

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084467.D
 Acq On : 14 Jan 2016 4:06
 Operator : SJ/UM
 Sample : H1113-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-100

Quant Time: Jan 14 11:17:18 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

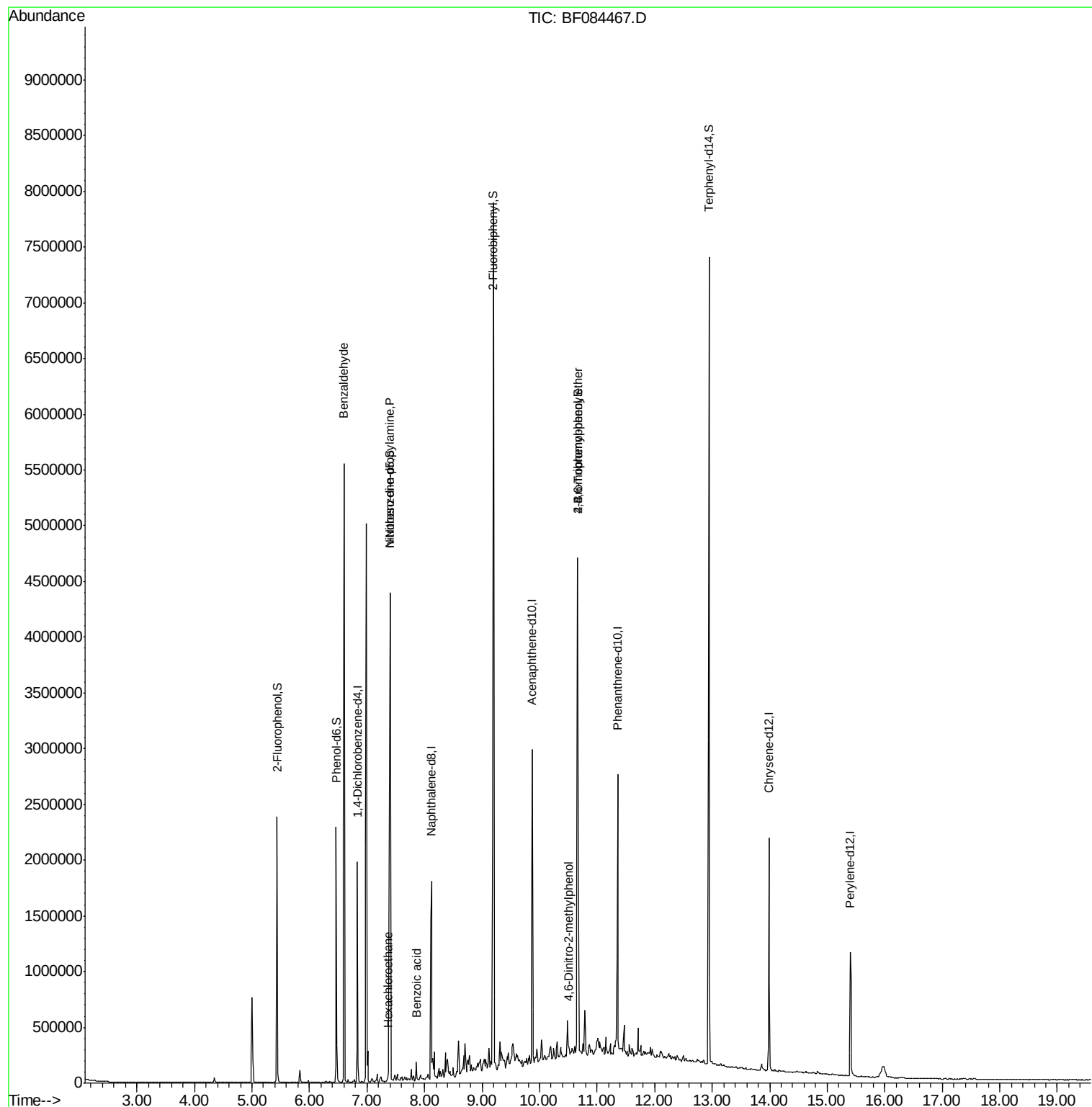
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	265615	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1067297	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	500495	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	936196	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	763851	20.00	ng	-0.08
86) Perylene-d12	15.40	264	577529	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	856028	52.13	ng	-0.06
7) Phenol-d6	6.46	99	685918	33.26	ng	-0.07
23) Nitrobenzene-d5	7.40	82	1663516	86.75	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	642517	127.16	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2287271	80.02	ng	-0.07
78) Terphenyl-d14	12.95	244	2392298	69.91	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.60	77	37765	2.81	ng	# 78
18) Hexachloroethane	7.37	117	17211	2.23	ng	# 10
19) n-Nitroso-di-n-propylamine	7.40	70	227524	16.30	ng	# 77
32) Benzoic acid	7.86	122	3605	6.52	ng	# 1
54) Dibenzofuran	10.08	168	1852	Below	Cal	# 39
57) Fluorene	10.42	166	1217	Below	Cal	# 13
60) 4-Chlorophenyl-phenylether	10.40	204	1904	Below	Cal	# 90
64) 4,6-Dinitro-2-methylphenol	10.50	198	675	6.51	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	37774	3.75	ng	# 1
73) Di-n-butylphthalate	11.93	149	21603	Below	Cal	# 86

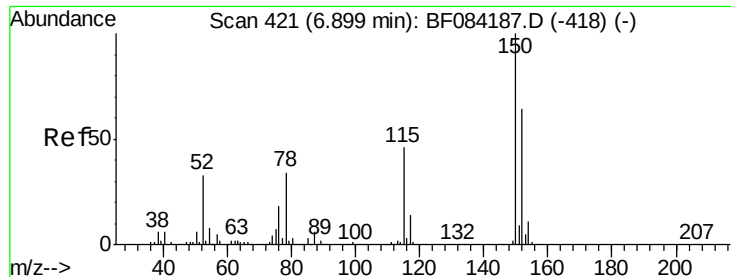
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084467.D
Acq On : 14 Jan 2016 4:06
Operator : SJ/UM
Sample : H1113-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-100

Quant Time: Jan 14 11:17:18 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: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

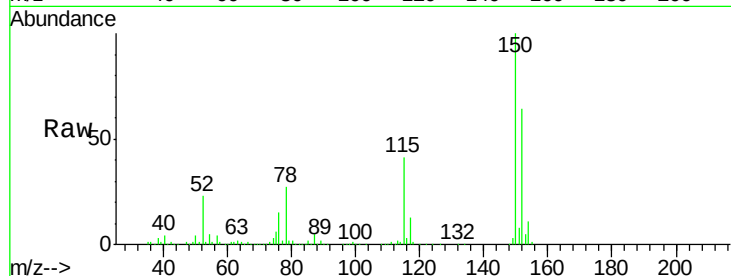
Tot Ion:152 Resp: 265615

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

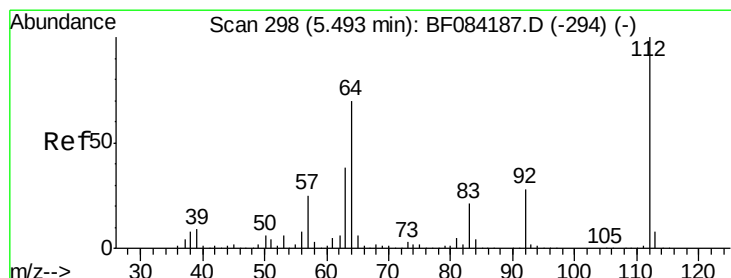
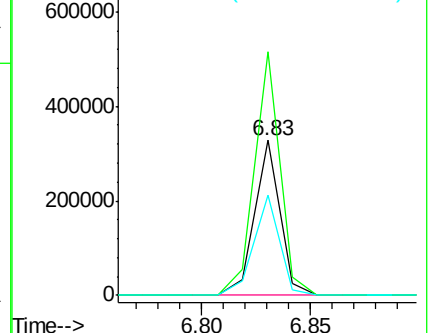
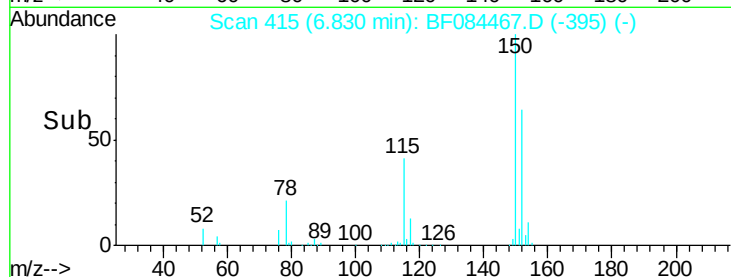
115 64.6 51.4 77.2



