

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083154.D
 Acq On : 22 Nov 2015 12:51
 Operator : UM/IZ
 Sample : G4504-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Nov 23 03:35:54 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

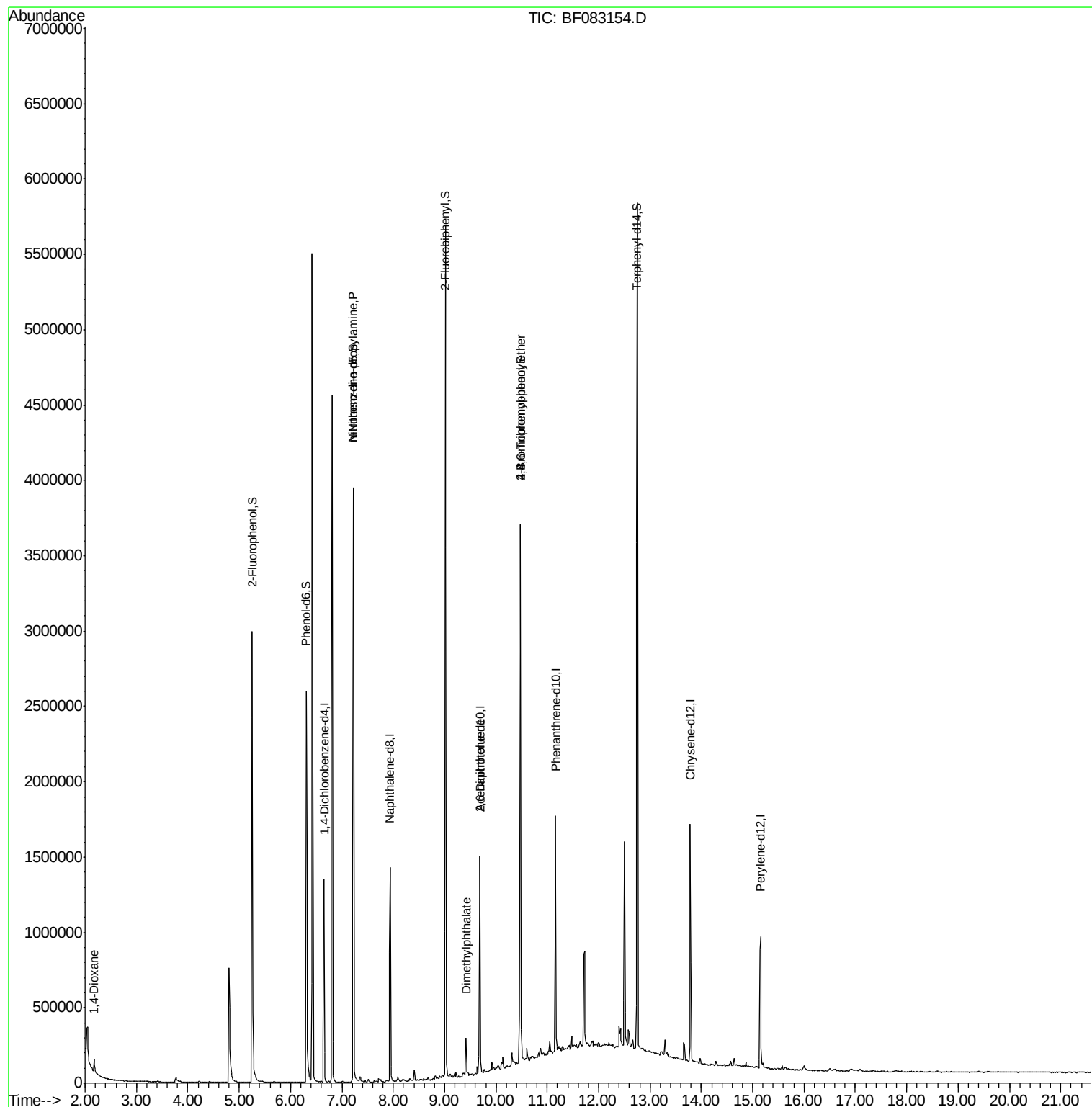
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	205584	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	791480	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	403240	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	713417	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	602855	20.00	ng	-0.02
86) Perylene-d12	15.15	264	485451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1198207	88.12	ng	-0.02
7) Phenol-d6	6.31	99	1084545	61.64	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1451568	83.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	565067	136.97	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2366161	81.82	ng	-0.01
78) Terphenyl-d14	12.75	244	2104628	82.21	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.17	88	46098	6.84	ng	# 89
9) Benzaldehyde	6.31	77	1748	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	7.22	70	198094	16.18	ng	# 76
49) Dimethylphthalate	9.42	163	96506	3.11	ng	100
50) 2,6-Dinitrotoluene	9.69	165	51823	7.44	ng	# 14
66) 4-Bromophenyl-phenylether	10.48	248	39003	4.93	ng	# 1

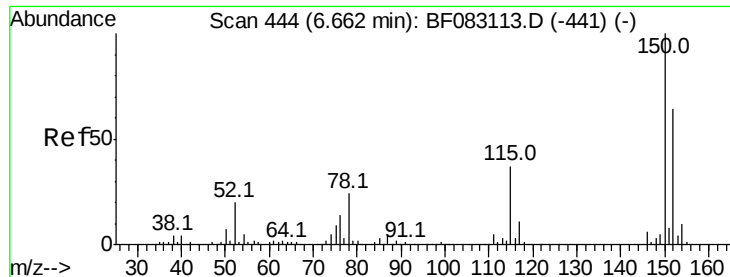
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Nov 23 03:35:54 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



