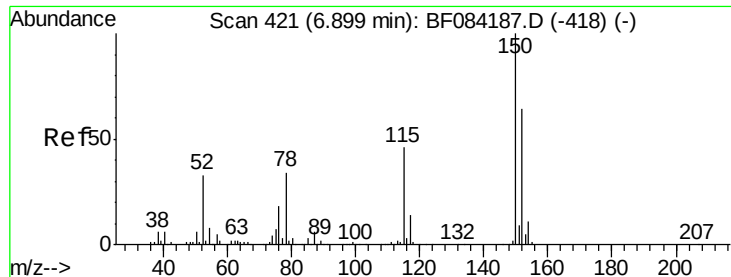
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 09 02:26:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampled :

WC-DRUM2

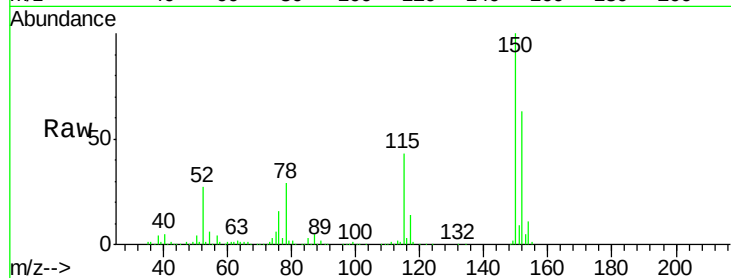
Tgt Ion:152 Resp: 260796

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

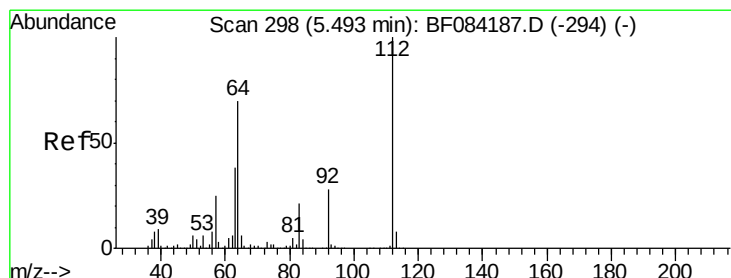
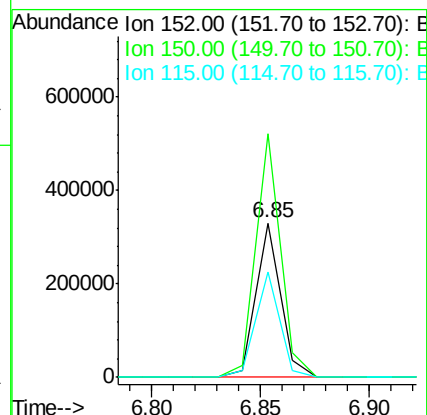
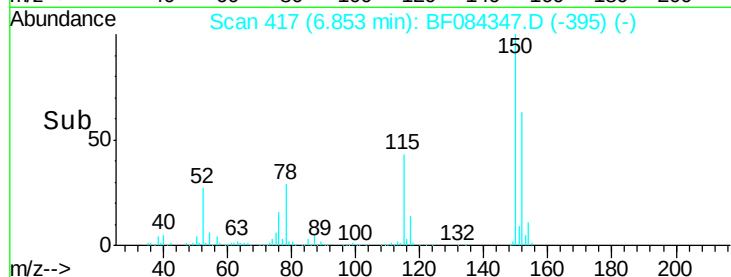
115 68.7 51.4 77.2



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: 122.52 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

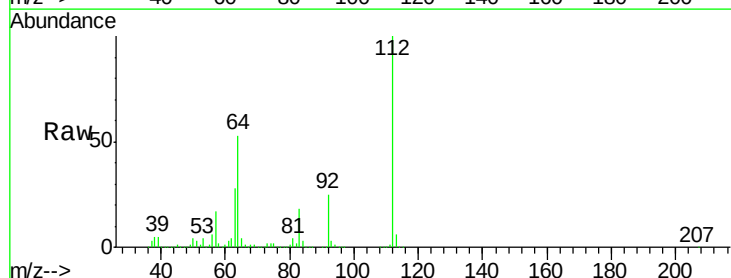
Tgt Ion:112 Resp: 1975450

Ion Ratio Lower Upper

112 100

64 53.0 36.6 55.0

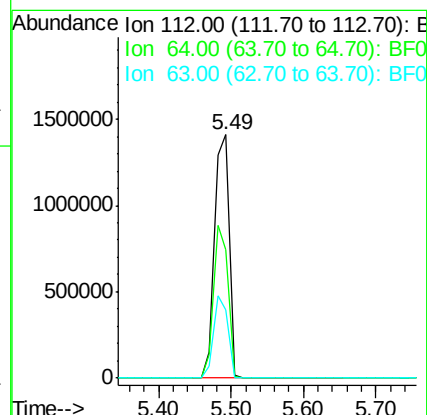
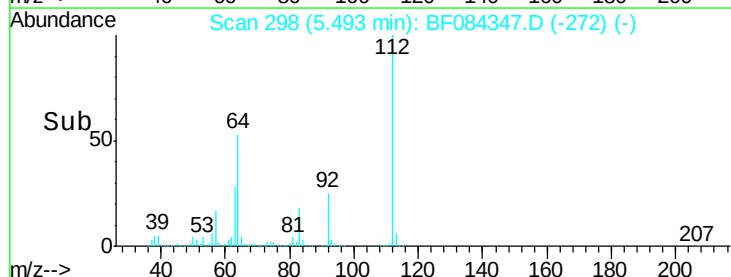
63 28.1 19.4 29.0

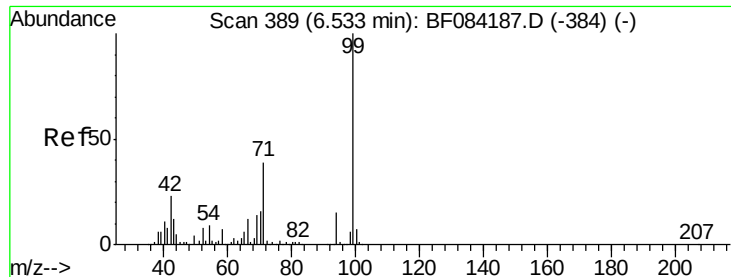


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.04 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampleId :

