

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081486.D
 Acq On : 6 Sep 2015 2:35
 Operator : UM/IZ
 Sample : G3557-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-090215

Quant Time: Sep 07 01:33:19 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

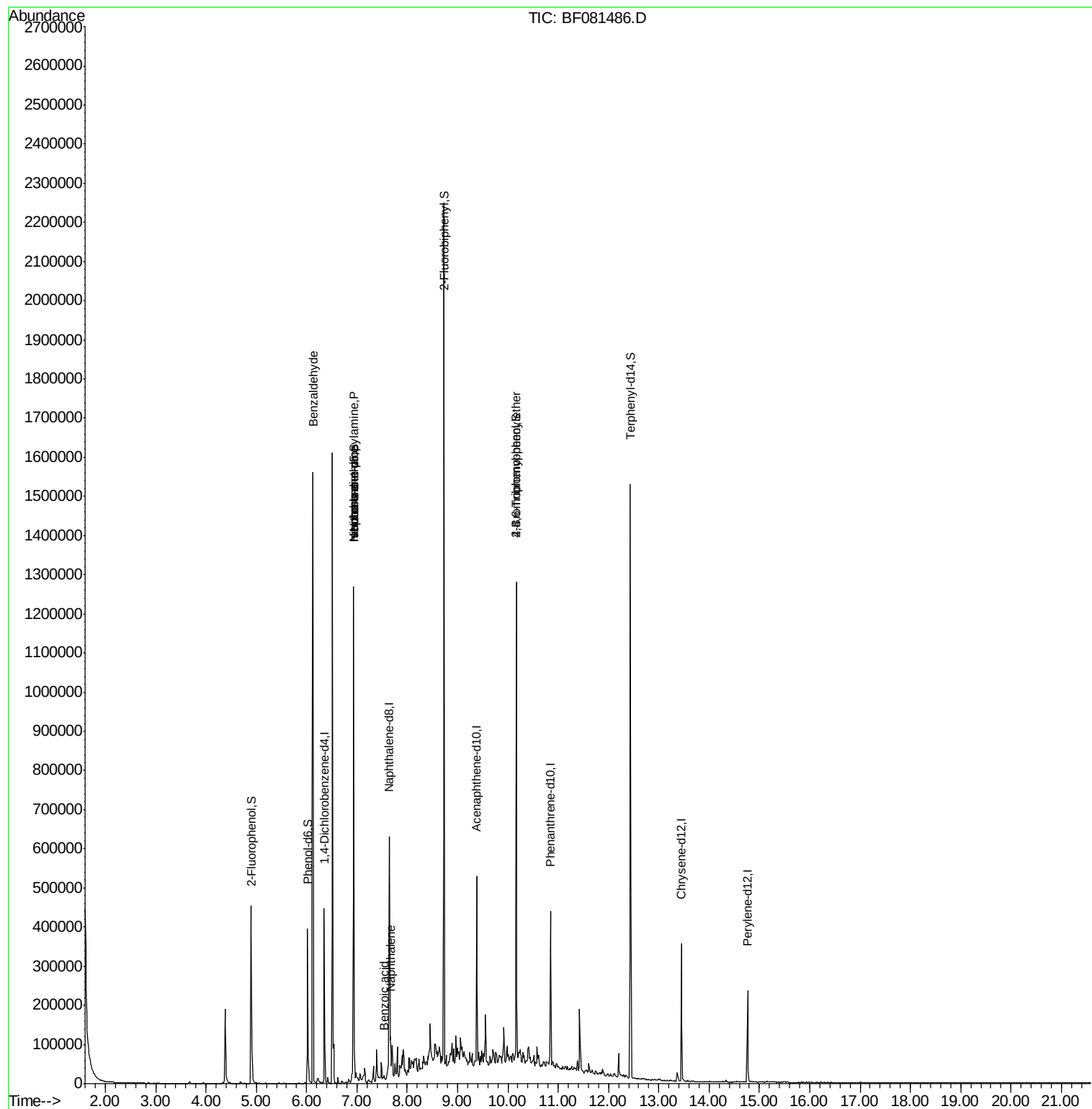
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57993	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	223061	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	96371	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	183088	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	135349	20.00	ng	-0.05
86) Perylene-d12	14.77	264	100059	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	170914	45.73	ng	-0.02
7) Phenol-d6	6.02	99	133574	27.00	ng	-0.03
23) Nitrobenzene-d5	6.94	82	402191	86.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	105948	123.47	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	639697	85.06	ng	-0.03
78) Terphenyl-d14	12.43	244	493056	84.80	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.12	77	10521	3.39	ng	# 59
18) Hexachloroethane	6.94	117	17705	10.16	ng	# 5
19) n-Nitroso-di-n-propylamine	6.94	70	57117	16.96	ng	# 63
25) Isophorone	6.94	82	294884	34.29	ng	# 58
31) Naphthalene	7.67	128	35871	3.02	ng	95
32) Benzoic acid	7.54	122	399	2.69	ng	# 35
66) 4-Bromophenyl-phenylether	10.17	248	8267	4.47	ng	# 1

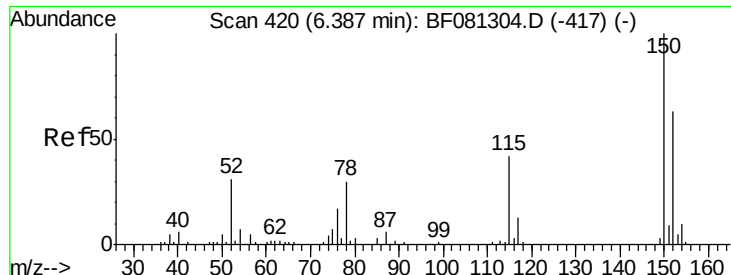
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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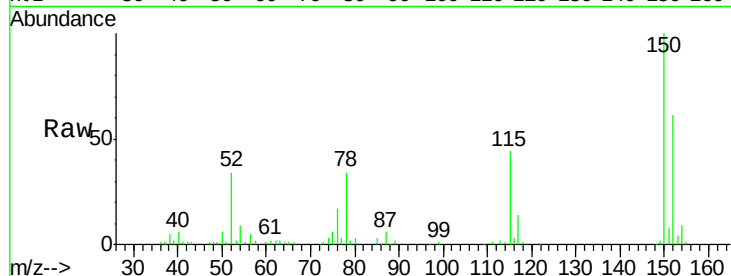


