

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084005.D
 Acq On : 22 Dec 2015 23:08
 Operator : UM/SJ
 Sample : G4894-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 23 02:39:26 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

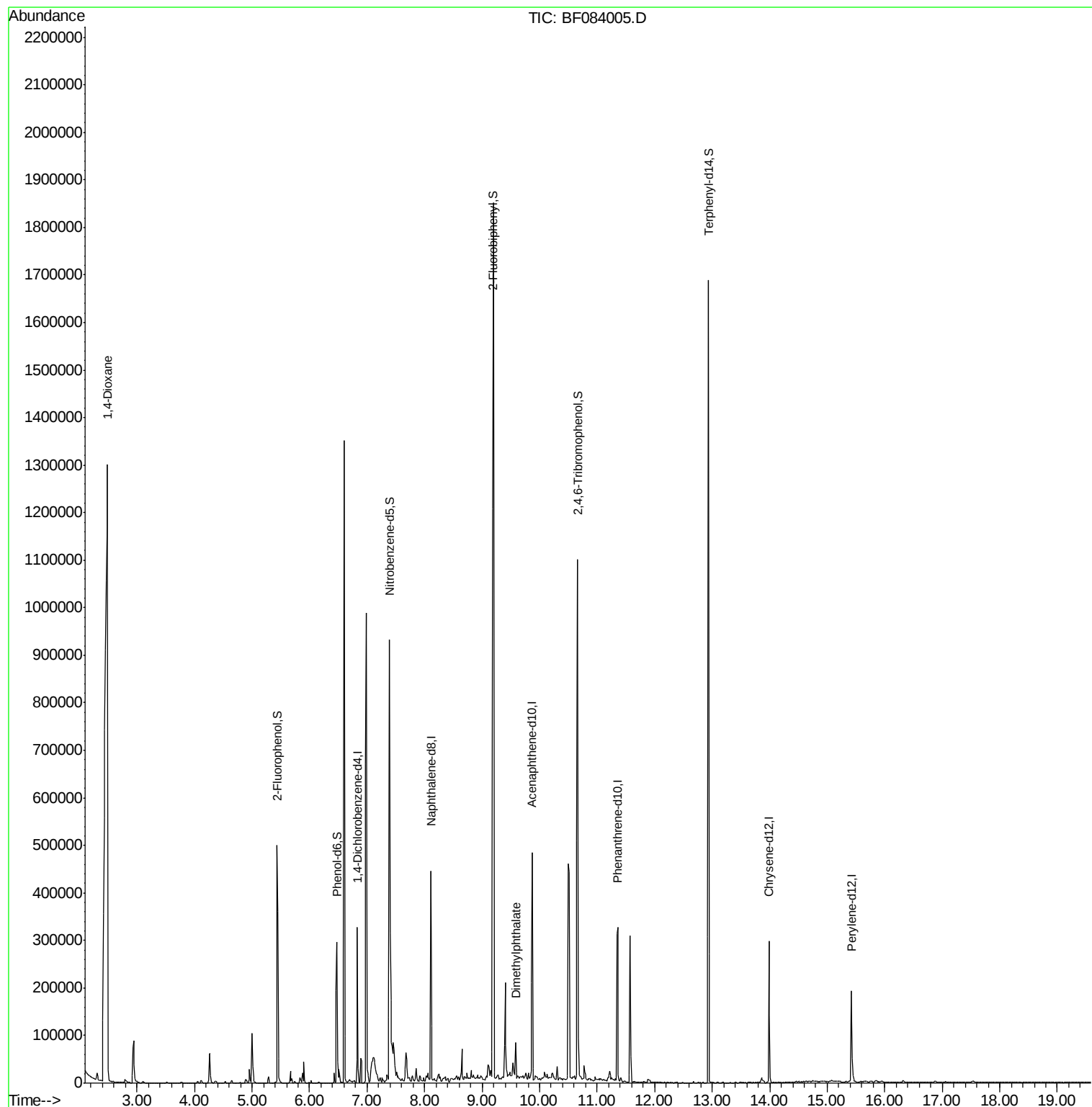
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	48968	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	194628	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	100184	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	175040	20.00	ng	0.00
75) Chrysene-d12	13.99	240	117927	20.00	ng	-0.01
86) Perylene-d12	15.43	264	113285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	190633	66.38	ng	0.00
7) Phenol-d6	6.48	99	143802	42.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	275966	87.11	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	153704	159.51	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	734267	98.64	ng	0.00
78) Terphenyl-d14	12.93	244	500214	101.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.49	88	1693403	1238.52	ng	99
49) Dimethylphthalate	9.58	163	25926	3.31	ng	# 88

