

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083190.D
 Acq On : 23 Nov 2015 6:29
 Operator : UM/IZ
 Sample : G4437-03
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Nov 23 06:57:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

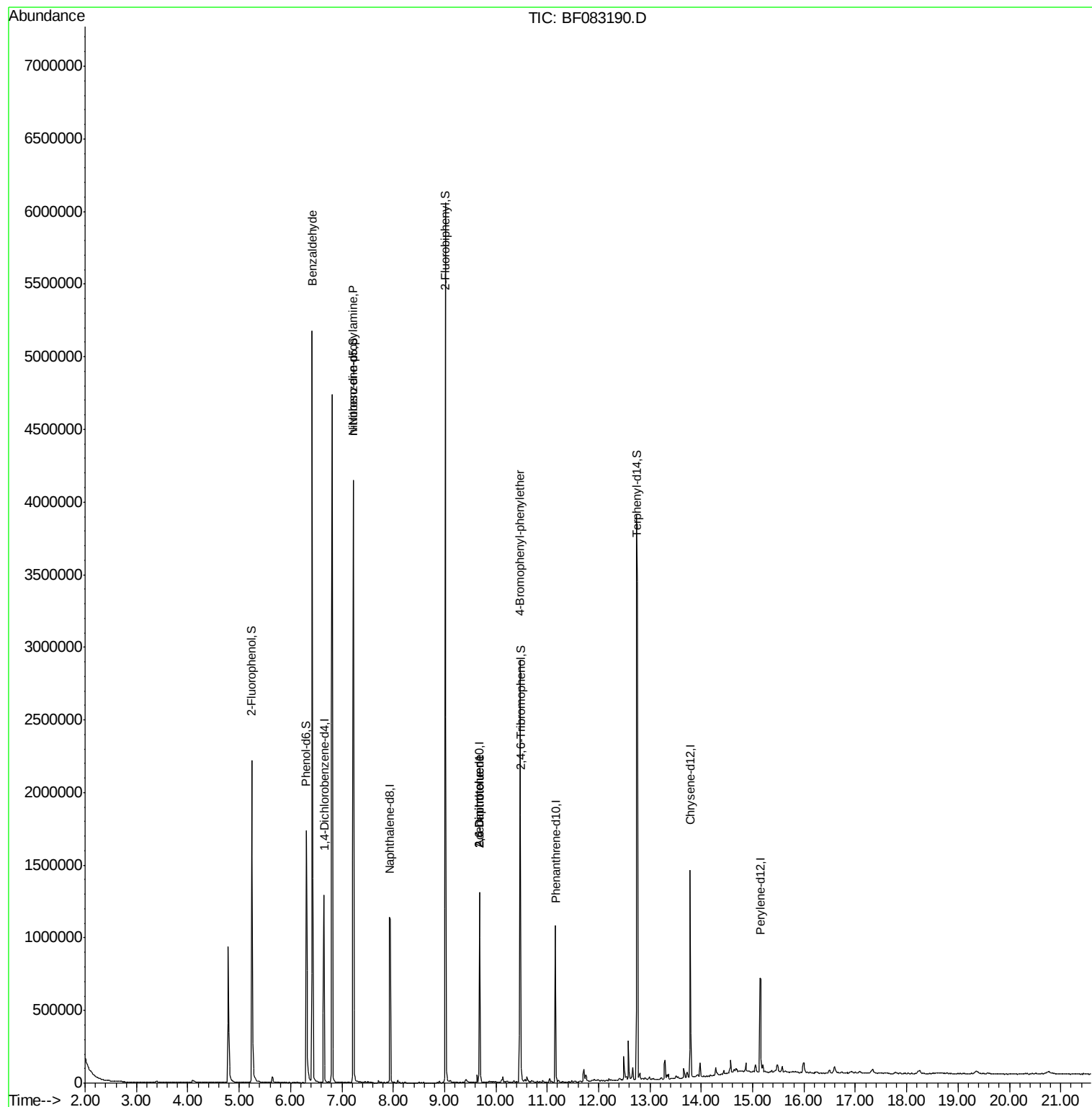
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	217436	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	777982	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	350036	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	559923	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	477897	20.00	ng	-0.02
86) Perylene-d12	15.15	264	373066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	830080	57.72	ng	-0.03
7) Phenol-d6	6.31	99	712681	38.30	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1521844	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	438051	122.32	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2262865	90.15	ng	-0.01
78) Terphenyl-d14	12.75	244	1801815	88.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	35742	2.06	ng	# 74
19) n-Nitroso-di-n-propylamine	7.22	70	206595	15.95	ng	# 77
50) 2,6-Dinitrotoluene	9.68	165	46308	7.66	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	46300	6.04	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	28764	4.63	ng	# 1

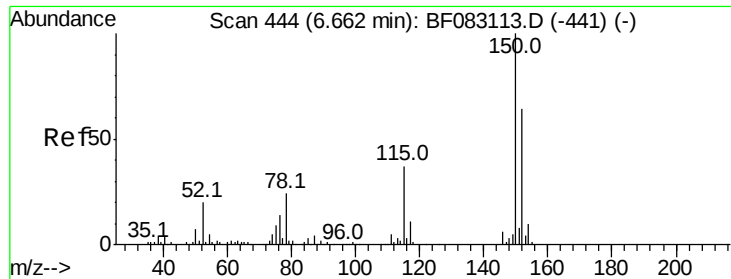
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:57:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MW-34

