

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
 Data File : BF084530.D
 Acq On : 17 Jan 2016 12:30
 Operator : SJ/UM
 Sample : H1148-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 18 01:21:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

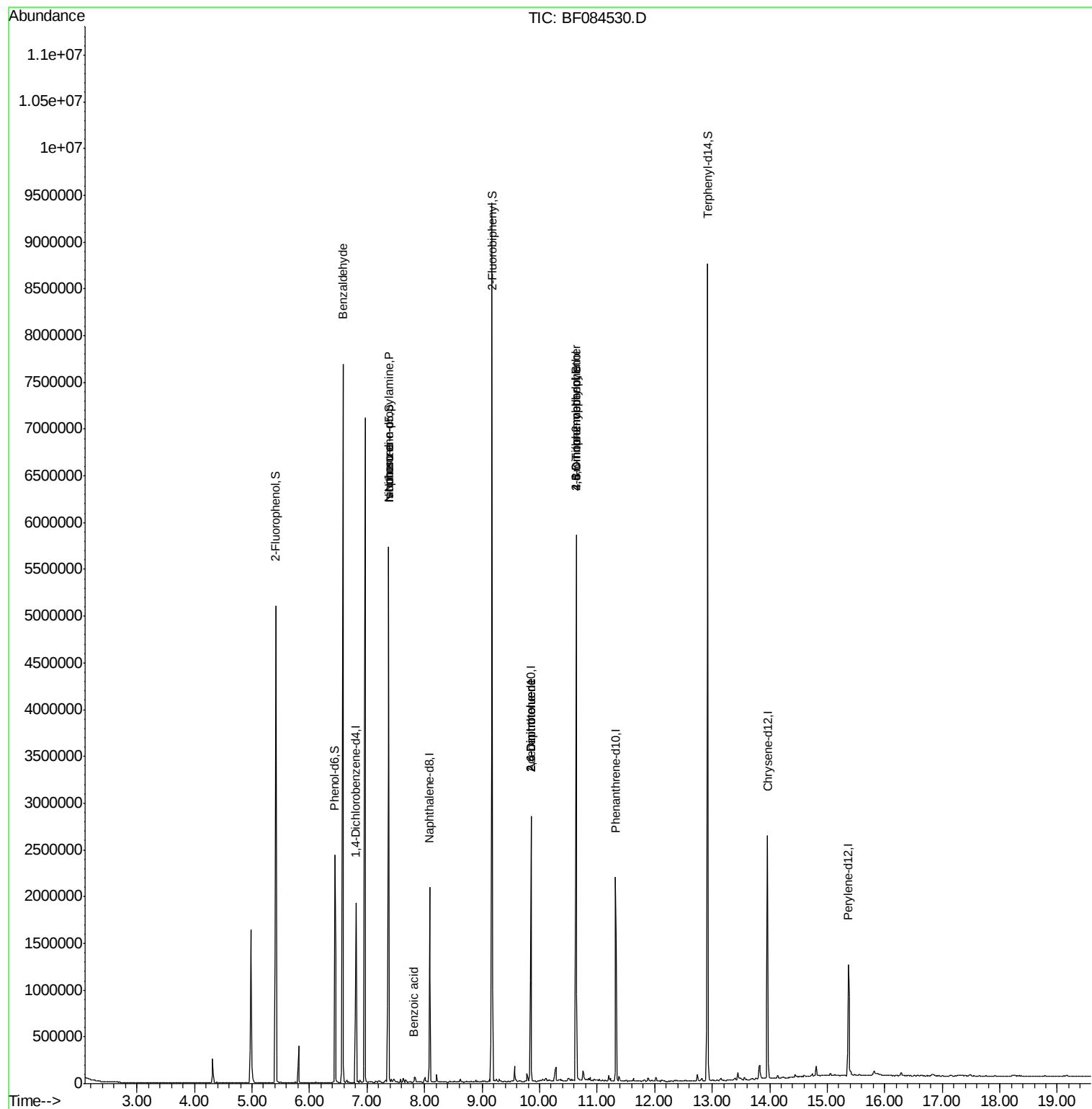
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	295862	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1147248	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	597782	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	1030920	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	882085	20.00	ng	-0.03
86) Perylene-d12	15.37	264	605312	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1269744	69.42	ng	-0.02
7) Phenol-d6	6.44	99	975871	42.48	ng	-0.03
23) Nitrobenzene-d5	7.38	82	2266692	109.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	760144	125.95	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	3056046	90.33	ng	-0.02
78) Terphenyl-d14	12.92	244	3044539	77.04	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	54797	3.66	ng	# 77
19) n-Nitroso-di-n-propylamine	7.38	70	326310	20.98	ng	# 74
25) Isophorone	7.38	82	2075170	52.64	ng	# 66
32) Benzoic acid	7.81	122	3590	6.50	ng	# 94
50) 2,6-Dinitrotoluene	9.85	165	78410	8.37	ng	# 38
54) Dibenzofuran	10.05	168	2361	Below Cal		# 80
56) 2,4-Dinitrotoluene	9.85	165	78410	6.61	ng	# 22
57) Fluorene	10.38	166	1699	Below Cal		# 80
60) 4-Chlorophenyl-phenylether	10.38	204	541	Below Cal		# 68
64) 4,6-Dinitro-2-methylphenol	10.64	198	1592	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	46131	4.16	ng	# 1
73) Di-n-butylphthalate	11.89	149	18547	Below Cal		# 98

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

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Quant Time: Jan 18 01:21:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-13

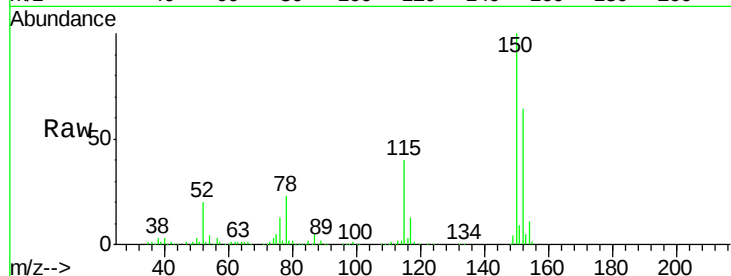
Tgt Ion:152 Resp: 295862

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

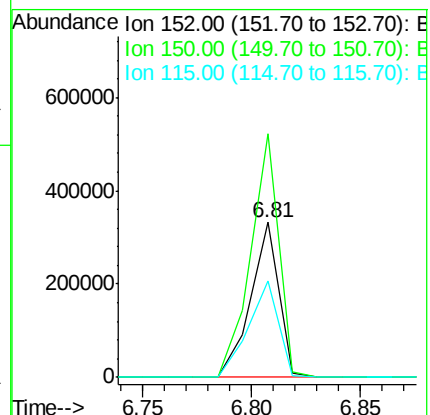
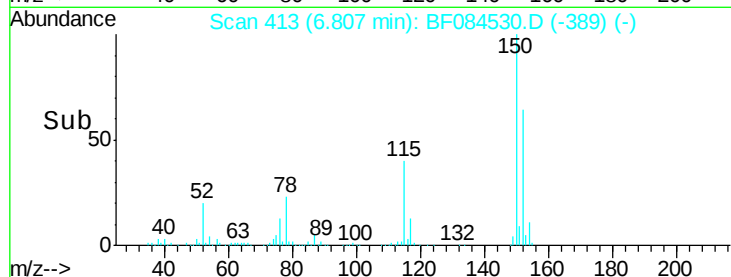
115 62.4 51.4 77.2



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: 69.42 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

