

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084402.D
 Acq On : 12 Jan 2016 2:18
 Operator : SJ/UM
 Sample : H1066-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jan 12 04:50:07 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

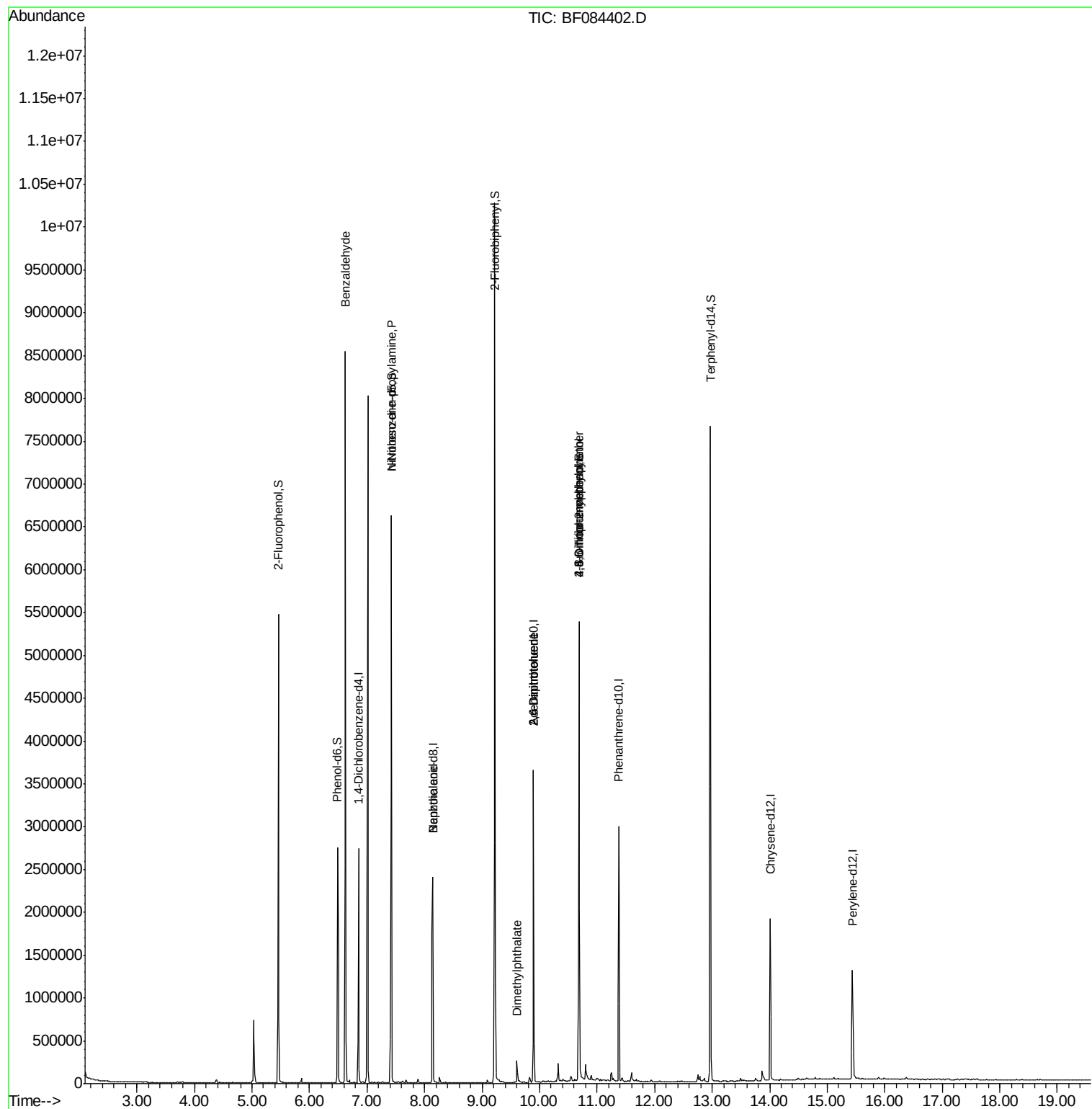
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	370180	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1456315	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	666856	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1071419	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	691522	20.00	ng	-0.06
86) Perylene-d12	15.44	264	594101	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1355883	59.24	ng	-0.03
7) Phenol-d6	6.49	99	1107301	38.52	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2459749	94.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	785923	116.74	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3082904	81.03	ng	-0.05
78) Terphenyl-d14	12.97	244	2479640	80.04	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.62	77	55955	2.99	ng	# 75
19) n-Nitroso-di-n-propylamine	7.42	70	355858	18.29	ng	# 75
32) Benzoic acid	8.14	122	223	6.26	ng	# 1
49) Dimethylphthalate	9.61	163	119035	2.50	ng	# 90
50) 2,6-Dinitrotoluene	9.89	165	84363	8.07	ng	# 38
54) Dibenzofuran	10.10	168	1208	Below Cal	#	91
56) 2,4-Dinitrotoluene	9.89	165	84667	6.40	ng	# 21
57) Fluorene	10.68	166	32411	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.68	198	1687	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	45274	3.93	ng	# 1
73) Di-n-butylphthalate	11.94	149	10537	Below Cal	#	96

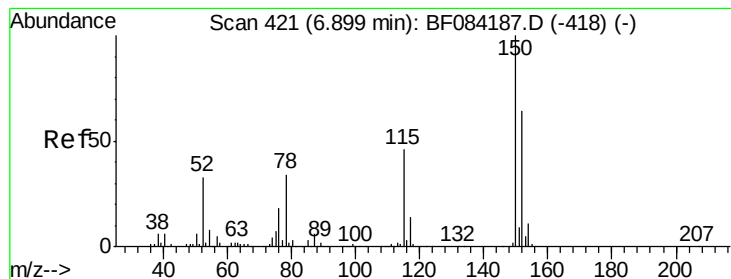
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084402.D
Acq On : 12 Jan 2016 2:18
Operator : SJ/UM
Sample : H1066-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10

Quant Time: Jan 12 04:50:07 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: BF084402.D

Acq: 12 Jan 2016 2:18

Instrument :

BNA_F

ClientSampleId :