#1

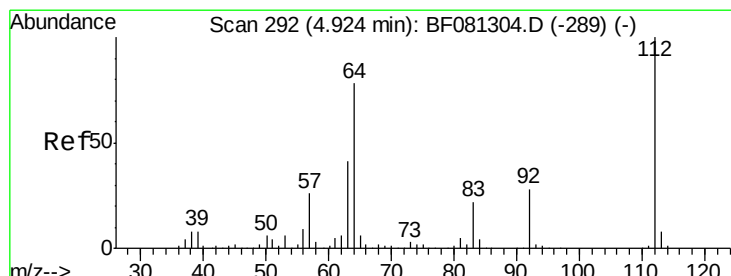
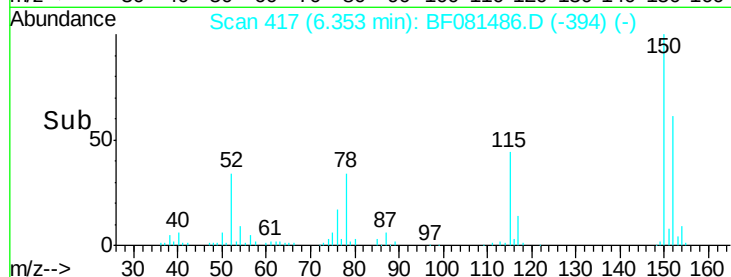
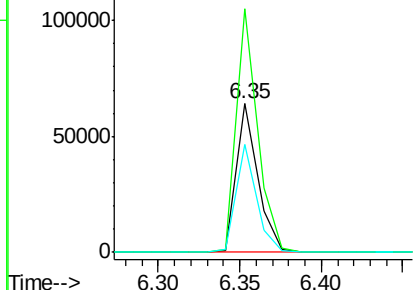
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Instrument :
BNA_F
ClientSampleId :
MW-2-090215

Tot Ion:152 Resp: 57993
Ion Ratio Lower Upper
152 100
150 163.9 124.7 187.1
115 72.3 39.0 58.4#



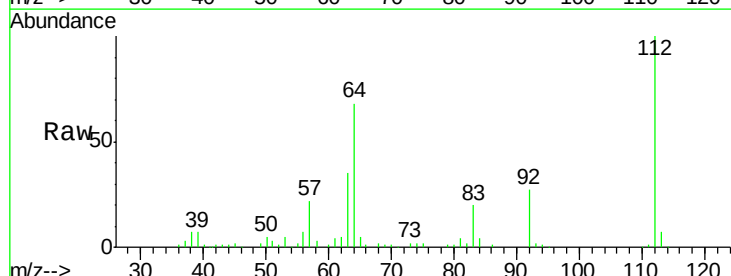
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



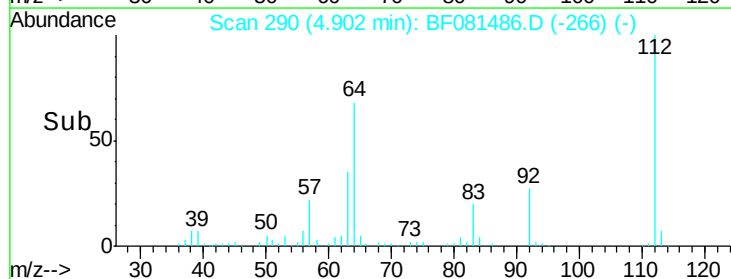
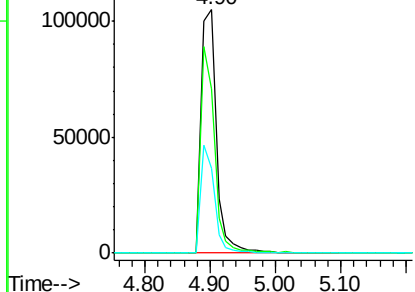
#5

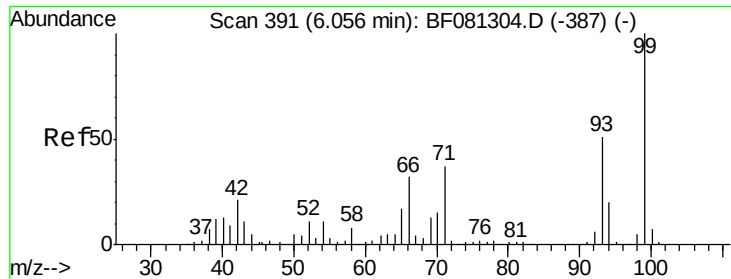
2-Fluorophenol
Concen: 45.73 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Tgt Ion:112 Resp: 170914
Ion Ratio Lower Upper
112 100
64 67.5 39.7 59.5#
63 34.9 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: 27.00 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

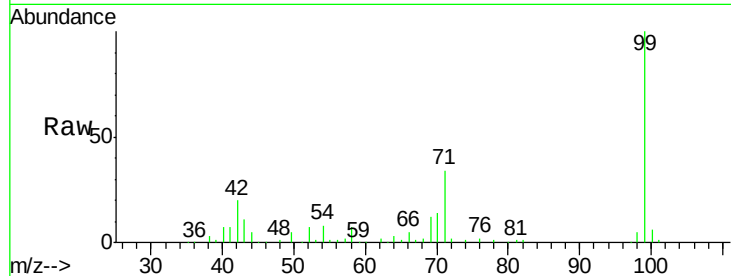
Tot Ion: 99 Resp: 133574

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

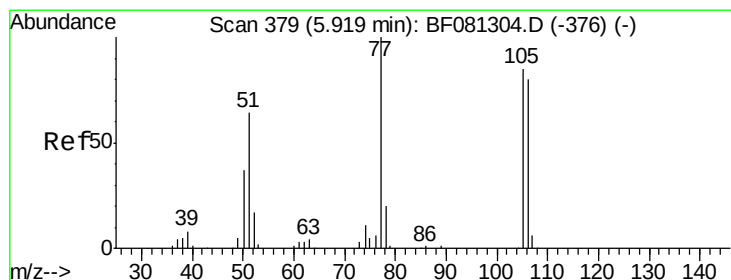
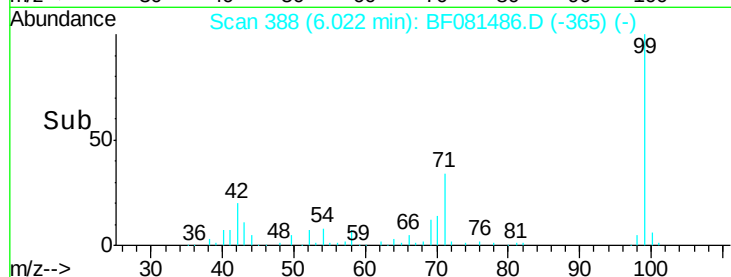
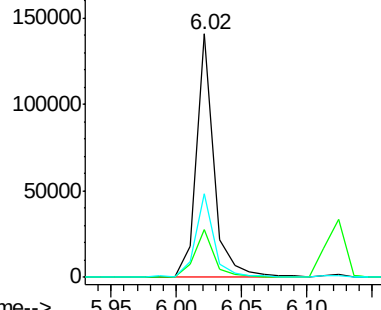
71 34.5 14.2 21.2#