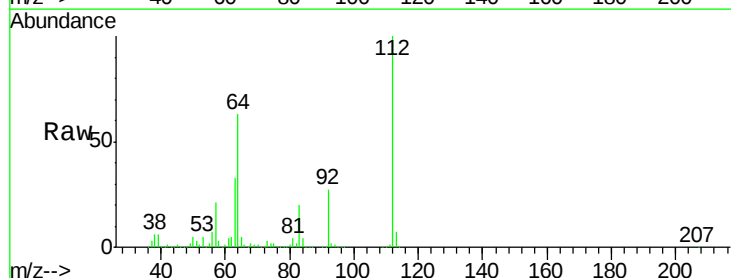
Tgt Ion:112 Resp: 1269744

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

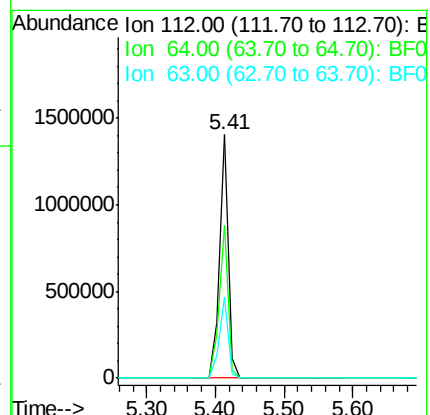
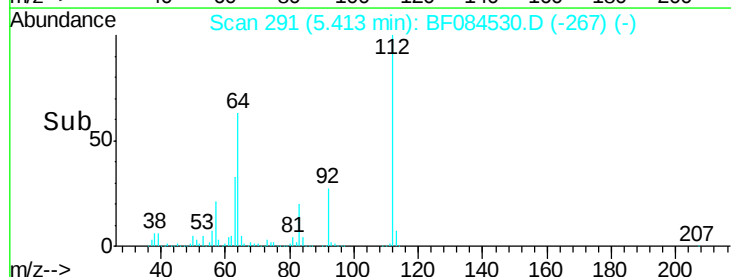
63 33.2 19.4 29.0#

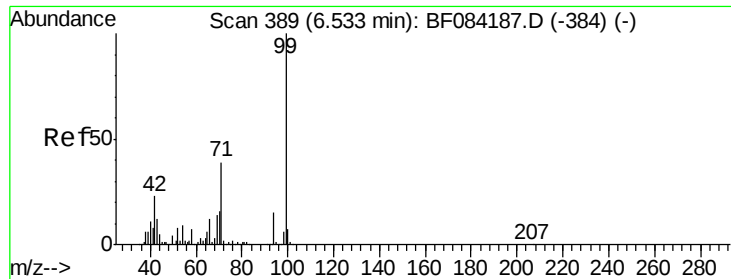


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.48 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampled :

MW-13

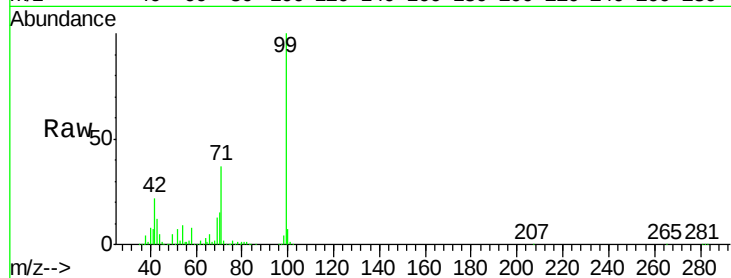
Tgt Ion: 99 Resp: 975871

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

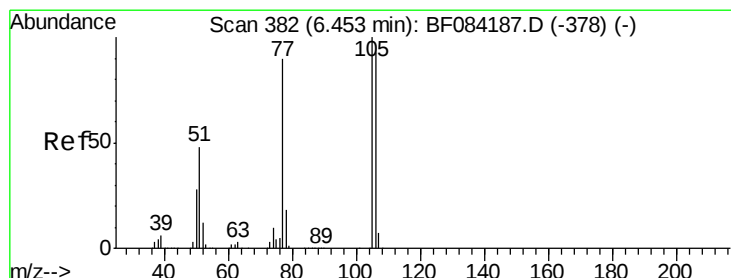
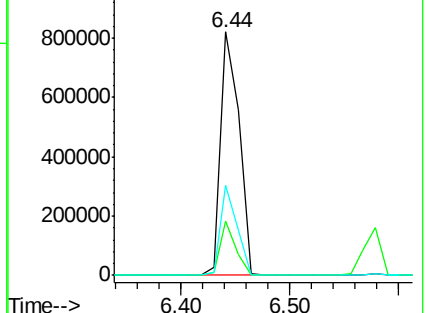
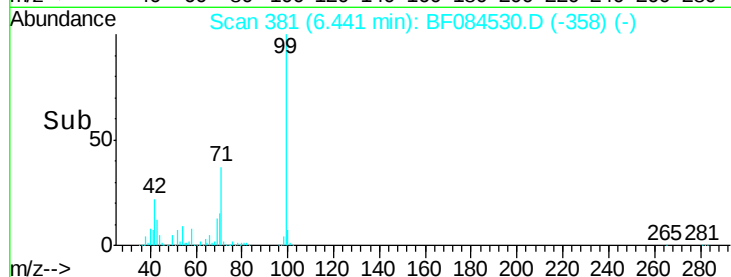
71 37.0 30.9 46.3



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: 3.66 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.19 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

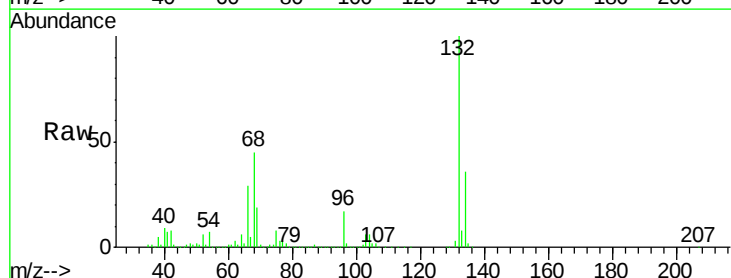
Tgt Ion: 77 Resp: 54797

Ion Ratio Lower Upper

77 100

105 80.9 83.0 123.0#

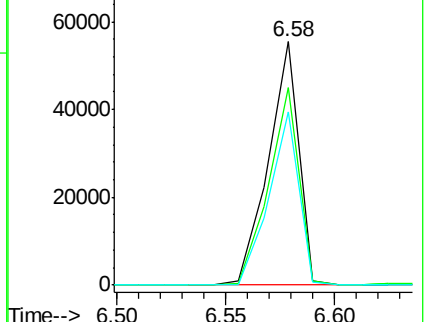
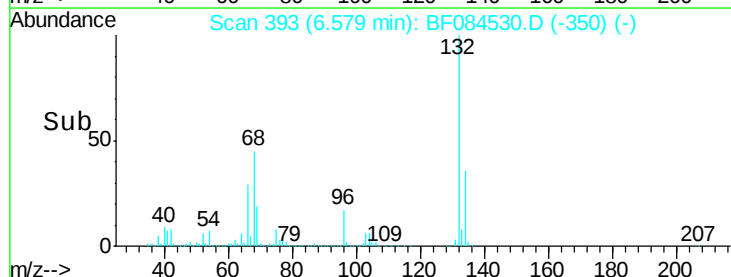
106 71.2 74.6 114.6#