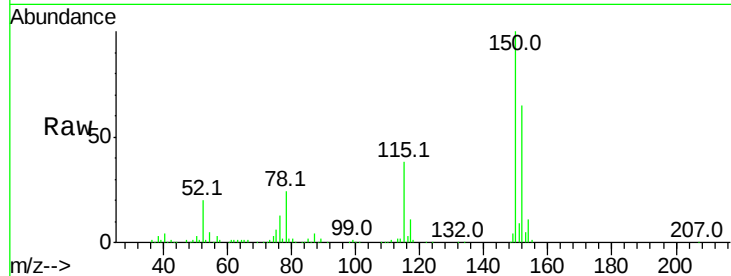
Tot Ion:152 Resp: 217436

Ion Ratio Lower Upper

152 100

150 153.2 125.8 188.8

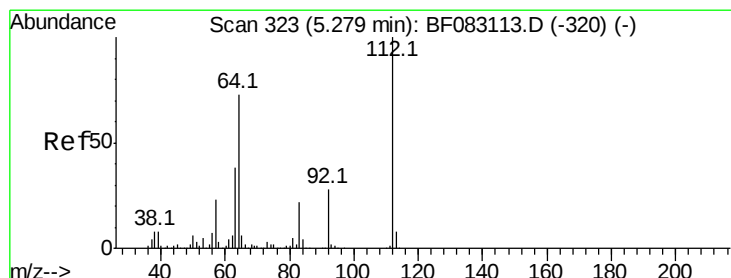
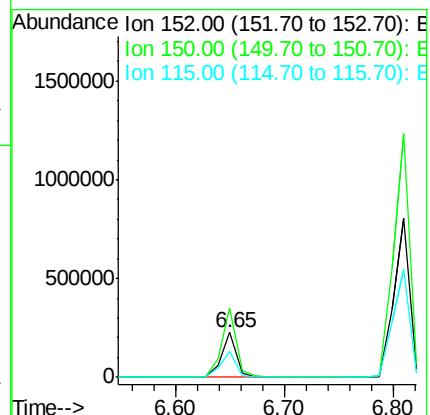
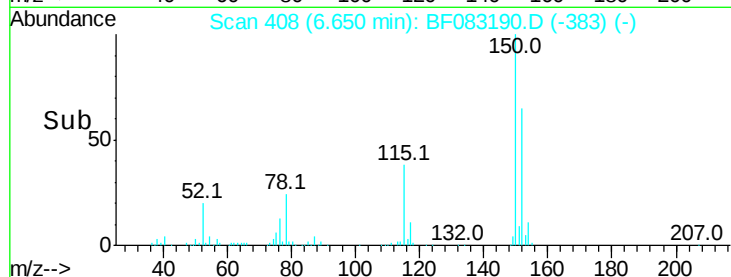
115 57.9 46.9 70.3



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: 57.72 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

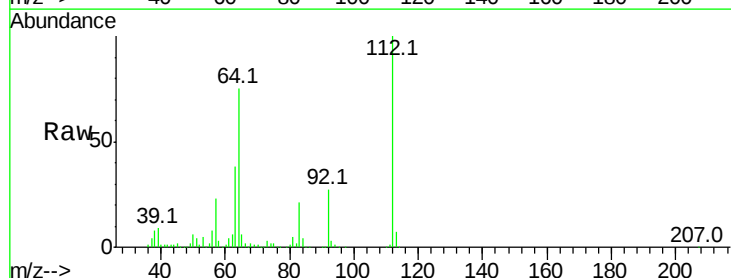
Tgt Ion:112 Resp: 830080

Ion Ratio Lower Upper

112 100

64 75.2 58.4 87.6

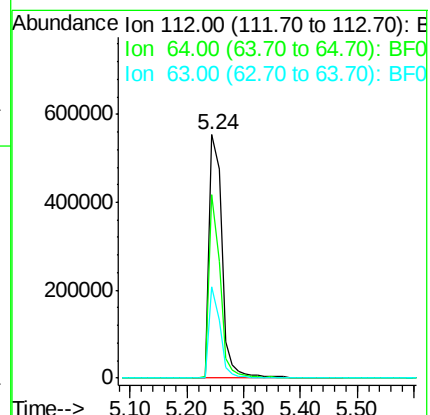
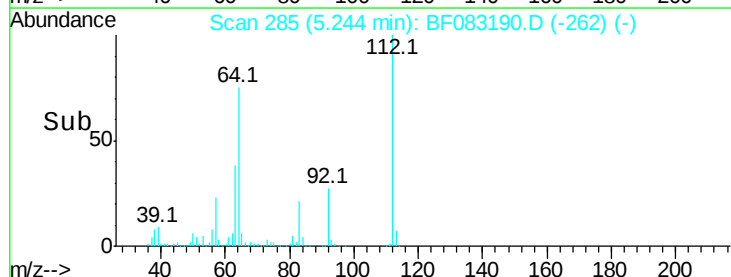
63 37.5 30.0 45.0

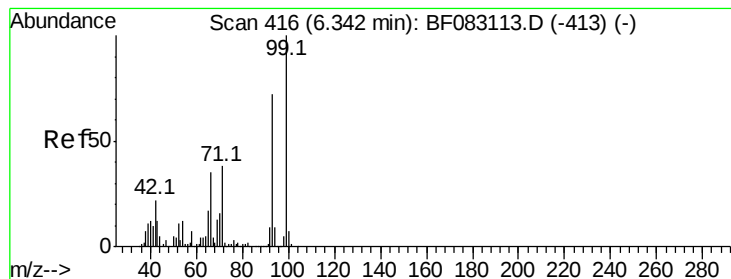


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.30 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MW-34