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: 52.13 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.06 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

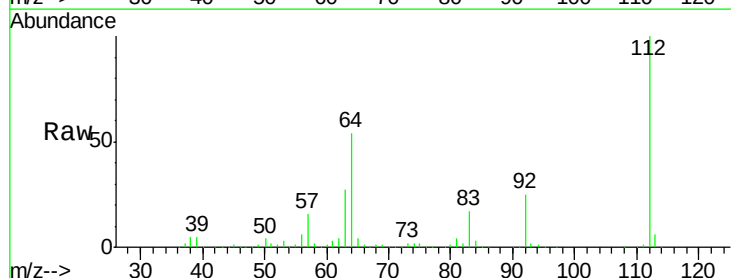
Tgt Ion:112 Resp: 856028

Ion Ratio Lower Upper

112 100

64 54.1 36.6 55.0

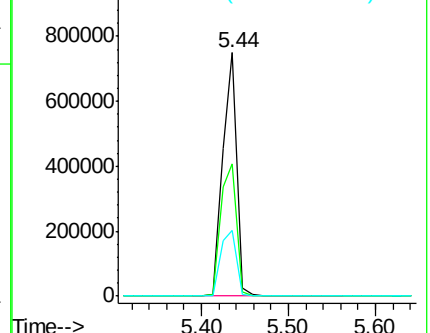
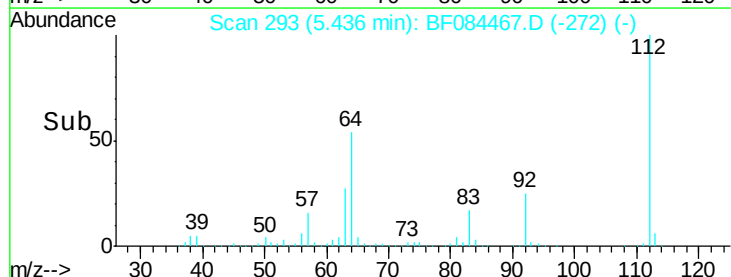
63 26.7 19.4 29.0

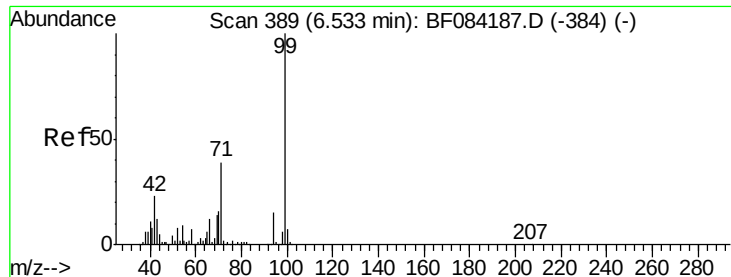


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.26 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

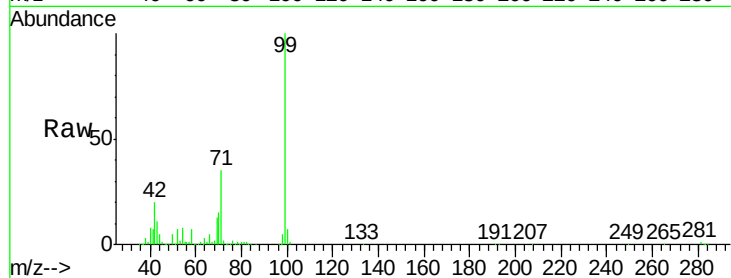
Tot Ion: 99 Resp: 685918

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

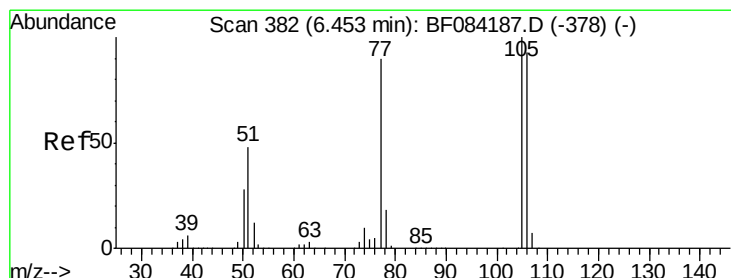
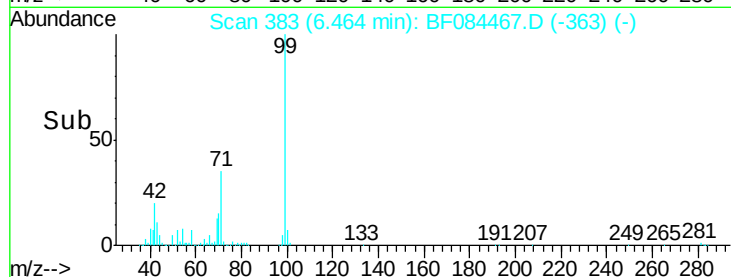
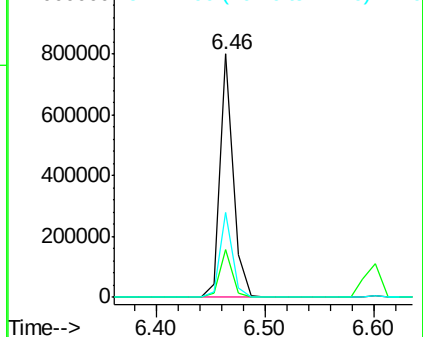
71 34.7 30.9 46.3



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



#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.15 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

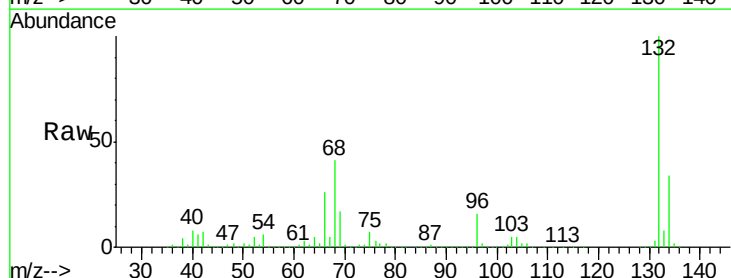
Tgt Ion: 77 Resp: 37765

Ion Ratio Lower Upper

77 100

105 80.9 83.0 123.0#

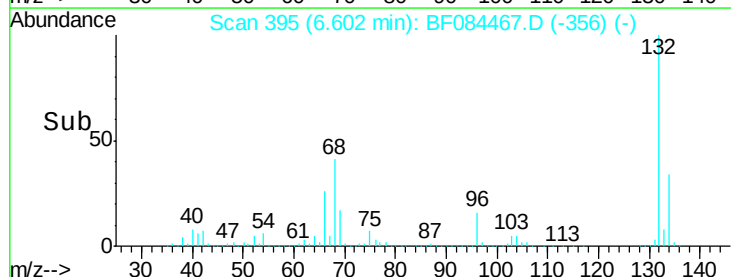
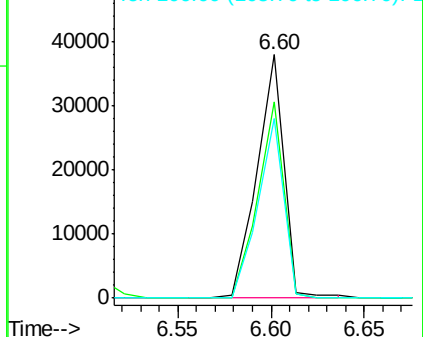
106 73.9 74.6 114.6#