MW-10

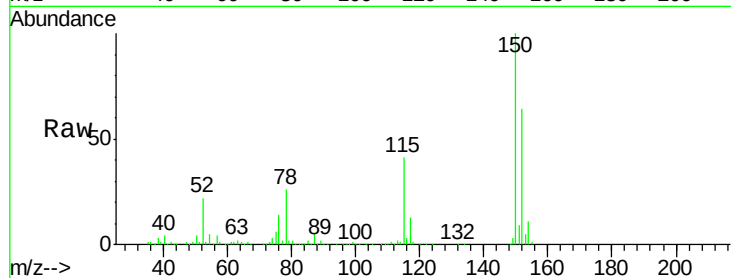
Tgt Ion:152 Resp: 370180

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

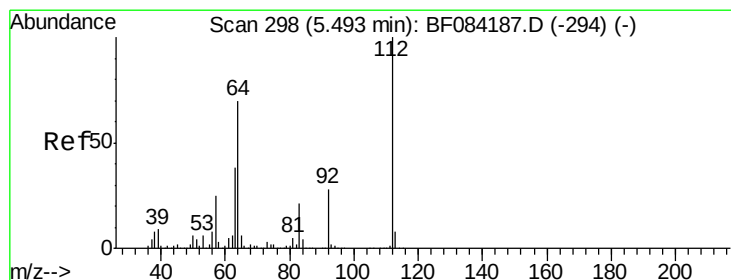
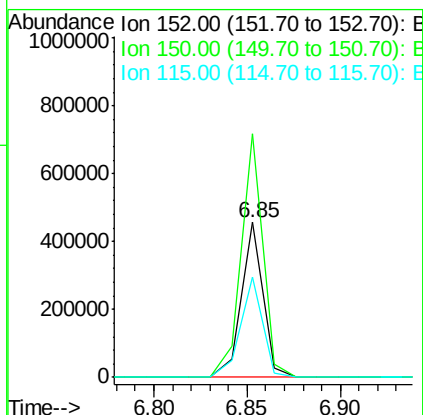
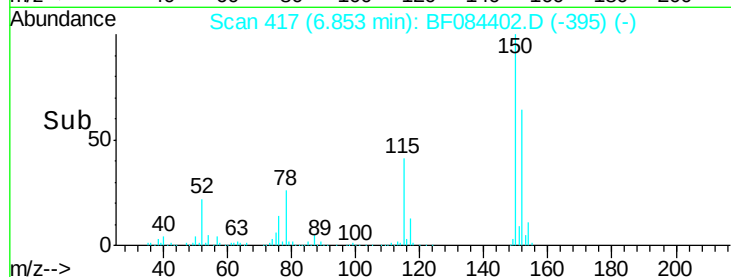
115 64.2 51.4 77.2



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: 59.24 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

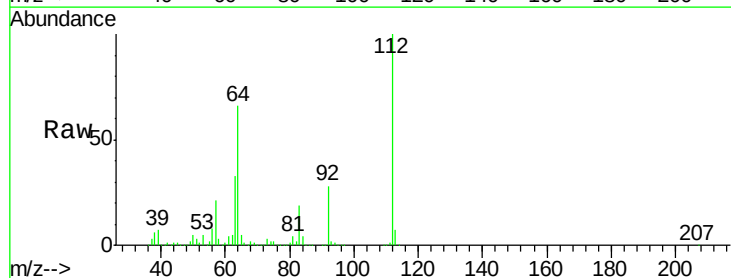
Tgt Ion:112 Resp: 1355883

Ion Ratio Lower Upper

112 100

64 66.3 36.6 55.0#

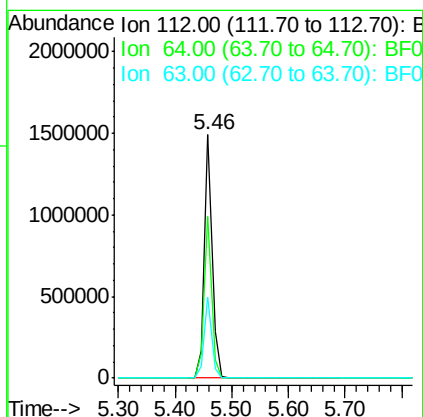
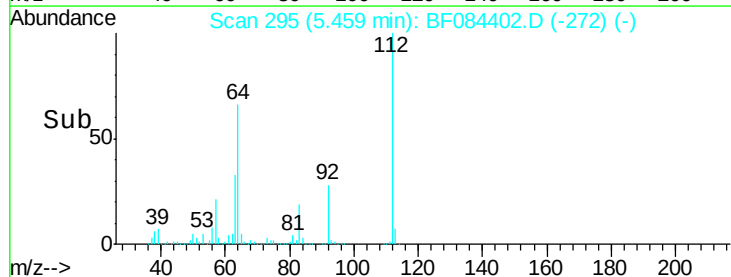
63 33.3 19.4 29.0#

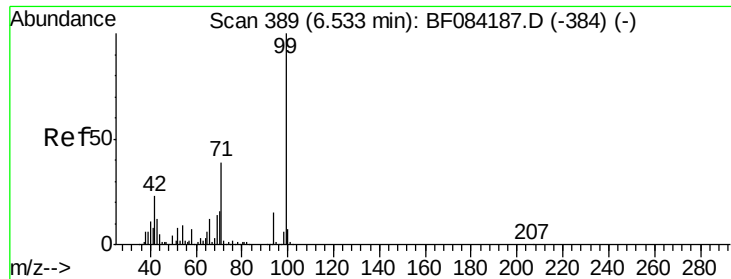


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

Instrument :

BNA_F

ClientSampleId :

MW-10

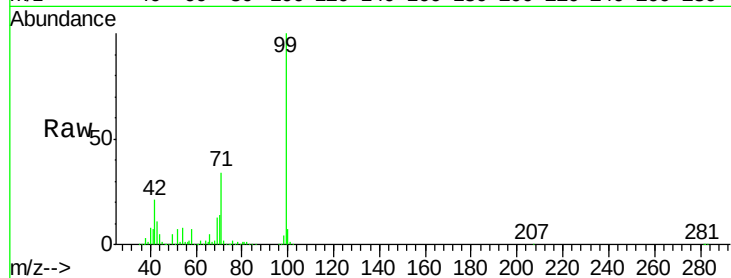
Tgt Ion: 99 Resp: 1107301

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

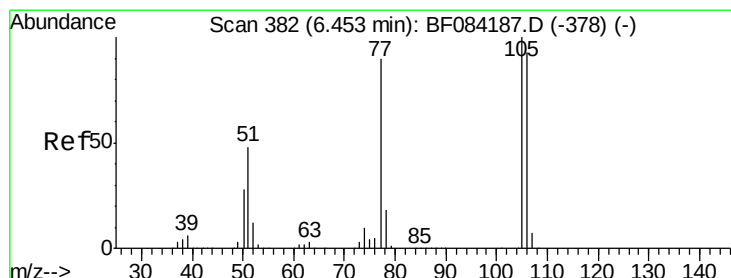
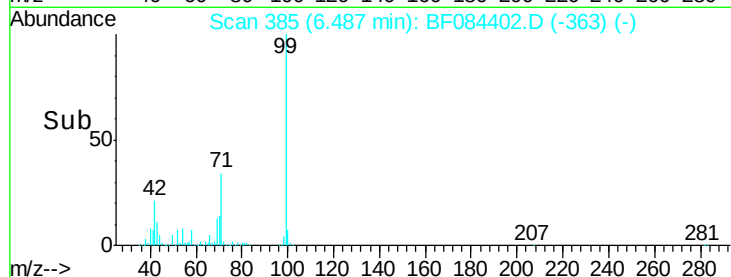
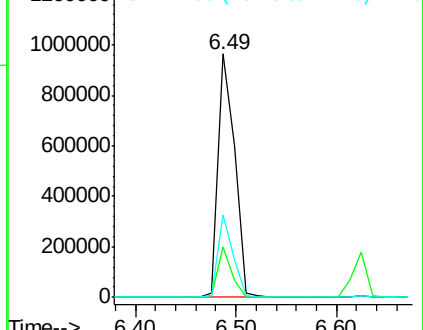
71 33.7 30.9 46.3



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: 2.99 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

