

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081487.D
 Acq On : 6 Sep 2015 3:06
 Operator : UM/IZ
 Sample : G3557-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-090215

Quant Time: Sep 07 01:33:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

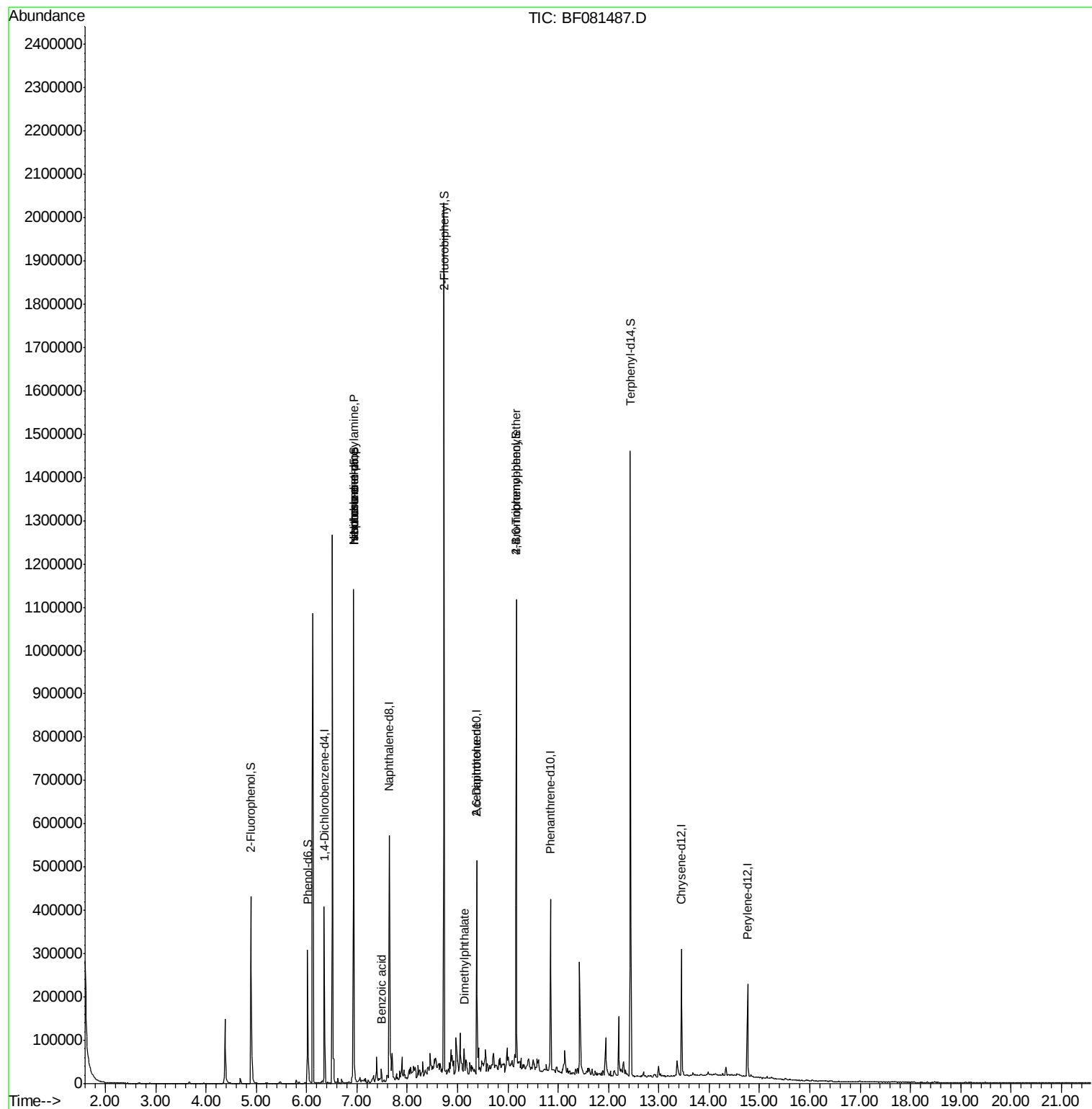
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55751	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	206692	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	92331	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	171289	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	125154	20.00	ng	-0.05
86) Perylene-d12	14.77	264	94596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	141824	39.47	ng	-0.03
7) Phenol-d6	6.02	99	108333	22.78	ng	-0.03
23) Nitrobenzene-d5	6.94	82	362165	84.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	96862	117.82	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	586572	81.41	ng	-0.03
78) Terphenyl-d14	12.43	244	437042	81.29	ng	-0.03
Target Compounds						
18) Hexachloroethane	6.94	117	13601	8.12	ng	# 5
19) n-Nitroso-di-n-propylamine	6.94	70	49378	15.25	ng	# 65
25) Isophorone	6.94	82	261991	32.88	ng	# 58
32) Benzoic acid	7.48	122	263	2.65	ng	# 1
49) Dimethylphthalate	9.13	163	17285	2.41	ng	# 97
50) 2,6-Dinitrotoluene	9.38	165	12238	7.52	ng	# 44
66) 4-Bromophenyl-phenylether	10.17	248	7606	4.39	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

Instrument :

BNA_F

ClientSampleId :

MW-1-090215

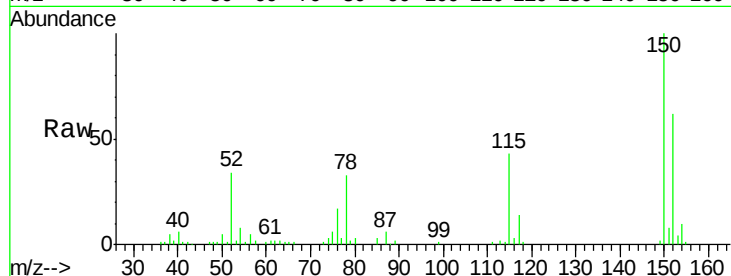
Tot Ion:152 Resp: 55751

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

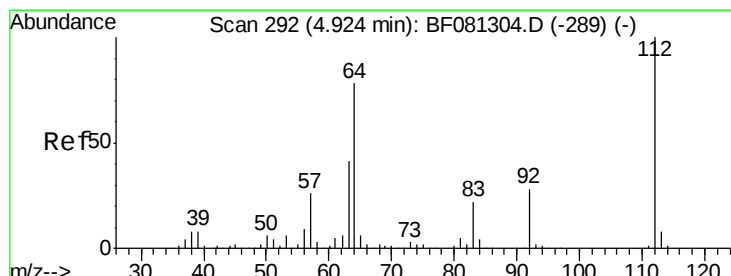
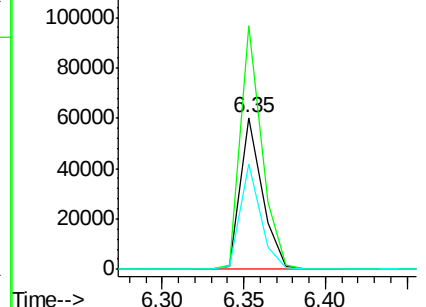
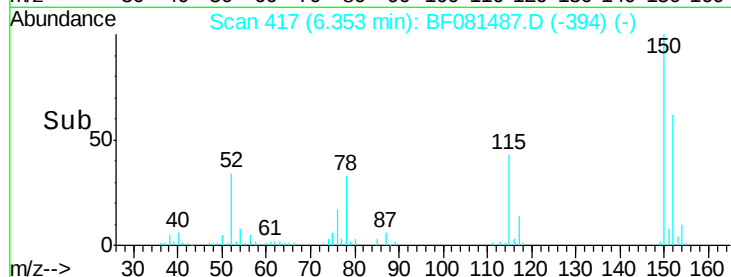
115 69.3 39.0 58.4#



