

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084408.D
 Acq On : 12 Jan 2016 5:04
 Operator : SJ/UM
 Sample : H1067-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Jan 12 05:50:49 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

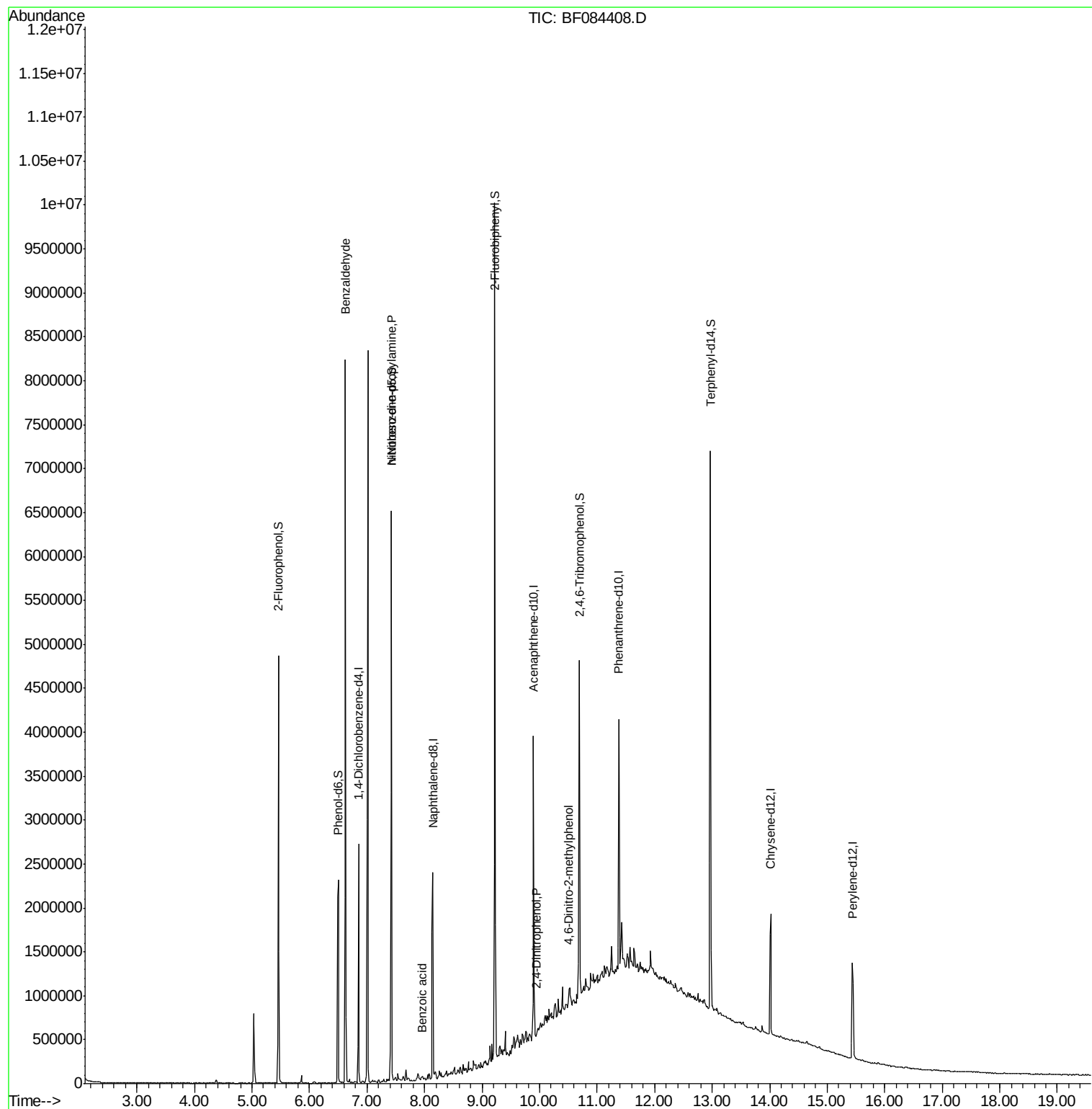
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	364565	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1395290	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	625358	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	972077	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	682553	20.00	ng	-0.05
86) Perylene-d12	15.44	264	584730	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1363005	60.47	ng	-0.03
7) Phenol-d6	6.50	99	1178443	41.63	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2335888	93.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	817614	129.50	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3017946	84.89	ng	-0.05
78) Terphenyl-d14	12.97	244	1976166	64.63	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.62	77	53331	2.89	ng	# 74
19) n-Nitroso-di-n-propylamine	7.42	70	339714	17.73	ng	# 75
32) Benzoic acid	7.95	122	1344	6.33	ng	# 56
53) 2,4-Dinitrophenol	9.95	184	322	3.63	ng	# 1
54) Dibenzofuran	10.10	168	820	Below Cal	#	1
57) Fluorene	10.49	166	1407	Below Cal	#	9
60) 4-Chlorophenyl-phenylether	10.42	204	3085	Below Cal	#	81
64) 4,6-Dinitro-2-methylphenol	10.51	198	1238	6.58	ng	# 1
73) Di-n-butylphthalate	11.95	149	10043	Below Cal	#	29

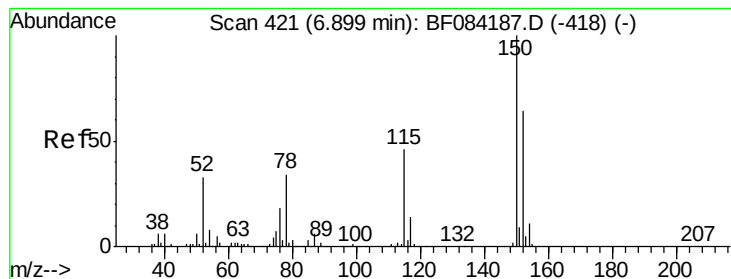
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampleId :

MW-03

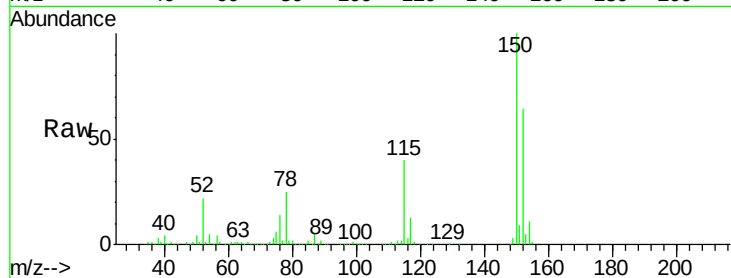
Tgt Ion:152 Resp: 364565

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

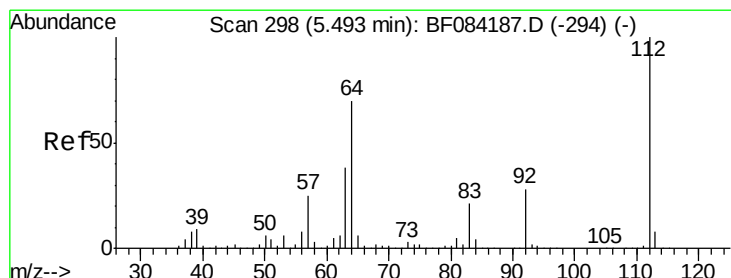
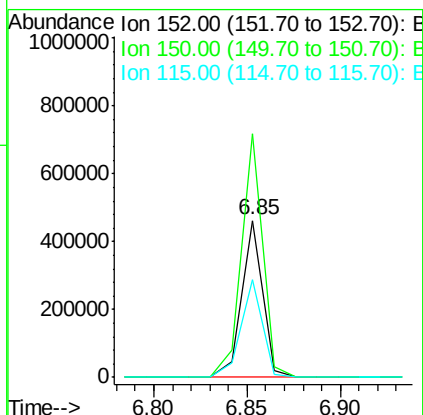
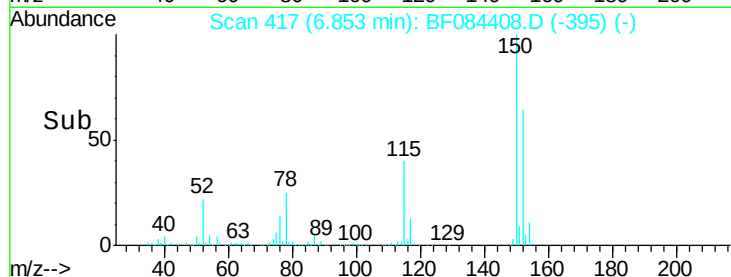
115 62.4 51.4 77.2



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: 60.47 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

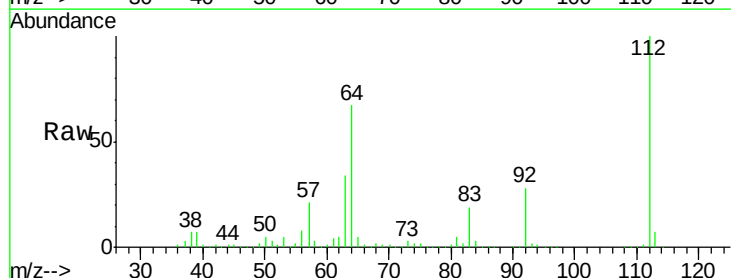
Tgt Ion:112 Resp: 1363005

Ion Ratio Lower Upper

112 100

64 66.6 36.6 55.0#

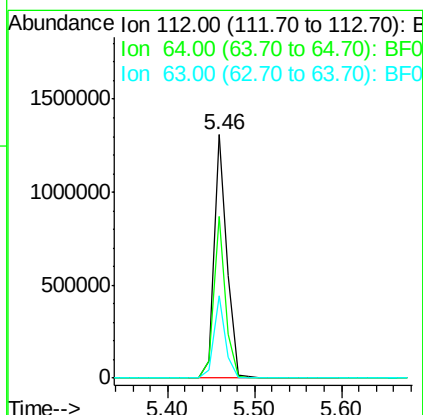
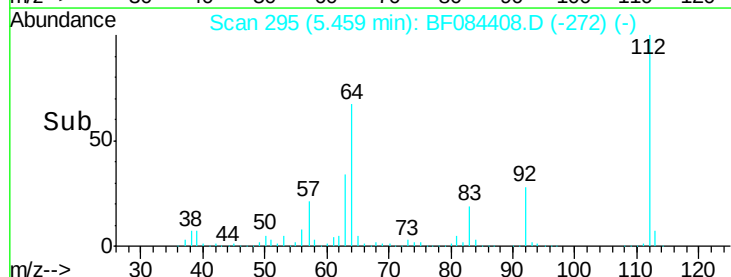
63 33.8 19.4 29.0#

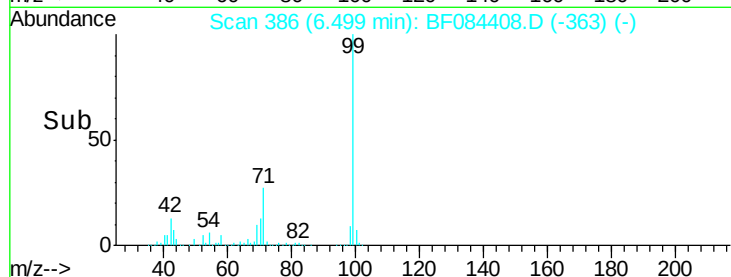
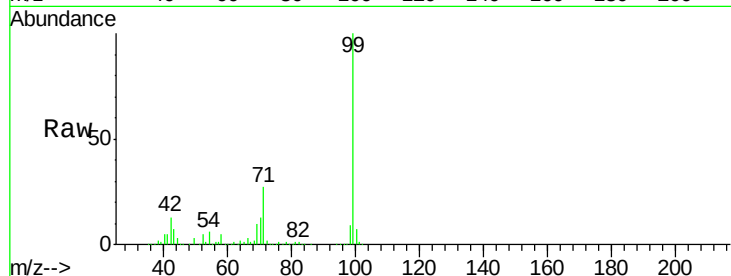
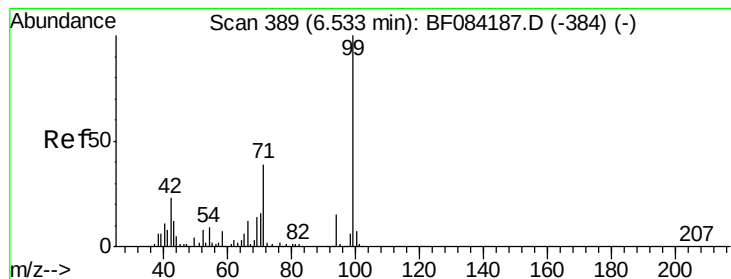


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.63 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampleId :

MW-03

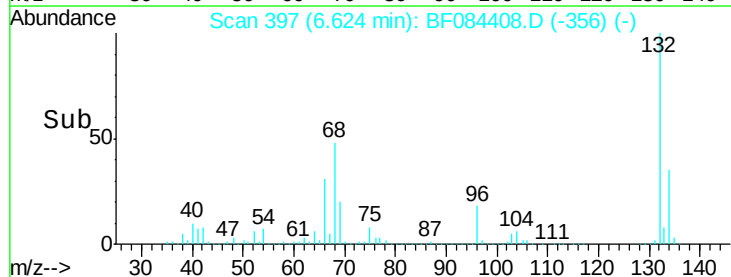
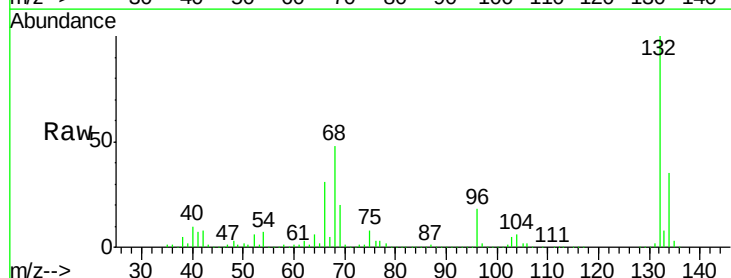
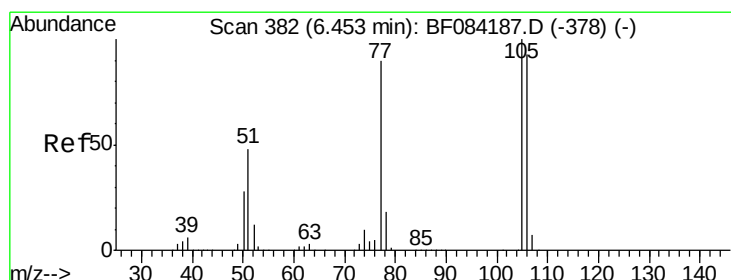
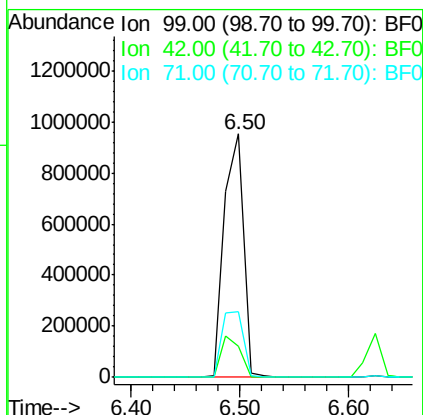
Tgt Ion: 99 Resp: 1178443

