

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084468.D
 Acq On : 14 Jan 2016 4:34
 Operator : SJ/UM
 Sample : H1113-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jan 14 11:17:35 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

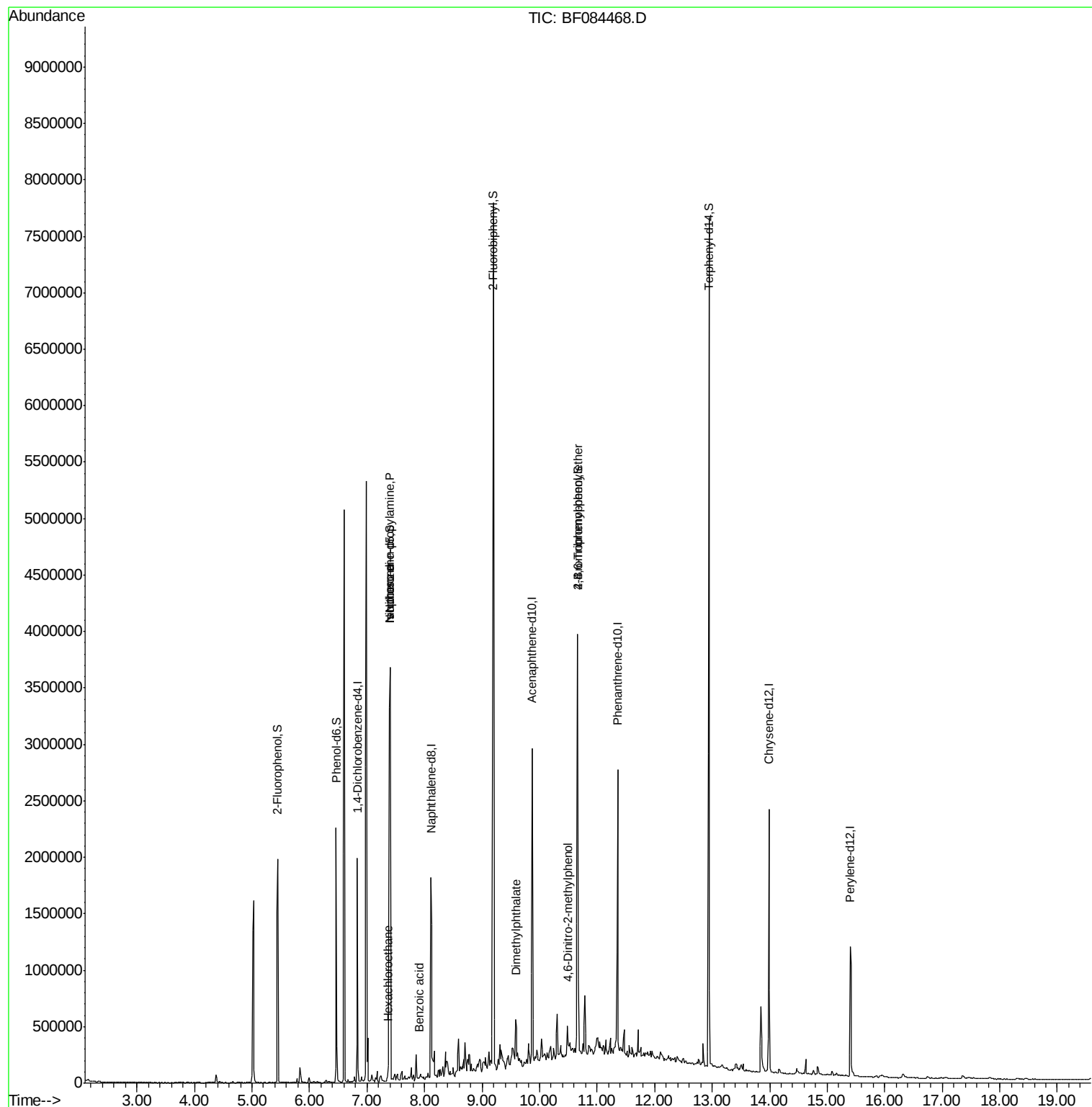
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	269258	20.00	ng	-0.07
21) Naphthalene-d8	8.11	136	1054383	20.00	ng	-0.08
38) Acenaphthene-d10	9.87	164	512828	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	980229	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	823165	20.00	ng	-0.08
86) Perylene-d12	15.40	264	627813	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	725679	43.59	ng	-0.04
7) Phenol-d6	6.46	99	656886	31.42	ng	-0.07
23) Nitrobenzene-d5	7.40	82	1729027	91.27	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	462956	89.42	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2524167	86.71	ng	-0.07
78) Terphenyl-d14	12.95	244	2396724	64.99	ng	-0.07
Target Compounds						
18) Hexachloroethane	7.37	117	25522	3.27	ng	# 21
19) n-Nitroso-di-n-propylamine	7.40	70	235856	16.67	ng	# 78
25) Isophorone	7.40	82	1577275	43.53	ng	# 66
32) Benzoic acid	7.92	122	635	6.30	ng	# 55
49) Dimethylphthalate	9.58	163	192101	5.24	ng	# 89
54) Dibenzofuran	10.08	168	4680	Below Cal	#	77
57) Fluorene	10.42	166	1952	Below Cal	#	54
60) 4-Chlorophenyl-phenylether	10.40	204	2478	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.49	198	567	6.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	28822	2.73	ng	# 1
73) Di-n-butylphthalate	11.92	149	14280	Below Cal	#	75

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

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Quant Time: Jan 14 11:17:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

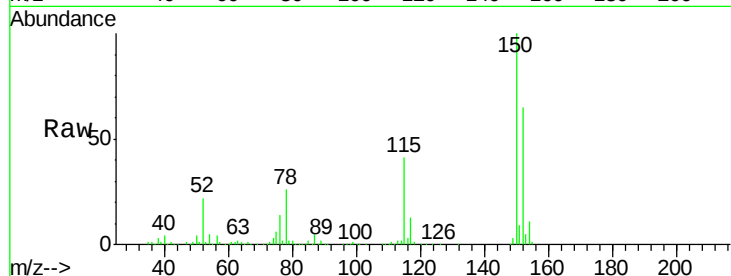
Tot Ion:152 Resp: 269258

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

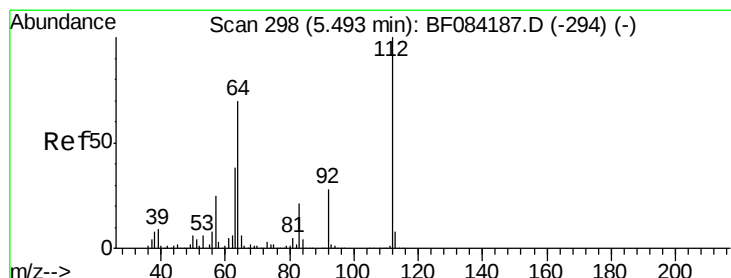
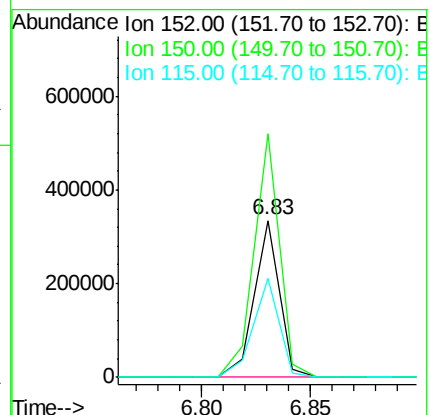
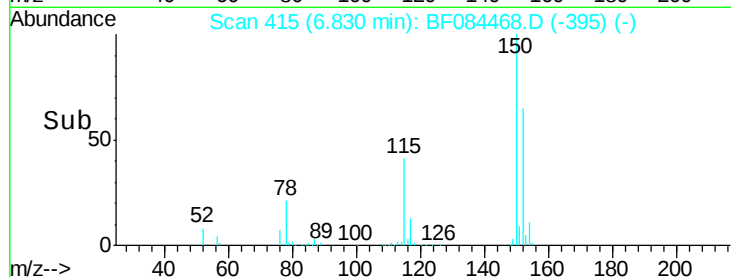
115 63.4 51.4 77.2