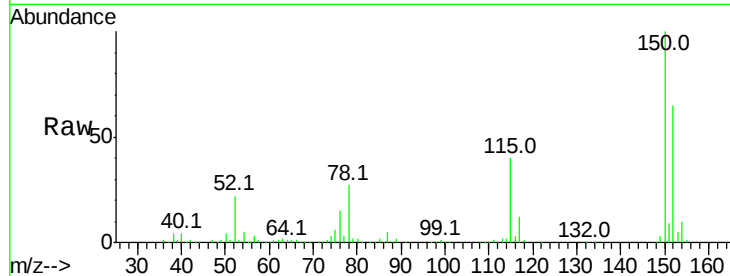


#1

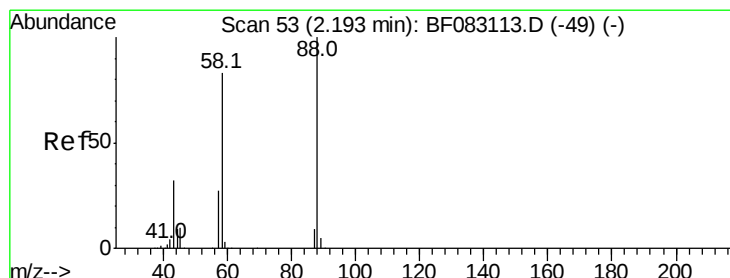
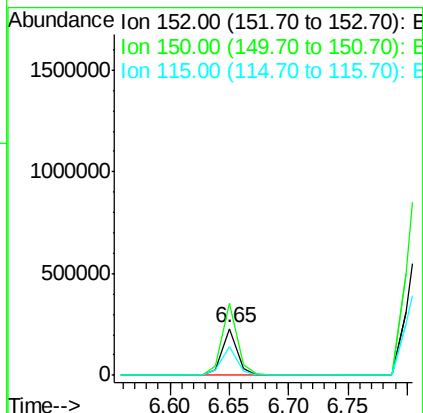
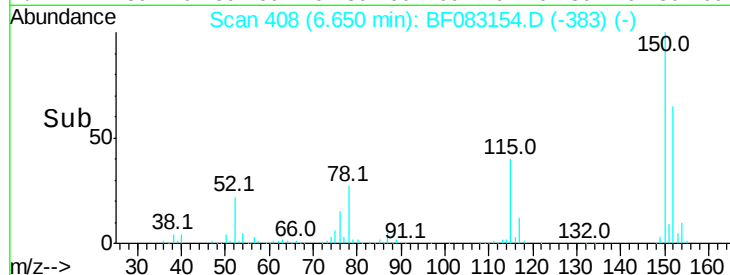
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:152 Resp: 205584
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.8
115 61.4 46.9 70.3



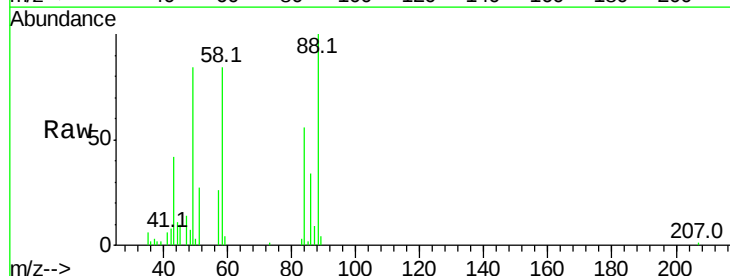
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



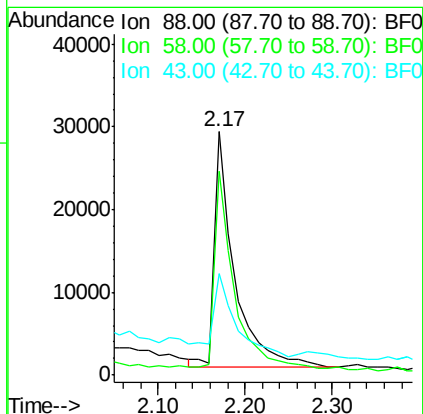
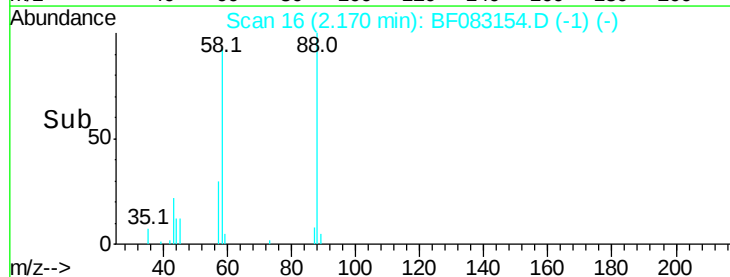
#2

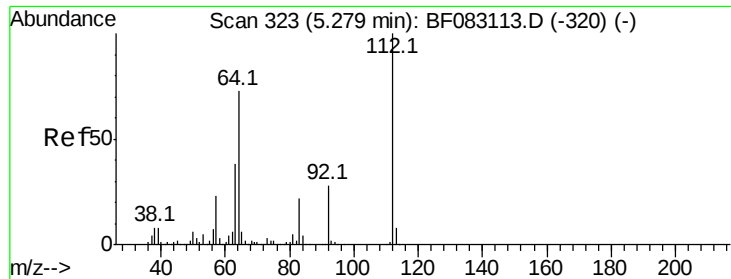
1,4-Dioxane
Concen: 6.84 ng
RT: 2.17 min Scan# 16
Delta R.T. -0.02 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Tgt Ion: 88 Resp: 46098
Ion Ratio Lower Upper
88 100
58 88.5 65.0 97.6
43 40.7 24.7 37.1#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 88.12 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampleId :