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

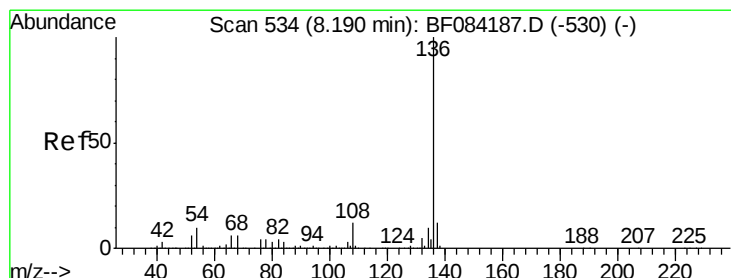
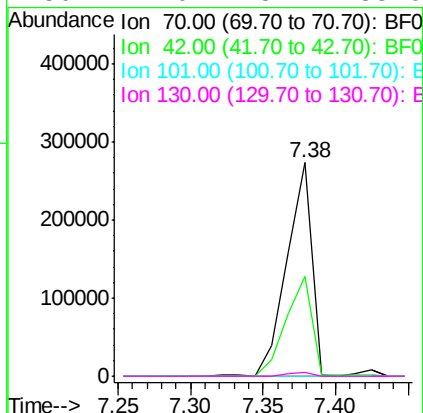
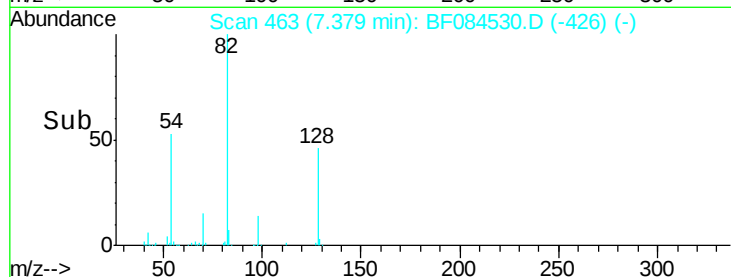
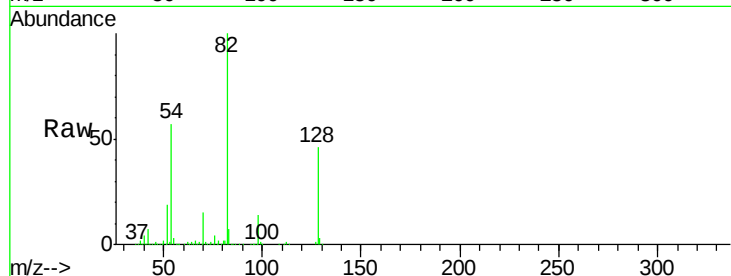




#19
n-Nitroso-di-n-propylamine
Concen: 20.98 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.13 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

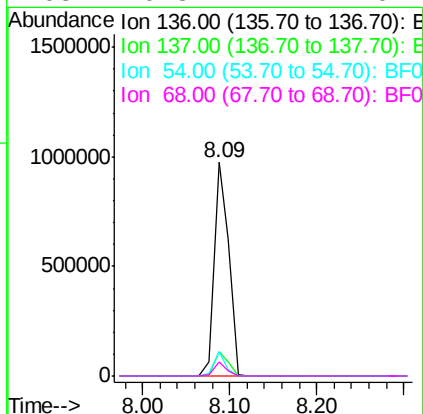
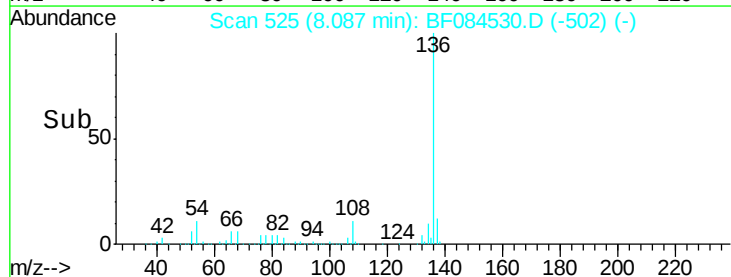
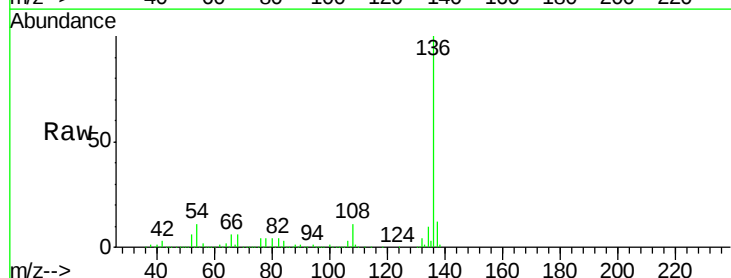
Instrument :
BNA_F
ClientSampleId :
MW-13

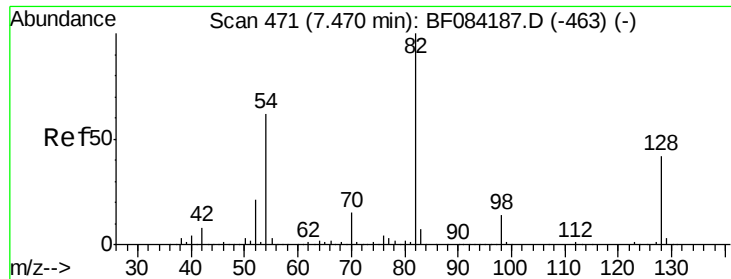
Tgt Ion: 70 Resp: 326310
Ion Ratio Lower Upper
70 100
42 46.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Tgt Ion: 136 Resp: 1147248
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.2 5.8 8.8#
68 6.3 4.2 6.2#

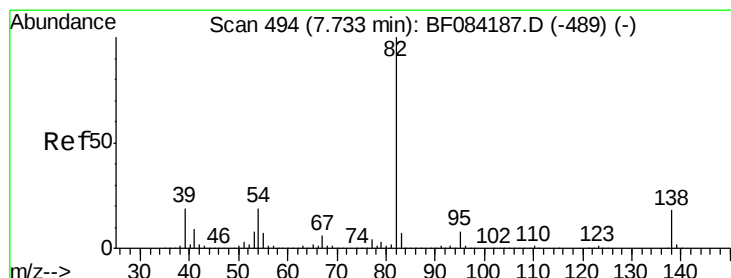
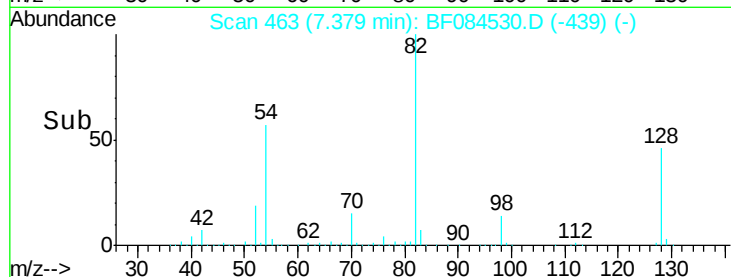
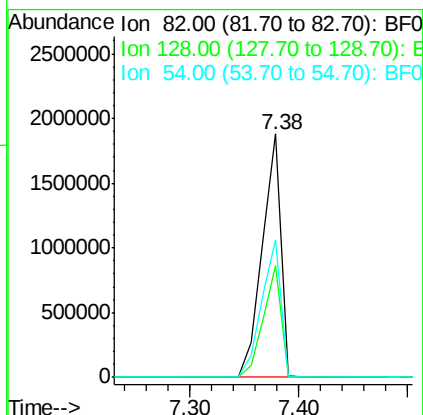
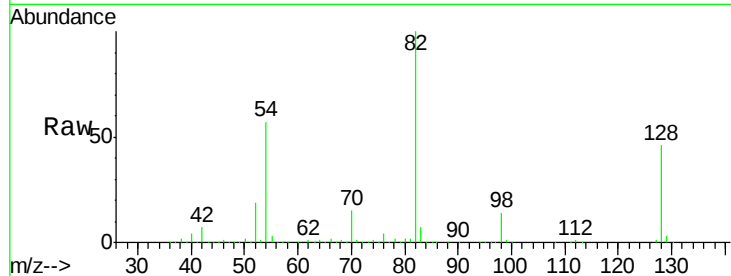




#23
Nitrobenzene-d5
Concen: 109.96 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

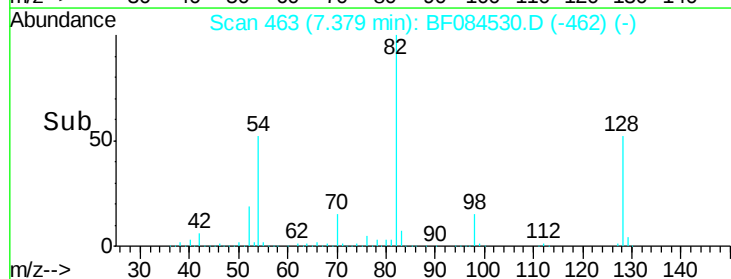
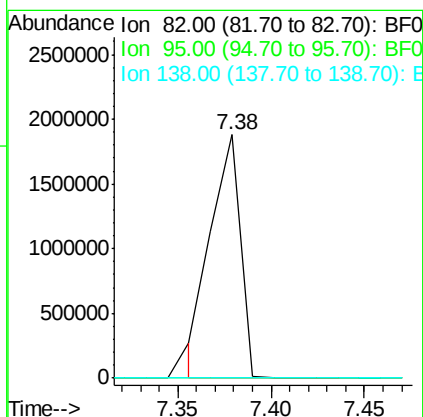
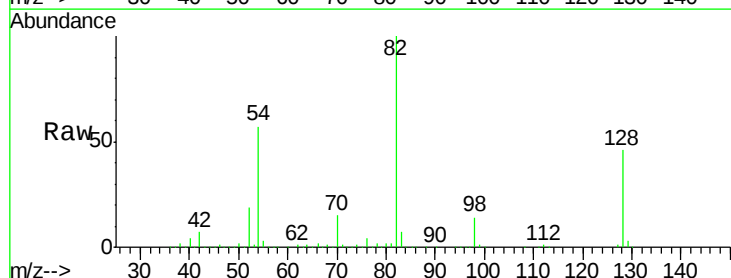
Instrument :
BNA_F
ClientSampleId :
MW-13

