

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084404.D
 Acq On : 12 Jan 2016 3:13
 Operator : SJ/UM
 Sample : H1066-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Quant Time: Jan 12 04:50:57 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

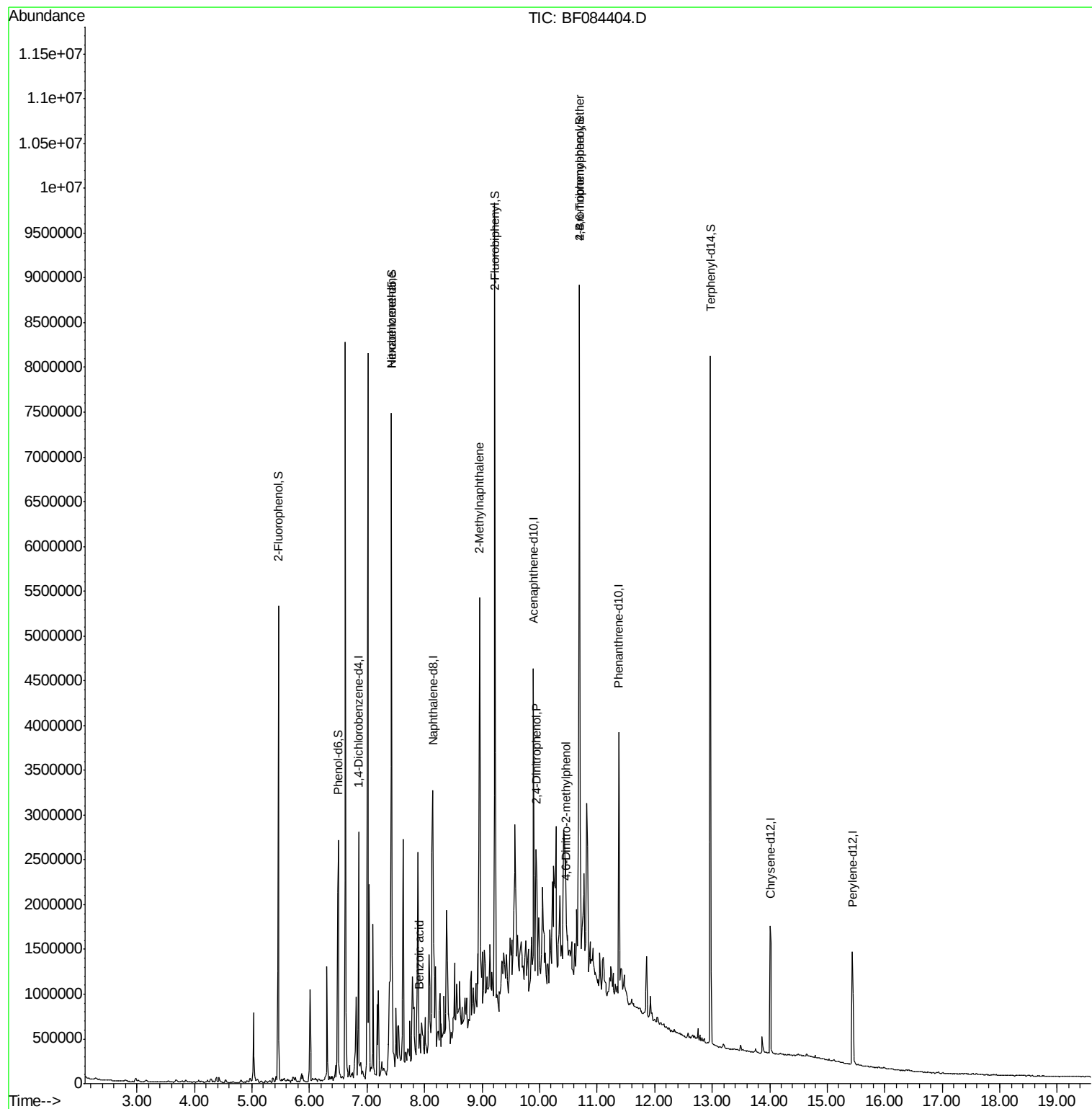
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	372095	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1417914	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	621049	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1018698	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	709866	20.00	ng	-0.05
86) Perylene-d12	15.44	264	621588	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1367576	59.45	ng	-0.03
7) Phenol-d6	6.50	99	1200742	41.56	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2323797	91.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	752444	120.01	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3104830	88.18	ng	-0.04
78) Terphenyl-d14	12.97	244	2349101	73.87	ng	-0.05
Target Compounds						Qvalue
18) Hexachloroethane	7.42	117	505062	46.78	ng	# 9
32) Benzoic acid	7.92	122	4155	6.48	ng	# 1
37) 2-Methylnaphthalene	8.96	142	1116922	24.19	ng	97
53) 2,4-Dinitrophenol	9.94	184	388	3.65	ng	# 1
54) Dibenzofuran	10.10	168	62399	Below Cal	#	92
57) Fluorene	10.44	166	26370	Below Cal	#	87
60) 4-Chlorophenyl-phenylether	10.42	204	3242	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.46	198	2400	6.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	50938	4.65	ng	# 1
73) Di-n-butylphthalate	11.95	149	18829	Below Cal	#	78

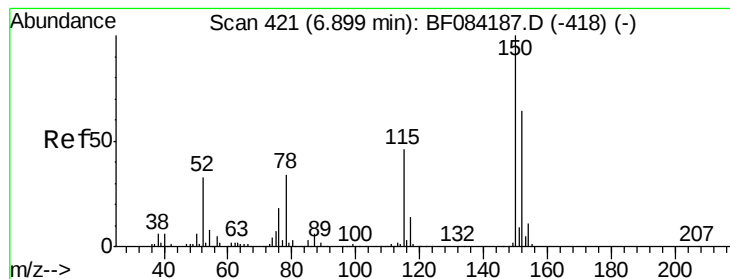
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 04:50:57 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: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampleId :

MW-15R

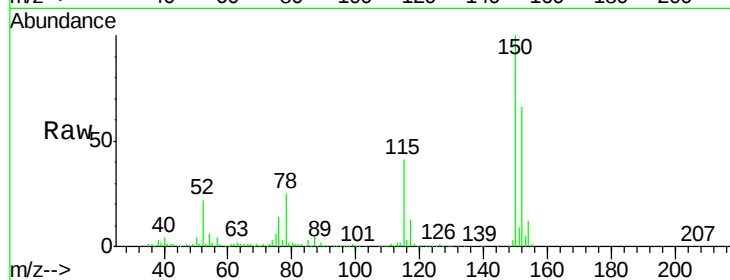
Tgt Ion:152 Resp: 372095

Ion Ratio Lower Upper

152 100

150 150.7 123.0 184.4

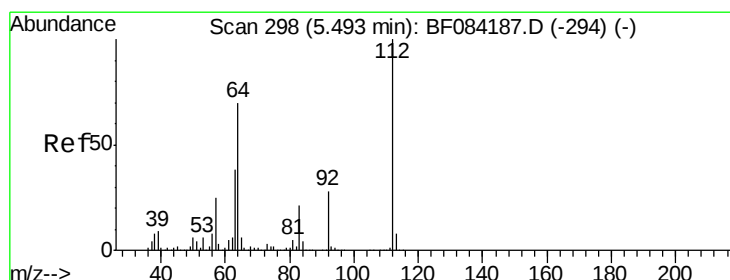
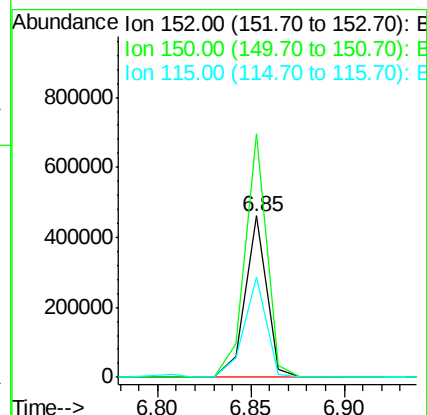
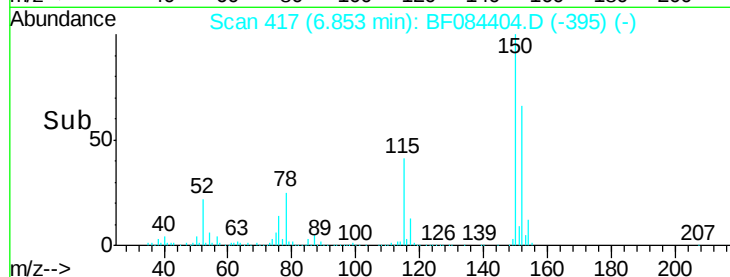
115 62.2 51.4 77.2



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: 59.45 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

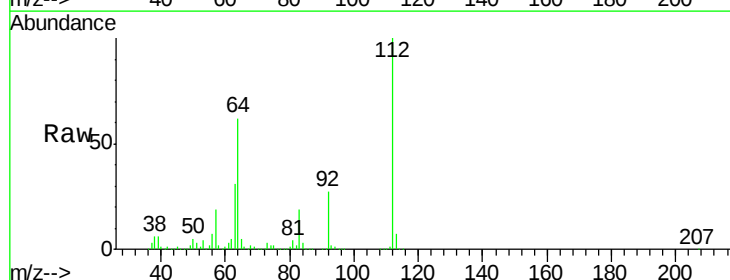
Tgt Ion:112 Resp: 1367576

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

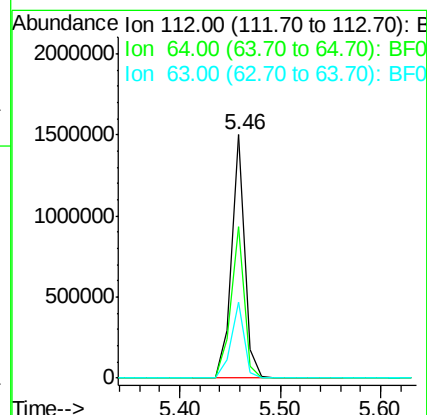
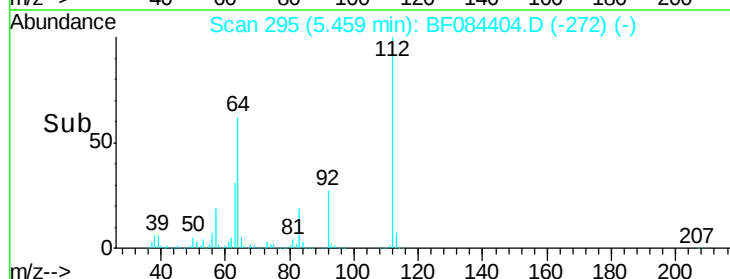
63 31.4 19.4 29.0#

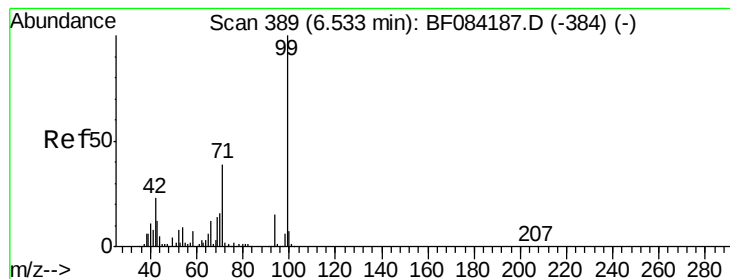


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.56 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampled :

MW-15R

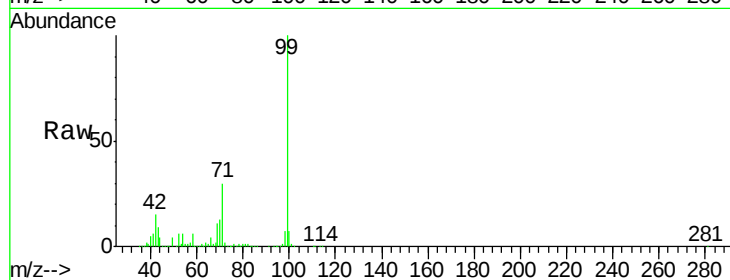
Tgt Ion: 99 Resp: 1200742

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

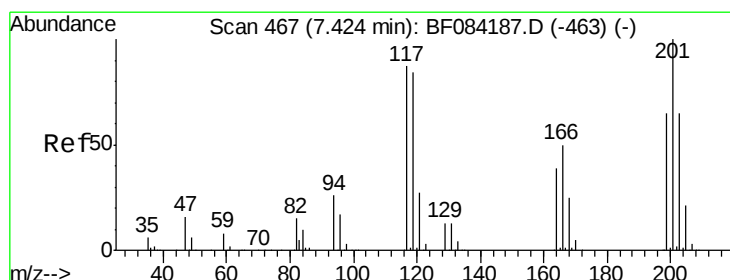
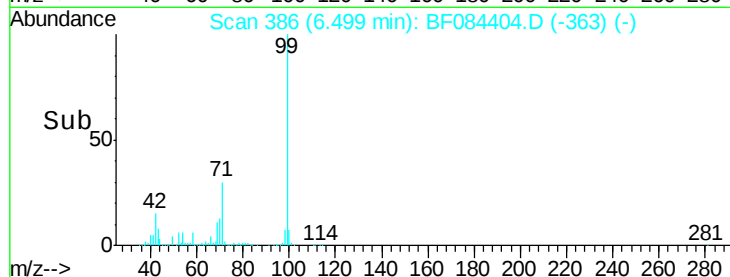
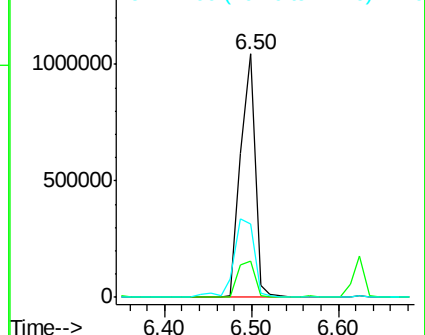
71 30.3 30.9 46.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 46.78 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