MW-02

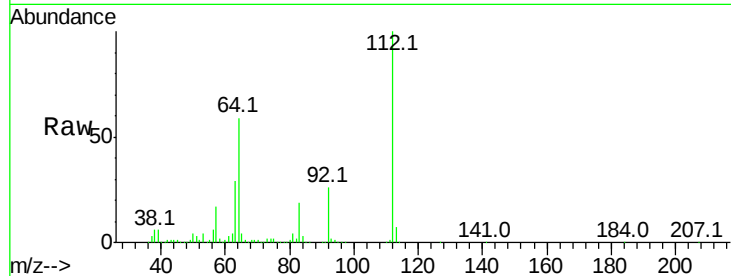
Tot Ion:112 Resp: 1198207

Ion Ratio Lower Upper

112 100

64 58.7 58.4 87.6

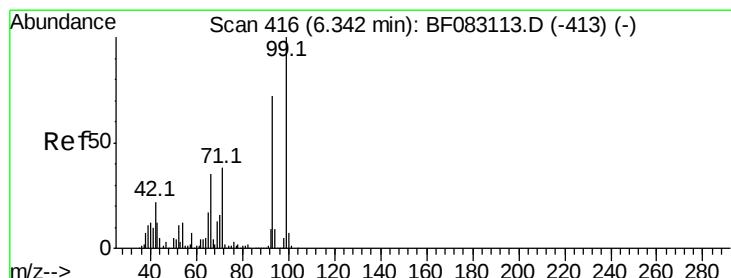
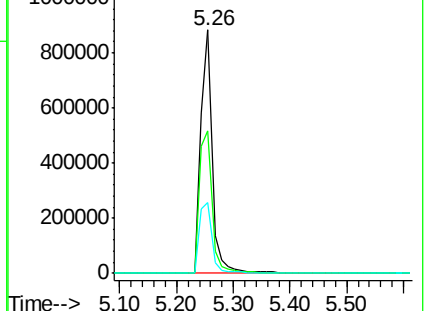
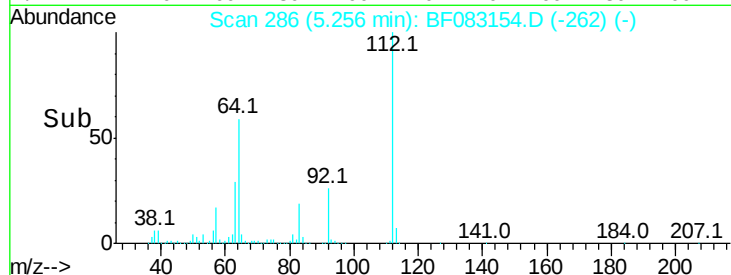
63 29.1 30.0 45.0#



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: 61.64 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

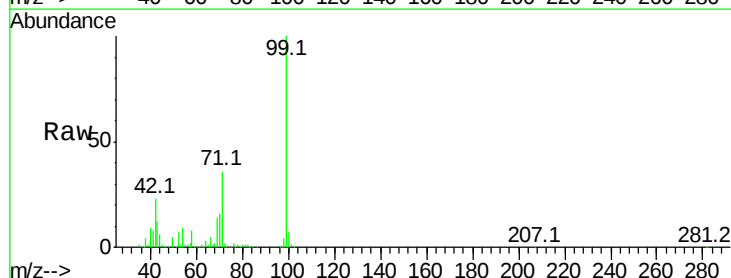
Tgt Ion: 99 Resp: 1084545

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

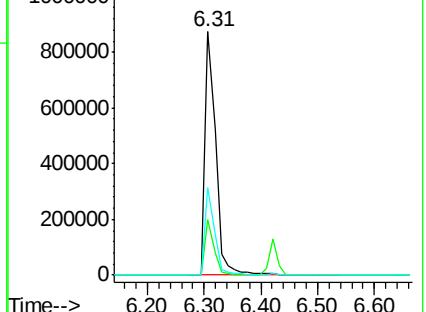
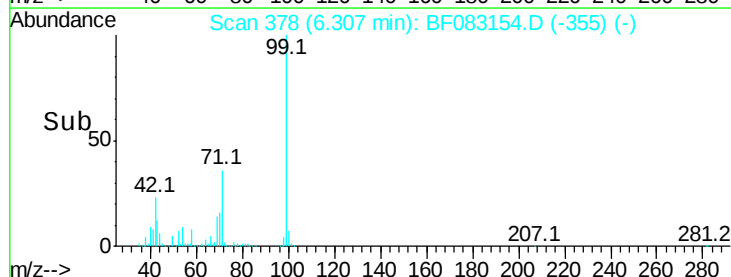
71 35.9 30.2 45.4

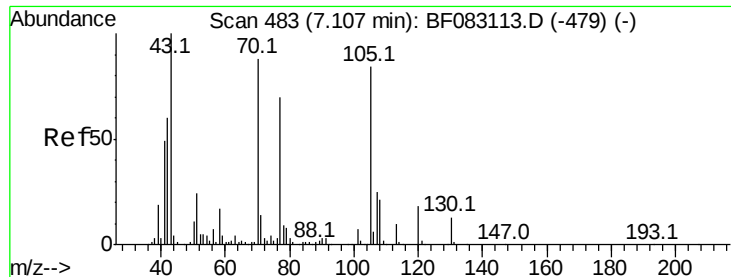


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

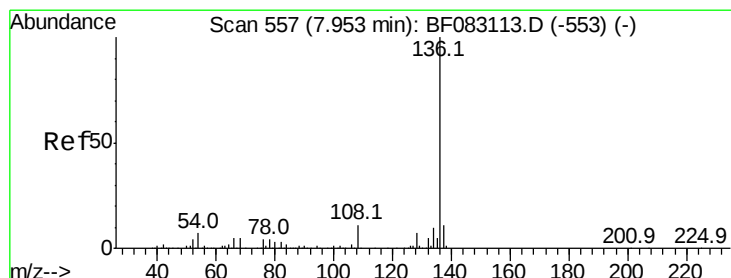
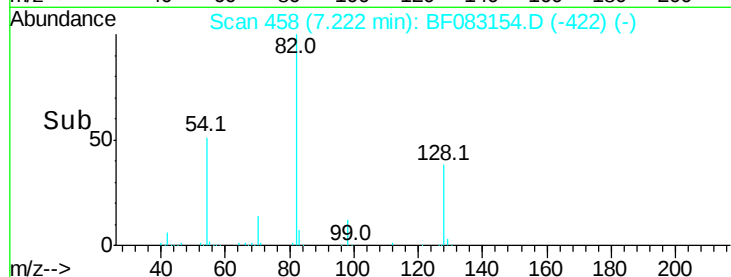
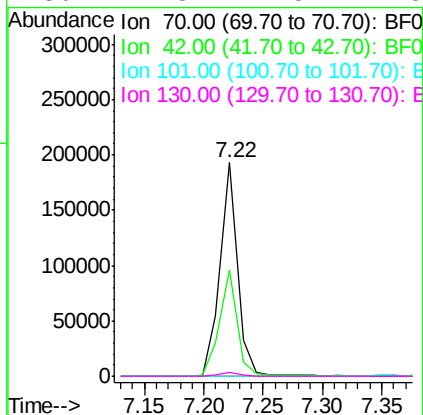
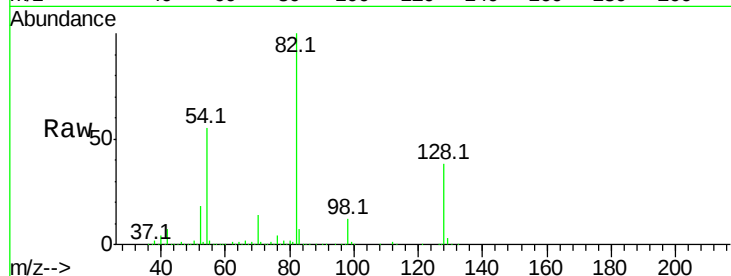