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: 43.59 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

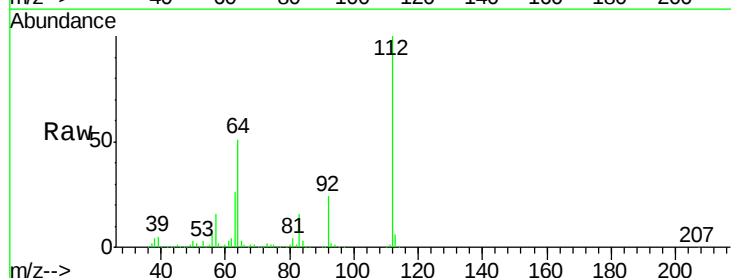
Tgt Ion:112 Resp: 725679

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

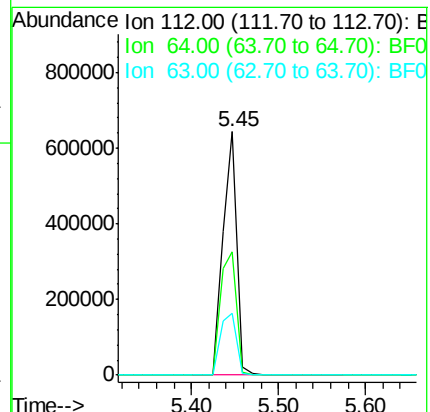
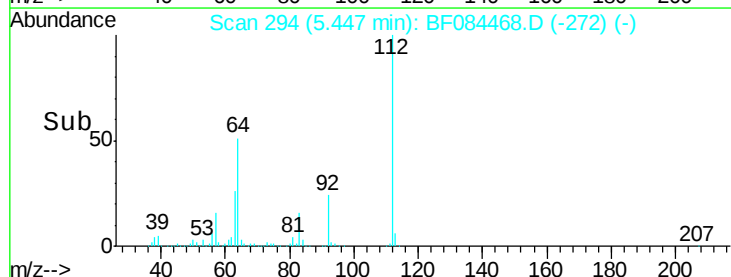
63 25.5 19.4 29.0

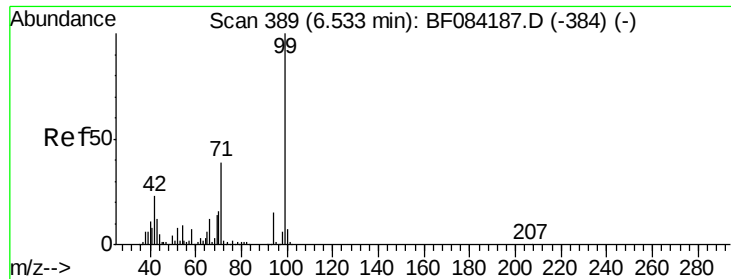


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.42 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.07 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-1

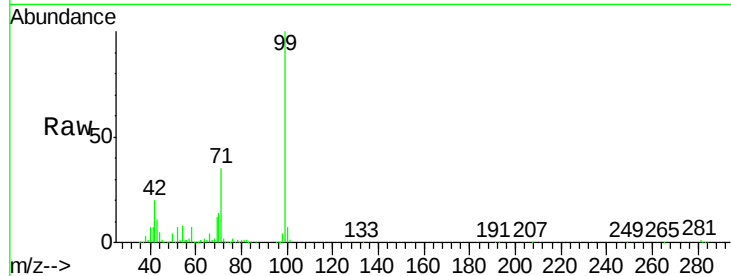
Tot Ion: 99 Resp: 656886

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

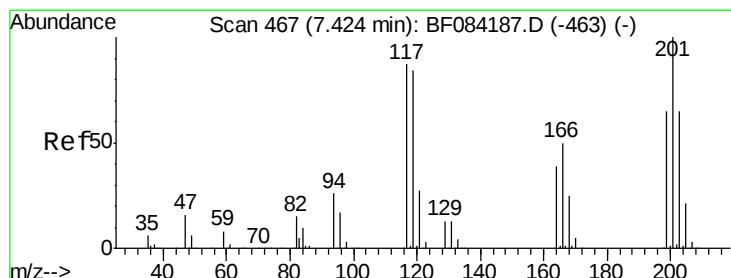
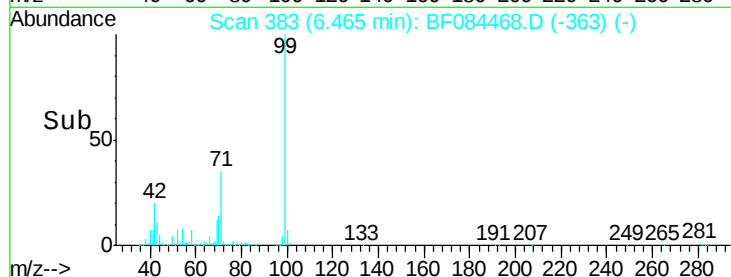
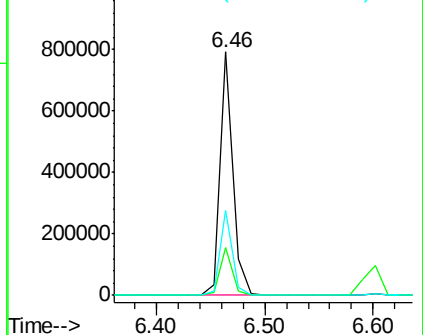
71 35.0 30.9 46.3



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



#18

Hexachloroethane

Concen: 3.27 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

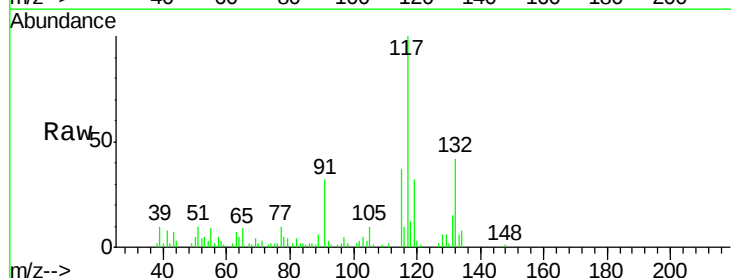
Tgt Ion: 117 Resp: 25522

Ion Ratio Lower Upper

117 100

119 32.1 77.4 116.0#

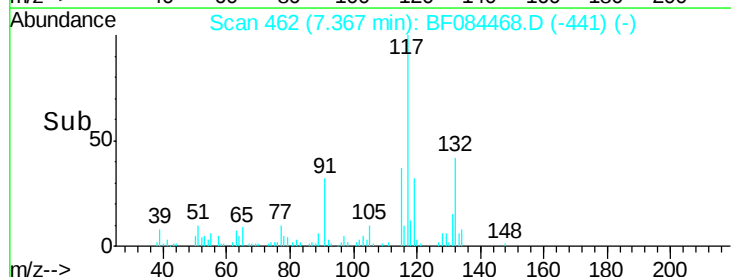
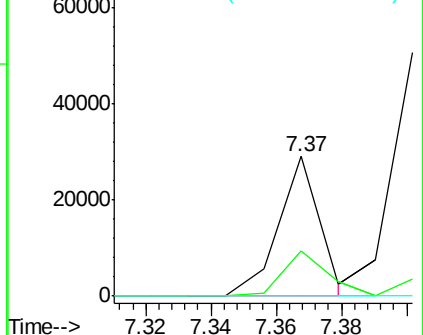
201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

