

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084442.D
 Acq On : 13 Jan 2016 6:33
 Operator : SJ/UM
 Sample : H1078-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9D

Quant Time: Jan 13 07:28:20 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

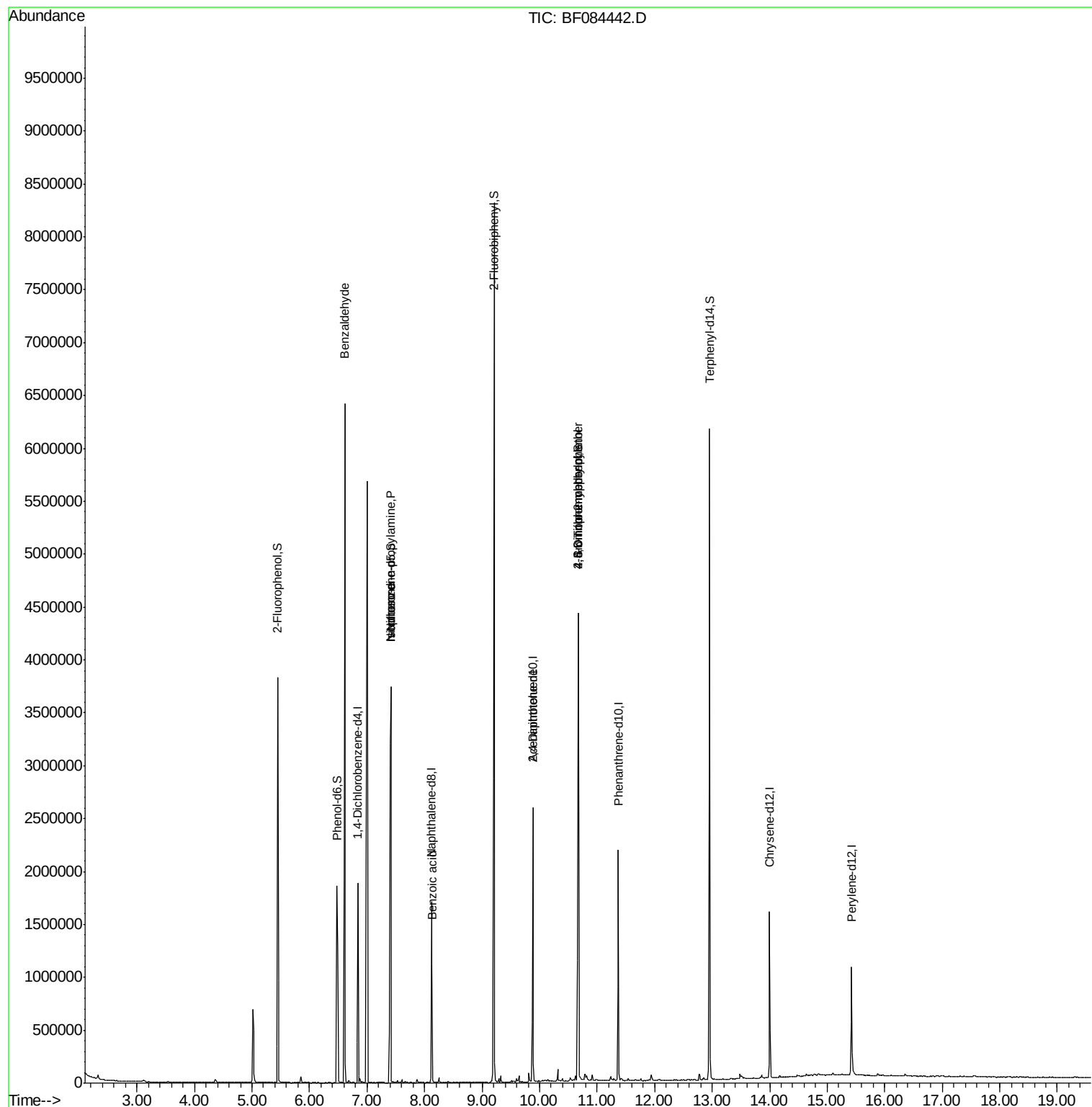
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	261449	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	989116	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	487299	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	844982	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	535844	20.00	ng	-0.07
86) Perylene-d12	15.43	264	457109	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1015233	62.81	ng	-0.04
7) Phenol-d6	6.48	99	820934	40.44	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1729364	97.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	508155	103.29	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2441265	88.38	ng	-0.06
78) Terphenyl-d14	12.96	244	2057768	85.72	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	38864	2.94	ng	# 79
19) n-Nitroso-di-n-propylamine	7.41	70	232918	16.95	ng	# 78
25) Isophorone	7.41	82	1623220	47.76	ng	# 66
32) Benzoic acid	8.13	122	217	6.27	ng	# 1
54) Dibenzofuran	10.09	168	845	Below Cal		# 60
56) 2,4-Dinitrotoluene	9.88	165	62161	6.43	ng	# 22
57) Fluorene	10.67	166	23261	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.67	198	1150	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	32905	3.62	ng	# 1
73) Di-n-butylphthalate	11.93	149	2232	Below Cal		# 63

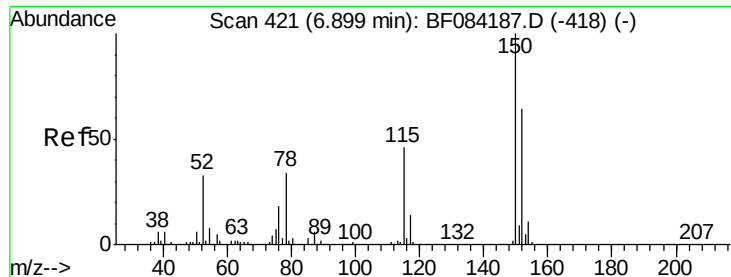
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9D