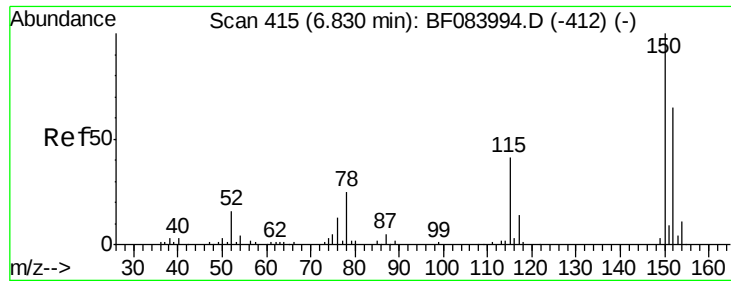
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

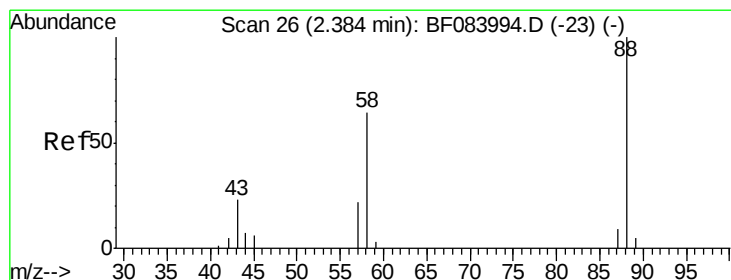
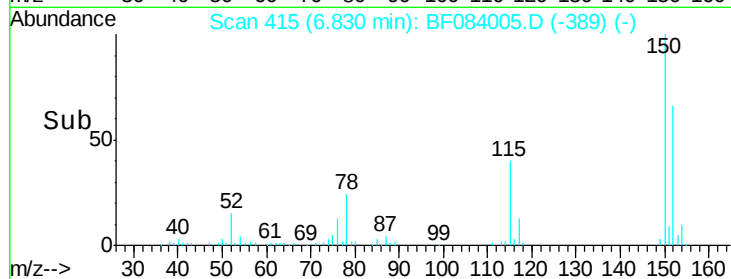
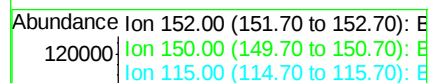
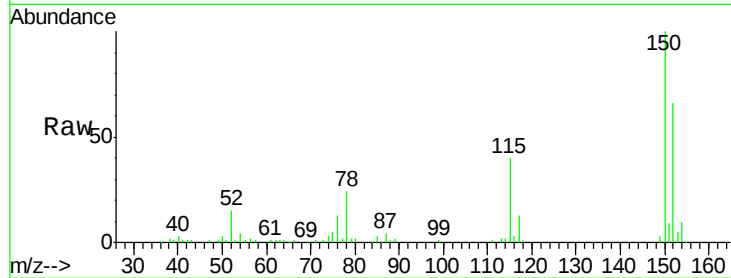
Tot Ion:152 Resp: 48968

Ion Ratio Lower Upper

152 100

150 152.3 123.0 184.4

115 60.6 51.4 77.2



#2

1,4-Dioxane

Concen: 1238.52 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.10 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

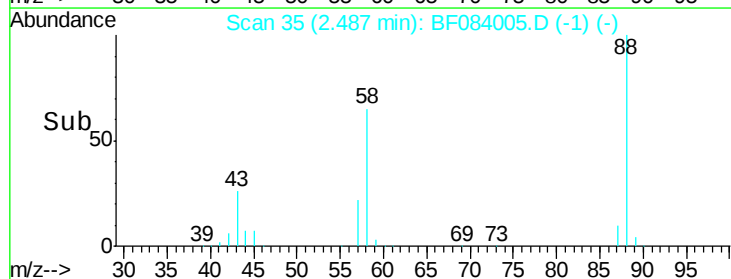
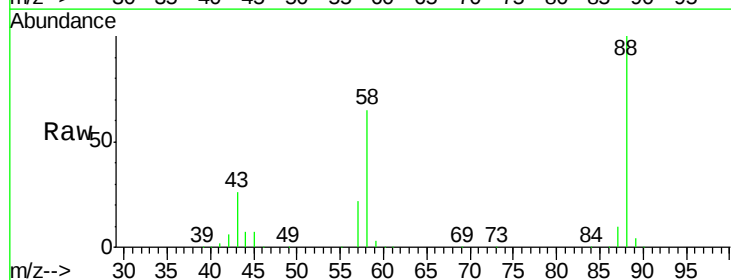
Tgt Ion: 88 Resp: 1693403