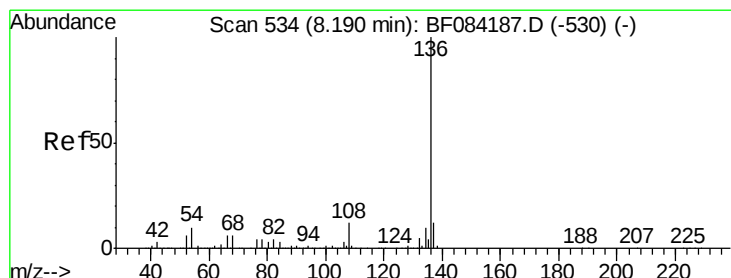
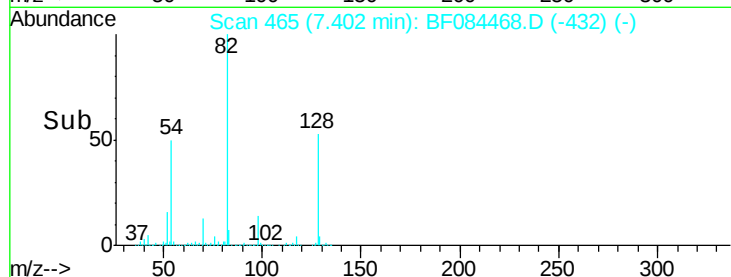
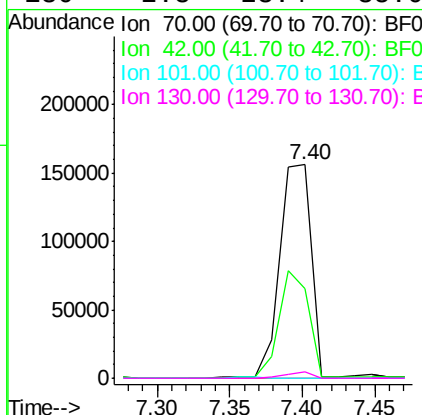
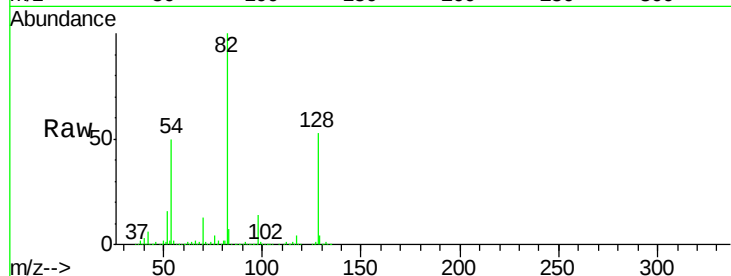




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

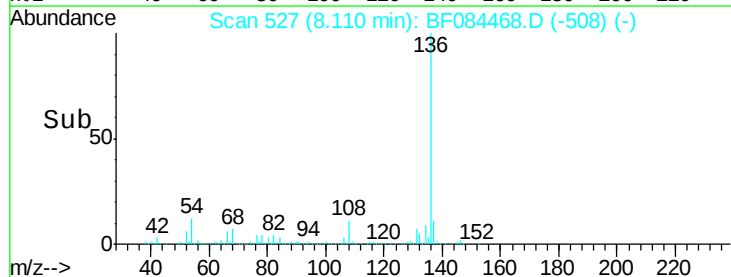
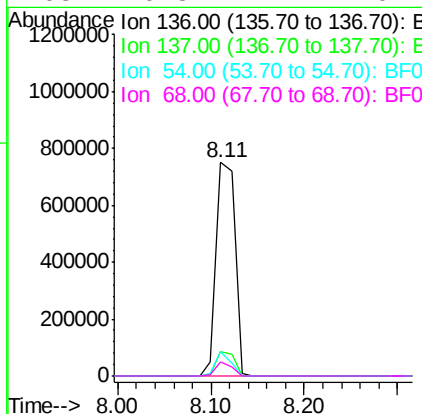
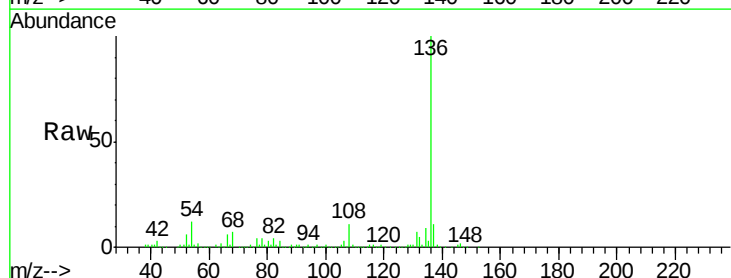
Instrument :
BNA_F
ClientSampleId :
MW-1

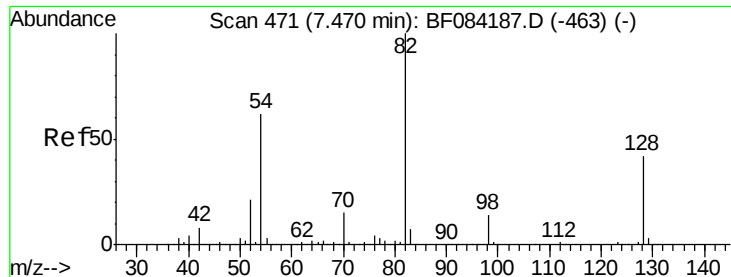
Tot Ion: 70 Resp: 235856
Ion Ratio Lower Upper
70 100
42 41.9 33.3 49.9
101 0.2 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:136 Resp: 1054383
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.6 5.8 8.8#
68 6.8 4.2 6.2#

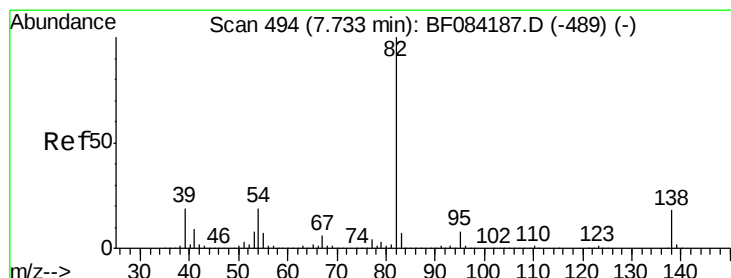
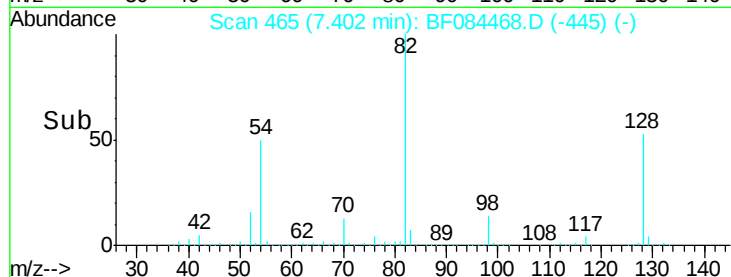
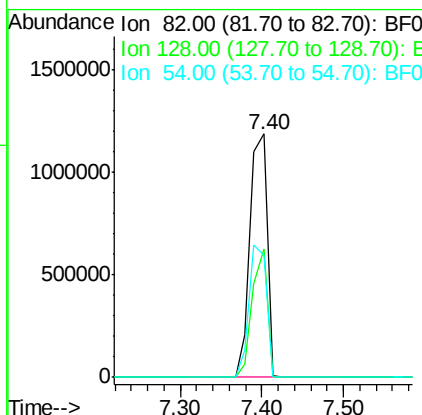
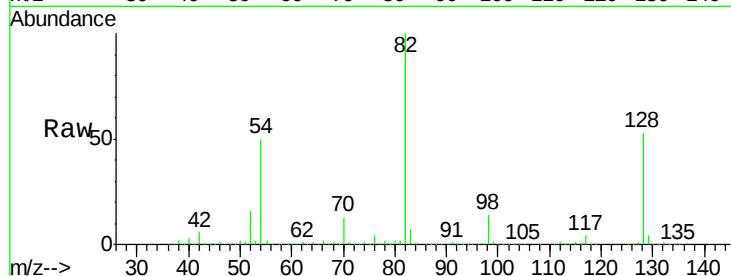