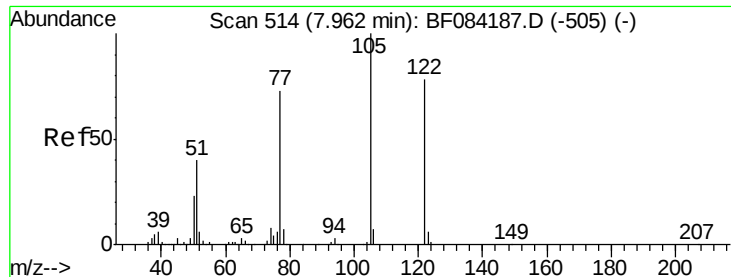
Tgt Ion: 82 Resp: 2266692
Ion Ratio Lower Upper
82 100
128 46.1 34.6 51.8
54 56.6 38.4 57.6



#25
Isophorone
Concen: 52.64 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.29 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Tgt Ion: 82 Resp: 2075170
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#





#32

Benzoic acid

Concen: 6.50 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.08 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-13

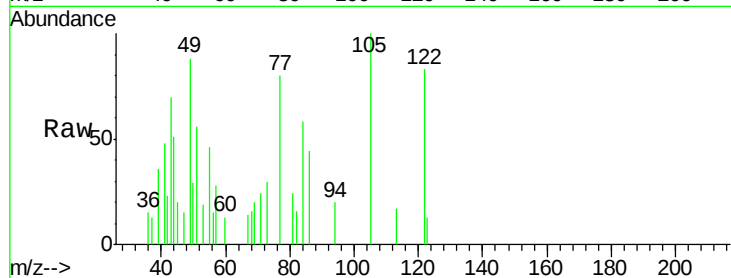
Tgt Ion:122 Resp: 3590

Ion Ratio Lower Upper

122 100

105 120.5 100.3 140.3

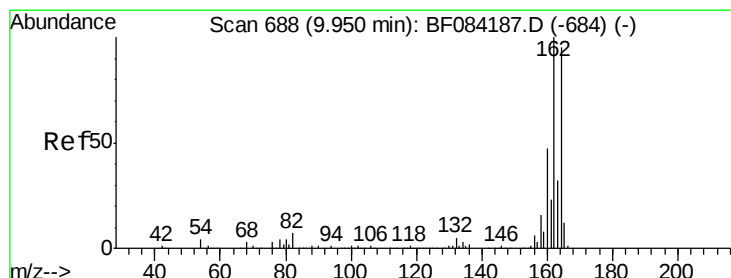
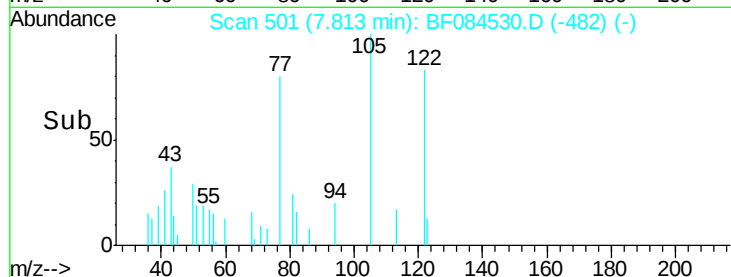
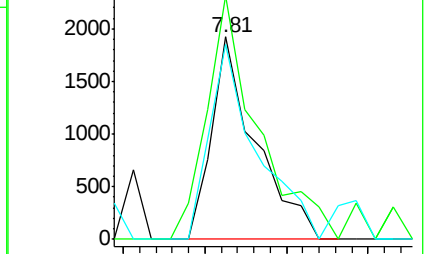
77 96.6 63.5 103.5



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: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

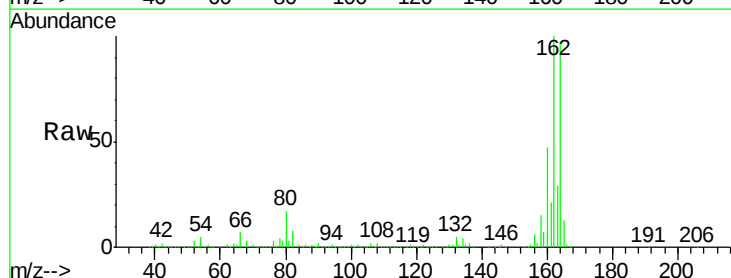
Tgt Ion:164 Resp: 597782

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

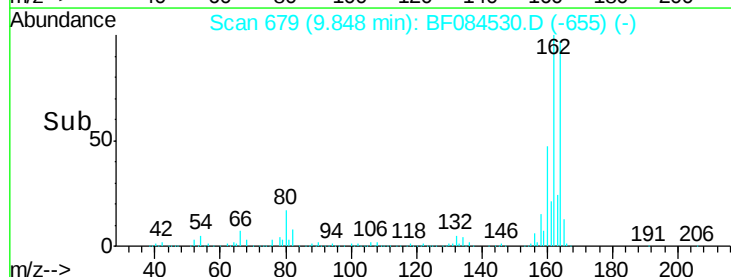
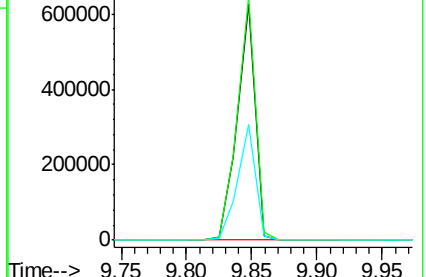
160 48.7 37.5 56.3