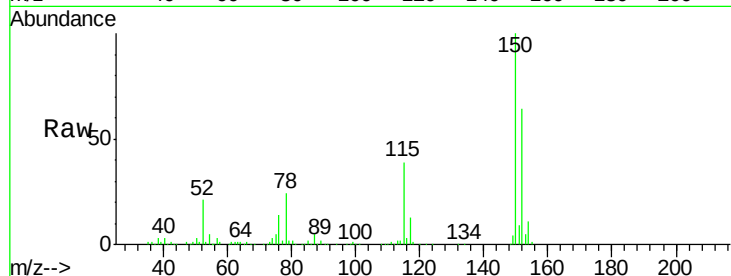
Tgt Ion:152 Resp: 261449

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

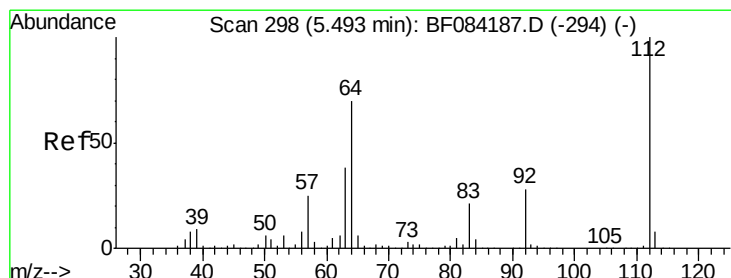
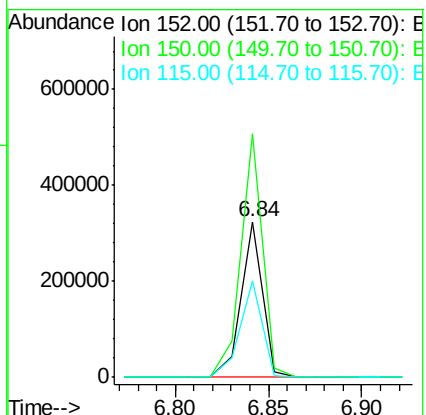
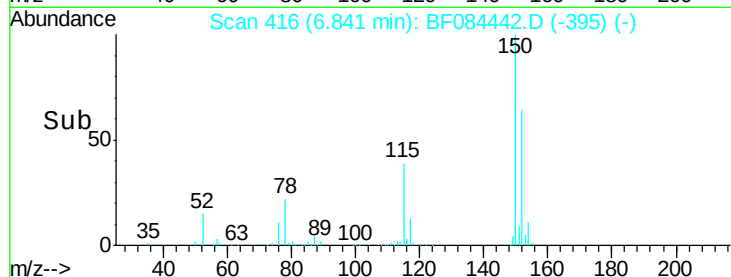
115 61.7 51.4 77.2



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: 62.81 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

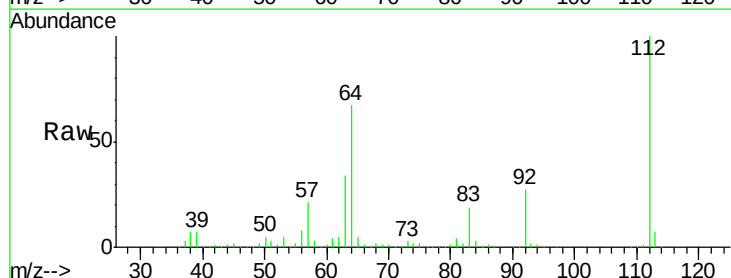
Tgt Ion:112 Resp: 1015233

Ion Ratio Lower Upper

112 100

64 66.9 36.6 55.0#

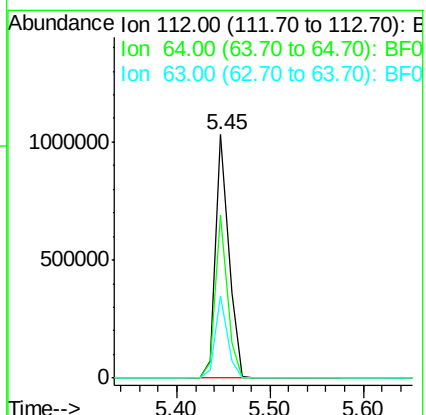
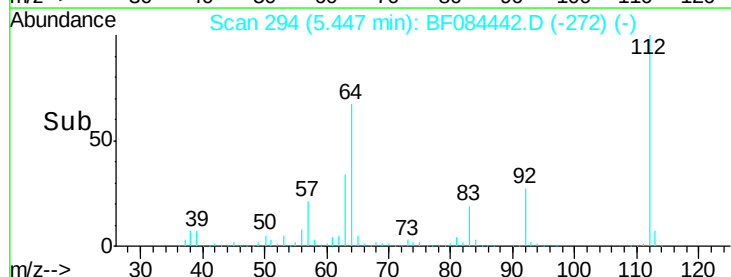
63 33.7 19.4 29.0#

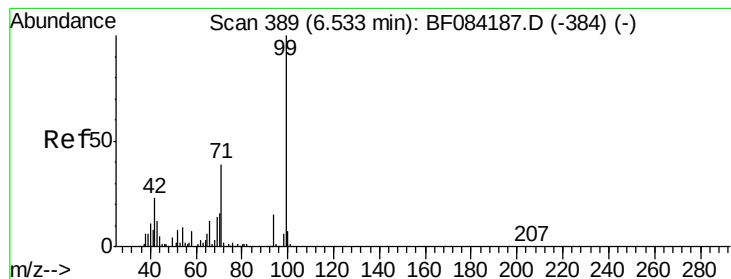


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.44 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9D

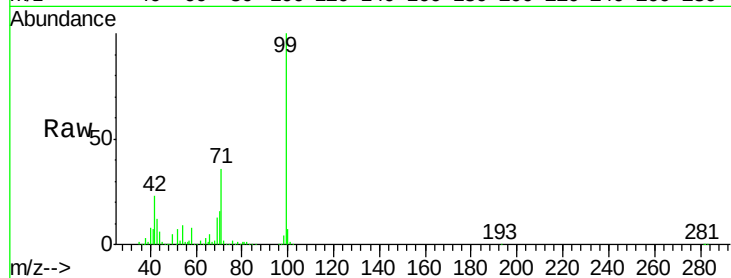
Tgt Ion: 99 Resp: 820934

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

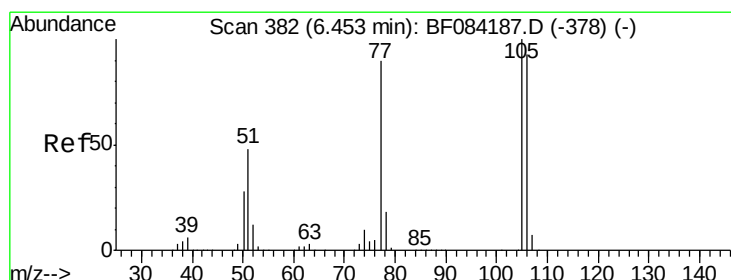
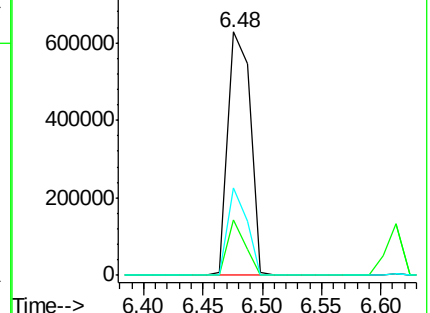
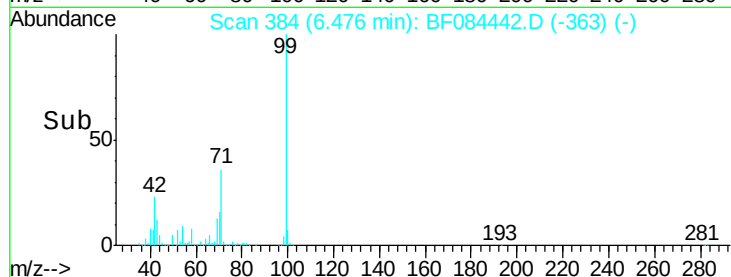
71 36.1 30.9 46.3



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: 2.94 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