#23
 Nitrobenzene-d5
 Concen: 91.27 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

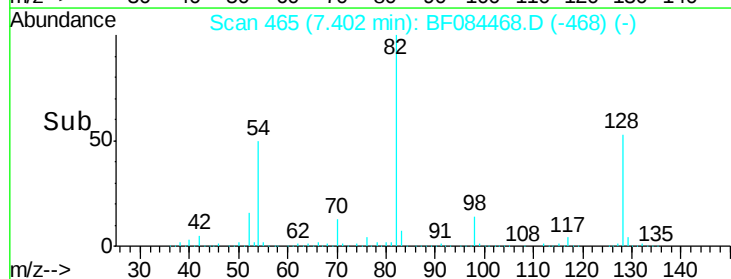
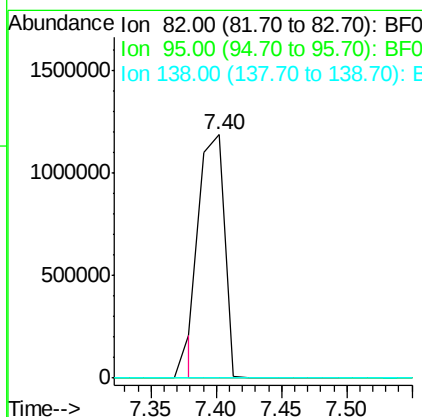
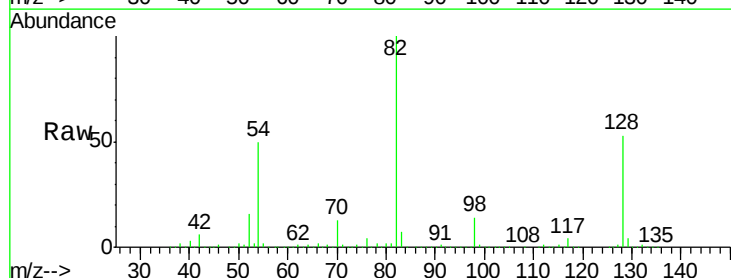
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

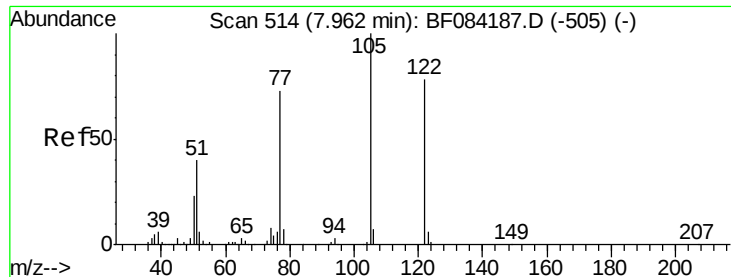
Tot Ion: 82 Resp: 1729027
 Ion Ratio Lower Upper
 82 100
 128 52.9 34.6 51.8#
 54 49.9 38.4 57.6



#25
 Isophorone
 Concen: 43.53 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.33 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Tgt Ion: 82 Resp: 1577275
 Ion Ratio Lower Upper
 82 100
 95 0.1 6.6 10.0#
 138 0.0 13.6 20.4#





#32

Benzoic acid

Concen: 6.30 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampled :

MW-1

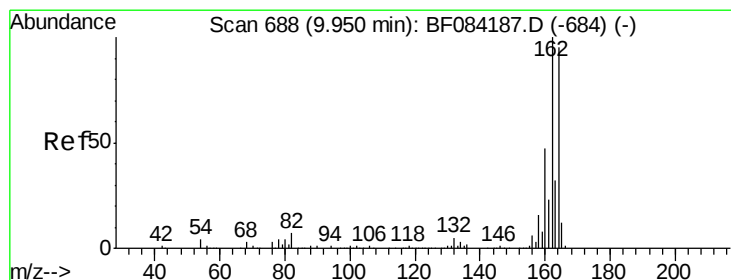
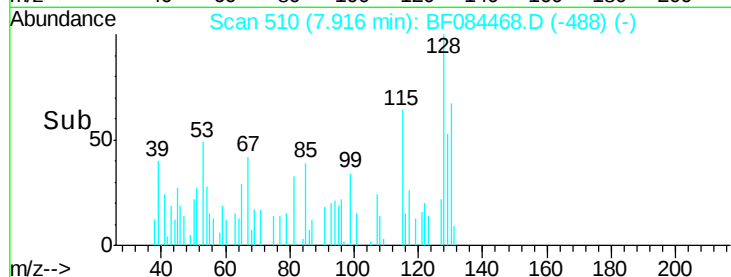
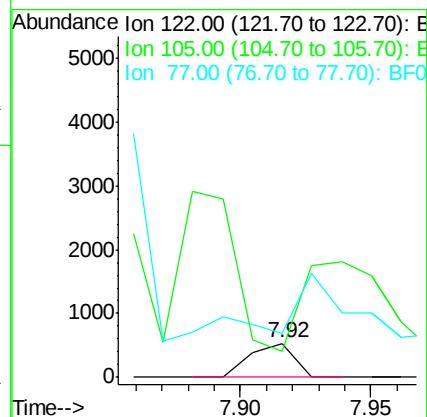
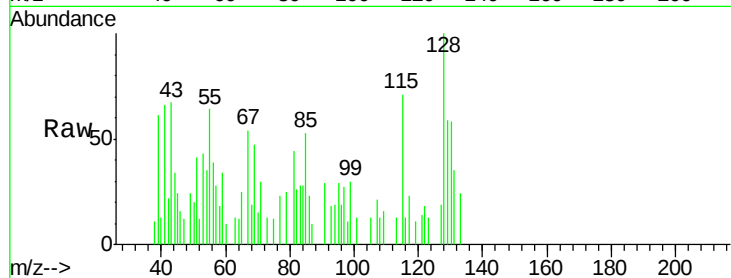
Tot Ion:122 Resp: 635

Ion Ratio Lower Upper

122 100

105 75.9 100.3 140.3#

77 129.9 63.5 103.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

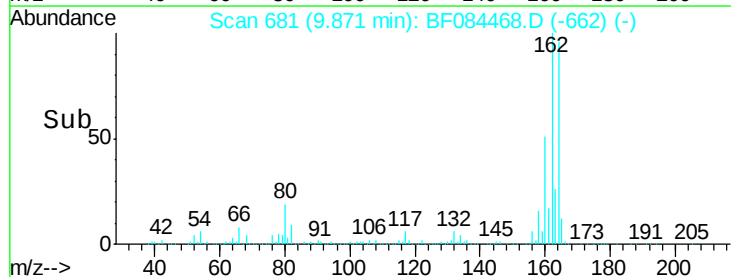
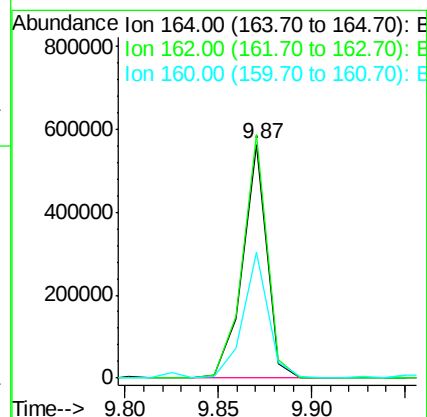
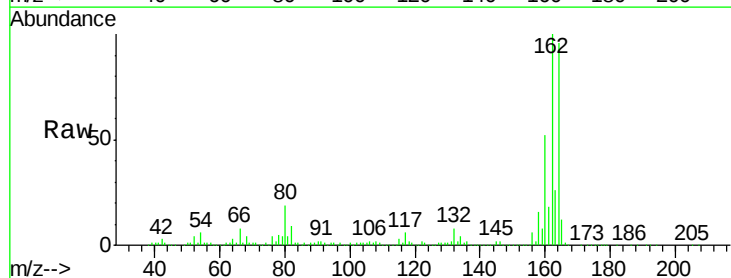
Tgt Ion:164 Resp: 512828