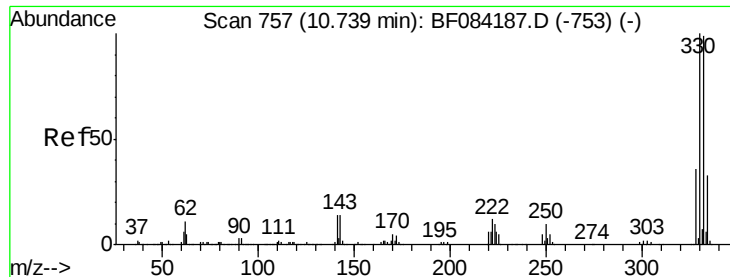


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

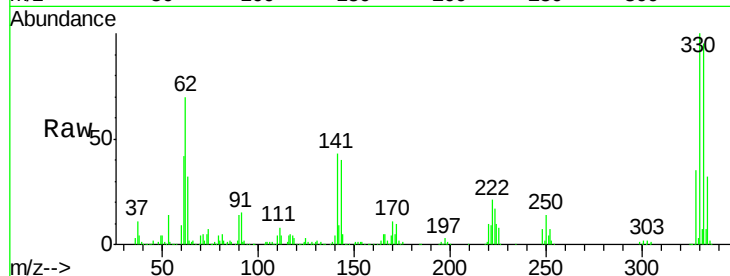




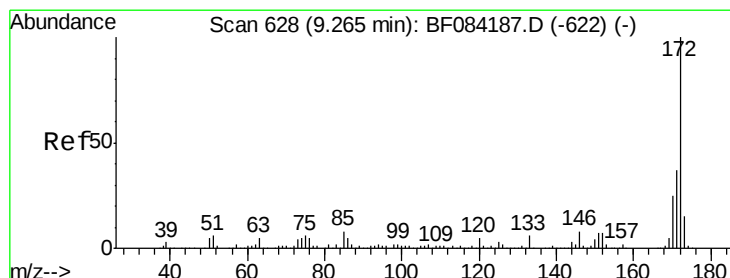
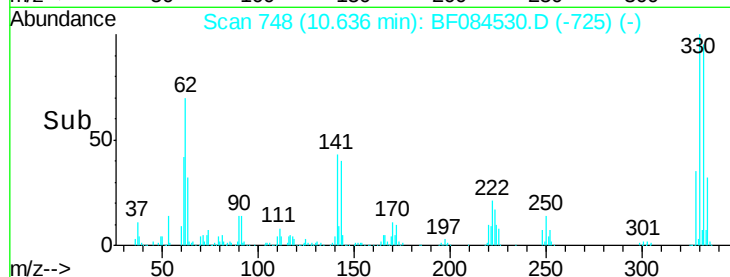
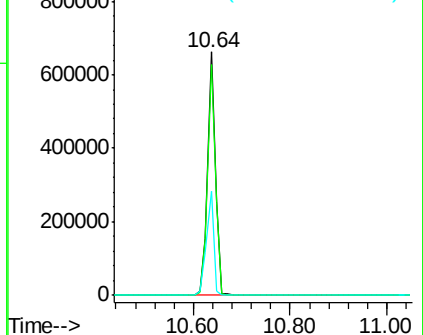
#41
 2,4,6-Tribromophenol
 Concen: 125.95 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:330 Resp: 760144
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 38.2 27.8 41.6

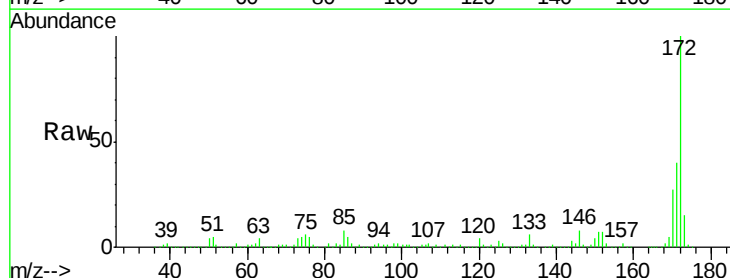


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

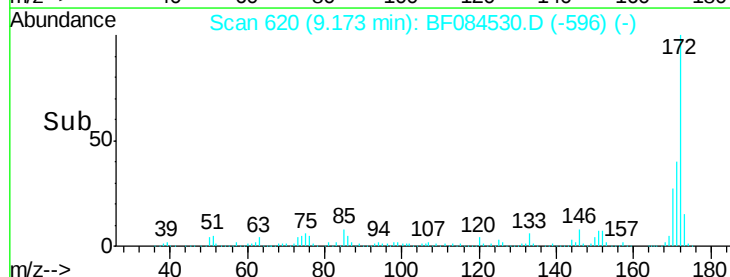
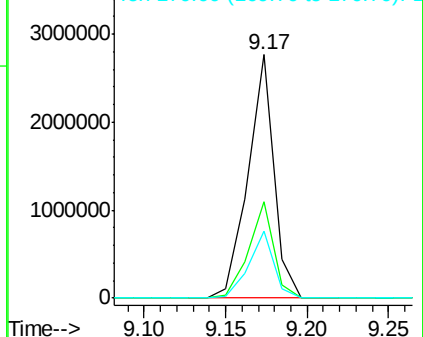


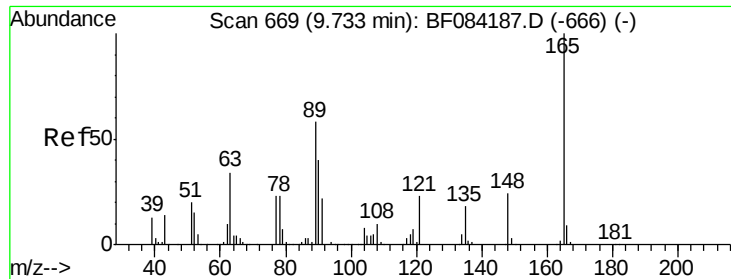
#44
 2-Fluorobiphenyl
 Concen: 90.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Tgt Ion:172 Resp: 3056046
 Ion Ratio Lower Upper
 172 100
 171 39.6 28.9 43.3
 170 27.4 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

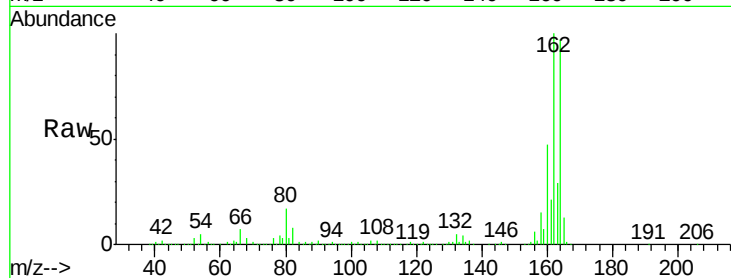




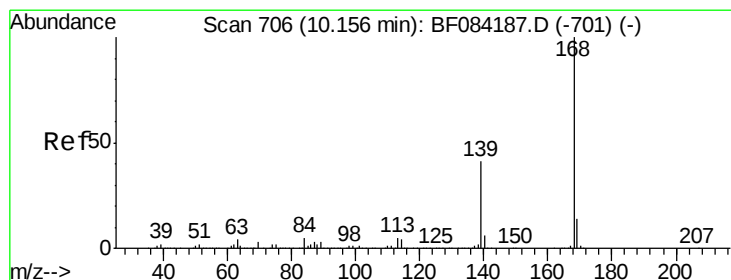
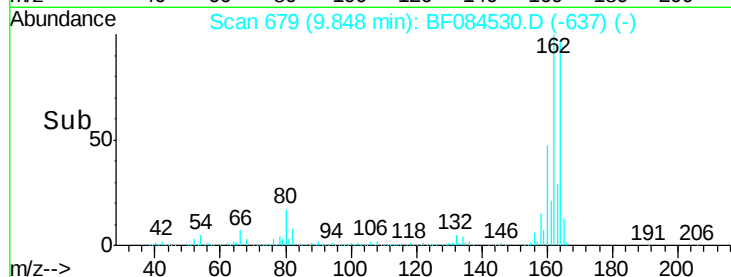
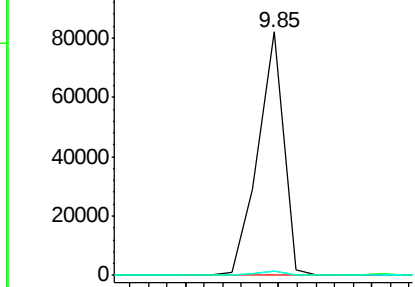
#50
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.18 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Instrument :
BNA_F
ClientSampled :
MW-13

Tgt Ion:165 Resp: 78410
Ion Ratio Lower Upper
165 100
63 1.5 28.8 43.2#
89 1.6 35.1 52.7#

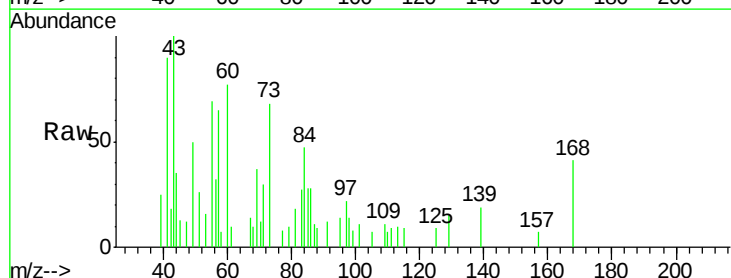


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

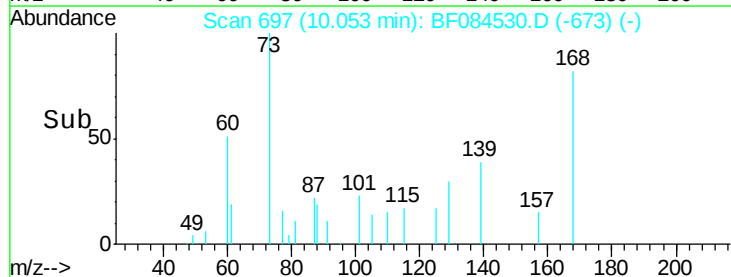
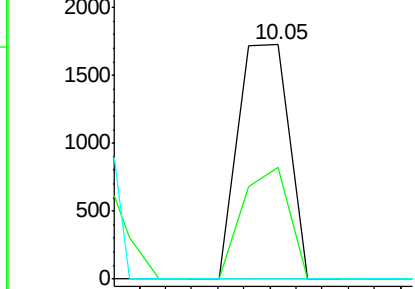