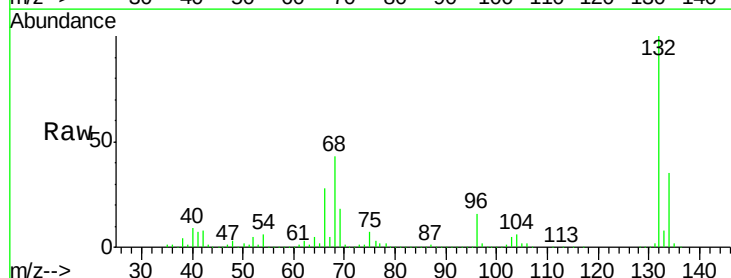
Tgt Ion: 77 Resp: 38864

Ion Ratio Lower Upper

77 100

105 82.9 83.0 123.0#

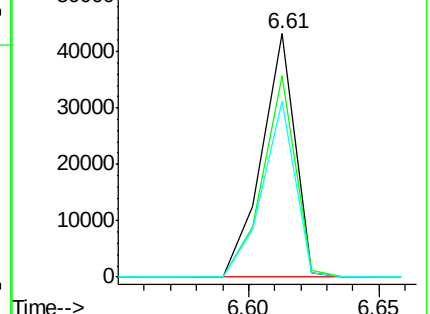
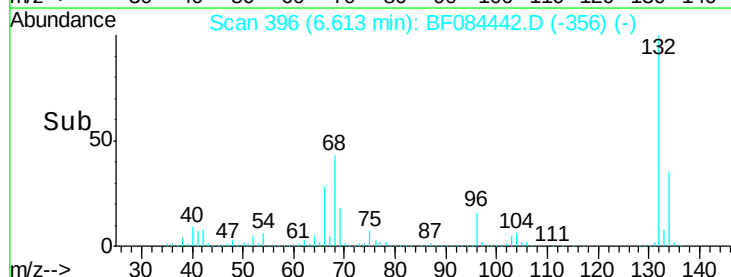
106 72.2 74.6 114.6#

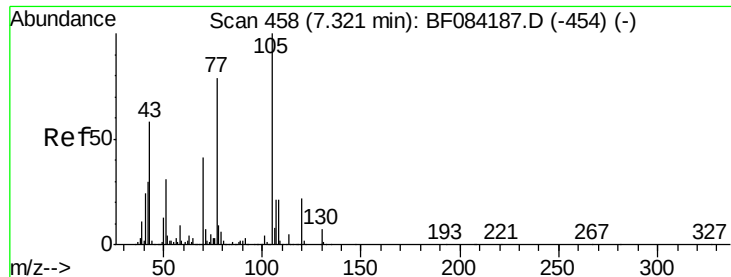


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

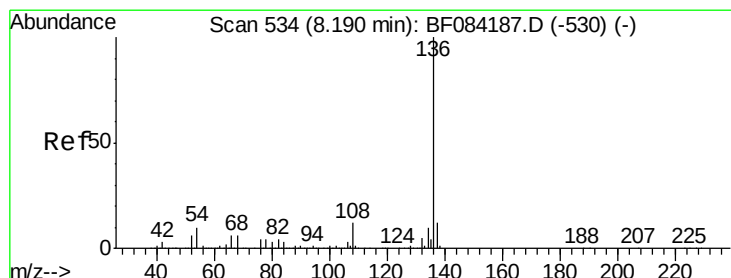
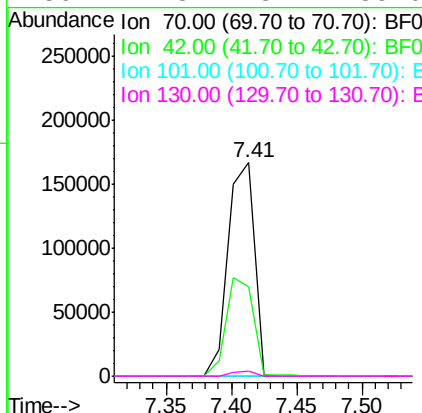
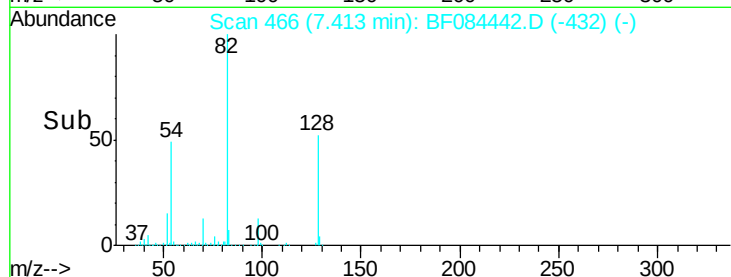
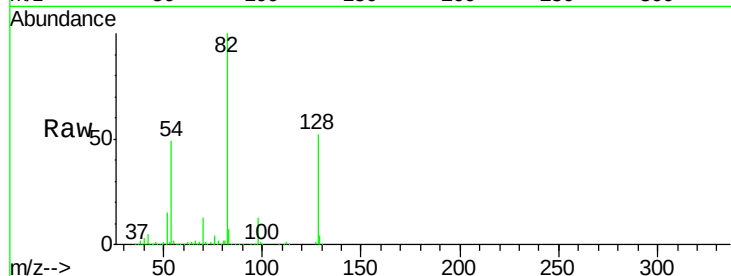




#19
n-Nitroso-di-n-propylamine
Concen: 16.95 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084442.D
Acq: 13 Jan 2016 6:33

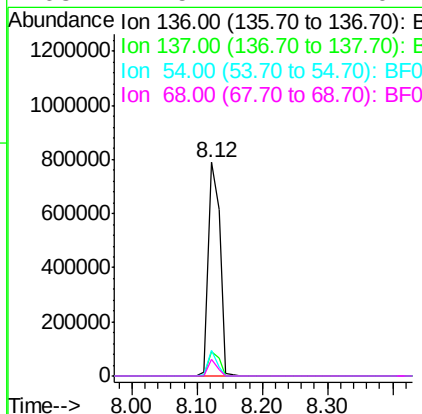
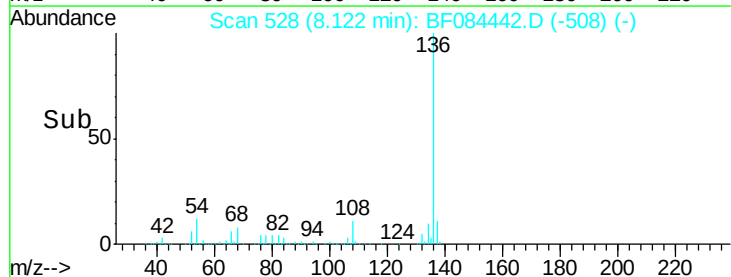
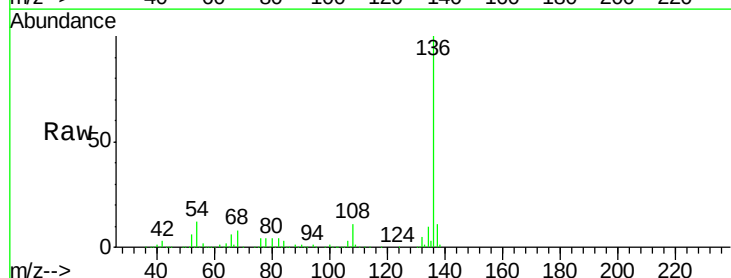
Instrument :
BNA_F
ClientSampleId :
TE-PMW-9D

