

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092093.D
 Acq On : 5 Jan 2017 2:55
 Operator : UM/SJ
 Sample : I1004-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jan 05 04:46:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

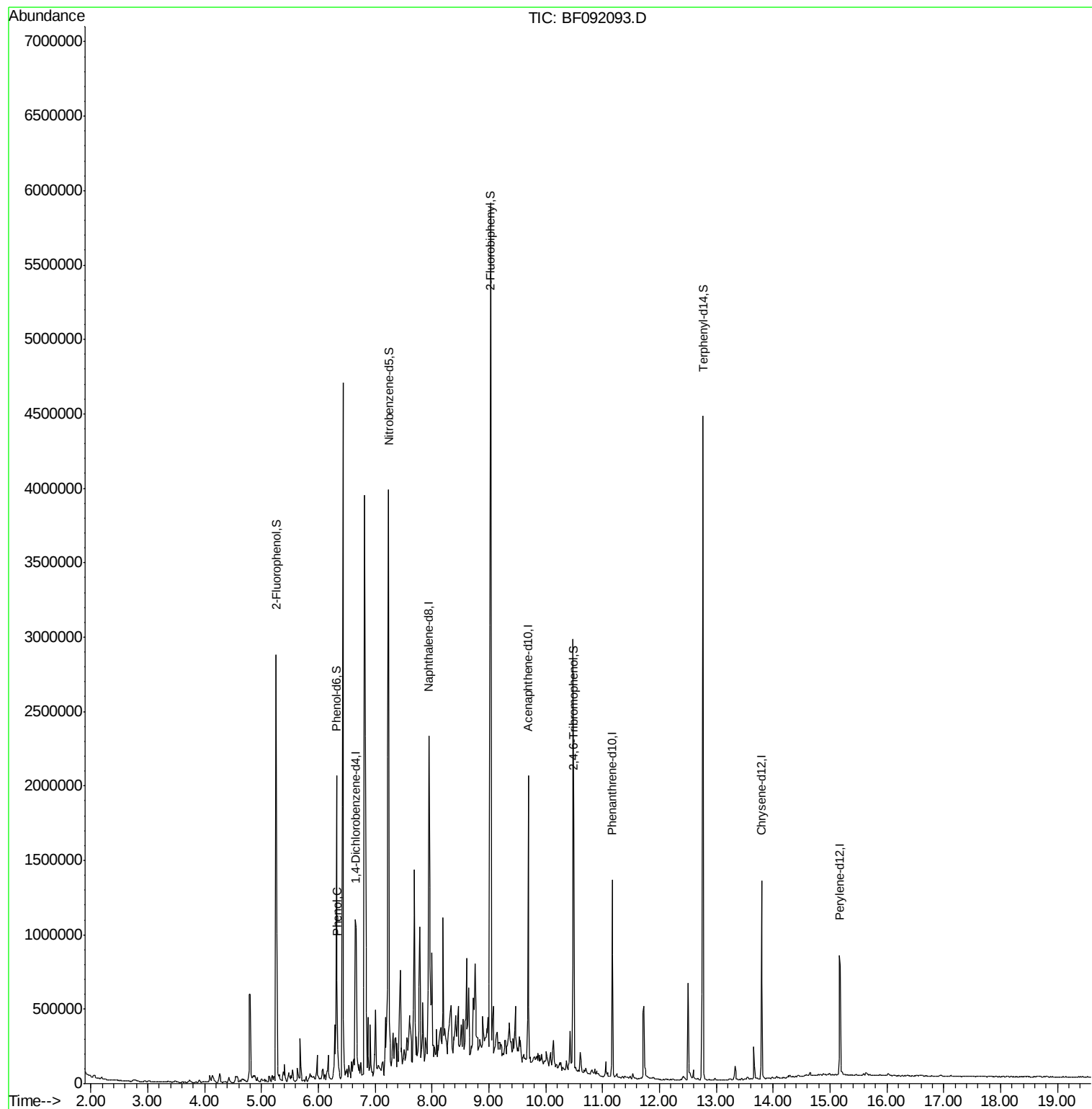
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199745	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	718715	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	379756	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	604284	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	518806	20.00	ng	-0.01
86) Perylene-d12	15.18	264	445015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	858607	71.77	ng	0.00
7) Phenol-d6	6.32	99	717885	49.15	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1341677	103.80	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	495797	157.76	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2076024	116.84	ng	0.00
78) Terphenyl-d14	12.77	244	1991266	93.09	ng	0.00
Target Compounds						
10) Phenol	6.33	94	45365	2.73	ng	Qvalue 88