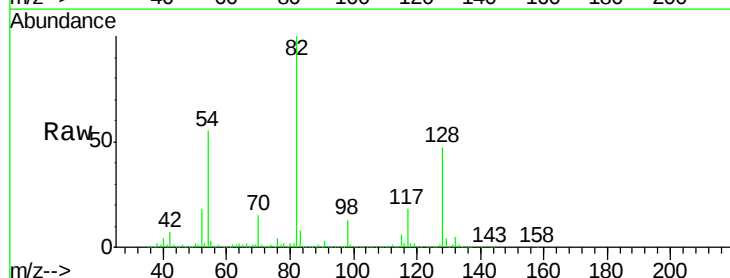
Tgt Ion: 117 Resp: 505062

Ion Ratio Lower Upper

117 100

119 9.0 77.4 116.0#

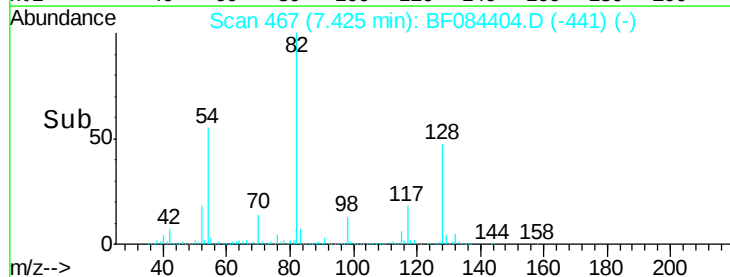
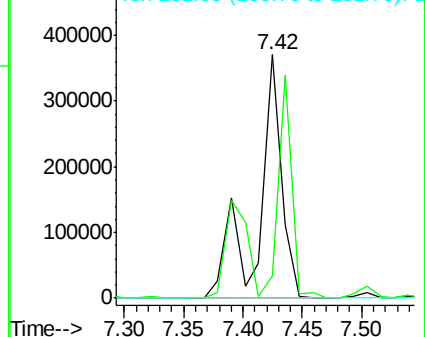
201 0.0 68.6 103.0#



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampleId :

MW-15R

Tgt Ion:136 Resp: 1417914

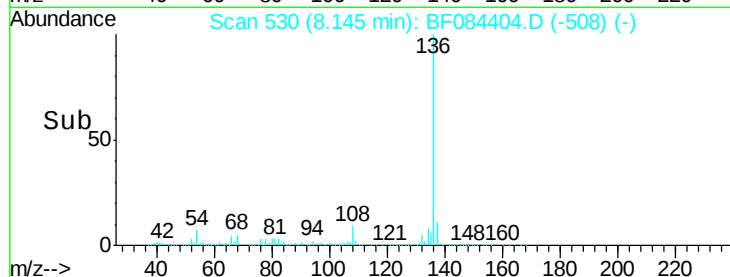
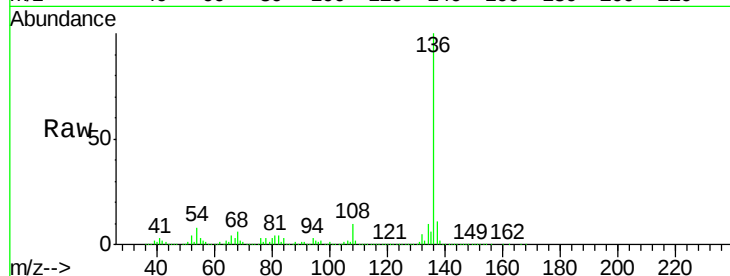
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 5.8 8.8

68 5.8 4.2 6.2

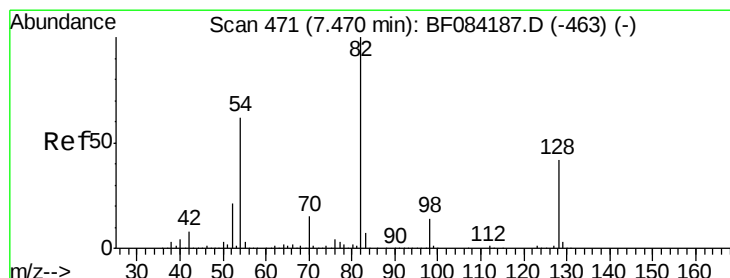
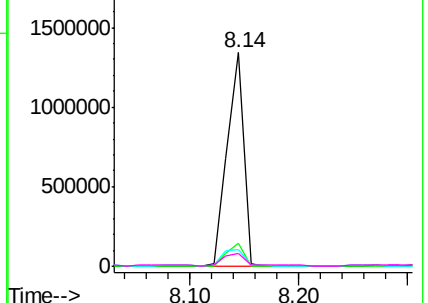


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.21 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

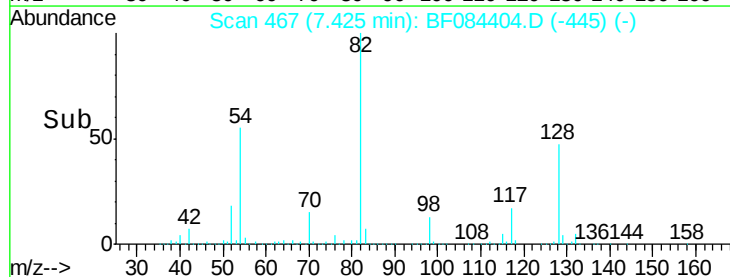
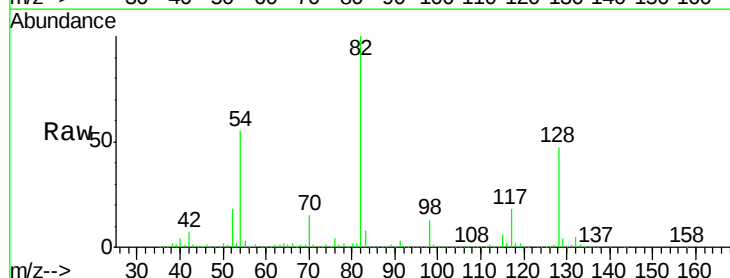
Tgt Ion: 82 Resp: 2323797