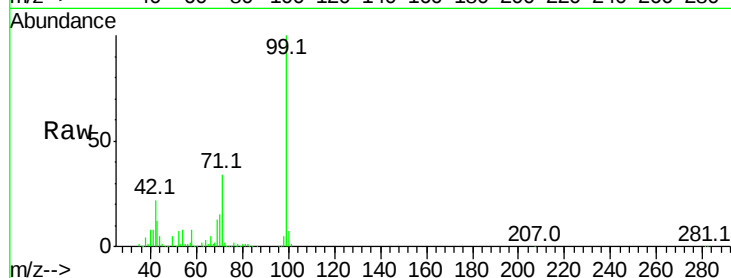
Tot Ion: 99 Resp: 712681

Ion Ratio Lower Upper

99 100

42 21.7 17.7 26.5

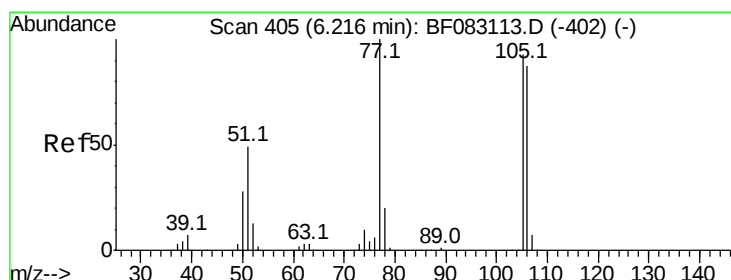
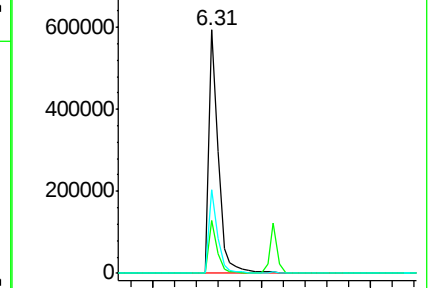
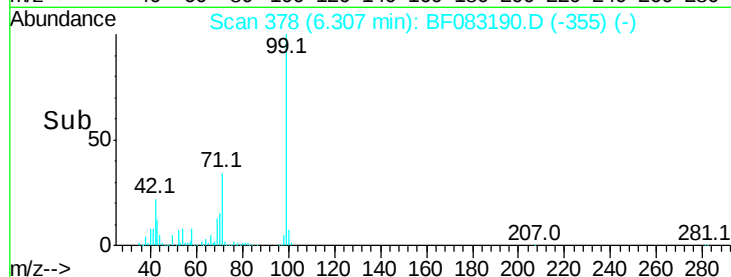
71 34.5 30.2 45.4



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: 2.06 ng

RT: 6.42 min Scan# 388

Delta R.T. 0.21 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

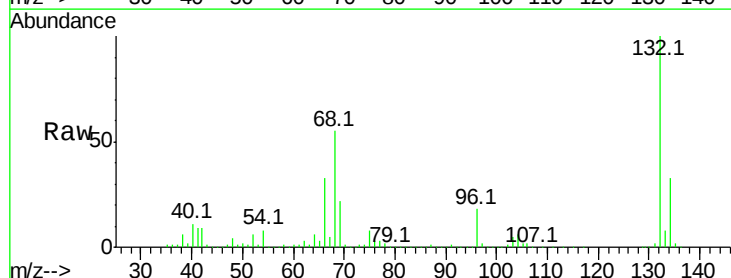
Tgt Ion: 77 Resp: 35742

Ion Ratio Lower Upper

77 100

105 70.3 73.4 113.4#

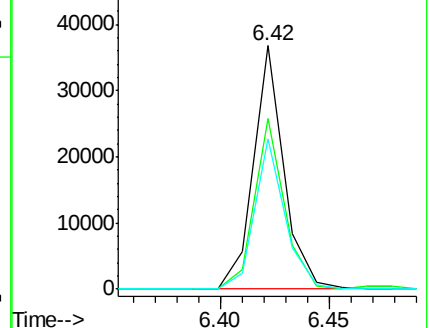
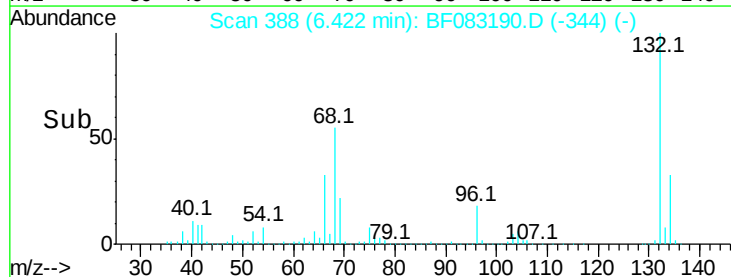
106 61.6 67.5 107.5#

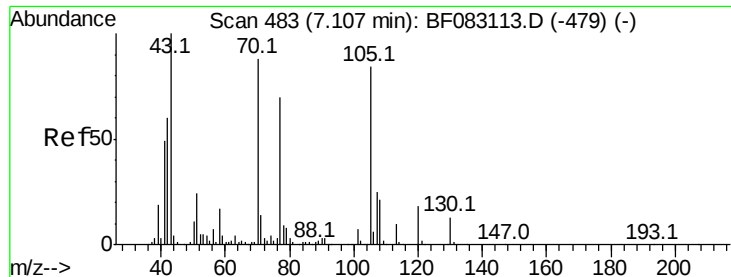


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

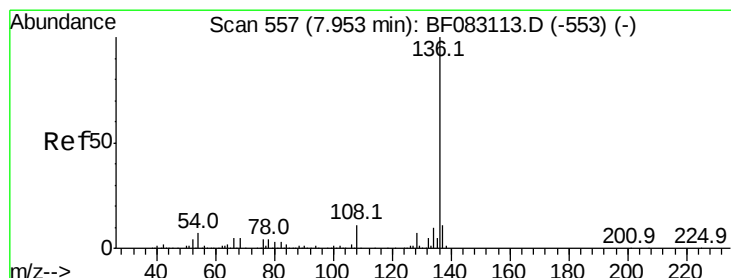
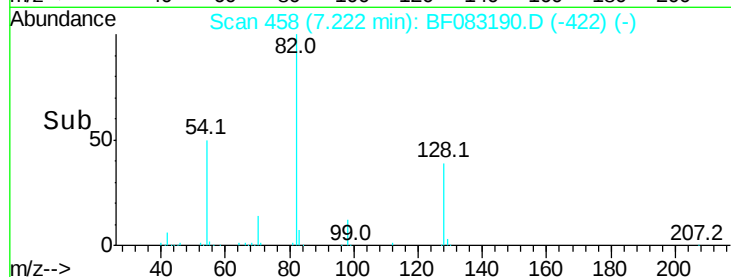
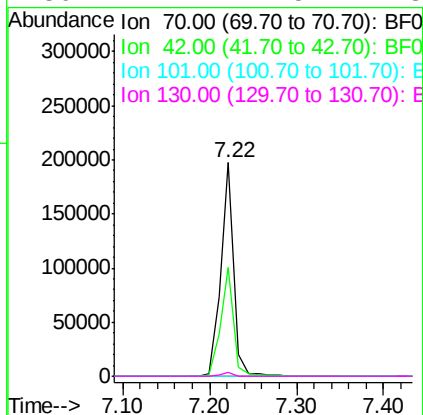
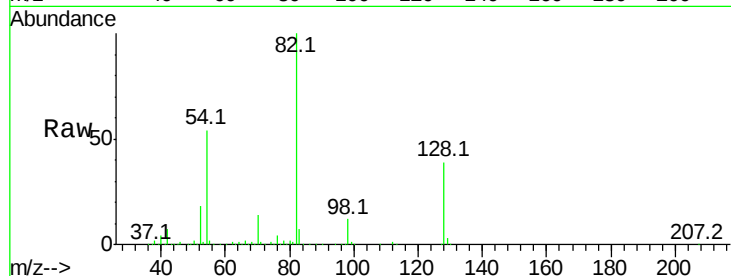