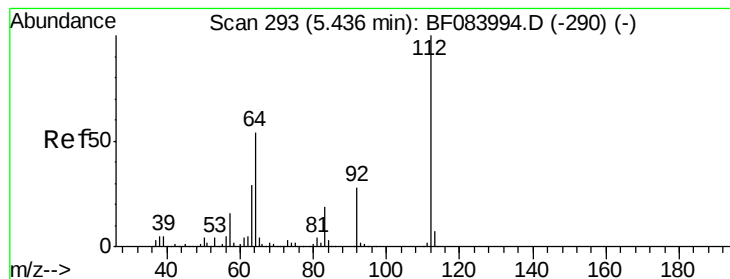
Ion Ratio Lower Upper

88 100

58 64.4 51.2 76.8

43 25.3 19.5 29.3





#5

2-Fluorophenol

Concen: 66.38 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

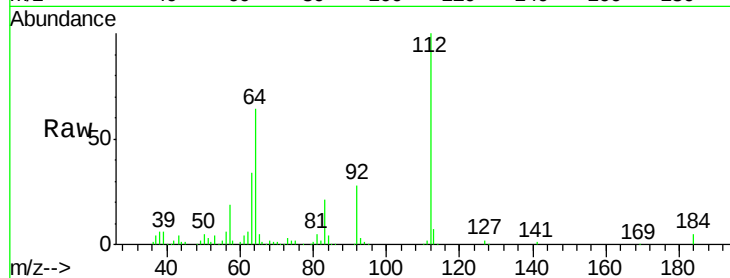
Tot Ion:112 Resp: 190633

Ion Ratio Lower Upper

112 100

64 63.5 36.6 55.0#

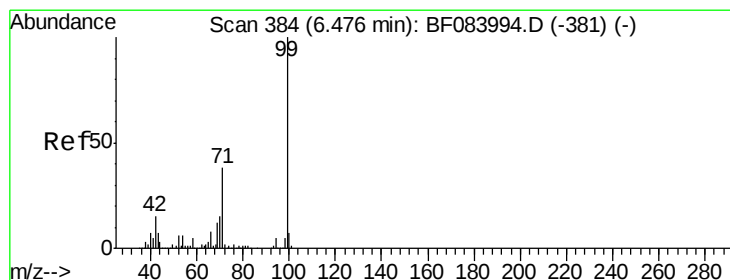
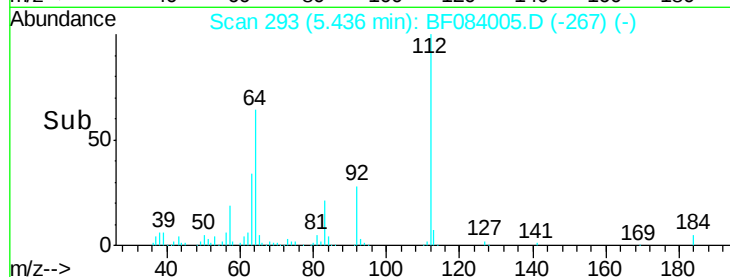
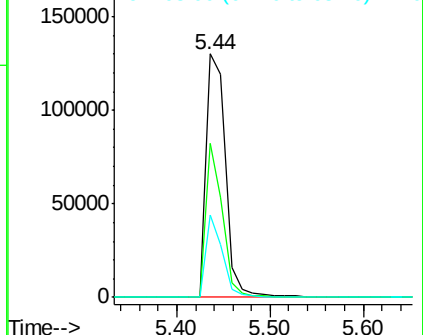
63 34.0 19.4 29.0#



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: 42.59 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

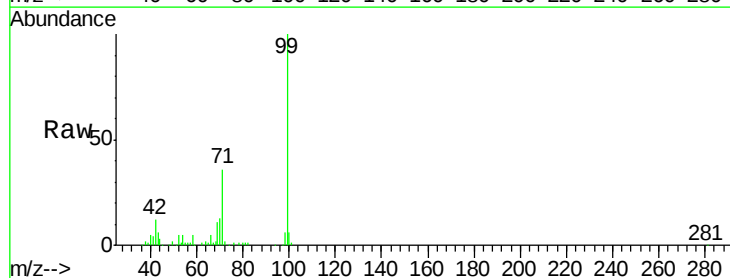
Tgt Ion: 99 Resp: 143802

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

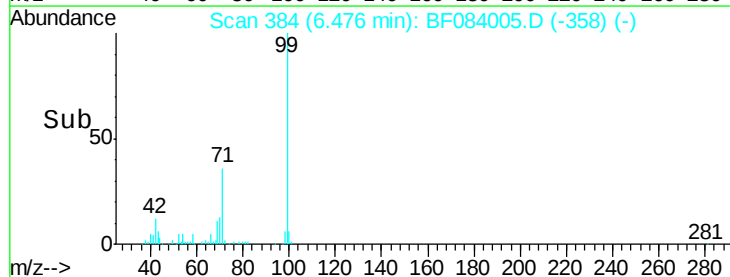
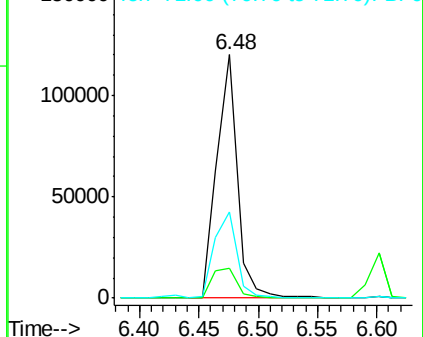
71 35.6 30.9 46.3