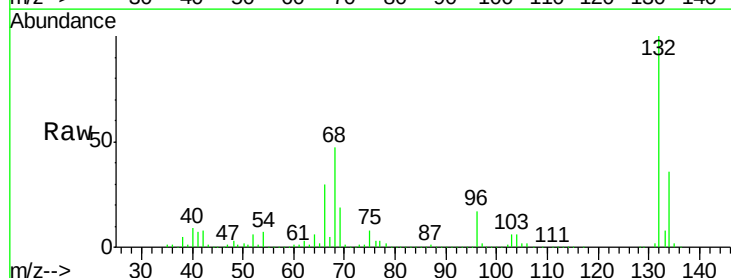
Tgt Ion: 77 Resp: 55955

Ion Ratio Lower Upper

77 100

105 74.9 83.0 123.0#

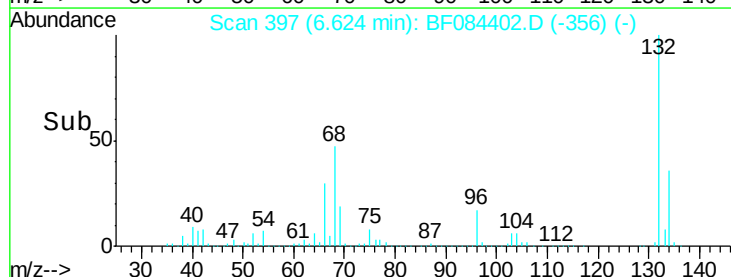
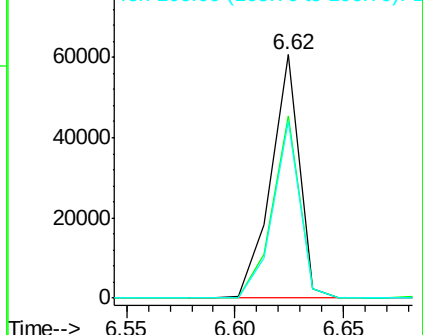
106 72.5 74.6 114.6#

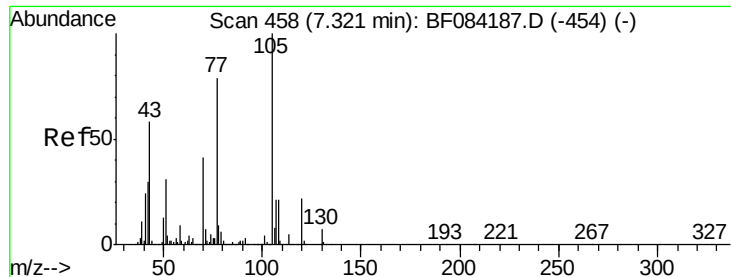


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

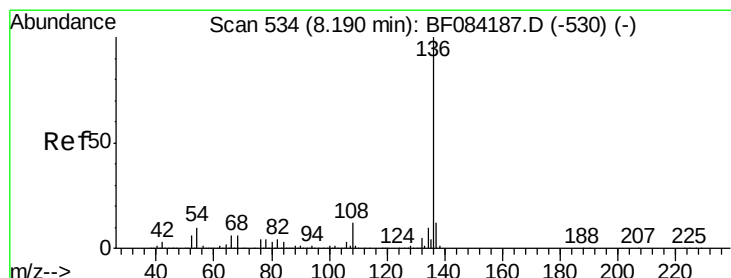
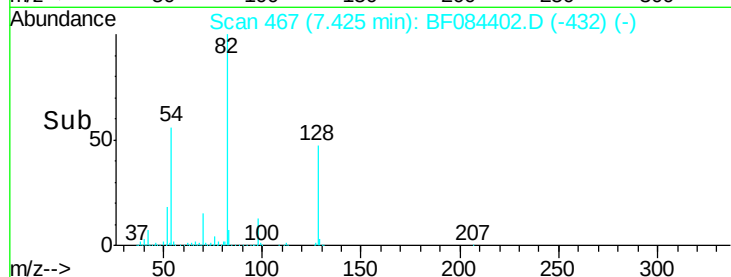
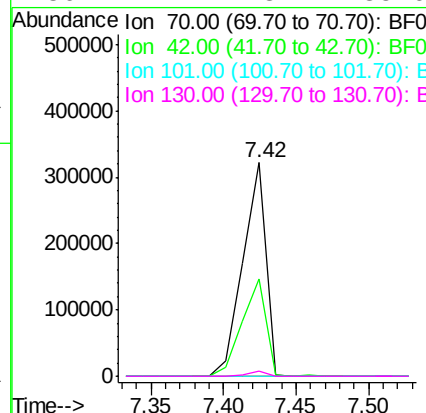
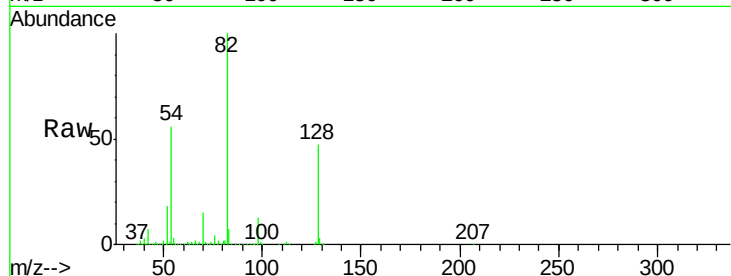




#19
n-Nitroso-di-n-propylamine
Concen: 18.29 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084402.D
Acq: 12 Jan 2016 2:18

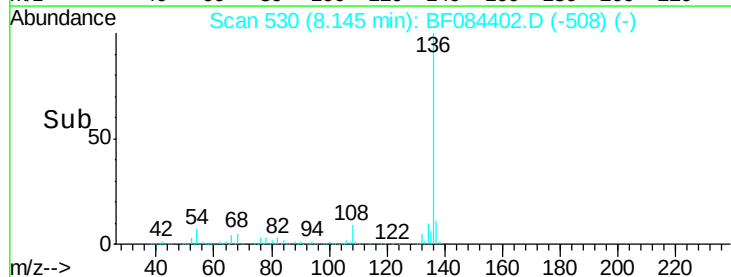
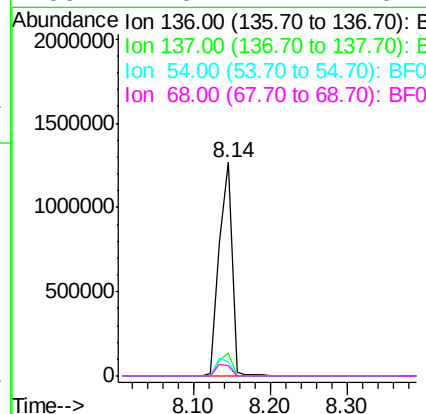
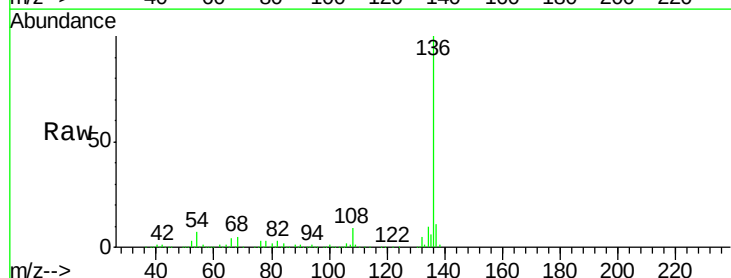
Instrument :
BNA_F
ClientSampleId :
MW-10

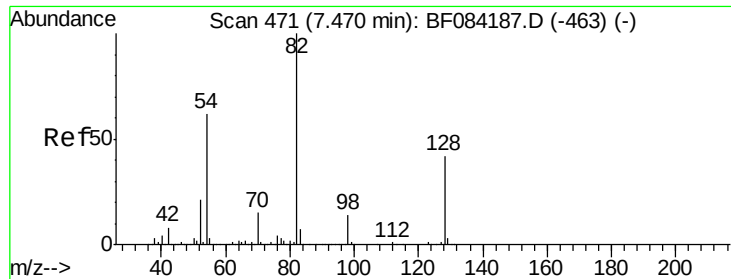
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084402.D
Acq: 12 Jan 2016 2:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.8	8.8
68	4.8	4.2	6.2

