

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084348.D
 Acq On : 9 Jan 2016 2:21
 Operator : SJ/UM
 Sample : H1036-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

Quant Time: Jan 09 03:53:34 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

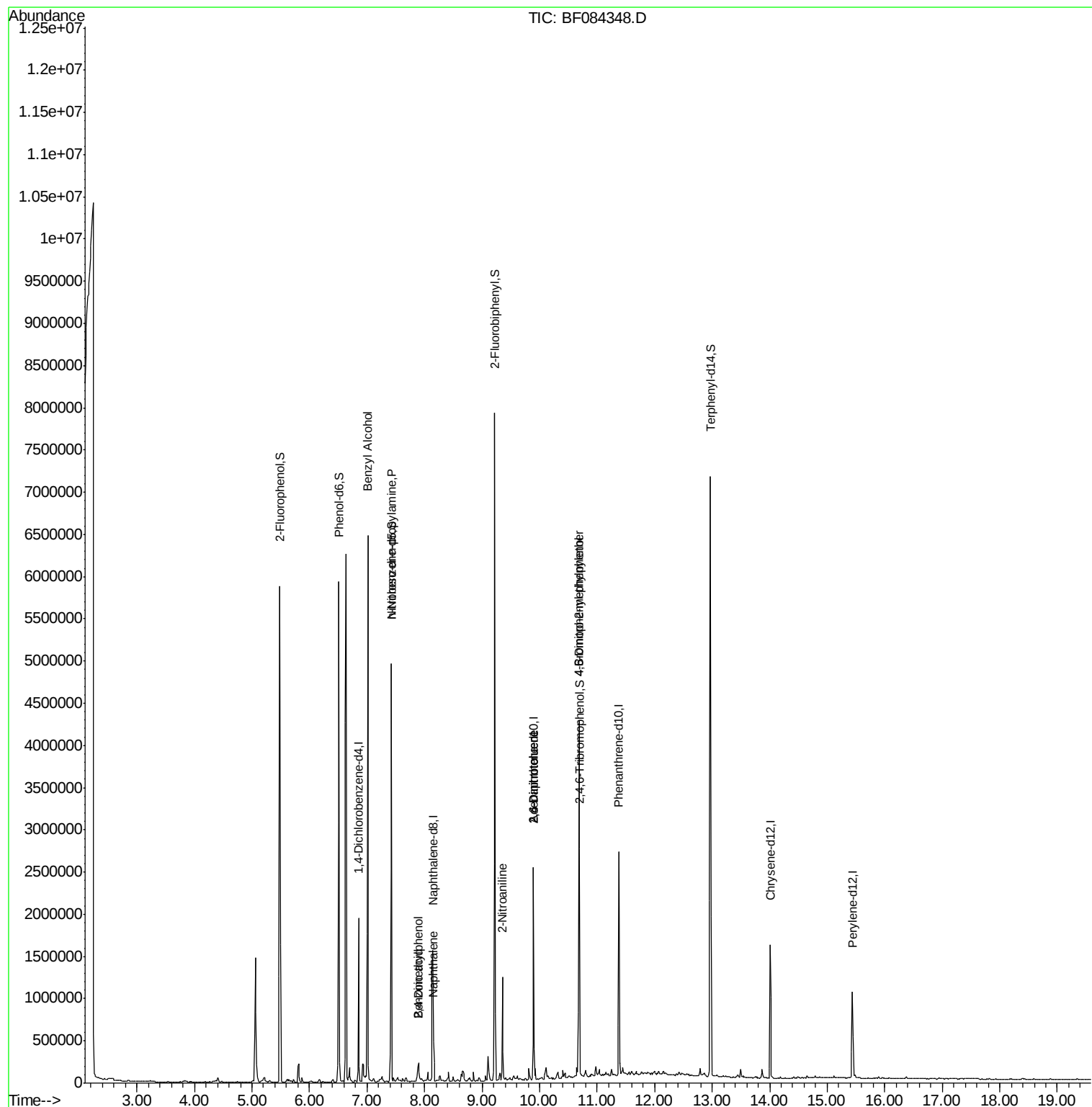
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	238418	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	980421	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	473330	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	909552	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	680212	20.00	ng	-0.06
86) Perylene-d12	15.44	264	490014	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1656525	112.38	ng	-0.01
7) Phenol-d6	6.51	99	2082045	112.47	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1762410	100.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	711661	148.92	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2424959	90.54	ng	-0.05
78) Terphenyl-d14	12.97	244	2443653	80.19	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.01	79	45975	2.95	ng	# 53
19) n-Nitroso-di-n-propylamine	7.42	70	257529	20.55	ng	# 73
27) 2,4-Dimethylphenol	7.89	122	49768	3.02	ng	# 1
31) Naphthalene	8.16	128	224843	5.05	ng	97
32) Benzoic acid	7.89	122	51252	10.46	ng	96
47) 2-Nitroaniline	9.36	65	31401	3.22	ng	# 22
50) 2,6-Dinitrotoluene	9.89	165	63085	8.50	ng	# 38
54) Dibenzofuran	10.10	168	21279	Below Cal		92
56) 2,4-Dinitrotoluene	9.89	165	63087	6.72	ng	# 22
57) Fluorene	10.44	166	21147	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.68	198	1895	6.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	42572	4.35	ng	# 1
73) Di-n-butylphthalate	11.95	149	14706	Below Cal		# 97

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084348.D
Acq On : 9 Jan 2016 2:21
Operator : SJ/UM
Sample : H1036-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Quant Time: Jan 09 03:53:34 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: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

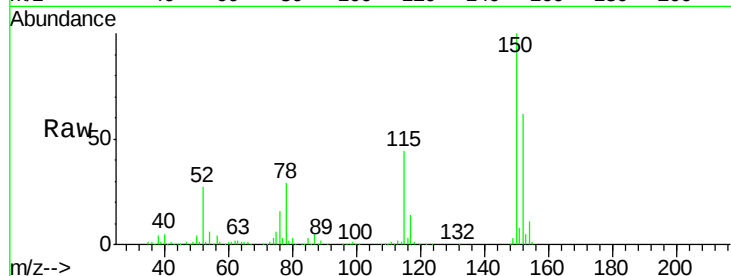
Tgt Ion:152 Resp: 238418

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

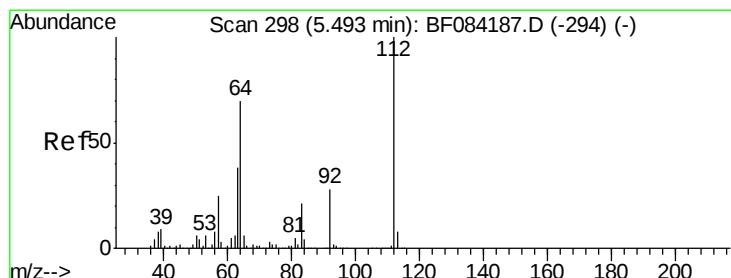
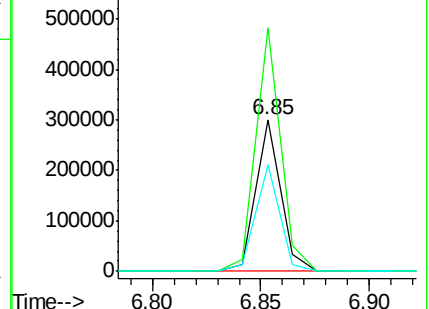
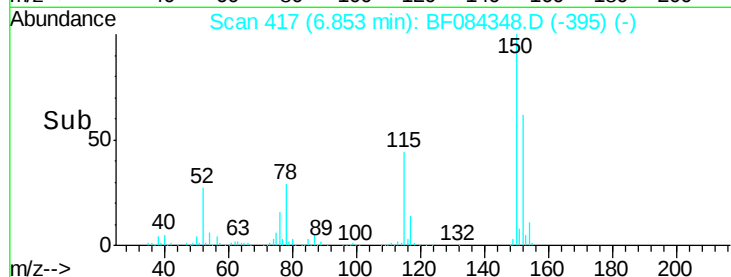
115 70.4 51.4 77.2