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: 39.47 ng

RT: 4.89 min Scan# 289

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

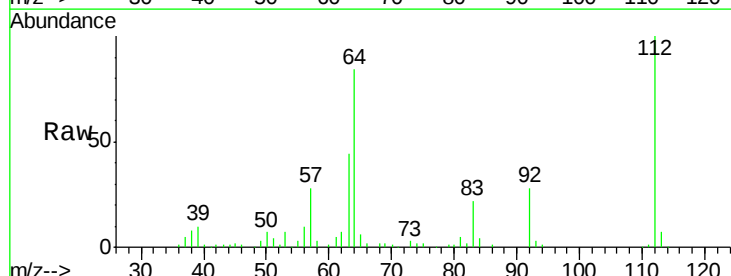
Tgt Ion:112 Resp: 141824

Ion Ratio Lower Upper

112 100

64 83.8 39.7 59.5#

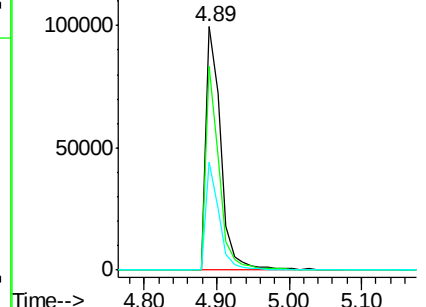
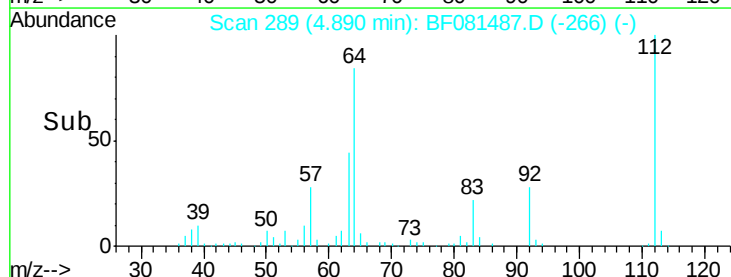
63 44.3 17.4 26.0#

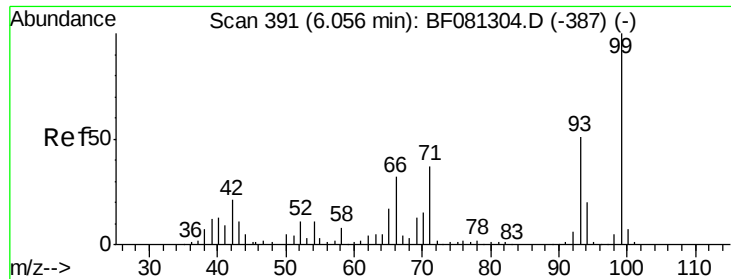


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.78 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

Instrument :

BNA_F

ClientSampleId :

MW-1-090215

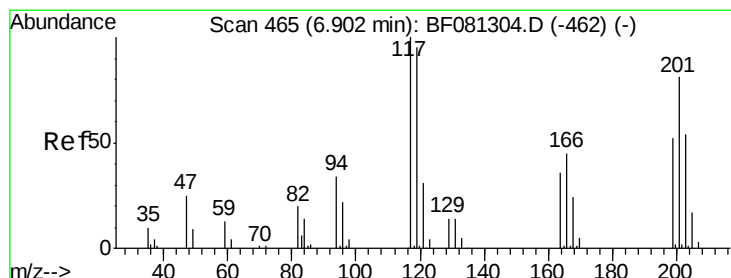
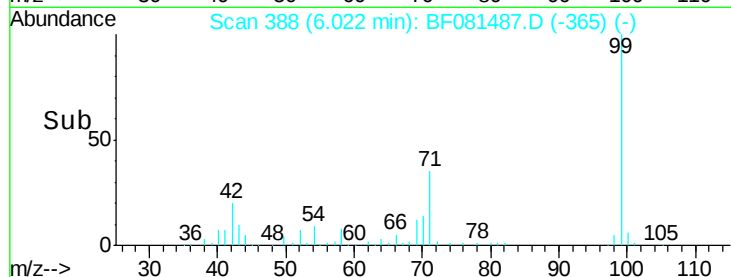
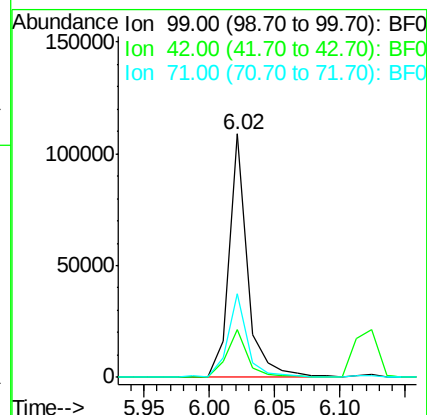
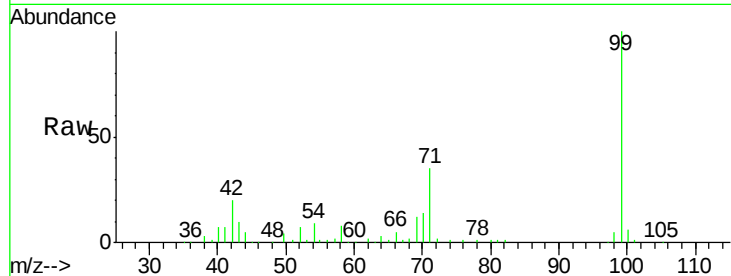
Tot Ion: 99 Resp: 108333