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: 3.39 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

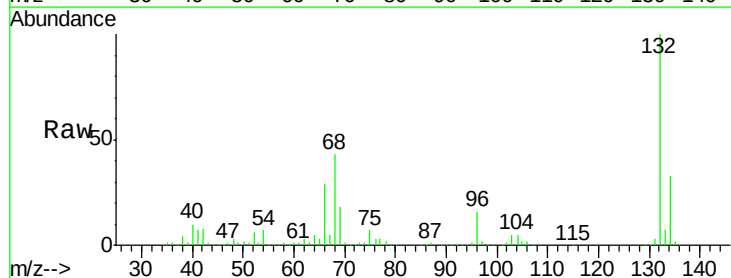
Tgt Ion: 77 Resp: 10521

Ion Ratio Lower Upper

77 100

105 77.9 91.6 131.6#

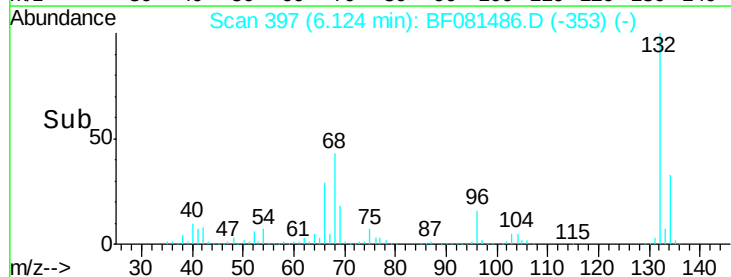
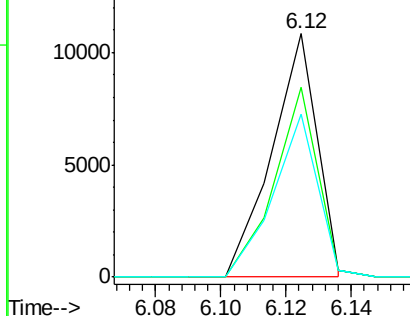
106 66.7 102.6 142.6#

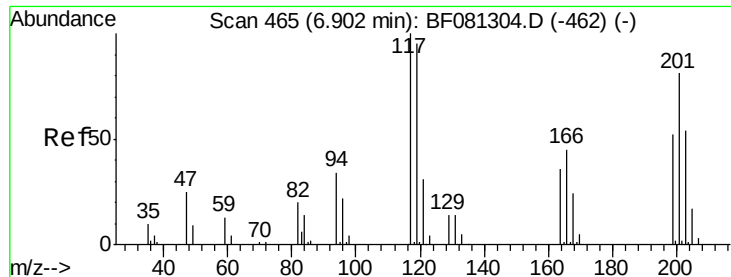


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 10.16 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

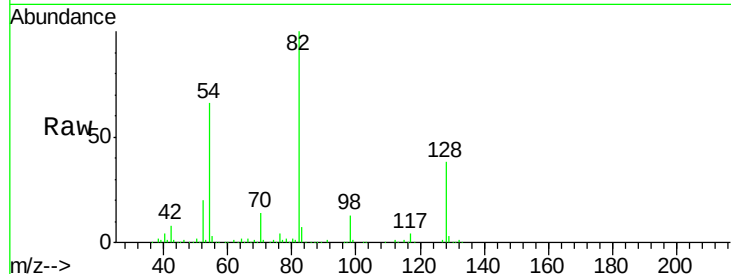
Tot Ion:117 Resp: 17705

Ion Ratio Lower Upper

117 100

119 0.0 83.8 125.6#

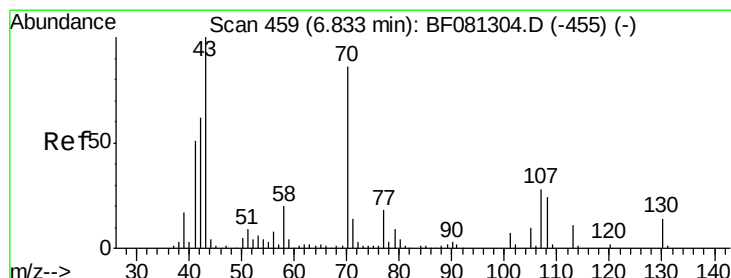
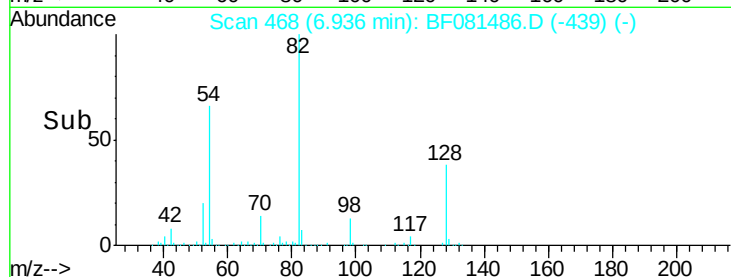
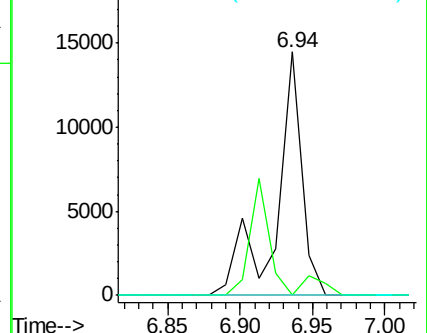
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Tgt Ion: 70 Resp: 57117

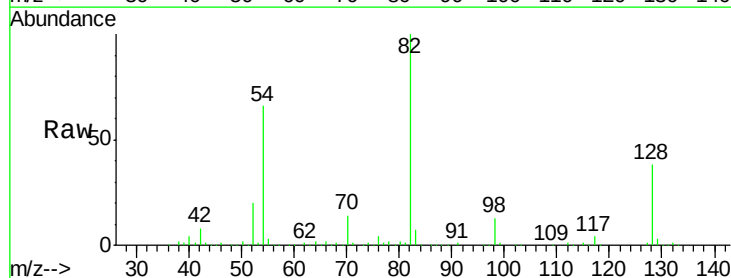
Ion Ratio Lower Upper

70 100

42 52.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

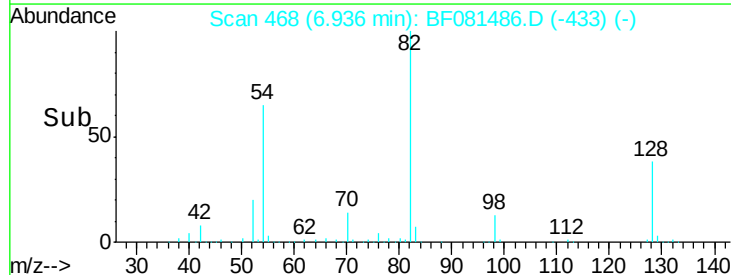
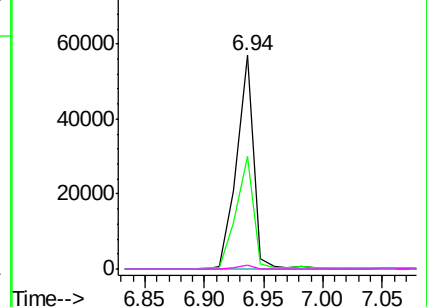