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: 112.38 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

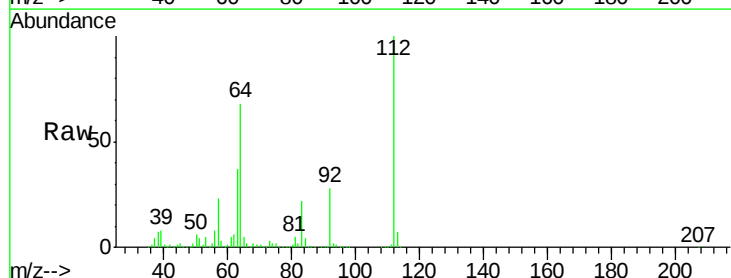
Tgt Ion:112 Resp: 1656525

Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

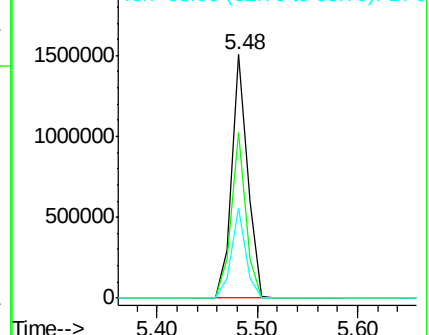
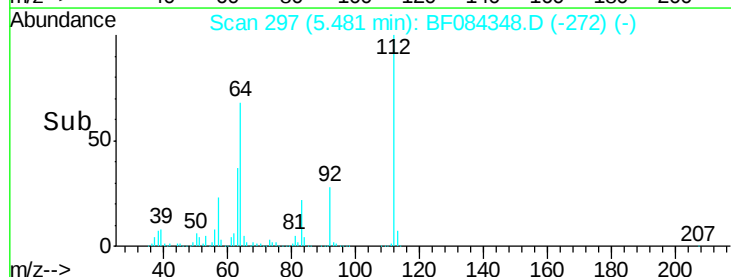
63 36.7 19.4 29.0#

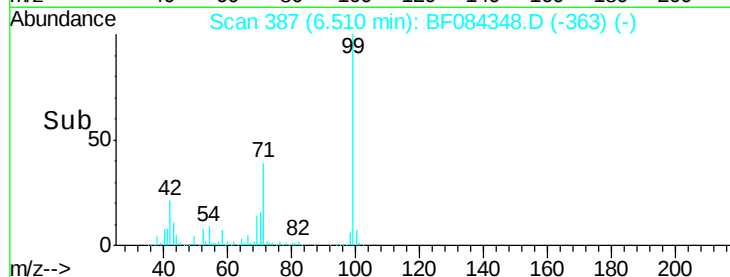
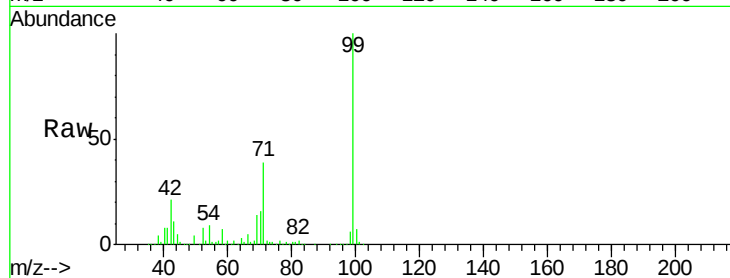
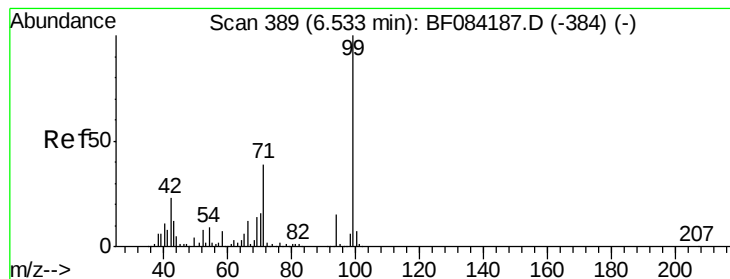


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.47 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

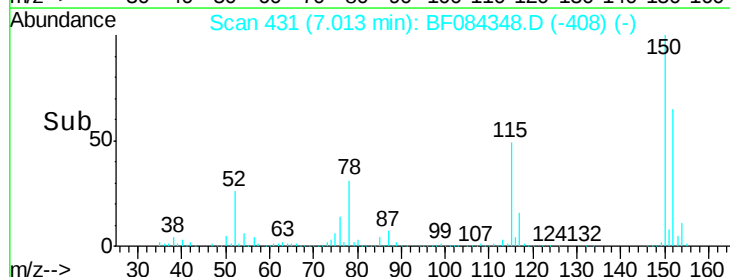
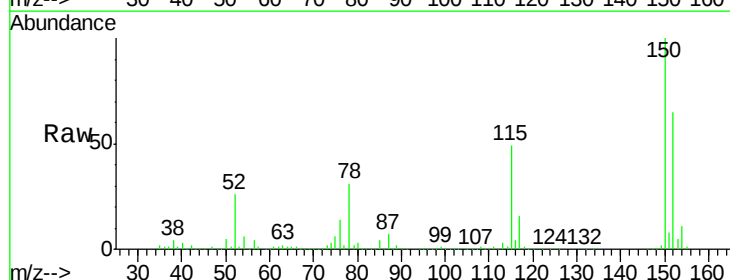
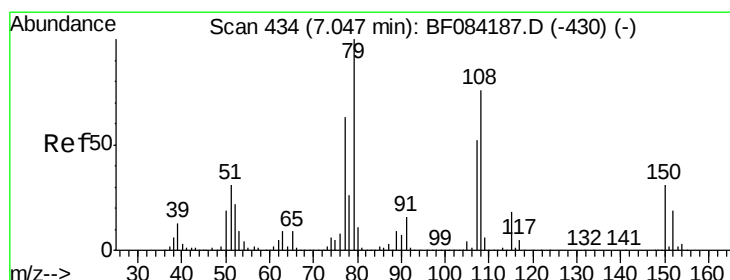
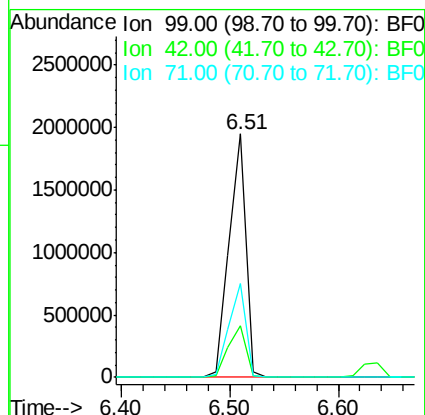
Tgt Ion: 99 Resp: 2082045

Ion Ratio Lower Upper

99 100

42 21.5 12.8 19.2#

71 38.7 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.95 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