Ion Ratio Lower Upper

82 100

128 46.8 34.6 51.8

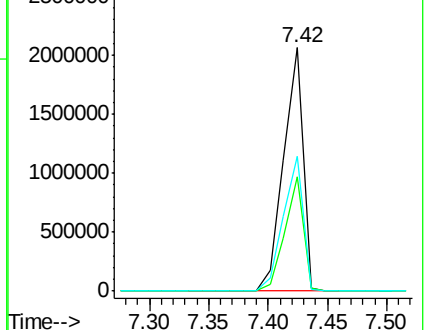
54 55.2 38.4 57.6

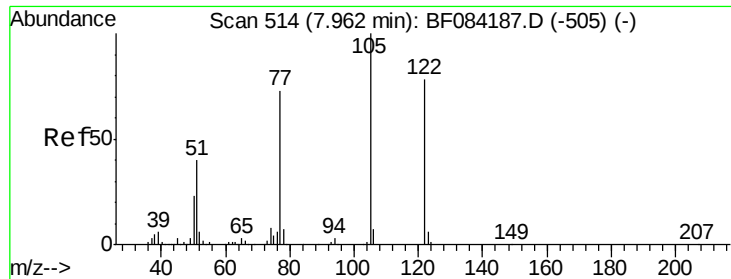


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

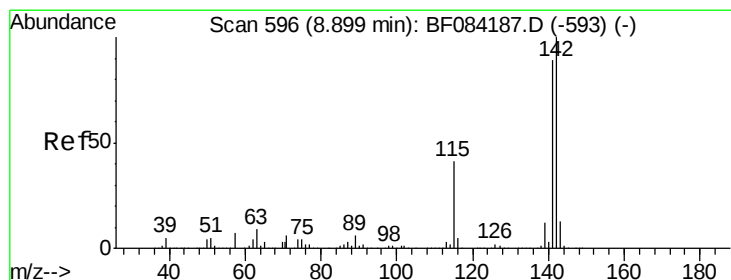
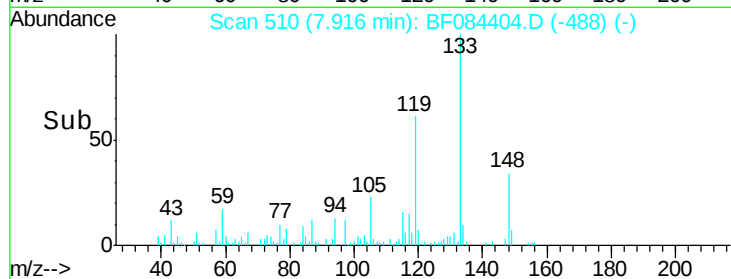
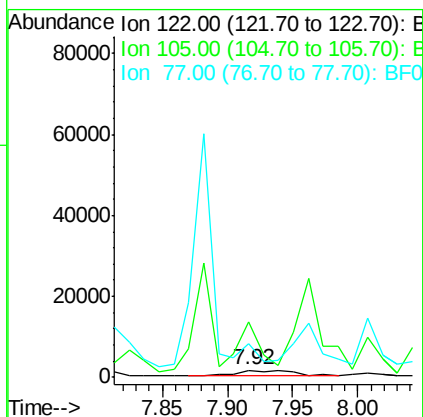
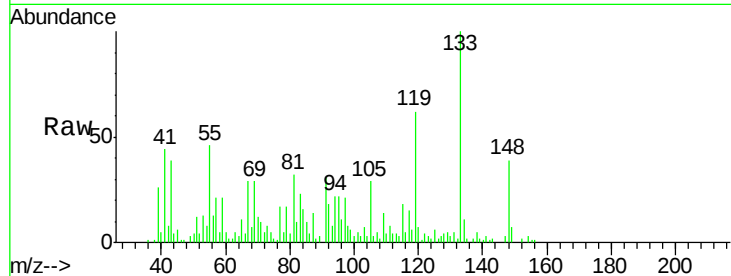




#32
Benzoic acid
Concen: 6.48 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084404.D
Acq: 12 Jan 2016 3:13

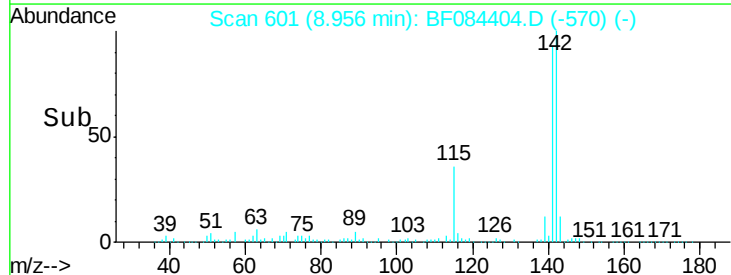
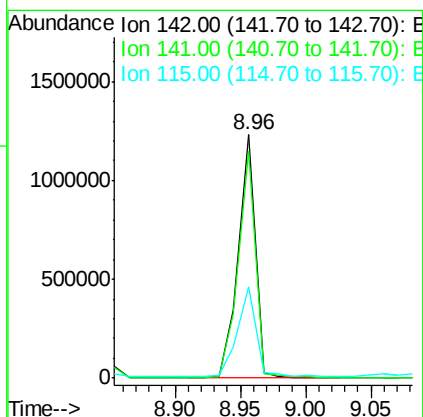
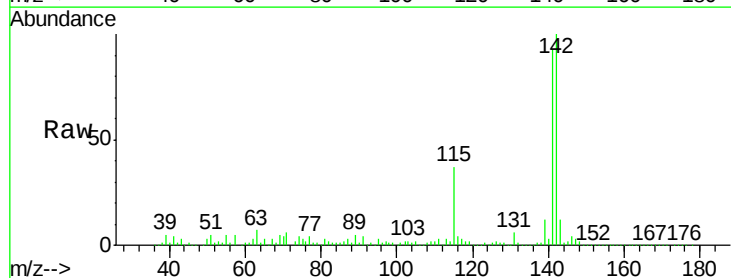
Instrument :
BNA_F
ClientSampleId :
MW-15R

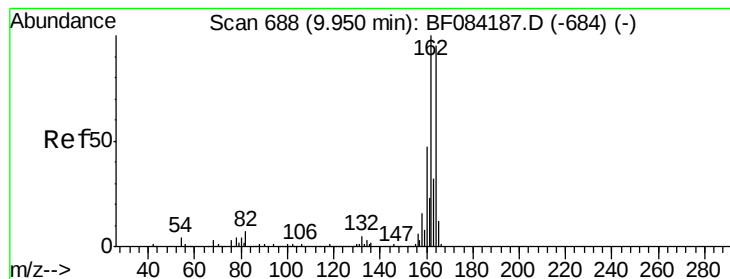
Tgt Ion:122 Resp: 4155
Ion Ratio Lower Upper
122 100
105 778.4 100.3 140.3#
77 467.2 63.5 103.5#



#37
2-Methylnaphthalene
Concen: 24.19 ng
RT: 8.96 min Scan# 601
Delta R.T. 0.06 min
Lab File: BF084404.D
Acq: 12 Jan 2016 3:13