#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

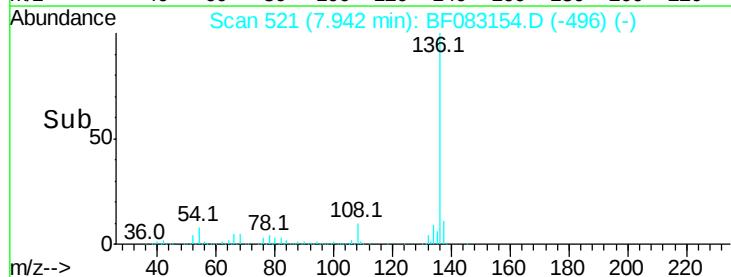
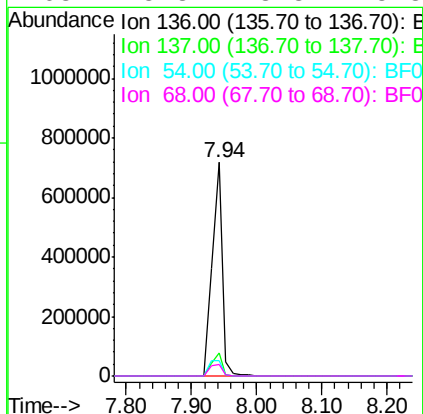
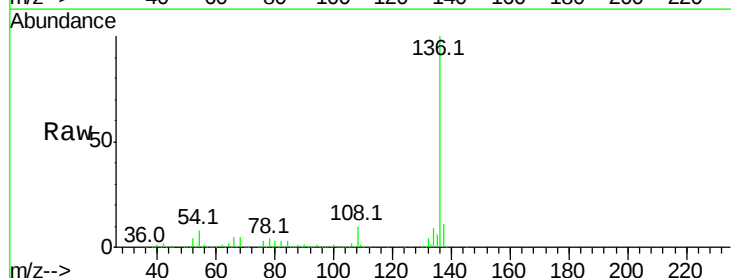
Instrument :
BNA_F
ClientSampleId :
MW-02

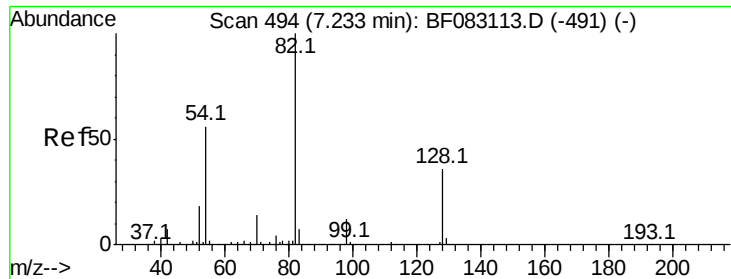
Tot Ion: 70 Resp: 198094
Ion Ratio Lower Upper
70 100
42 49.6 54.5 81.7#
101 0.0 6.6 9.8#
130 1.8 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Tgt Ion:136 Resp: 791480
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 5.8 8.6
68 5.3 3.8 5.8

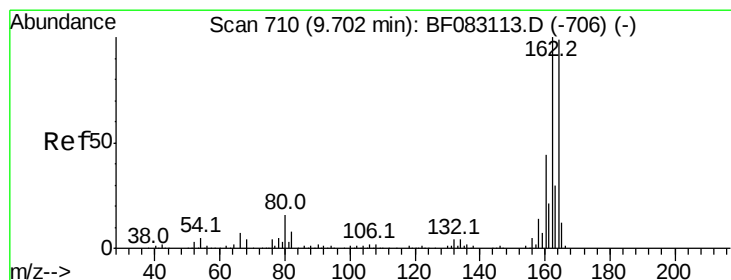
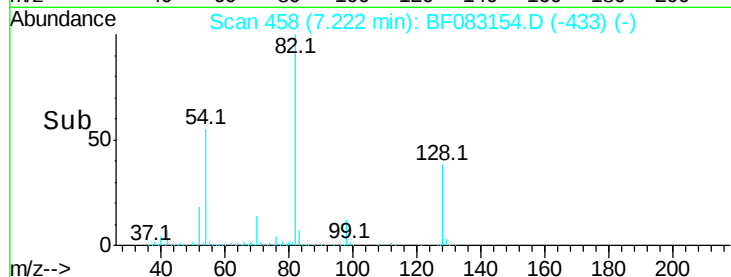
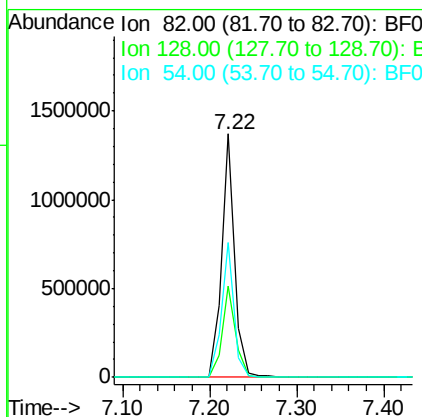
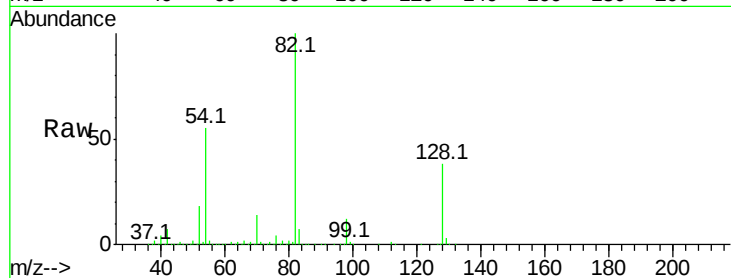




#23
Nitrobenzene-d5
Concen: 83.80 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