WC-DRUM2

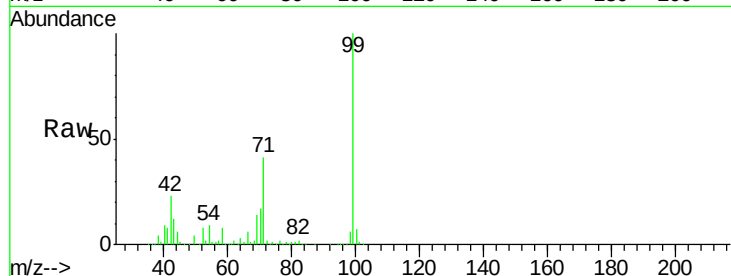
Tgt Ion: 99 Resp: 2127059

Ion Ratio Lower Upper

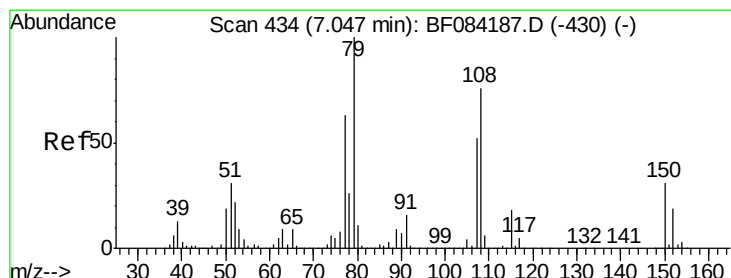
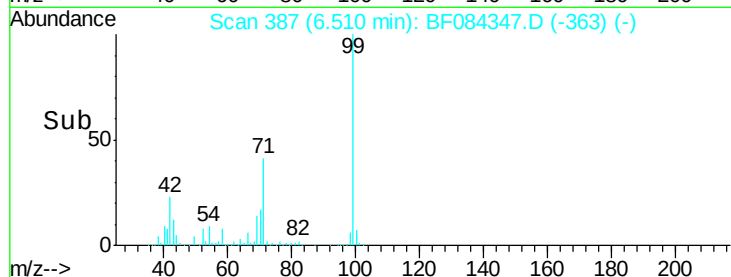
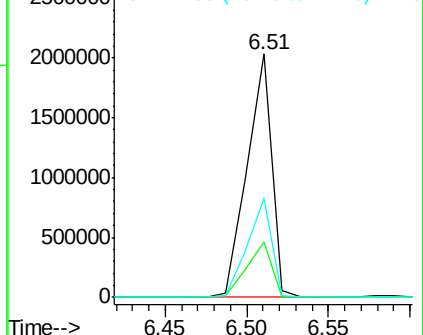
99 100

42 22.7 12.8 19.2#

71 40.7 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: 2.24 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

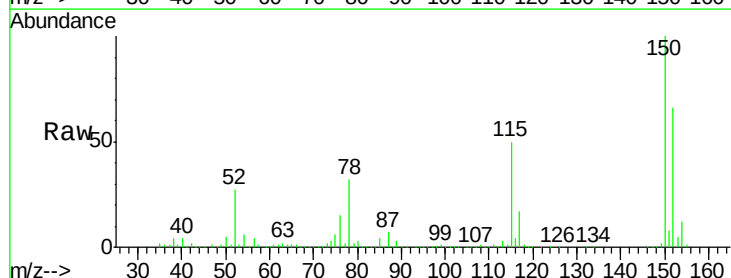
Tgt Ion: 79 Resp: 38110

Ion Ratio Lower Upper

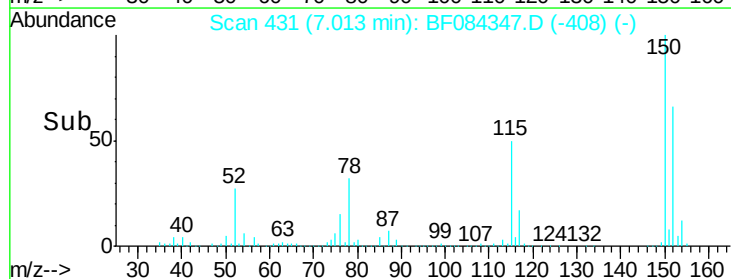
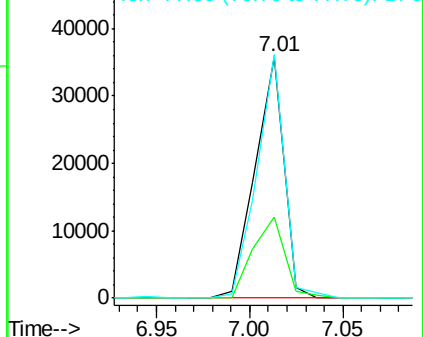
79 100

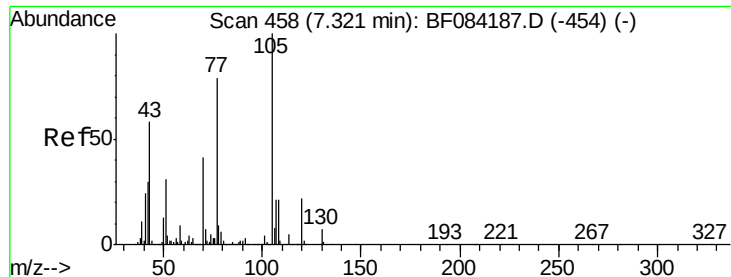
108 33.6 69.0 103.4#

77 100.9 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

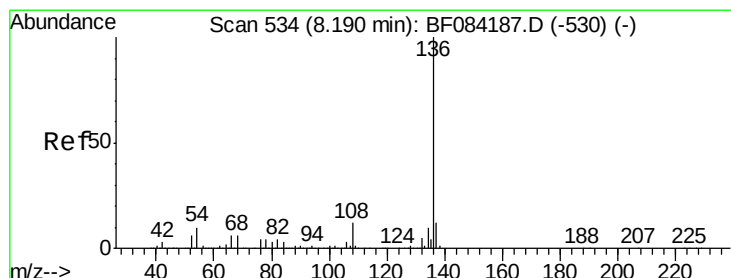
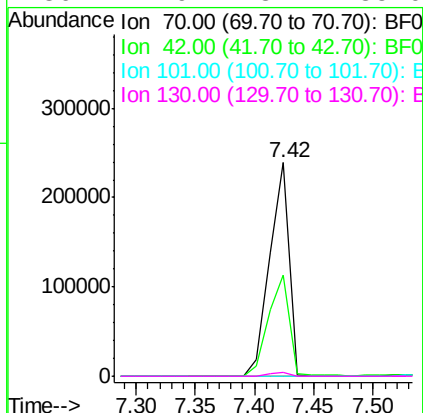
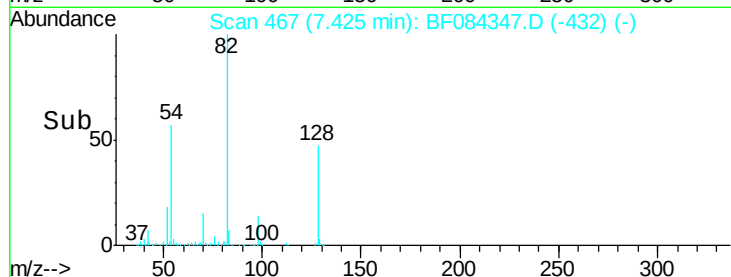
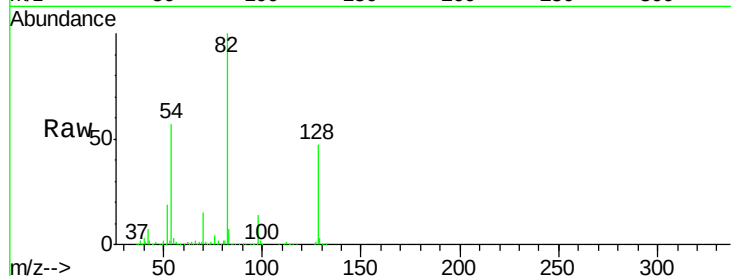