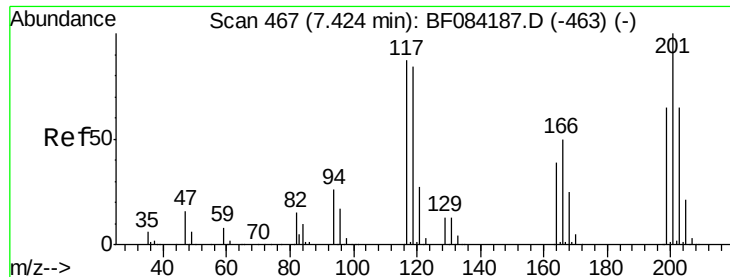


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 2.23 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

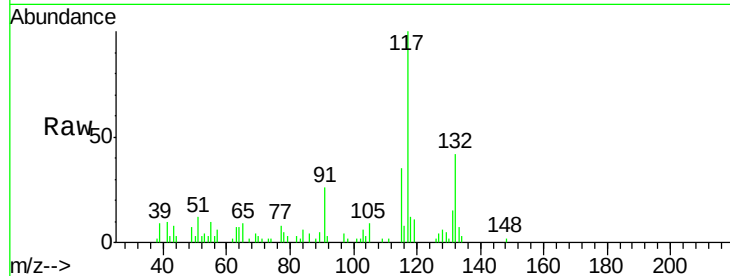
Tot Ion:117 Resp: 17211

Ion Ratio Lower Upper

117 100

119 10.8 77.4 116.0#

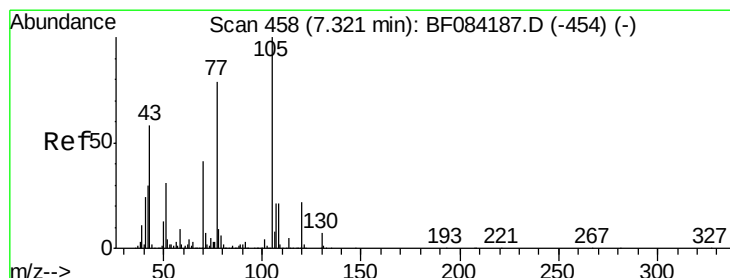
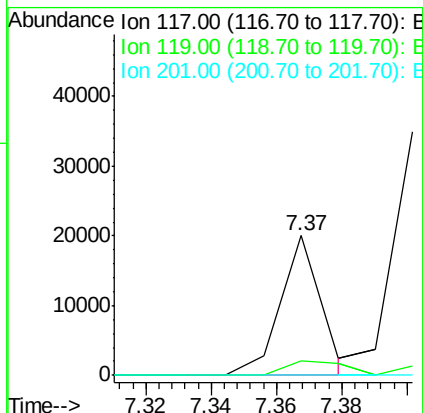
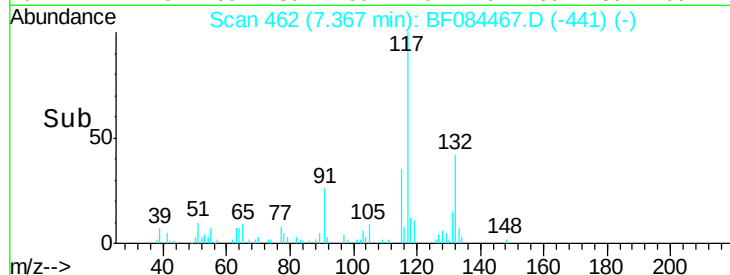
201 0.0 68.6 103.0#



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: 16.30 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Tgt Ion: 70 Resp: 227524

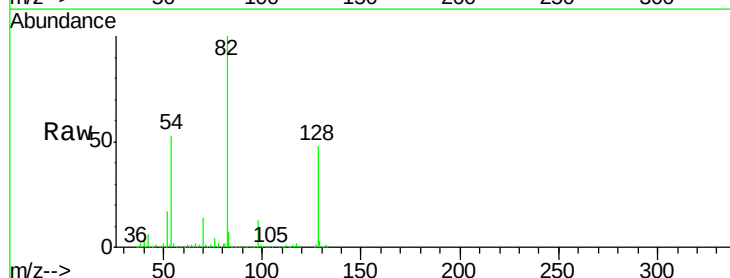
Ion Ratio Lower Upper

70 100

42 42.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

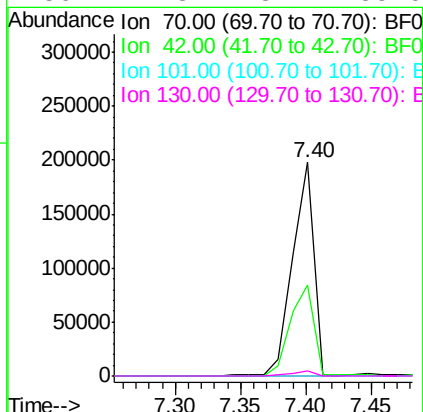
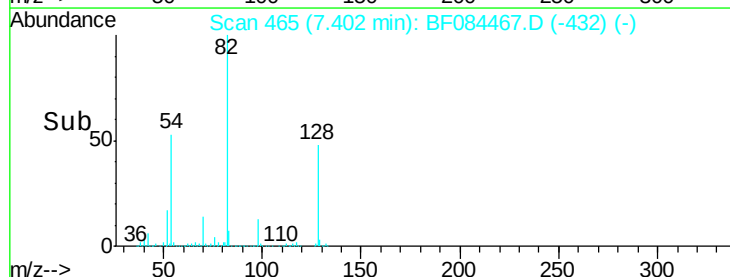


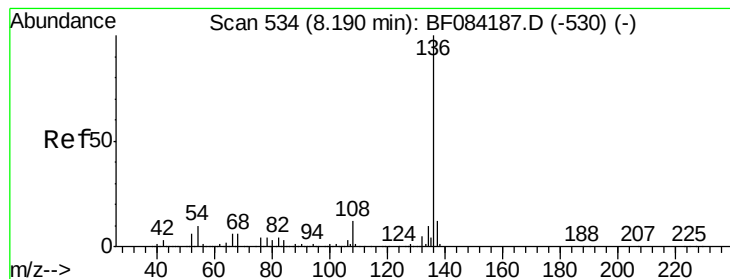
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampled :

MW-100

Tot Ion:136 Resp: 1067297

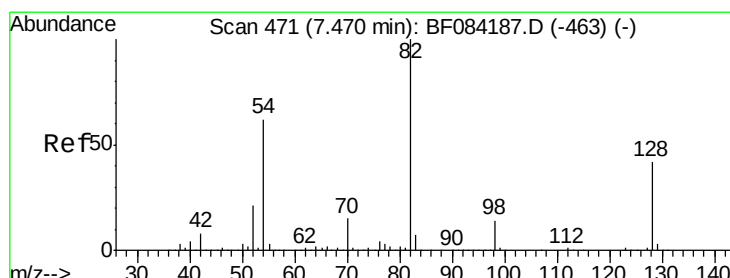
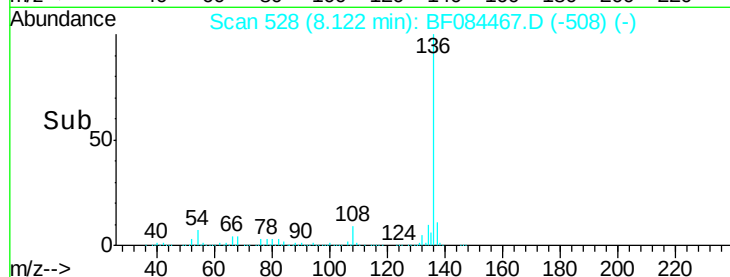
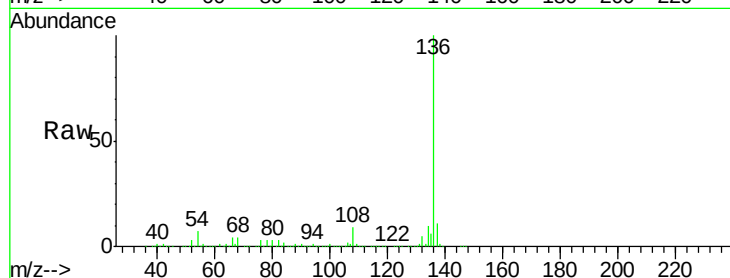
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.8	8.8
68	4.5	4.2	6.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.75 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

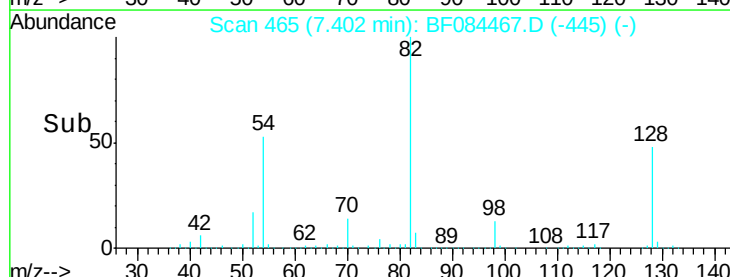
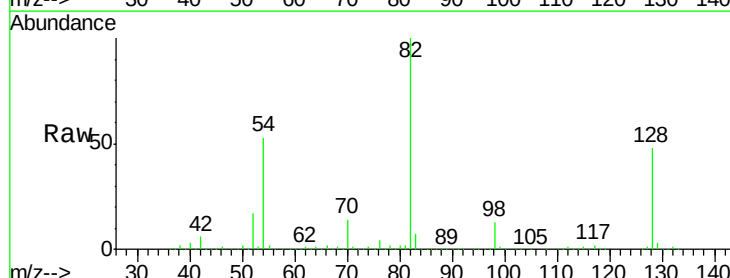
Tgt Ion: 82 Resp: 1663516

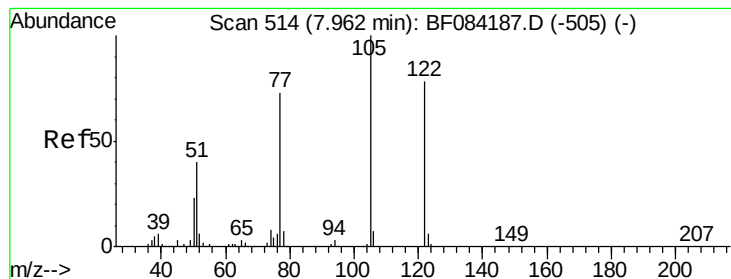
Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.6	51.8
54	53.1	38.4	57.6

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





#32

Benzoic acid

Concen: 6.52 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.10 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

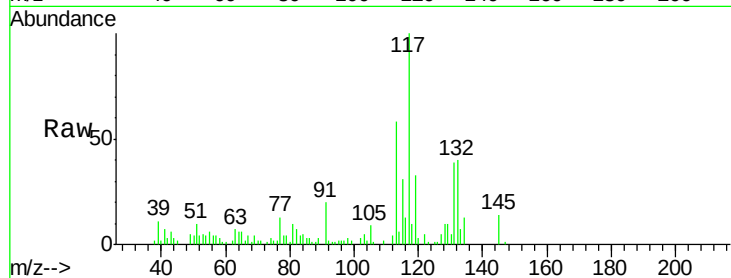
Tot Ion:122 Resp: 3605

Ion Ratio Lower Upper

122 100

105 177.8 100.3 140.3#

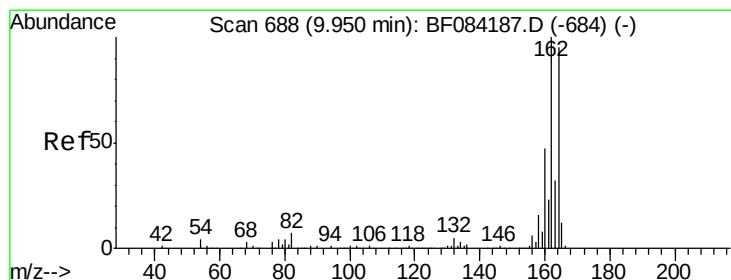
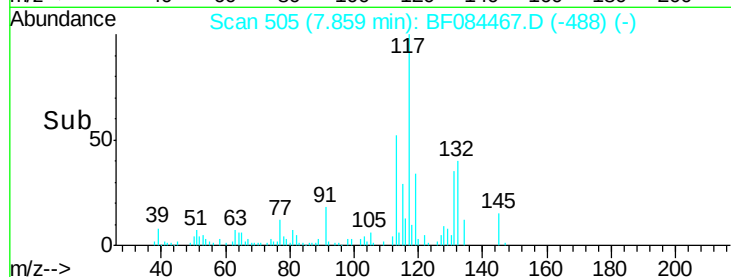
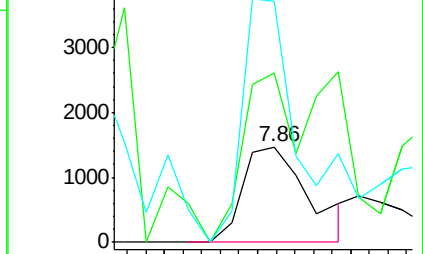
77 253.1 63.5 103.5#



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: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

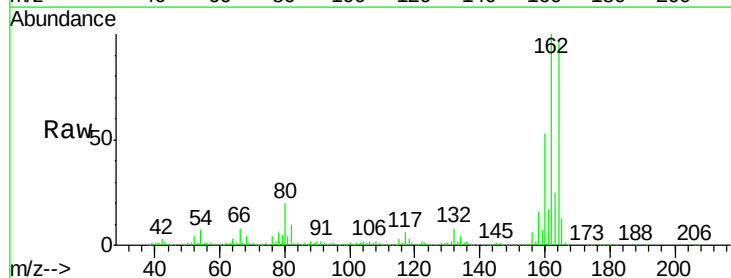
Tgt Ion:164 Resp: 500495

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

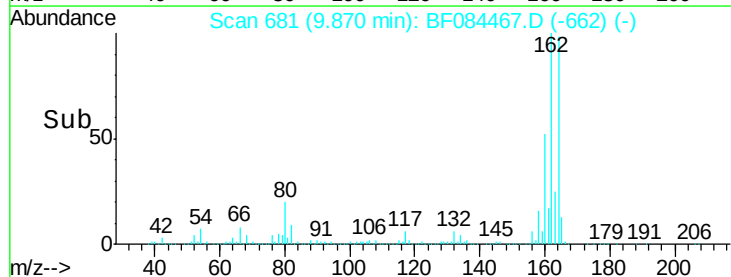
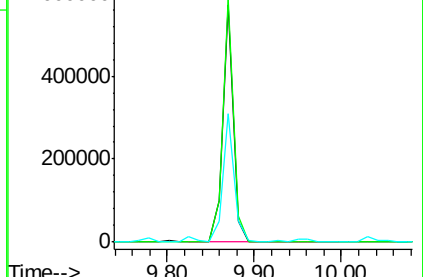
160 54.1 37.5 56.3