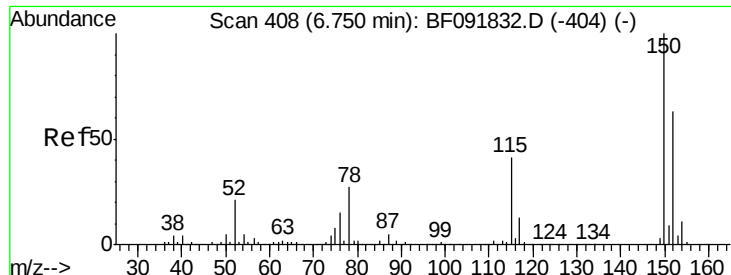
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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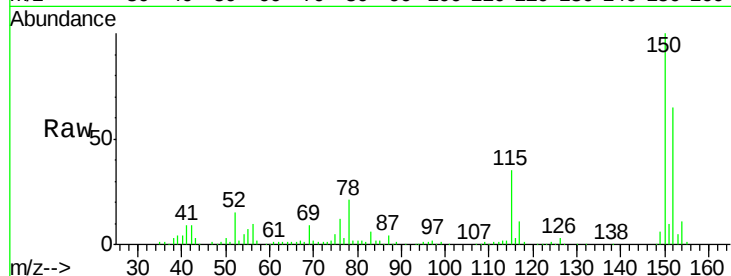


#1

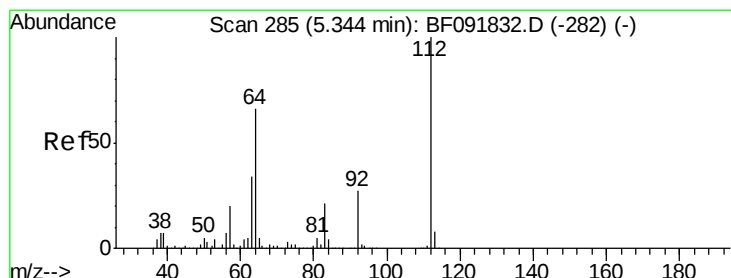
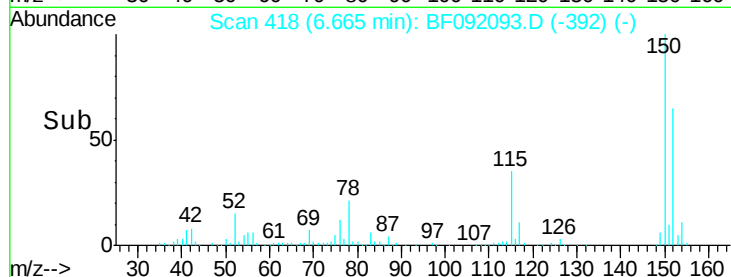
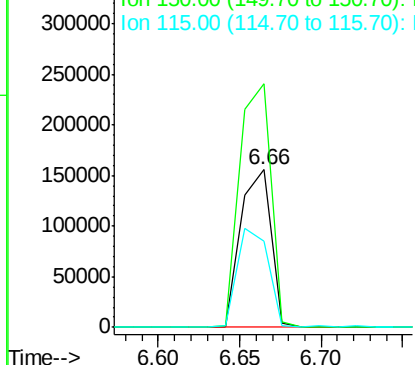
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion:152 Resp: 199745
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.9 187.3
 115 54.4 46.0 69.0



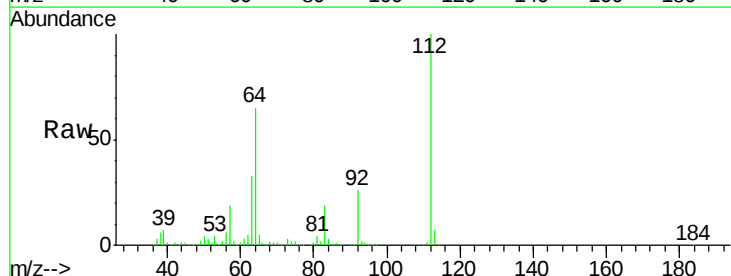
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