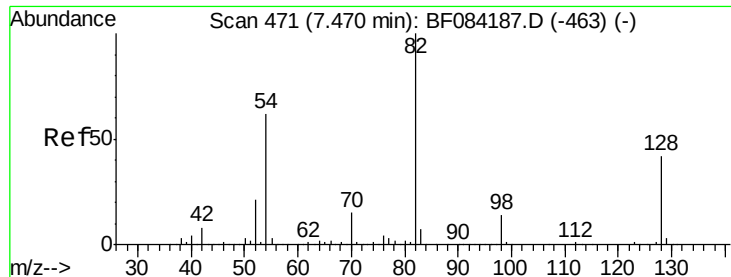
Tgt Ion: 70 Resp: 232918
Ion Ratio Lower Upper
70 100
42 42.1 33.3 49.9
101 0.0 9.3 13.9#
130 2.3 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084442.D
Acq: 13 Jan 2016 6:33

Tgt Ion: 136 Resp: 989116
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 12.1 5.8 8.8#
68 7.5 4.2 6.2#

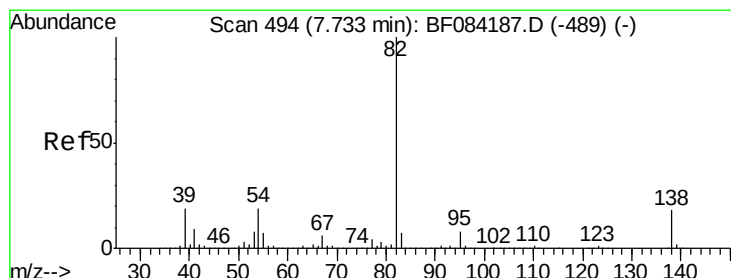
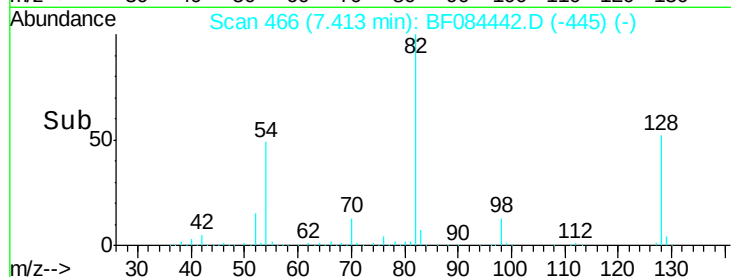
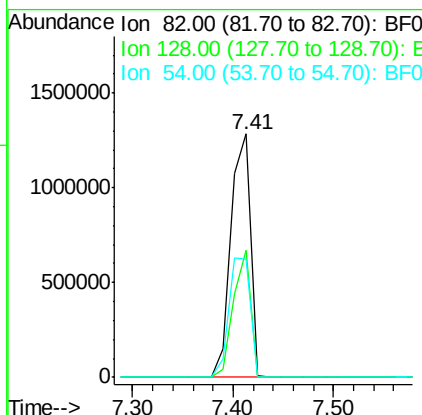
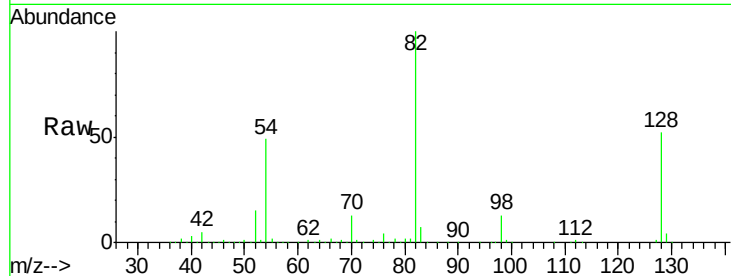




#23
 Nitrobenzene-d5
 Concen: 97.31 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

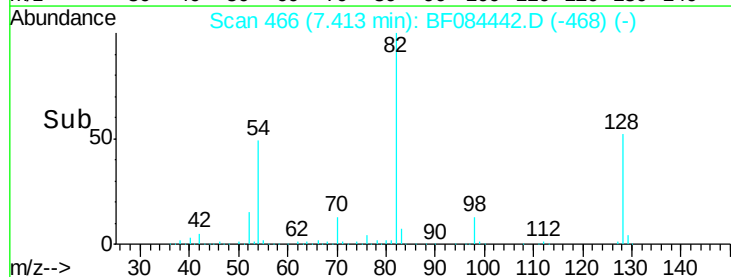
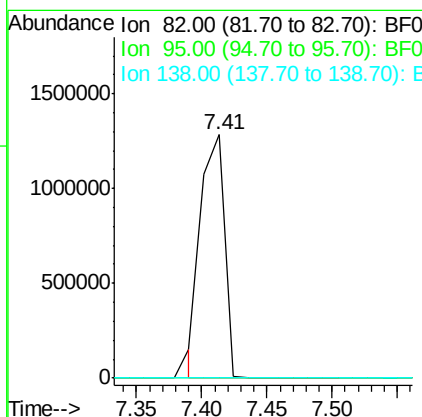
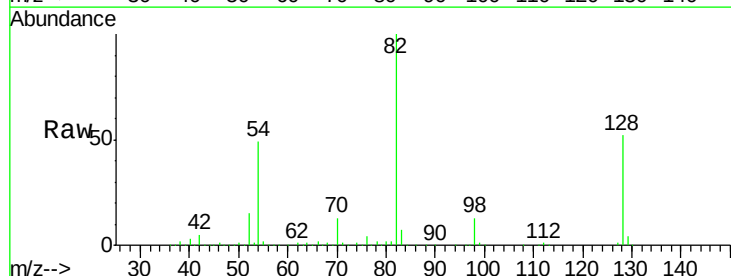
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9D

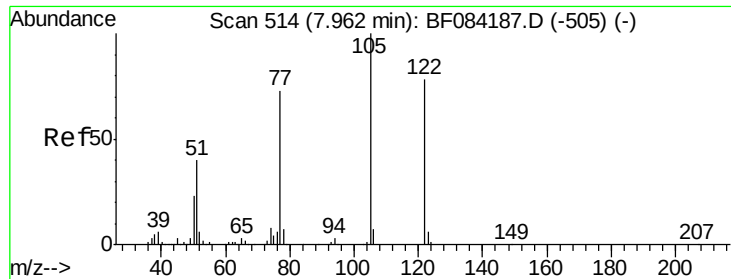
Tgt Ion: 82 Resp: 1729364
 Ion Ratio Lower Upper
 82 100
 128 52.2 34.6 51.8#
 54 48.7 38.4 57.6



#25
 Isophorone
 Concen: 47.76 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.32 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