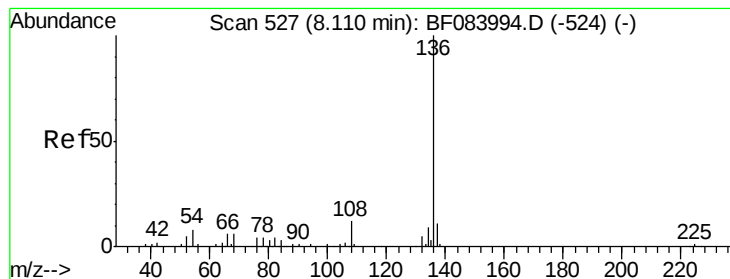


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

Tot Ion:136 Resp: 194628

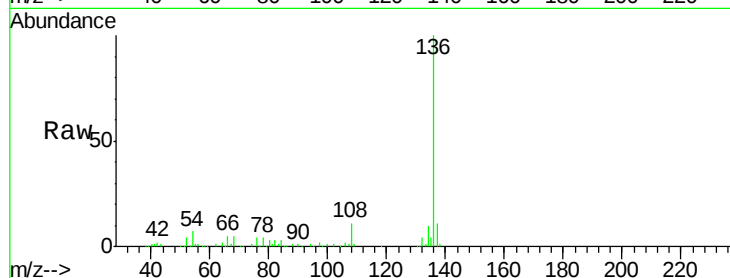
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.5 5.8 8.8