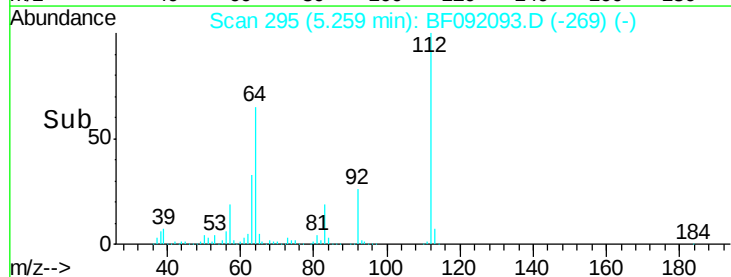
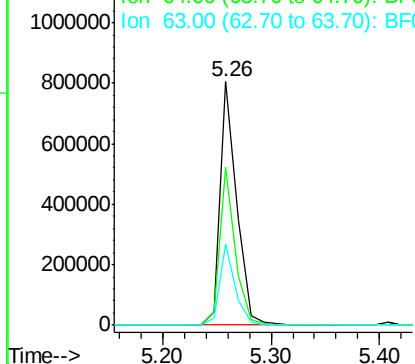
#5

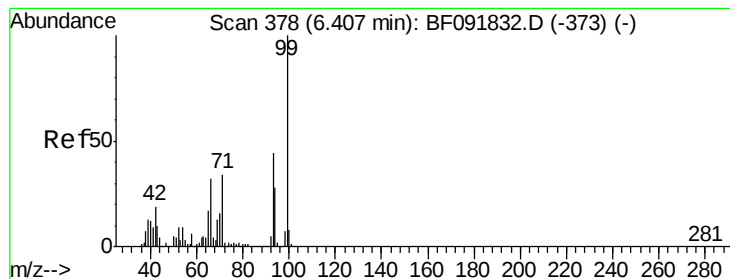
2-Fluorophenol
 Concen: 71.77 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Tgt Ion:112 Resp: 858607
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.1 69.1
 63 33.1 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: 49.15 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampled :

MW-06

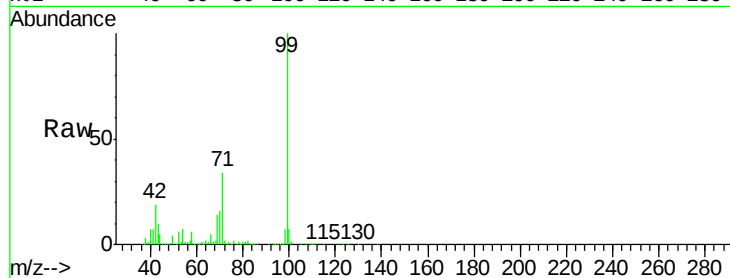
Tot Ion: 99 Resp: 717885

Ion Ratio Lower Upper

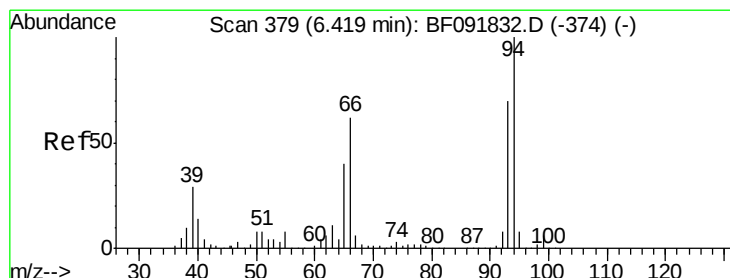
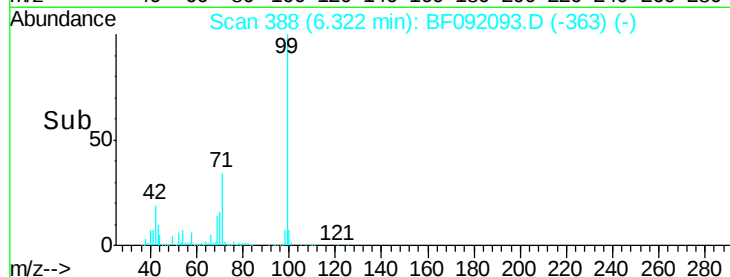
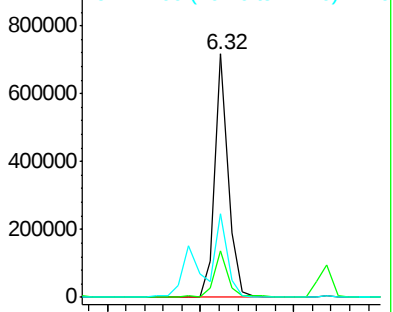
99 100