Tgt Ion: 82 Resp: 1623220
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#

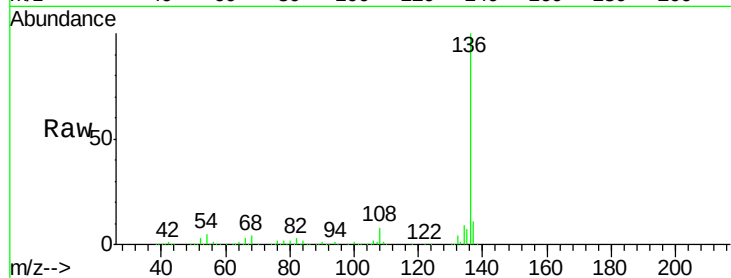




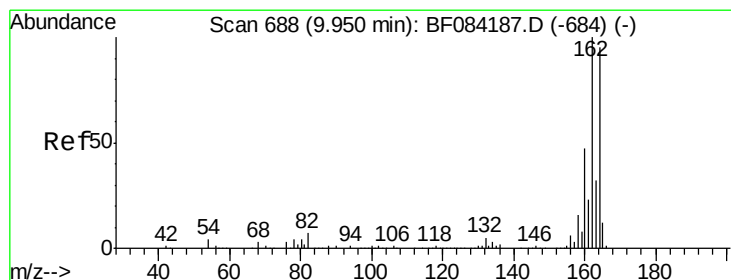
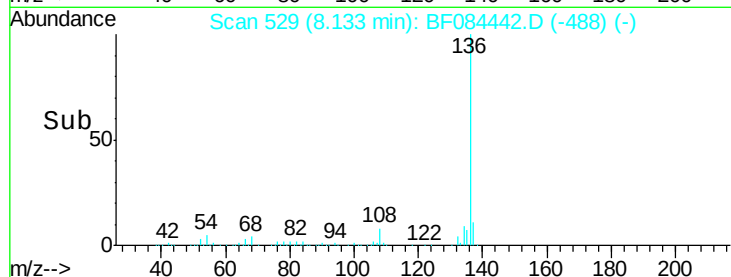
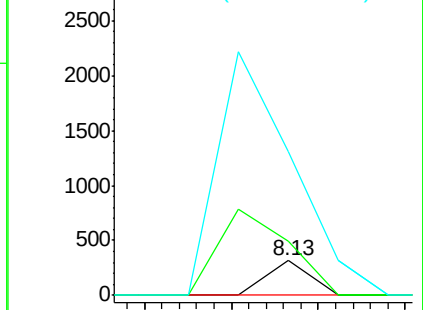
#32
Benzoic acid
Concen: 6.27 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.17 min
Lab File: BF084442.D
Acq: 13 Jan 2016 6:33

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9D

Tgt Ion:122 Resp: 217
Ion Ratio Lower Upper
122 100
105 154.9 100.3 140.3#
77 413.2 63.5 103.5#

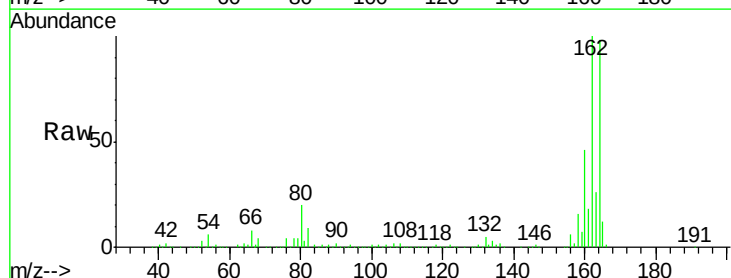


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

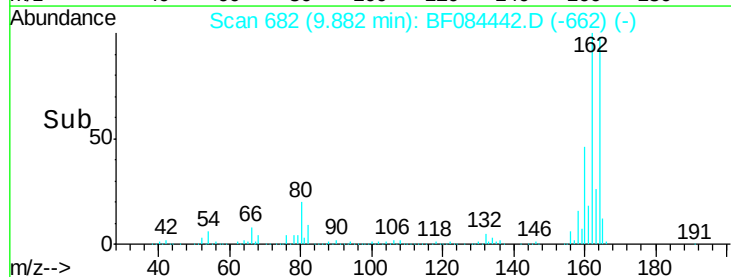
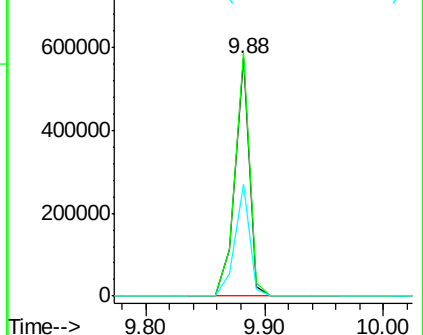


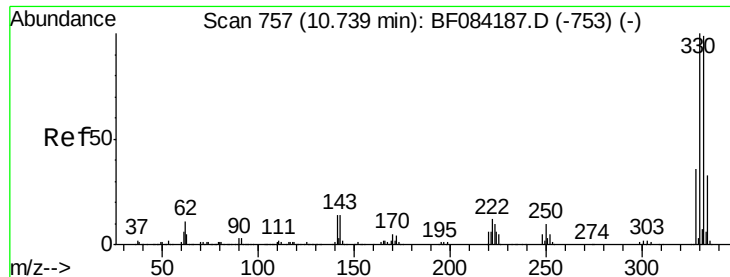
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084442.D
Acq: 13 Jan 2016 6:33

Tgt Ion:164 Resp: 487299
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 47.0 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

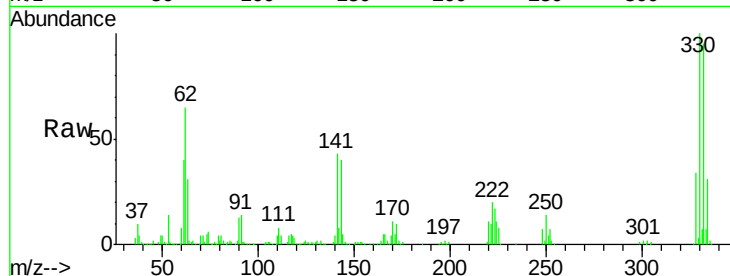




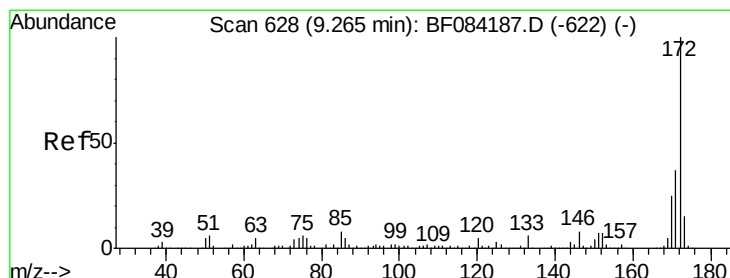
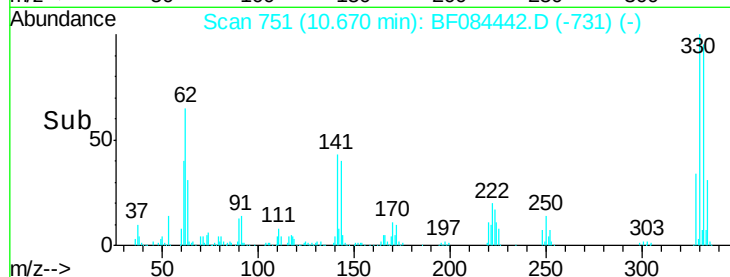
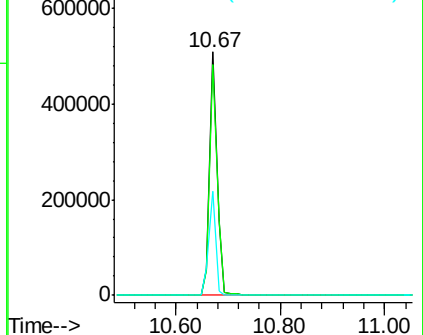
#41
 2,4,6-Tribromophenol
 Concen: 103.29 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

Instrument :
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 TE-PMW-9D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	39.3	27.8	41.6