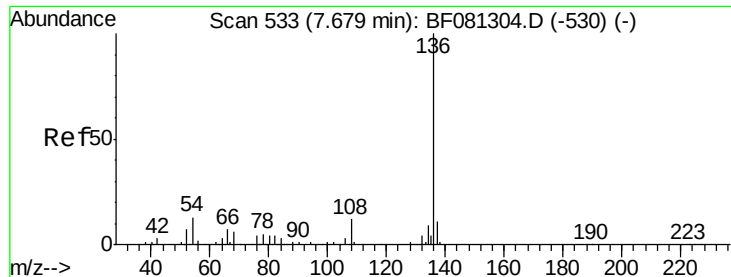
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

Tot Ion:136 Resp: 223061

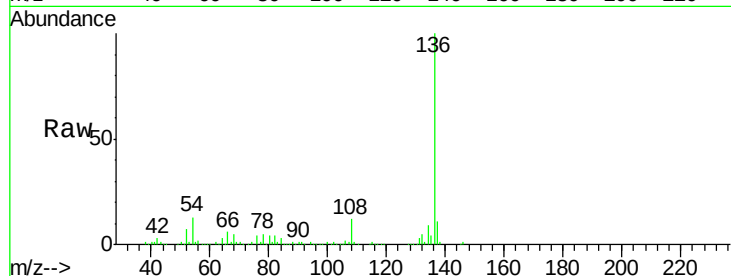
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 12.6 8.2 12.2#

68 5.4 5.8 8.6#

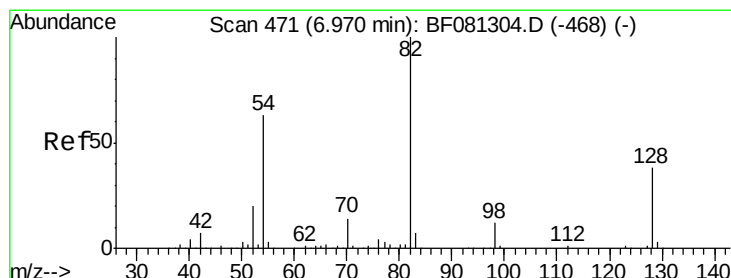
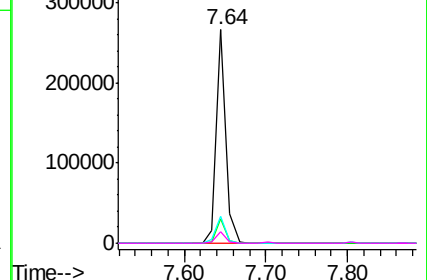
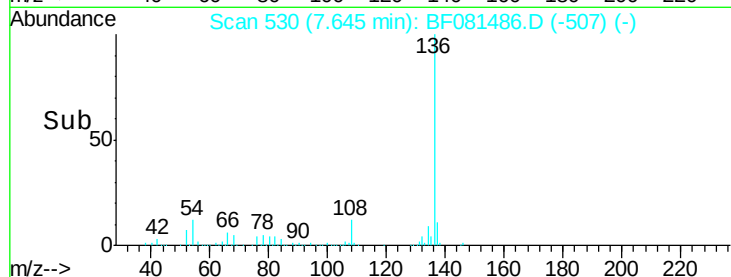


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.99 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

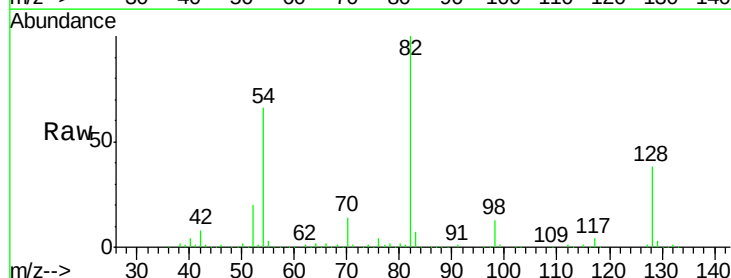
Tgt Ion: 82 Resp: 402191

Ion Ratio Lower Upper

82 100

128 38.0 51.0 76.6#

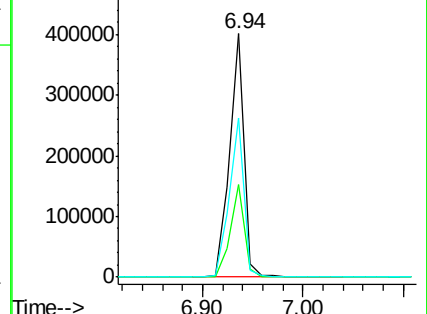
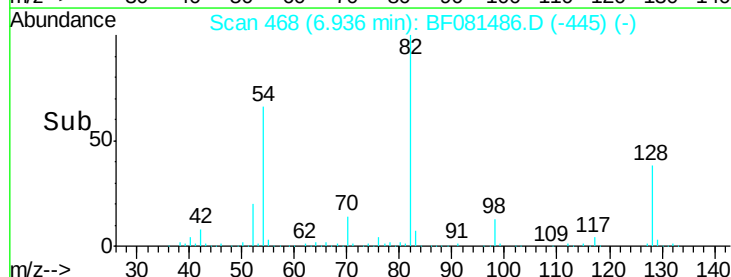
54 65.5 47.5 71.3

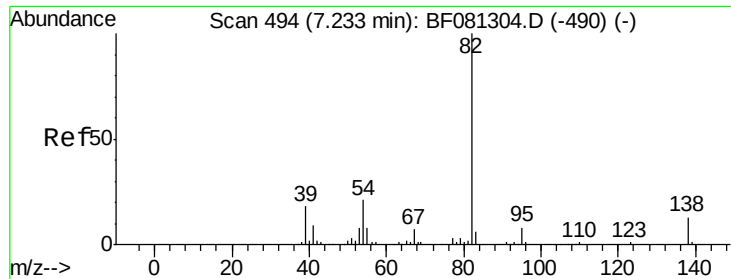


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.29 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

