

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092004.D
 Acq On : 28 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H6244-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

Quant Time: Dec 29 02:12:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

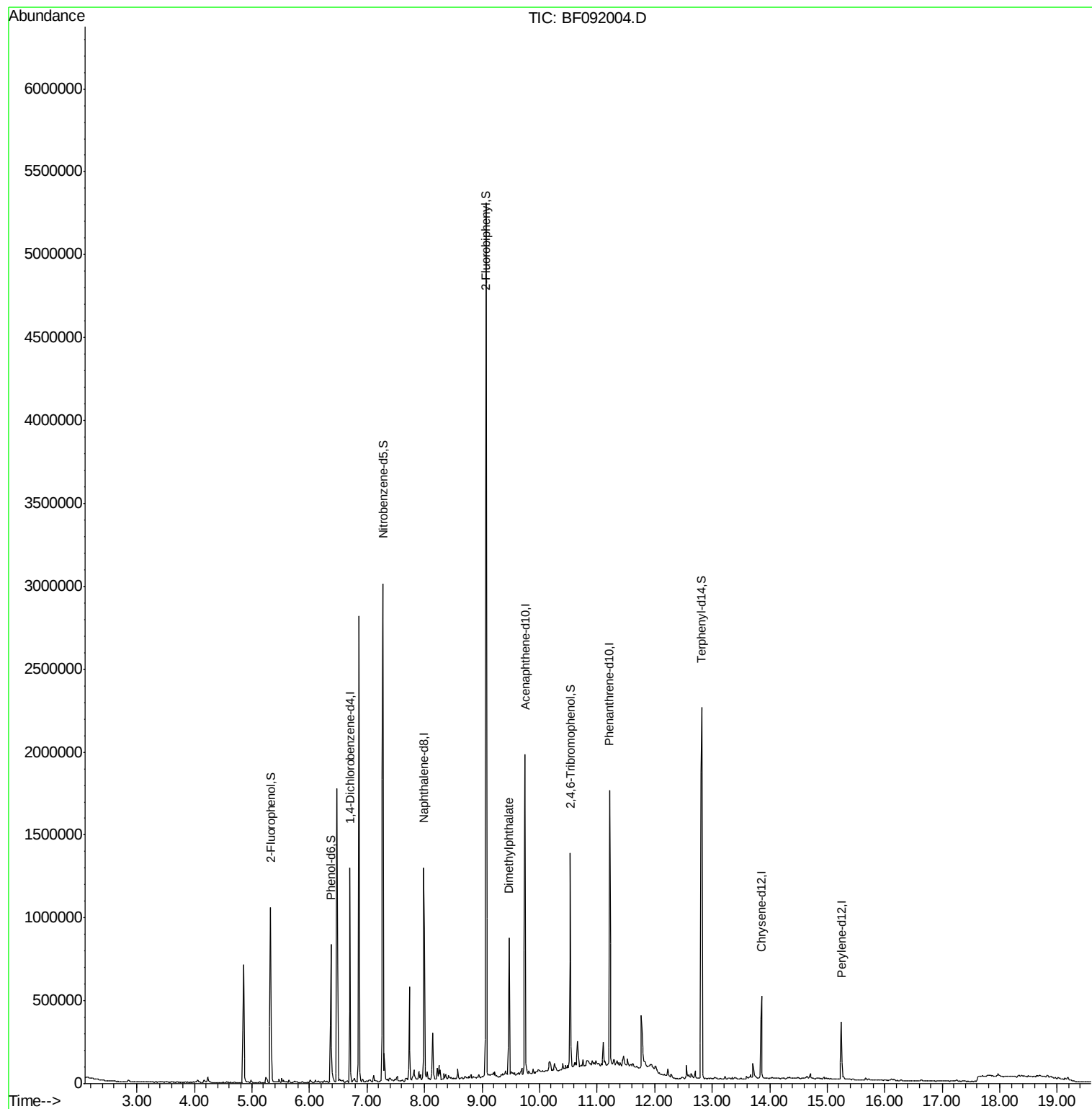
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	203160	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	805230	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	451334	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	694688	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	223906	20.00	ng	-0.01
86) Perylene-d12	15.24	264	150443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	351796	28.91	ng	0.00
7) Phenol-d6	6.37	99	345447	23.25	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1273468	87.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	177058	47.40	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1768065	79.42	ng	-0.01
78) Terphenyl-d14	12.82	244	994037	107.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	331083	11.47	ng	Qvalue 99