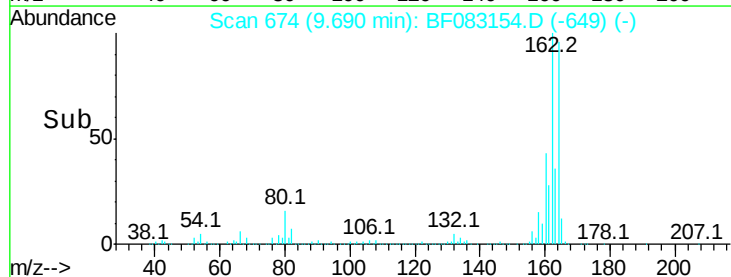
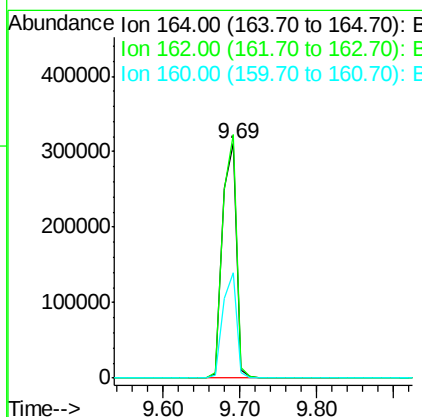
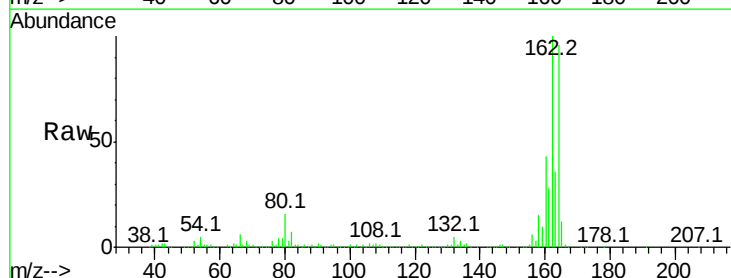
Instrument :
BNA_F
ClientSampleId :
MW-02

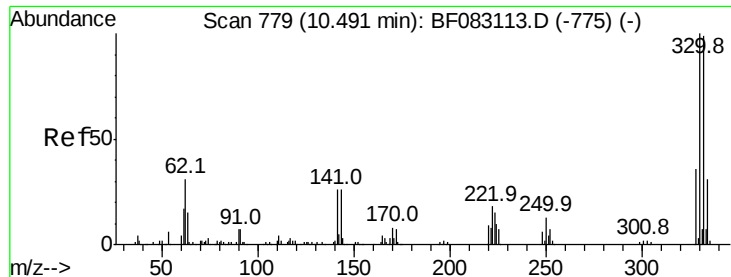
Tot Ion: 82 Resp: 1451568
Ion Ratio Lower Upper
82 100
128 37.5 28.5 42.7
54 55.2 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Tgt Ion:164 Resp: 403240
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 45.0 35.6 53.4

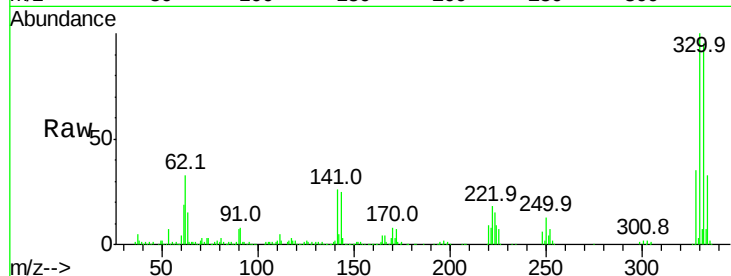




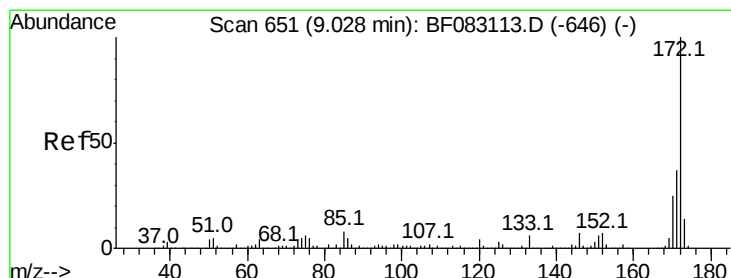
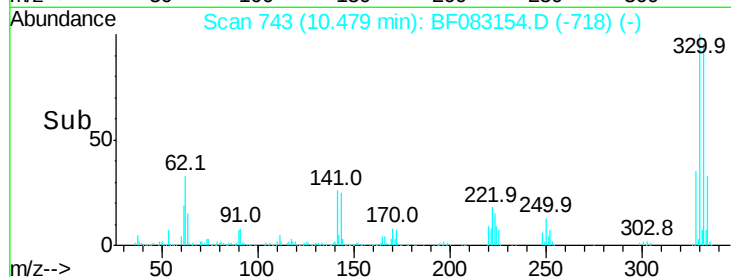
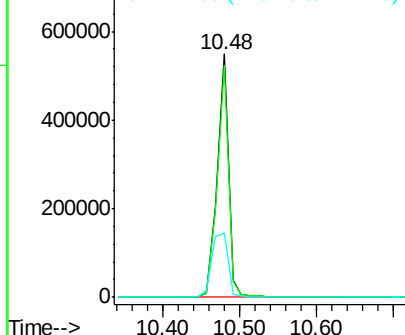
#41
 2,4,6-Tribromophenol
 Concen: 136.97 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:330 Resp: 565067
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.7 116.5
 141 38.0 29.7 44.5