#19
n-Nitroso-di-n-propylamine
Concen: 15.95 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

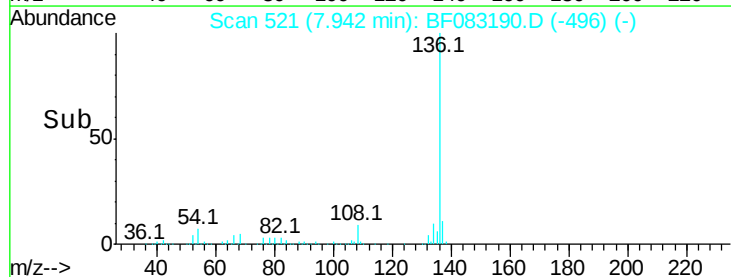
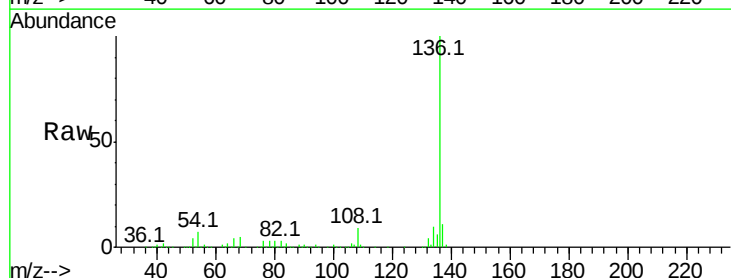
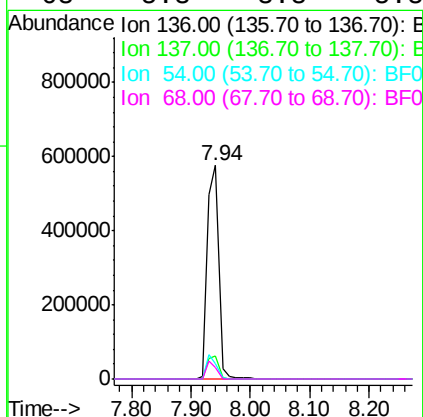
Instrument :
BNA_F
ClientSampleId :
MW-34

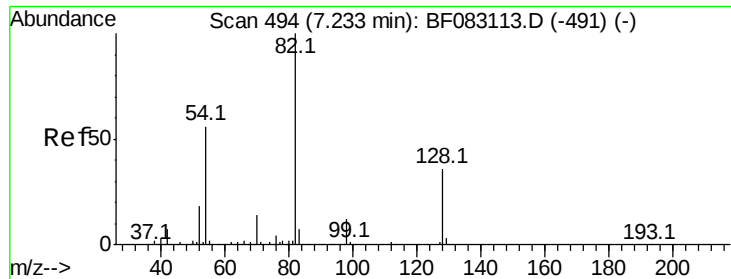
Tot Ion: 70 Resp: 206595
Ion Ratio Lower Upper
70 100
42 50.7 54.5 81.7#
101 0.0 6.6 9.8#
130 2.1 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Tgt Ion: 136 Resp: 777982
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.3 5.8 8.6
68 5.3 3.8 5.8





#23

Nitrobenzene-d5

Concen: 89.38 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

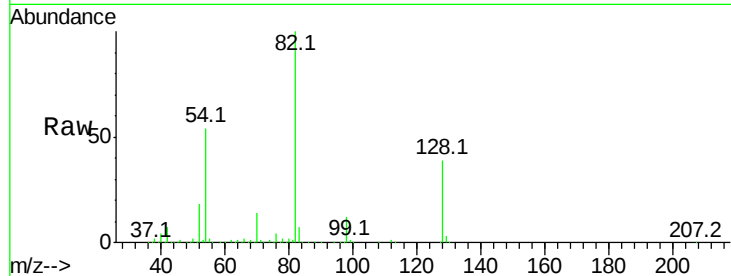
BNA_F

ClientSampleId :

MW-34

Tot Ion: 82 Resp: 1521844

Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.5	42.7
54	54.0	44.6	67.0

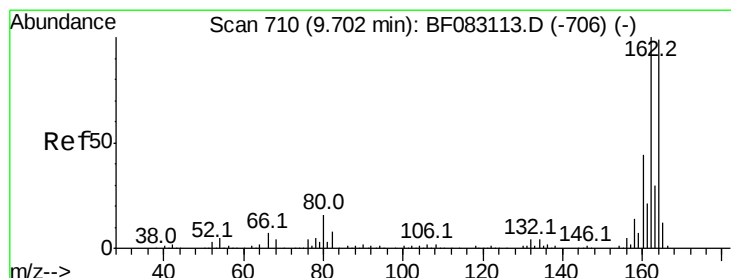
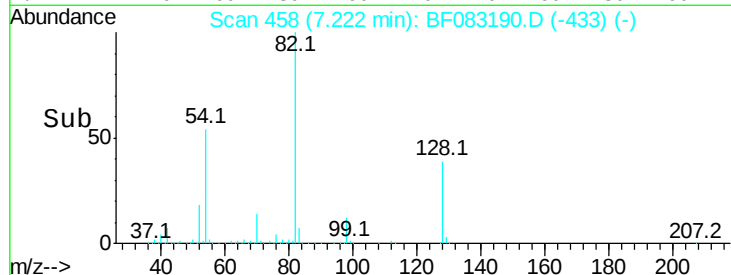
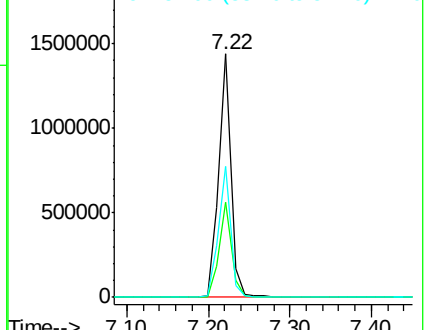