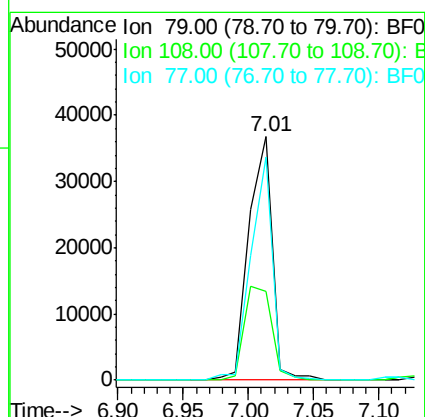
Tgt Ion: 79 Resp: 45975

Ion Ratio Lower Upper

79 100

108 36.4 69.0 103.4#

77 91.5 50.0 75.0#

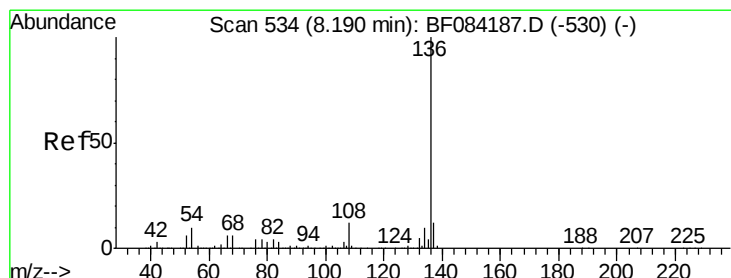
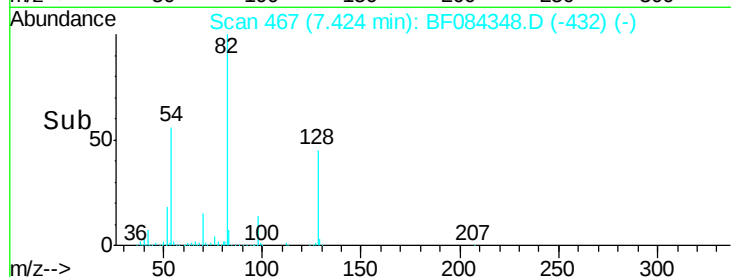
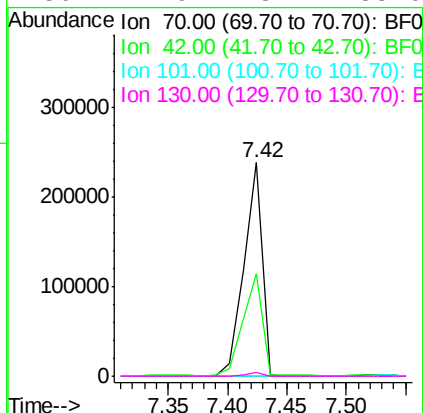
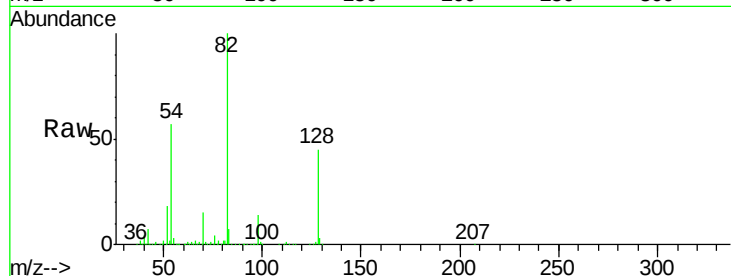




#19
n-Nitroso-di-n-propylamine
Concen: 20.55 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

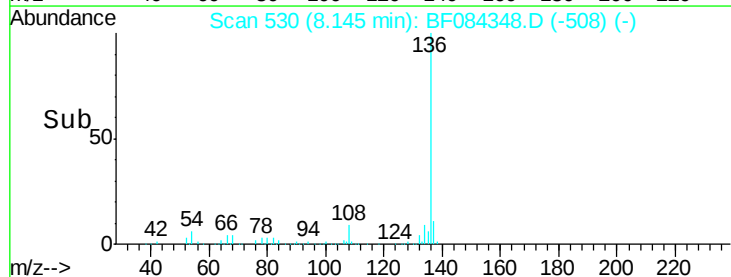
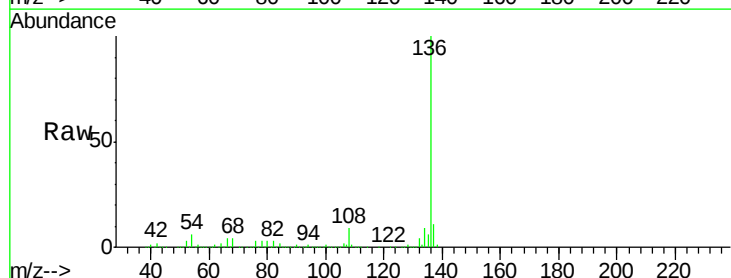
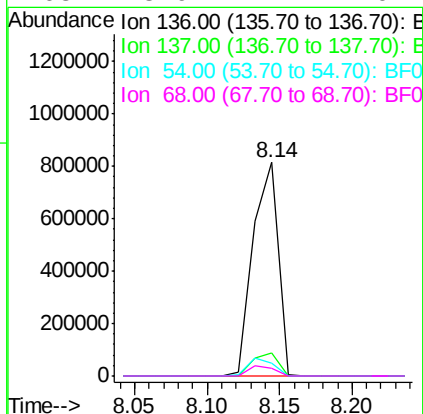
Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

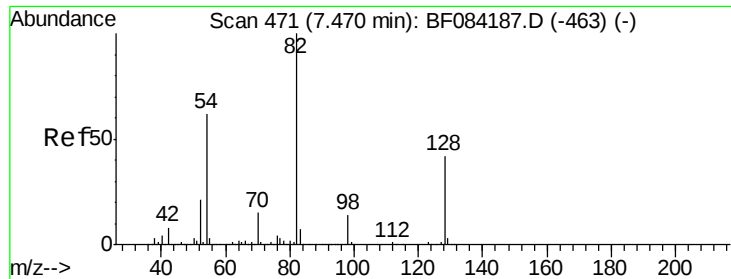
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.0	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.1	5.8	8.8
68	3.9	4.2	6.2#

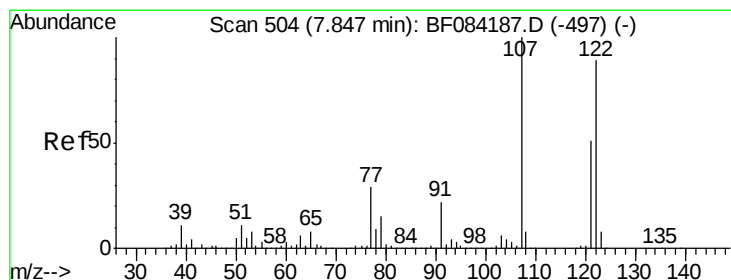
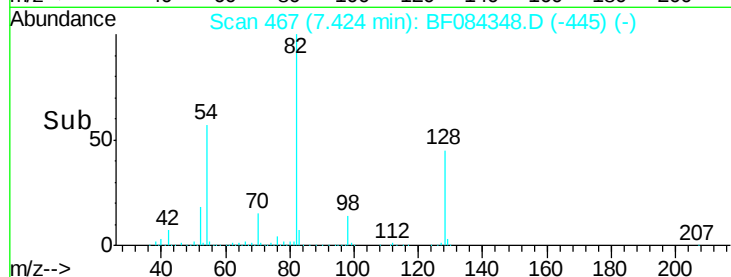
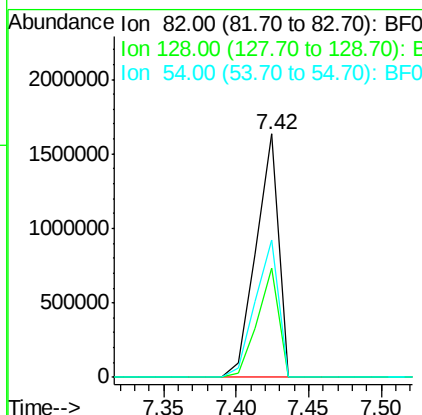
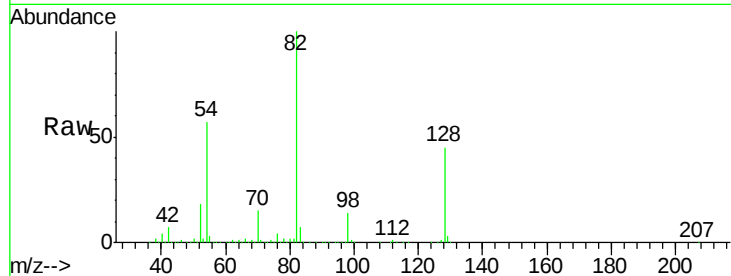




#23
 Nitrobenzene-d5
 Concen: 100.05 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