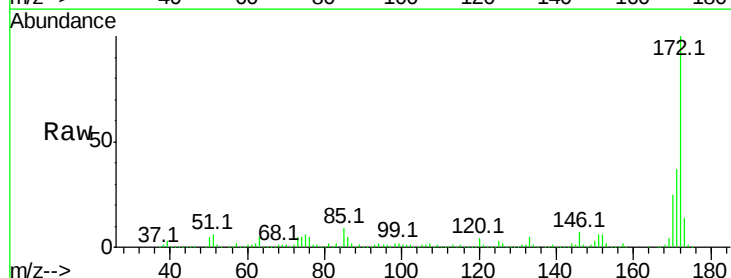


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

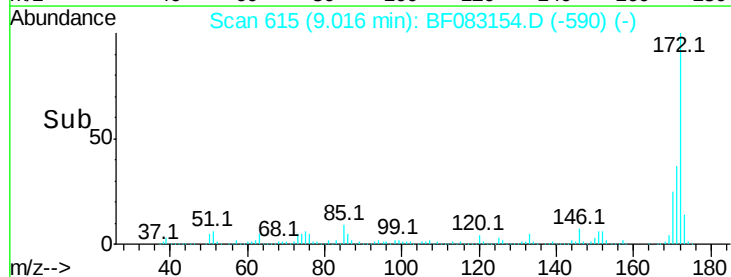
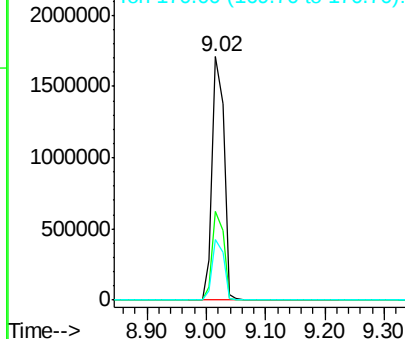


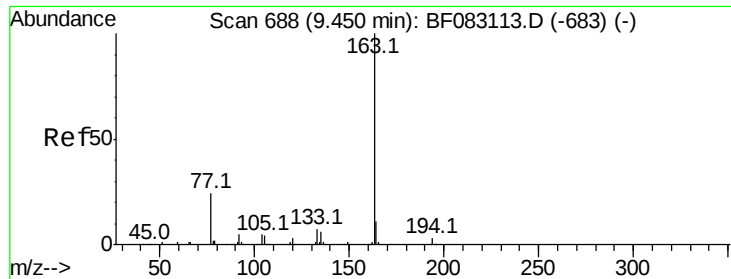
#44
 2-Fluorobiphenyl
 Concen: 81.82 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

Tgt Ion:172 Resp: 2366161
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.8 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





#49

Dimethylphthalate

Concen: 3.11 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampleId :

MW-02

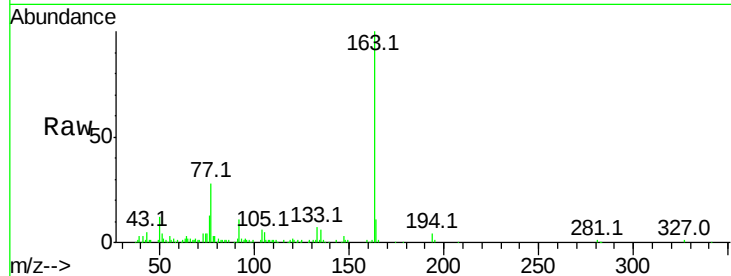
Tot Ion:163 Resp: 96506

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

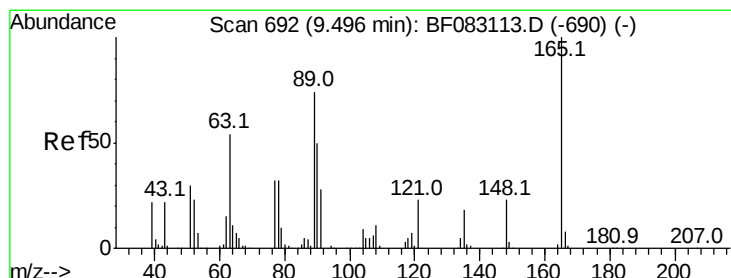
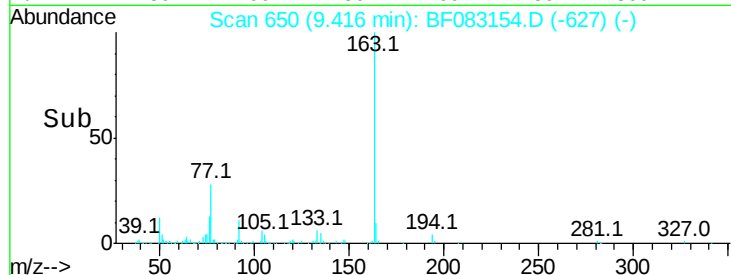
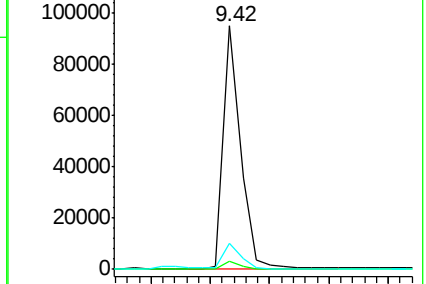
164 10.7 8.6 12.8



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: 7.44 ng

RT: 9.69 min Scan# 674

Delta R.T. 0.19 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

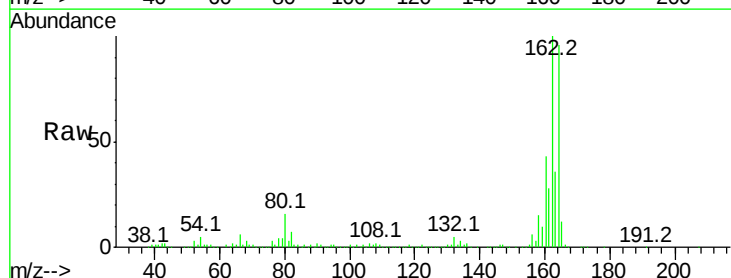
Tgt Ion:165 Resp: 51823

Ion Ratio Lower Upper

165 100

63 2.0 62.5 93.7#

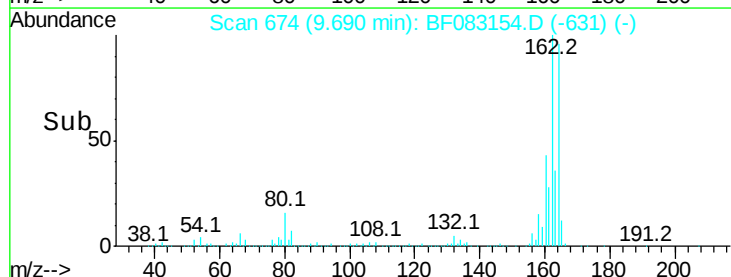
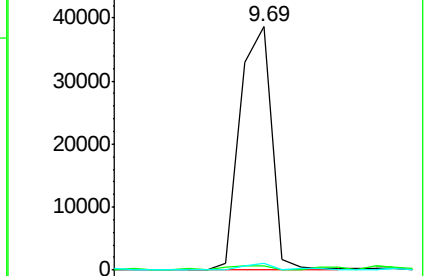
89 2.9 59.1 88.7#