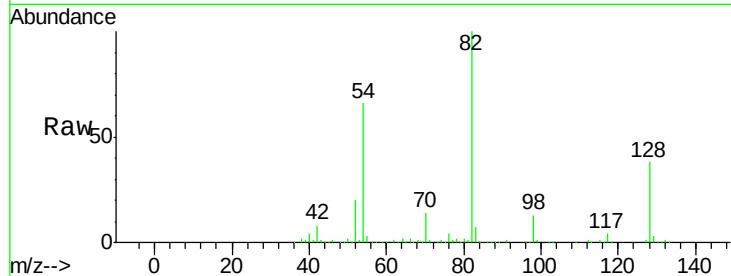
Tot Ion: 82 Resp: 294884

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

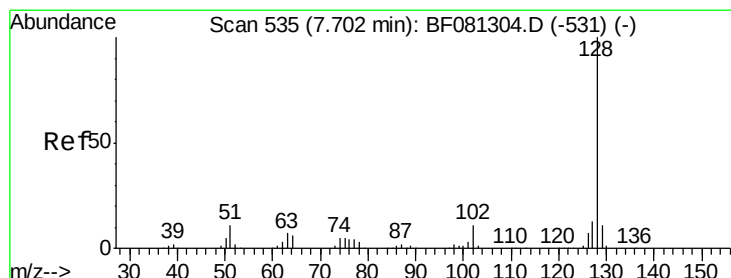
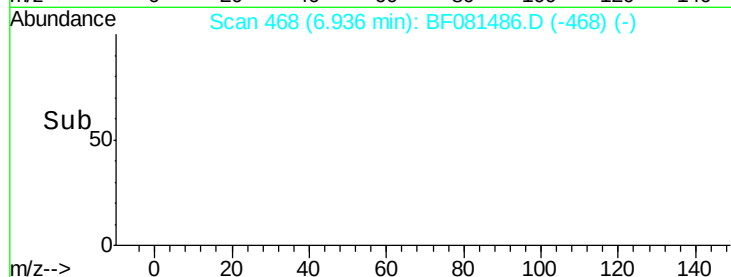
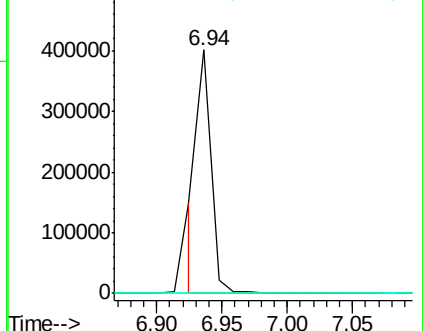
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 3.02 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

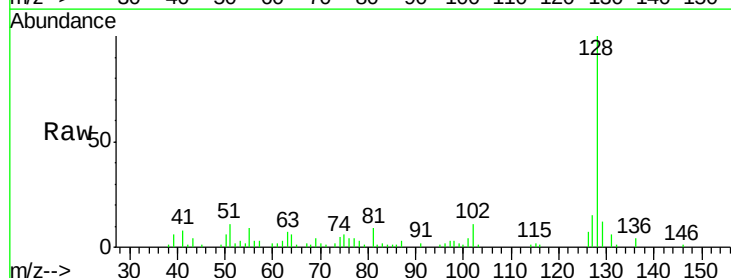
Tgt Ion: 128 Resp: 35871

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

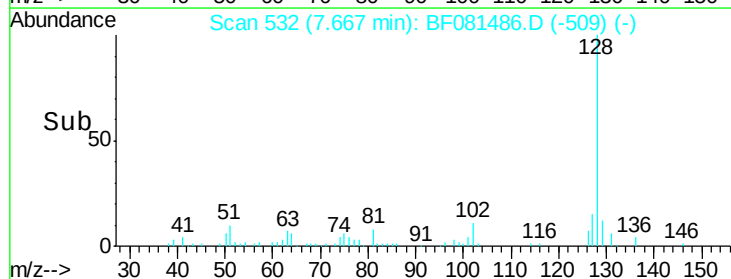
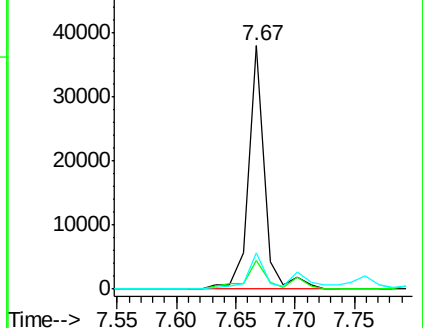
127 14.6 9.9 14.9

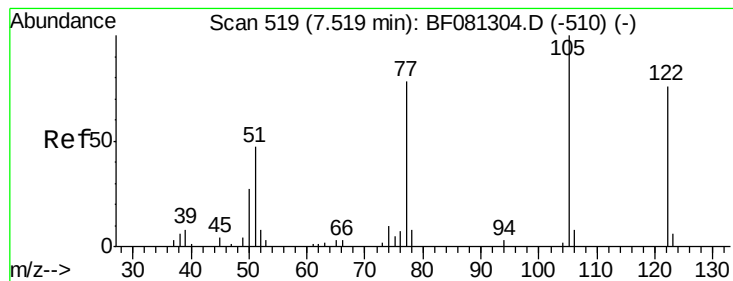


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.69 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

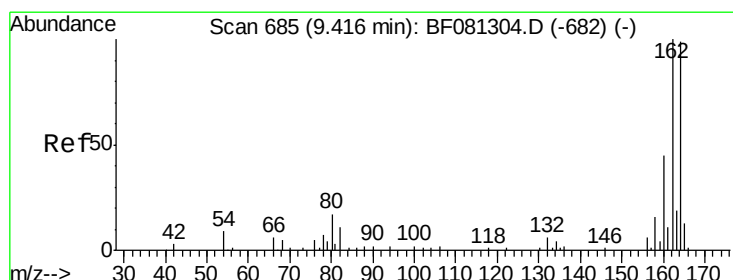
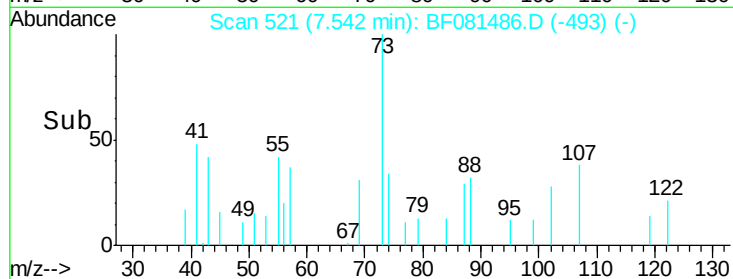
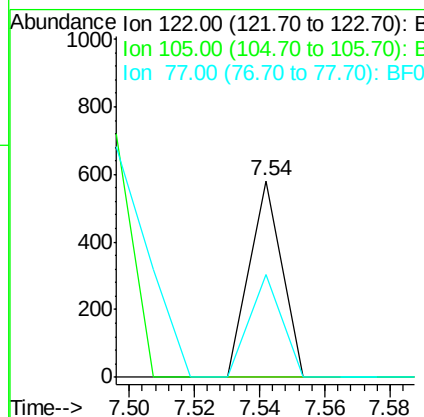
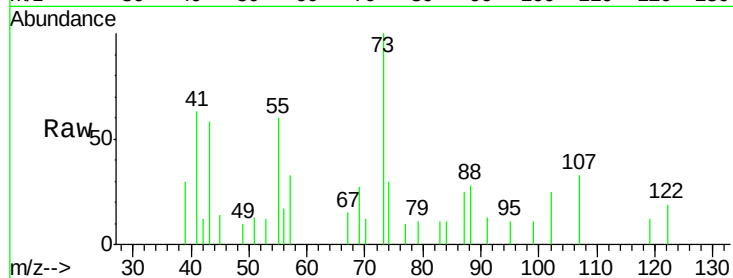
Instrument :