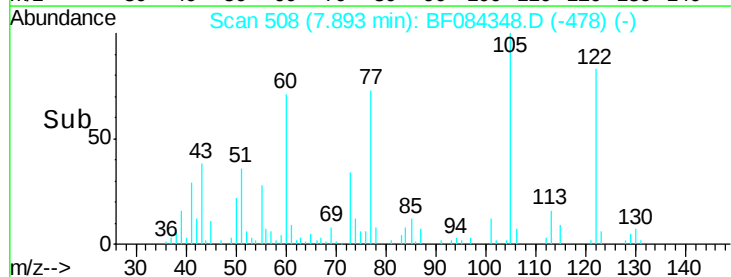
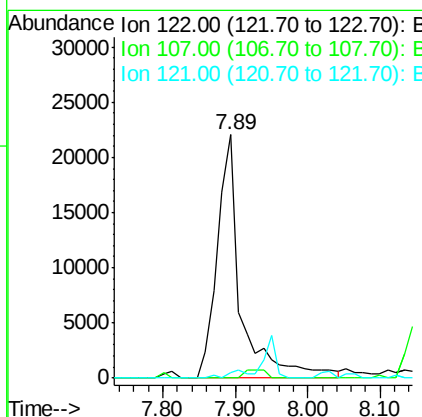
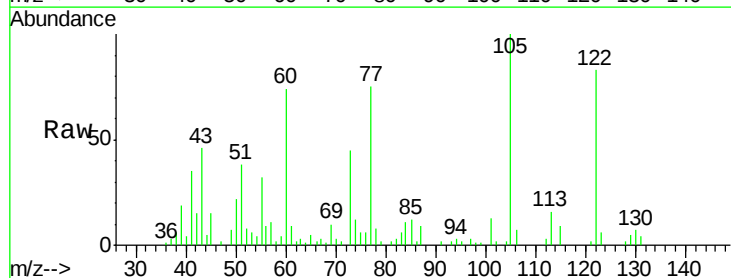
Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

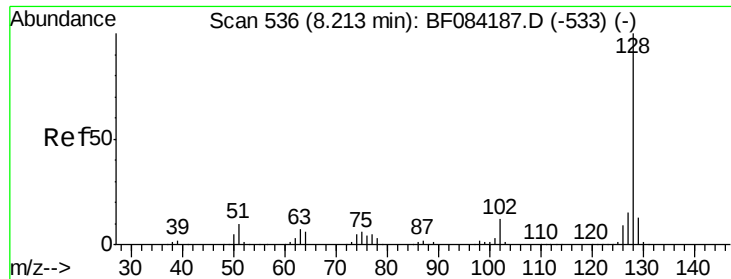
Tgt Ion: 82 Resp: 1762410
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 51.8
 54 56.5 38.4 57.6



#27
 2,4-Dimethylphenol
 Concen: 3.02 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Tgt Ion: 122 Resp: 49768
 Ion Ratio Lower Upper
 122 100
 107 0.0 99.1 148.7#
 121 2.0 47.9 71.9#

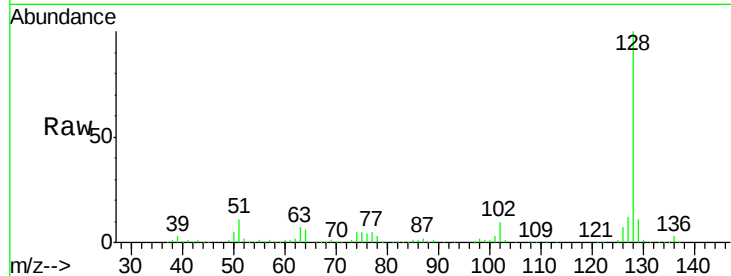




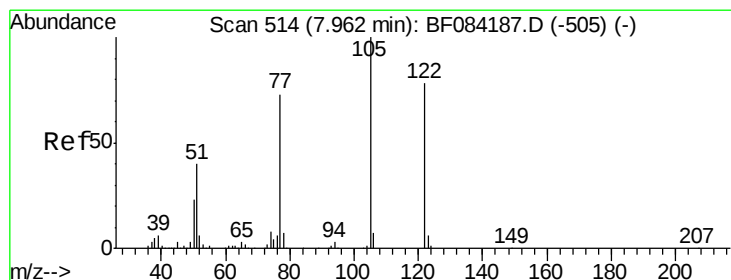
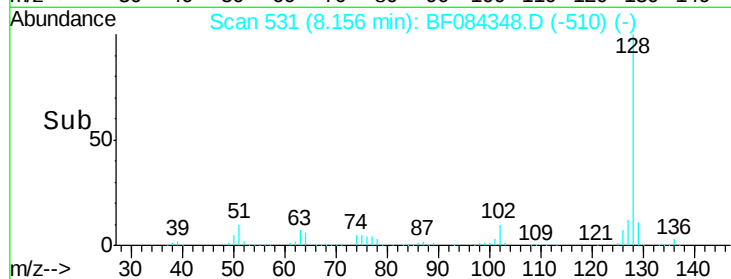
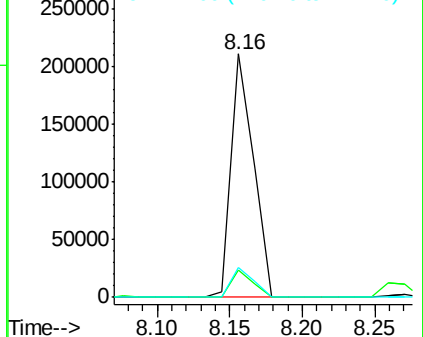
#31
Naphthalene
Concen: 5.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Tgt Ion:128 Resp: 224843
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.2 11.1 16.7

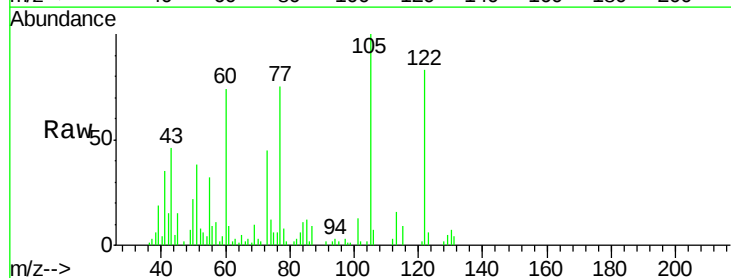


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

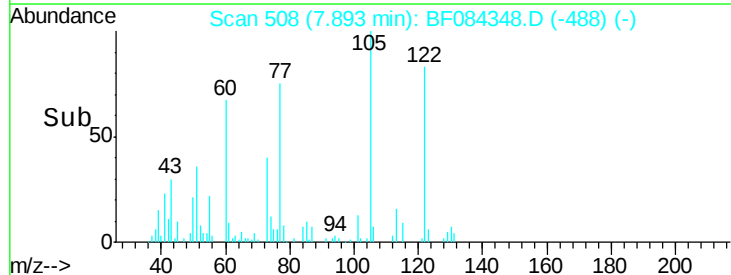
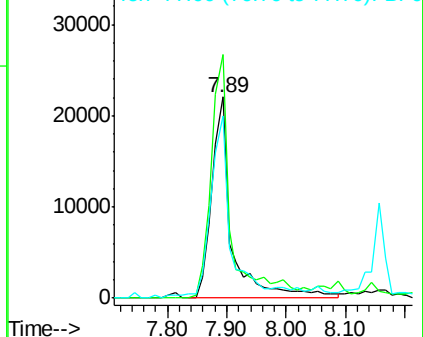


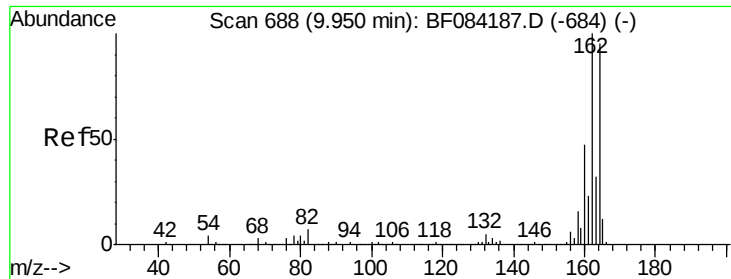
#32
Benzoic acid
Concen: 10.46 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion:122 Resp: 51252
Ion Ratio Lower Upper
122 100
105 121.0 100.3 140.3
77 90.5 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: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