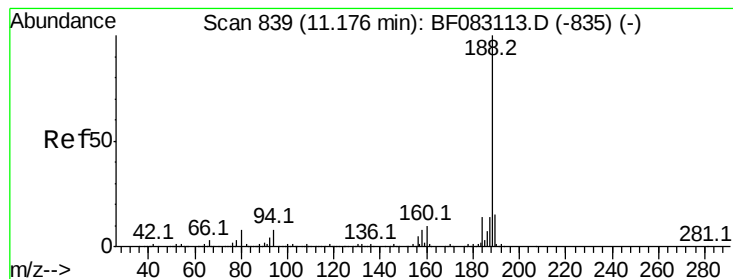


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampled :

MW-02

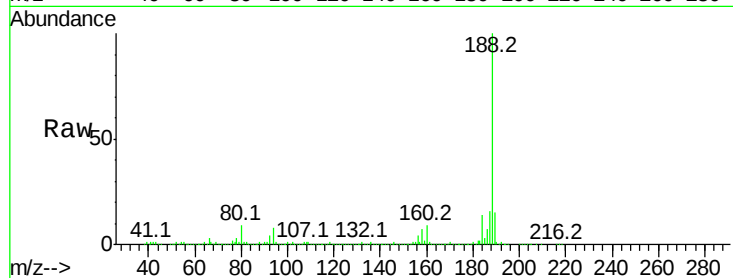
Tot Ion:188 Resp: 713417

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

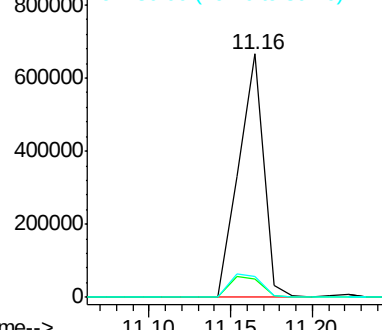
80 8.5 6.7 10.1



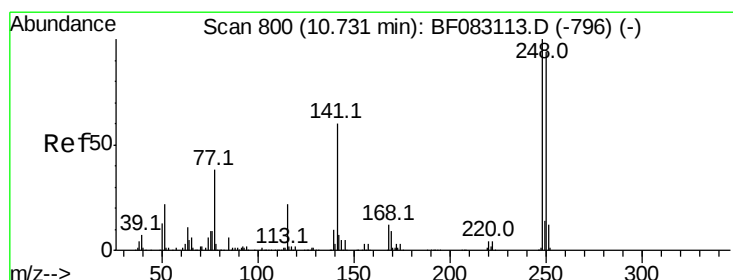
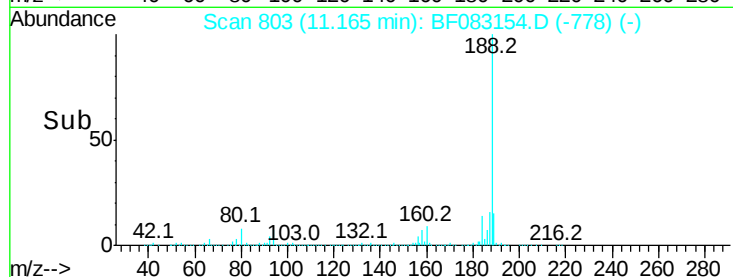
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.93 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

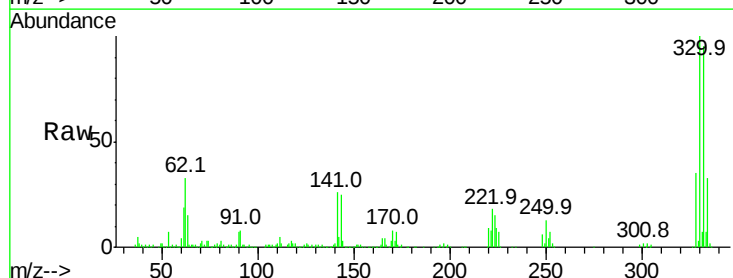
Tgt Ion:248 Resp: 39003

Ion Ratio Lower Upper

248 100

250 201.3 75.4 113.2#

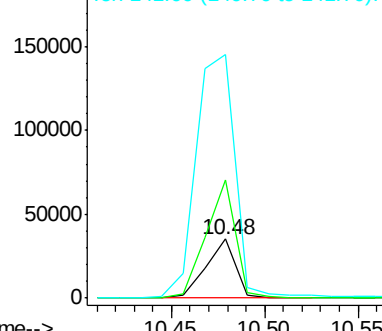
141 414.8 48.1 72.1#



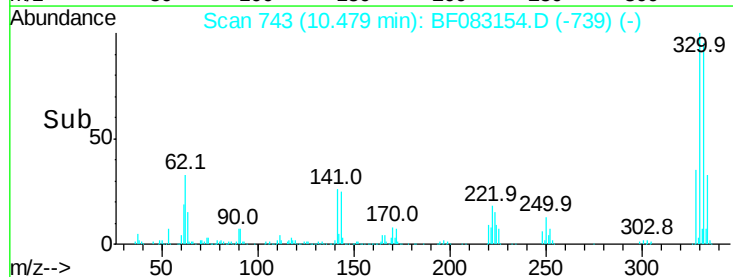
Abundance Ion 248.00 (247.70 to 248.70): E

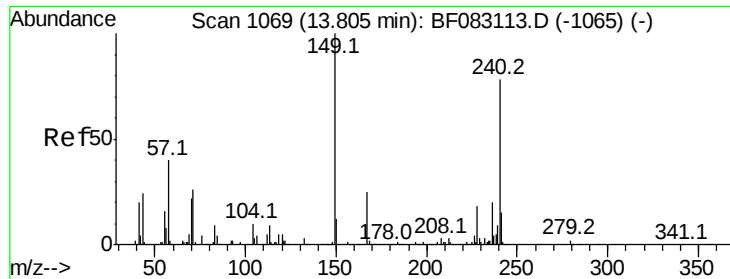
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampleId :

MW-02

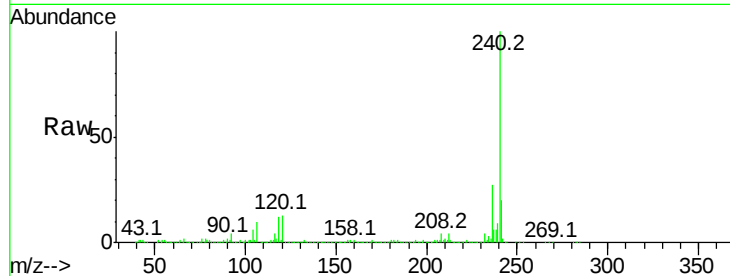
Tot Ion:240 Resp: 602855

Ion Ratio Lower Upper

240 100

120 13.1 5.4 8.2#

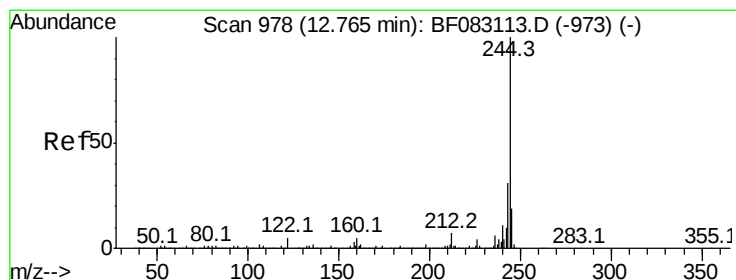
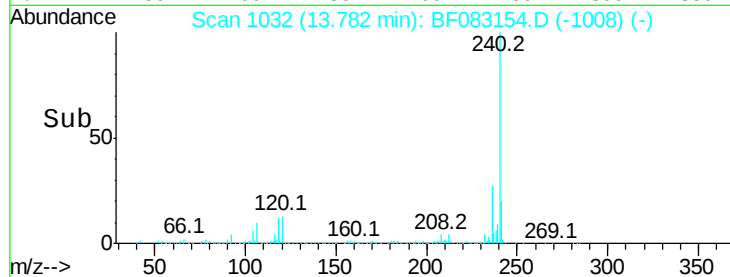
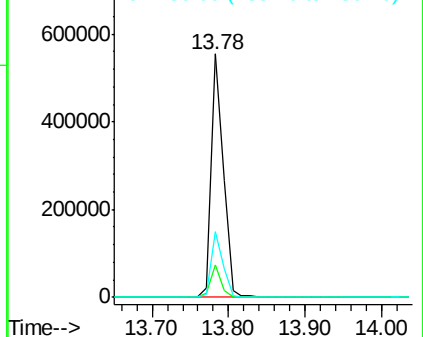
236 27.2 20.6 31.0



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: 82.21 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

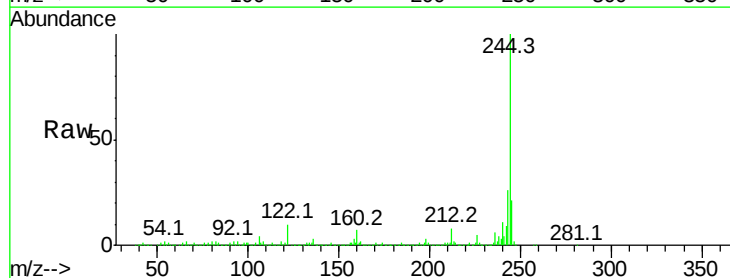
Tgt Ion:244 Resp: 2104628

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

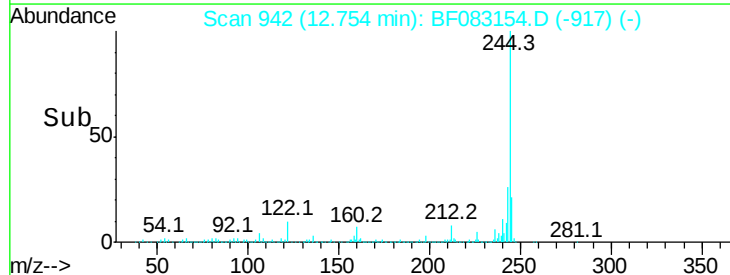
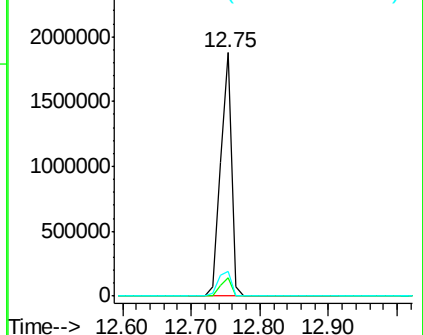
122 10.2 4.3 6.5#

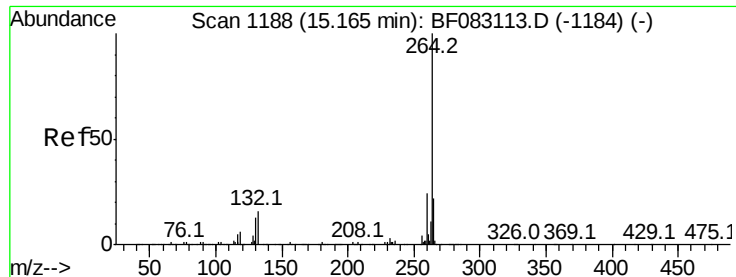


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

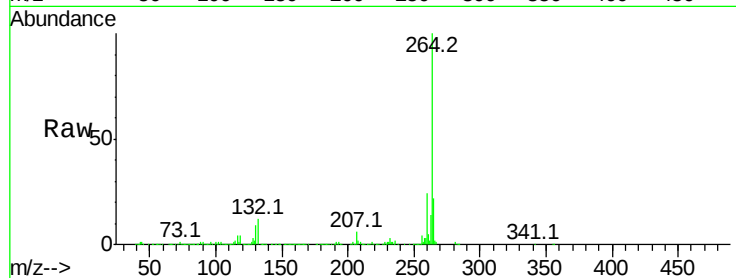




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.8	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