Tgt Ion:142 Resp: 1116922
Ion Ratio Lower Upper
142 100
141 93.1 72.4 108.6
115 37.3 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampled :

MW-15R

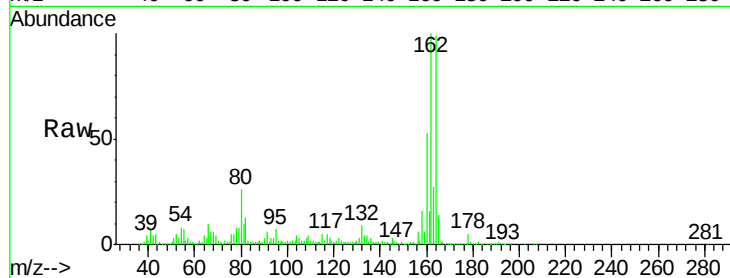
Tgt Ion:164 Resp: 621049

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

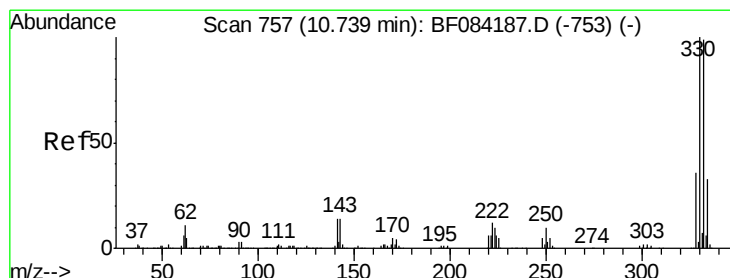
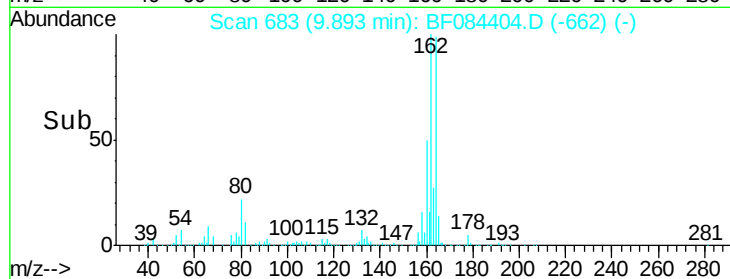
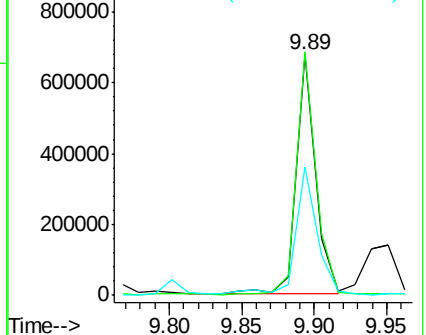
160 53.5 37.5 56.3



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: 120.01 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

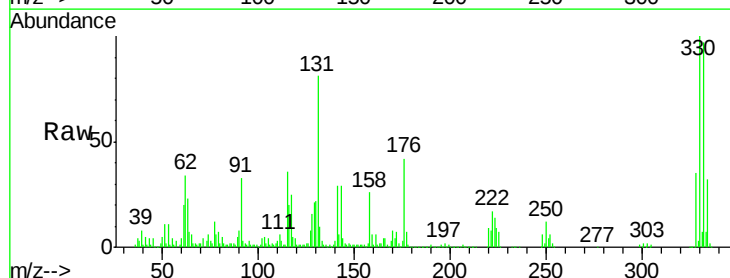
Tgt Ion:330 Resp: 752444

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

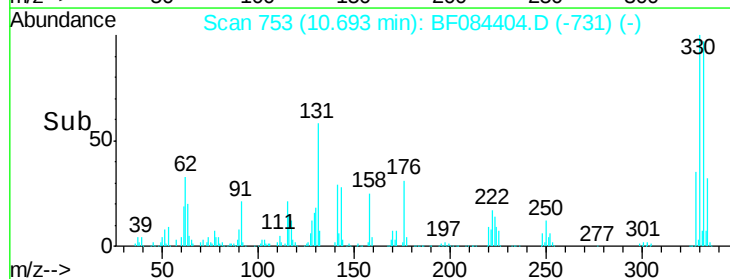
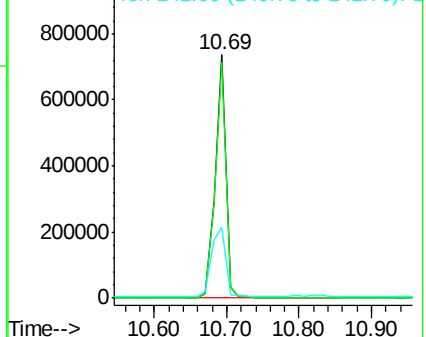
141 38.0 27.8 41.6

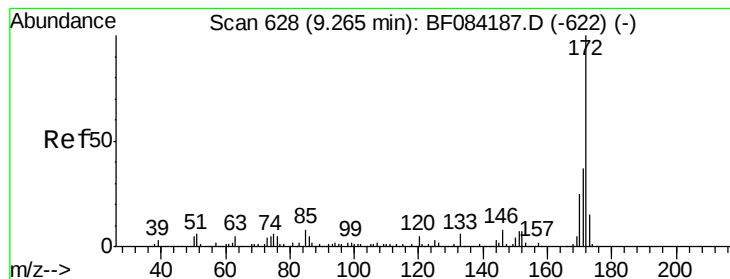


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 88.18 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampleId :

MW-15R

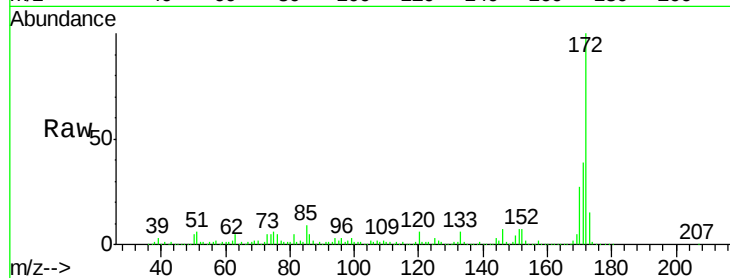
Tgt Ion:172 Resp: 3104830

Ion Ratio Lower Upper

172 100

171 39.1 28.9 43.3

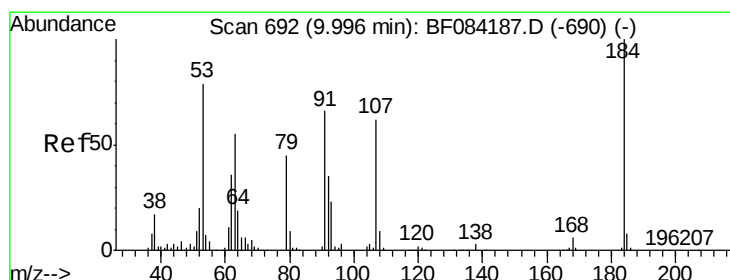
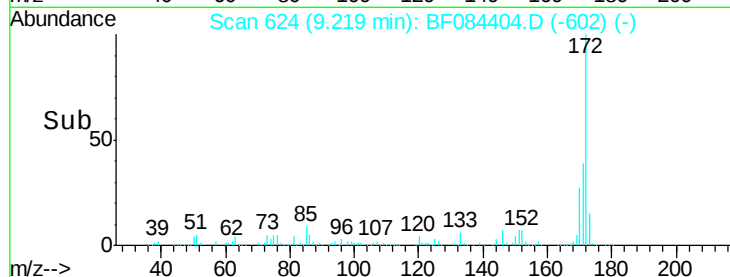
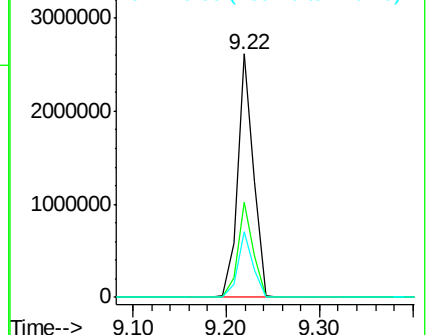
170 26.8 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#53

2,4-Dinitrophenol

Concen: 3.65 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.06 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

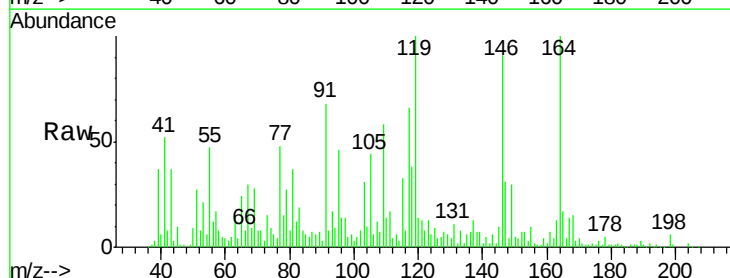
Tgt Ion:184 Resp: 388

Ion Ratio Lower Upper

184 100

63 3385.8 43.1 64.7#

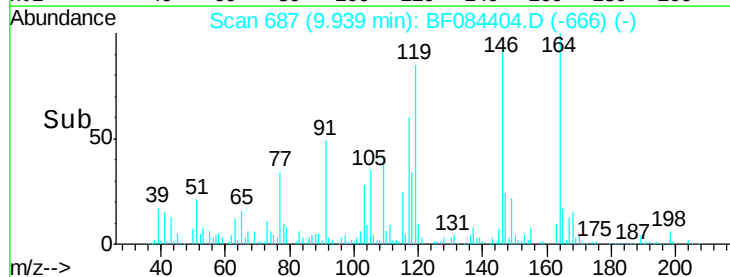
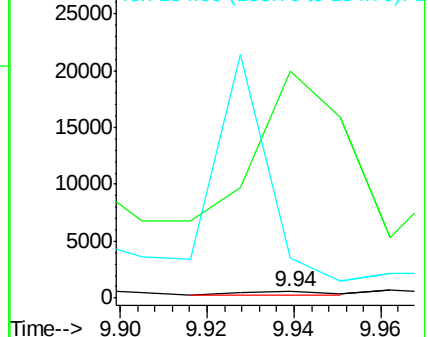
154 596.3 60.5 90.7#

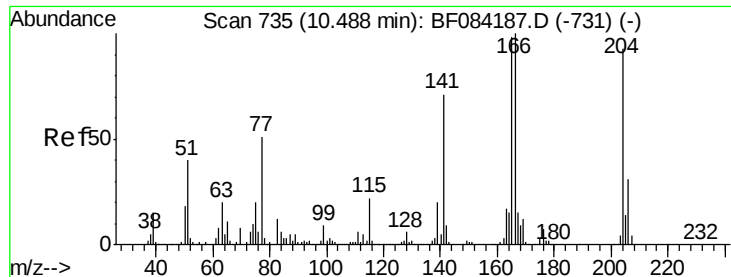


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampled :

MW-15R

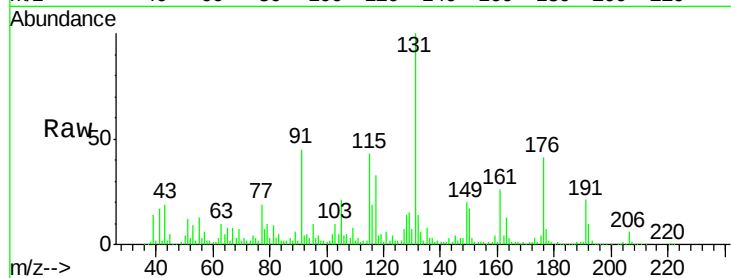
Tgt Ion:204 Resp: 3242

Ion Ratio Lower Upper

204 100

206 489.9 25.7 38.5#

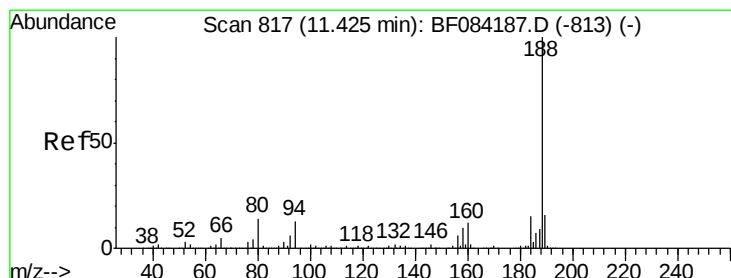
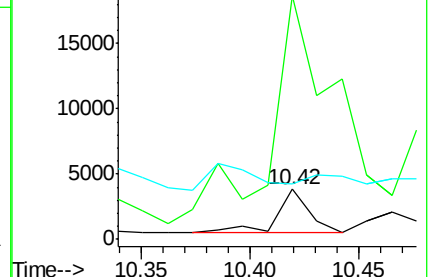
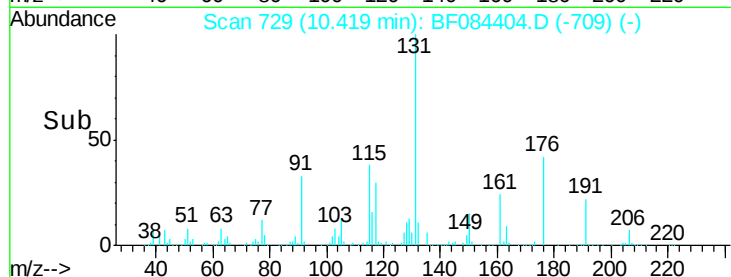
141 111.5 55.1 82.7#