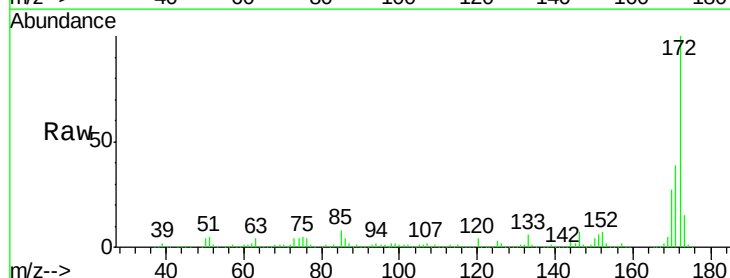


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

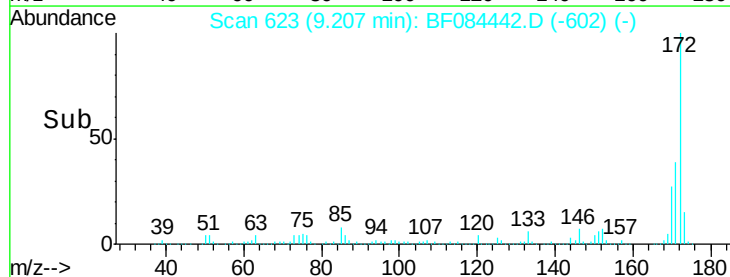
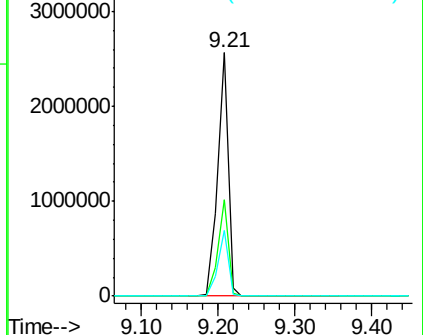


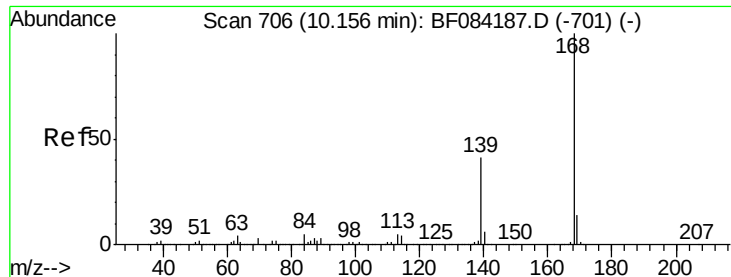
#44
 2-Fluorobiphenyl
 Concen: 88.38 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	28.9	43.3
170	26.9	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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.09 min Scan# 700

Delta R.T. -0.07 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9D

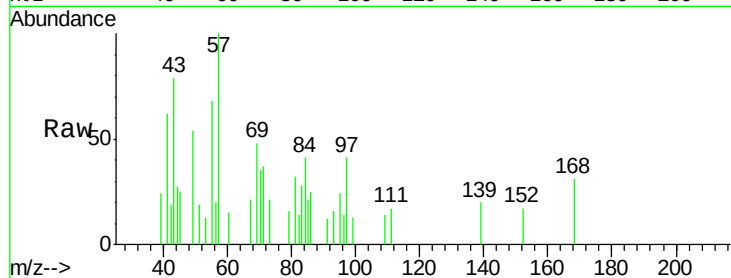
Tgt Ion:168 Resp: 845

Ion Ratio Lower Upper

168 100

139 64.2 30.5 45.7#

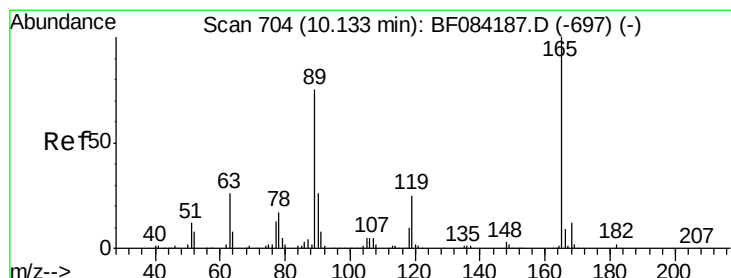
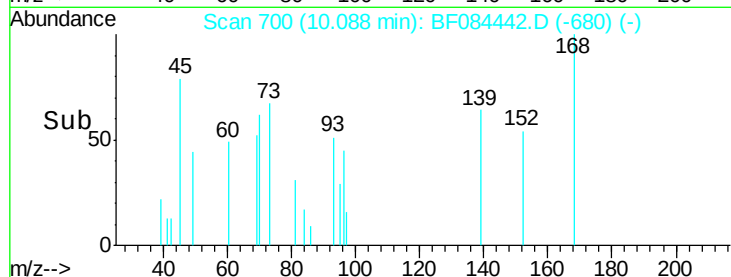
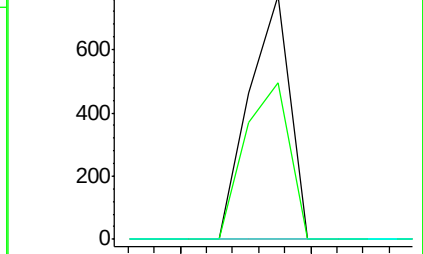
169 0.0 10.4 15.6#



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: 6.43 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Tgt Ion:165 Resp: 62161

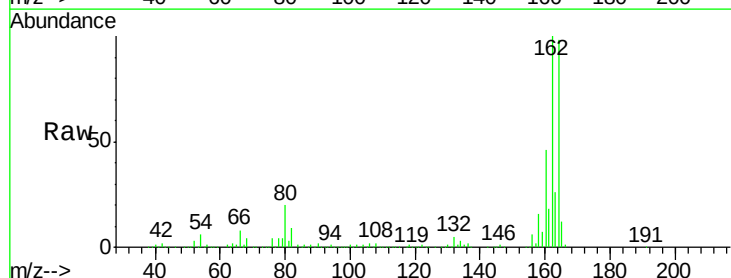
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 2.1 61.9 92.9#

182 0.0 2.0 3.0#

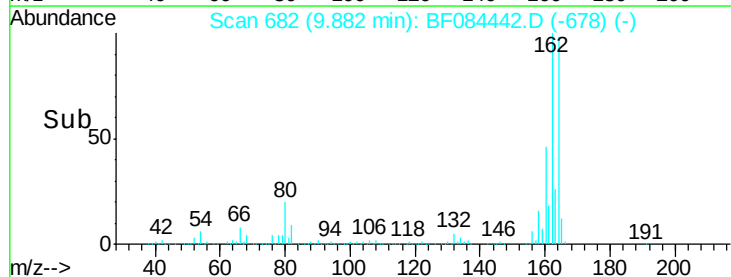
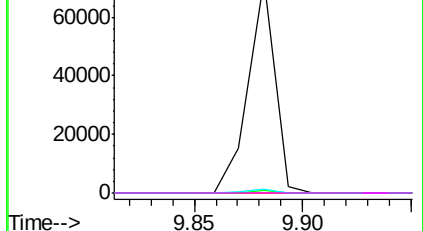