#19
n-Nitroso-di-n-propylamine
Concen: 20.09 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

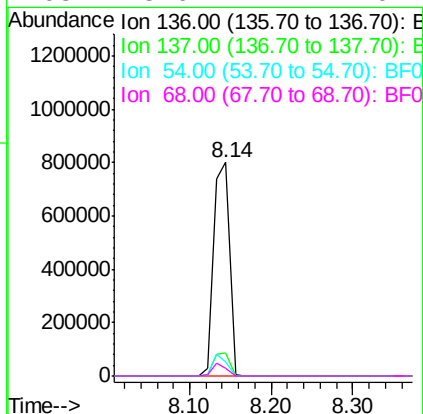
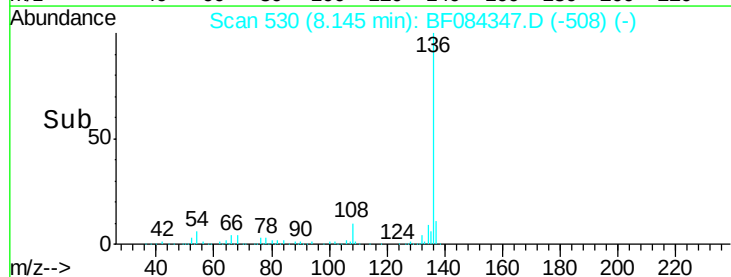
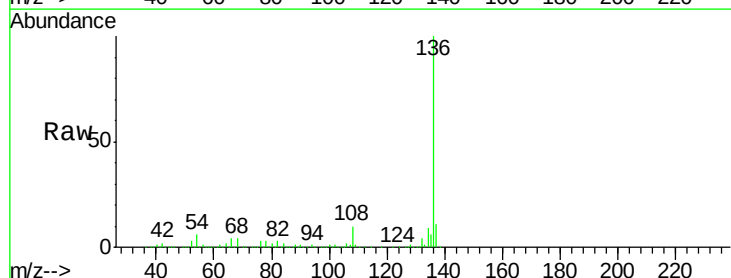
Instrument :
BNA_F
ClientSampleId :
WC-DRUM2

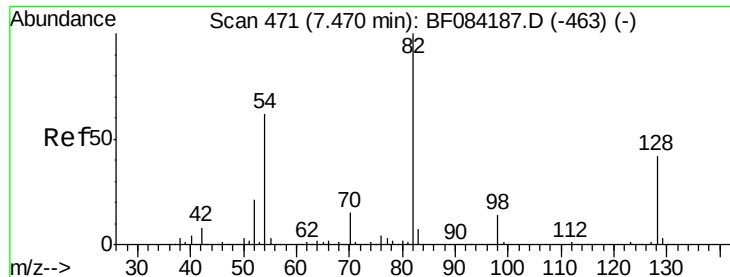
Tgt Ion: 70 Resp: 275444
Ion Ratio Lower Upper
70 100
42 47.6 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Tgt Ion: 136 Resp: 1085416
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.3 5.8 8.8
68 3.6 4.2 6.2#

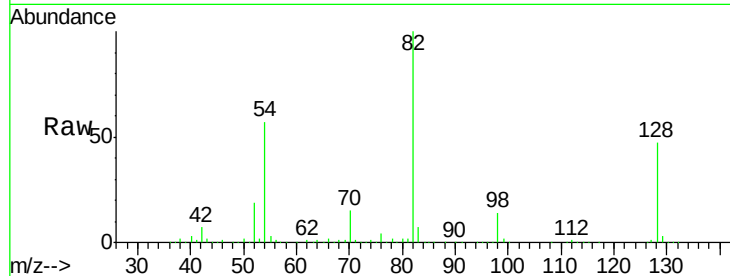




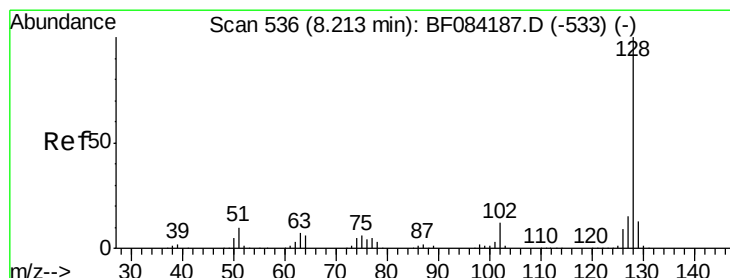
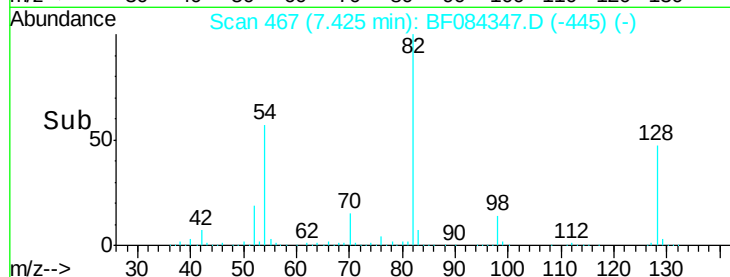
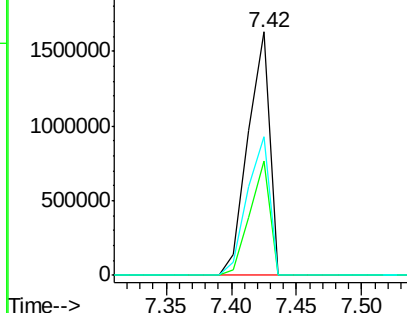
#23
 Nitrobenzene-d5
 Concen: 96.72 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Tgt Ion: 82 Resp: 1886328
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.6 51.8
 54 56.8 38.4 57.6

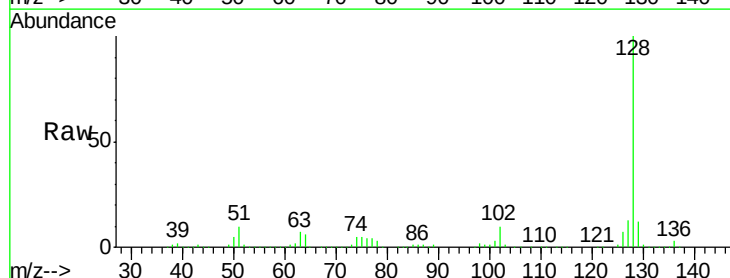


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

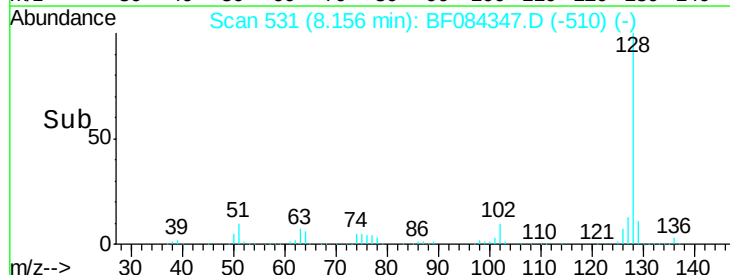
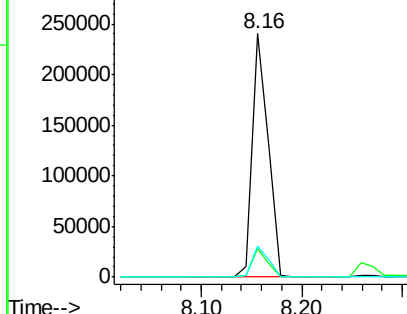


