

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084008.D
 Acq On : 23 Dec 2015 00:33
 Operator : UM/SJ
 Sample : G4894-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Dec 23 02:48:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

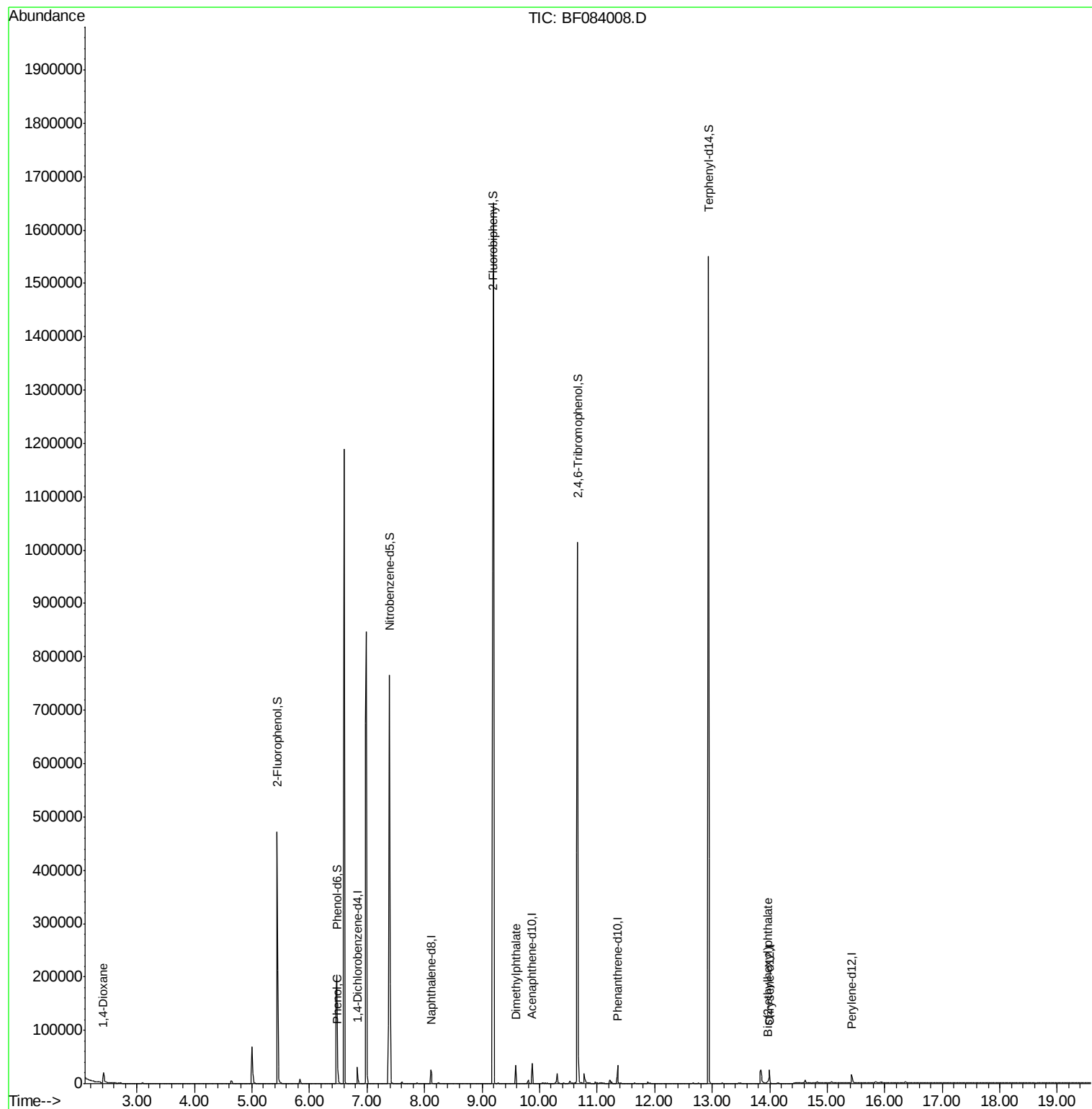
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	5619	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	18532	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	8510	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	15892	20.00	ng	0.00
75) Chrysene-d12	14.00	240	12548	20.00	ng	0.00
86) Perylene-d12	15.43	264	9270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	154584	469.07	ng	0.00
7) Phenol-d6	6.48	99	107152	276.54	ng	0.00
23) Nitrobenzene-d5	7.39	82	256522	850.35	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	131198	1602.82	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	635209	1004.56	ng	0.00
78) Terphenyl-d14	12.93	244	485800	923.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.42	88	11263	71.79	ng	# 93
10) Phenol	6.49	94	1494	3.33	ng	# 64
49) Dimethylphthalate	9.58	163	14418	21.65	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.97	149	2169	3.99	ng	# 95

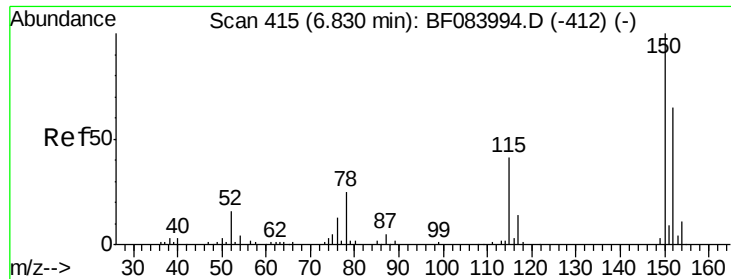
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4