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

71 26.9 30.9 46.3#



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

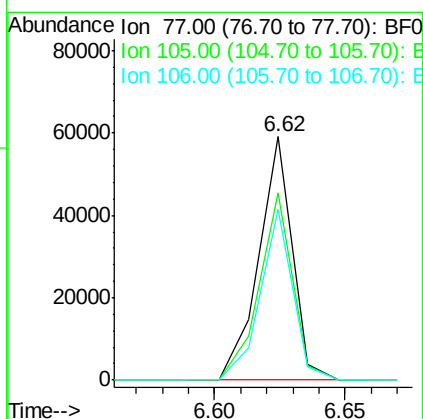
Tgt Ion: 77 Resp: 53331

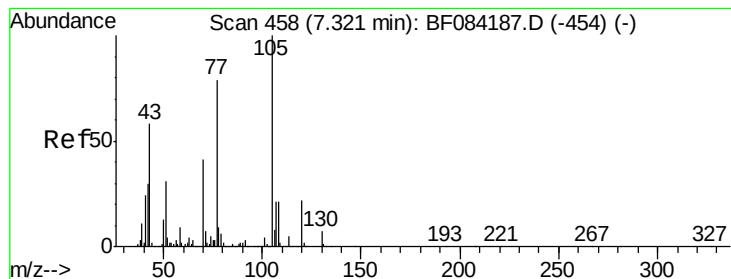
Ion Ratio Lower Upper

77 100

105 76.8 83.0 123.0#

106 70.0 74.6 114.6#





#19

n-Nitroso-di-n-propylamine

Concen: 17.73 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

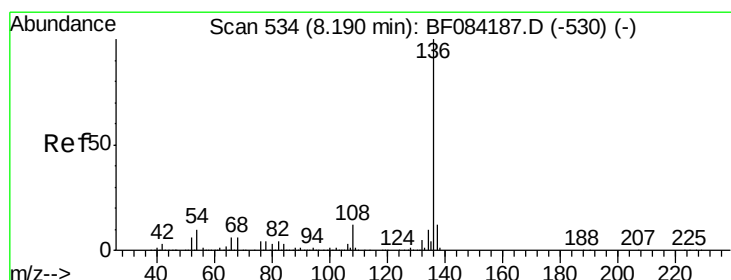
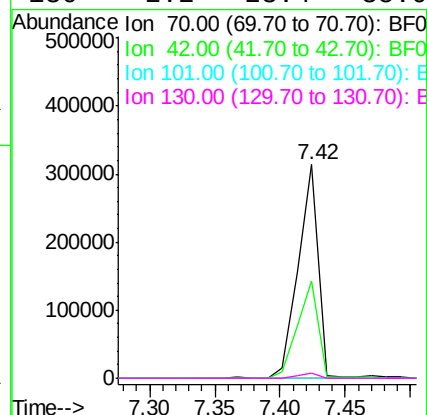
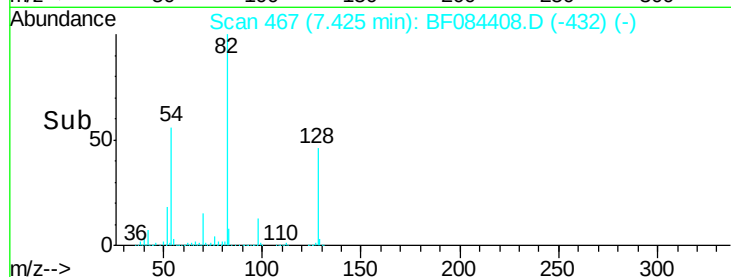
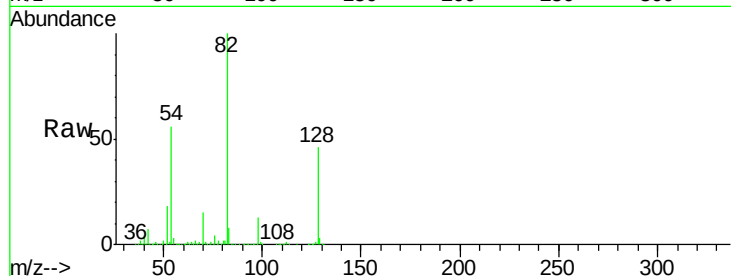
ClientSampleId :

MW-03

Tgt Ion: 70 Resp: 339714

Ion Ratio Lower Upper

70	100		
42	45.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

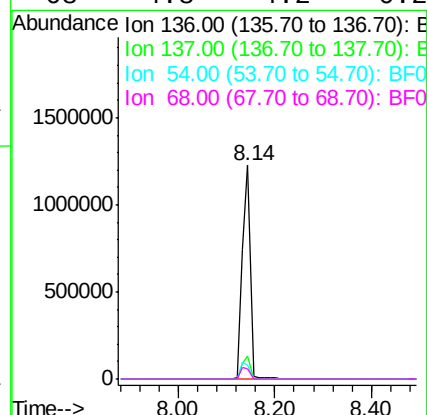
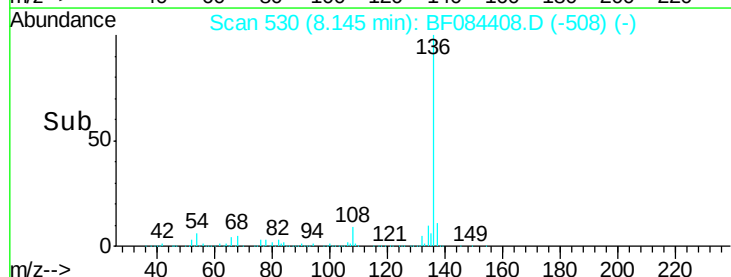
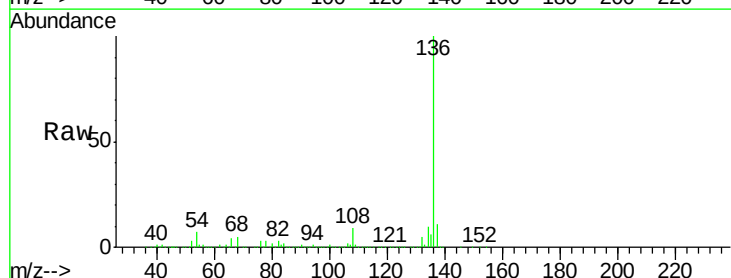
Lab File: BF084408.D