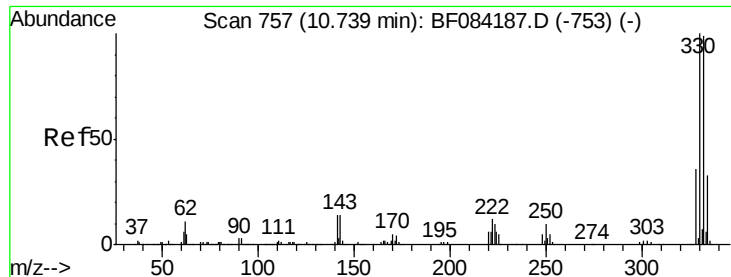
Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

160 53.8 37.5 56.3

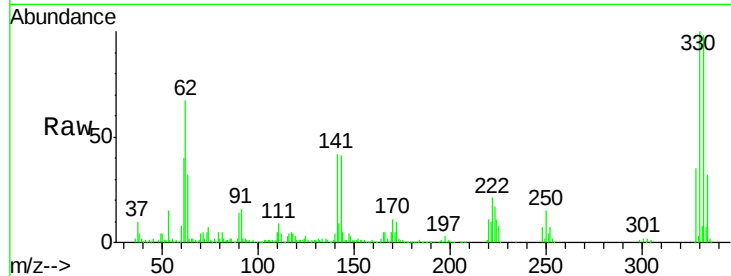




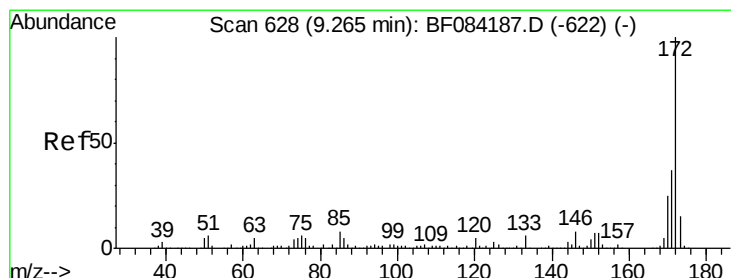
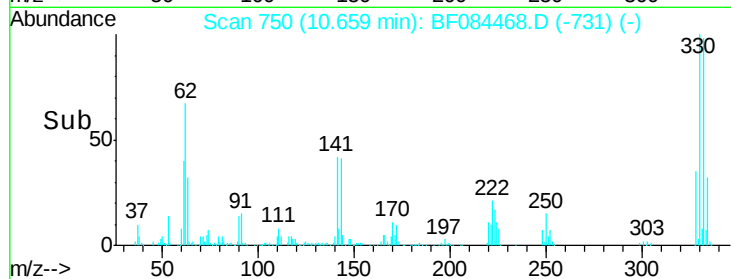
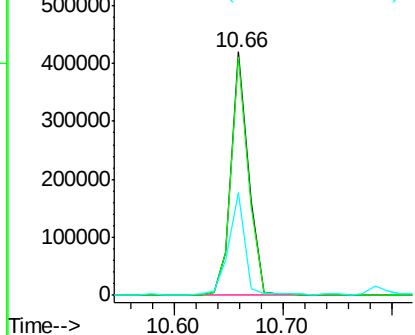
#41
 2,4,6-Tribromophenol
 Concen: 89.42 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.08 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:330 Resp: 462956
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 38.2 27.8 41.6

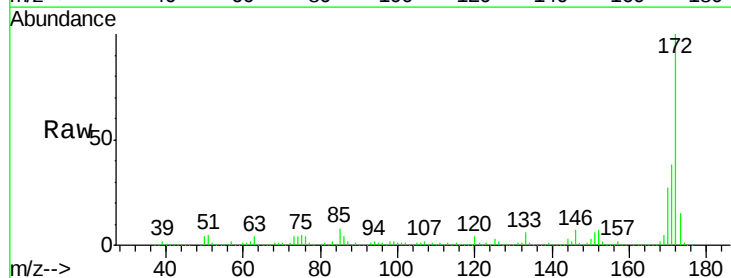


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

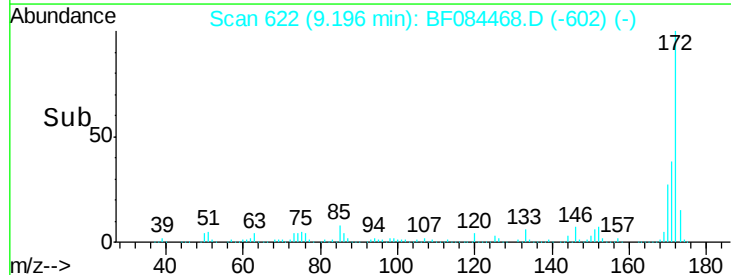
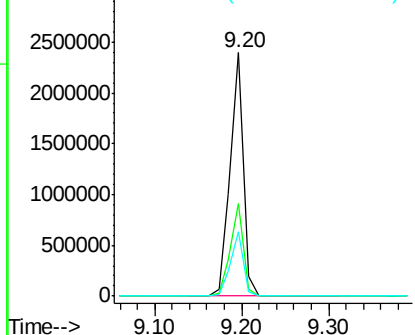


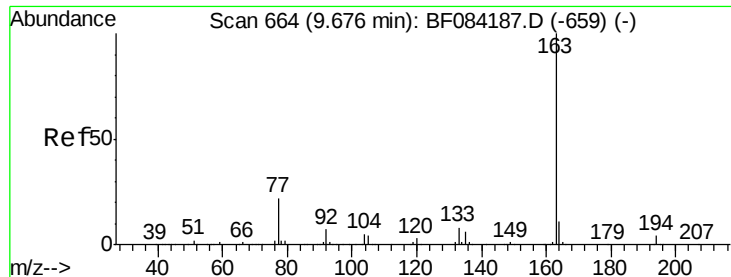
#44
 2-Fluorobiphenyl
 Concen: 86.71 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Tgt Ion:172 Resp: 2524167
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.5 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

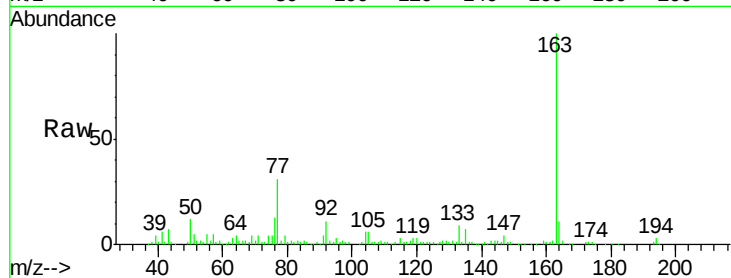




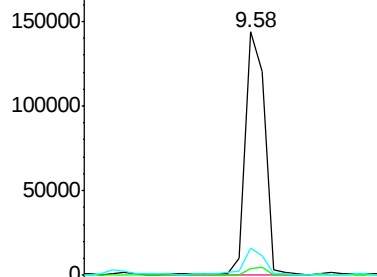
#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