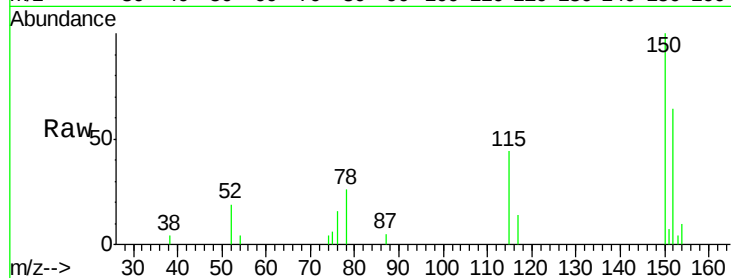
Tot Ion:152 Resp: 5619

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

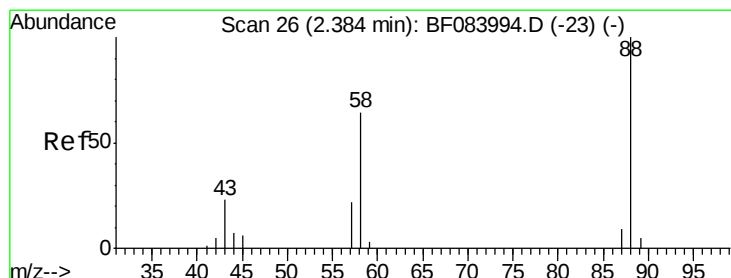
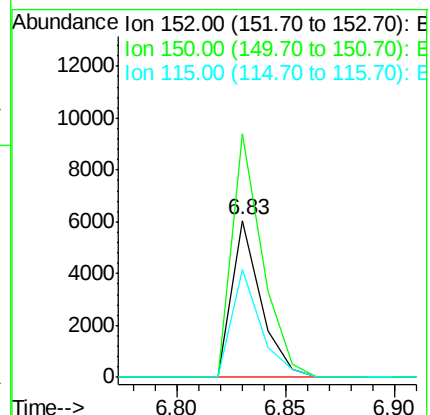
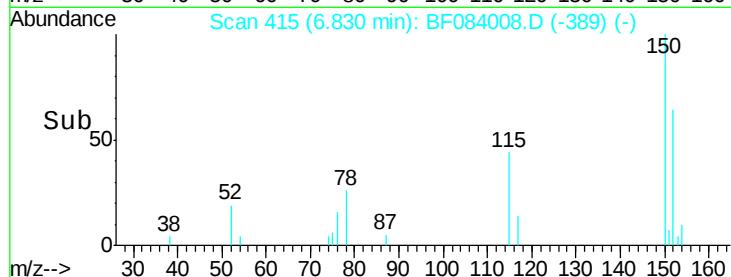
115 68.6 51.4 77.2



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



#2

1,4-Dioxane

Concen: 71.79 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

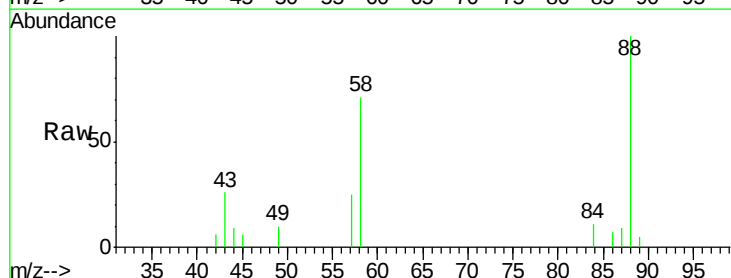
Tgt Ion: 88 Resp: 11263

Ion Ratio Lower Upper

88 100

58 66.6 51.2 76.8

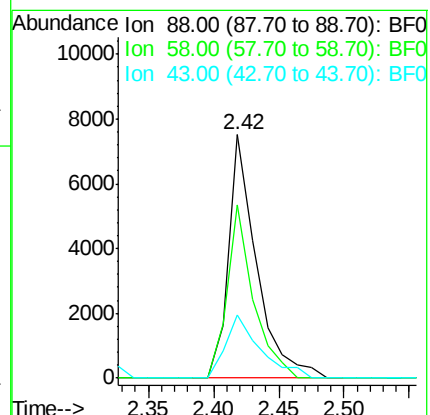
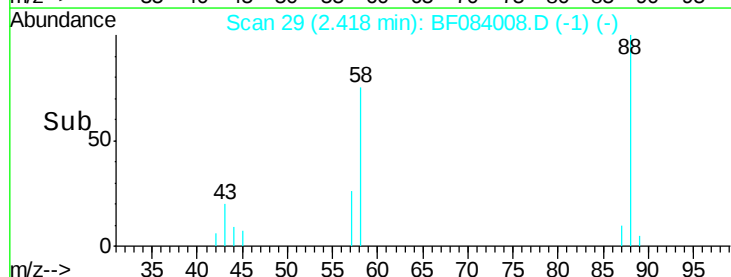
43 32.2 19.5 29.3#

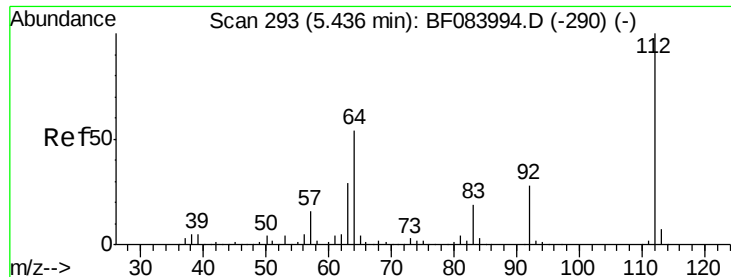


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 469.07 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4