68 5.2 4.2 6.2

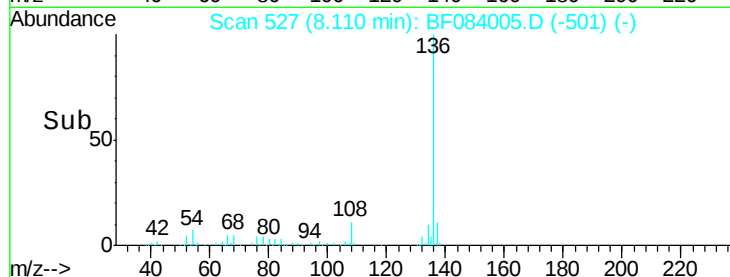


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

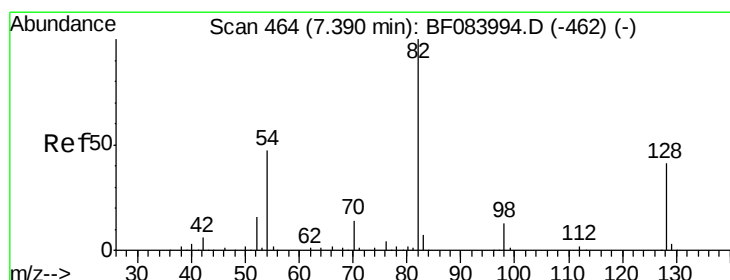
8.11

200000

100000

0

Time-->



#23

Nitrobenzene-d5

Concen: 87.11 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

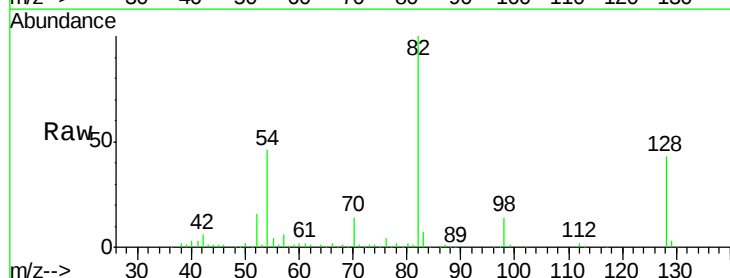
Tgt Ion: 82 Resp: 275966

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

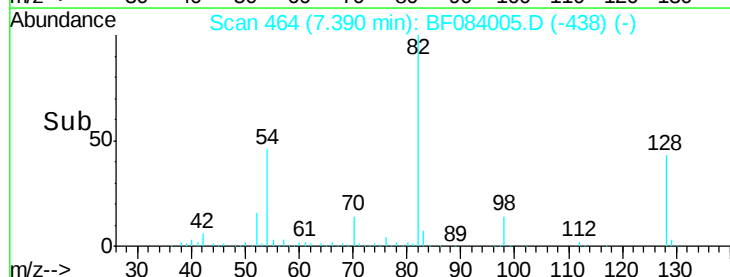
54 46.3 38.4 57.6



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



Abundance

7.39

400000

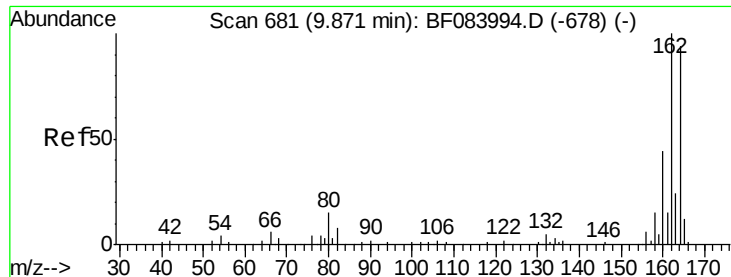
300000

200000

100000

0

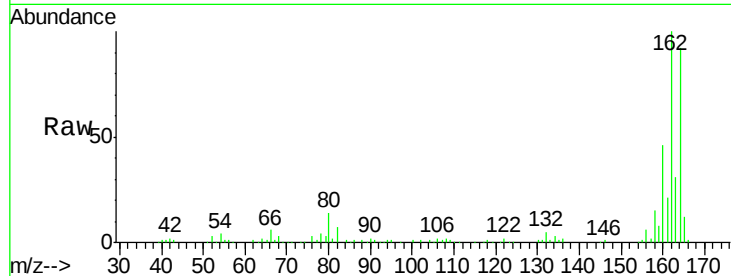
Time-->



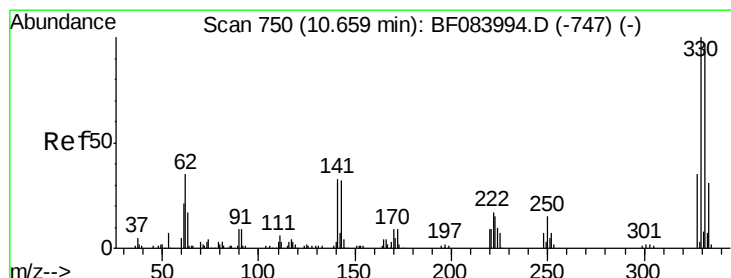
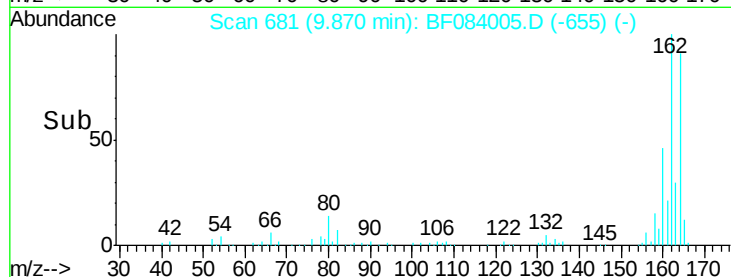
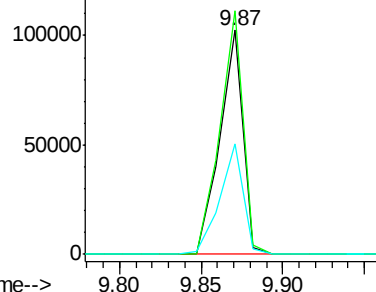
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion:164 Resp: 100184
Ion Ratio Lower Upper
164 100
162 108.8 85.1 127.7
160 49.5 37.5 56.3

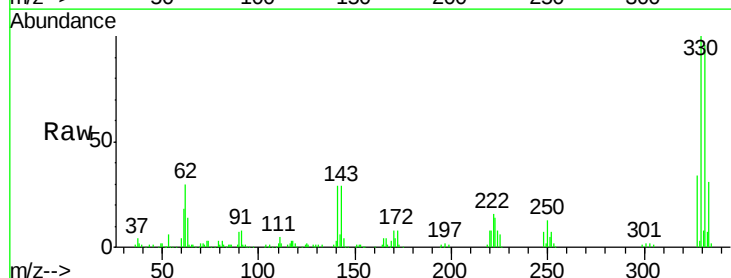


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

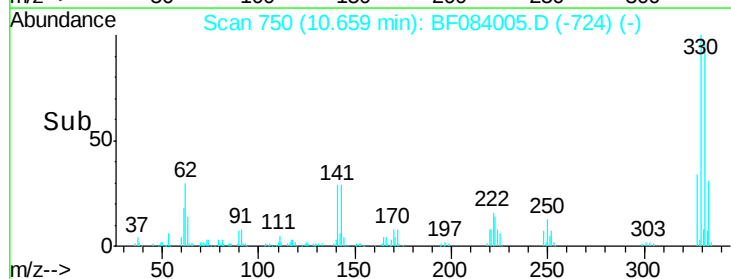
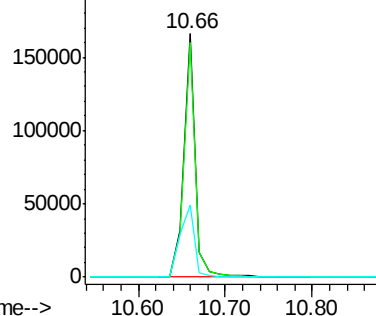