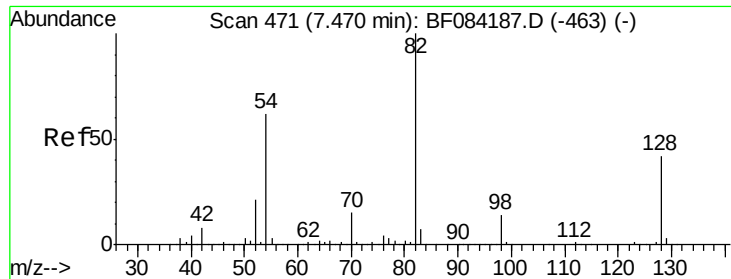
Acq: 12 Jan 2016 5:04

Tgt Ion: 136 Resp: 1395290

Ion Ratio Lower Upper

136	100		
137	11.1	8.7	13.1
54	6.5	5.8	8.8
68	4.8	4.2	6.2

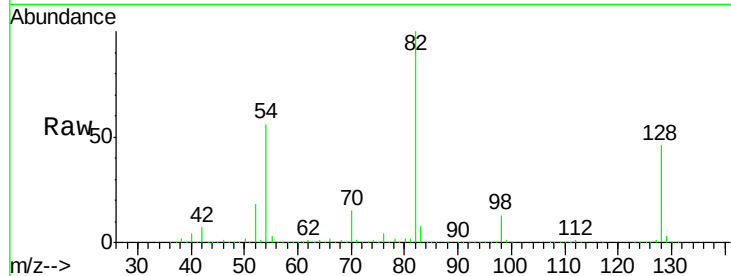




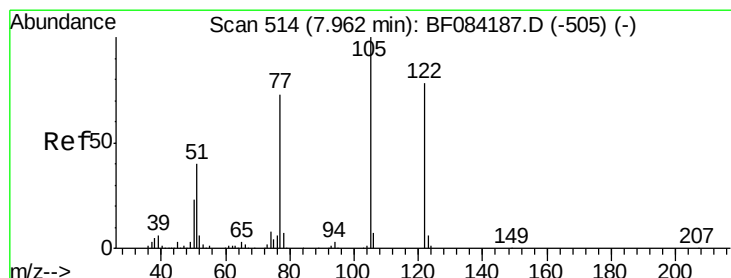
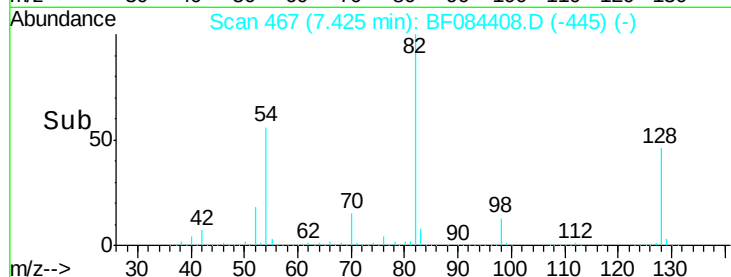
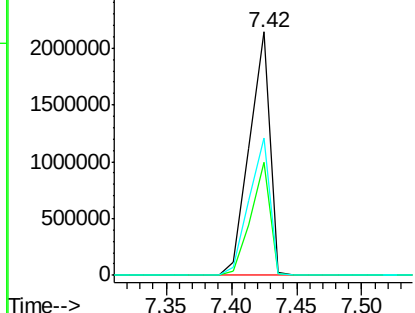
#23
 Nitrobenzene-d5
 Concen: 93.17 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084408.D
 Acq: 12 Jan 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion: 82 Resp: 2335888
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.6 51.8
 54 56.2 38.4 57.6

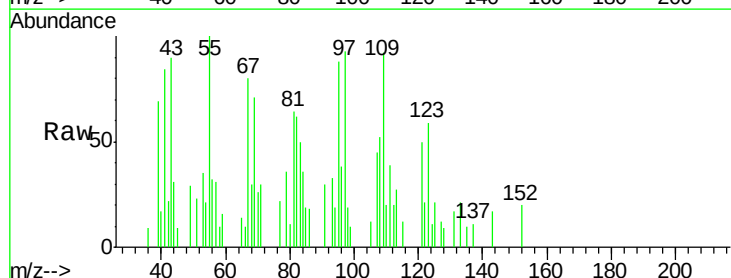


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

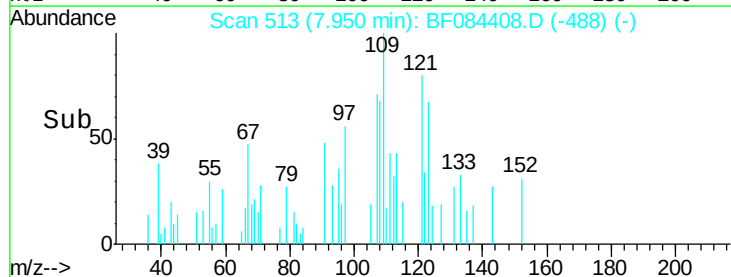
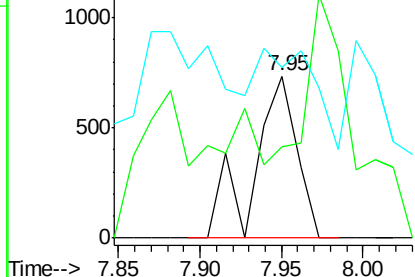


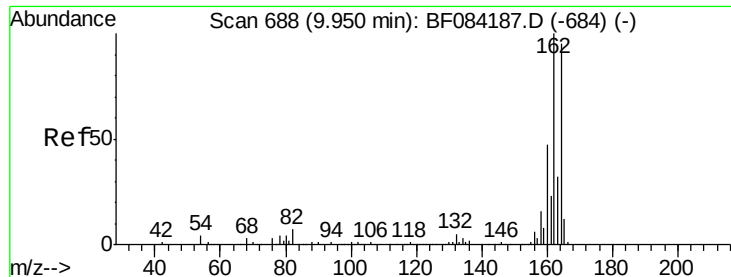
#32
 Benzoic acid
 Concen: 6.33 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084408.D
 Acq: 12 Jan 2016 5:04

Tgt Ion: 122 Resp: 1344
 Ion Ratio Lower Upper
 122 100
 105 56.1 100.3 140.3#
 77 105.3 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: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampleId :