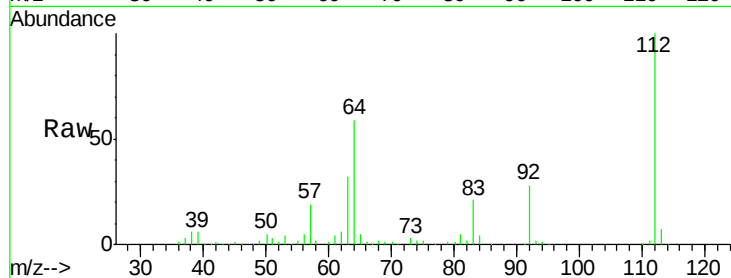
Tot Ion:112 Resp: 154584

Ion Ratio Lower Upper

112 100

64 58.6 36.6 55.0#

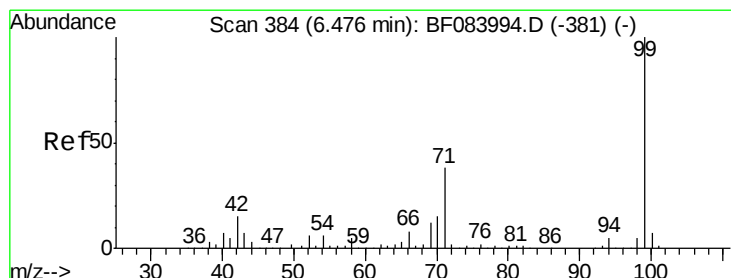
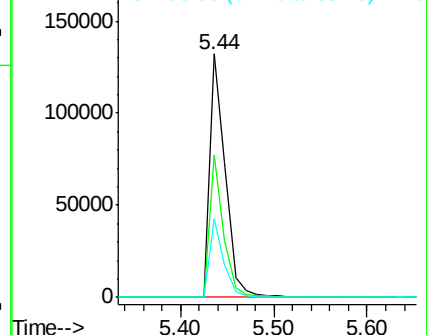
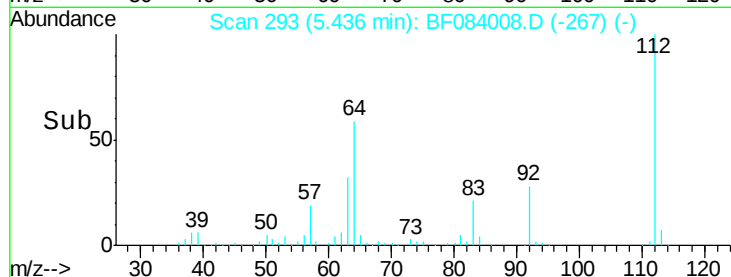
63 32.2 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 276.54 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

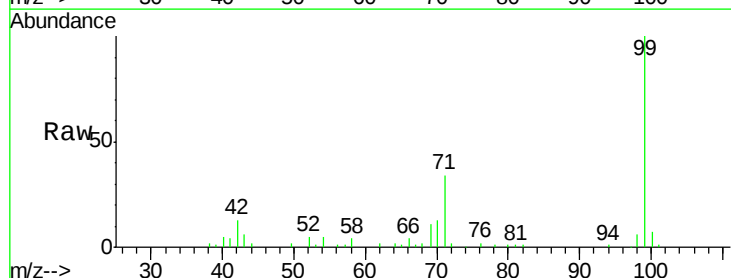
Tgt Ion: 99 Resp: 107152

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

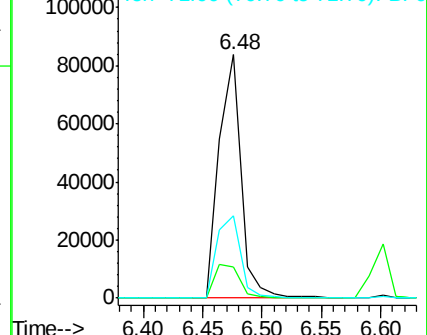
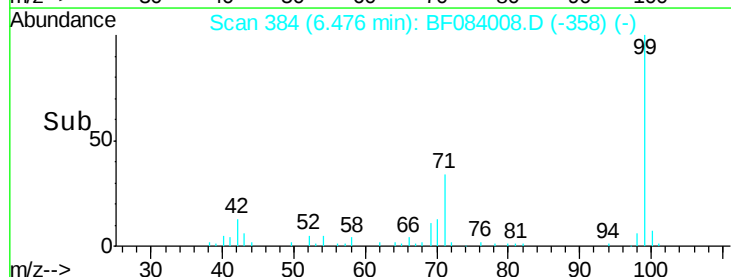
71 33.7 30.9 46.3

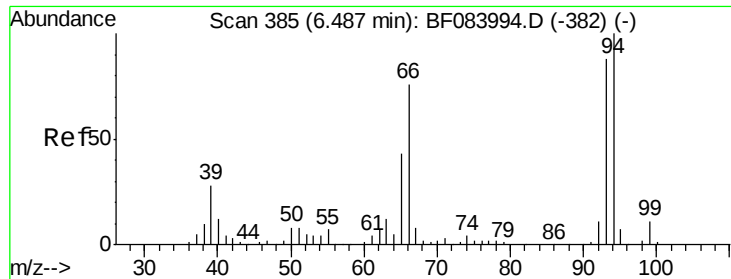


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Instrument :