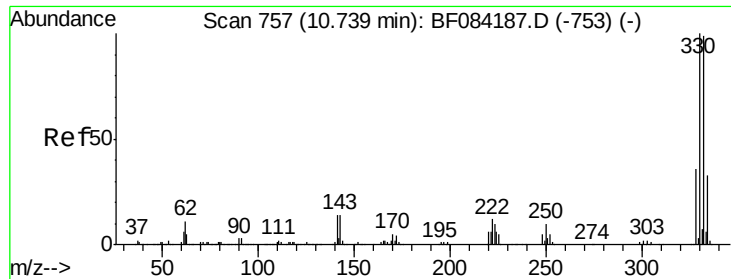


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

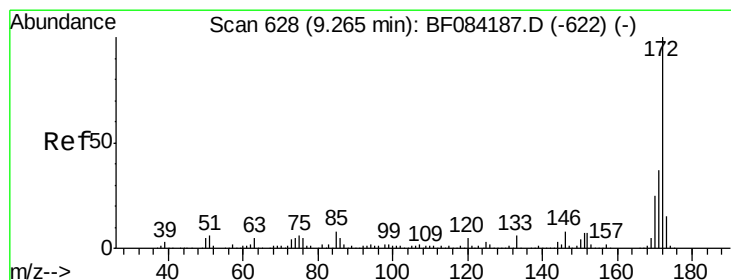
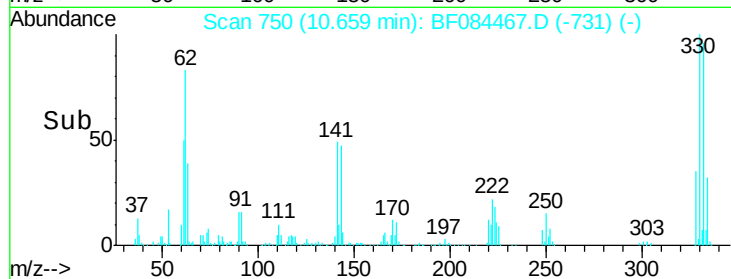
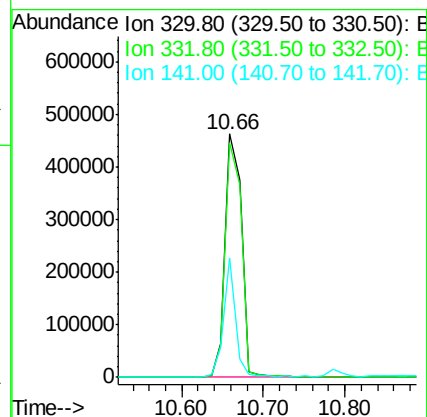
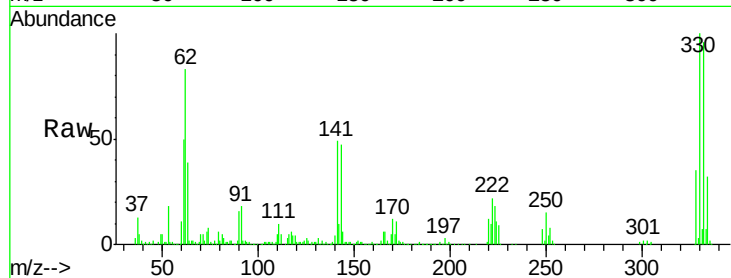




#41
 2,4,6-Tribromophenol
 Concen: 127.16 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.08 min
 Lab File: BF084467.D
 Acq: 14 Jan 2016 4:06

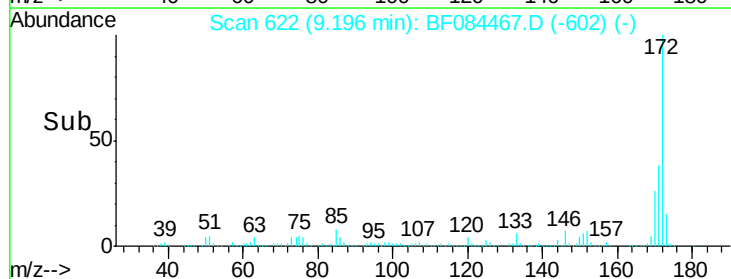
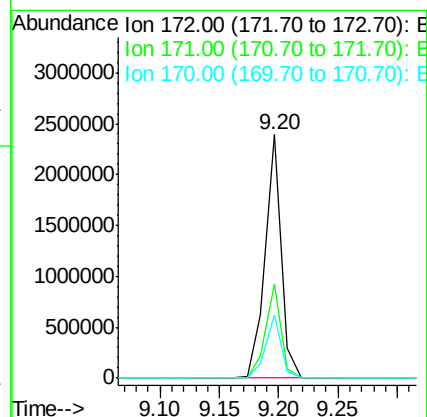
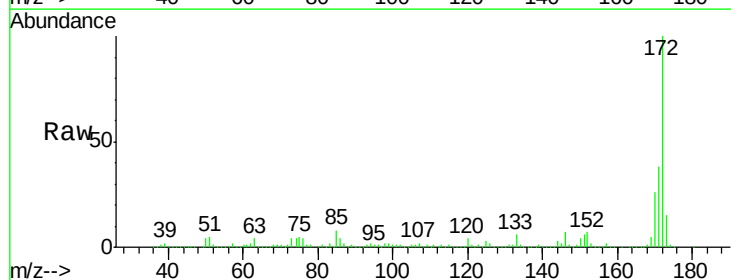
Instrument :
 BNA_F
 ClientSampleId :
 MW-100

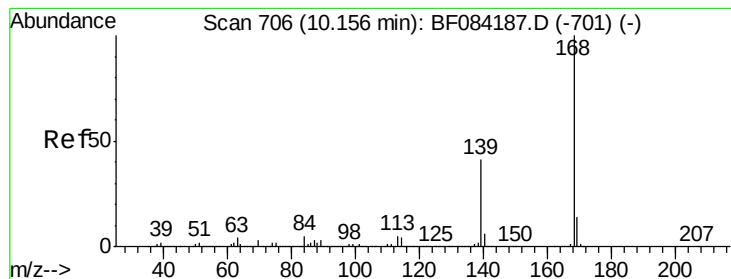
Tot Ion:330 Resp: 642517
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 35.0 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 80.02 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084467.D
 Acq: 14 Jan 2016 4:06

Tgt Ion:172 Resp: 2287271
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.2 18.6 27.8