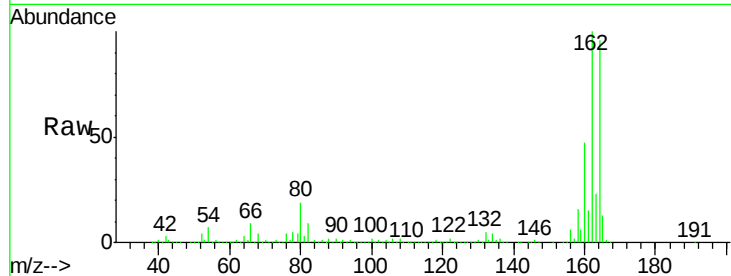
Tgt Ion:164 Resp: 473330

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

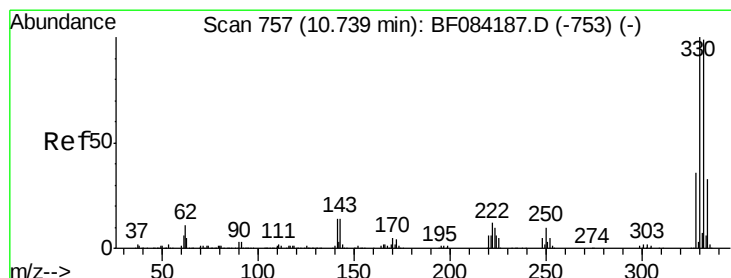
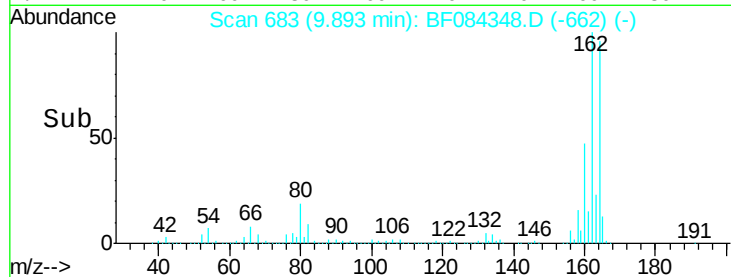
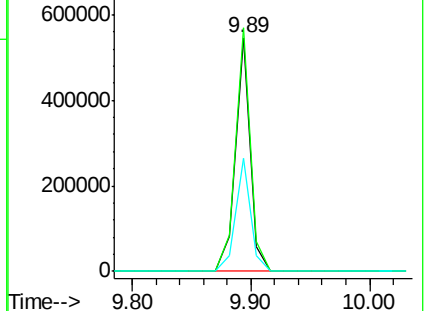
160 48.6 37.5 56.3



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: 148.92 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

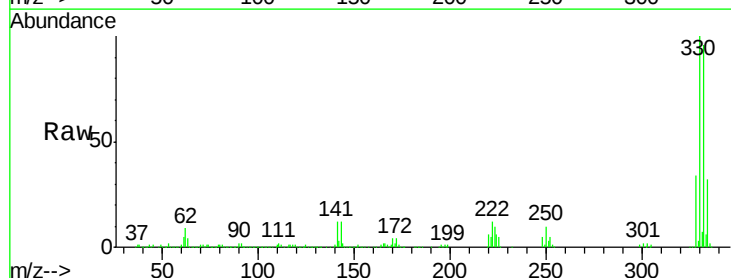
Tgt Ion:330 Resp: 711661

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

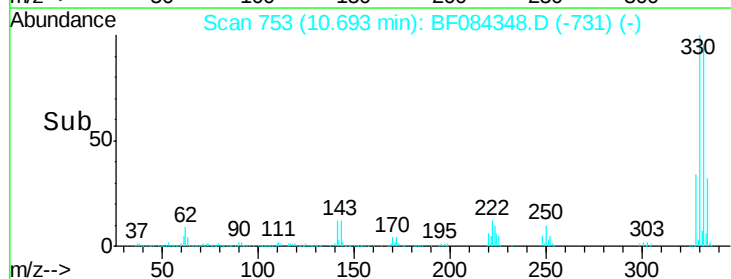
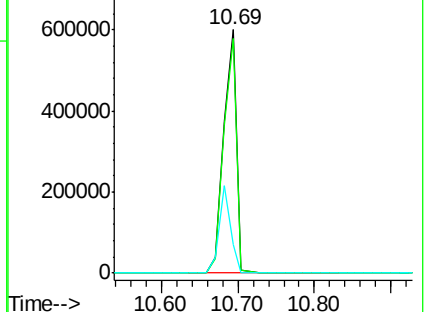
141 31.9 27.8 41.6

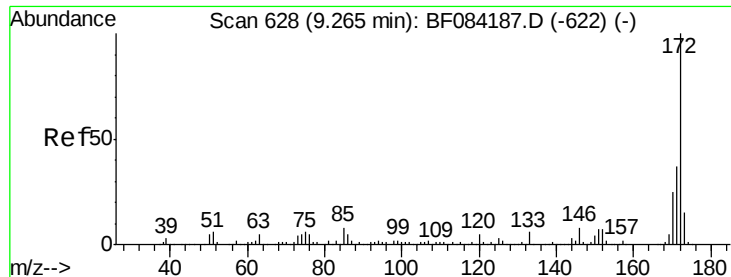


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

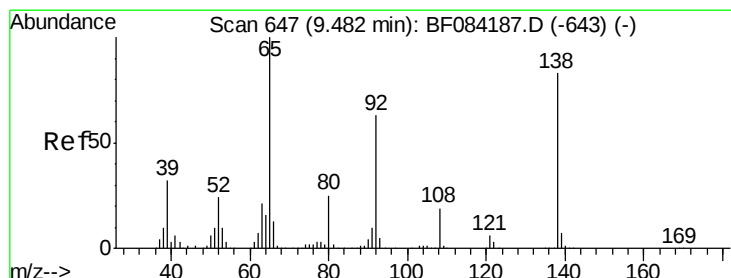
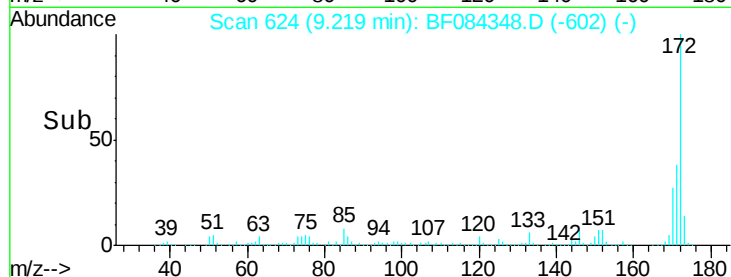
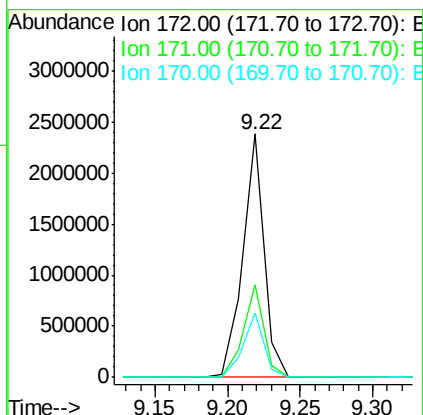
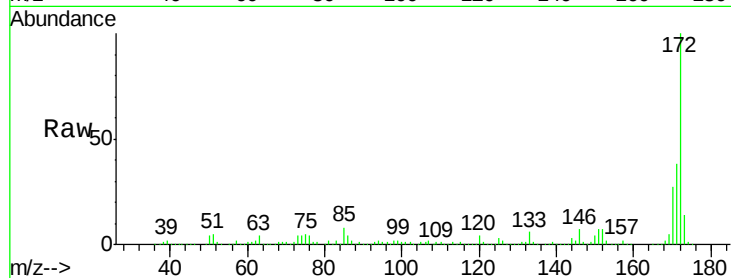