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

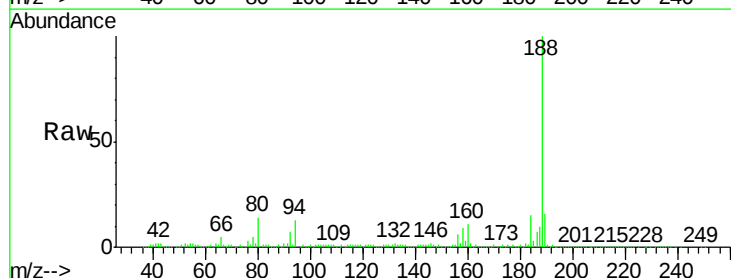
Tgt Ion:188 Resp: 1018698

Ion Ratio Lower Upper

188 100

94 13.1 9.0 13.4

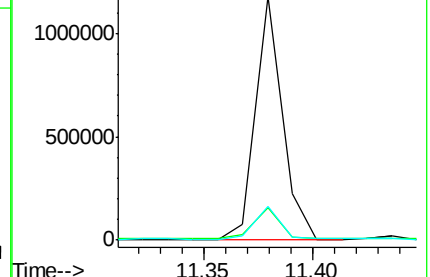
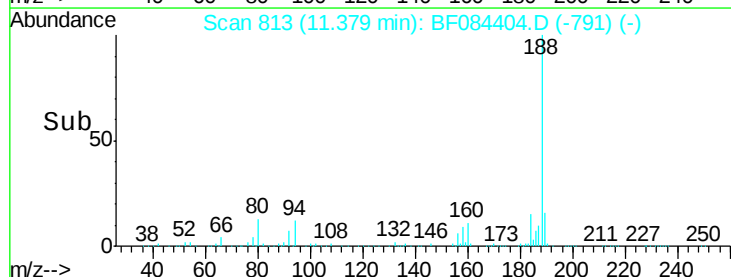
80 13.7 9.6 14.4

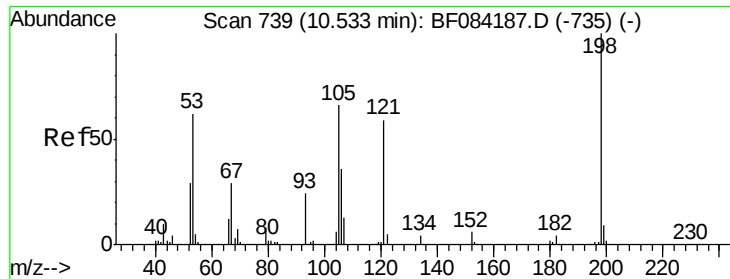


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

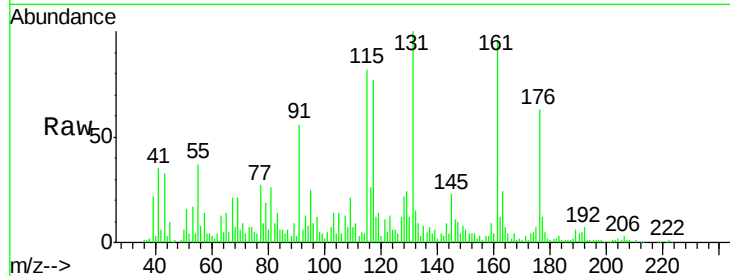




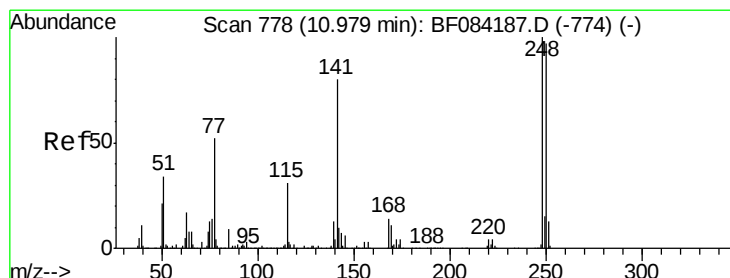
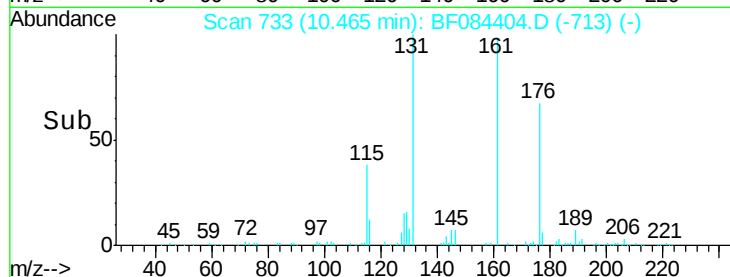
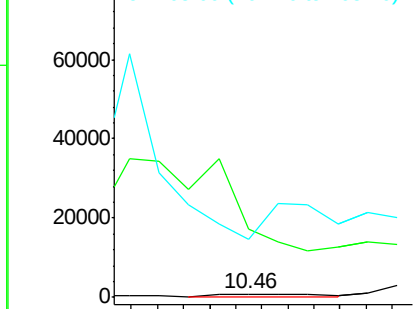
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.71 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF084404.D
 Acq: 12 Jan 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Tgt Ion:198 Resp: 2400
 Ion Ratio Lower Upper
 198 100
 51 2048.0 18.9 58.9#
 105 1746.7 26.4 66.4#

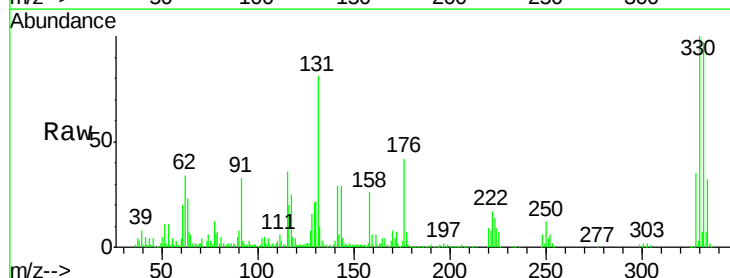


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

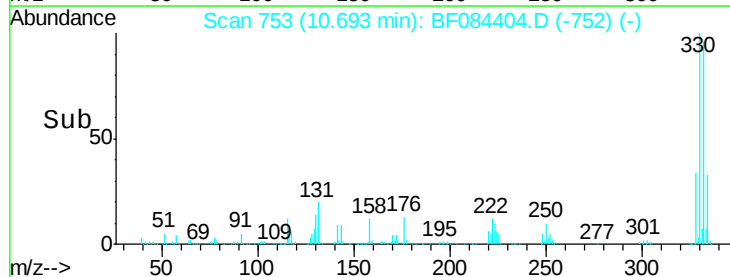
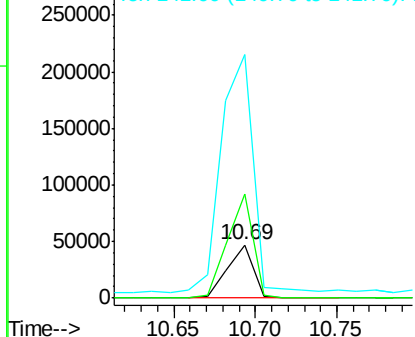