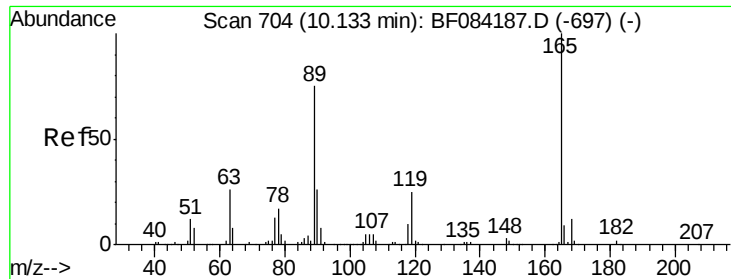
#54
Dibenzofuran
Concen: Below Cal
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Tgt Ion:168 Resp: 2361
Ion Ratio Lower Upper
168 100
139 47.8 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

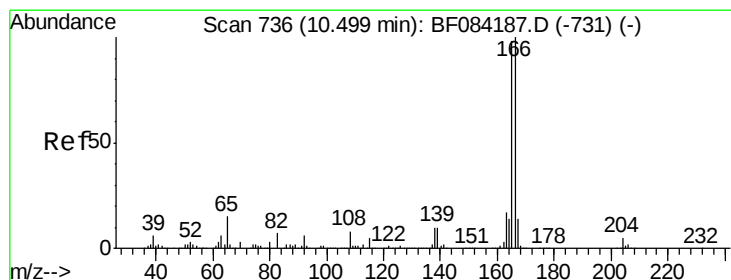
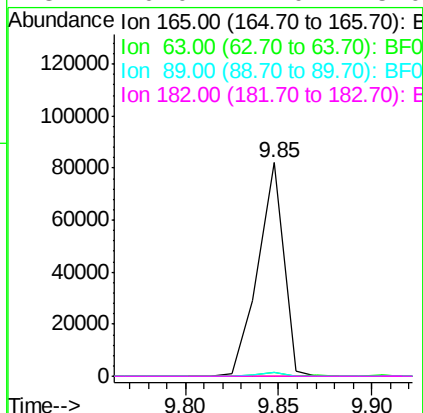
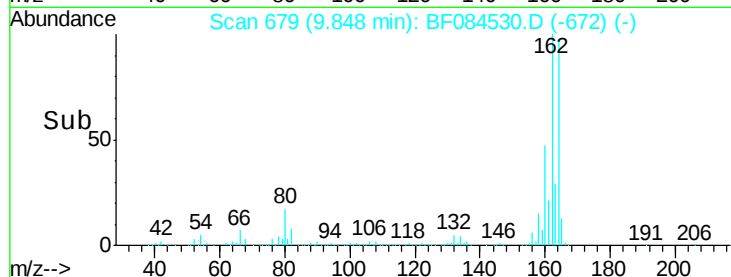
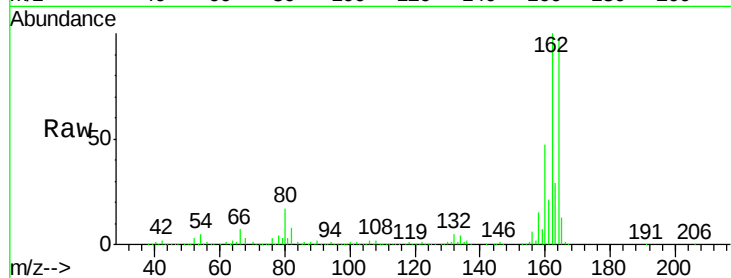




#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

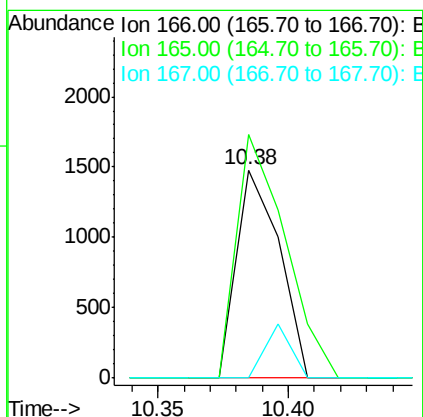
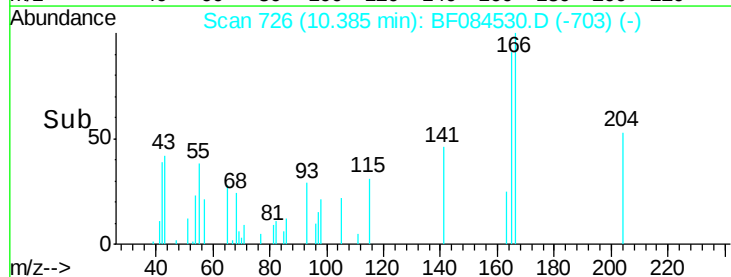
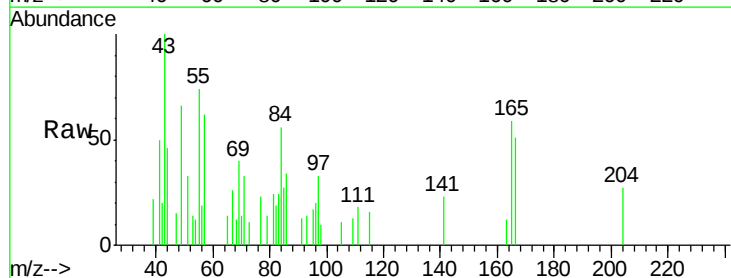
Instrument :
BNA_F
ClientSampleId :
MW-13

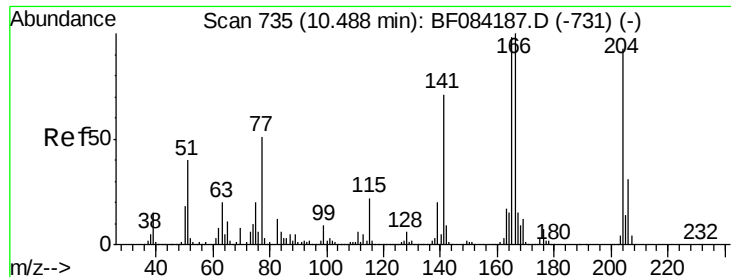
Tgt Ion:165 Resp: 78410
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Tgt Ion:166 Resp: 1699
Ion Ratio Lower Upper
166 100
165 117.2 79.1 118.7
167 0.0 10.4 15.6#