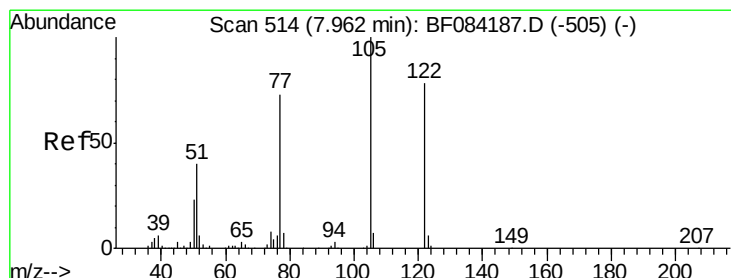
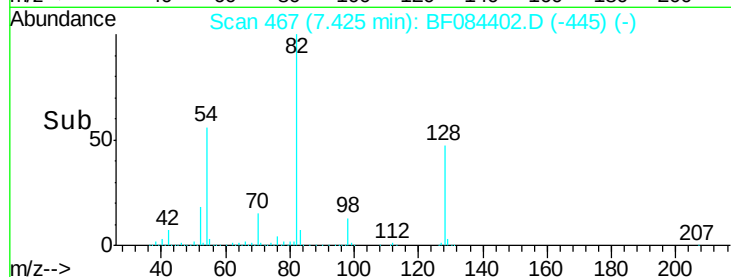
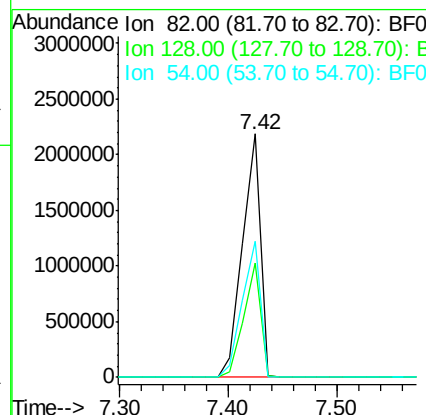
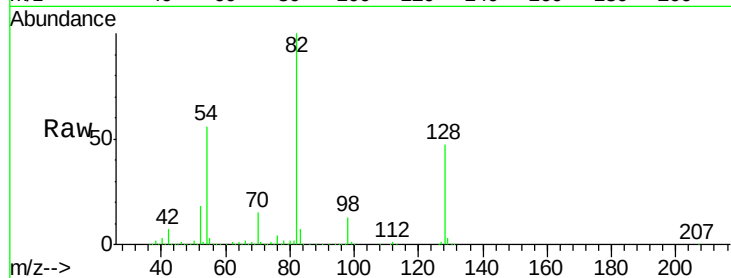




#23
 Nitrobenzene-d5
 Concen: 94.00 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

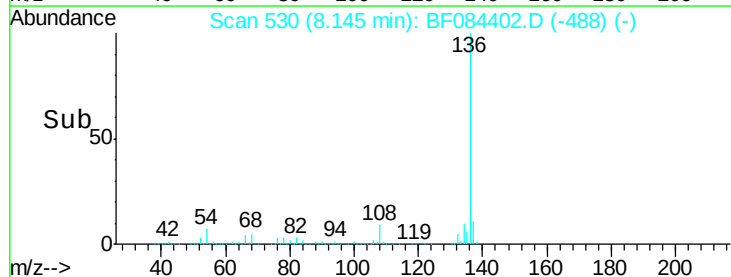
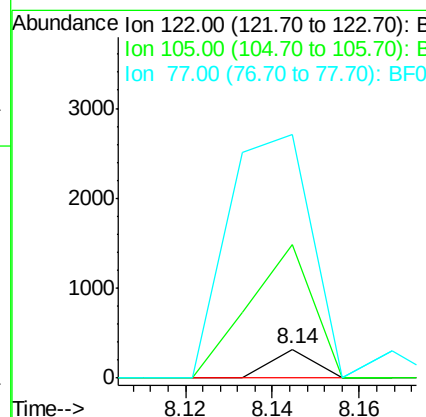
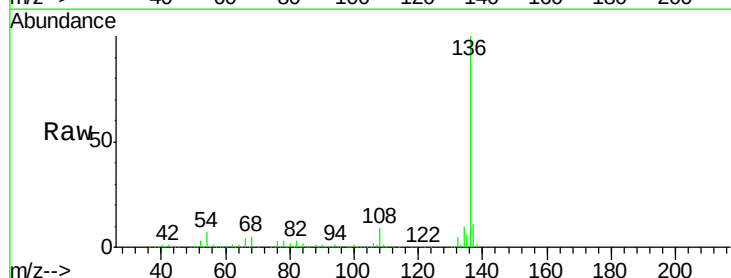
Instrument :
 BNA_F
 ClientSampleID :
 MW-10

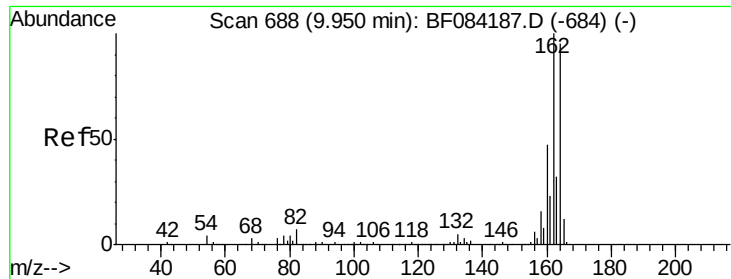
Tgt Ion: 82 Resp: 2459749
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.6 51.8
 54 55.8 38.4 57.6



#32
 Benzoic acid
 Concen: 6.26 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.18 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Tgt Ion: 122 Resp: 223
 Ion Ratio Lower Upper
 122 100
 105 459.1 100.3 140.3#
 77 832.9 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

Instrument :

BNA_F

ClientSampleId :

MW-10

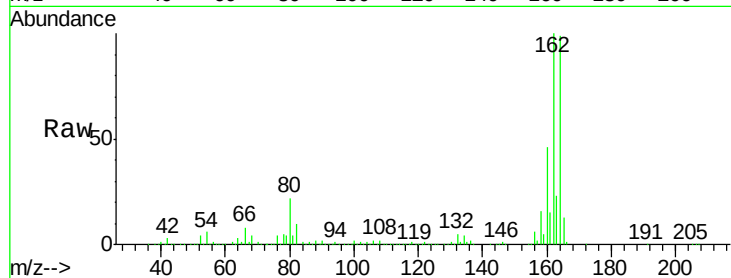
Tgt Ion:164 Resp: 666856

Ion Ratio Lower Upper

164 100

162 101.5 85.1 127.7

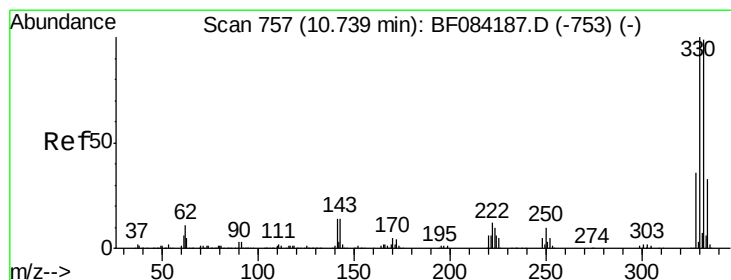
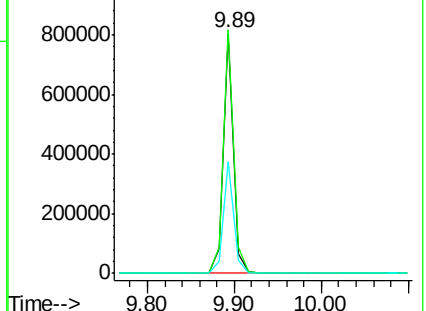
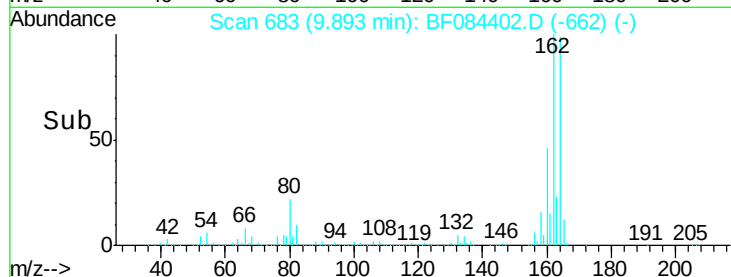
160 46.5 37.5 56.3