#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

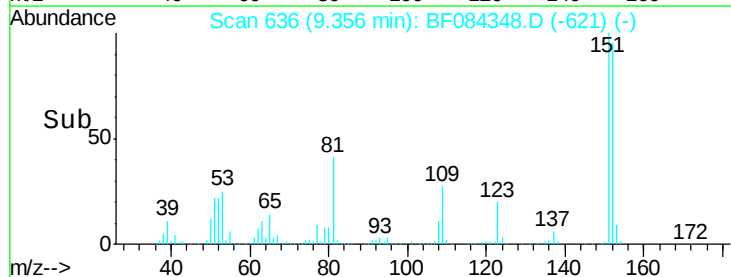
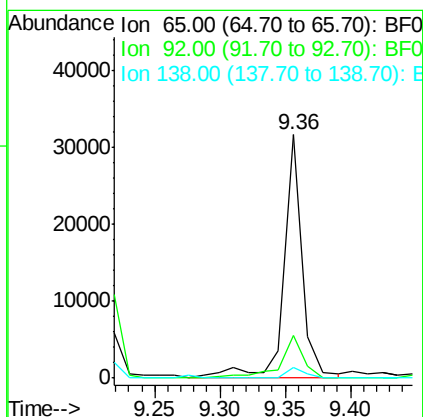
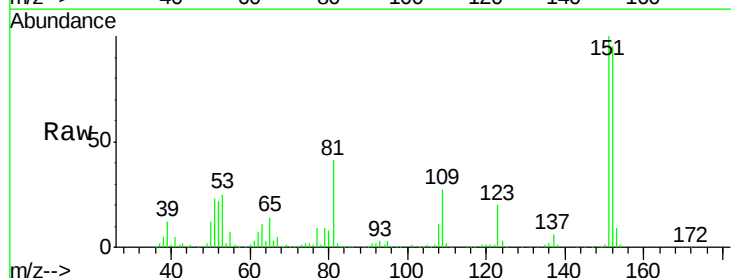
Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

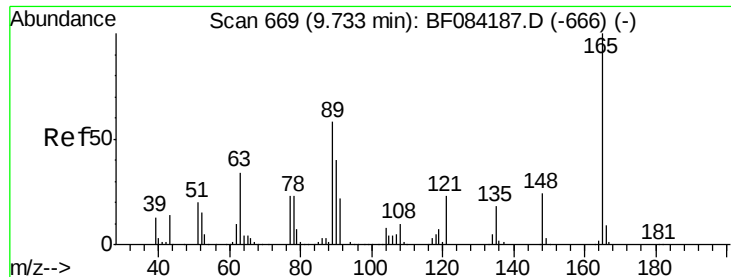
Tgt Ion: 172 Resp: 2424959
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.6 18.6 27.8



#47
 2-Nitroaniline
 Concen: 3.22 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.13 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Tgt Ion: 65 Resp: 31401
 Ion Ratio Lower Upper
 65 100
 92 17.3 53.4 80.2#
 138 4.3 71.1 106.7#

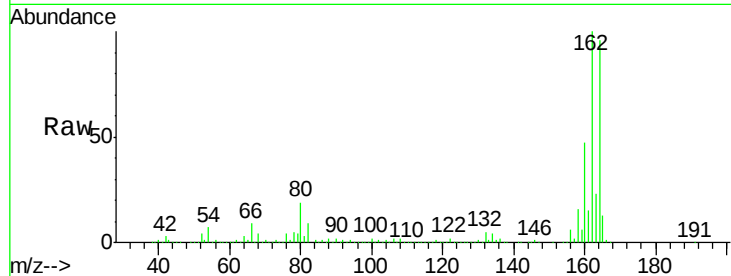




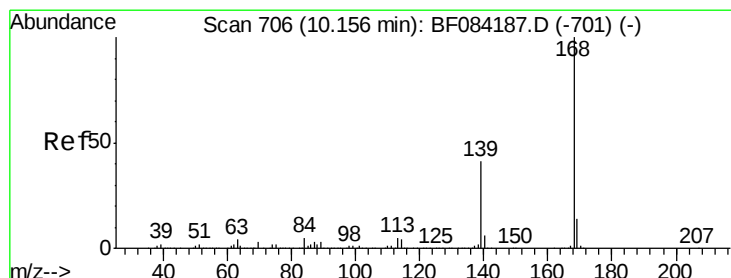
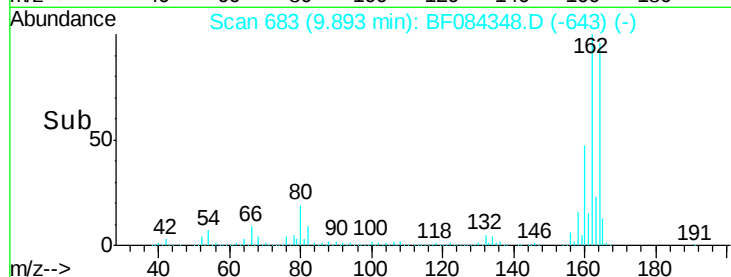
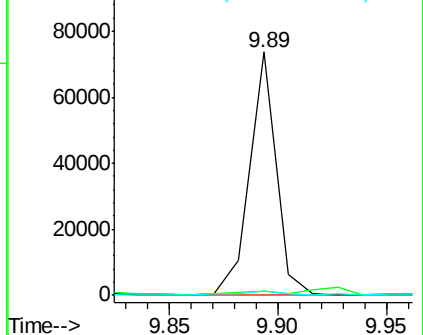
#50
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.7	35.1	52.7#

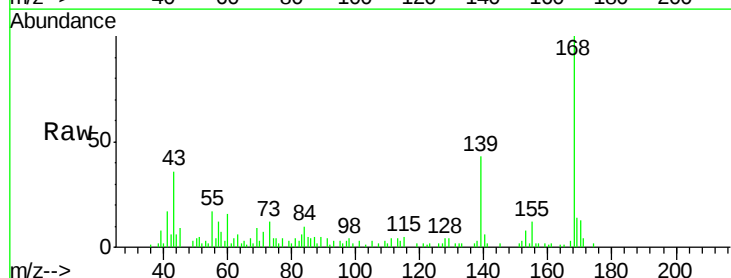


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

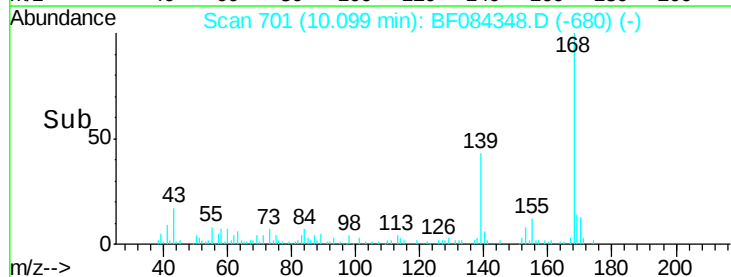
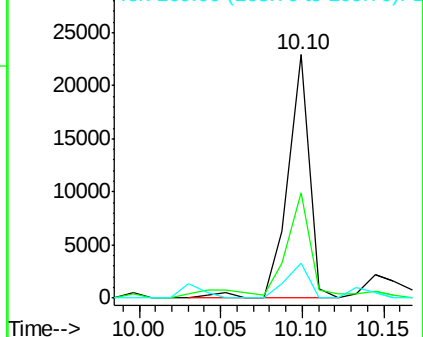


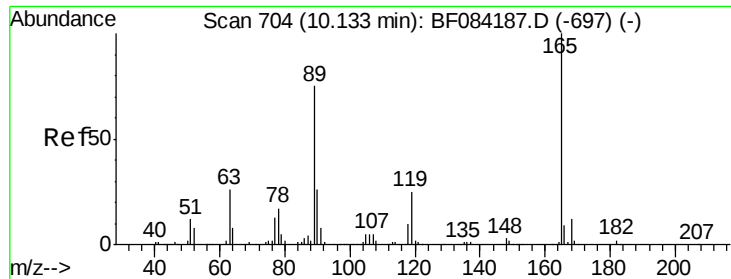
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	30.5	45.7
169	14.5	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