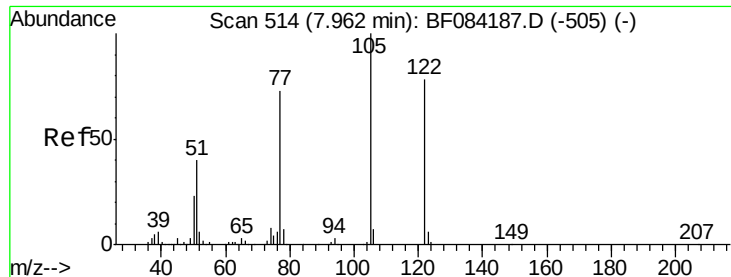
#31
 Naphthalene
 Concen: 5.31 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.06 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion: 128 Resp: 261697
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.1 13.7
 127 12.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

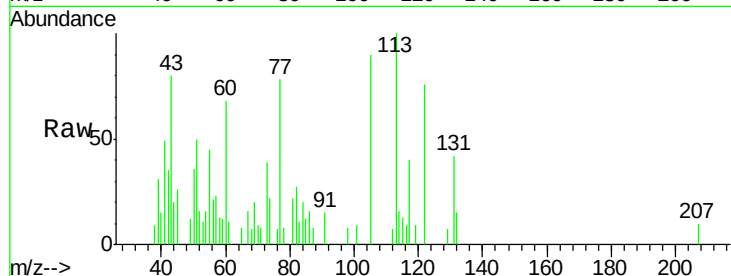




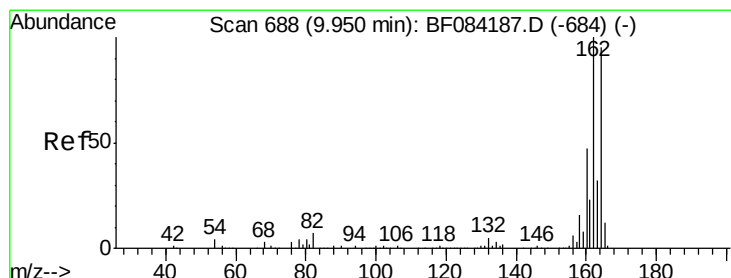
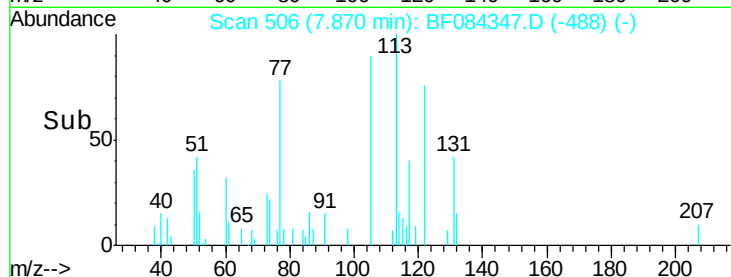
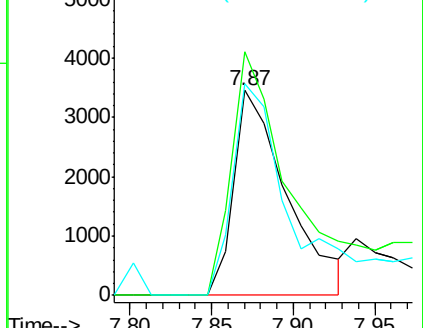
#32
Benzoic acid
Concen: 6.83 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Instrument :
BNA_F
ClientSampleId :
WC-DRUM2

Tgt Ion:122 Resp: 7848
Ion Ratio Lower Upper
122 100
105 118.7 100.3 140.3
77 103.0 63.5 103.5

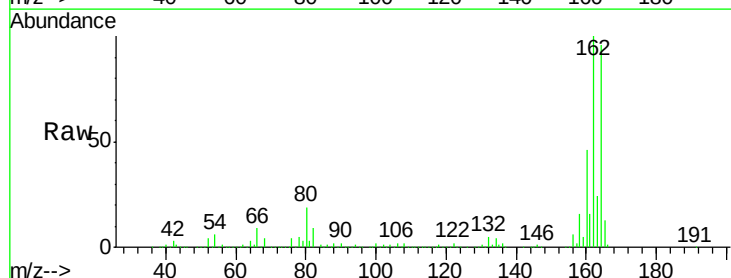


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

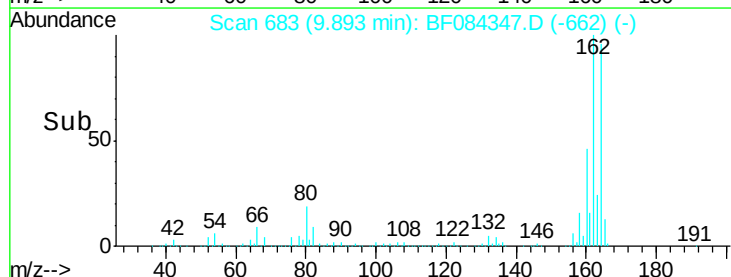
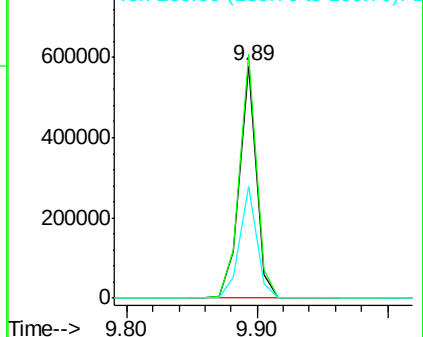


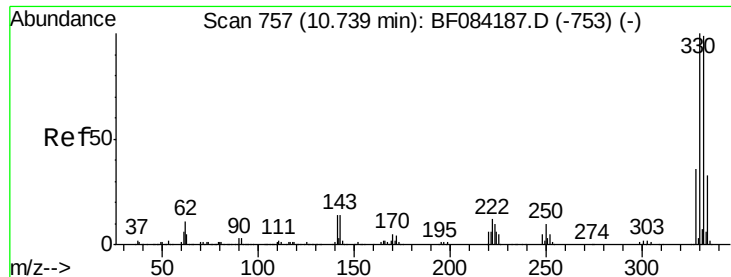
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Tgt Ion:164 Resp: 520912
Ion Ratio Lower Upper
164 100
162 104.6 85.1 127.7
160 48.3 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