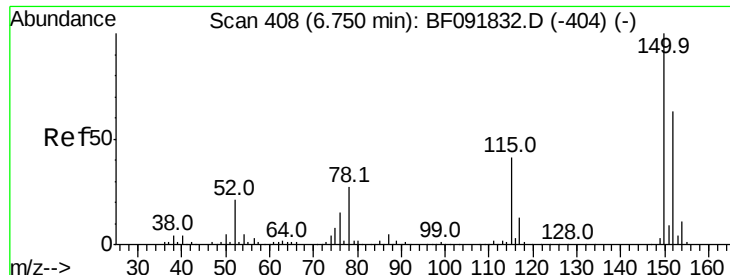
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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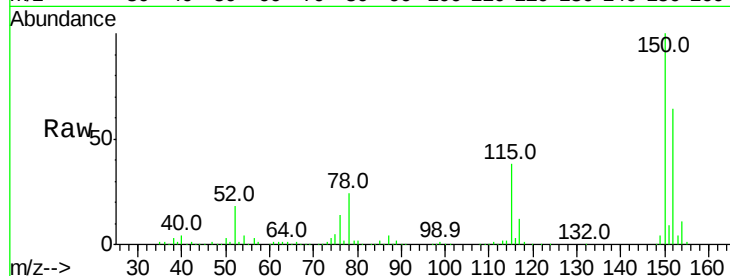


#1

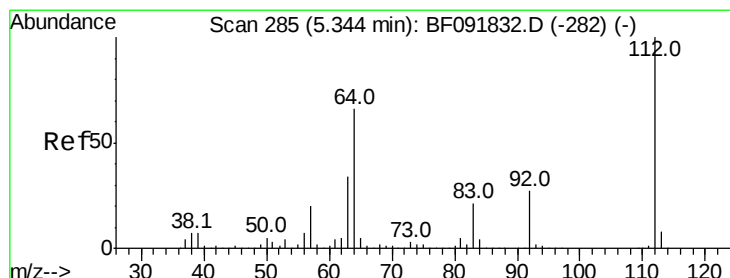
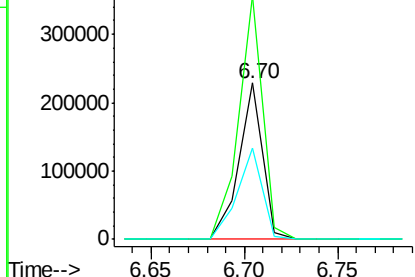
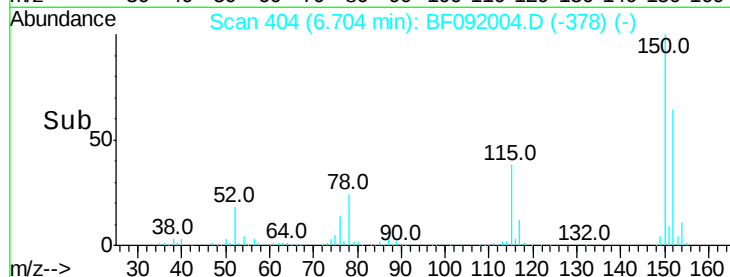
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleID :
 MW-5RE

Tot Ion:152 Resp: 203160
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 58.5 46.0 69.0



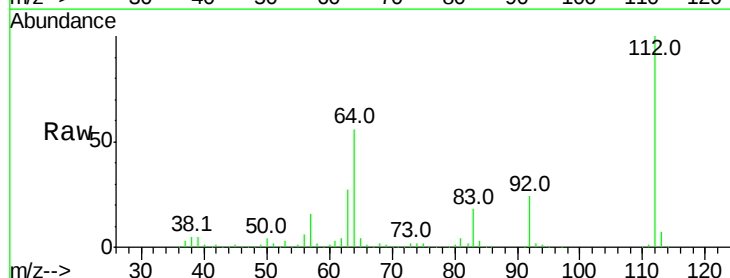
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



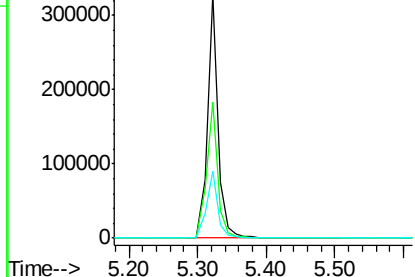
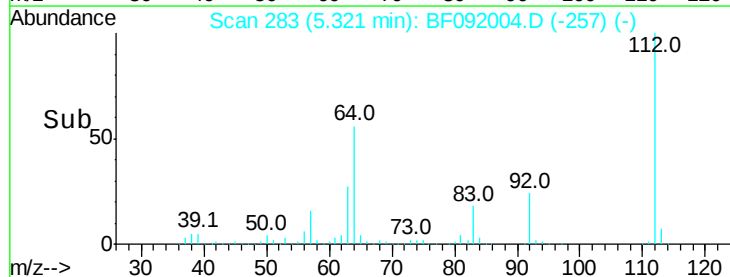
#5