#54

Dibenzenofuran

Concen: Below Cal

RT: 10.08 min Scan# 699

Delta R.T. -0.08 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

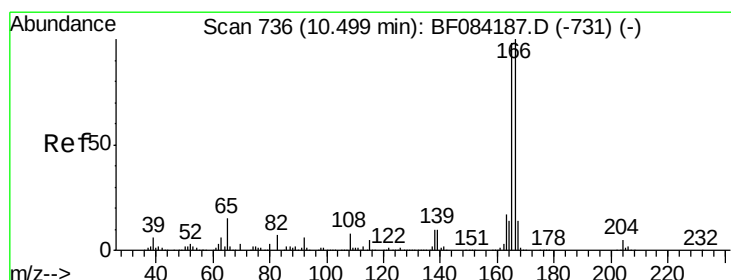
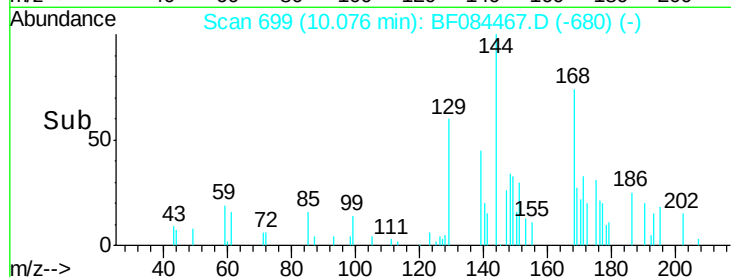
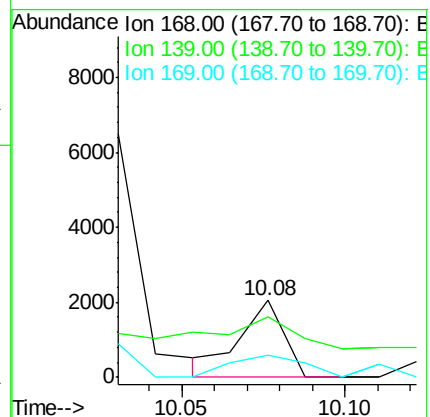
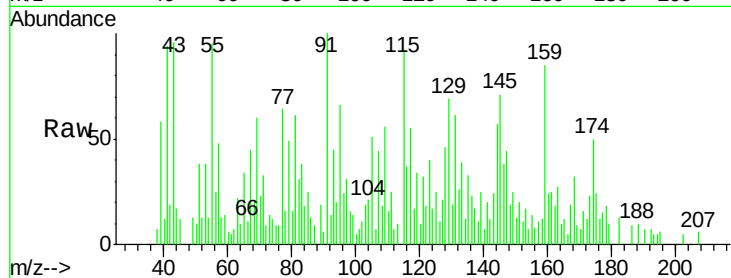
Tot Ion:168 Resp: 1852

Ion Ratio Lower Upper

168 100

139 79.2 30.5 45.7#

169 28.6 10.4 15.6#



#57

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 729

Delta R.T. -0.08 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

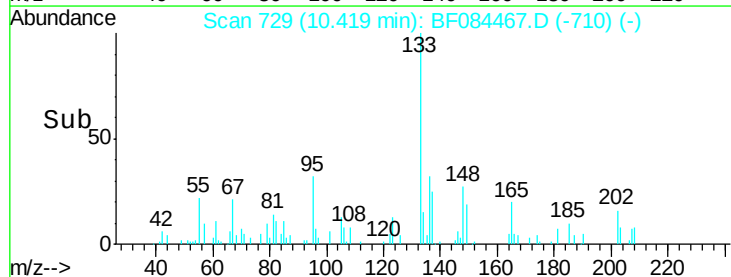
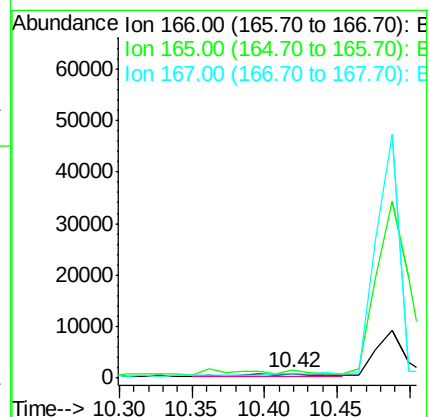
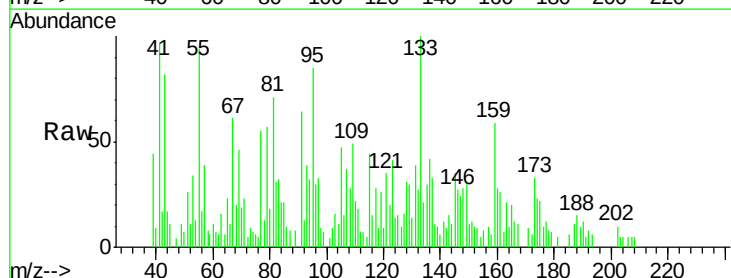
Tgt Ion:166 Resp: 1217

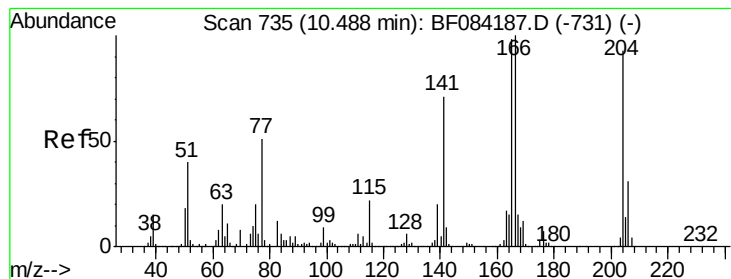
Ion Ratio Lower Upper

166 100

165 170.7 79.1 118.7#

167 93.6 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: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampled :

MW-100

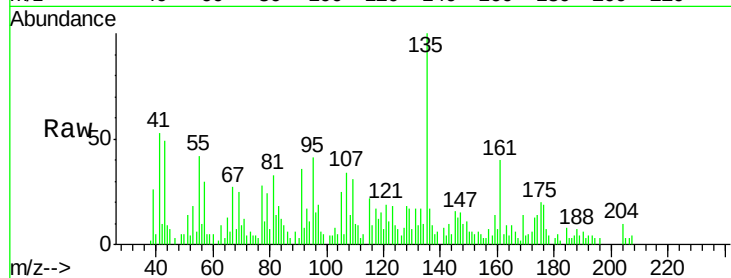
Tot Ion:204 Resp: 1904

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

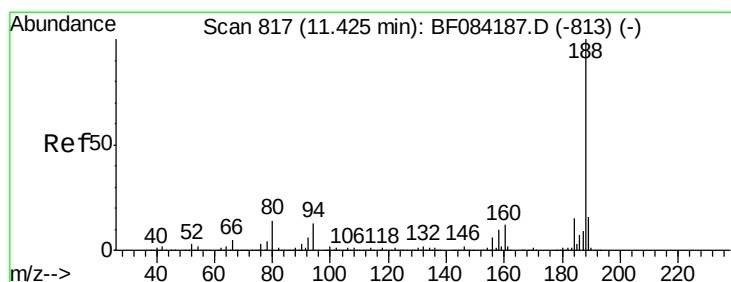
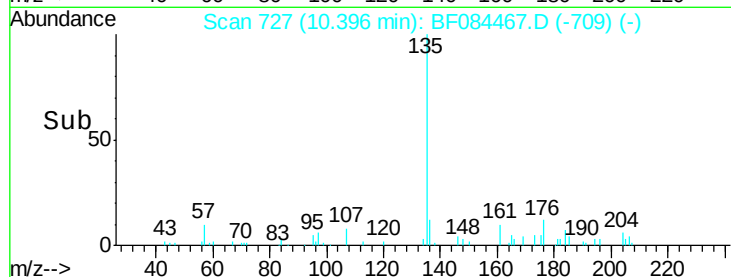
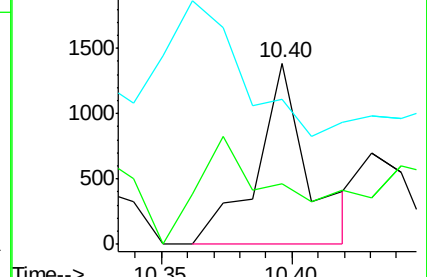
141 80.1 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