42 19.2 15.6 23.4

71 34.3 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



#10

Phenol

Concen: 2.73 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

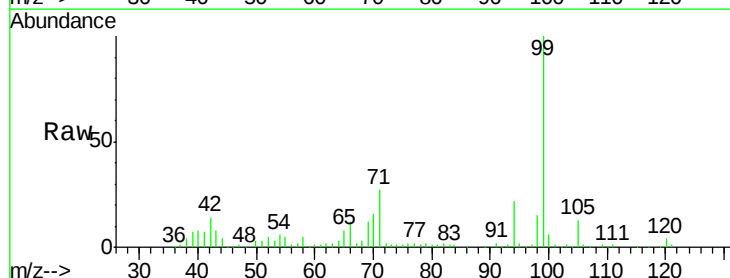
Tgt Ion: 94 Resp: 45365

Ion Ratio Lower Upper

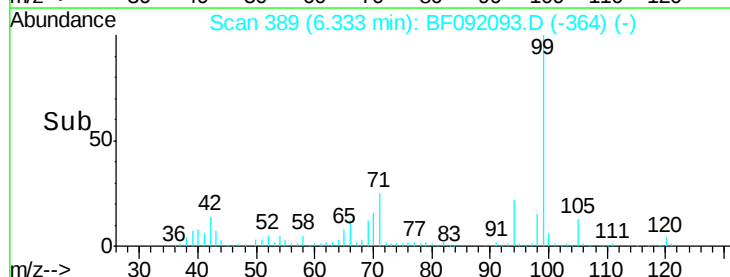
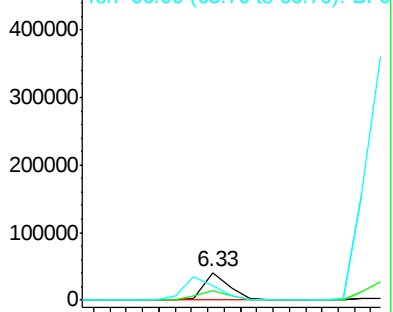
94 100

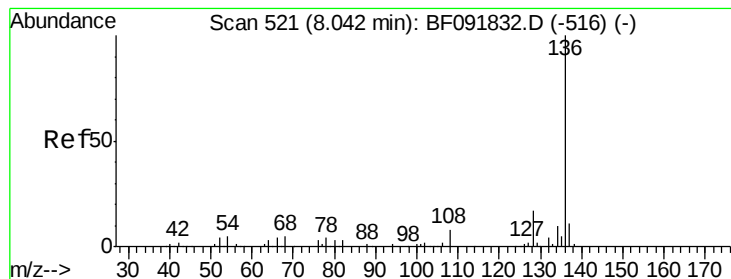
65 35.5 21.4 61.4

66 53.0 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

Tot Ion:136 Resp: 718715

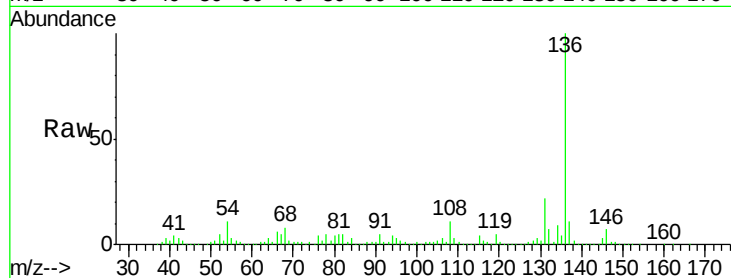
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.6 4.5 6.7#

68 8.4 3.6 5.4#

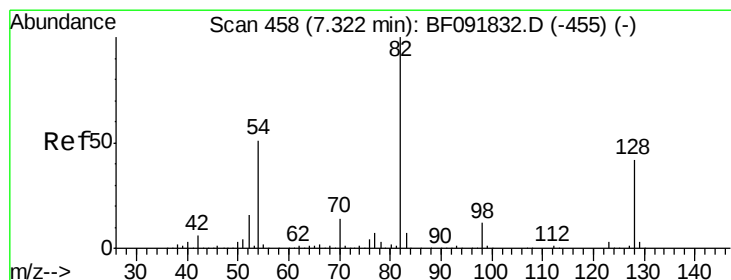
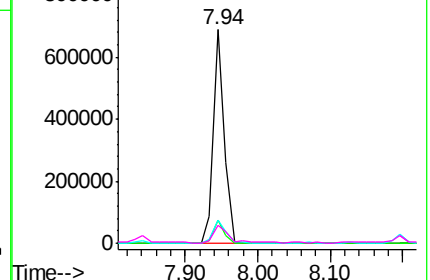
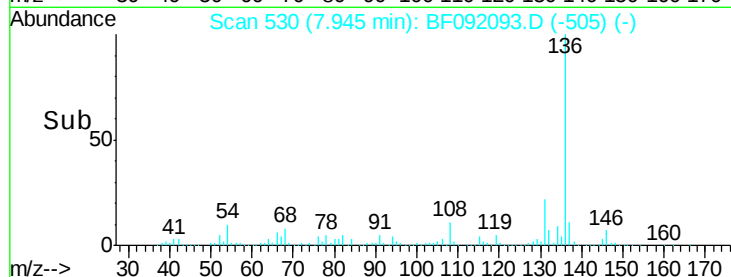