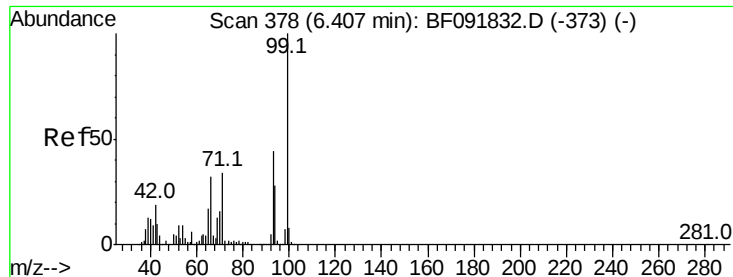
2-Fluorophenol
 Concen: 28.91 ng
 RT: 5.32 min Scan# 283
 Delta R.T. -0.00 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Tgt Ion:112 Resp: 351796
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.1 69.1
 63 27.4 23.8 35.6



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: 23.25 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE

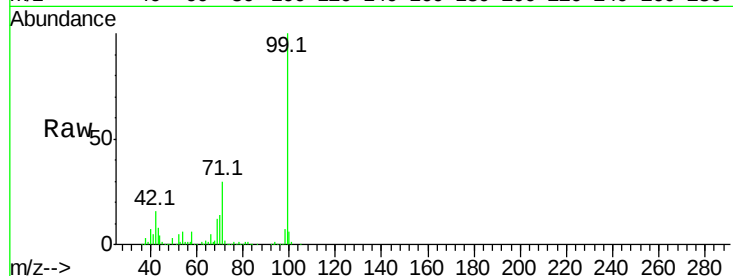
Tot Ion: 99 Resp: 345447

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

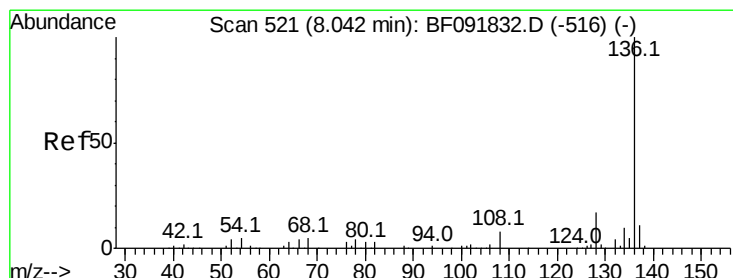
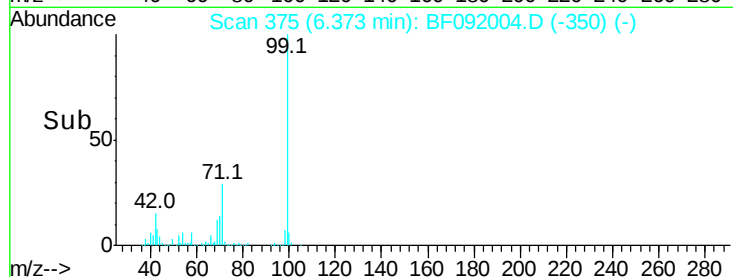
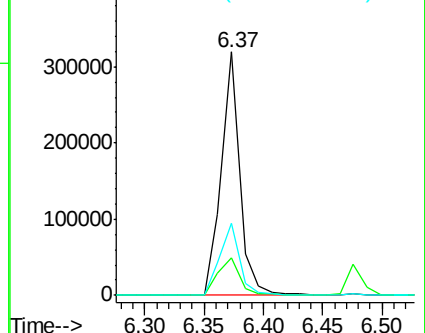
71 29.5 27.5 41.3



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: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Tgt Ion: 136 Resp: 805230

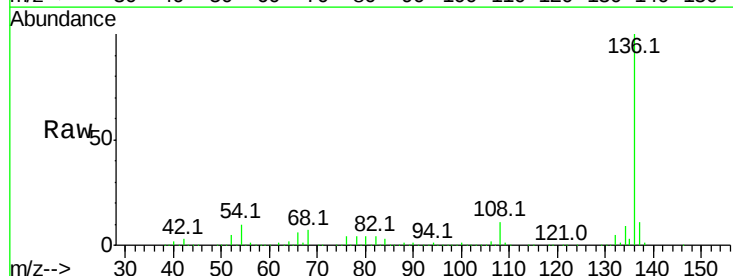
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.9 4.5 6.7#