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

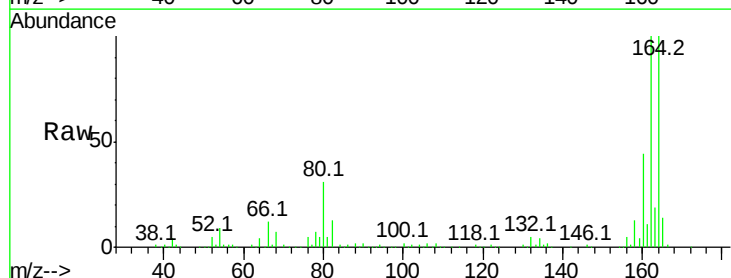
Delta R.T. -0.02 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Tgt Ion:164 Resp: 350036

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	43.7	35.6	53.4

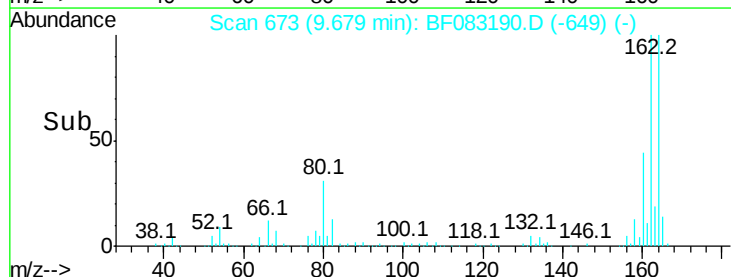
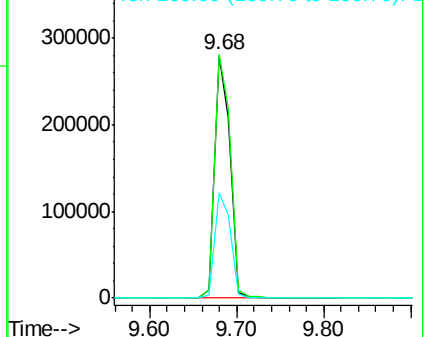


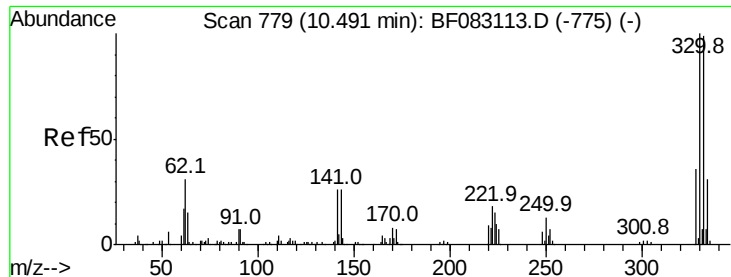
Abundance

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

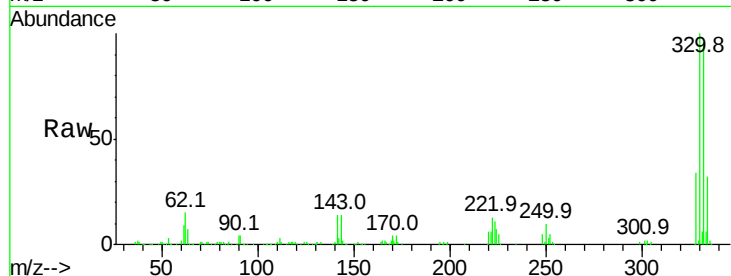




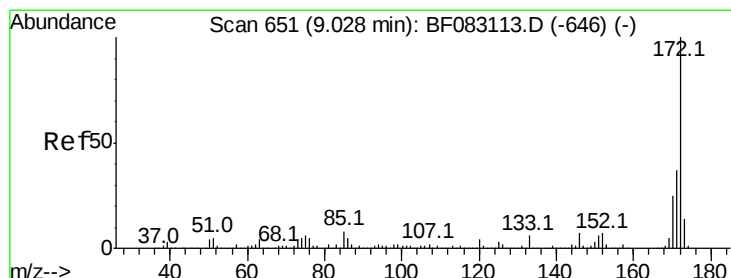
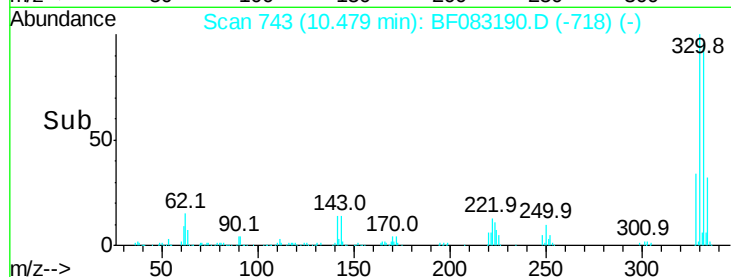
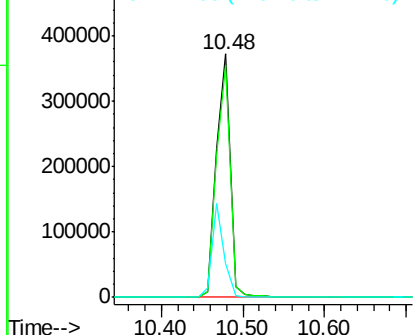
#41
 2,4,6-Tribromophenol
 Concen: 122.32 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Instrument :
 BNA_F
 ClientSampled :
 MW-34

Tot Ion:330 Resp: 438051
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.7 116.5
 141 33.8 29.7 44.5