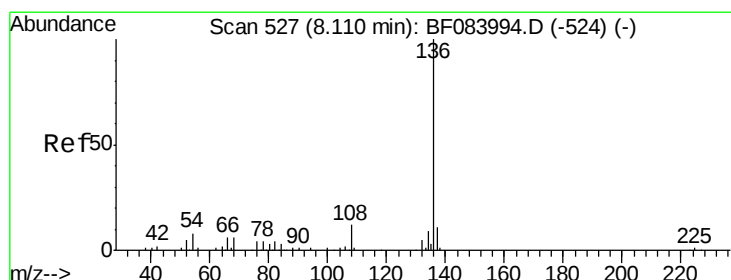
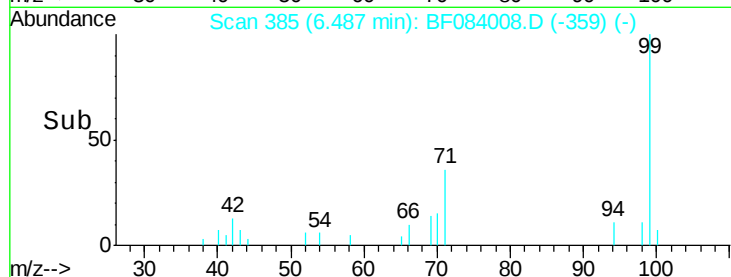
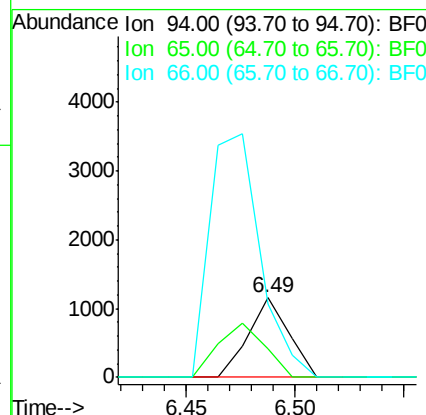
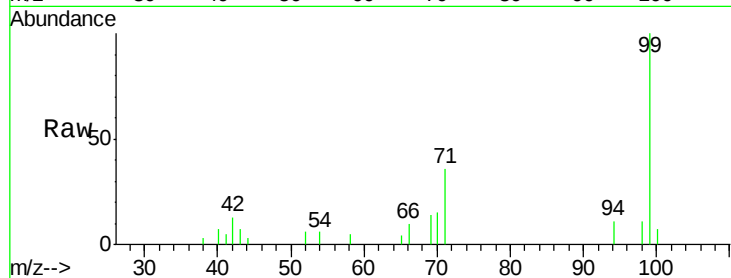
BNA_F

ClientSampleId :

MW-4

Tot Ion: 94 Resp: 1494

Ion	Ratio	Lower	Upper
94	100		
65	36.2	12.9	52.9
66	91.9	32.7	72.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

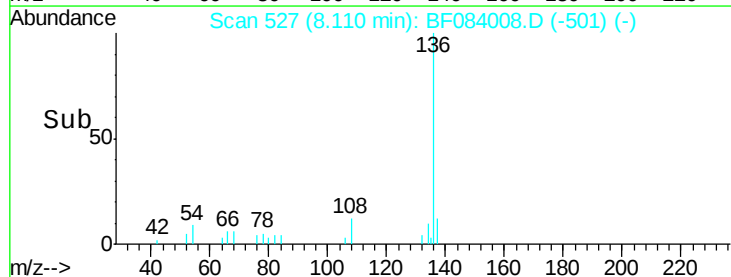
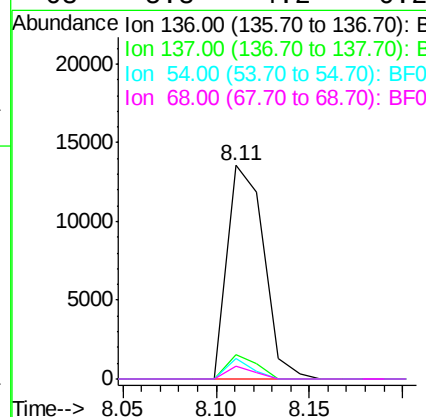
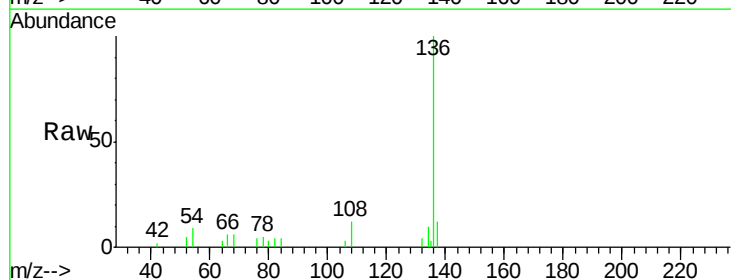
Delta R.T. -0.00 min

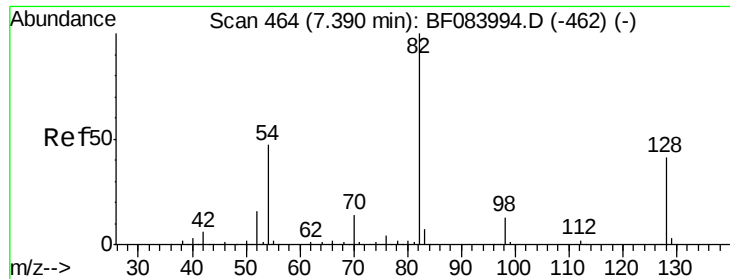
Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Tgt Ion: 136 Resp: 18532