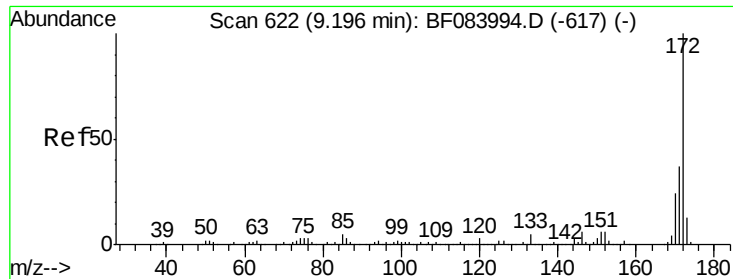
#41
2,4,6-Tribromophenol
Concen: 159.51 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:330 Resp: 153704
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 37.7 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

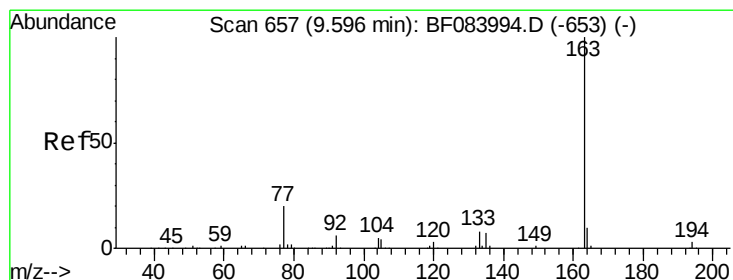
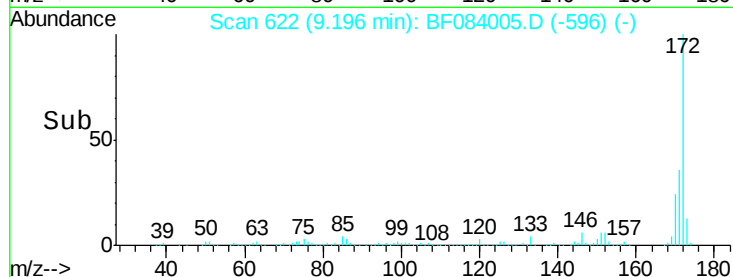
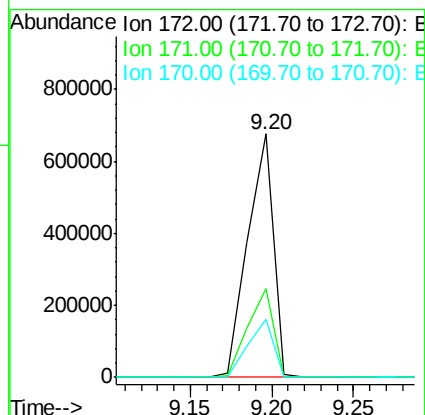
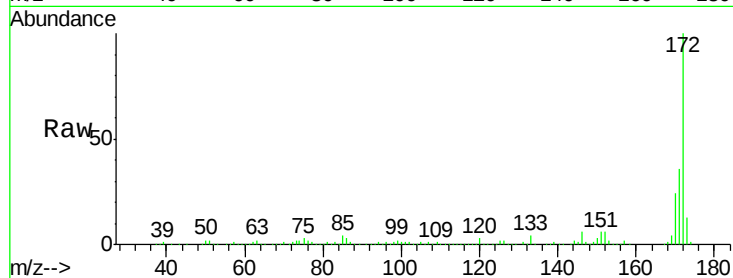




#44
2-Fluorobiphenyl
Concen: 98.64 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

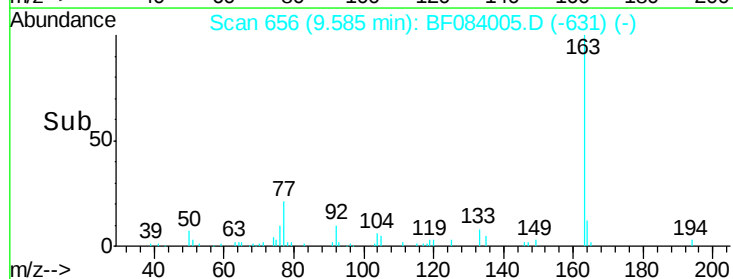
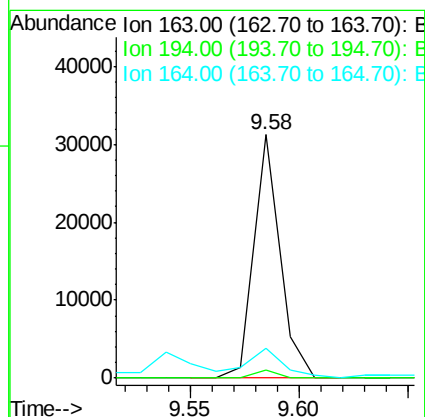
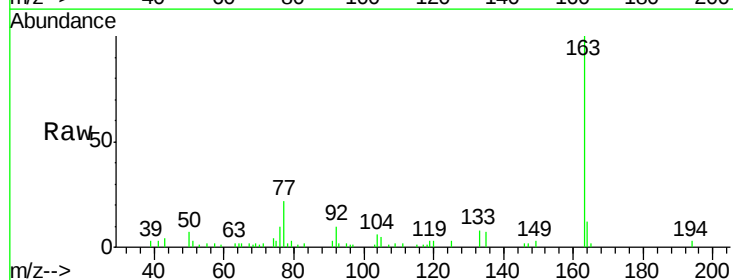
Instrument :
BNA_F
ClientSampleId :
MW-1