BNA_F

ClientSampleId :

MW-2-090215

Tot Ion:	122	Resp:	399
Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	51.9	40.5	80.5



#38

Acenaphthene-d10

Concen: 20.00 ng

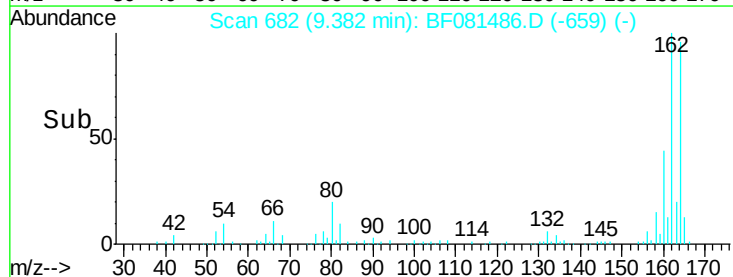
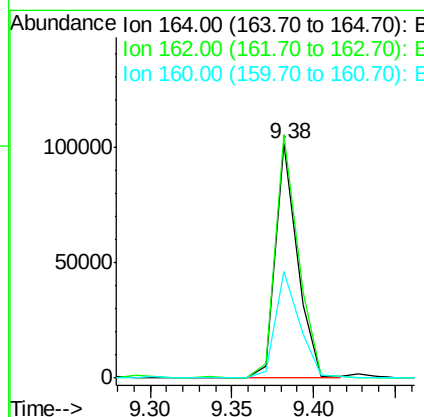
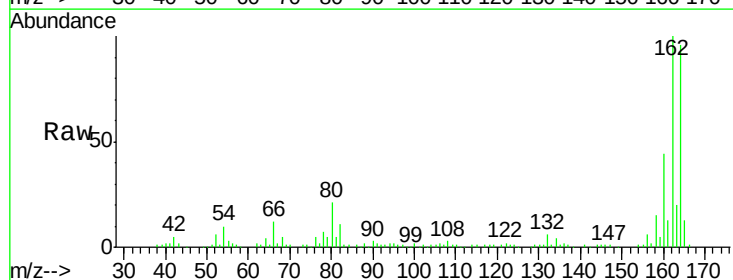
RT: 9.38 min Scan# 682

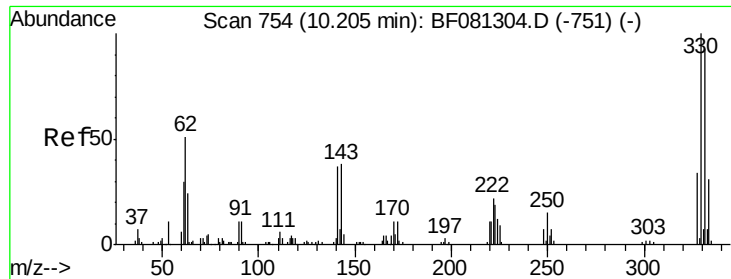
Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Tgt Ion:	164	Resp:	96371
Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	45.4	31.5	47.3

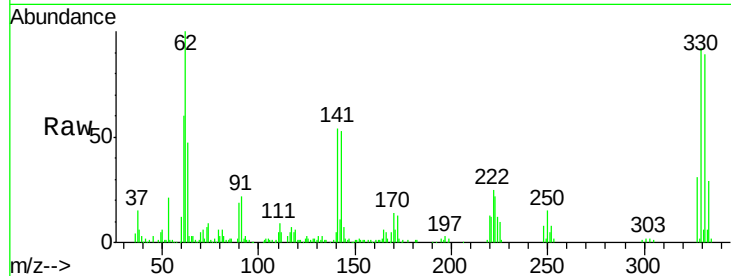




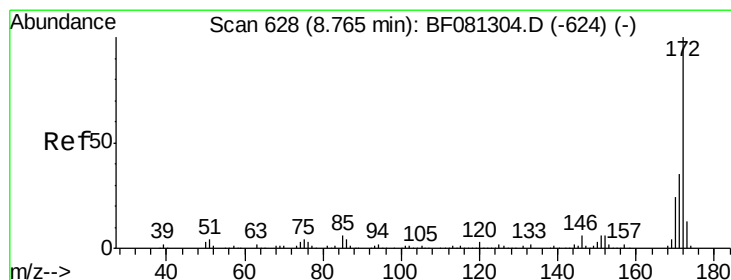
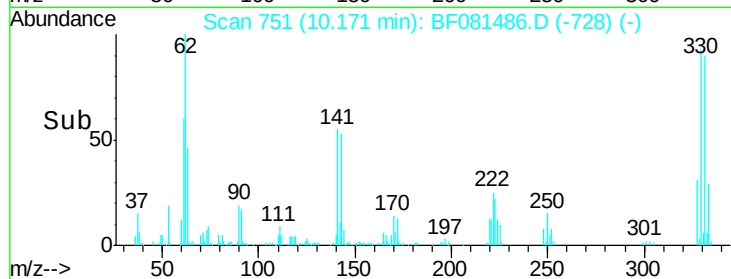
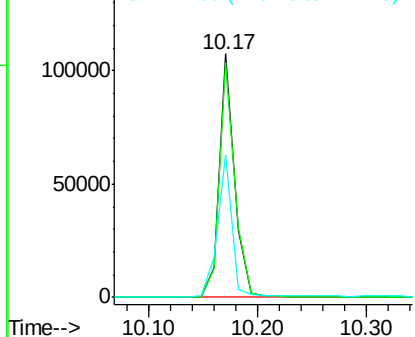
#41
 2,4,6-Tribromophenol
 Concen: 123.47 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-090215

Tot Ion:330 Resp: 105948
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 57.8 29.7 44.5#