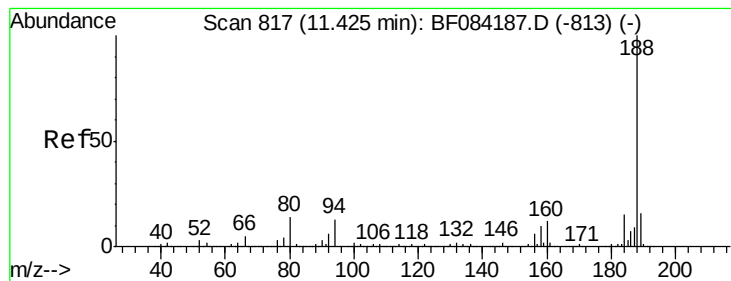
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9D

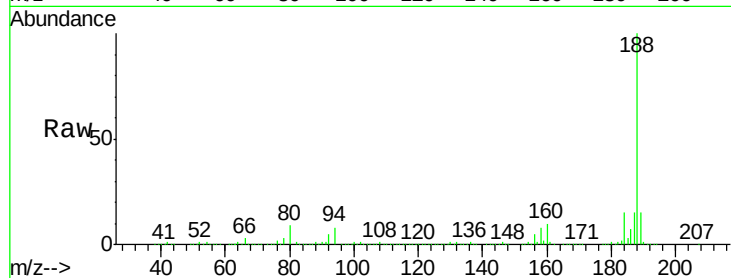
Tgt Ion:188 Resp: 844982

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

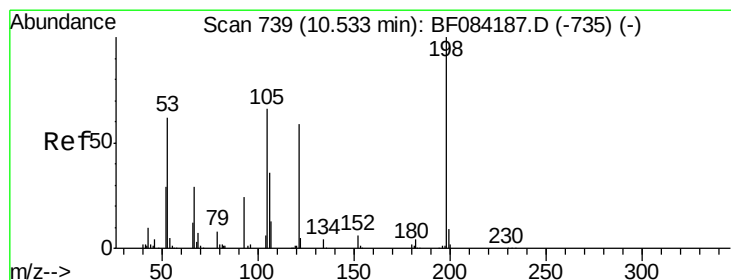
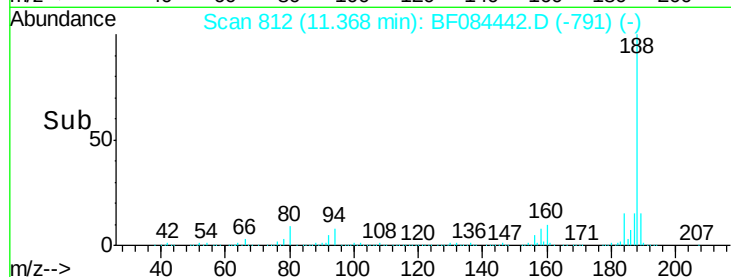
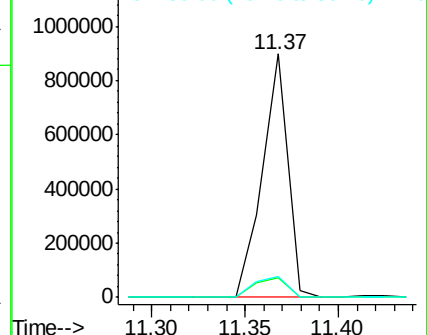
80 8.7 9.6 14.4#



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: 6.59 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.14 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

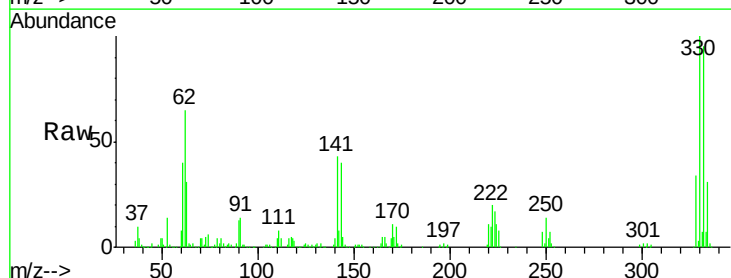
Tgt Ion:198 Resp: 1150

Ion Ratio Lower Upper

198 100

51 222.3 18.9 58.9#

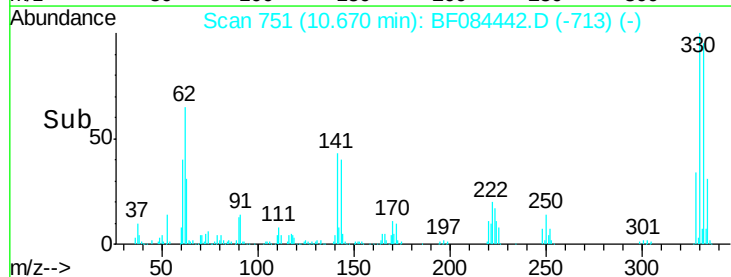
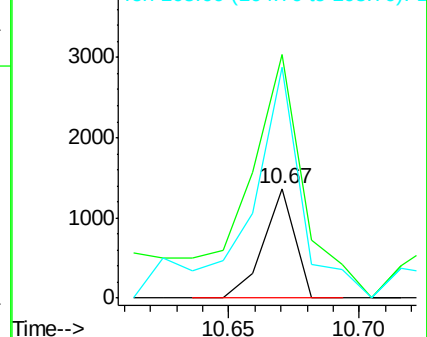
105 210.6 26.4 66.4#

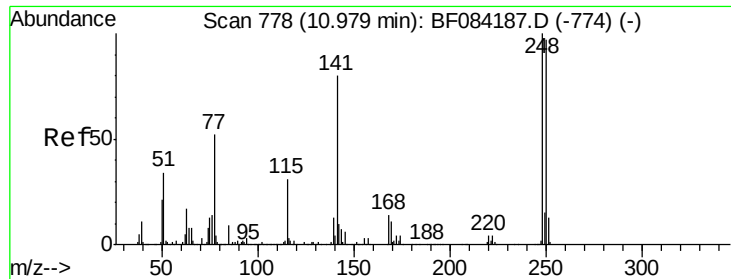


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

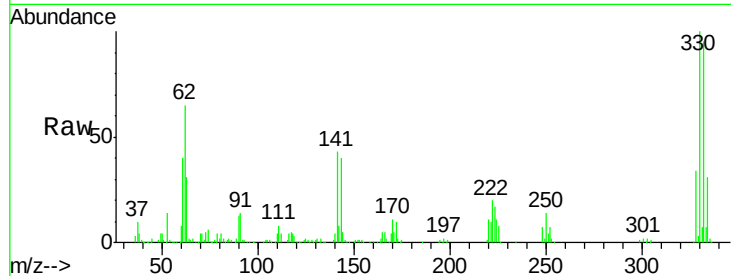




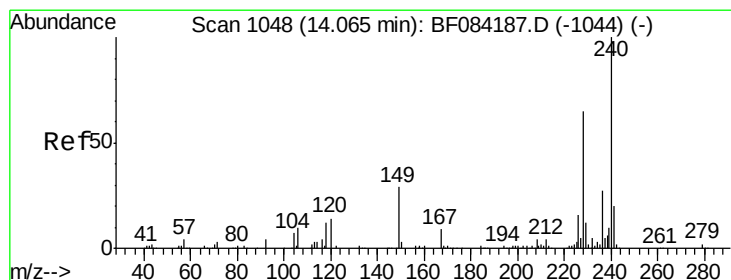
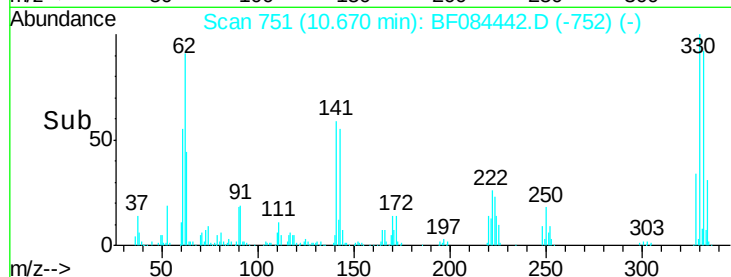
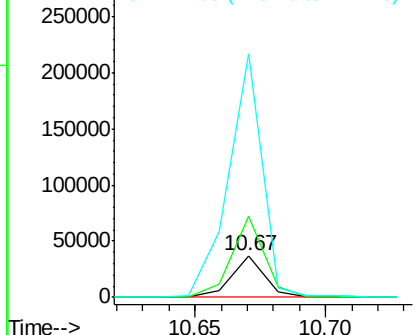
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.31 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9D