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.4	5.8	8.8#
68	5.8	4.2	6.2

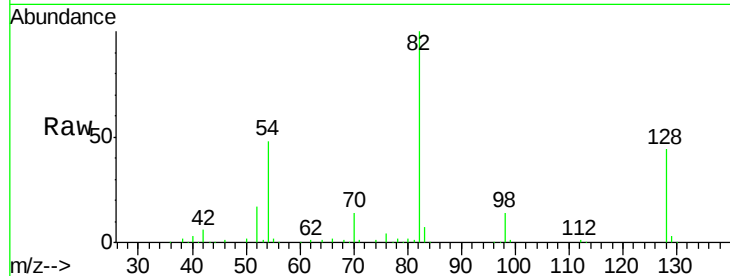




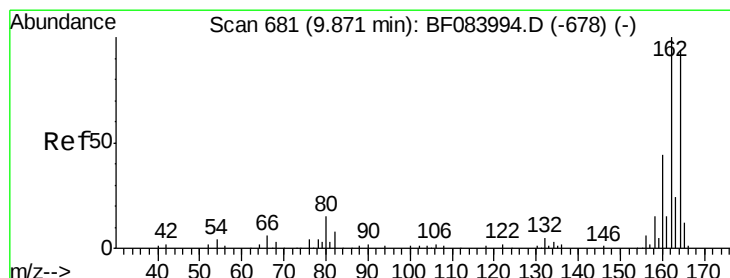
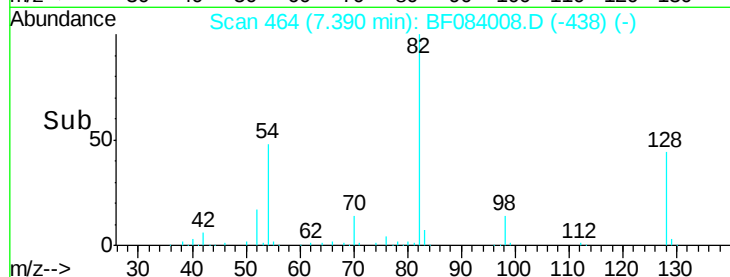
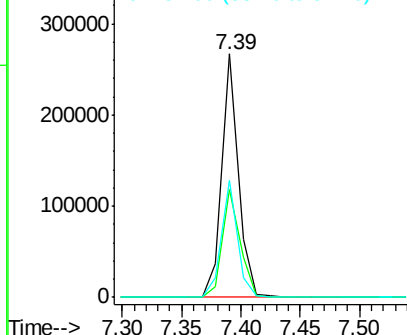
#23
 Nitrobenzene-d5
 Concen: 850.35 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion: 82 Resp: 256522
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 51.8
 54 48.0 38.4 57.6

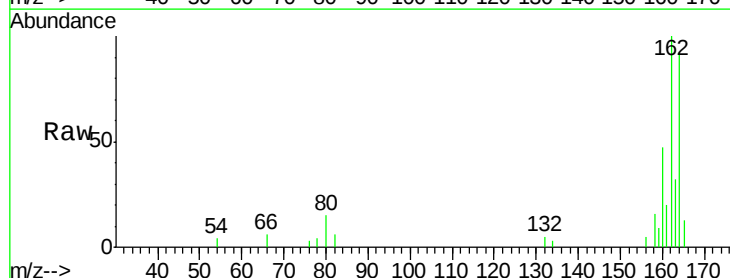


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

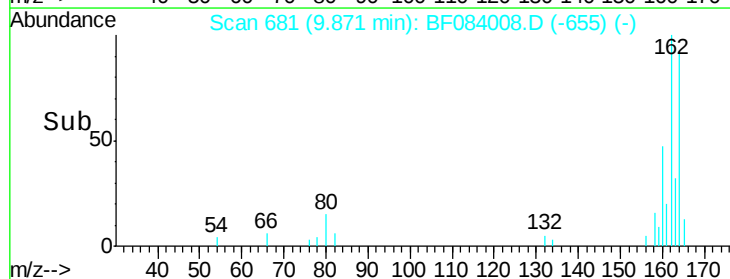
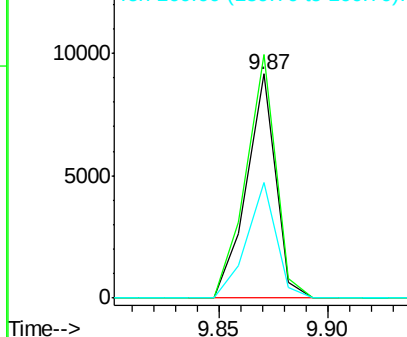


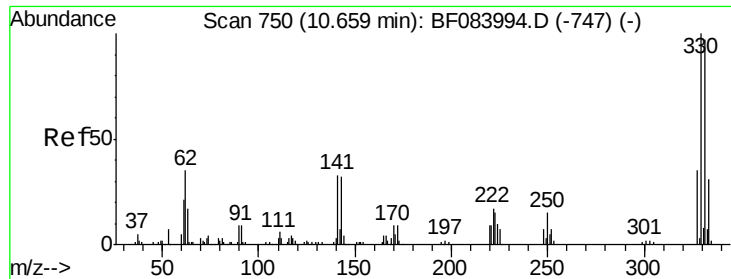
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Tgt Ion:164 Resp: 8510
 Ion Ratio Lower Upper
 164 100
 162 108.7 85.1 127.7
 160 51.4 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

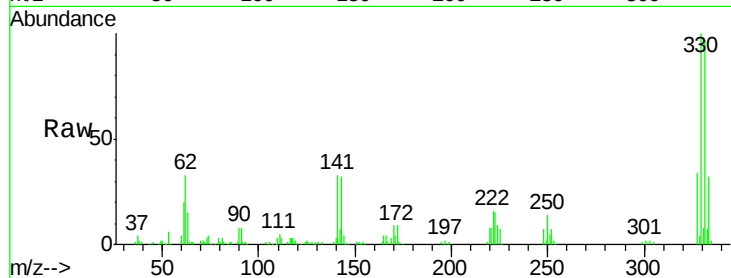




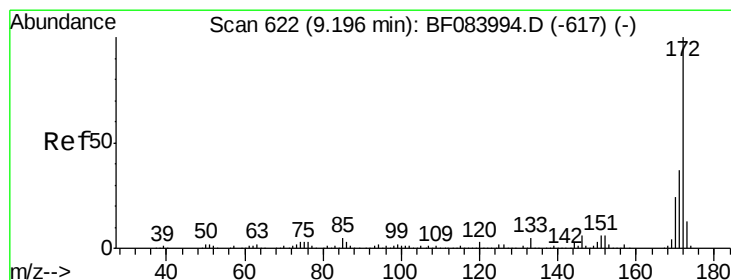
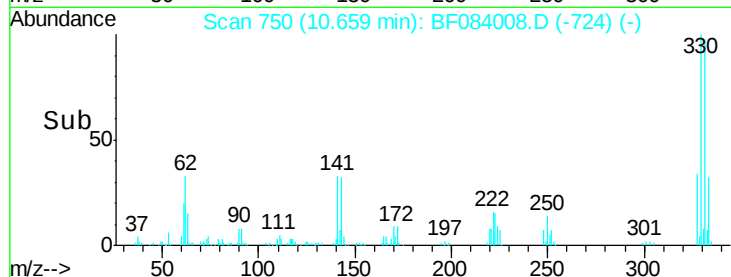
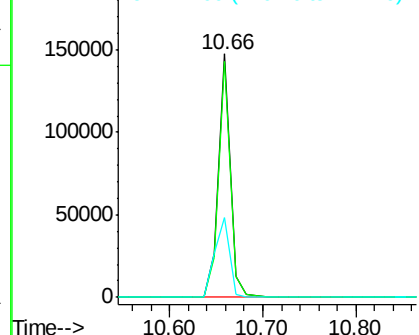
#41
 2,4,6-Tribromophenol
 Concen: 1602.82 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	40.9	27.8	41.6