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

71 34.6 14.2 21.2#



#18

Hexachloroethane

Concen: 8.12 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

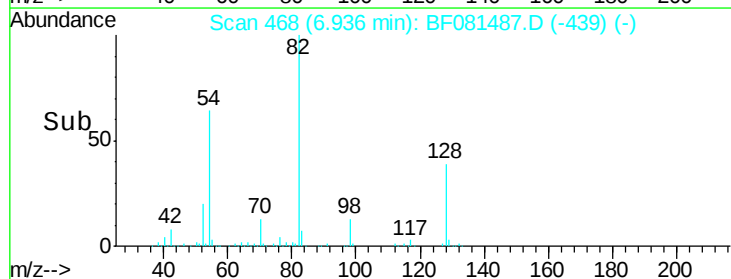
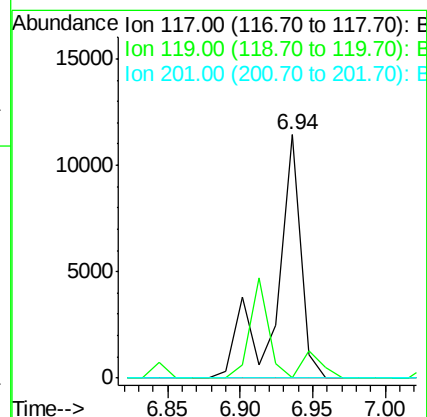
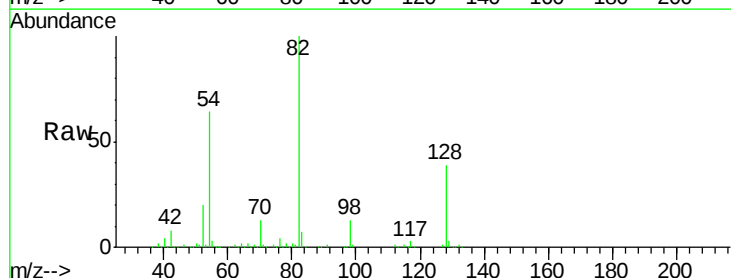
Tgt Ion: 117 Resp: 13601

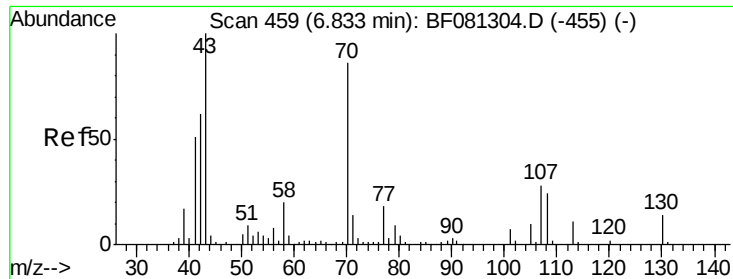
Ion Ratio Lower Upper

117 100

119 0.0 83.8 125.6#

201 0.0 55.1 82.7#

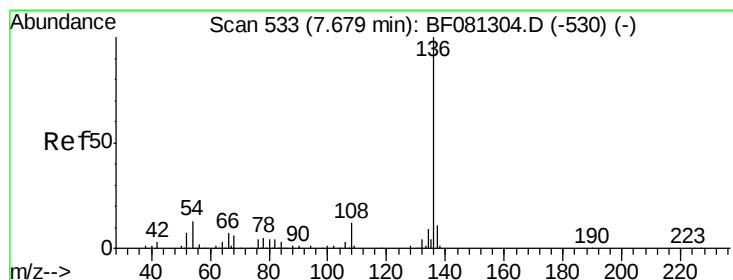
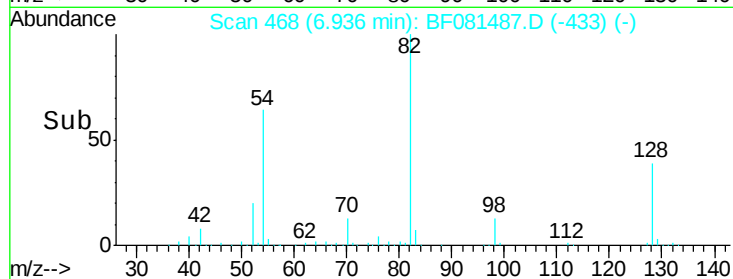
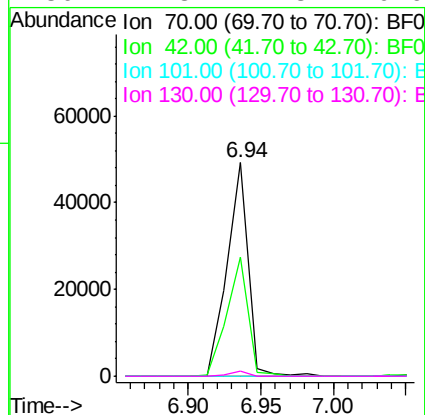
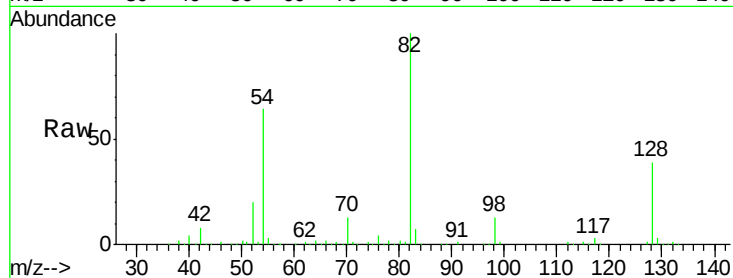




#19
n-Nitroso-di-n-propylamine
Concen: 15.25 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

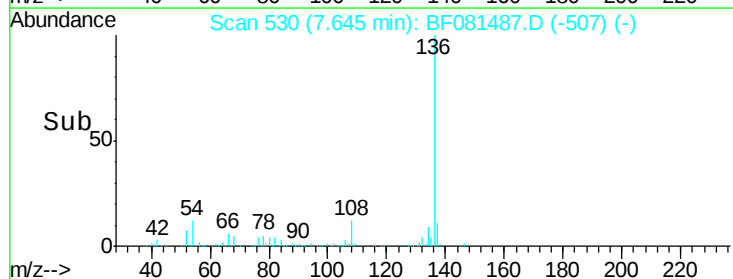
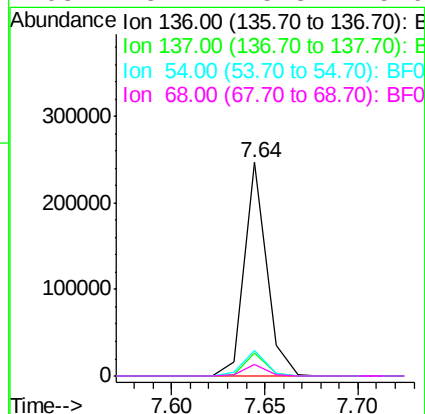
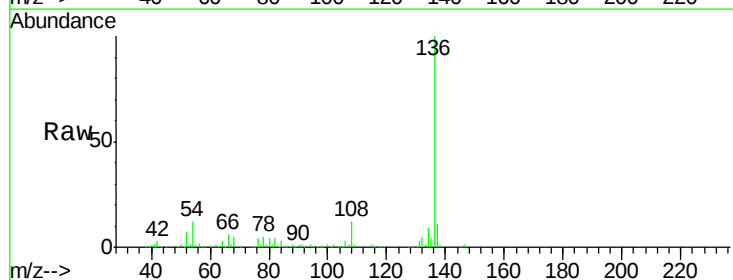
Instrument :
BNA_F
ClientSampleId :
MW-1-090215