MW-03

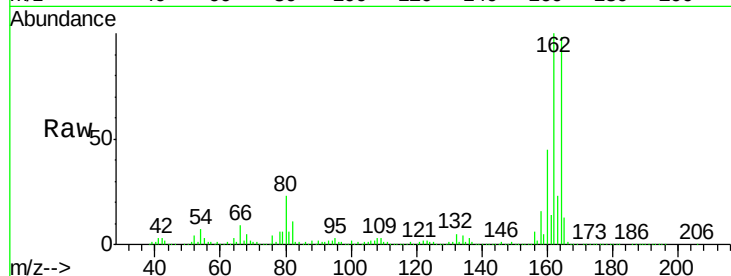
Tgt Ion:164 Resp: 625358

Ion Ratio Lower Upper

164 100

162 102.4 85.1 127.7

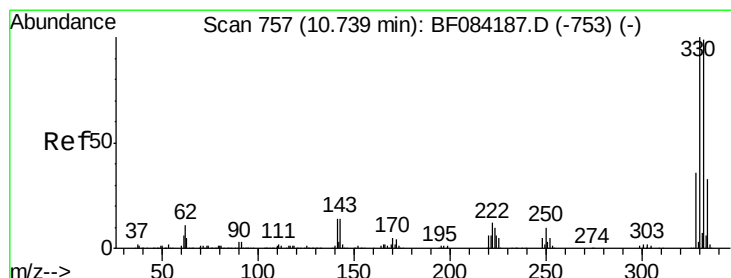
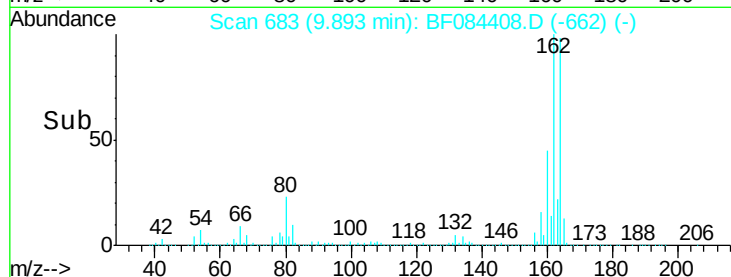
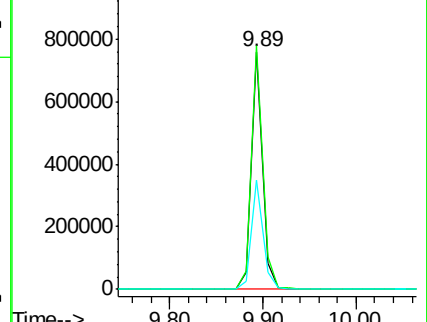
160 46.1 37.5 56.3



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: 129.50 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

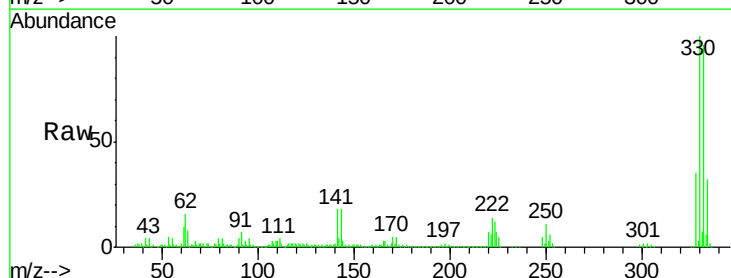
Tgt Ion:330 Resp: 817614

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

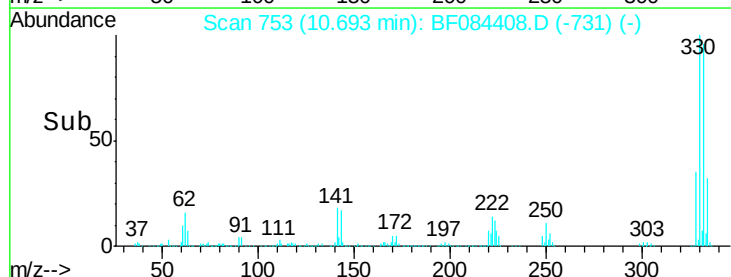
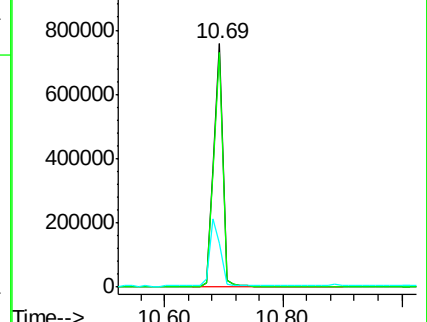
141 31.7 27.8 41.6

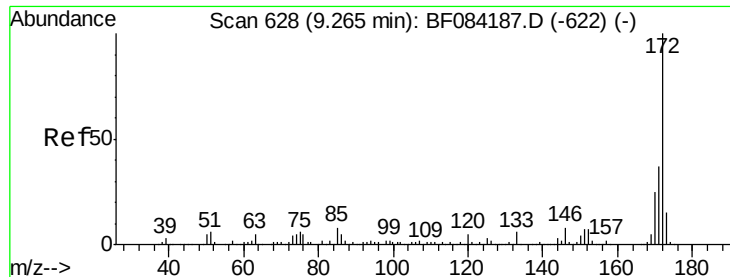


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

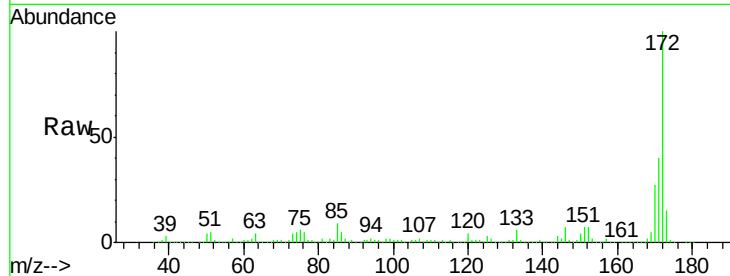




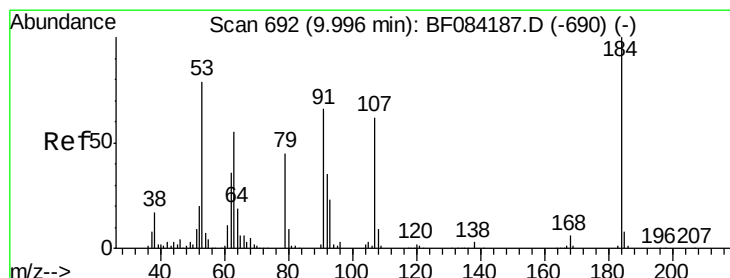
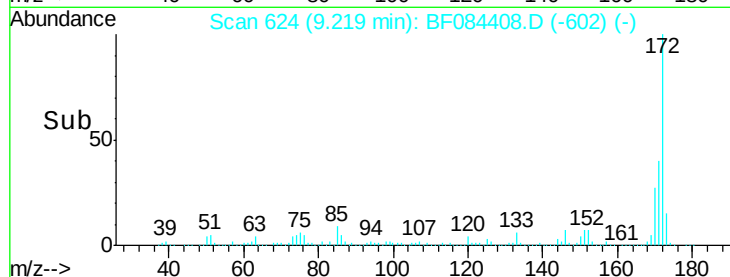
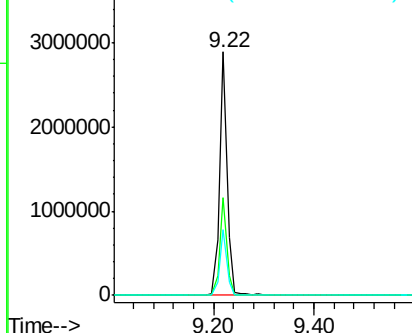
#44
2-Fluorobiphenyl
Concen: 84.89 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084408.D
Acq: 12 Jan 2016 5:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:172 Resp: 3017946
Ion Ratio Lower Upper
172 100
171 39.9 28.9 43.3
170 27.2 18.6 27.8