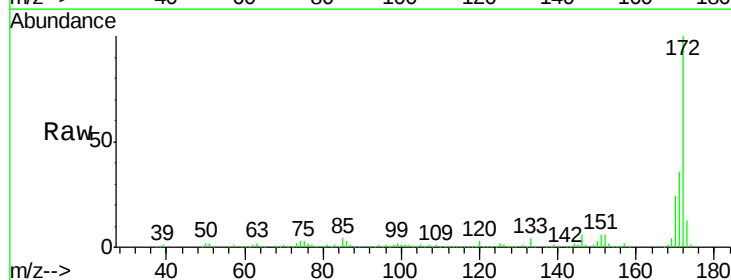


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

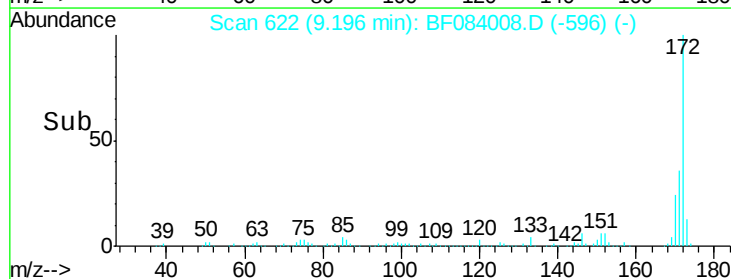
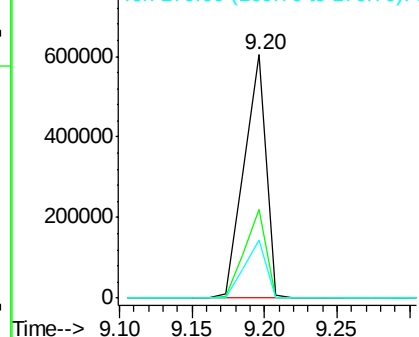


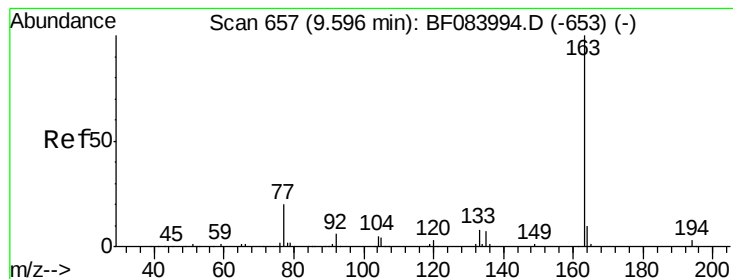
#44
 2-Fluorobiphenyl
 Concen: 1004.56 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	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





#49

Dimethylphthalate

Concen: 21.65 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4

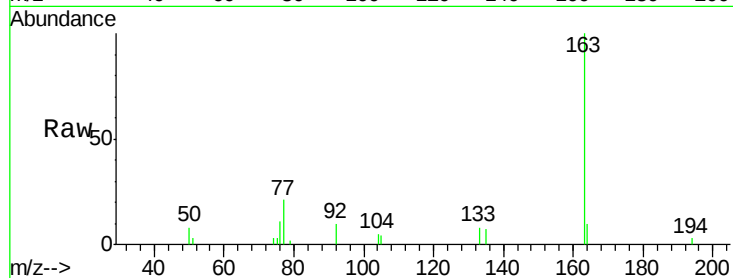
Tot Ion:163 Resp: 14418

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

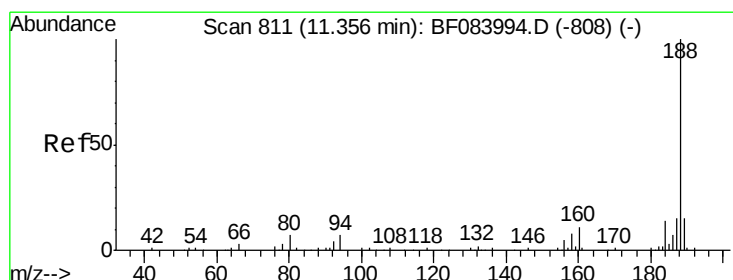
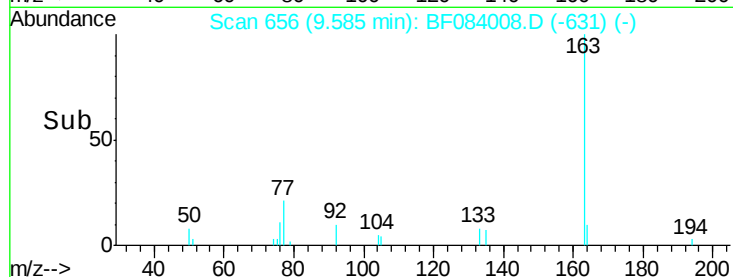
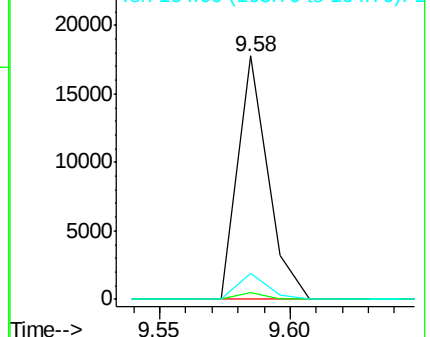
164 10.5 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