68 7.3 3.6 5.4#

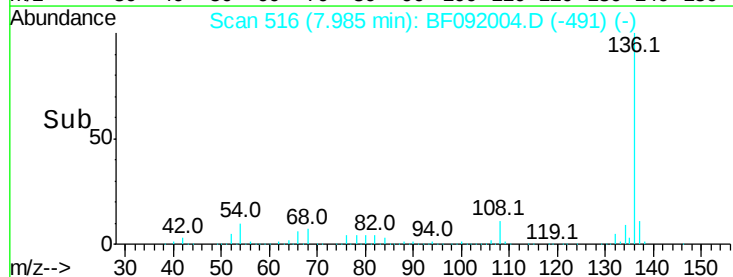
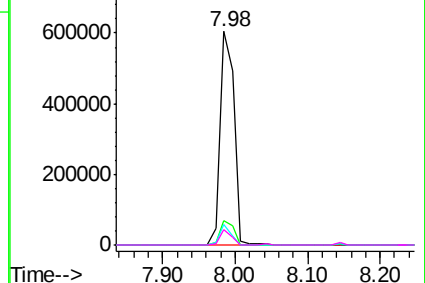


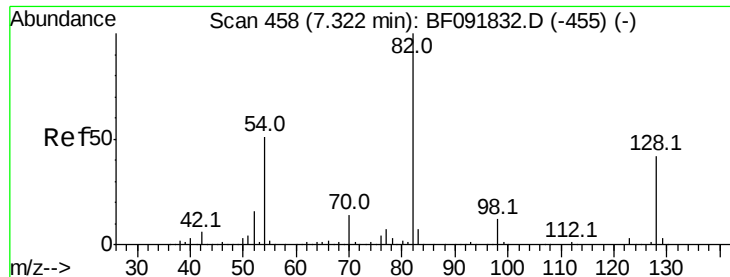
Abundance Ion 136.00 (135.70 to 136.70): E

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



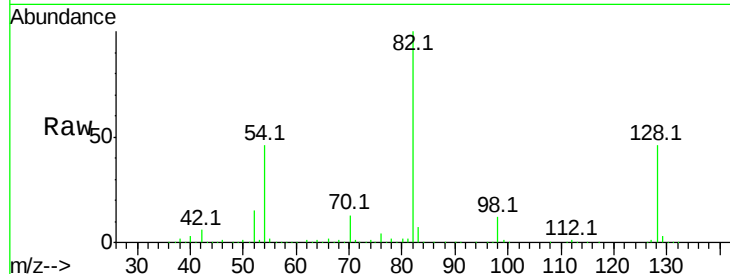


#23
 Nitrobenzene-d5
 Concen: 87.94 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

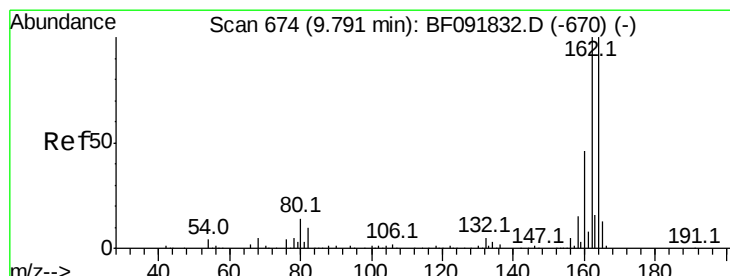
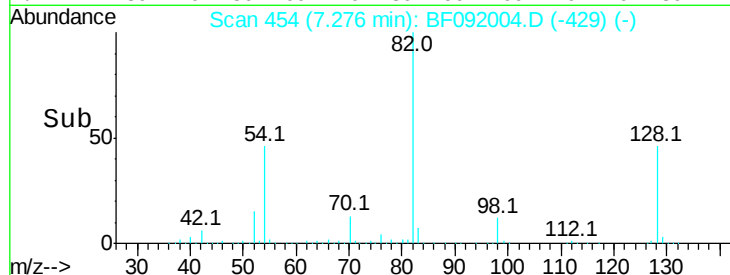
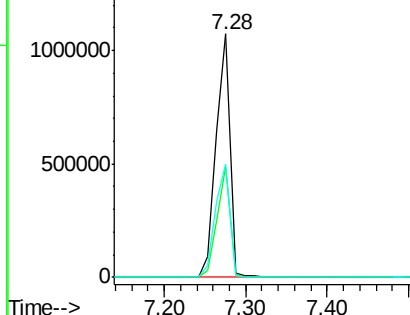
Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

Tot Ion: 82 Resp: 1273468

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	46.2	39.5	59.3



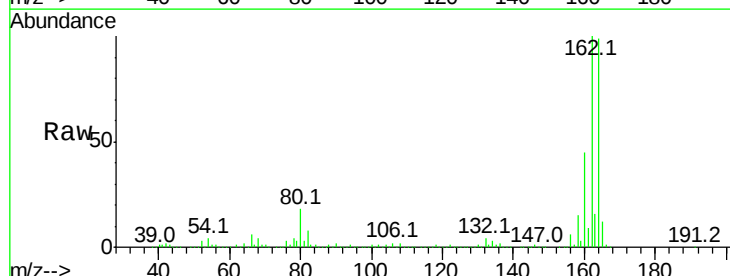
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