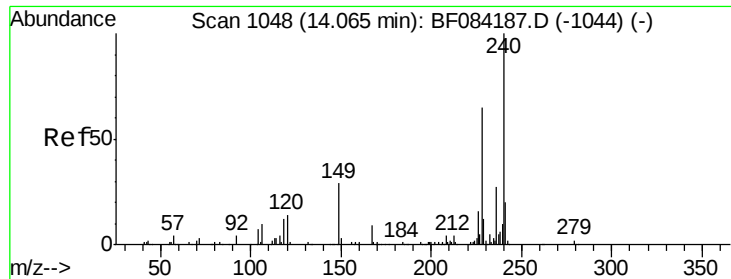
#66
 4-Bromophenyl-phenylether
 Concen: 4.65 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084404.D
 Acq: 12 Jan 2016 3:13

Tgt Ion:248 Resp: 50938
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.4 117.6#
 141 458.9 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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

Instrument :

BNA_F

ClientSampleId :

MW-15R

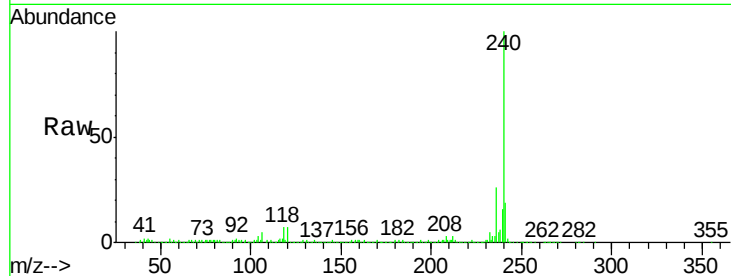
Tgt Ion:240 Resp: 709866

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

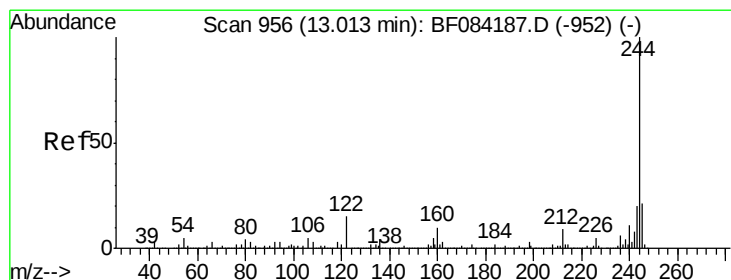
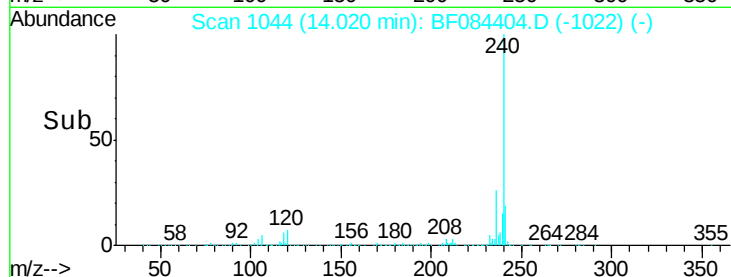
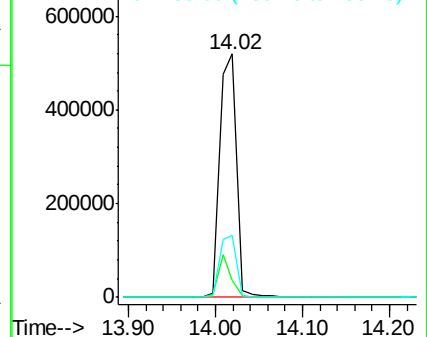
236 25.6 20.6 31.0



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: 73.87 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084404.D

Acq: 12 Jan 2016 3:13

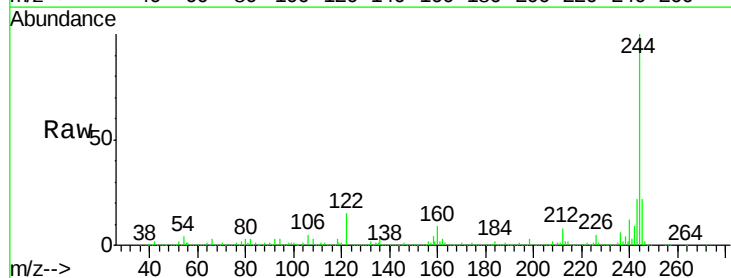
Tgt Ion:244 Resp: 2349101

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

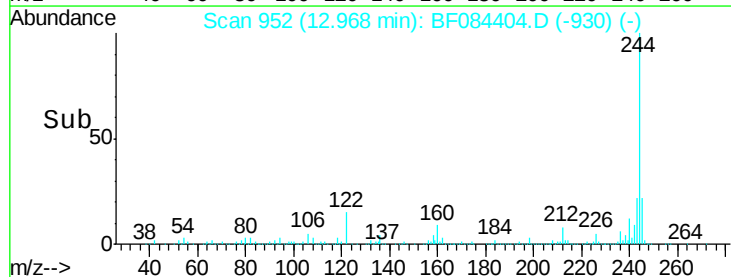
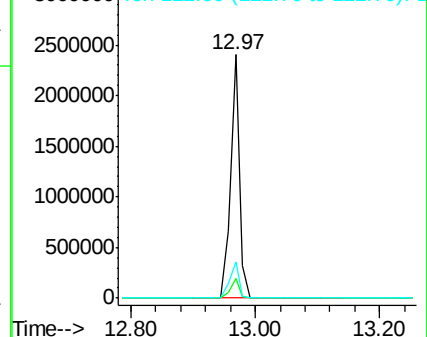
122 14.7 7.4 11.0#

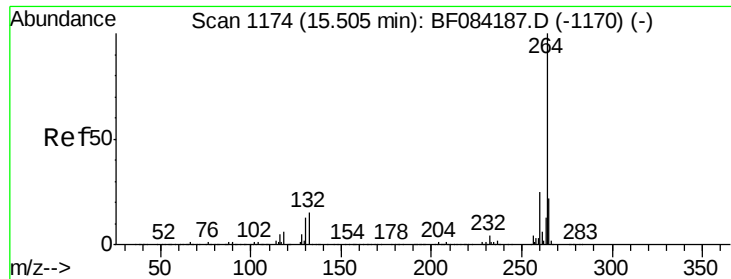


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084404.D
Acq: 12 Jan 2016 3:13

Instrument :
BNA_F
ClientSampleId :
MW-15R

Tgt Ion: 264 Resp: 621588
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 22.1 17.8 26.6