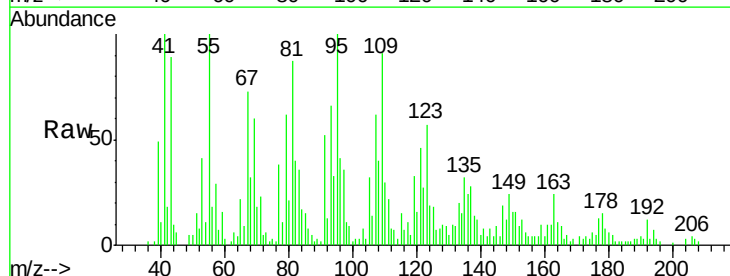


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

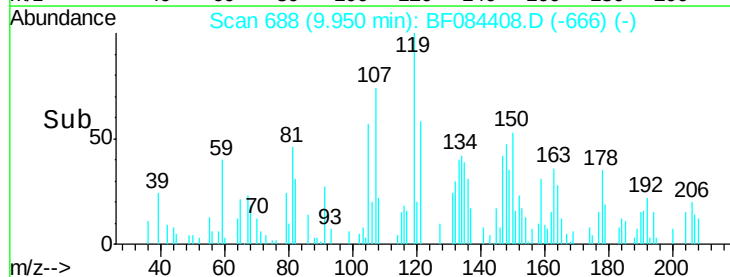
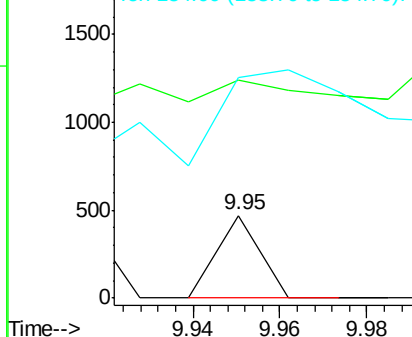


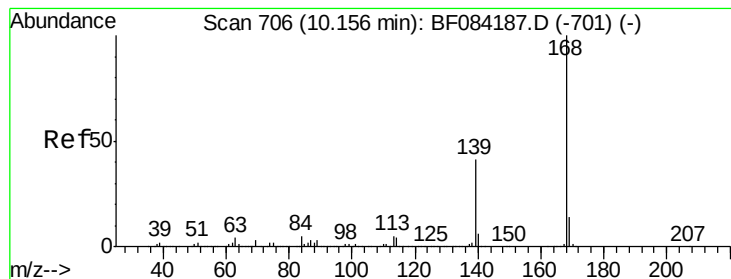
#53
2,4-Dinitrophenol
Concen: 3.63 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084408.D
Acq: 12 Jan 2016 5:04

Tgt Ion:184 Resp: 322
Ion Ratio Lower Upper
184 100
63 265.2 43.1 64.7#
154 267.2 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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.10 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampled :

MW-03

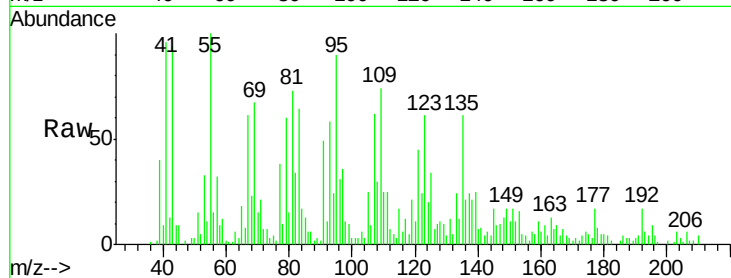
Tgt Ion:168 Resp: 820

Ion Ratio Lower Upper

168 100

139 600.1 30.5 45.7#

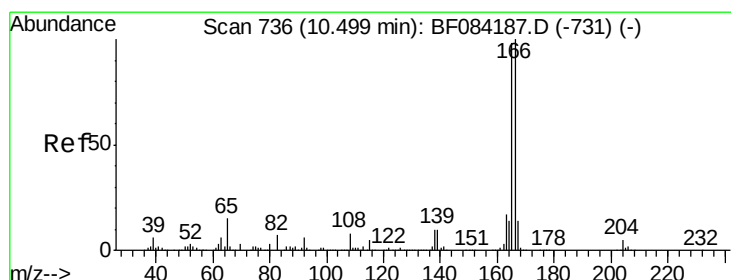
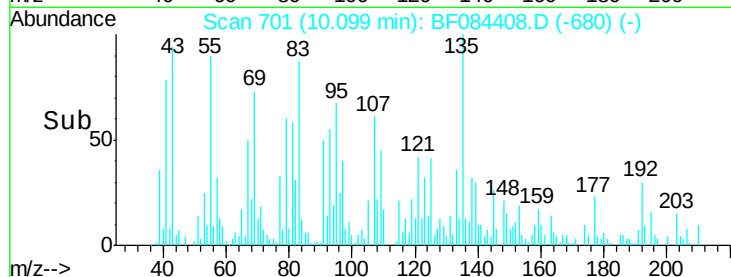
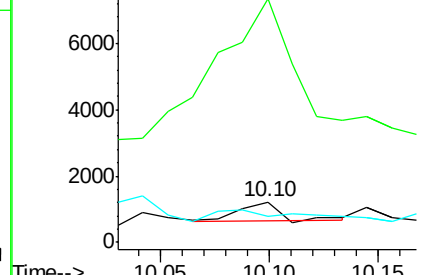
169 65.4 10.4 15.6#



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



#57

Fluorene

Concen: Below Cal

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

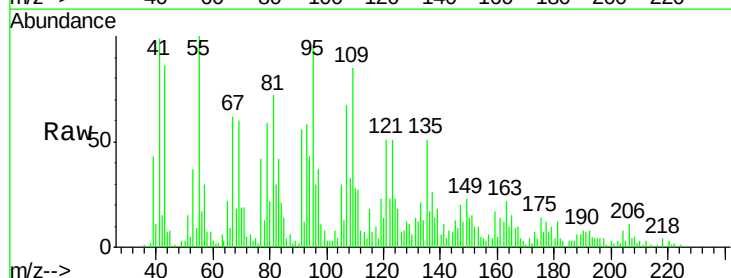
Tgt Ion:166 Resp: 1407

Ion Ratio Lower Upper

166 100

165 166.8 79.1 118.7#

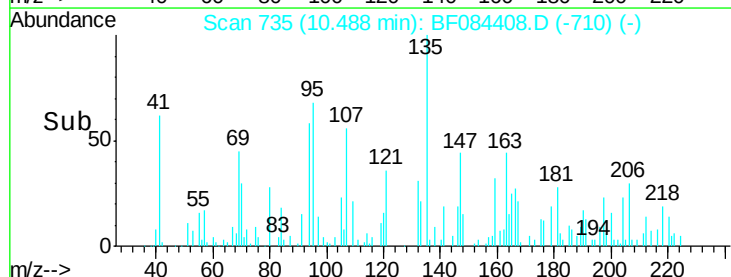
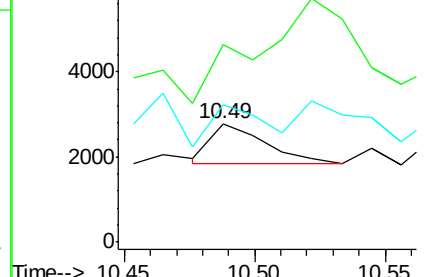
167 116.5 10.4 15.6#