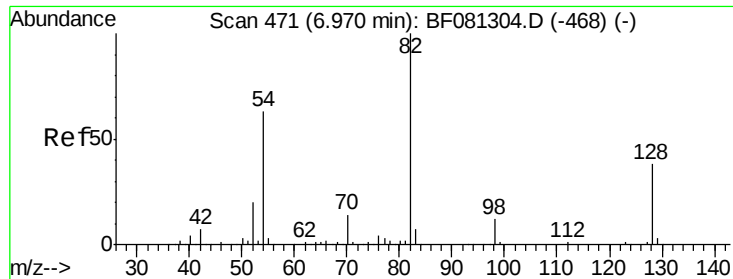
Tot Ion: 70 Resp: 49378
Ion Ratio Lower Upper
70 100
42 55.6 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

Tgt Ion: 136 Resp: 206692
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 12.0 8.2 12.2
68 5.4 5.8 8.6#

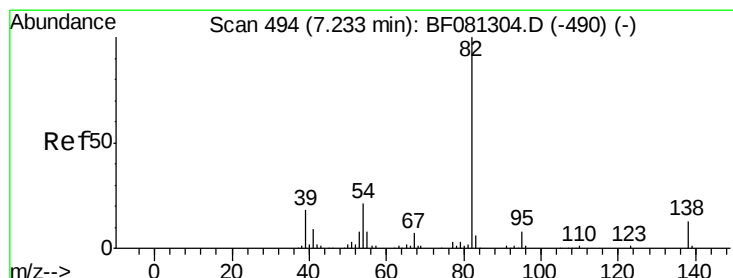
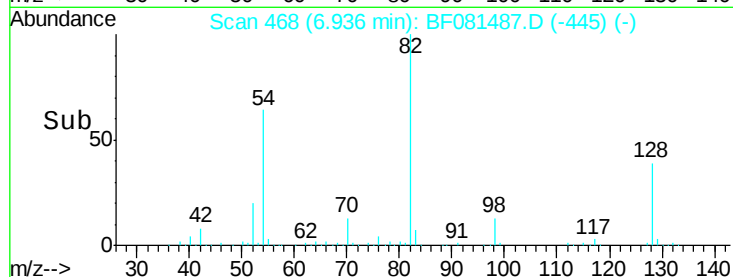
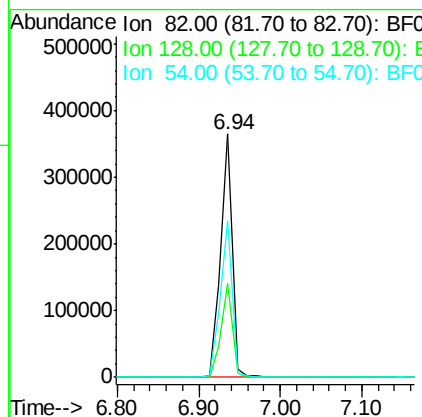
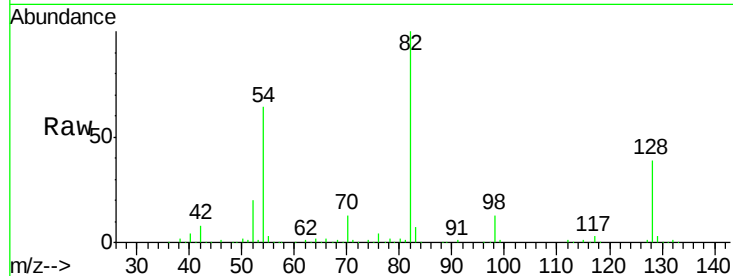




#23
Nitrobenzene-d5
Concen: 84.54 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

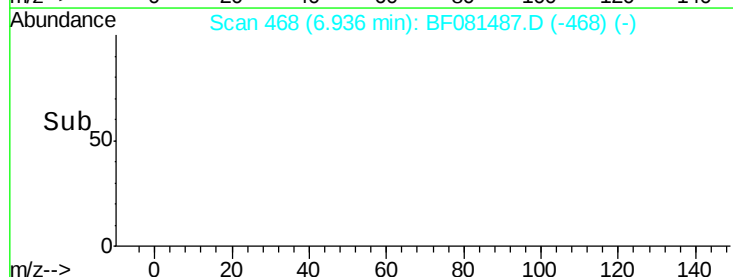
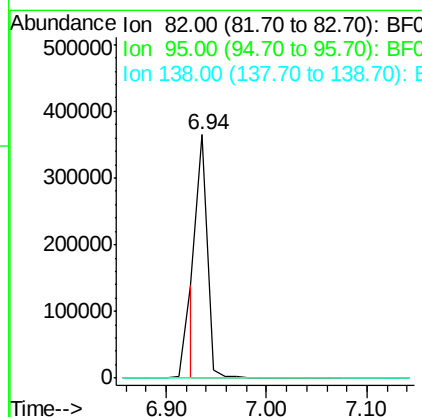
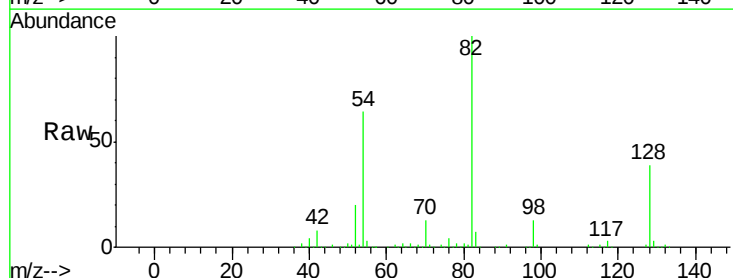
Instrument :
BNA_F
ClientSampleId :
MW-1-090215

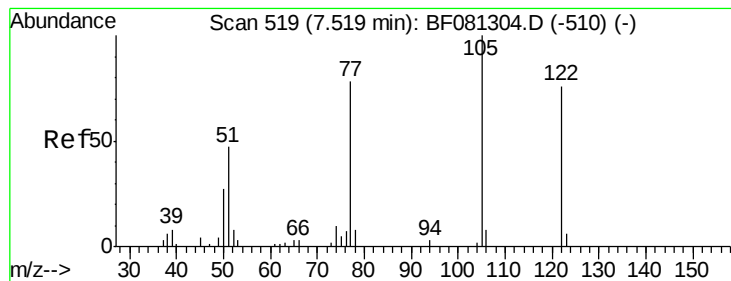
Tot Ion: 82 Resp: 362165
Ion Ratio Lower Upper
82 100
128 38.8 51.0 76.6#
54 64.2 47.5 71.3



#25
Isophorone
Concen: 32.88 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

Tgt Ion: 82 Resp: 261991
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#





#32

Benzoic acid

Concen: 2.65 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

Instrument :

BNA_F

ClientSampleId :