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.80 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

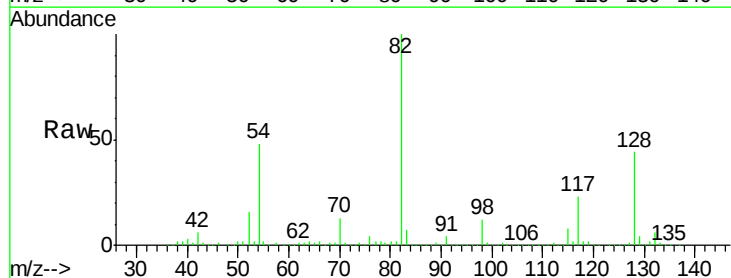
Tgt Ion: 82 Resp: 1341677

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

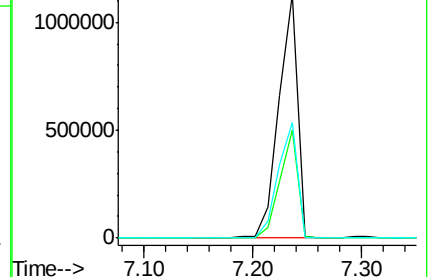
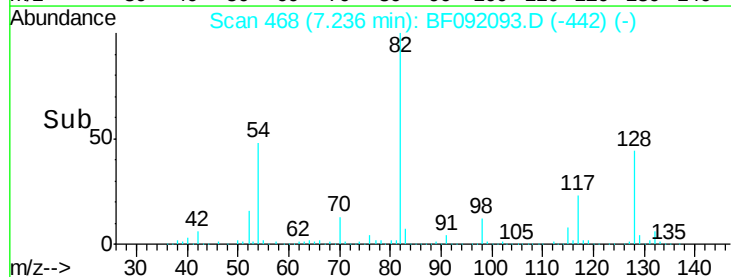
54 47.6 39.5 59.3