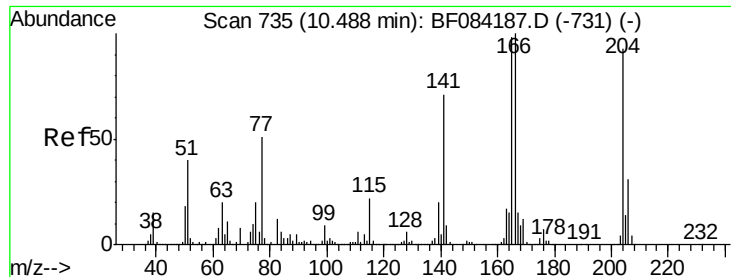


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

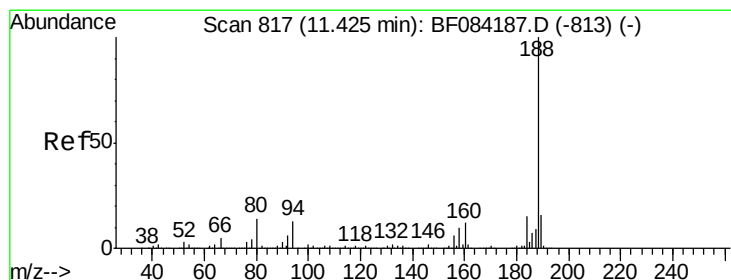
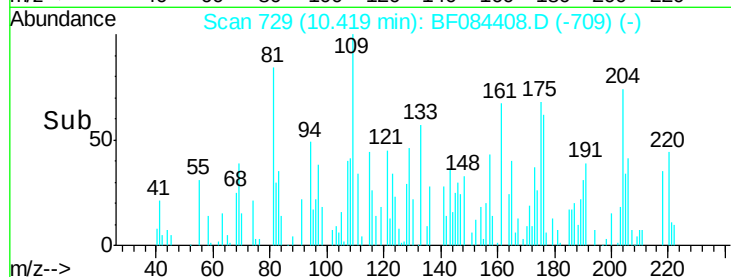
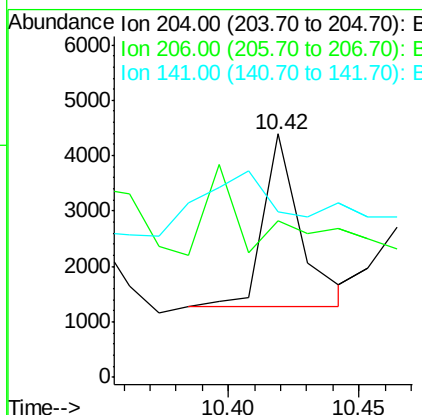
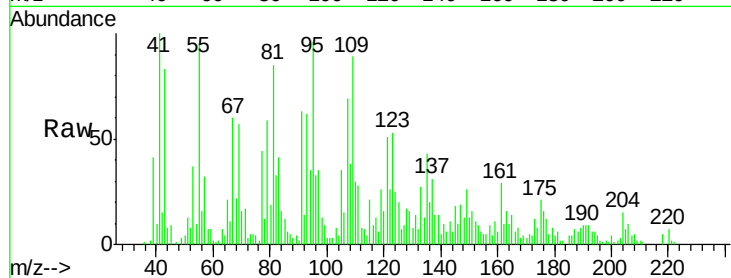




#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.42 min Scan# 729
Delta R.T. -0.07 min
Lab File: BF084408.D
Acq: 12 Jan 2016 5:04

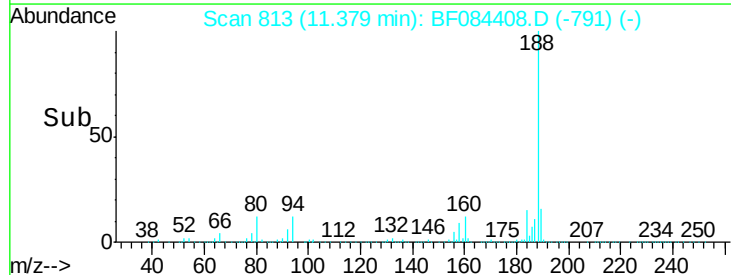
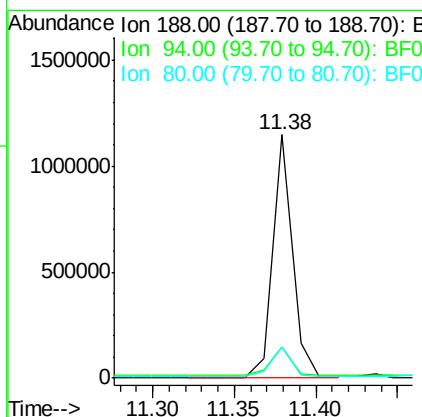
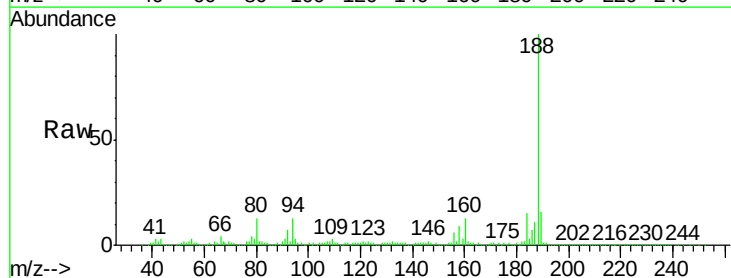
Instrument :
BNA_F
ClientSampled :
MW-03

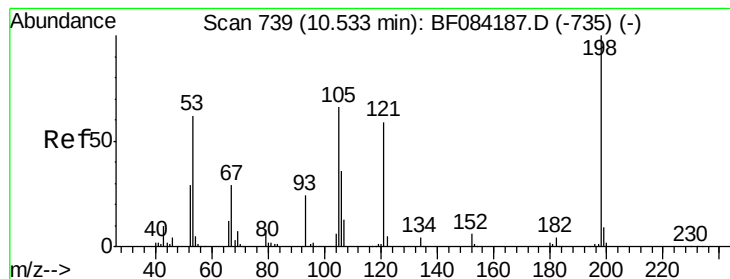
Tgt Ion:204 Resp: 3085
Ion Ratio Lower Upper
204 100
206 64.3 25.7 38.5#
141 68.2 55.1 82.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084408.D
Acq: 12 Jan 2016 5:04

Tgt Ion:188 Resp: 972077
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.4
80 12.9 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampleId :

MW-03

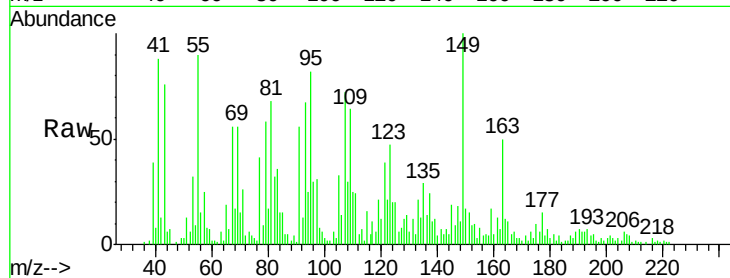
Tgt Ion:198 Resp: 1238

Ion Ratio Lower Upper

198 100

51 422.8 18.9 58.9#

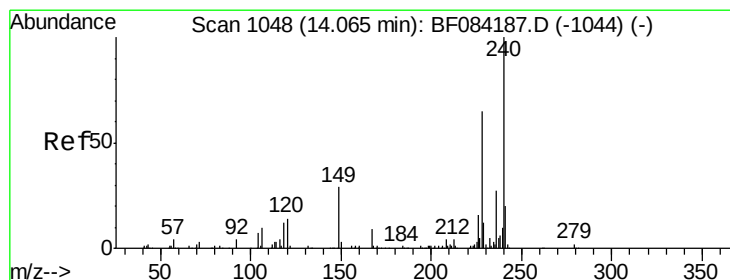
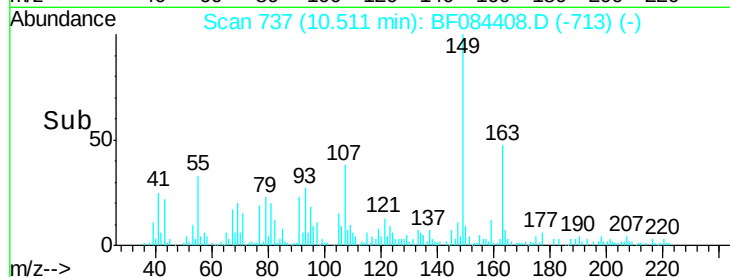
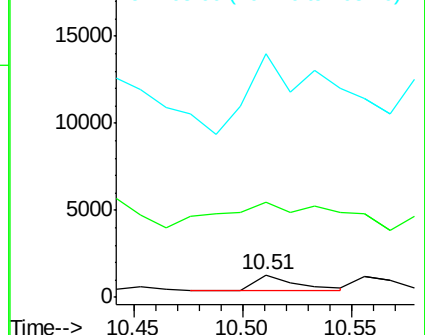
105 1086.8 26.4 66.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

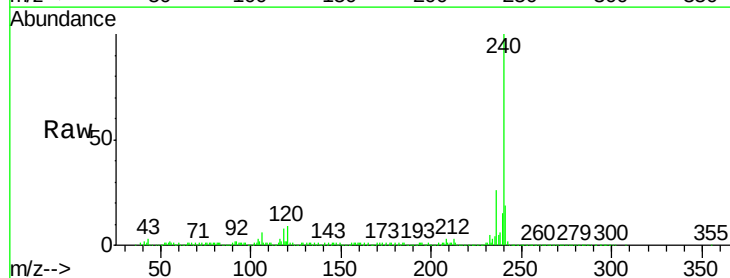
Tgt Ion:240 Resp: 682553

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

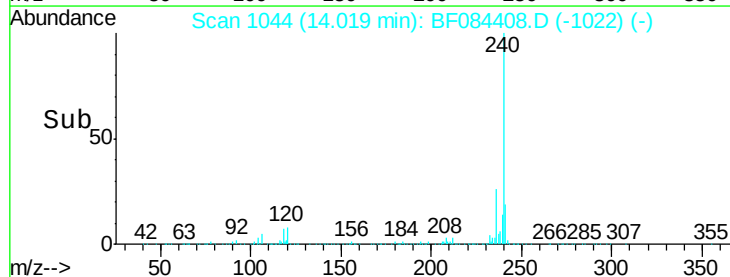
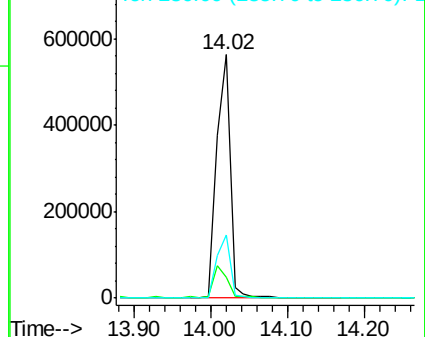
236 25.8 20.6 31.0

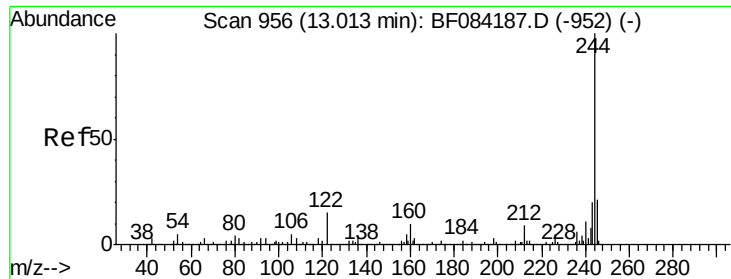


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.63 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084408.D

Acq: 12 Jan 2016 5:04

Instrument :

BNA_F

ClientSampleId :

MW-03

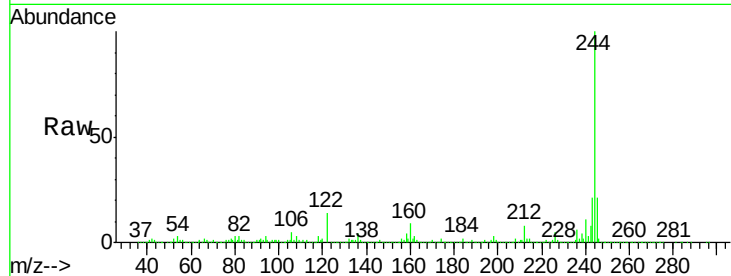
Tgt Ion:244 Resp: 1976166

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

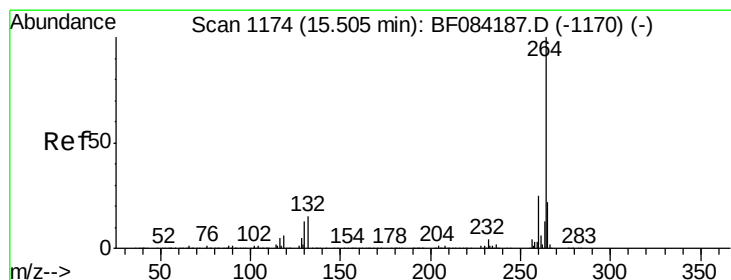
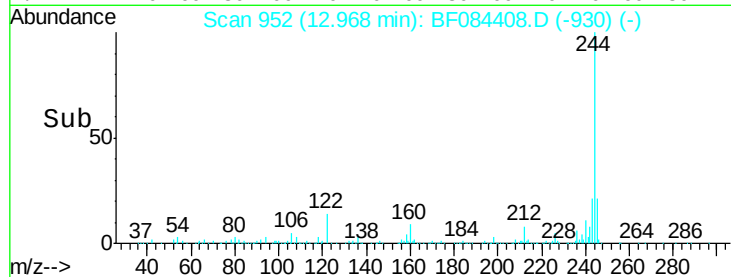
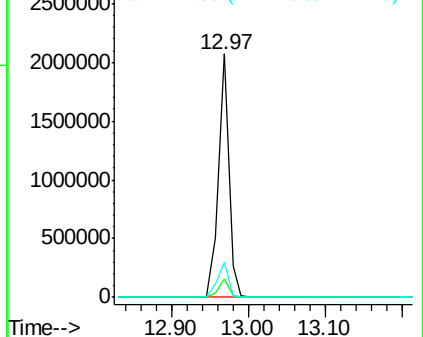
122 14.1 7.4 11.0#



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: BF084408.D

Acq: 12 Jan 2016 5:04

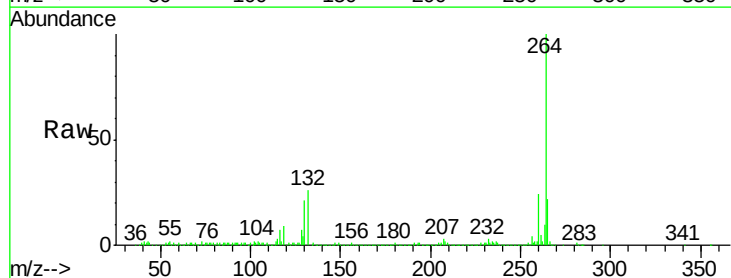
Tgt Ion:264 Resp: 584730

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.1 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