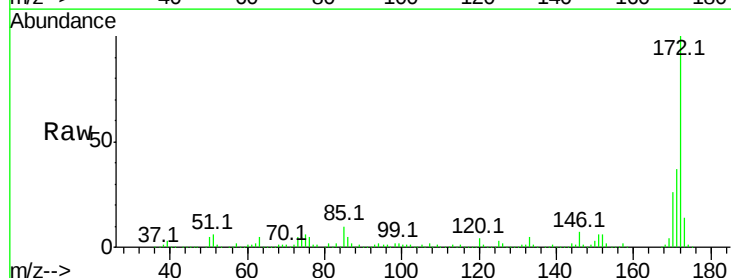


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

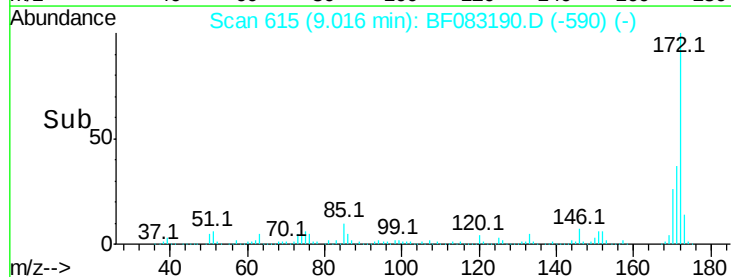
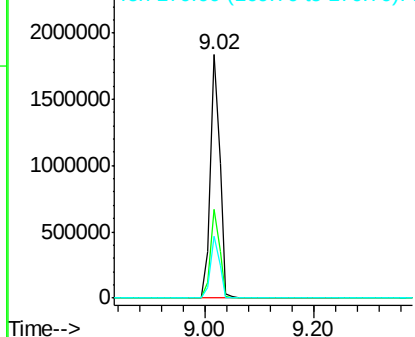


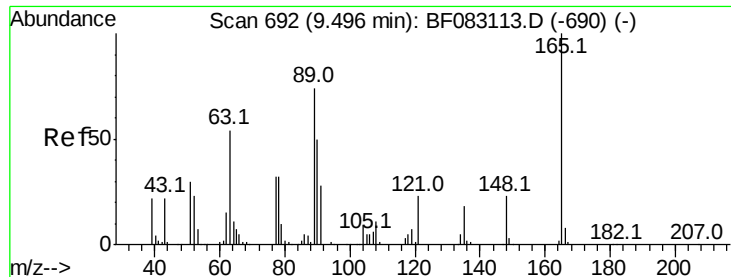
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Tgt Ion:172 Resp: 2262865
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 25.6 19.9 29.9



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

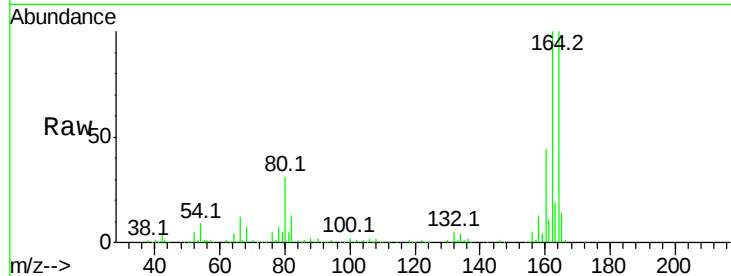




#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.68 min Scan# 673
Delta R.T. 0.18 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MW-34

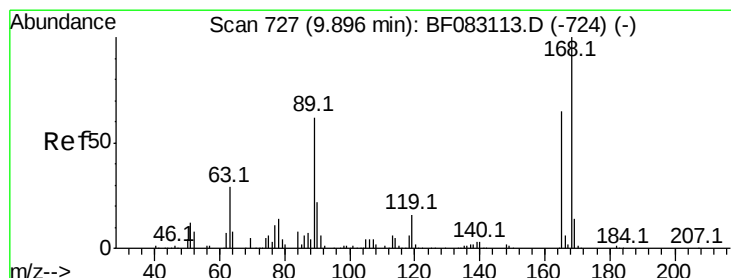
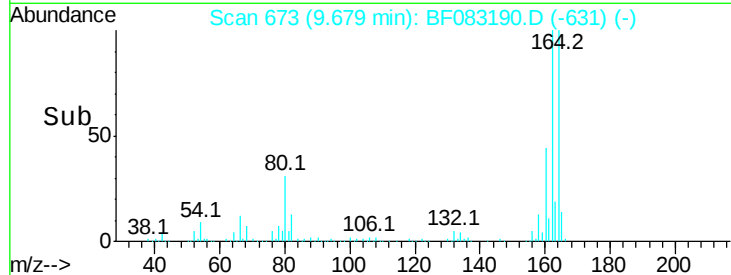
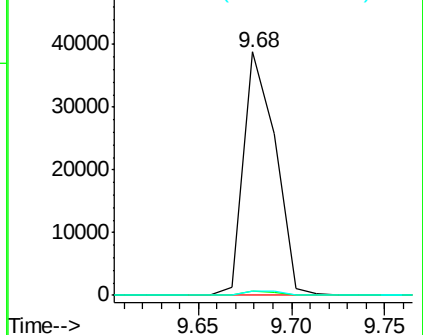
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	62.5	93.7#
89	1.6	59.1	88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

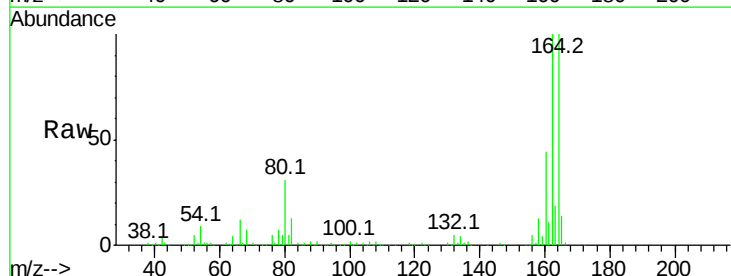
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#

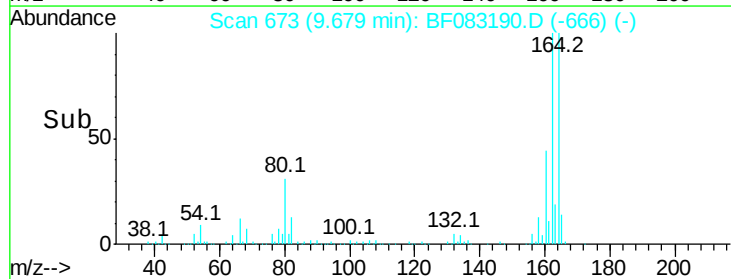
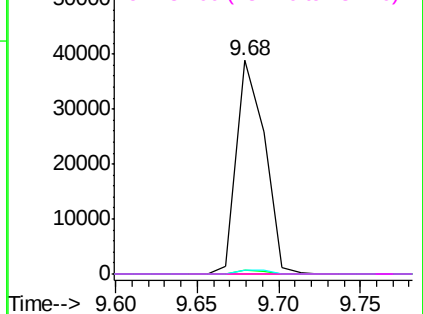