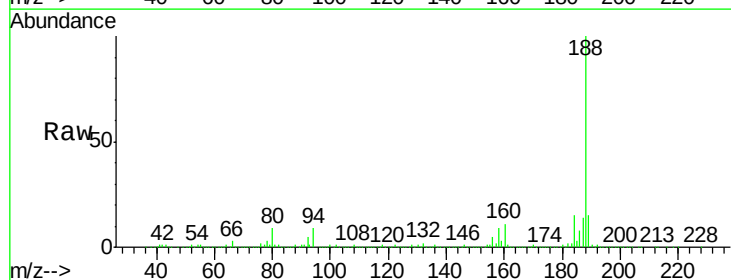
Tgt Ion:188 Resp: 936196

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

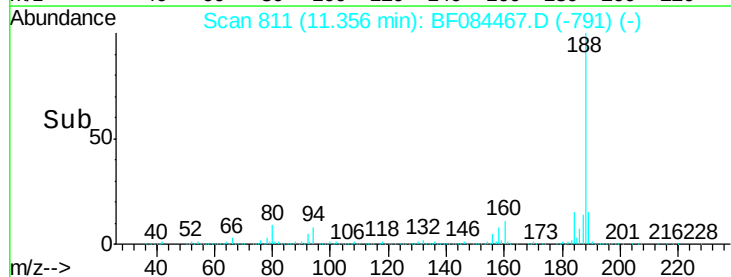
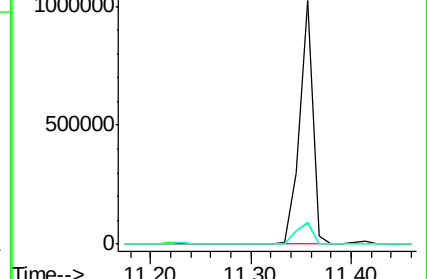
80 9.0 9.6 14.4#

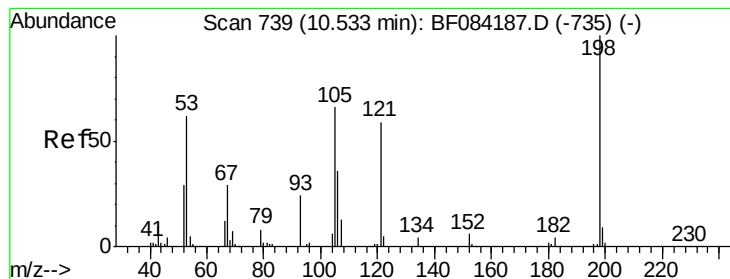


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.51 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

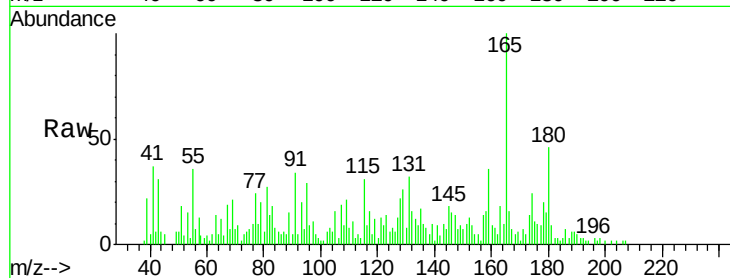
Tot Ion:198 Resp: 675

Ion Ratio Lower Upper

198 100

51 680.9 18.9 58.9#

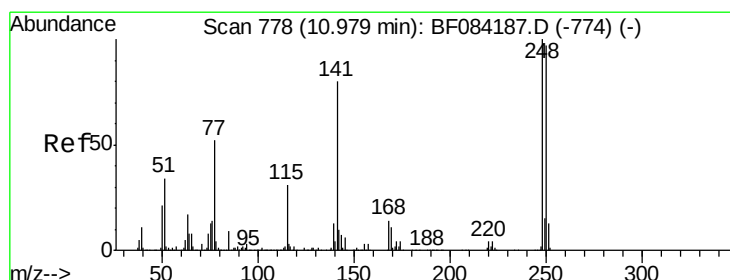
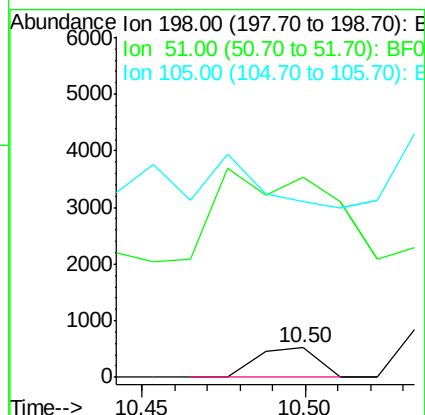
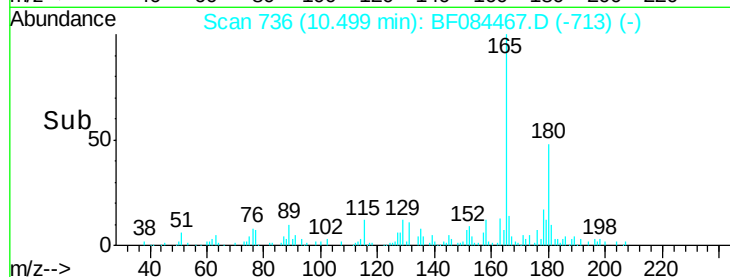
105 598.3 26.4 66.4#



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: 3.75 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.32 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

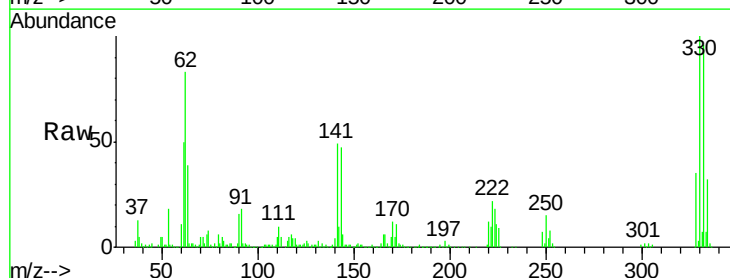
Tgt Ion:248 Resp: 37774

Ion Ratio Lower Upper

248 100

250 204.9 78.4 117.6#

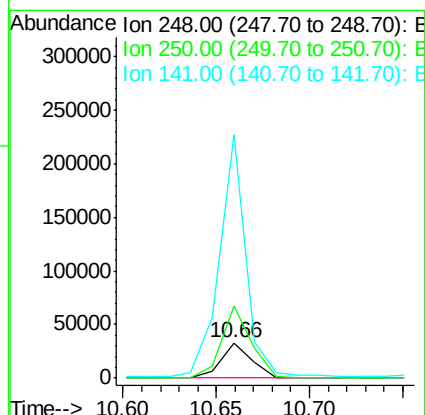
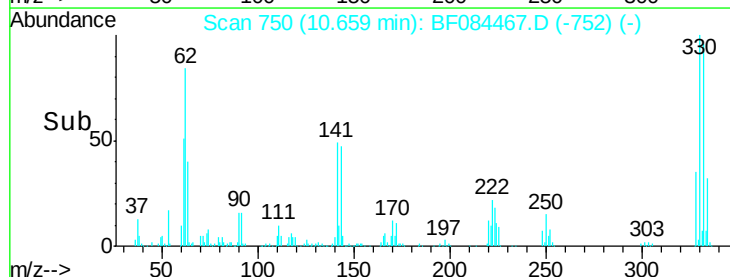
141 688.7 44.0 66.0#