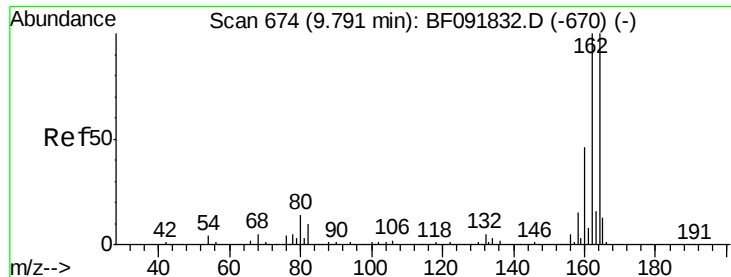


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

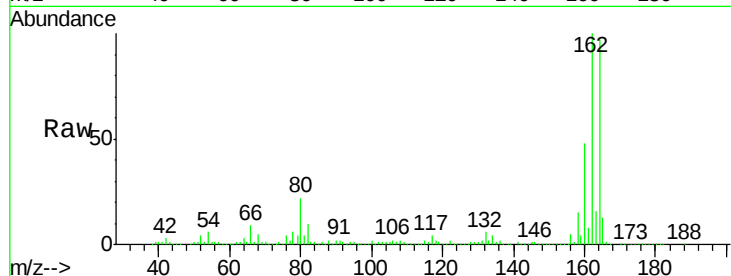
Tot Ion:164 Resp: 379756

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

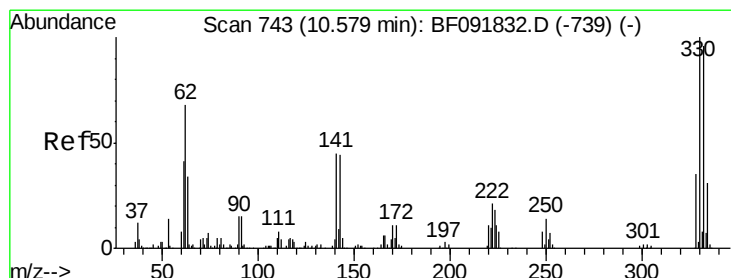
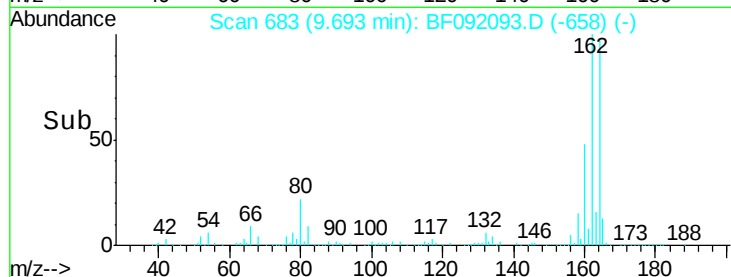
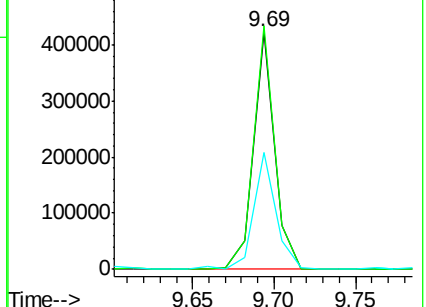
160 49.0 36.9 55.3



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: 157.76 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

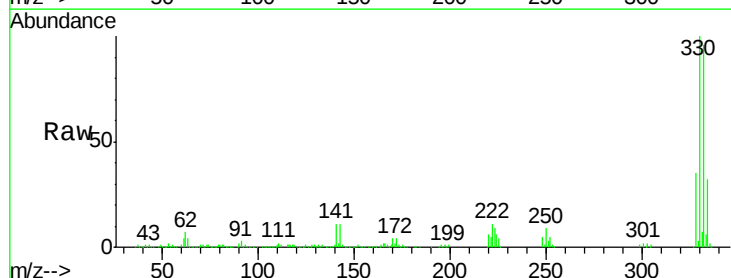
Tgt Ion:330 Resp: 495797

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

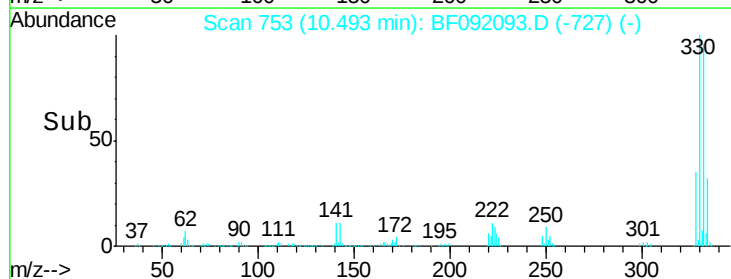
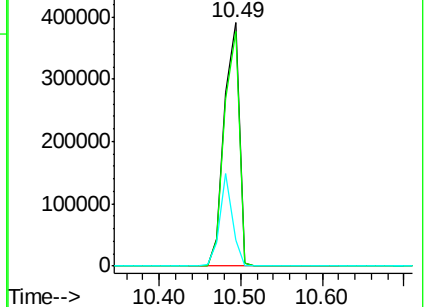
141 32.0 34.1 51.1#

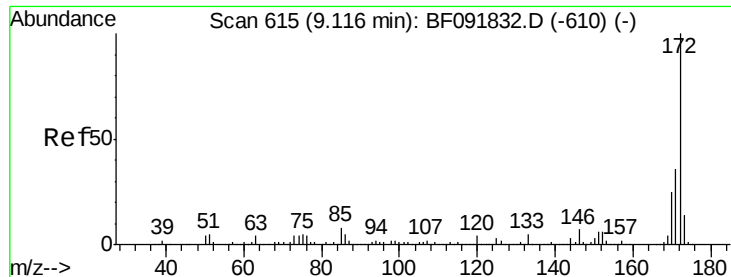


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



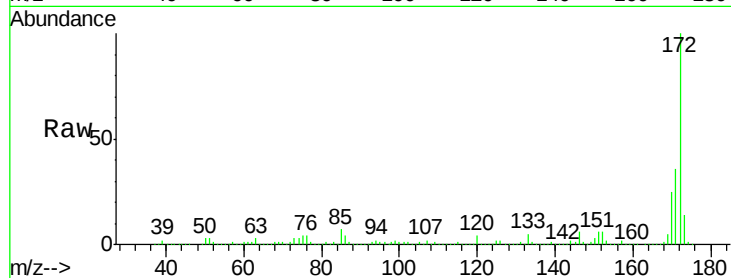


#44
 2-Fluorobiphenyl
 Concen: 116.84 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