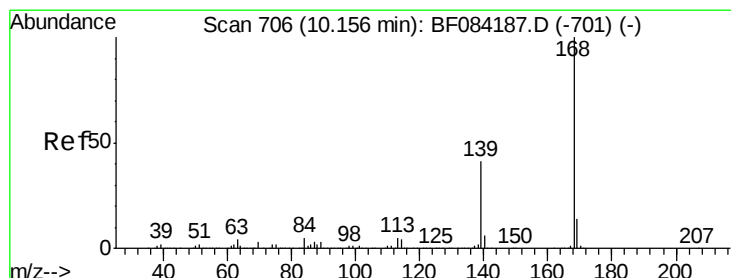
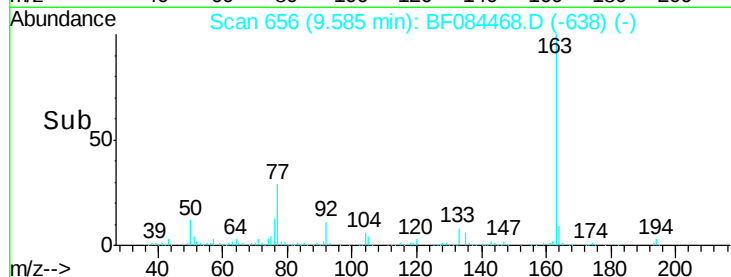
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.7	8.0	12.0#
164	11.1	8.0	12.0



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

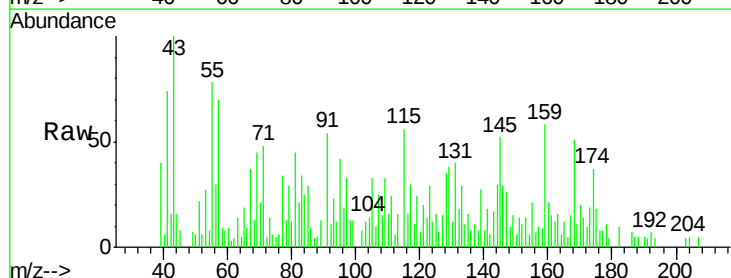


Time-->

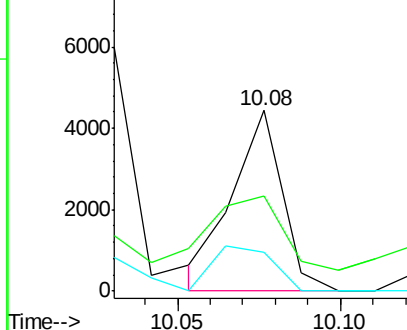


#54
Dibenzofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

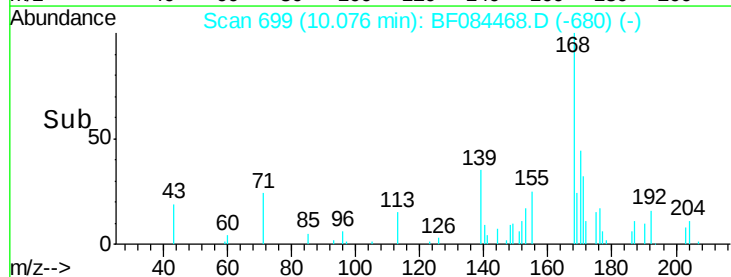
Tgt Ion	Ratio	Lower	Upper
168	100		
139	52.5	30.5	45.7#
169	21.2	10.4	15.6#

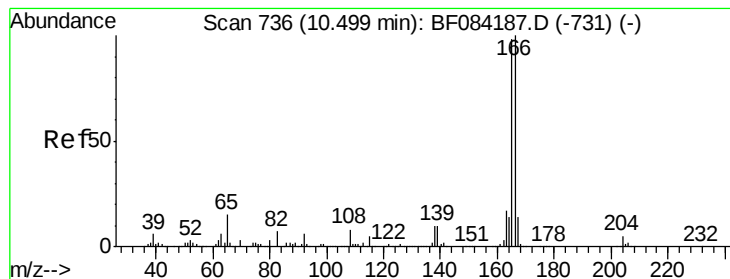


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



Time-->





#57

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 729

Delta R.T. -0.08 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampled :

MW-1

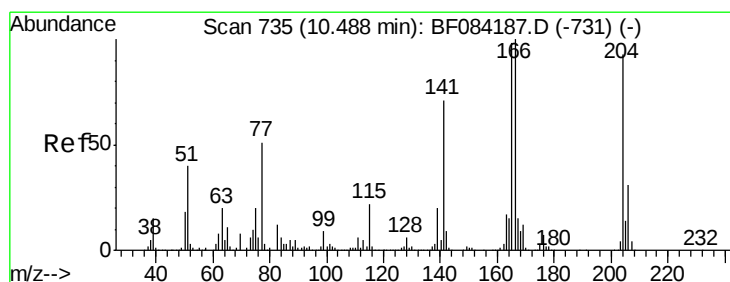
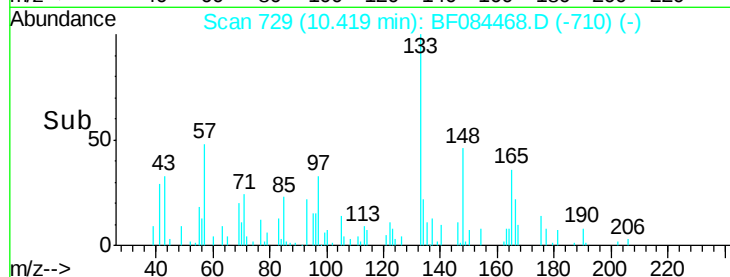
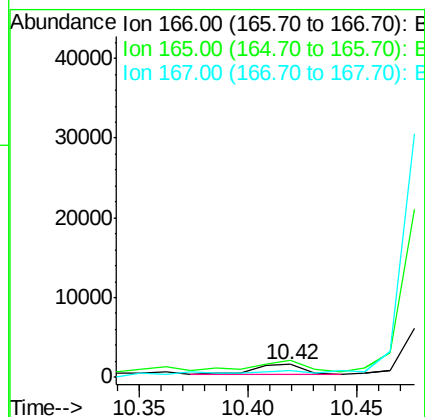
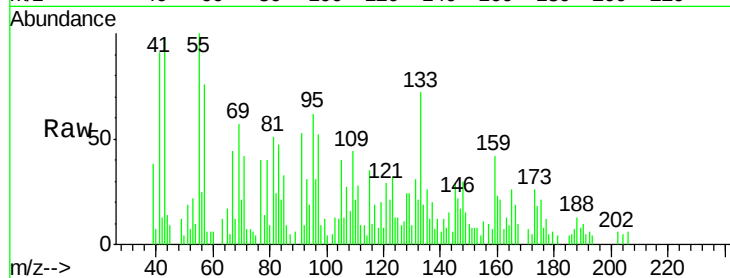
Tot Ion:166 Resp: 1952

Ion Ratio Lower Upper

166 100

165 137.3 79.1 118.7#

167 52.4 10.4 15.6#



#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.40 min Scan# 727

Delta R.T. -0.09 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

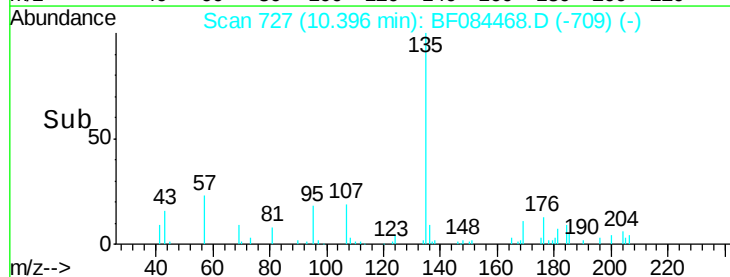
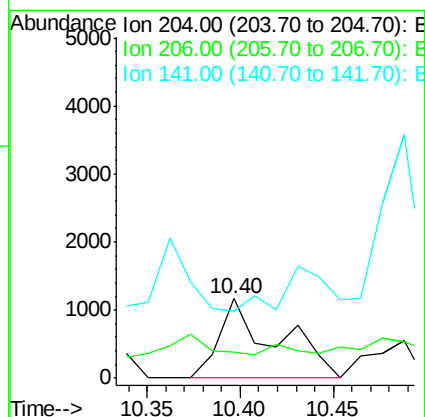
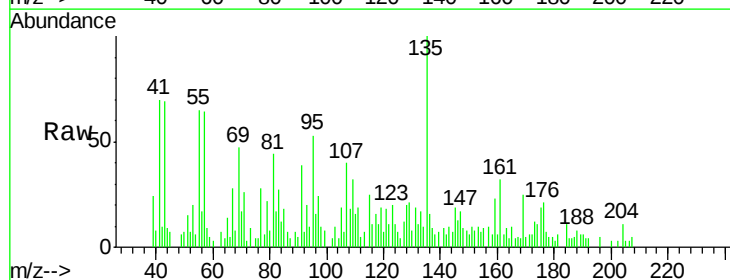
Tgt Ion:204 Resp: 2478