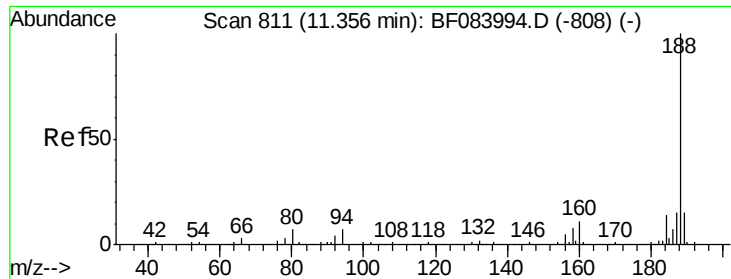
Tot Ion:172 Resp: 734267
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.0 18.6 27.8



#49
Dimethylphthalate
Concen: 3.31 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:163 Resp: 25926
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 12.2 8.0 12.0#

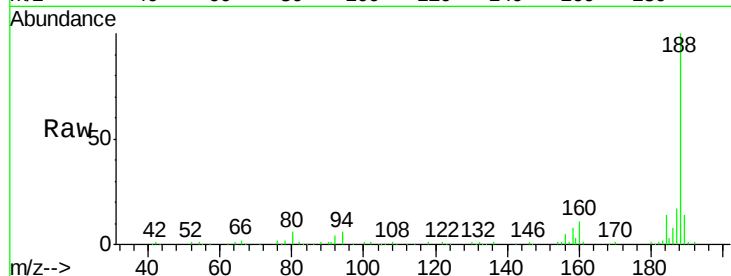




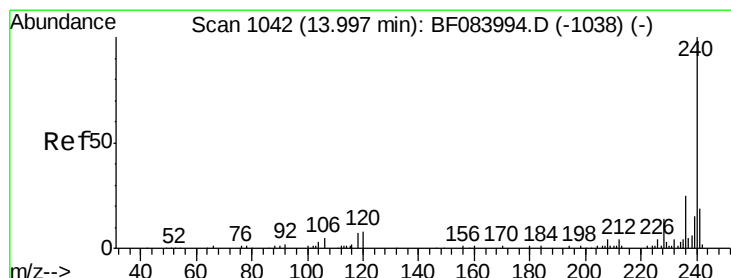
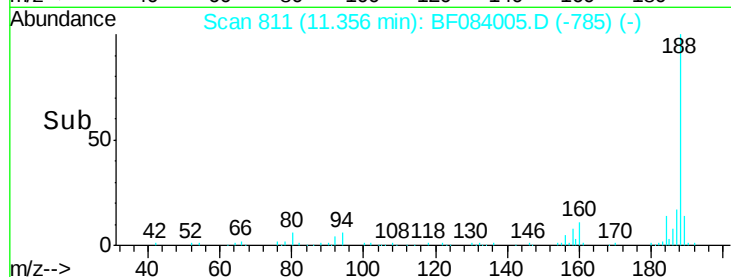
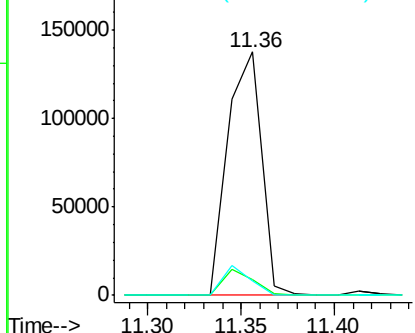
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:188 Resp: 175040
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.4#
80 6.2 9.6 14.4#

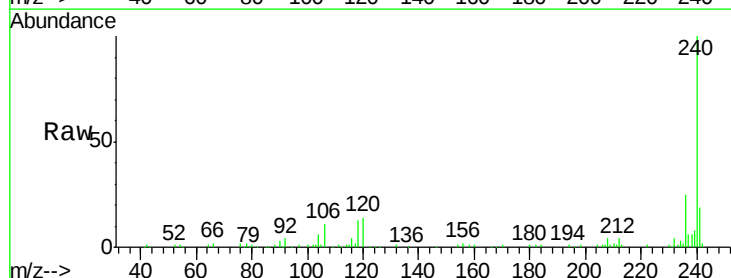


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

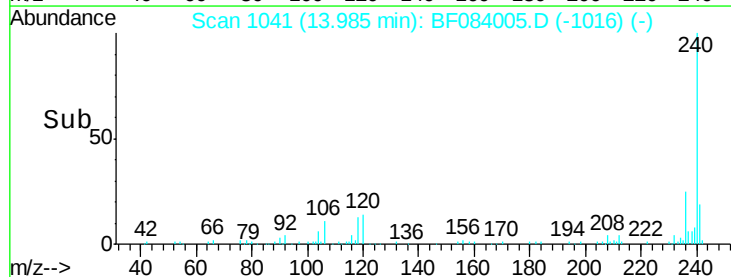
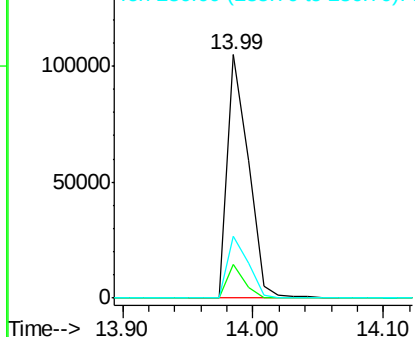