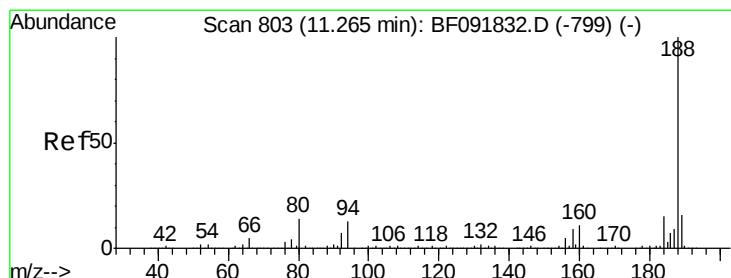
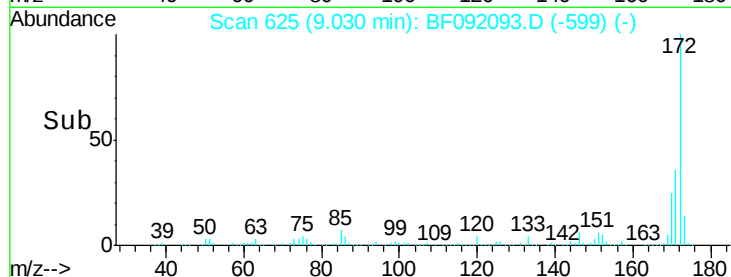
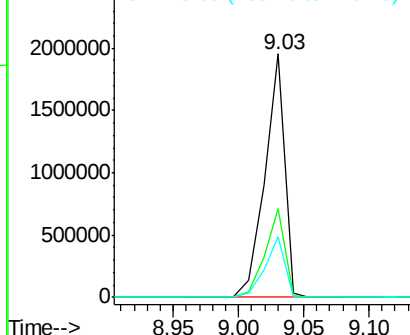
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion:172 Resp: 2076024

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.8	20.2	30.4



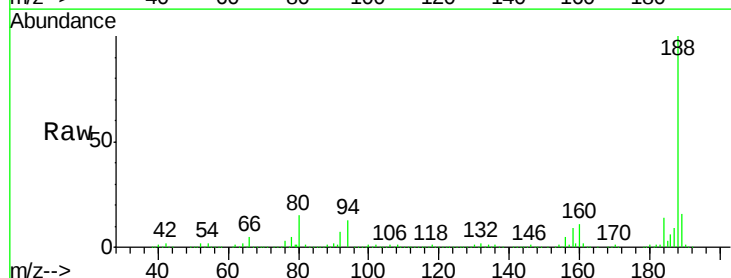
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



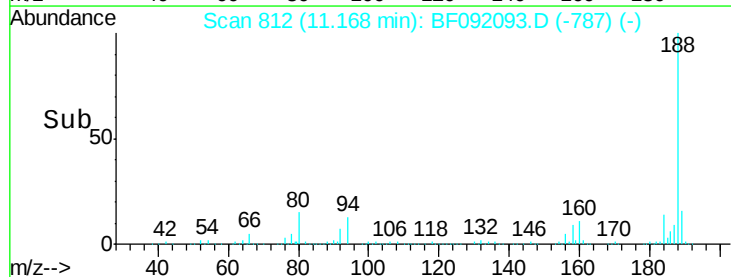
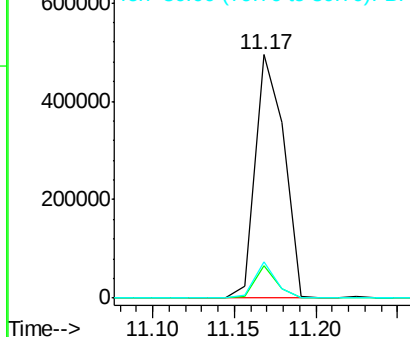
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