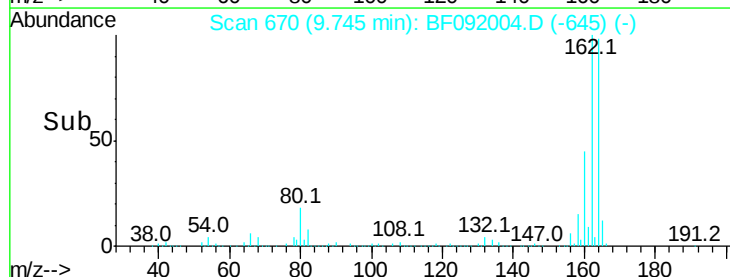
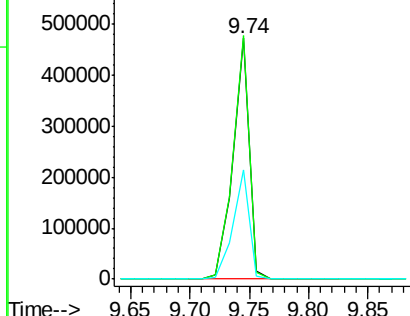
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

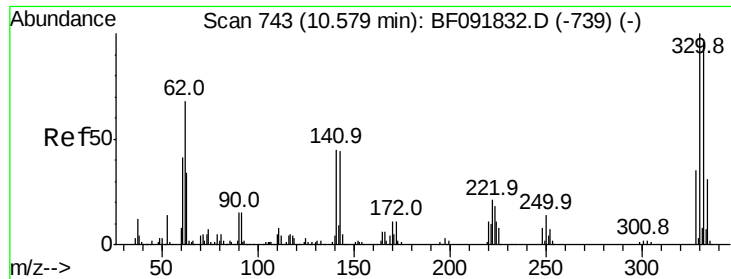
Tgt Ion:164 Resp: 451334

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.5	36.9	55.3



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

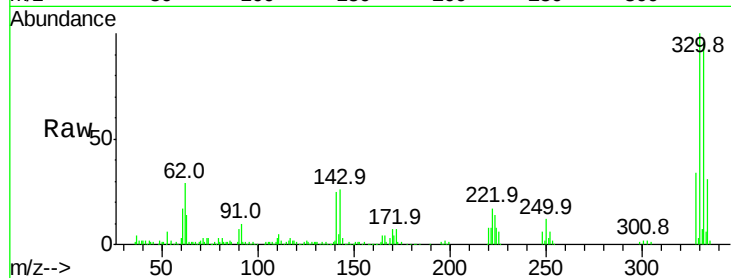




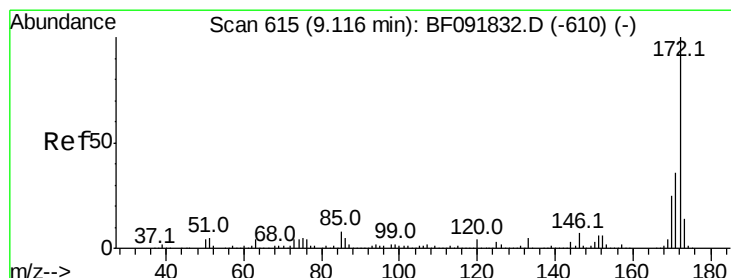
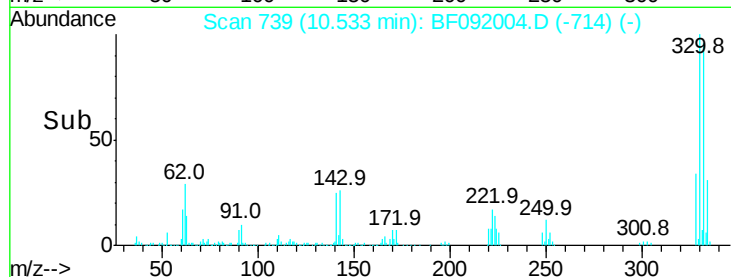
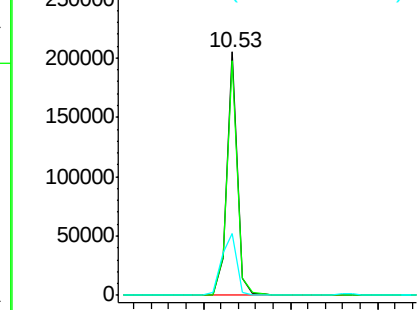
#41
 2,4,6-Tribromophenol
 Concen: 47.40 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampled :
 MW-5RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	36.0	34.1	51.1