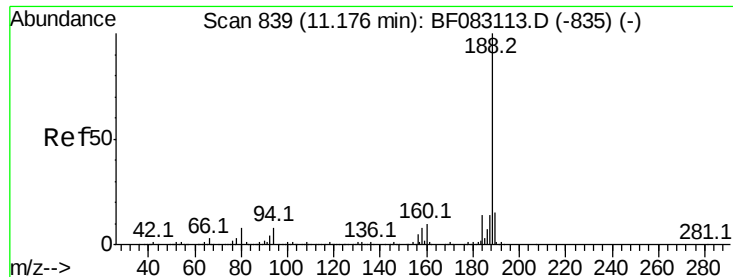
Abundance Ion 165.00 (164.70 to 165.70): E

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

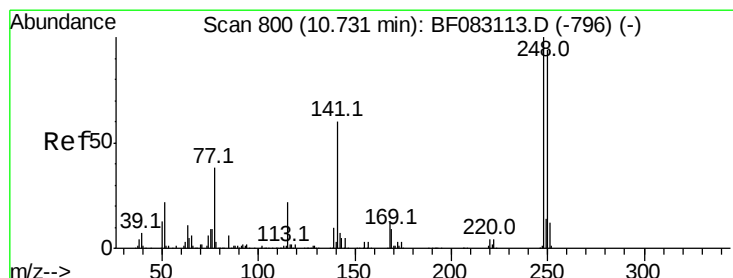
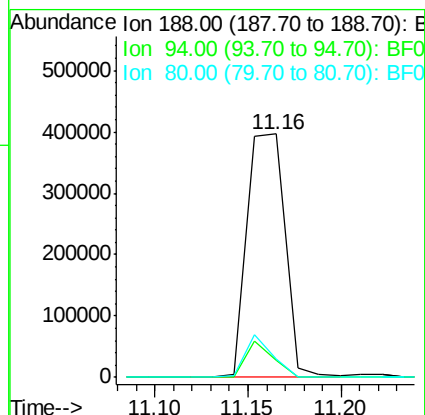
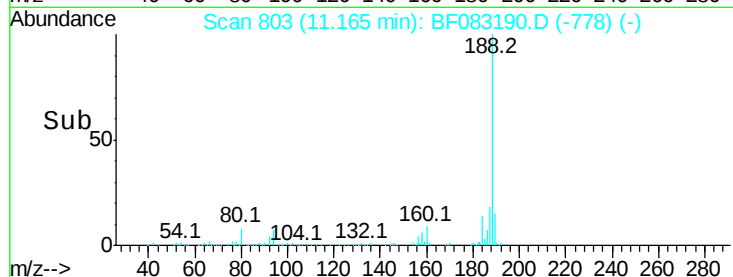
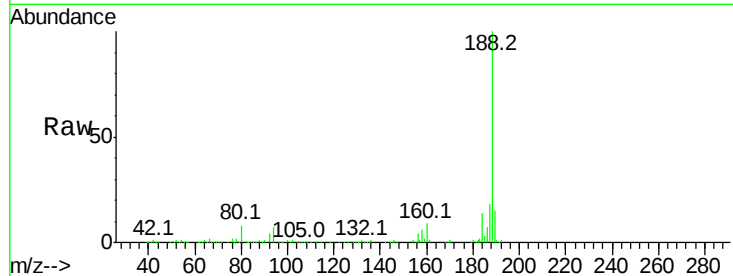




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

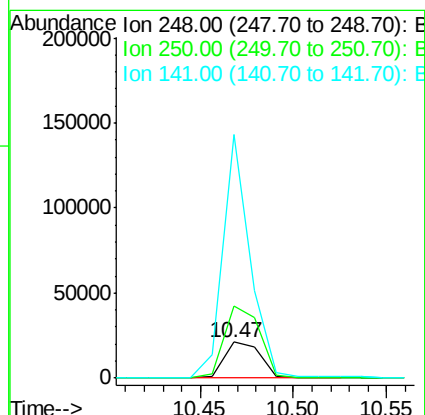
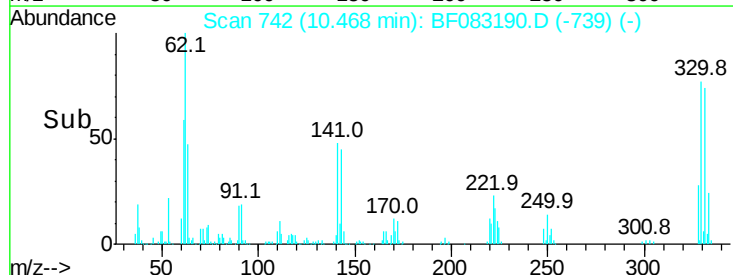
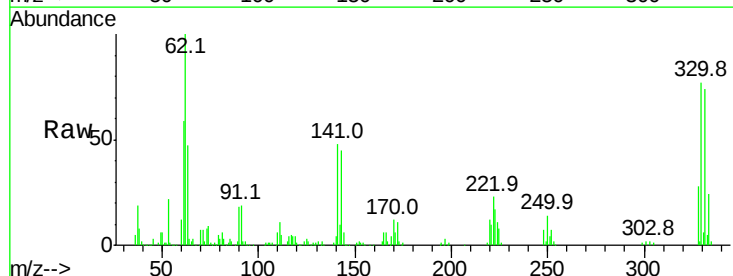
Instrument :
BNA_F
ClientSampleId :
MW-34

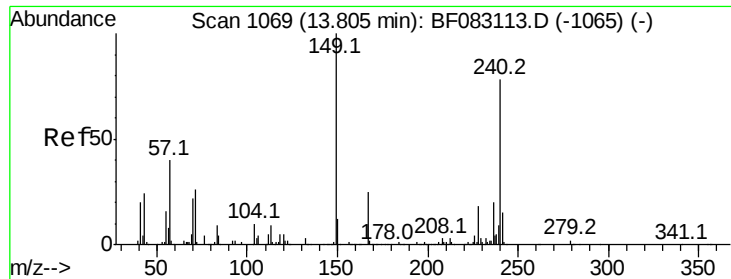
Tot Ion:188 Resp: 559923
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.6 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Tgt Ion:248 Resp: 28764
Ion Ratio Lower Upper
248 100
250 198.9 75.4 113.2#
141 676.9 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MW-34