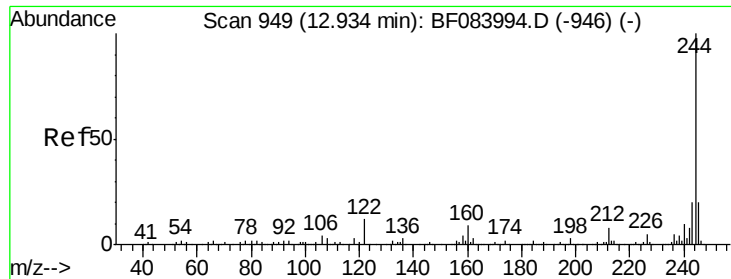
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084005.D
Acq: 22 Dec 2015 23:08

Tgt Ion:240 Resp: 117927
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.2 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: 101.16 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

MW-1

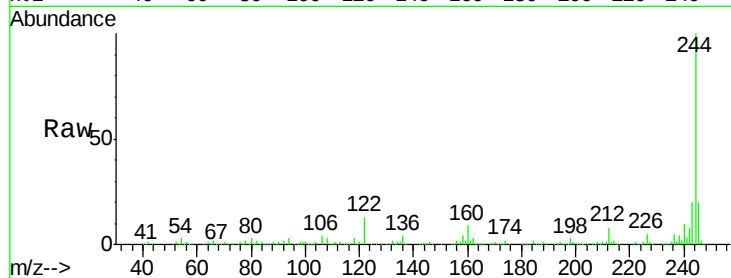
Tot Ion:244 Resp: 500214

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

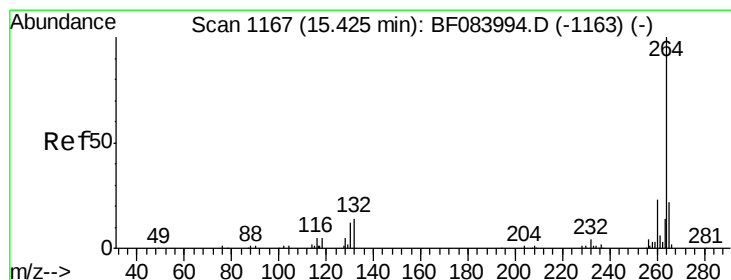
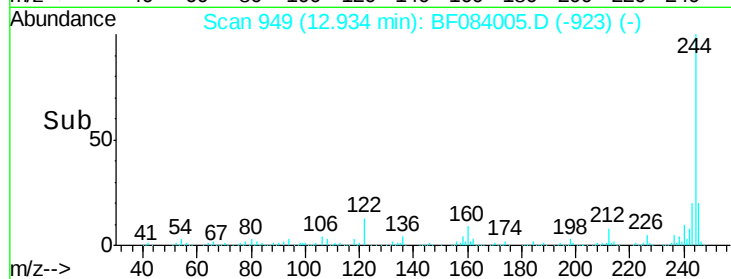
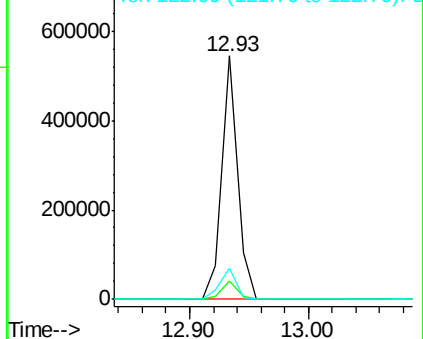
122 12.8 7.4 11.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084005.D

Acq: 22 Dec 2015 23:08

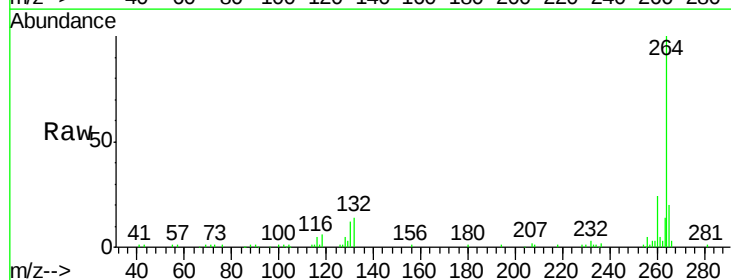
Tgt Ion:264 Resp: 113285

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 20.4 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