MW-1-090215

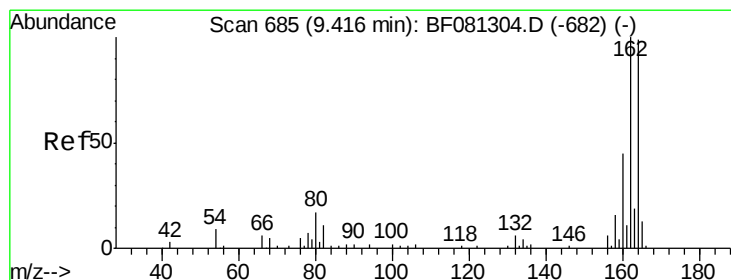
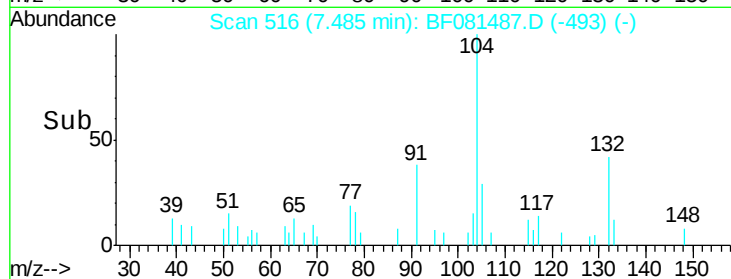
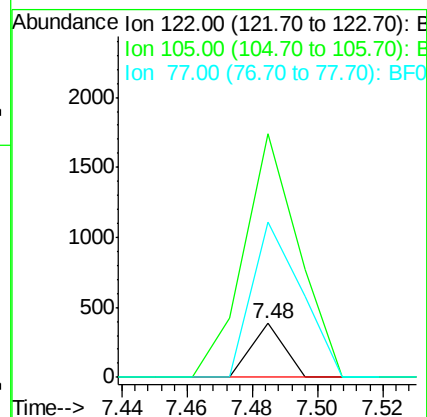
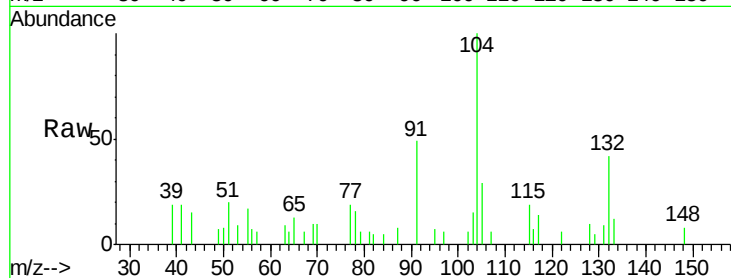
Tot Ion:122 Resp: 263

Ion Ratio Lower Upper

122 100

105 454.0 76.1 116.1#

77 290.9 40.5 80.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

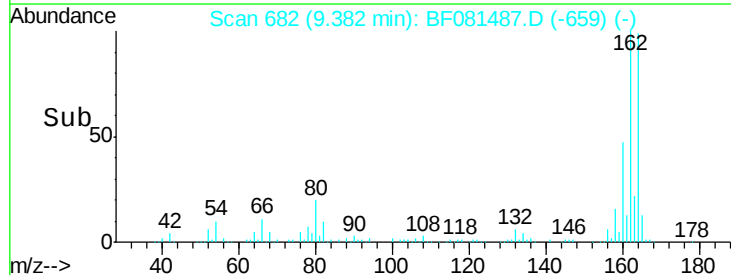
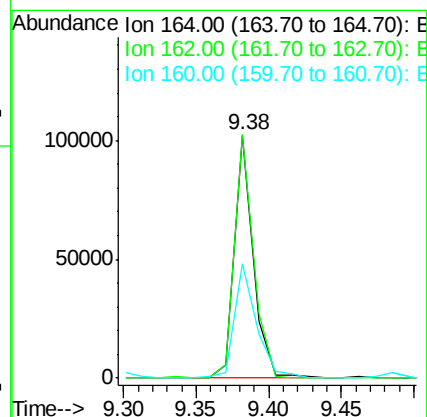
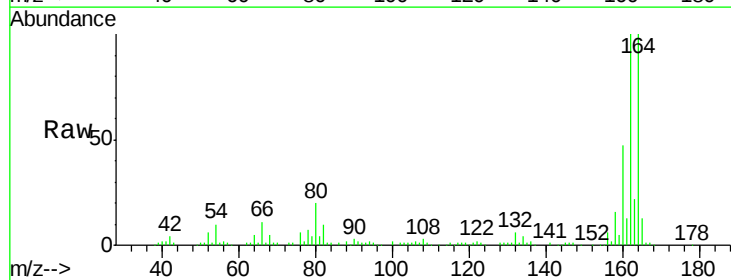
Tgt Ion:164 Resp: 92331

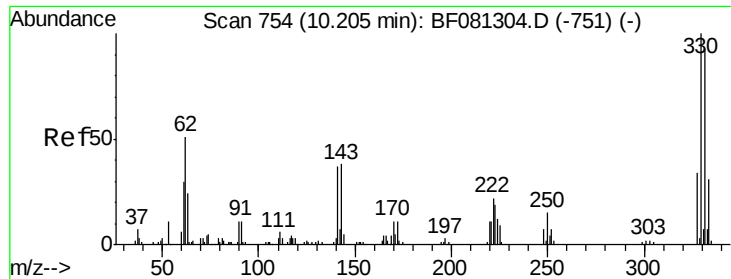
Ion Ratio Lower Upper

164 100

162 100.2 75.2 112.8

160 47.1 31.5 47.3

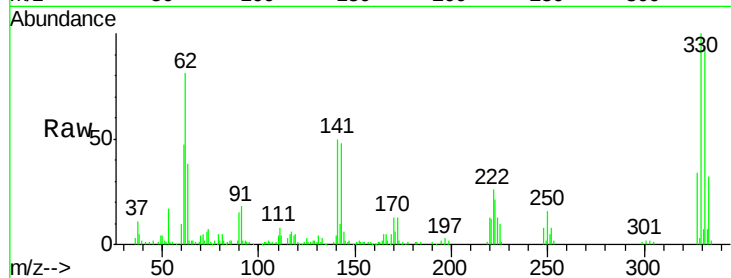




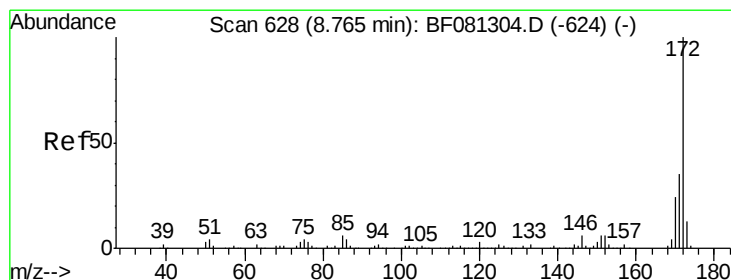
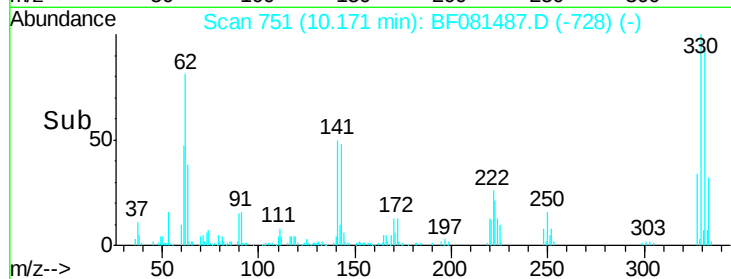
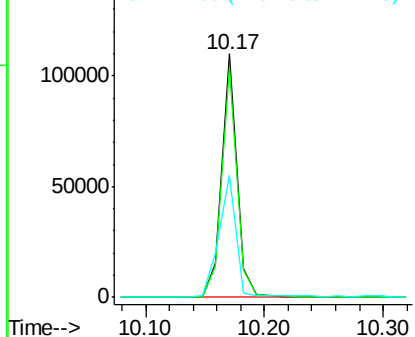
#41
 2,4,6-Tribromophenol
 Concen: 117.82 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081487.D
 Acq: 6 Sep 2015 3:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-090215