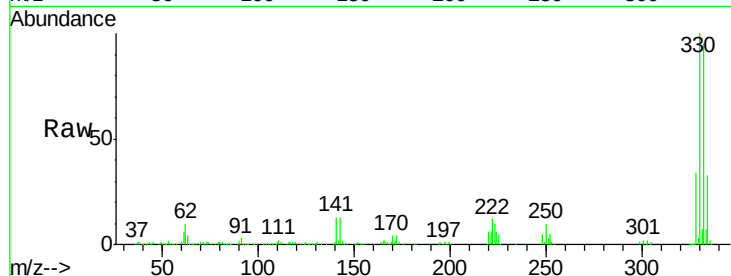




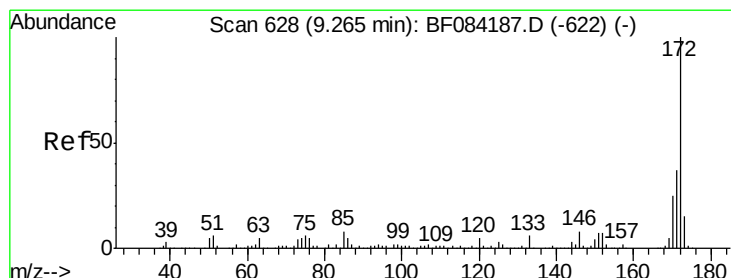
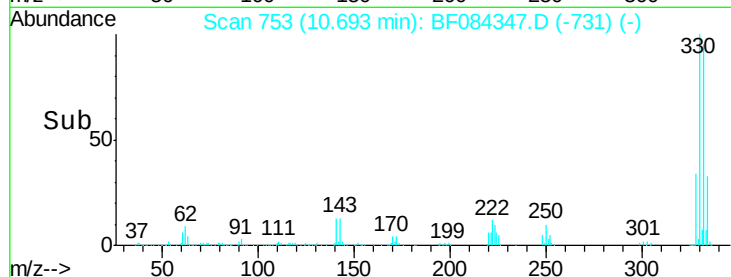
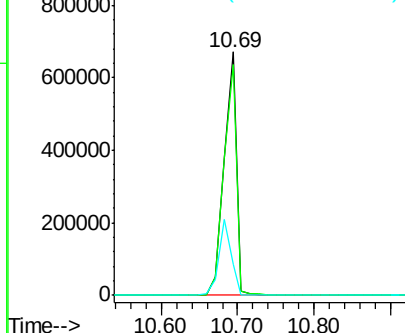
#41
 2,4,6-Tribromophenol
 Concen: 147.34 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Tgt Ion:330 Resp: 774863
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 31.4 27.8 41.6

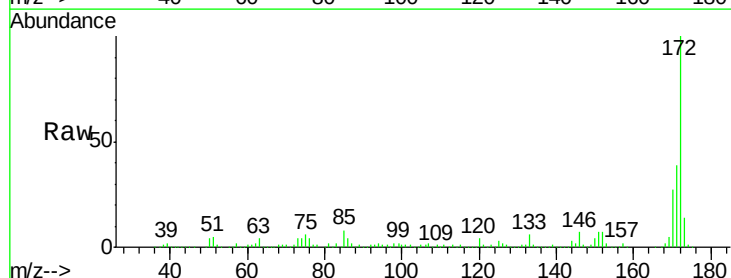


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

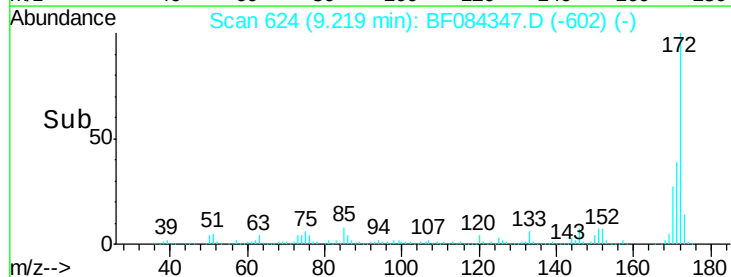
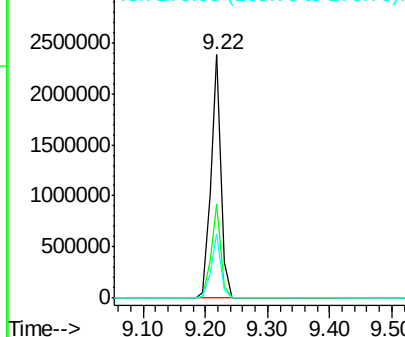


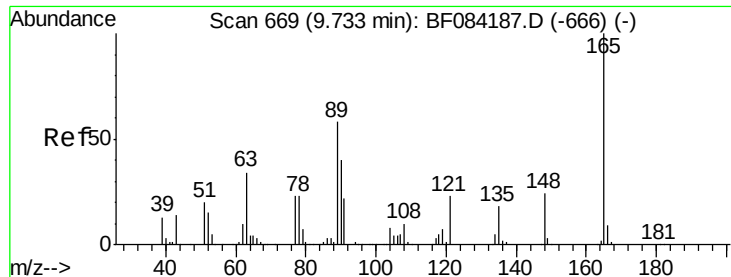
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion:172 Resp: 2643720
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.6 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

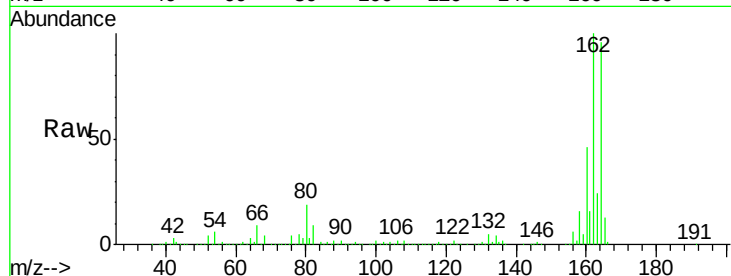




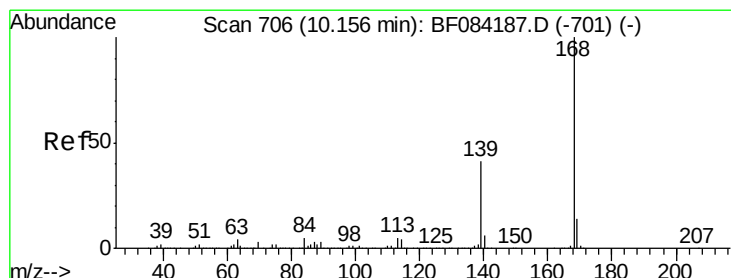
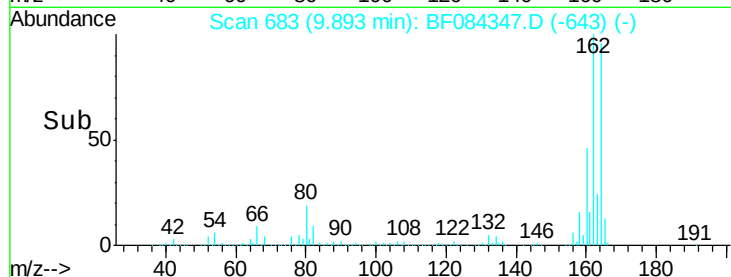
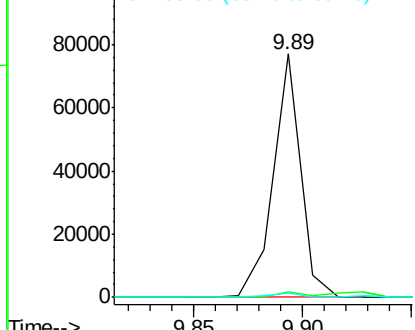
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Instrument :
BNA_F
ClientSampleId :
WC-DRUM2