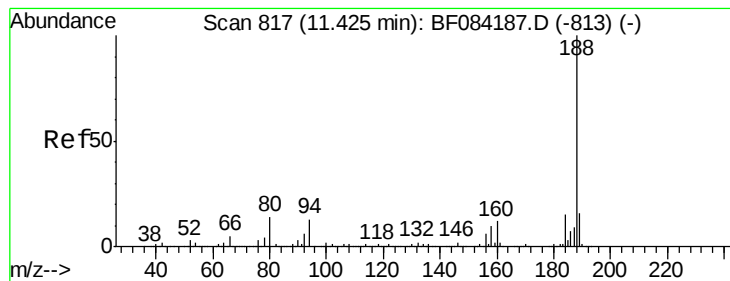
Ion Ratio Lower Upper

204 100

206 32.2 25.7 38.5

141 84.1 55.1 82.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

Instrument :

BNA_F

ClientSampled :

MW-1

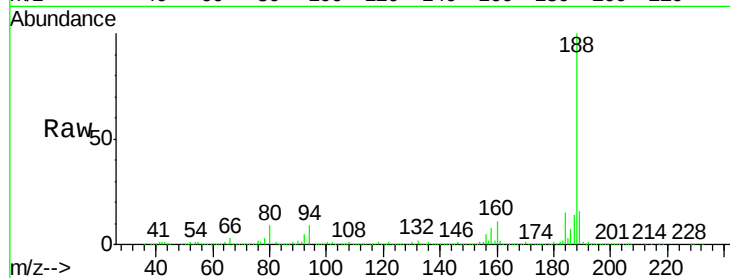
Tot Ion:188 Resp: 980229

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

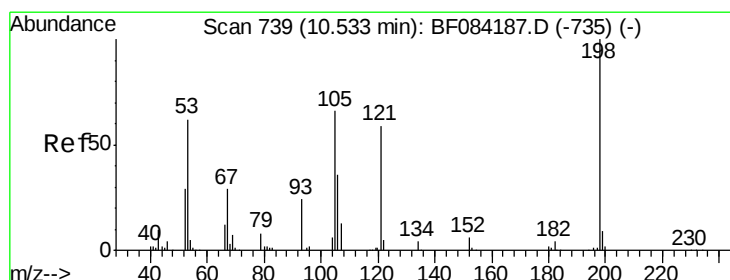
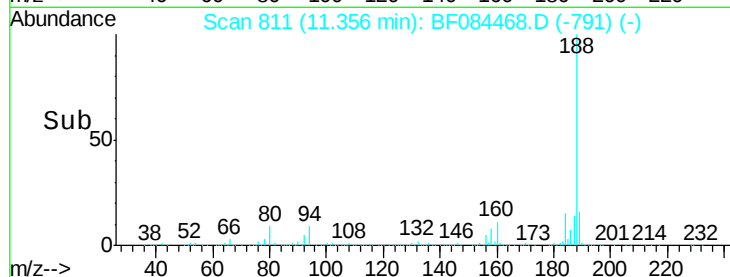
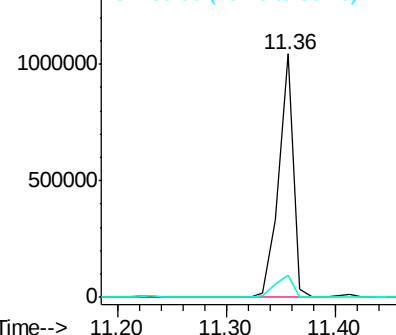
80 9.0 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.50 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084468.D

Acq: 14 Jan 2016 4:34

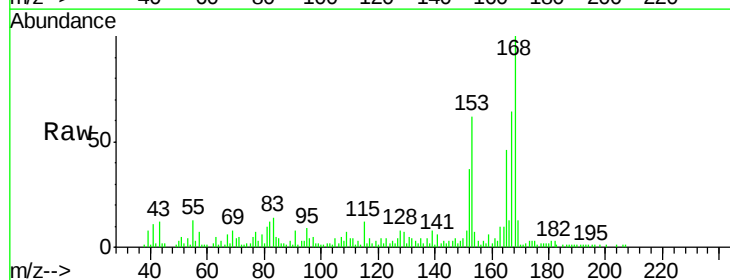
Tgt Ion:198 Resp: 567

Ion Ratio Lower Upper

198 100

51 591.1 18.9 58.9#

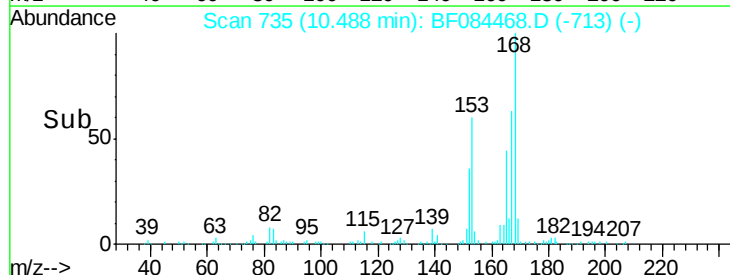
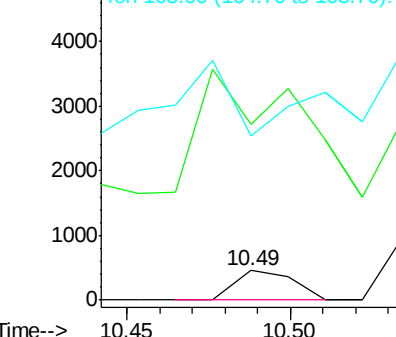
105 551.6 26.4 66.4#