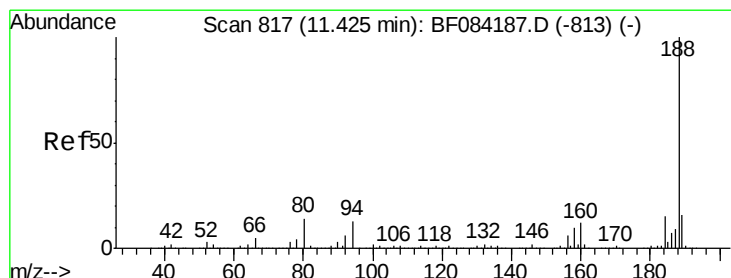
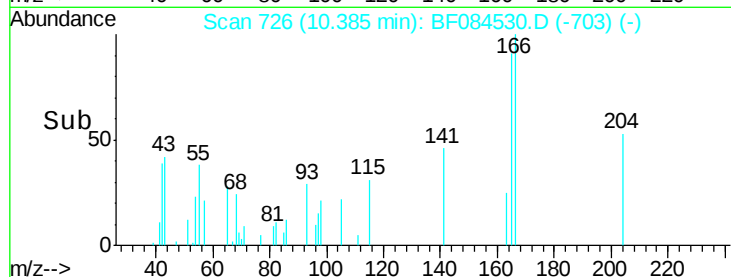
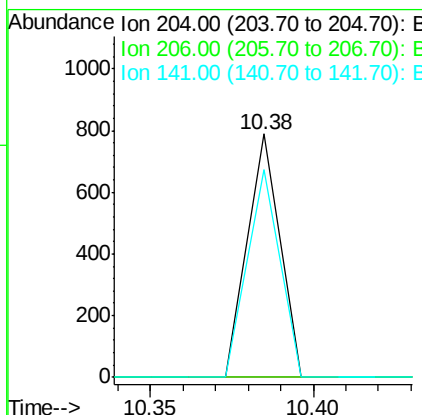
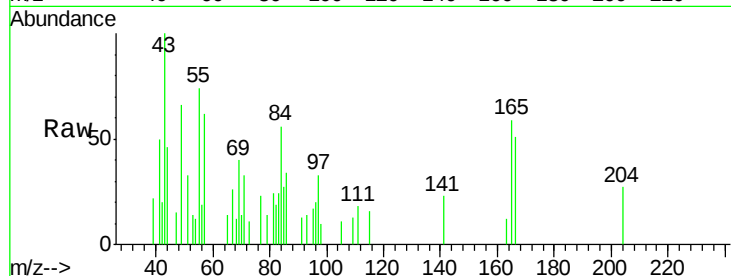




#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

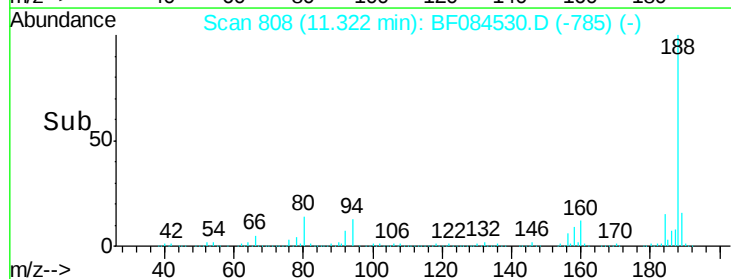
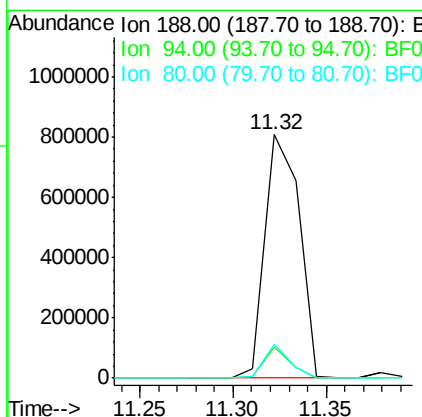
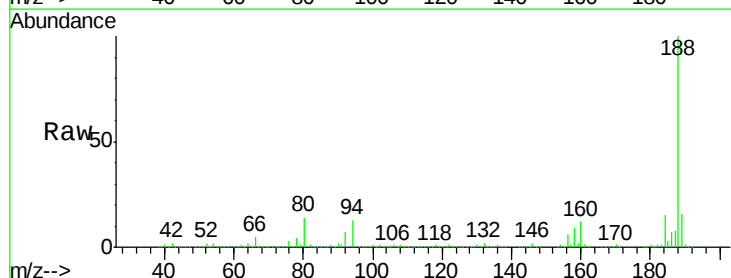
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

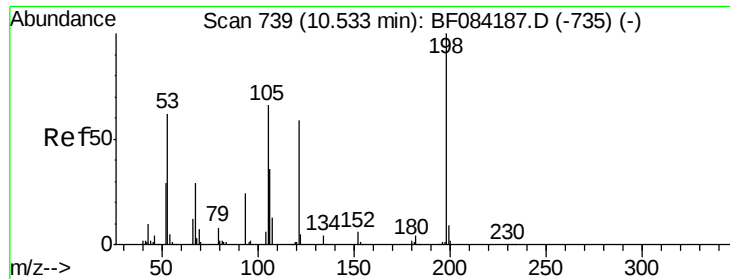
Tgt Ion: 204 Resp: 541
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.7 38.5#
 141 85.3 55.1 82.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Tgt Ion: 188 Resp: 1030920
 Ion Ratio Lower Upper
 188 100
 94 12.9 9.0 13.4
 80 13.9 9.6 14.4

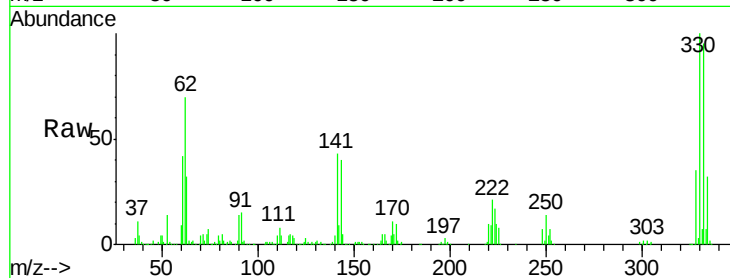




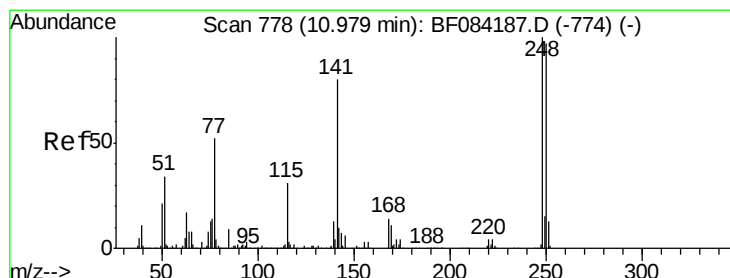
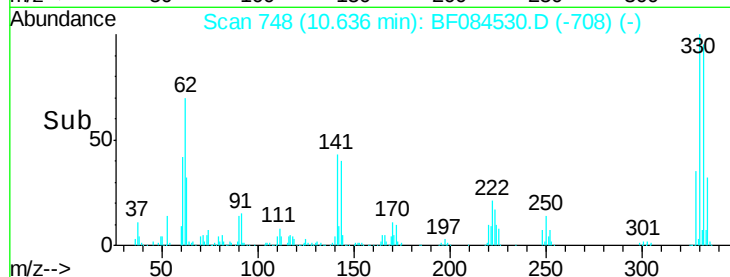
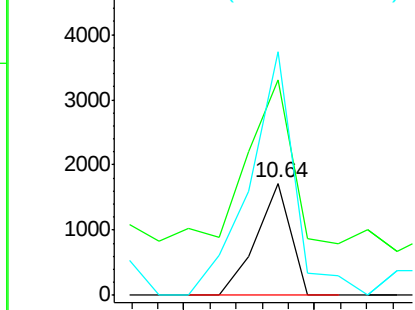
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.16 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:198 Resp: 1592
 Ion Ratio Lower Upper
 198 100
 51 192.6 18.9 58.9#
 105 217.2 26.4 66.4#