Tgt Ion:165 Resp: 68589
Ion Ratio Lower Upper
165 100
63 2.1 28.8 43.2#
89 1.8 35.1 52.7#

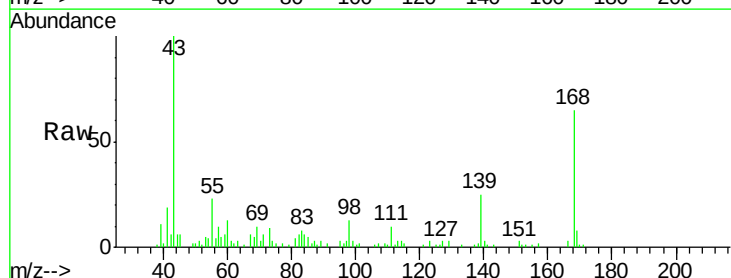


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

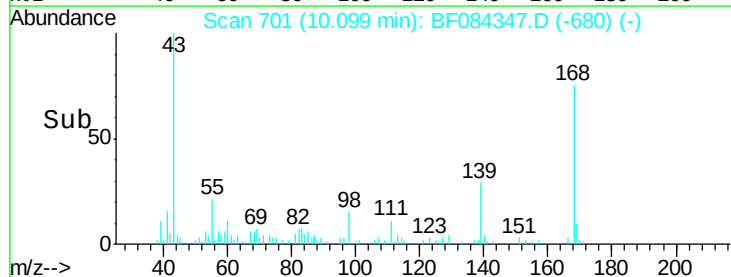
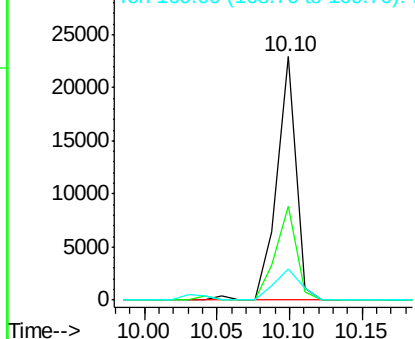


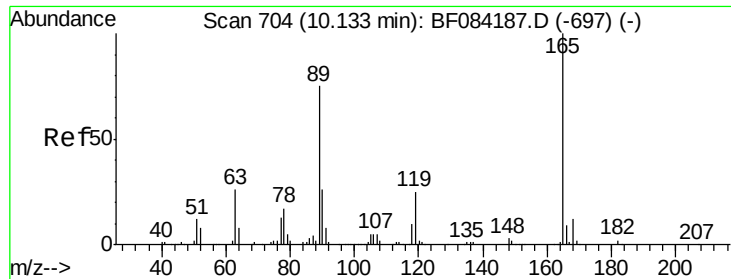
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084347.D
Acq: 9 Jan 2016 1:53

Tgt Ion:168 Resp: 21174
Ion Ratio Lower Upper
168 100
139 38.4 30.5 45.7
169 13.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

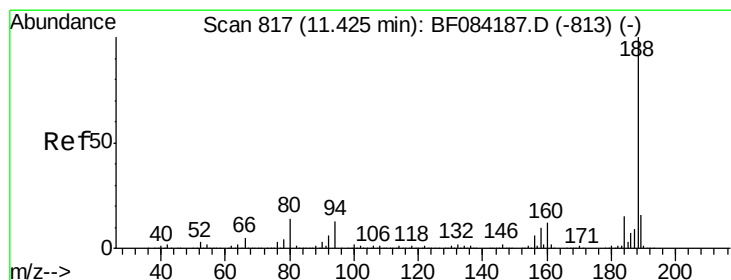
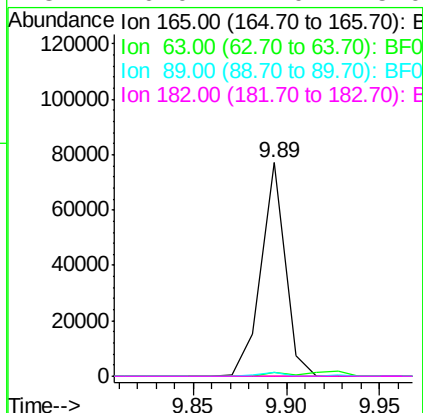
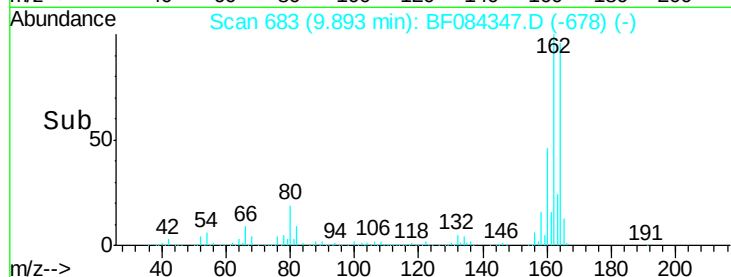
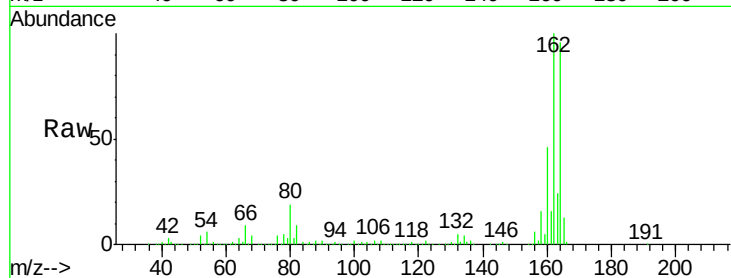




#56
 2,4-Dinitrotoluene
 Concen: 6.64 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