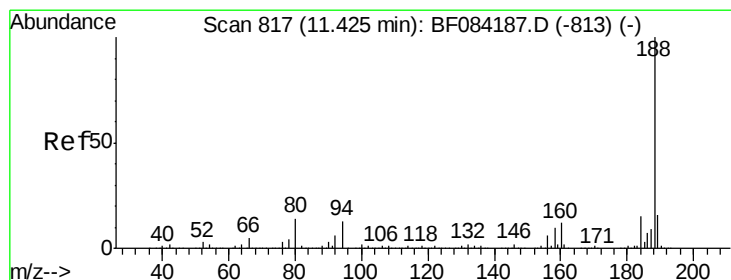
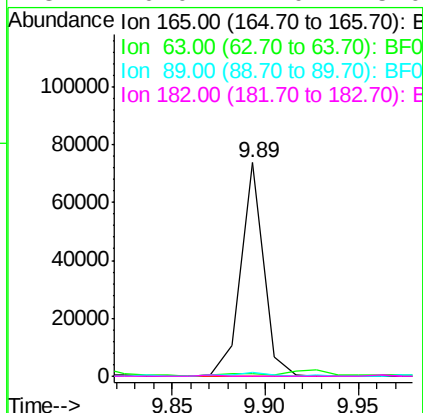
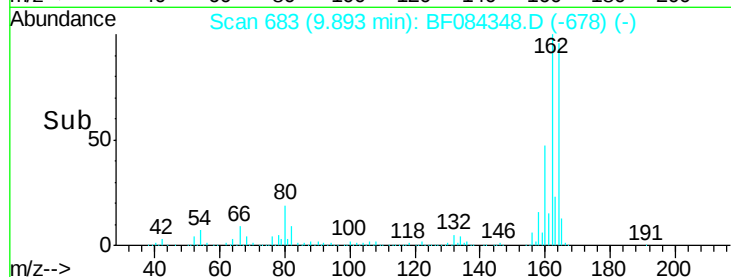
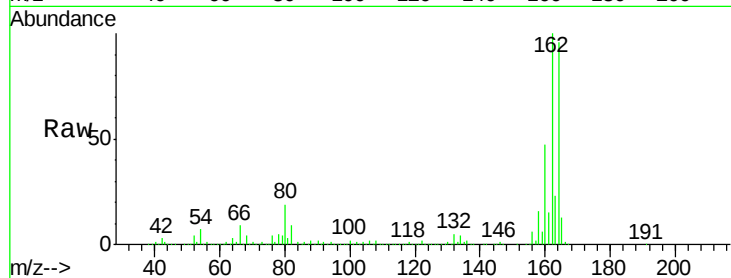




#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

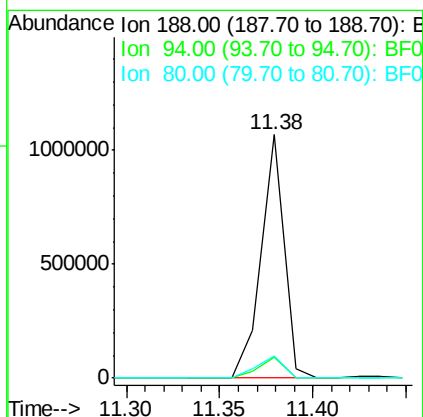
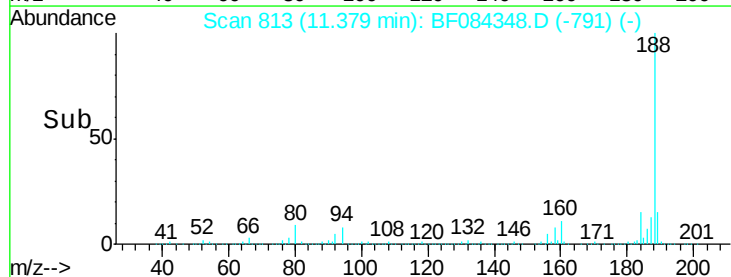
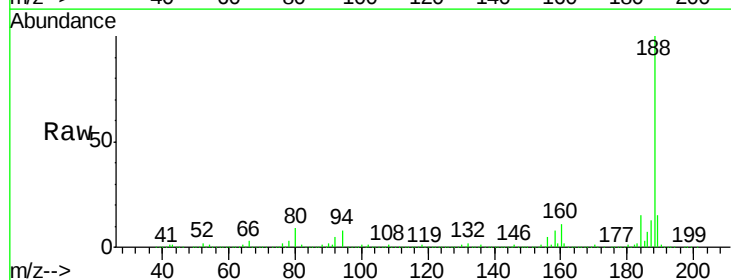
Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

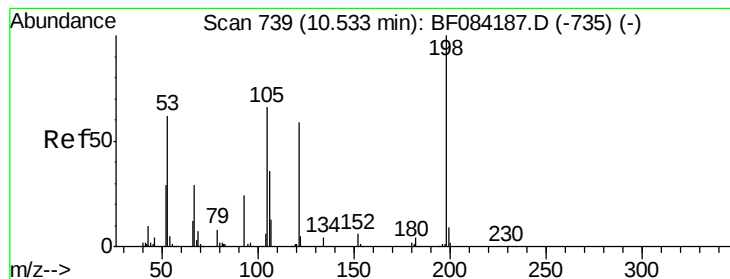
Tgt Ion:165 Resp: 63087
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion:188 Resp: 909552
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.0 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.67 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

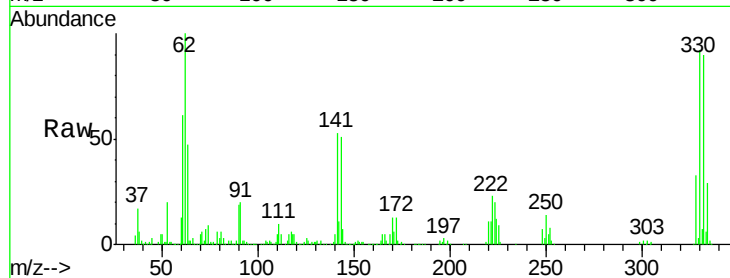
Tgt Ion:198 Resp: 1895

Ion Ratio Lower Upper

198 100

51 241.3 18.9 58.9#

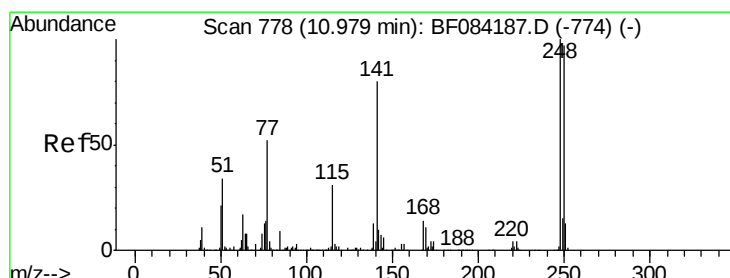
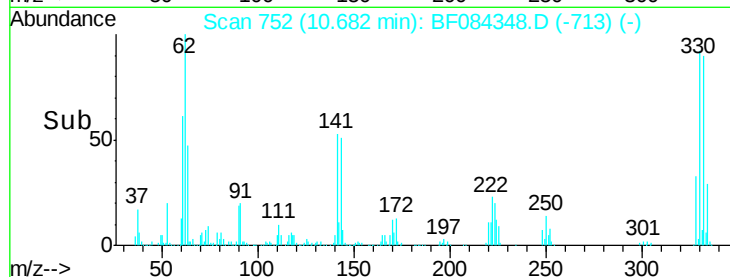
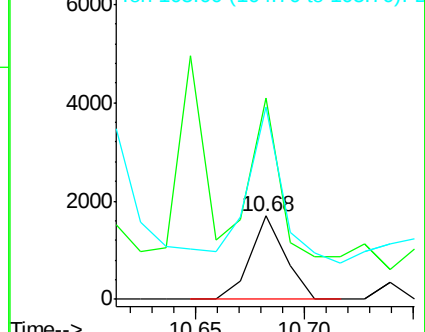
105 230.9 26.4 66.4#



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: 4.35 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