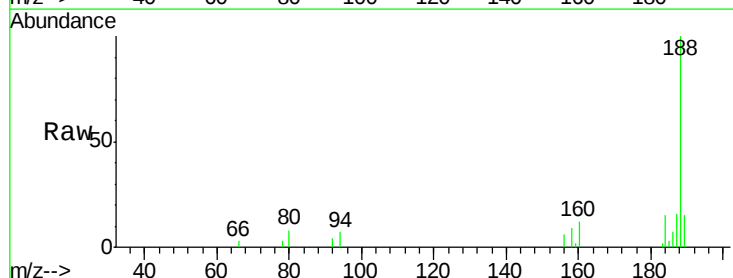
Tgt Ion:188 Resp: 15892

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.4#

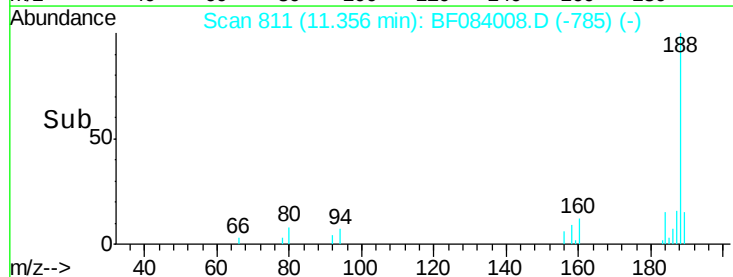
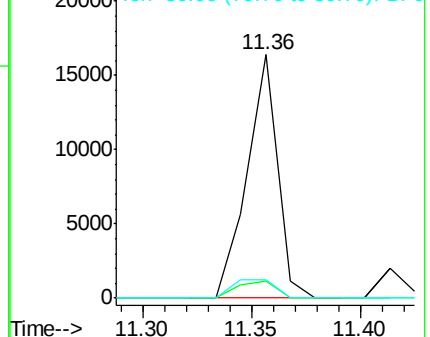
80 7.7 9.6 14.4#

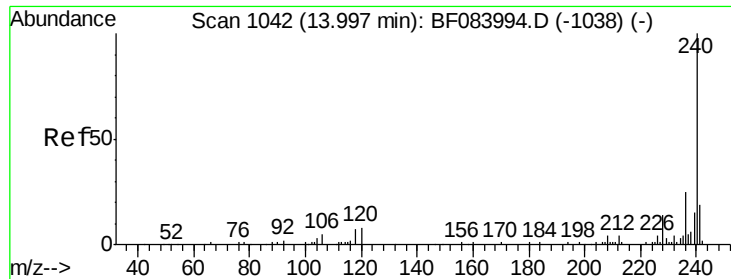


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

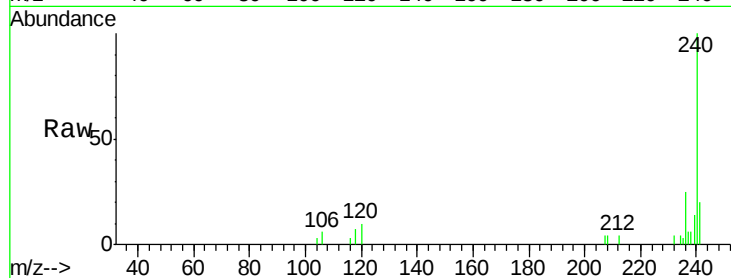




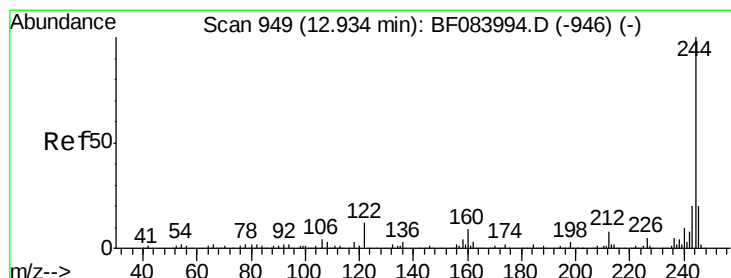
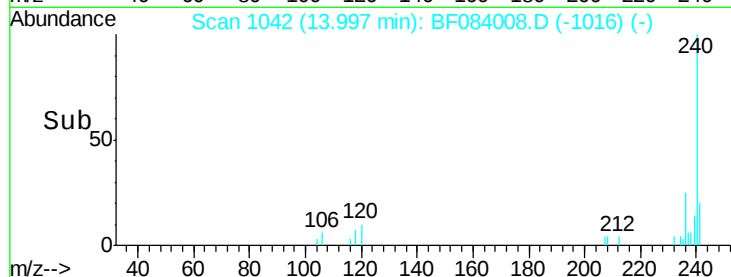
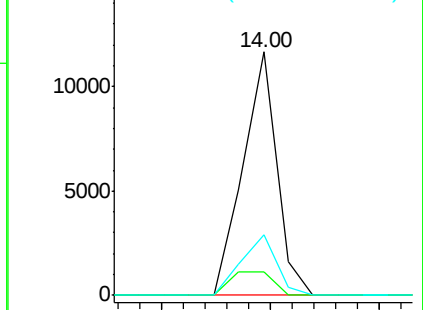
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.0	20.6	31.0