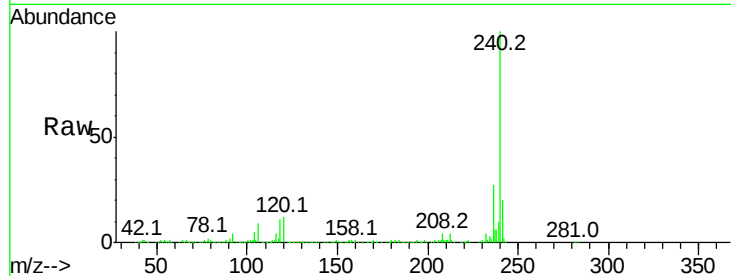
Tot Ion:240 Resp: 477897

Ion Ratio Lower Upper

240 100

120 12.1 5.4 8.2#

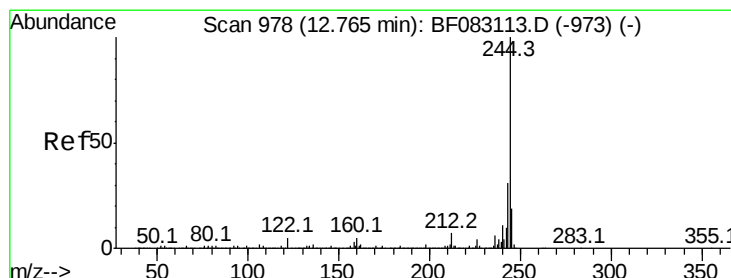
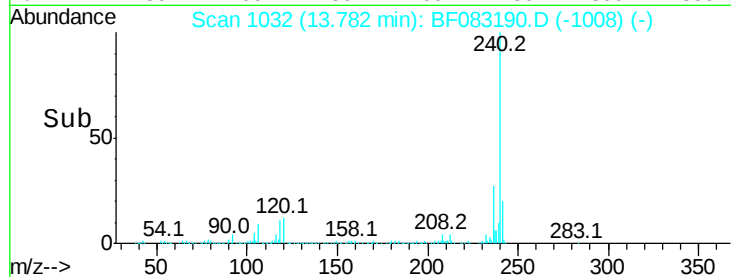
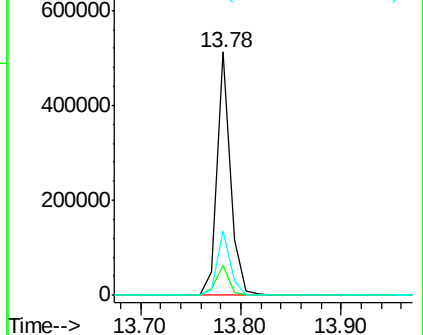
236 26.6 20.6 31.0



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: 88.78 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

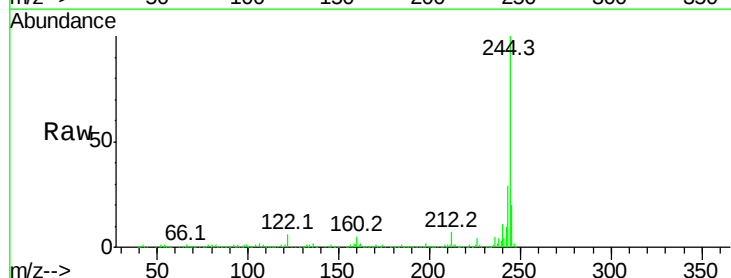
Tgt Ion:244 Resp: 1801815

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

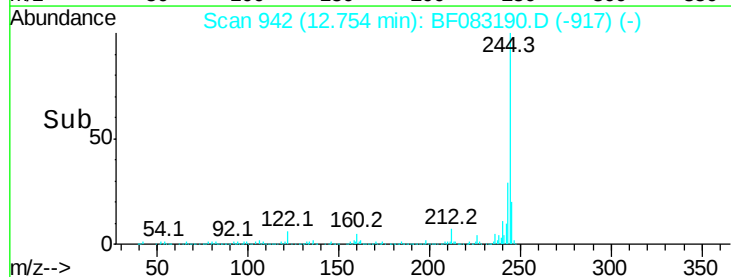
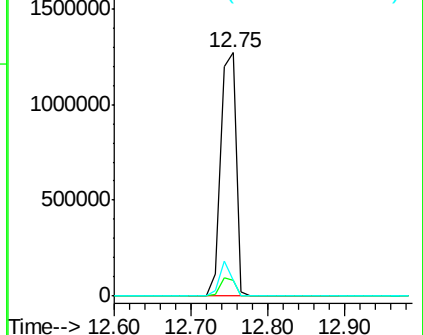
122 6.3 4.3 6.5

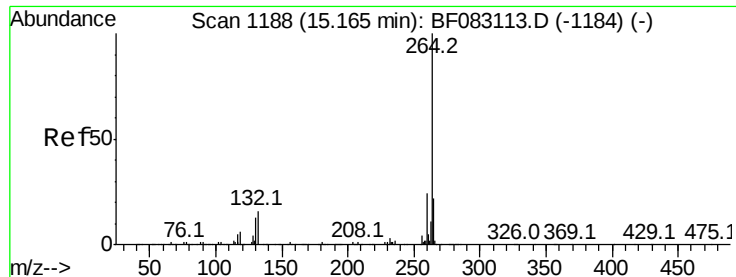


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

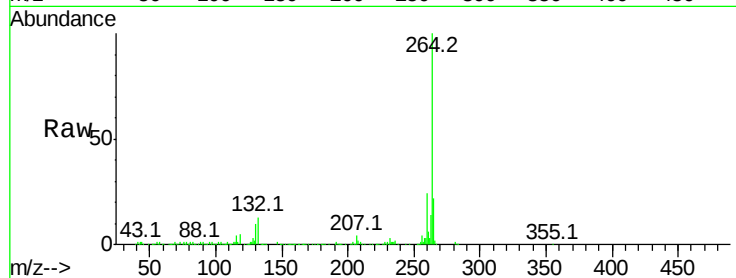




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.4	18.2	27.4



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