Tot Ion:330 Resp: 96862
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 57.8 29.7 44.5#

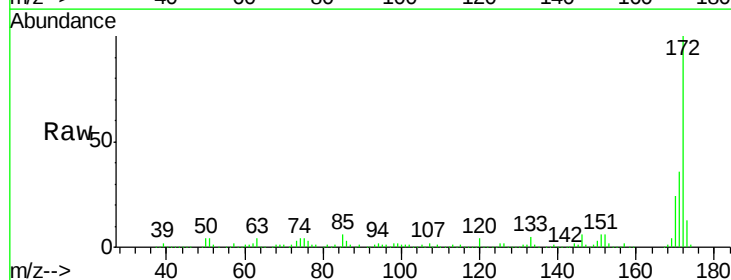


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

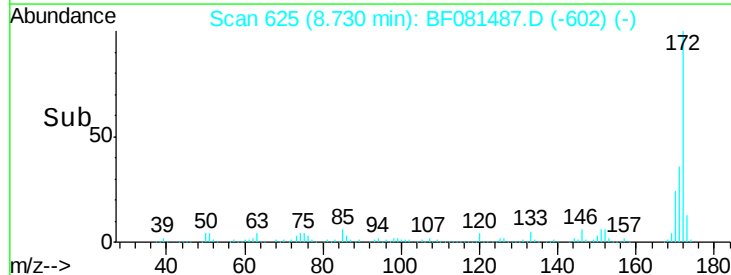
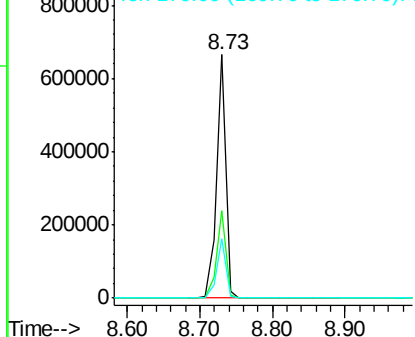


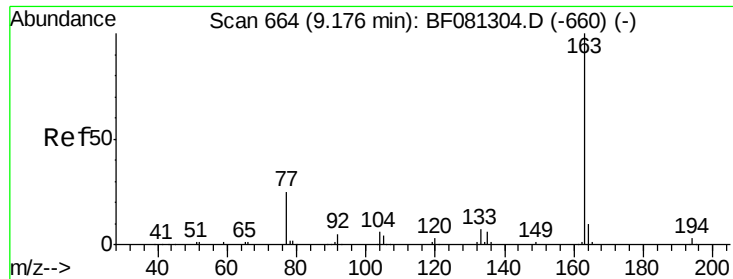
#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081487.D
 Acq: 6 Sep 2015 3:06

Tgt Ion:172 Resp: 586572
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.4 17.4 26.2



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

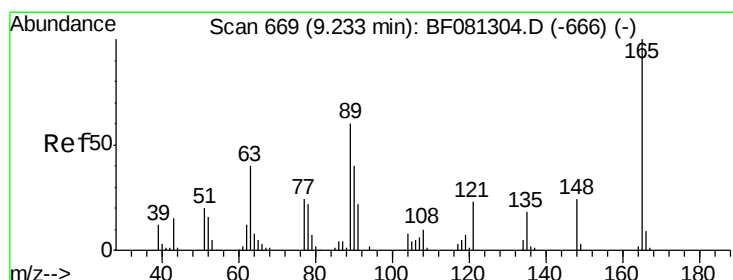
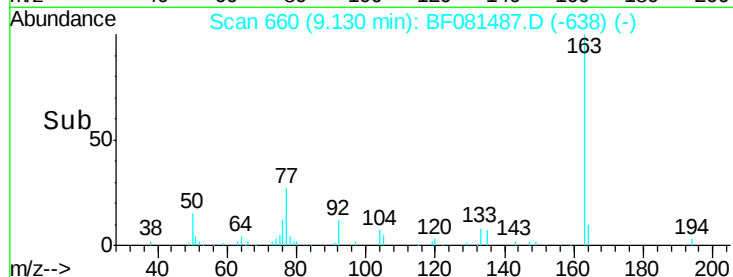
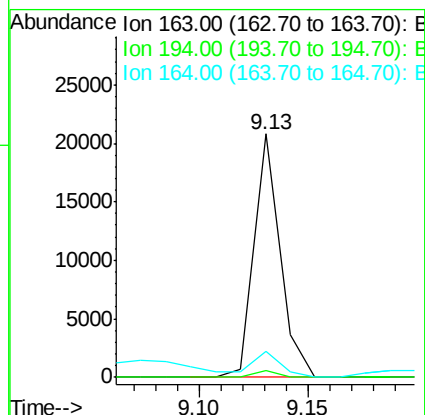
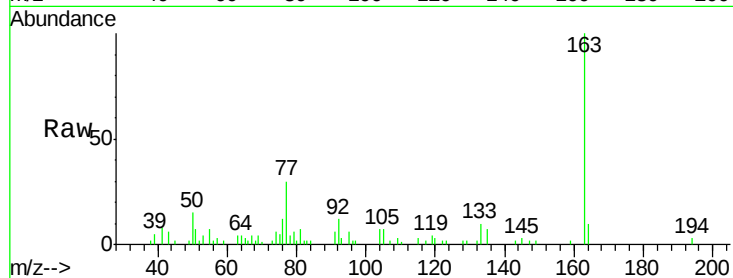




#49
Dimethylphthalate
Concen: 2.41 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

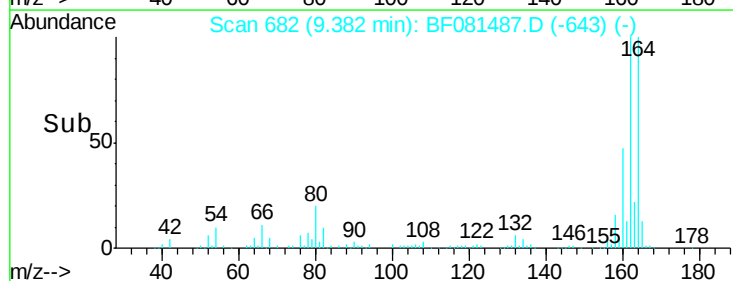
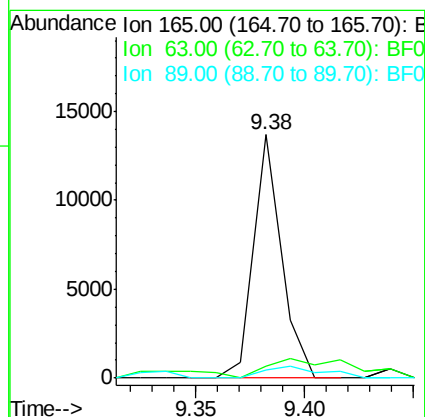
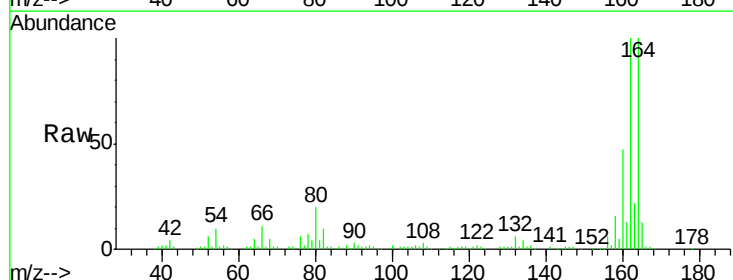
Instrument :
BNA_F
ClientSampled :
MW-1-090215