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: 116.74 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

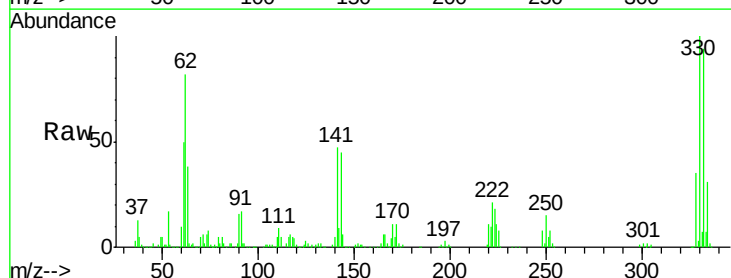
Tgt Ion:330 Resp: 785923

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

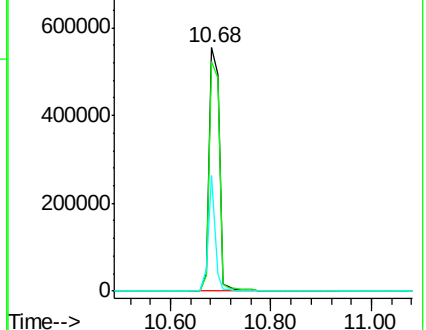
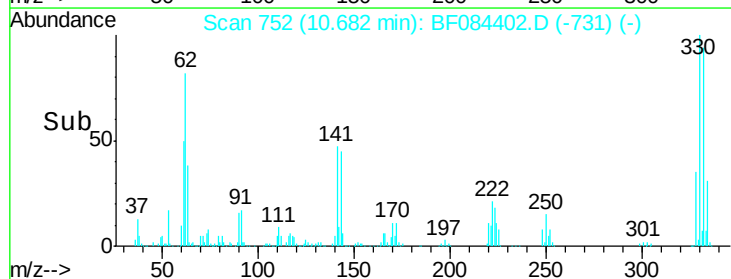
141 32.1 27.8 41.6

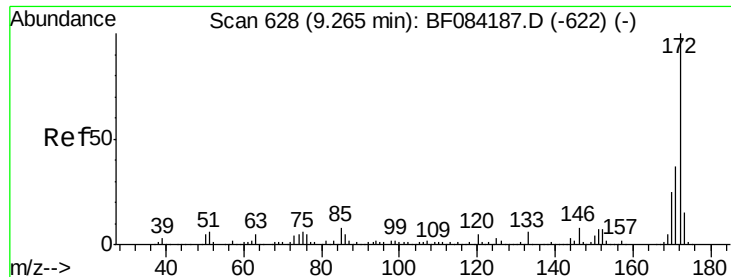


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

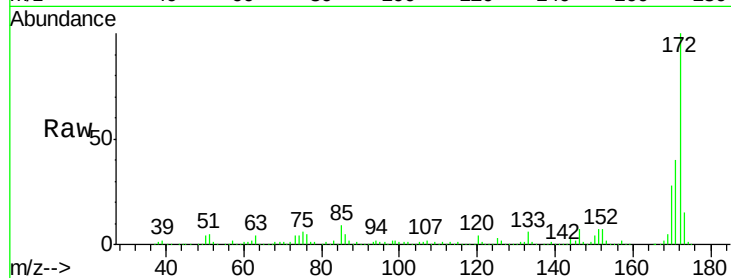




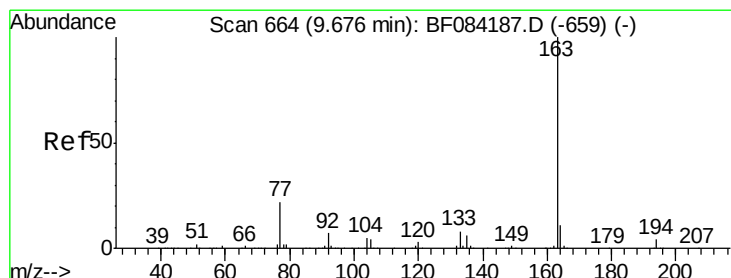
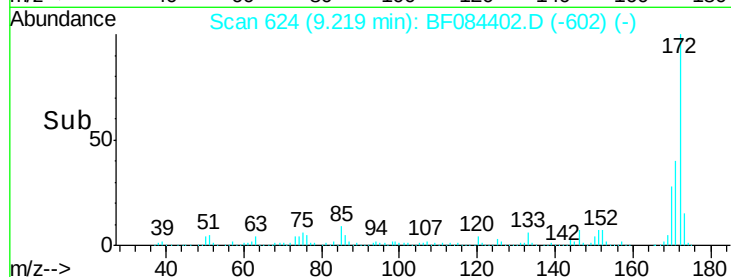
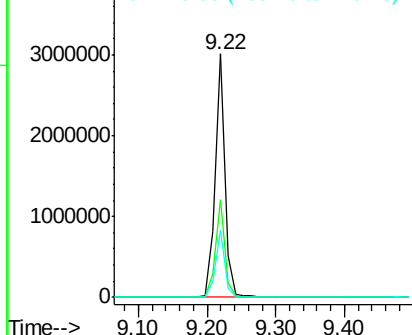
#44
2-Fluorobiphenyl
Concen: 81.03 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084402.D
Acq: 12 Jan 2016 2:18

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:172 Resp: 3082904
Ion Ratio Lower Upper
172 100
171 40.3 28.9 43.3
170 27.6 18.6 27.8

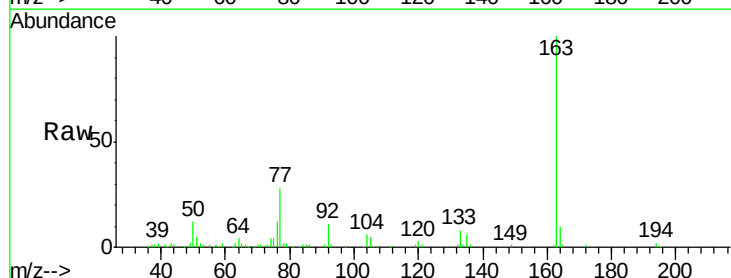


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

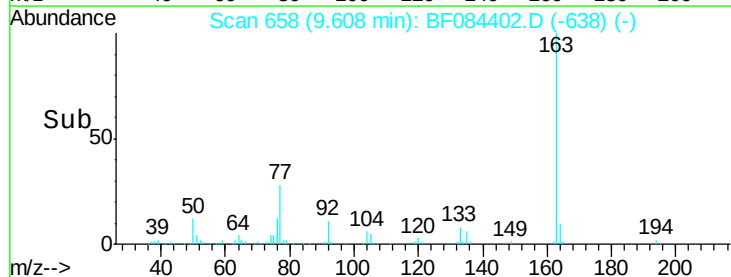
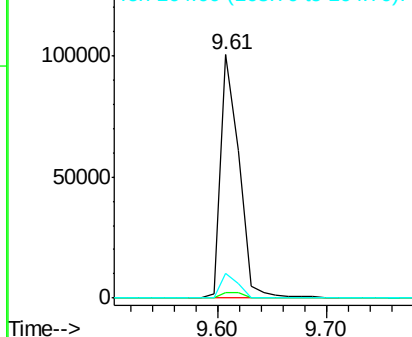