Tgt Ion:248 Resp: 32905
 Ion Ratio Lower Upper
 248 100
 250 195.1 78.4 117.6#
 141 588.6 44.0 66.0#

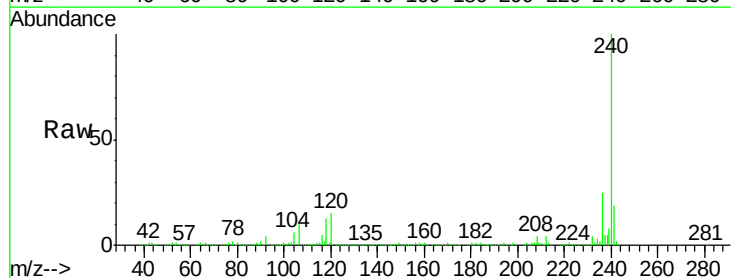


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

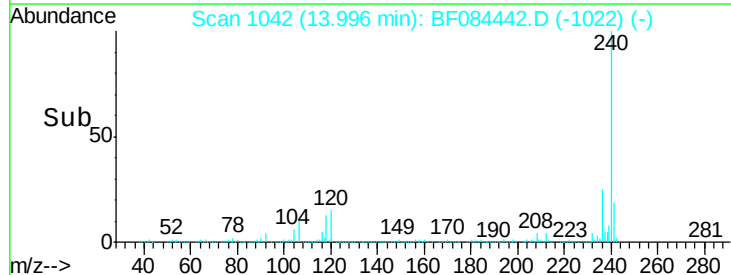
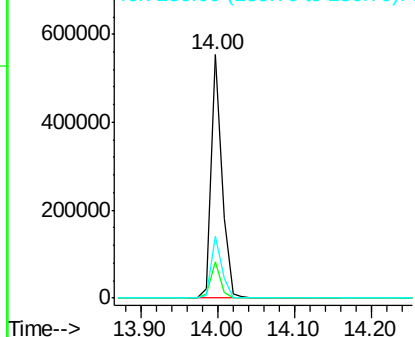


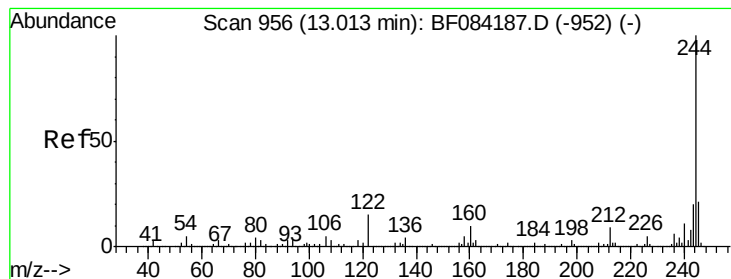
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.07 min
 Lab File: BF084442.D
 Acq: 13 Jan 2016 6:33

Tgt Ion:240 Resp: 535844
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 25.2 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: 85.72 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9D

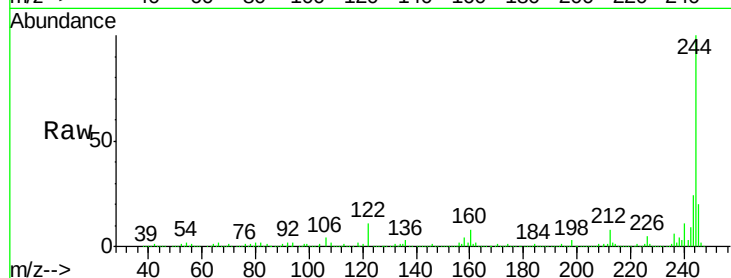
Tgt Ion:244 Resp: 2057768

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

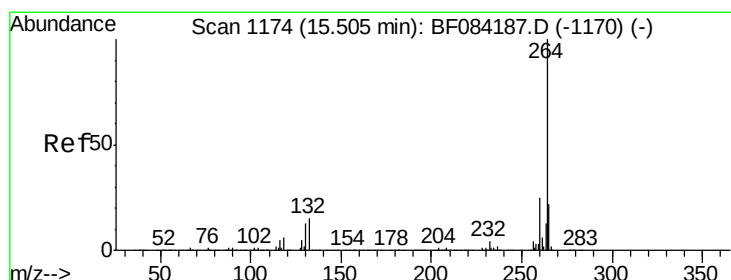
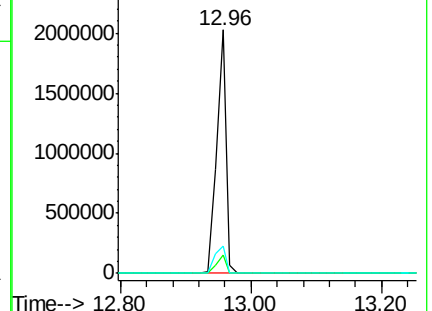
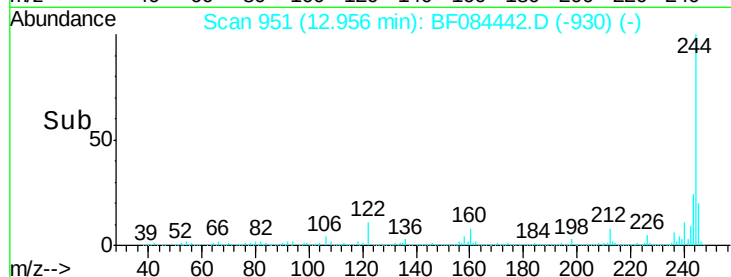
122 11.4 7.4 11.0#



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: 15.43 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF084442.D

Acq: 13 Jan 2016 6:33

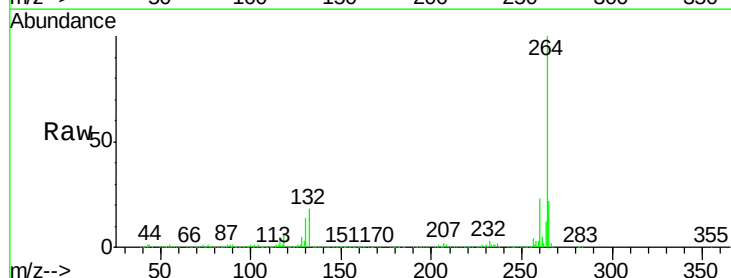
Tgt Ion:264 Resp: 457109

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.8 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