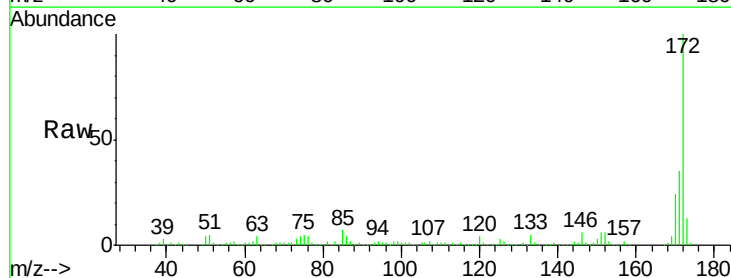


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

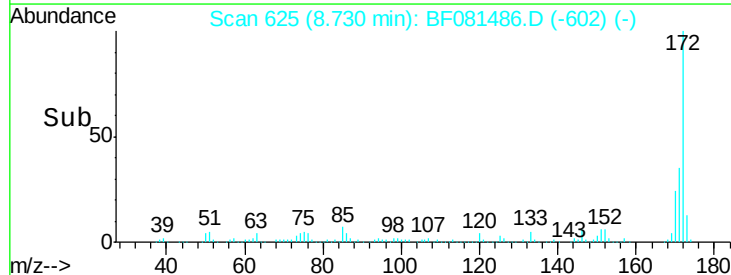
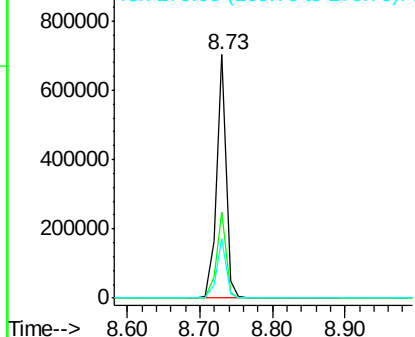


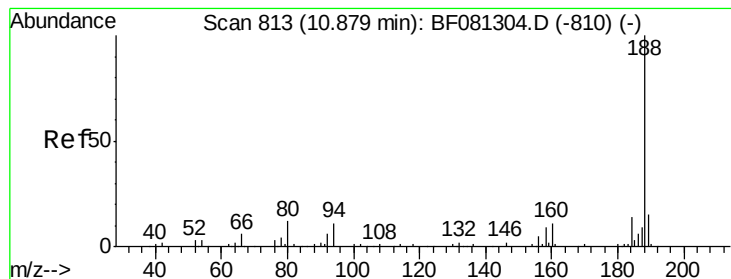
#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

Tgt Ion:172 Resp: 639697
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

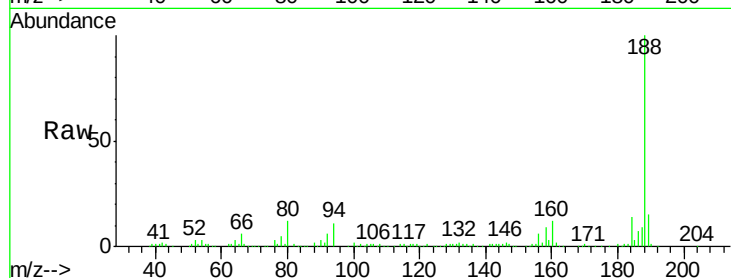
Tot Ion:188 Resp: 183088

Ion Ratio Lower Upper

188 100

94 11.0 11.1 16.7#

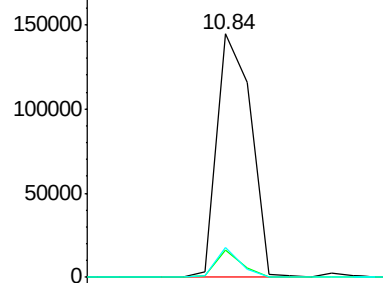
80 12.3 11.0 16.4



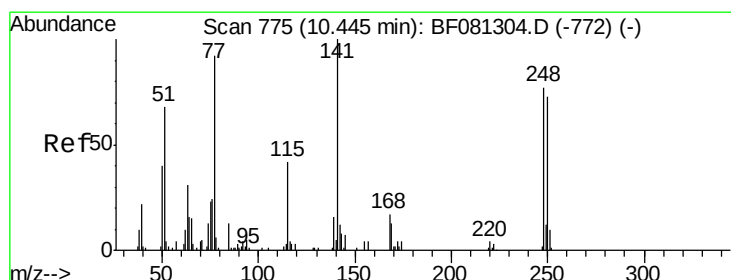
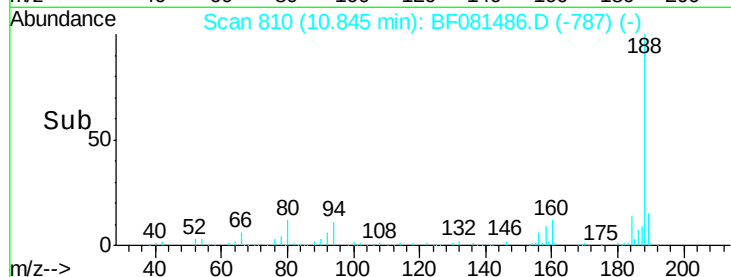
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.47 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

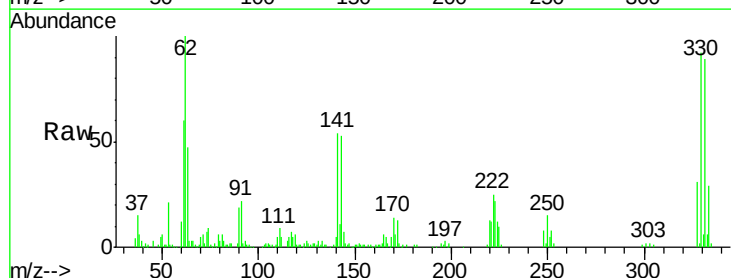
Tgt Ion:248 Resp: 8267

Ion Ratio Lower Upper

248 100

250 195.5 78.5 117.7#

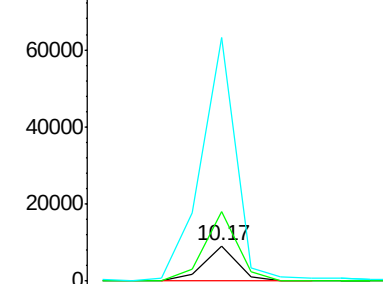
141 688.4 59.0 88.6#



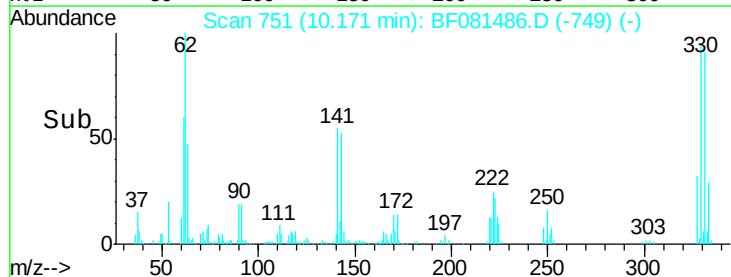
Abundance Ion 248.00 (247.70 to 248.70): E