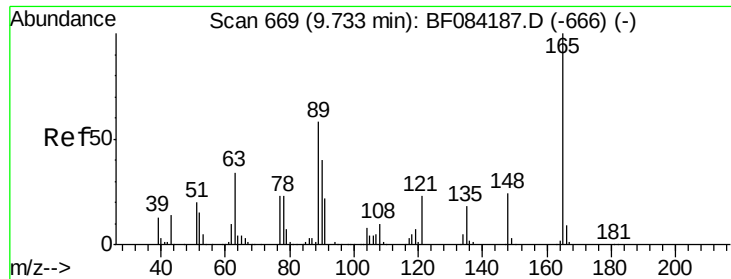
#49
Dimethylphthalate
Concen: 2.50 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF084402.D
Acq: 12 Jan 2016 2:18

Tgt Ion:163 Resp: 119035
Ion Ratio Lower Upper
163 100
194 2.4 8.0 12.0#
164 10.0 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

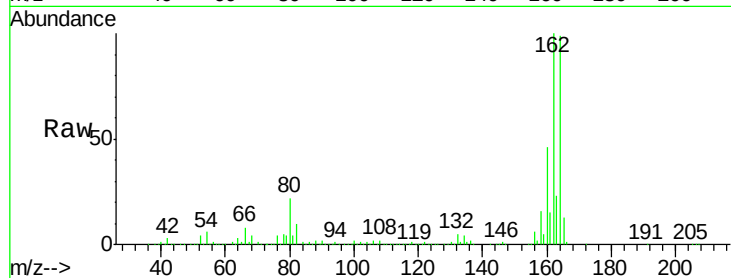




#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

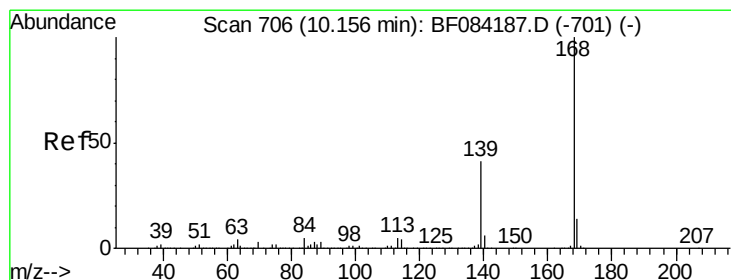
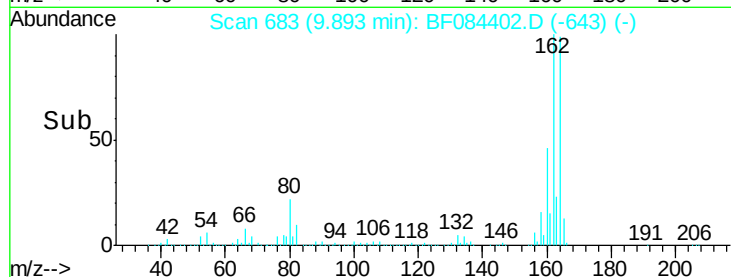
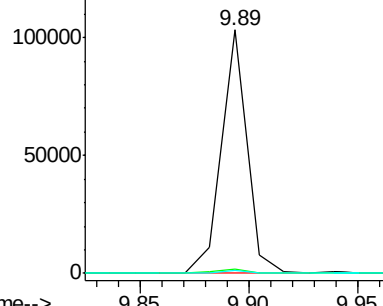
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.5	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

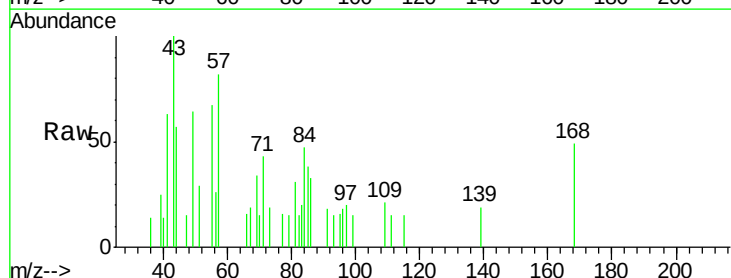
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.10 min Scan# 701
 Delta R.T. -0.06 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

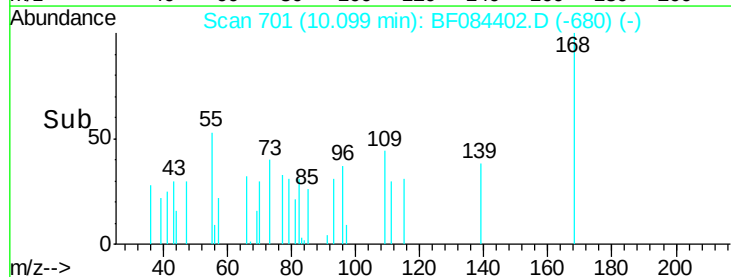
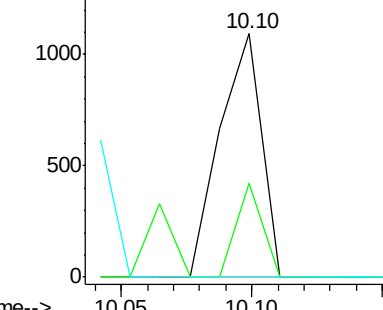
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	0.0	10.4	15.6#