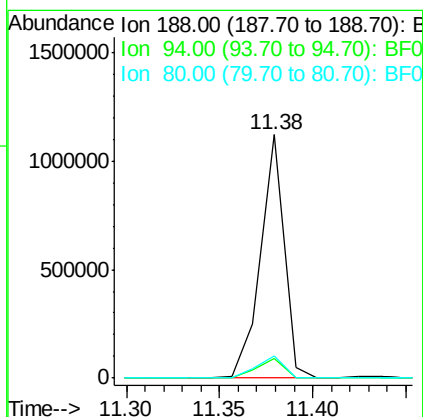
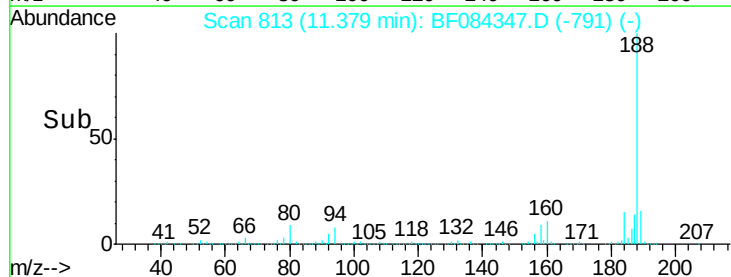
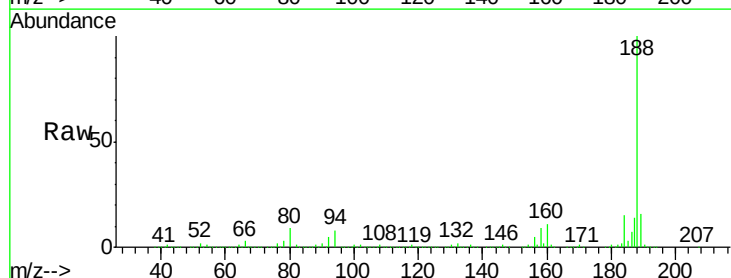
Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

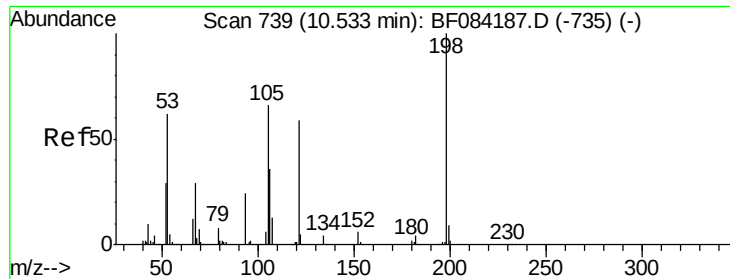
Tgt Ion:	165	Resp:	68591
Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion:	188	Resp:	982370
Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	9.1	9.6	14.4#

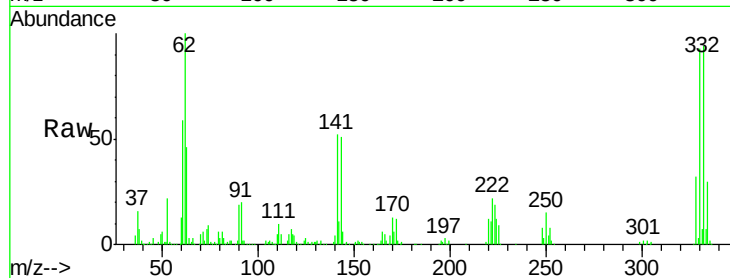




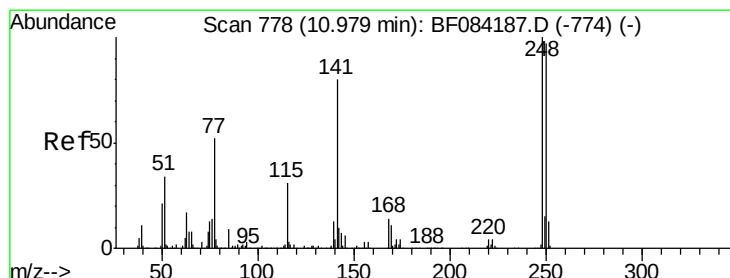
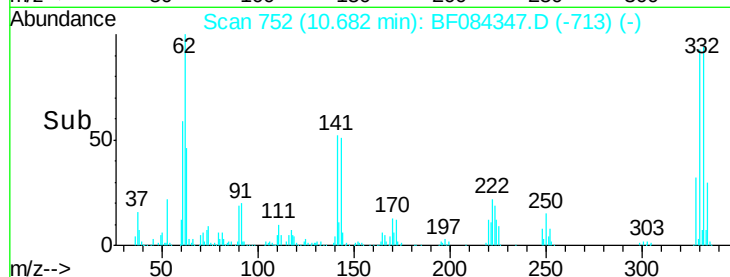
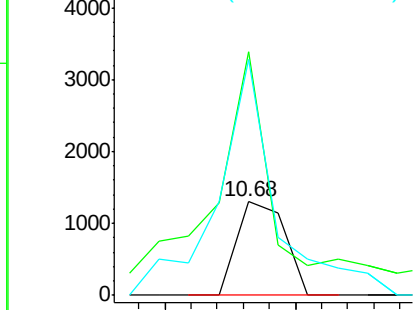
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.63 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM2

Tgt Ion:198 Resp: 1675
 Ion Ratio Lower Upper
 198 100
 51 260.5 18.9 58.9#
 105 252.7 26.4 66.4#

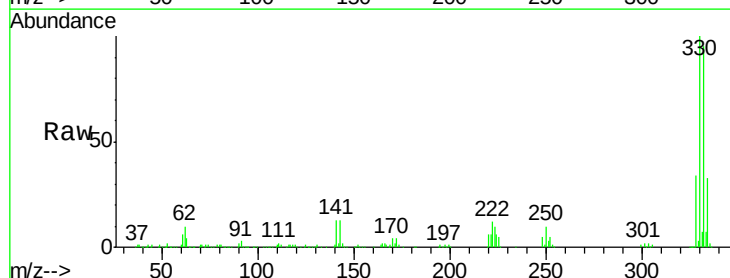


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

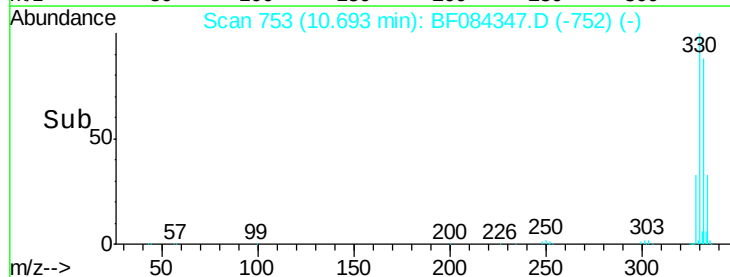
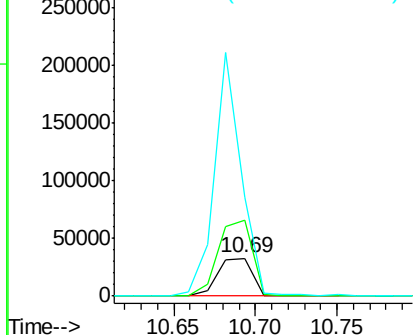


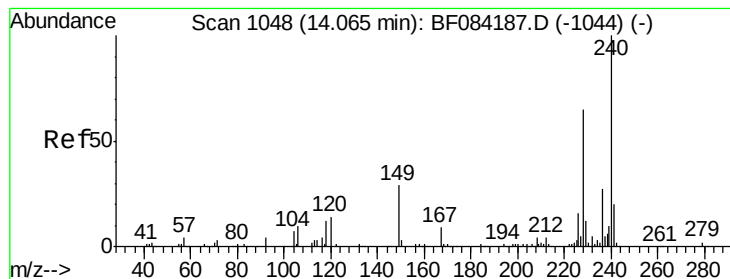
#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084347.D
 Acq: 9 Jan 2016 1:53