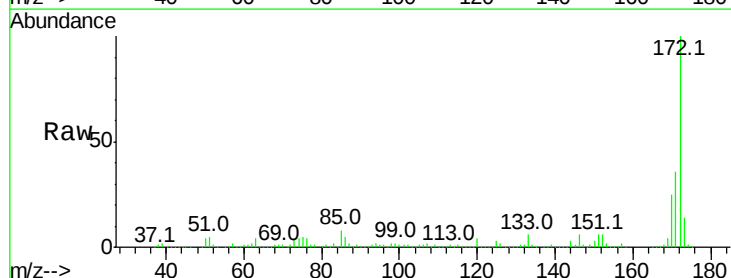


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

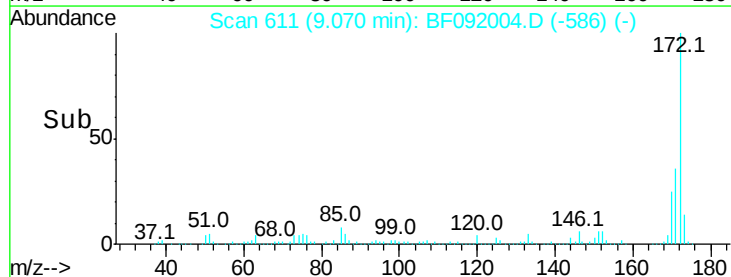
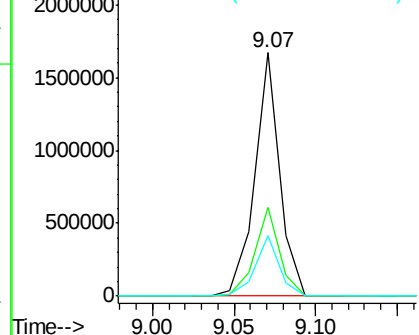


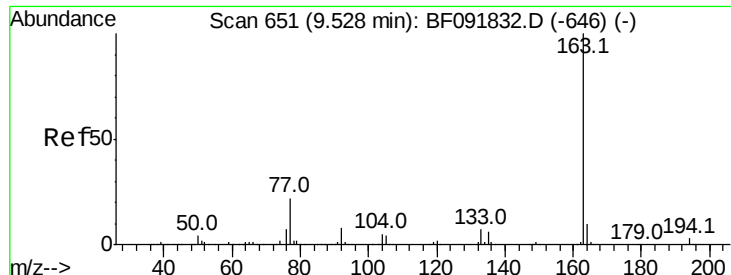
#44
 2-Fluorobiphenyl
 Concen: 79.42 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.6	20.2	30.4



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

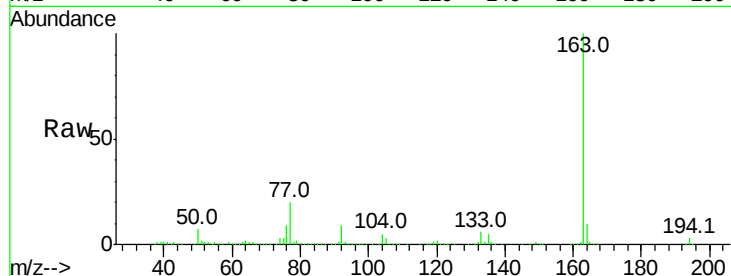




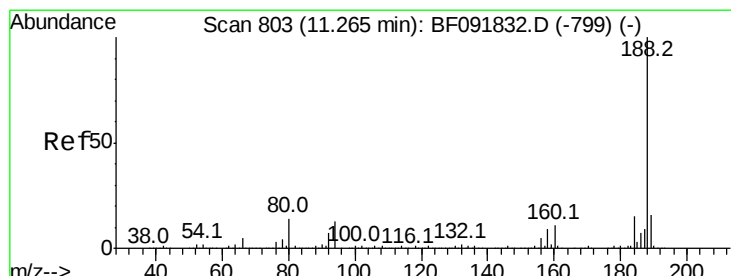
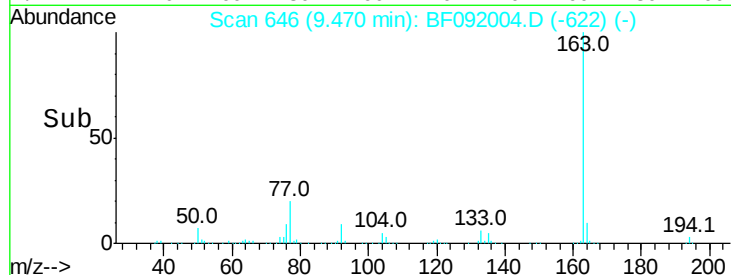
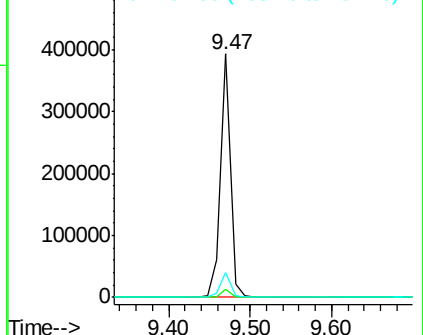
#49
Dimethylphthalate
Concen: 11.47 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Instrument :
BNA_F
ClientSampled :
MW-5RE