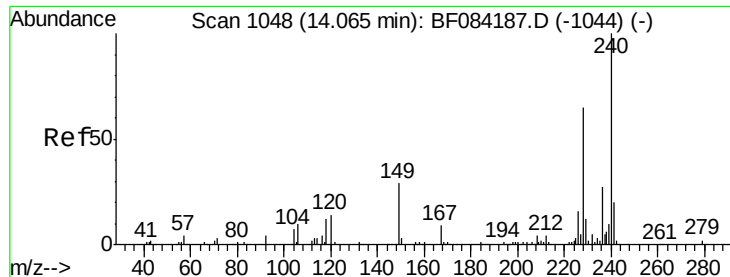


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084467.D

Acq: 14 Jan 2016 4:06

Instrument :

BNA_F

ClientSampleId :

MW-100

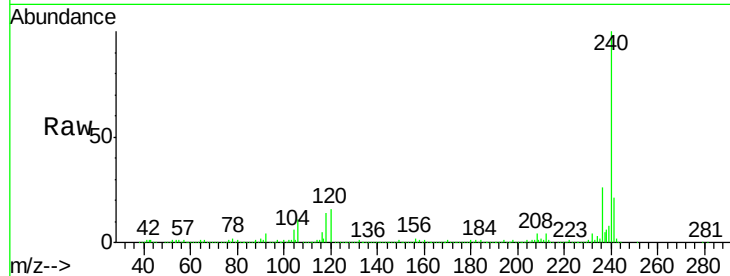
Tot Ion:240 Resp: 763851

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

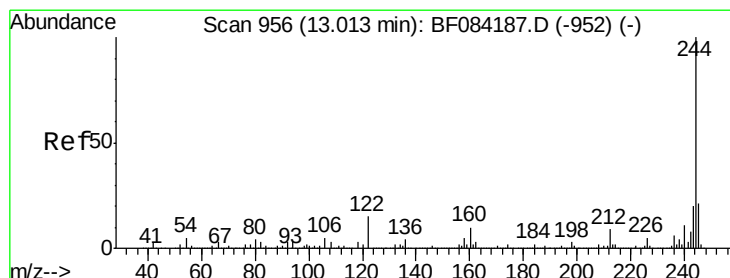
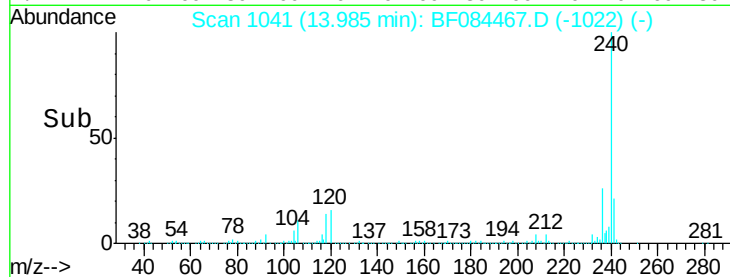
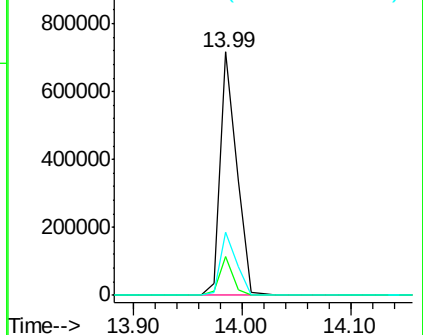
236 25.9 20.6 31.0



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: 69.91 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084467.D

Acq: 14 Jan 2016 4:06

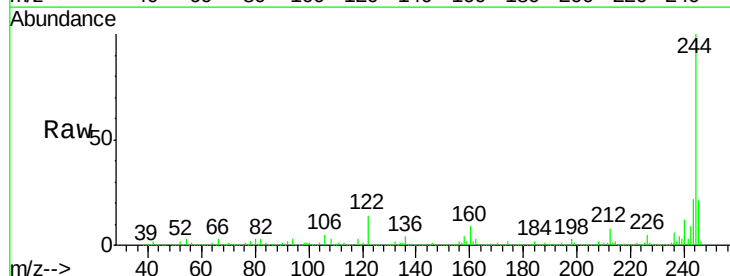
Tgt Ion:244 Resp: 2392298

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

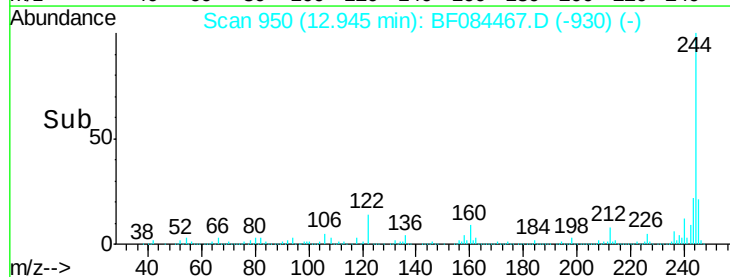
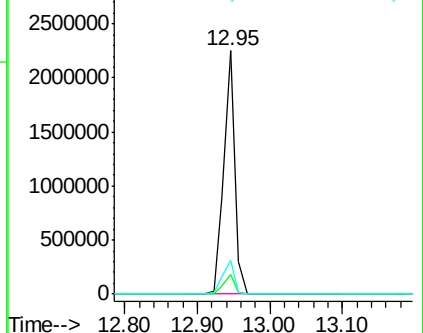
122 14.0 7.4 11.0#

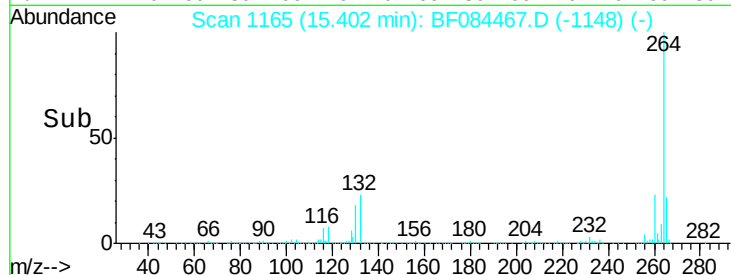
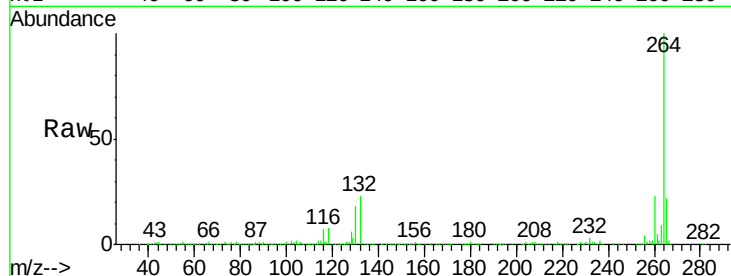
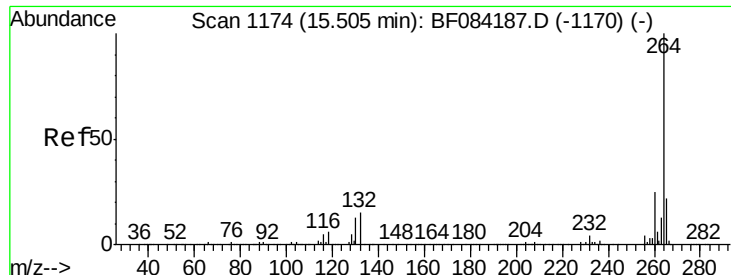


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.10 min
 Lab File: BF084467.D
 Acq: 14 Jan 2016 4:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-100

Tot Ion:	264	Resp:	577529
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.9	17.8	26.6