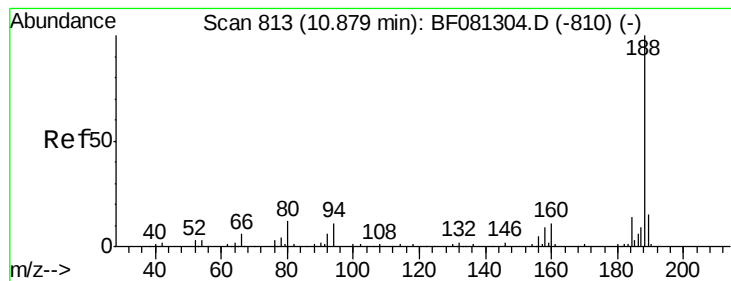
Tot Ion:163 Resp: 17285
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.15 min
Lab File: BF081487.D
Acq: 6 Sep 2015 3:06

Tgt Ion:165 Resp: 12238
Ion Ratio Lower Upper
165 100
63 4.9 32.3 48.5#
89 3.4 28.6 43.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

Instrument :

BNA_F

ClientSampleId :

MW-1-090215

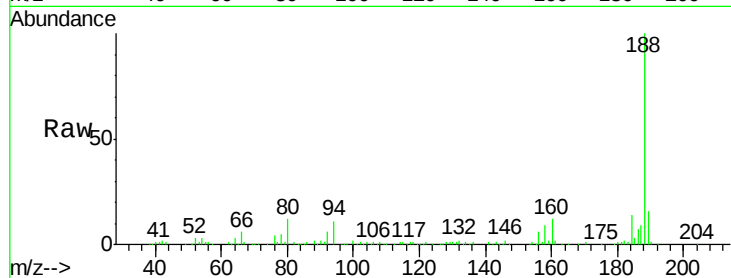
Tot Ion:188 Resp: 171289

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

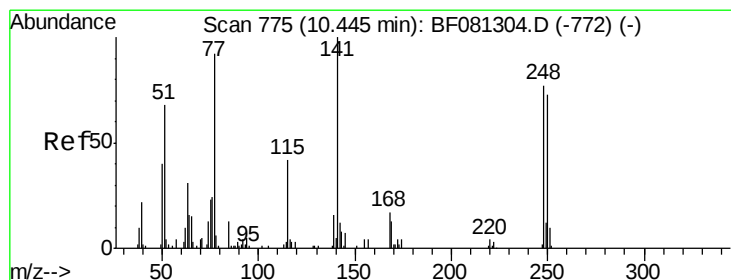
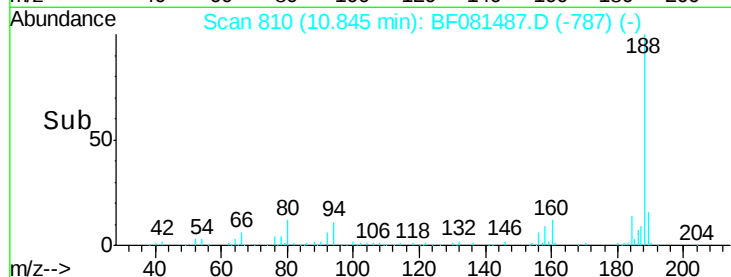
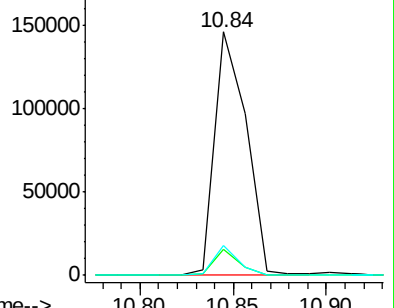
80 12.1 11.0 16.4



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



#66

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

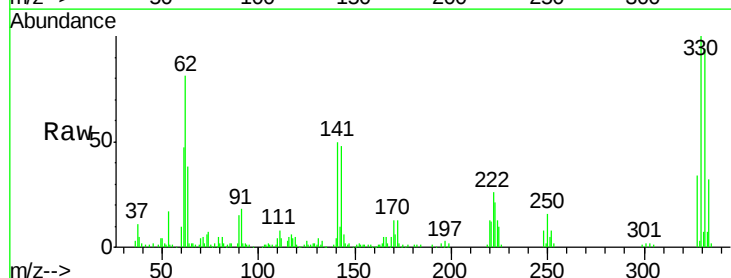
Tgt Ion:248 Resp: 7606

Ion Ratio Lower Upper

248 100

250 207.2 78.5 117.7#

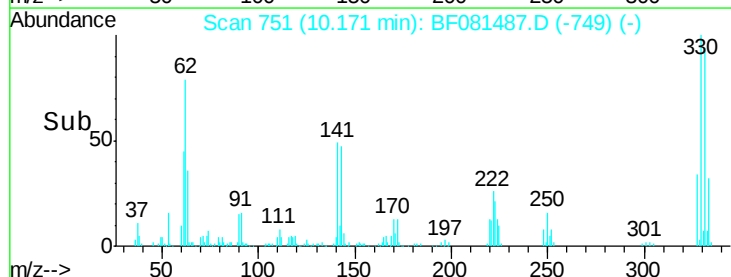
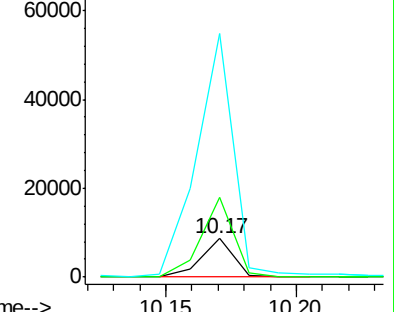
141 633.3 59.0 88.6#

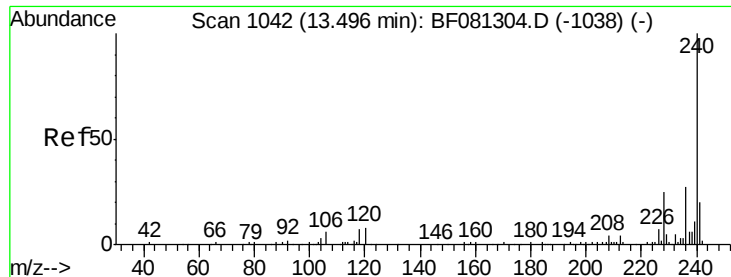


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.45 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