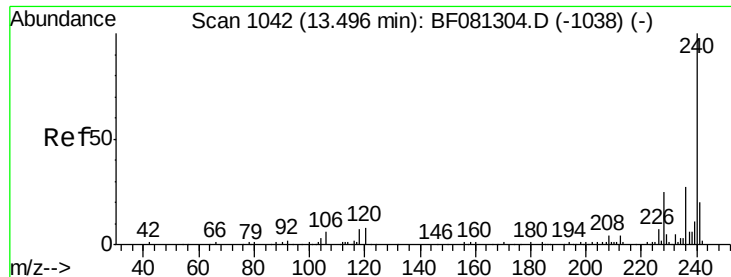
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

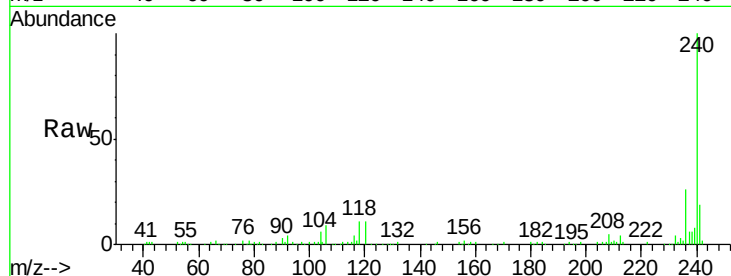
Tot Ion:240 Resp: 135349

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

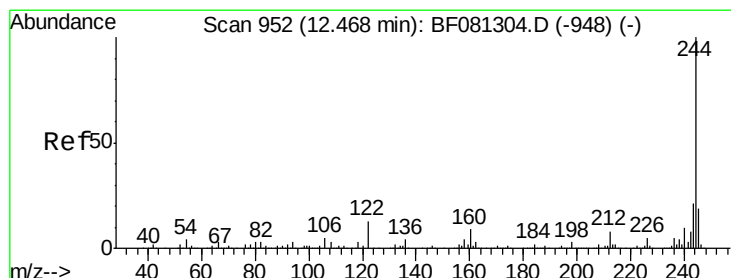
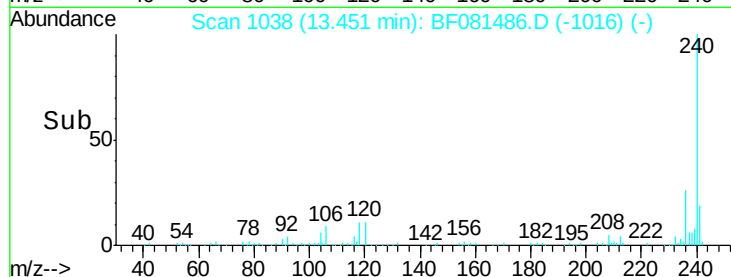
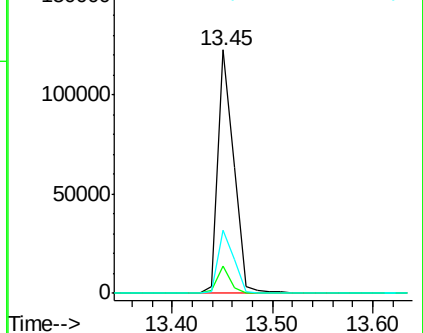
236 25.8 18.4 27.6



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: 84.80 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

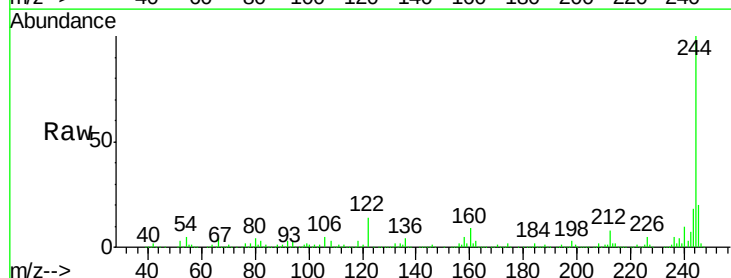
Tgt Ion:244 Resp: 493056

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

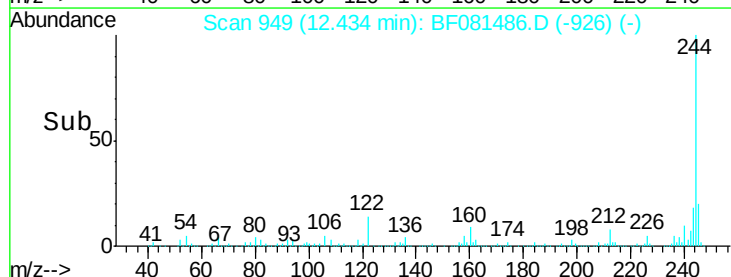
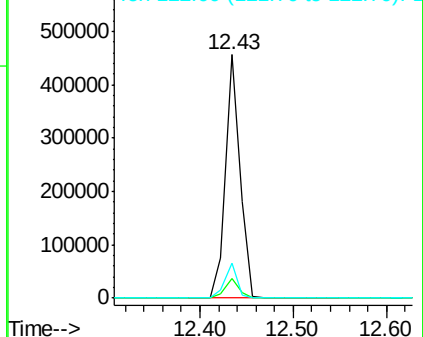
122 14.2 17.4 26.2#

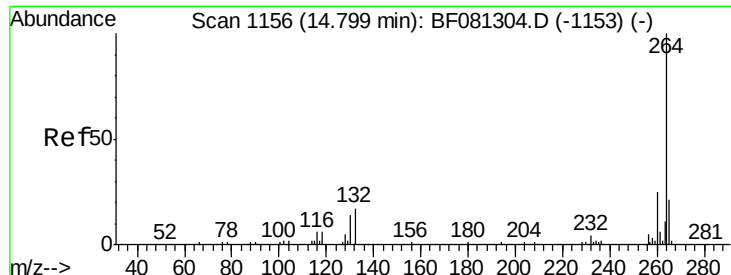


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

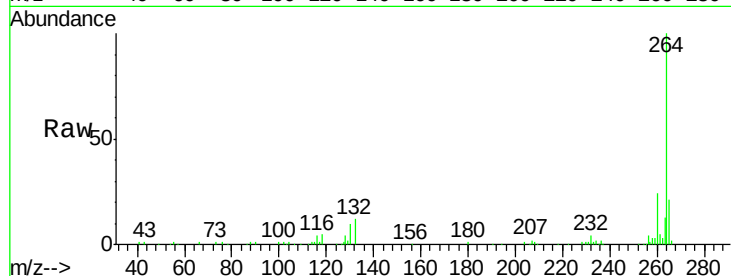




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Instrument :
BNA_F
ClientSampleId :
MW-2-090215

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	20.7	17.2	25.8



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