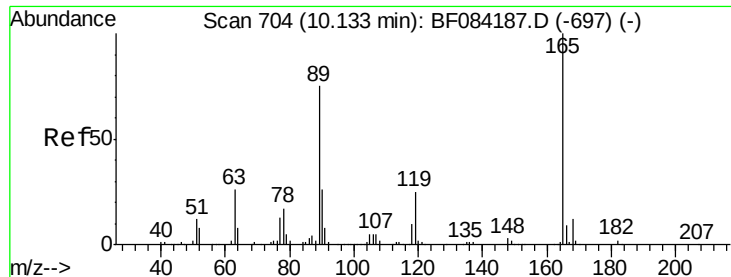


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

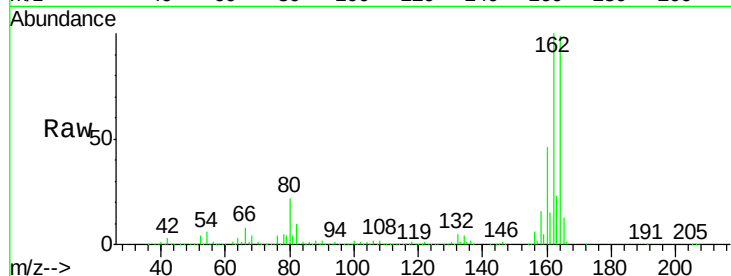




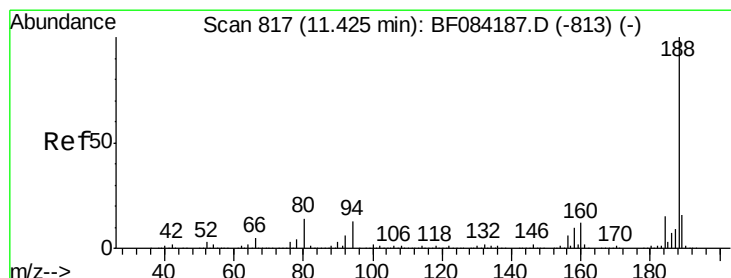
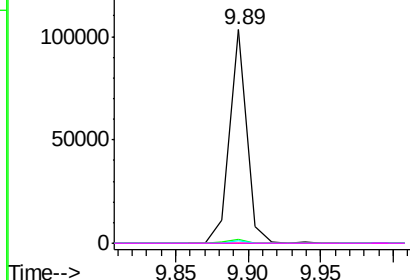
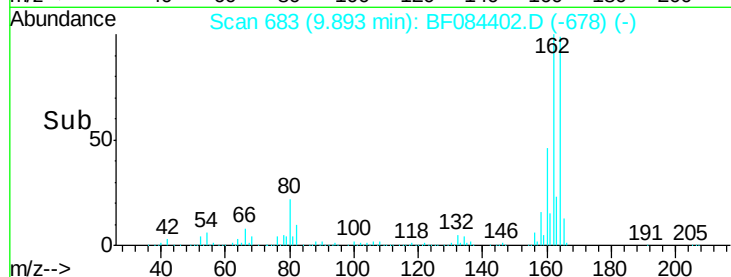
#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:165 Resp: 84667
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.5 61.9 92.9#
 182 0.0 2.0 3.0#

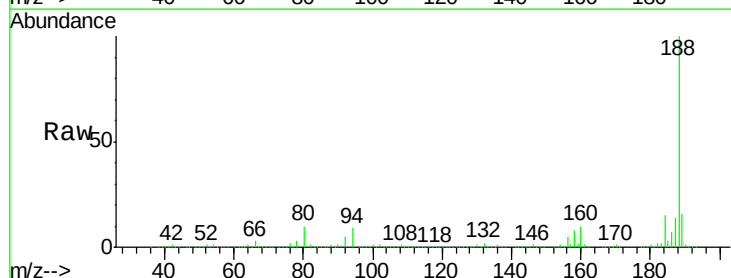


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

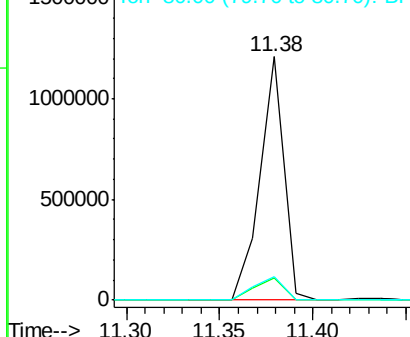
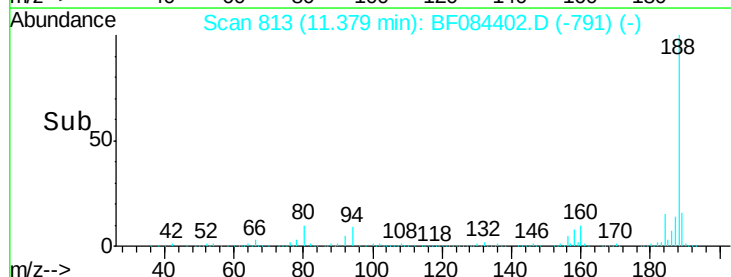


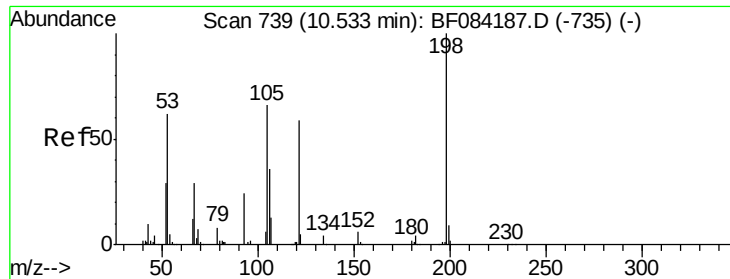
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Tgt Ion:188 Resp: 1071419
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.0 13.4
 80 9.5 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

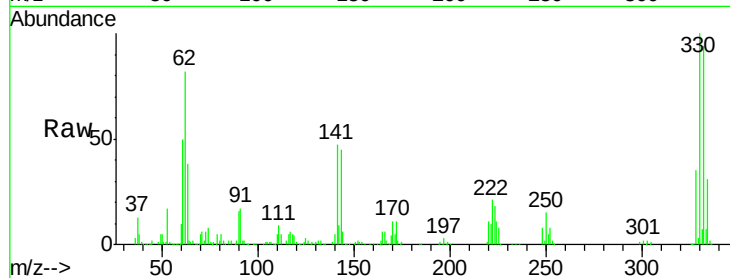




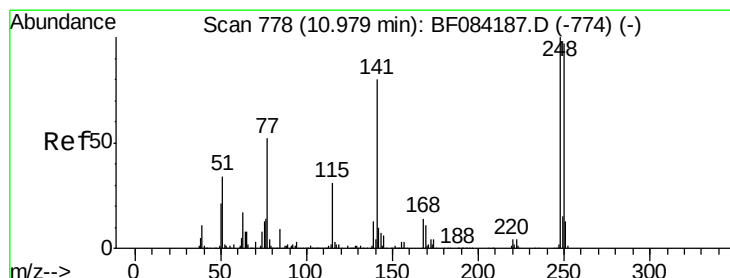
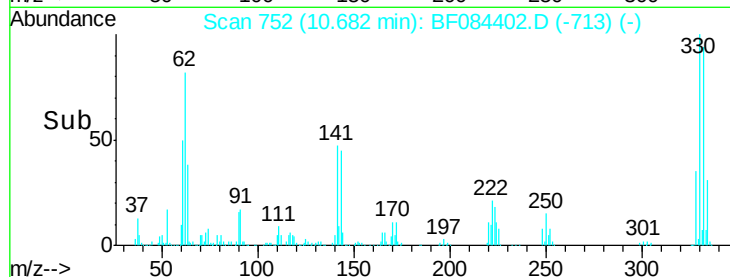
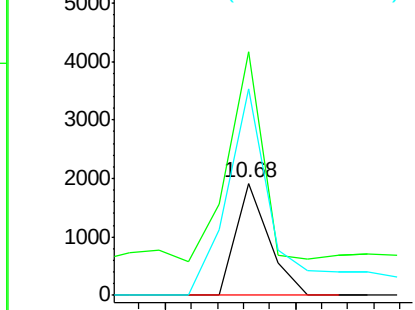
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:198 Resp: 1687
 Ion Ratio Lower Upper
 198 100
 51 217.7 18.9 58.9#
 105 184.4 26.4 66.4#