Instrument :

BNA_F

ClientSampleId :

MW-1-090215

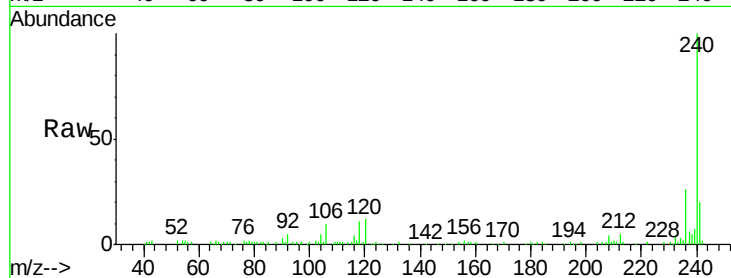
Tot Ion:240 Resp: 125154

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

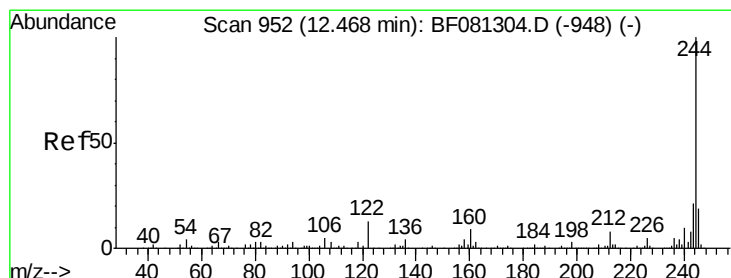
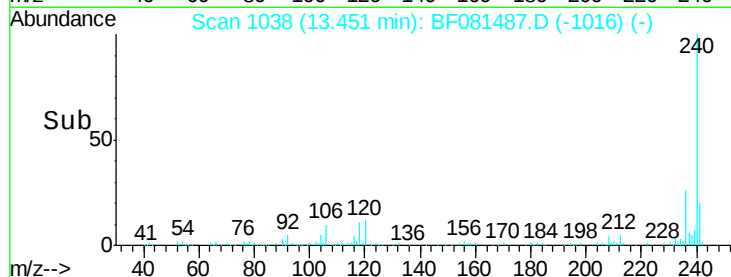
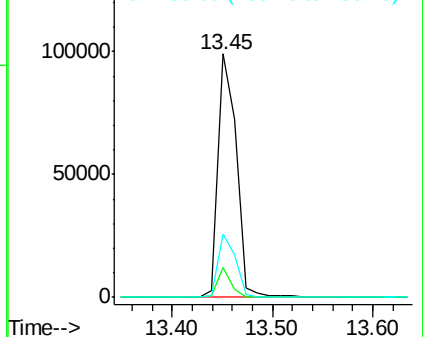
236 26.0 18.4 27.6



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: 81.29 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081487.D

Acq: 6 Sep 2015 3:06

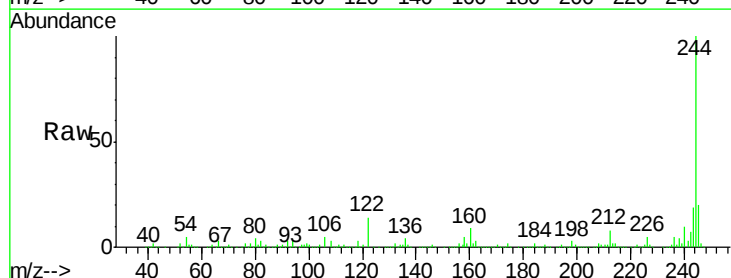
Tgt Ion:244 Resp: 437042

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

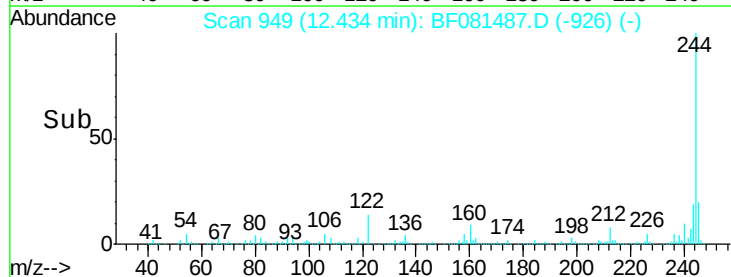
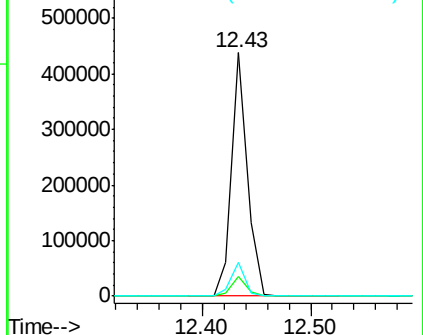
122 13.7 17.4 26.2#

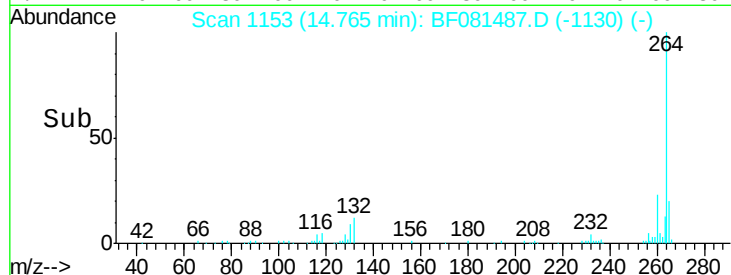
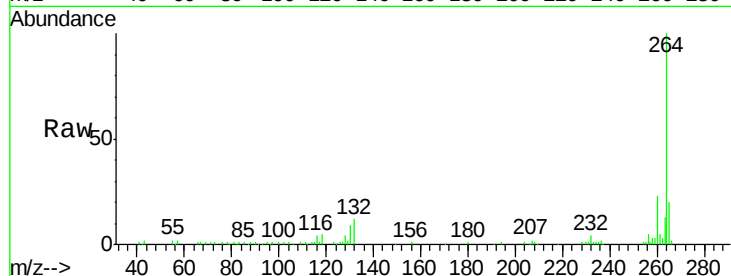
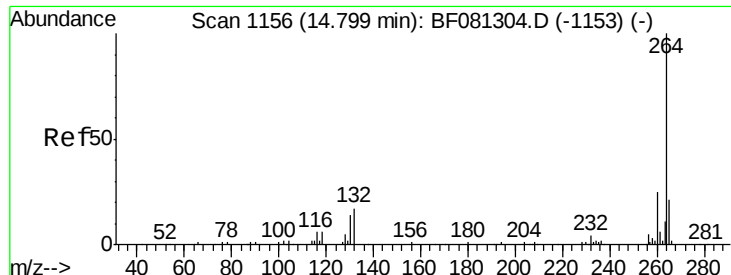


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081487.D
 Acq: 6 Sep 2015 3:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-090215

Tot Ion:	264	Resp:	94596
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.2	17.2	25.8