Tgt Ion:248 Resp: 47896
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.4 117.6#
 141 259.5 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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampleId :

WC-DRUM2

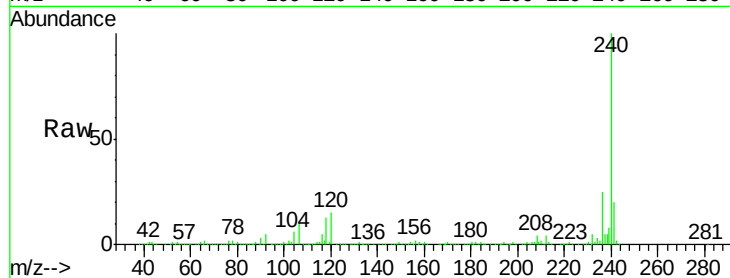
Tgt Ion:240 Resp: 673501

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

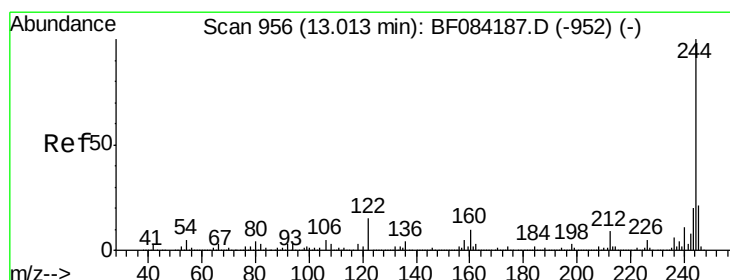
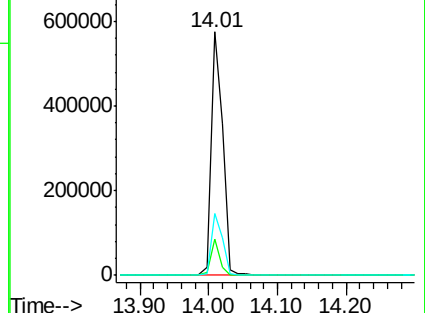
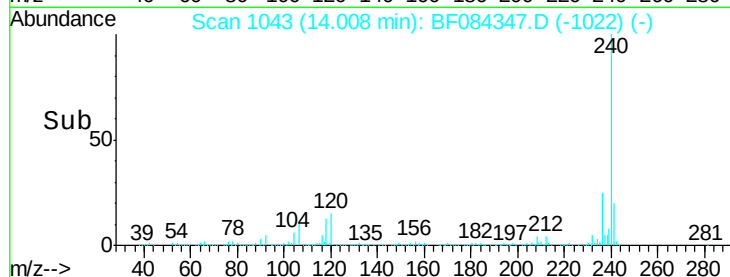
236 25.4 20.6 31.0



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: 86.44 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084347.D

Acq: 9 Jan 2016 1:53

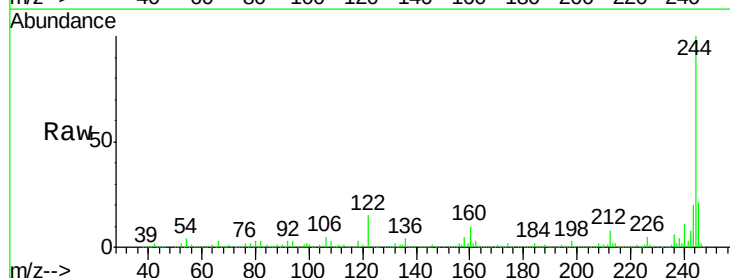
Tgt Ion:244 Resp: 2608008

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

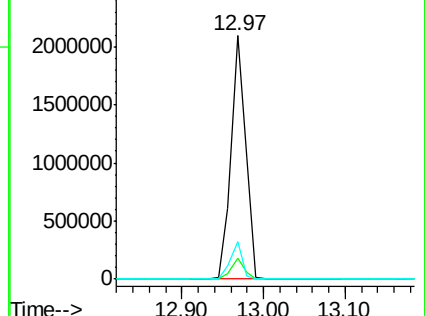
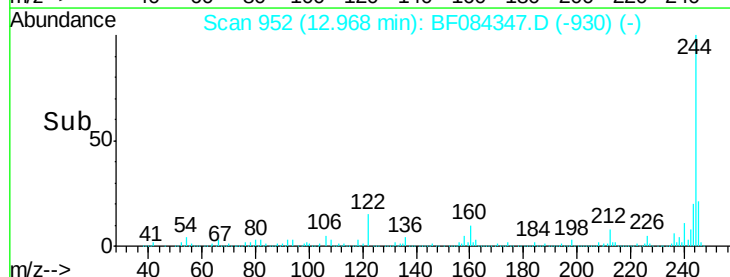
122 15.2 7.4 11.0#

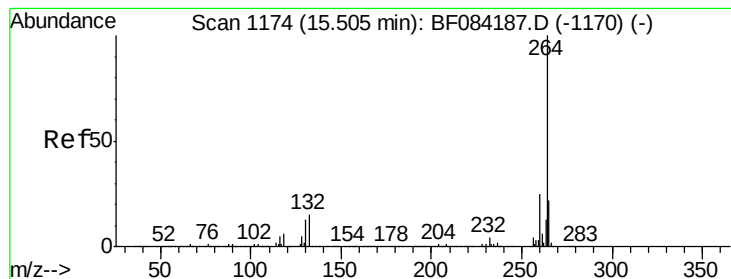


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084347.D

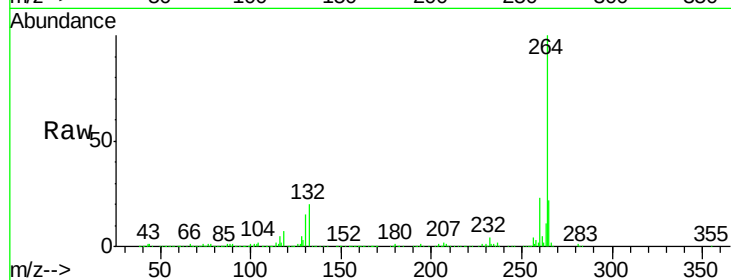
Acq: 9 Jan 2016 1:53

Instrument :

BNA_F

ClientSampleId :

WC-DRUM2



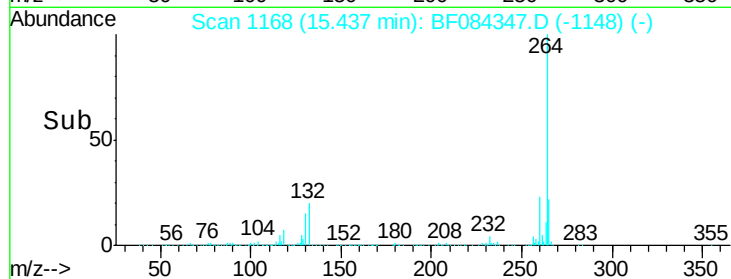
Tgt Ion: 264 Resp: 505765

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.8 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