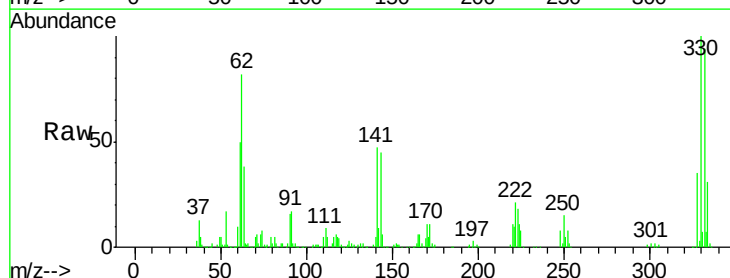


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

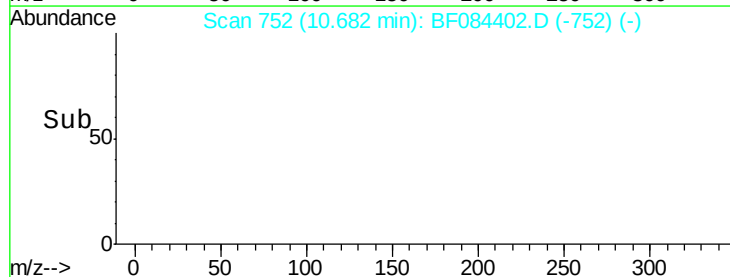
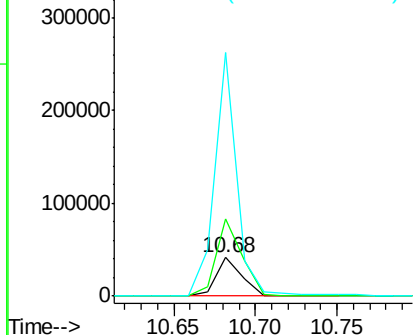


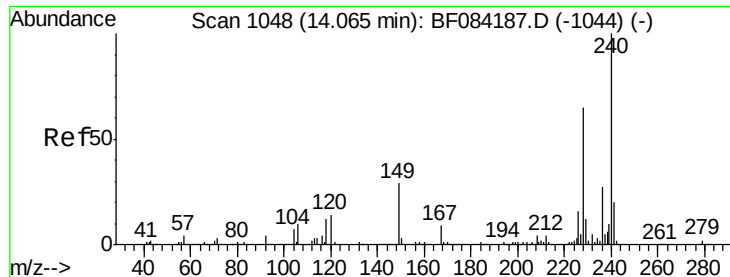
#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF084402.D
 Acq: 12 Jan 2016 2:18

Tgt Ion:248 Resp: 45274
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.4 117.6#
 141 629.4 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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

Instrument :

BNA_F

ClientSampleId :

MW-10

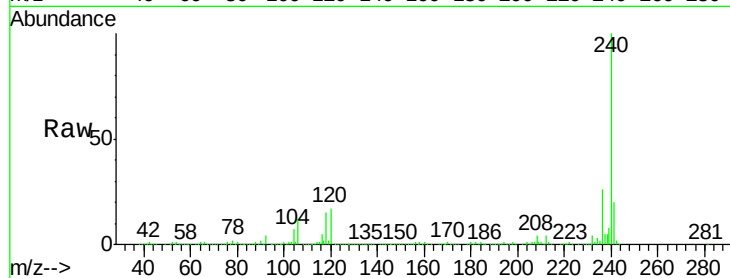
Tgt Ion:240 Resp: 691522

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

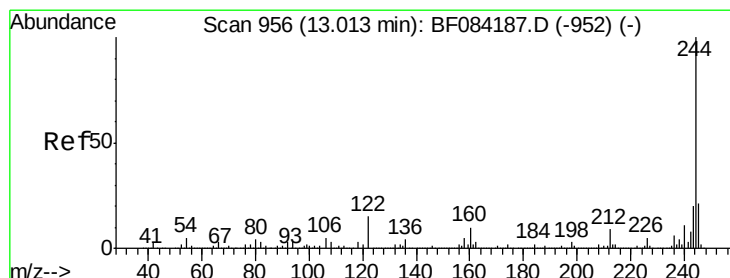
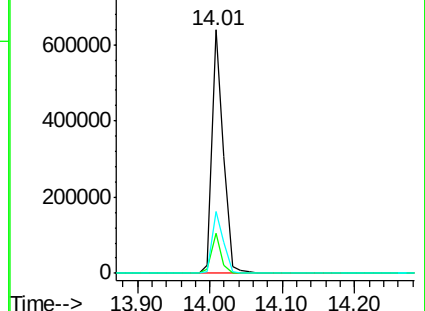
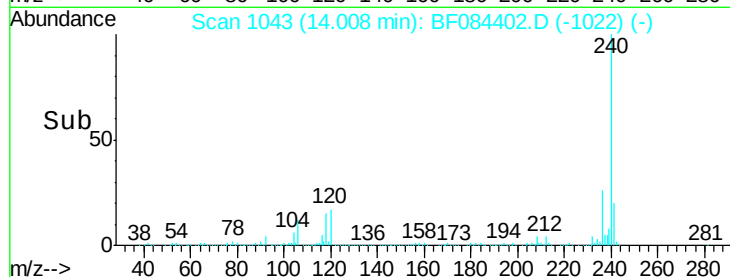
236 25.5 20.6 31.0



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: 80.04 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084402.D

Acq: 12 Jan 2016 2:18

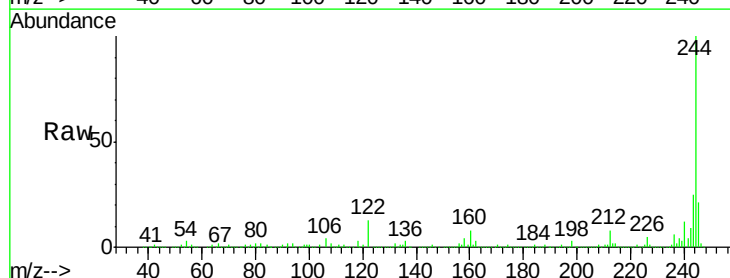
Tgt Ion:244 Resp: 2479640

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

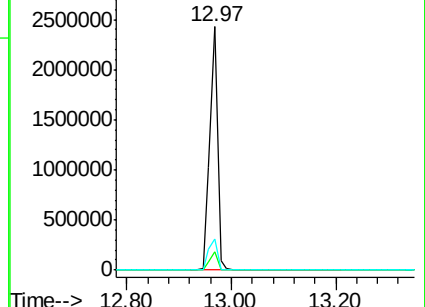
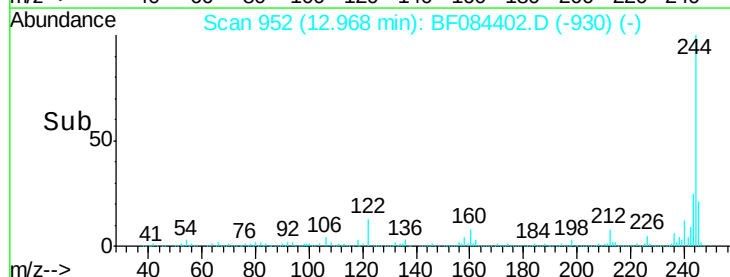
122 12.9 7.4 11.0#

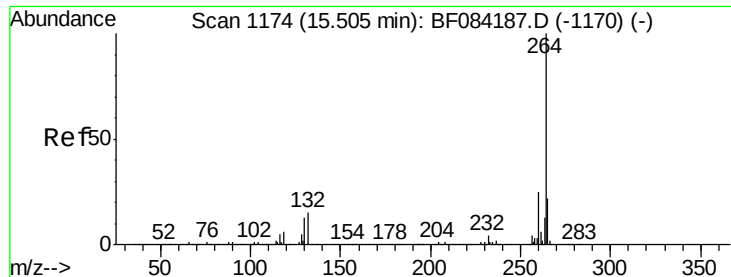


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084402.D
Acq: 12 Jan 2016 2:18

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 594101
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.0 17.8 26.6