Tot Ion:163 Resp: 331083
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 8.0 12.0

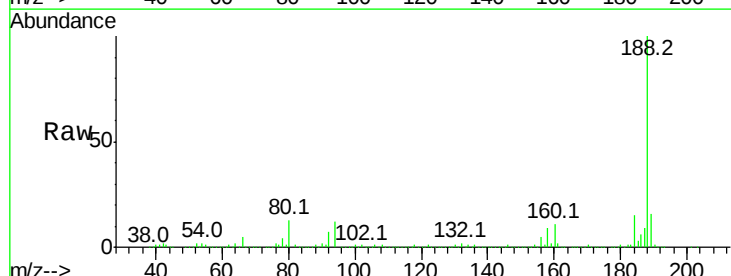


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

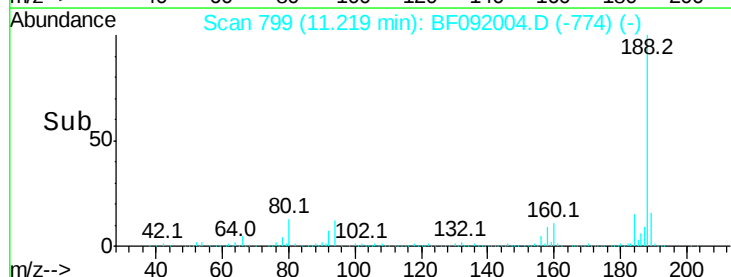
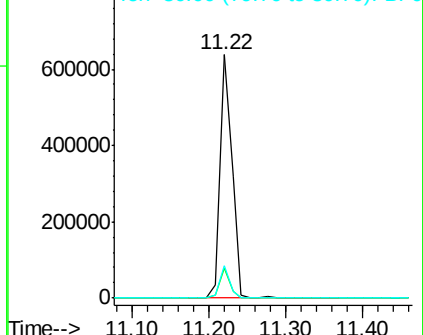


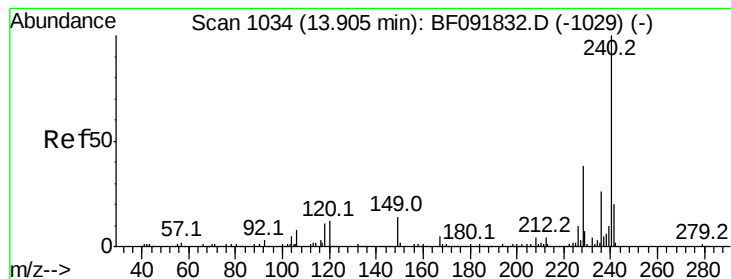
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Tgt Ion:188 Resp: 694688
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.4 11.2 16.8



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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE

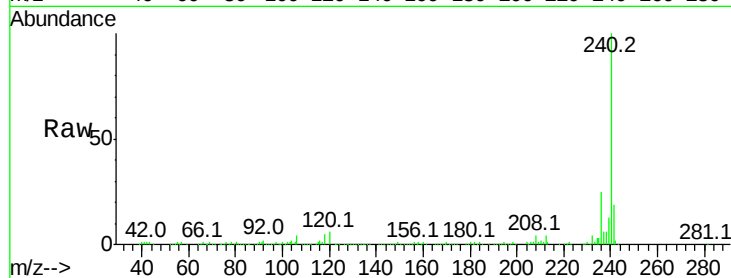
Tot Ion:240 Resp: 223906

Ion Ratio Lower Upper

240 100

120 5.5 12.9 19.3#

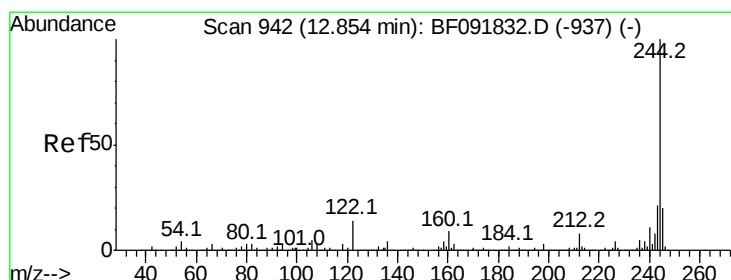
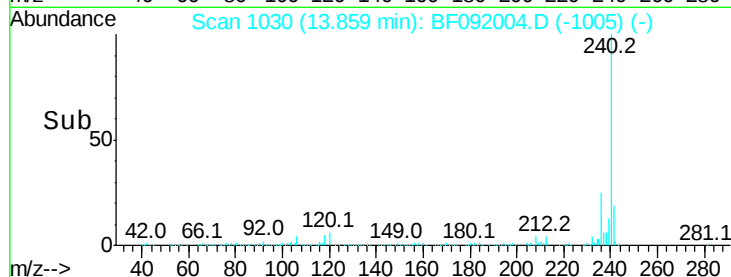
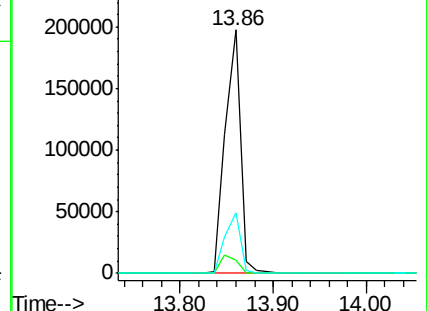
236 25.1 20.9 31.3



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: 107.67 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

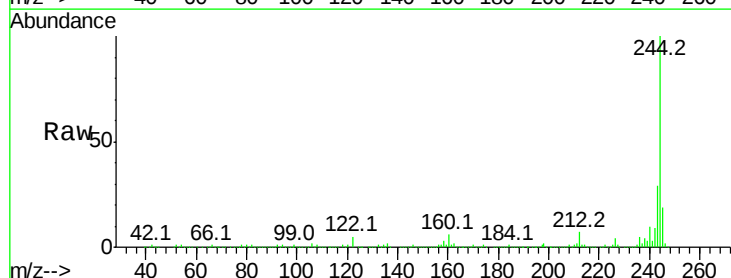
Tgt Ion:244 Resp: 994037

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

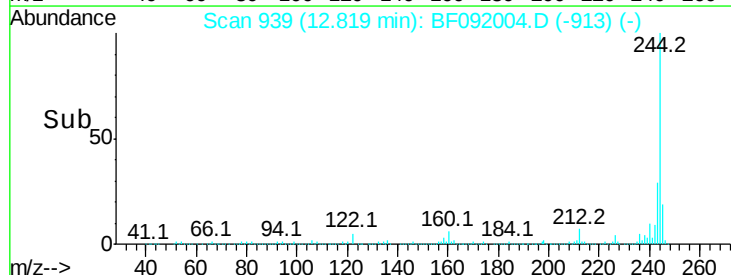
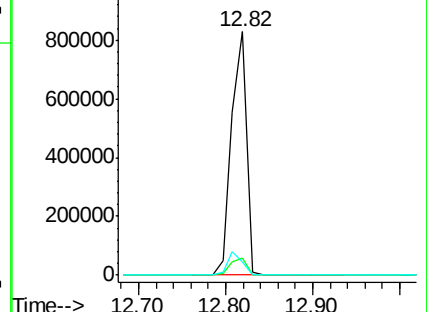
122 5.4 11.4 17.2#

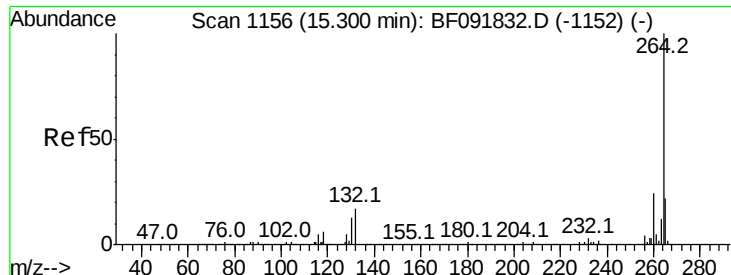


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

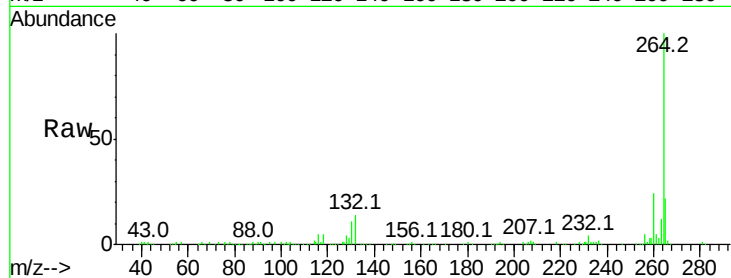




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0



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