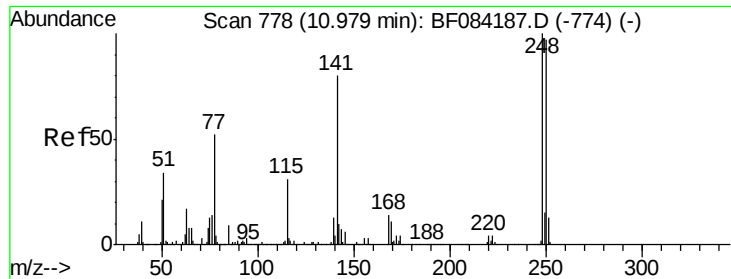


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

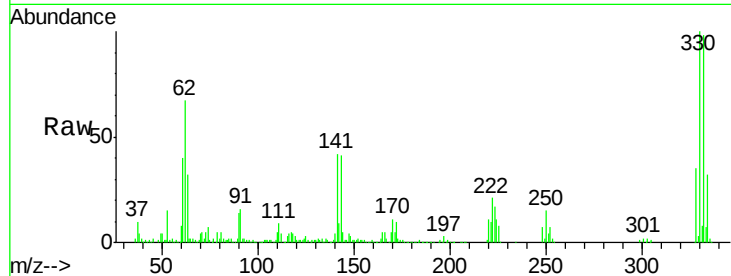




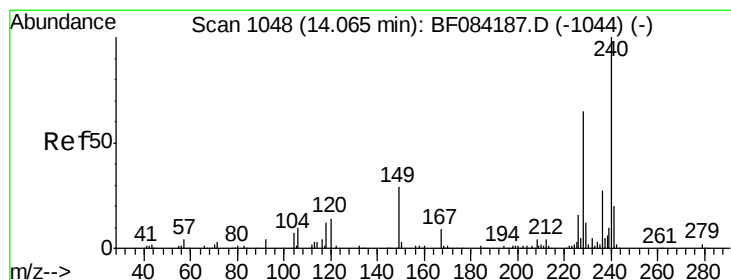
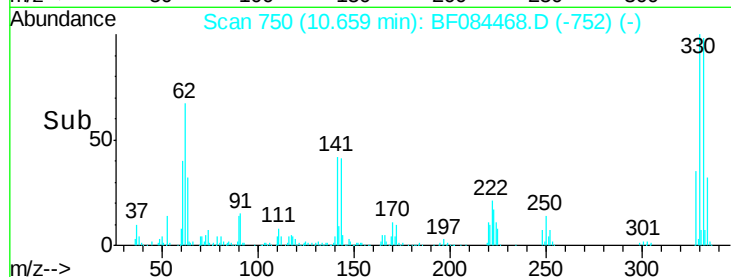
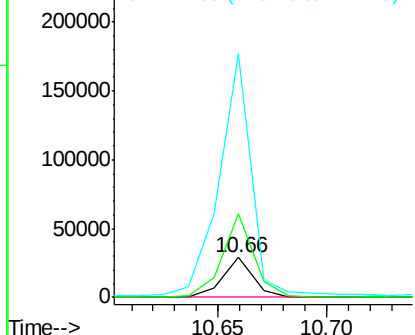
#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:248 Resp: 28822
Ion Ratio Lower Upper
248 100
250 209.6 78.4 117.6#
141 608.0 44.0 66.0#

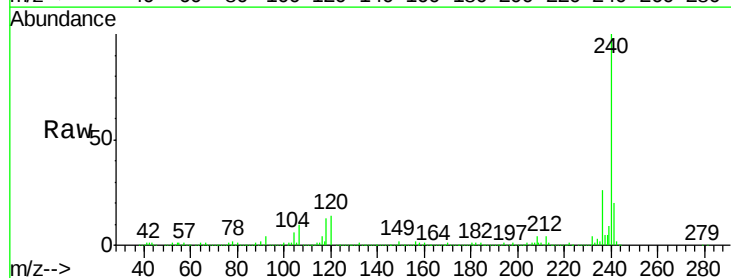


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

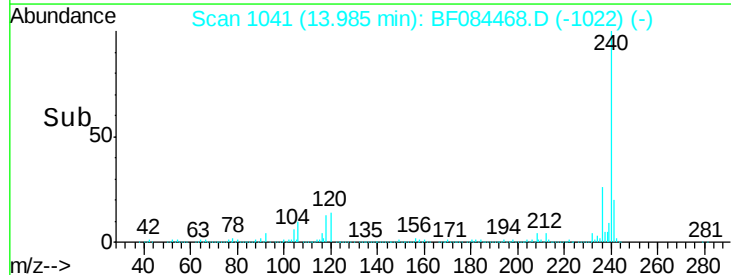
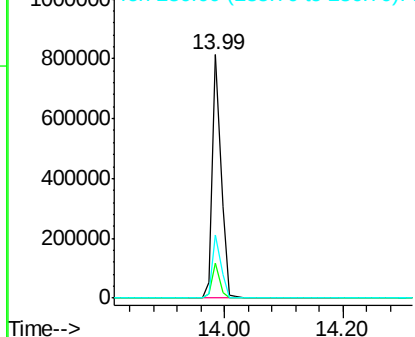


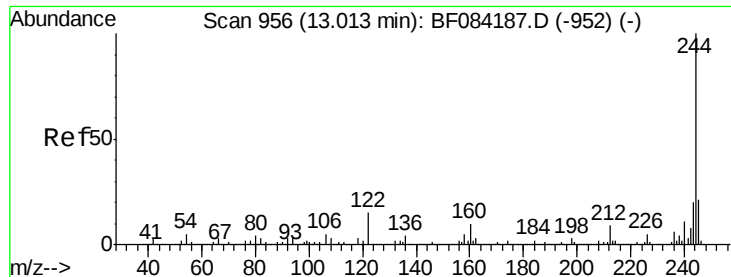
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:240 Resp: 823165
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.0 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

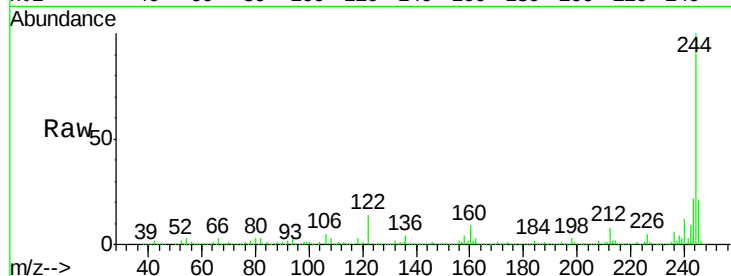




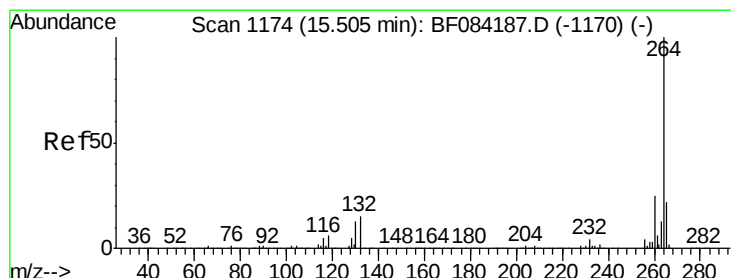
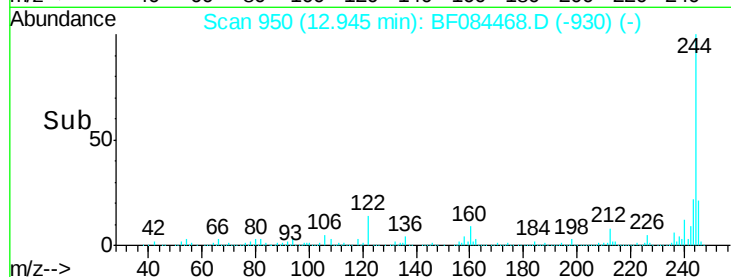
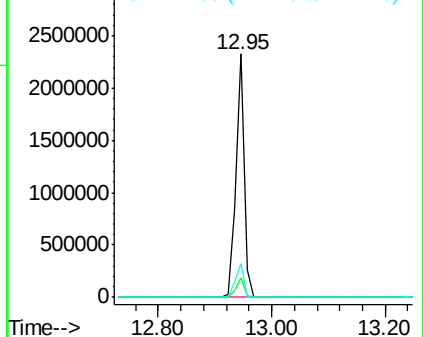
#78
 Terphenyl-d14
 Concen: 64.99 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.07 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 2396724
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 13.8 7.4 11.0#

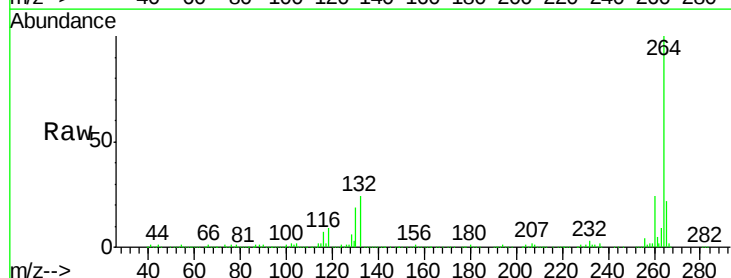


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.10 min
 Lab File: BF084468.D
 Acq: 14 Jan 2016 4:34

Tgt Ion:264 Resp: 627813
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 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