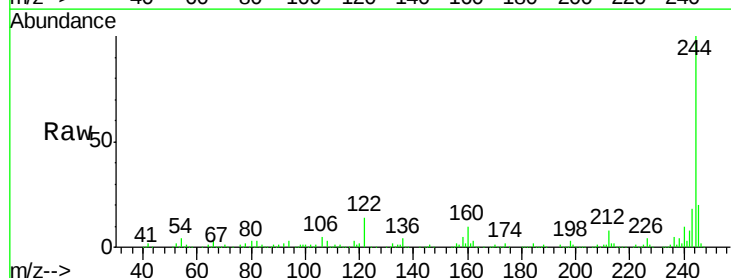


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

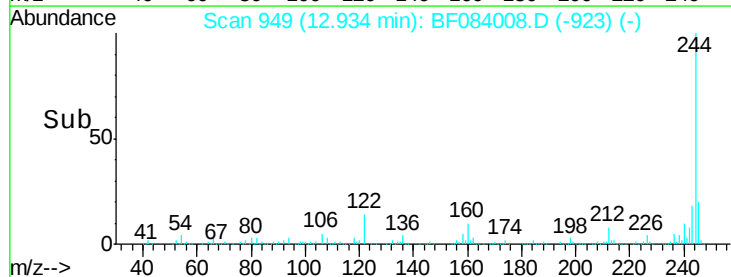
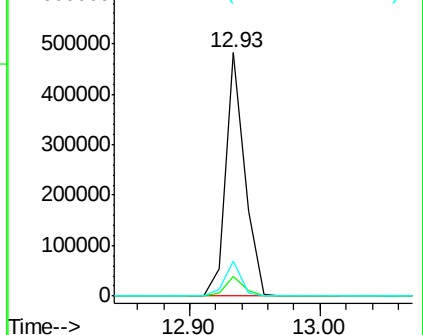


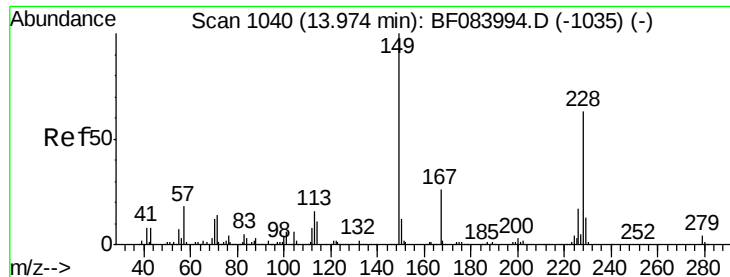
#78
 Terphenyl-d14
 Concen: 923.28 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084008.D
 Acq: 23 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.3	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





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.99 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

MW-4

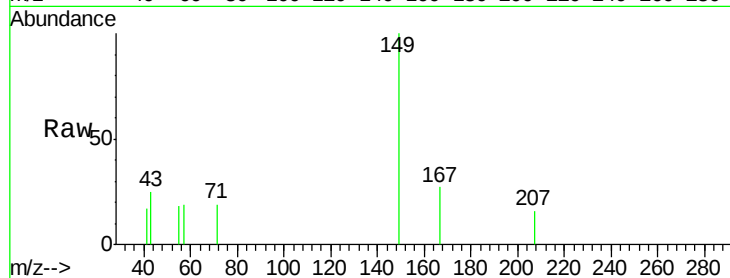
Tot Ion:149 Resp: 2169

Ion Ratio Lower Upper

149 100

167 27.2 19.7 29.5

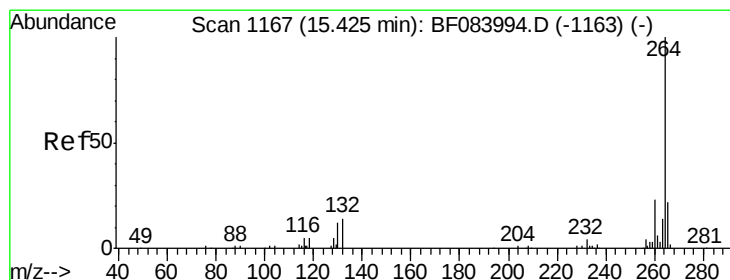
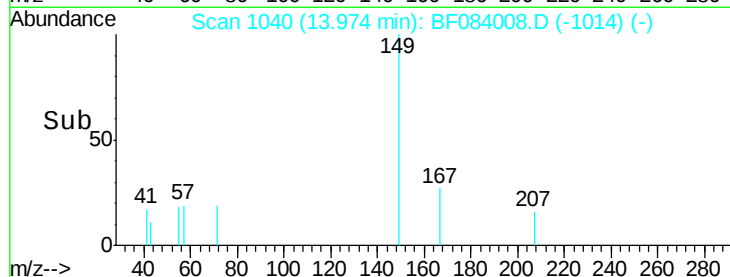
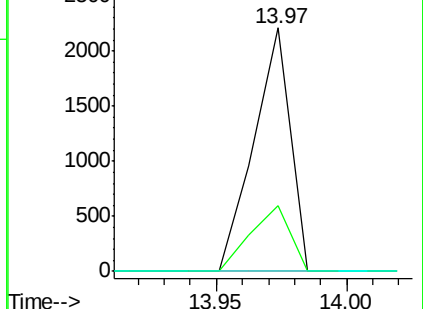
279 0.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084008.D

Acq: 23 Dec 2015 00:33

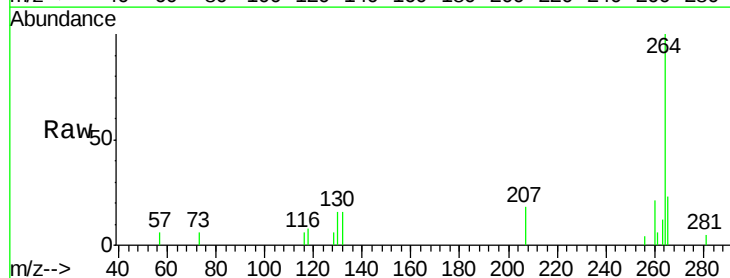
Tgt Ion:264 Resp: 9270

Ion Ratio Lower Upper

264 100

260 21.4 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