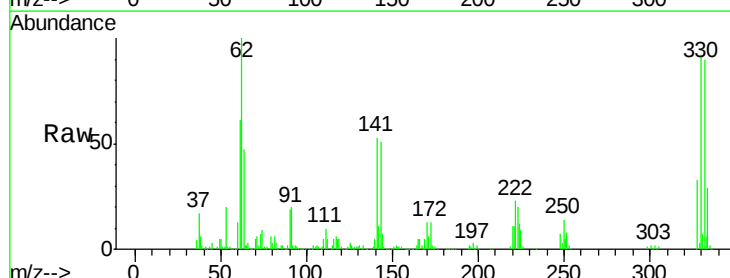
Tgt Ion:248 Resp: 42572

Ion Ratio Lower Upper

248 100

250 195.6 78.4 117.6#

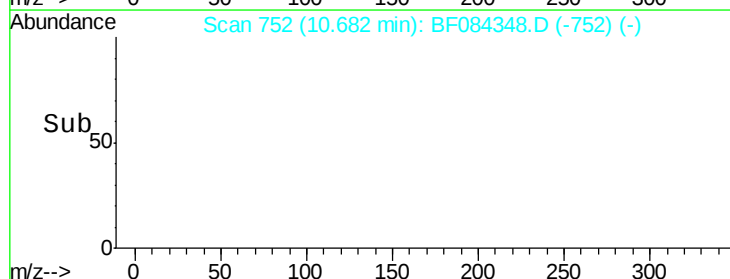
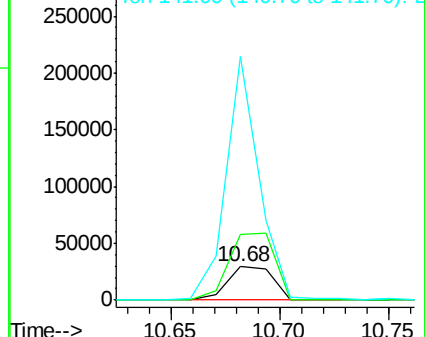
141 729.8 44.0 66.0#

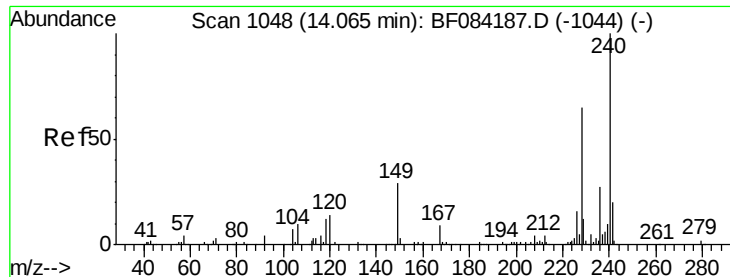


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

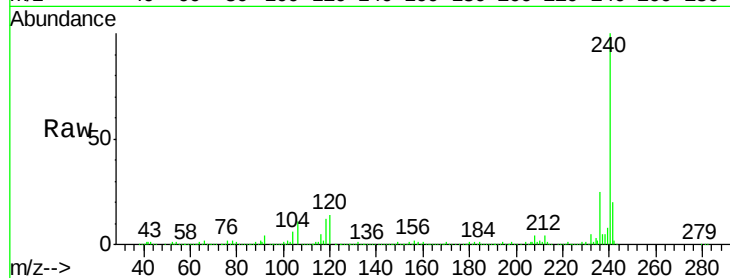
Tgt Ion:240 Resp: 680212

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

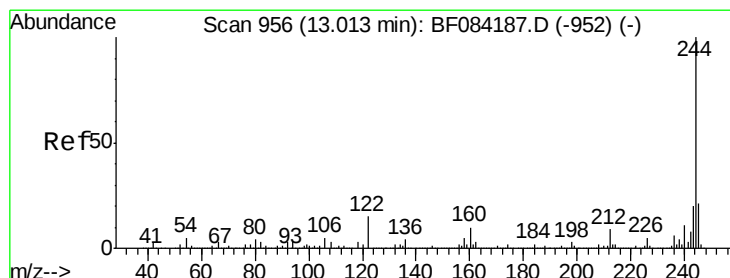
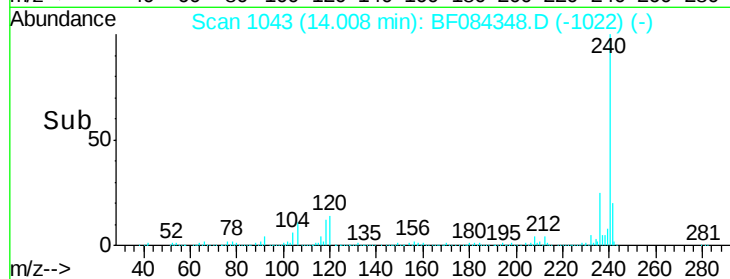
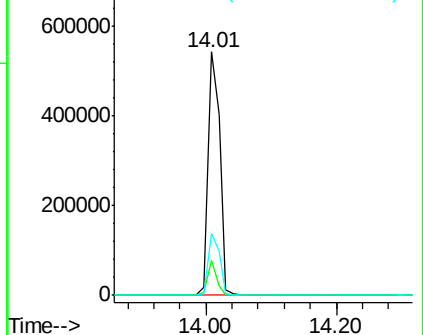
236 25.4 20.6 31.0



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: 80.19 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

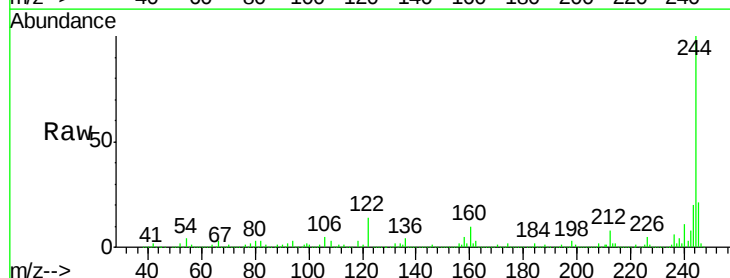
Tgt Ion:244 Resp: 2443653

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

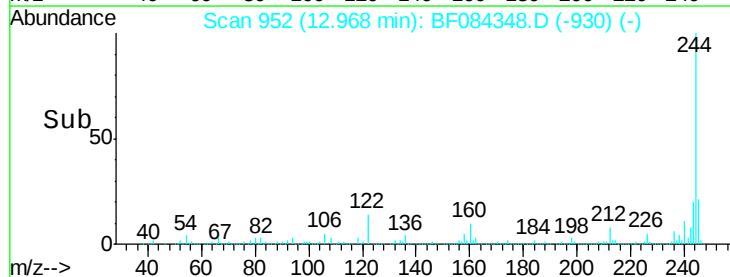
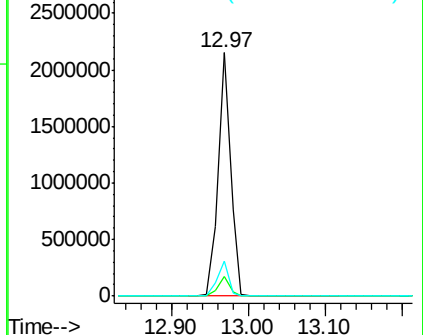
122 14.3 7.4 11.0#

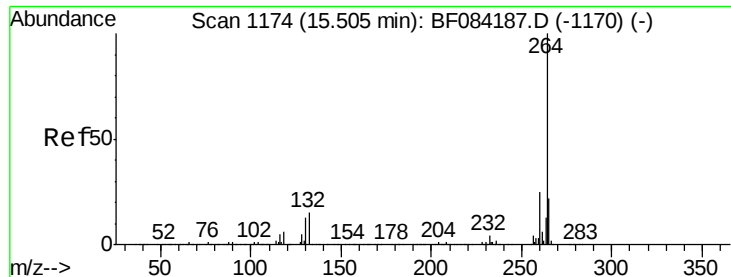


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084348.D
Acq: 9 Jan 2016 2:21

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Tgt Ion: 264 Resp: 490014
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.8 17.8 26.6