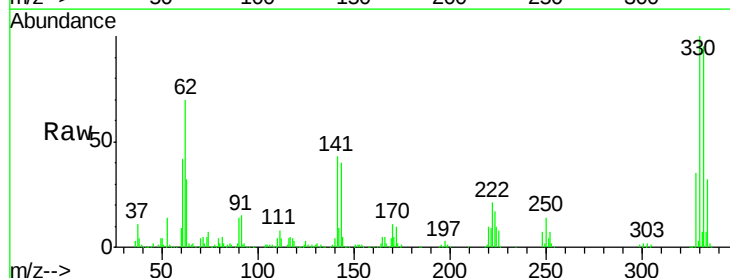


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

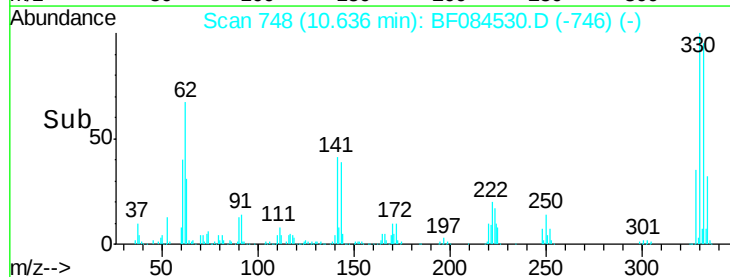
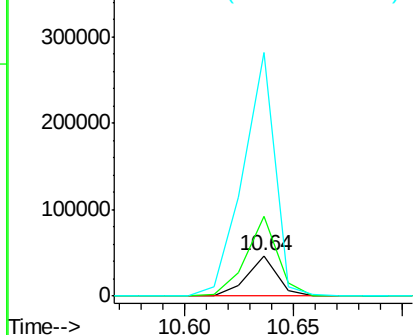


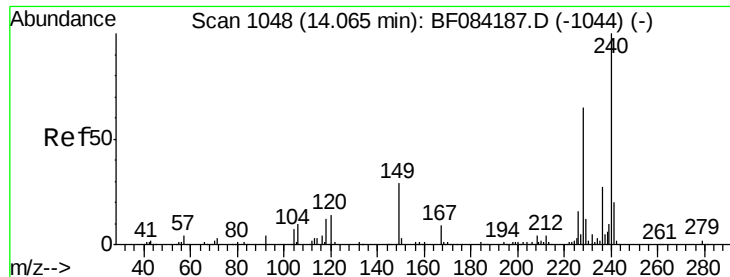
#66
 4-Bromophenyl-phenylether
 Concen: 4.16 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.27 min
 Lab File: BF084530.D
 Acq: 17 Jan 2016 12:30

Tgt Ion:248 Resp: 46131
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.4 117.6#
 141 605.6 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: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

Instrument :

BNA_F

ClientSampled :

MW-13

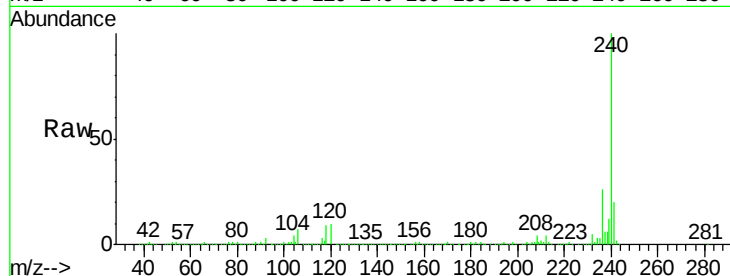
Tgt Ion:240 Resp: 882085

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

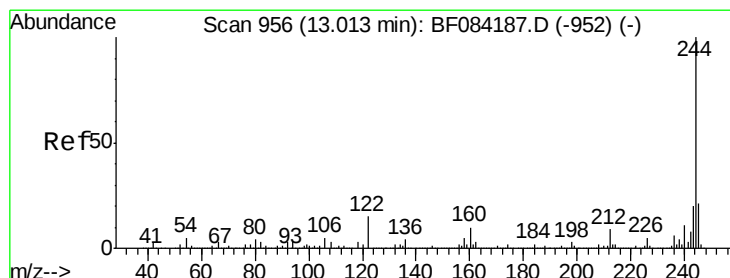
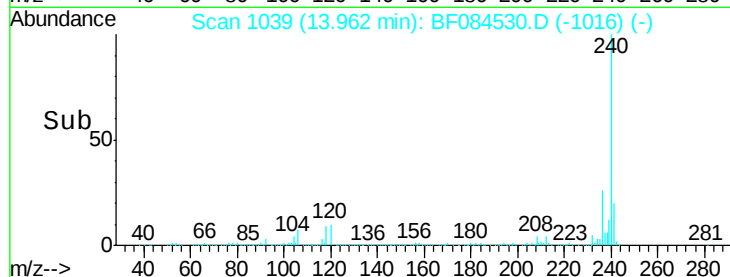
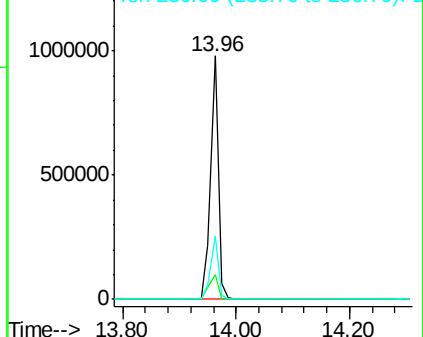
236 26.0 20.6 31.0



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: 77.04 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF084530.D

Acq: 17 Jan 2016 12:30

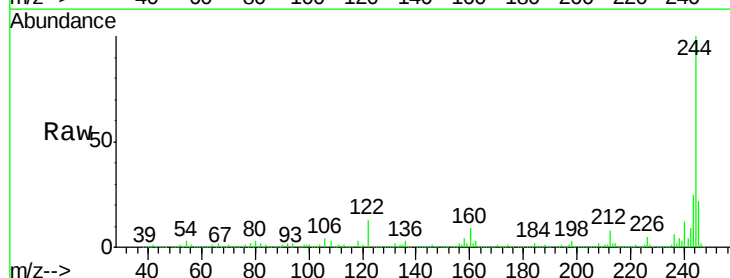
Tgt Ion:244 Resp: 3044539

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

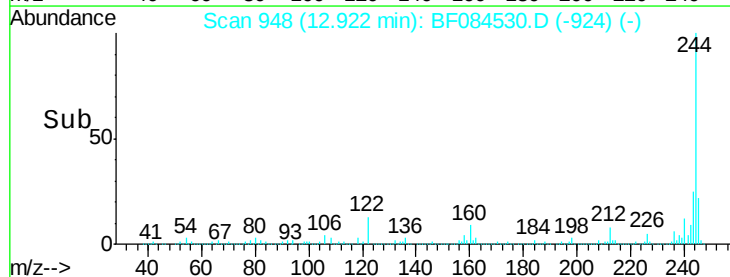
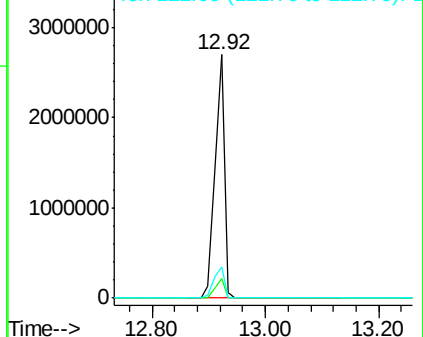
122 12.7 7.4 11.0#

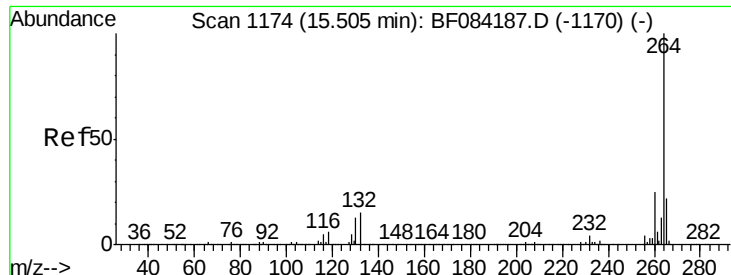


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

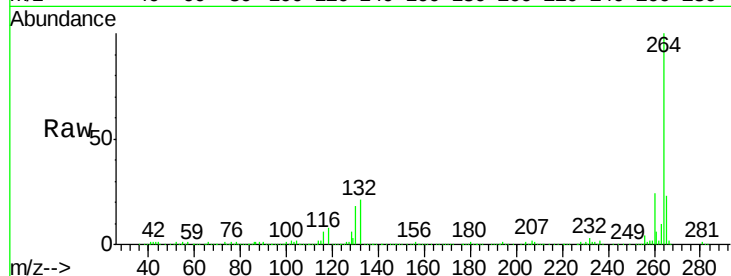




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF084530.D
Acq: 17 Jan 2016 12:30

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 264 Resp: 605312
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.7 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