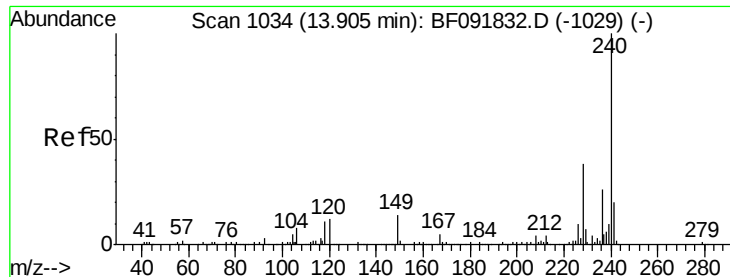
Tgt Ion:188 Resp: 604284

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	14.8	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: 13.80 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

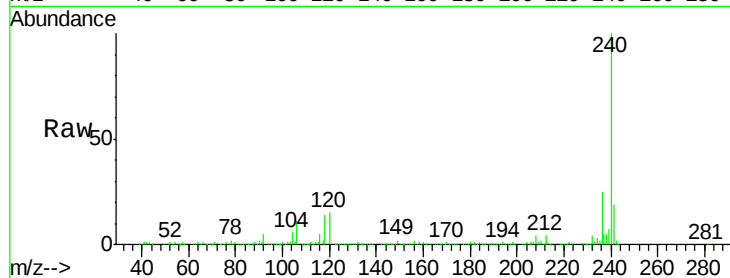
Tot Ion:240 Resp: 518806

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

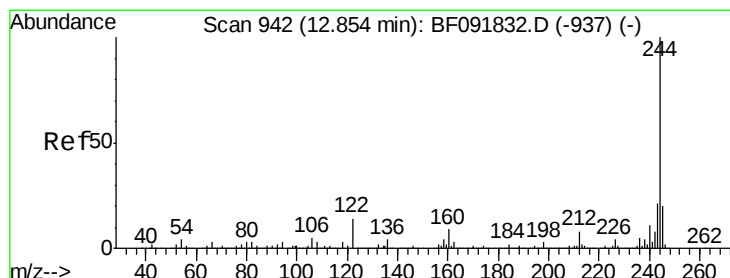
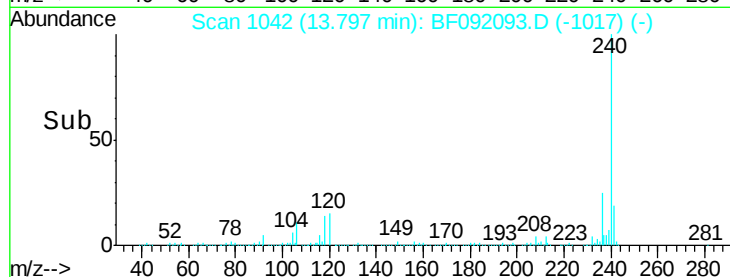
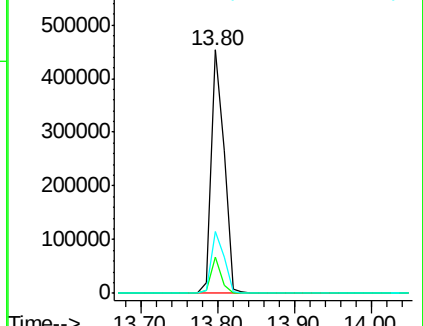
236 25.3 20.9 31.3



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: 93.09 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

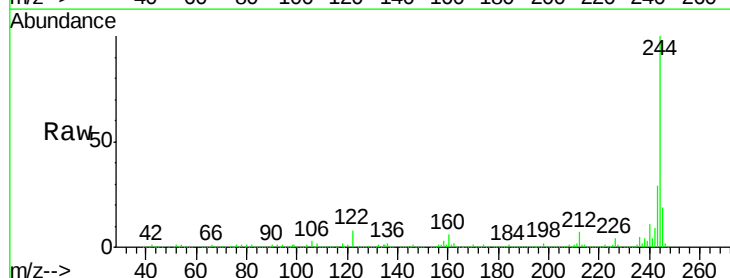
Tgt Ion:244 Resp: 1991266

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

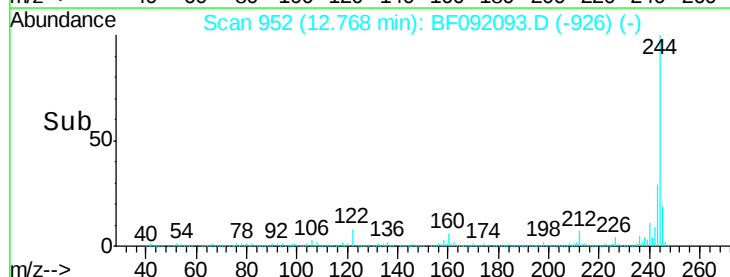
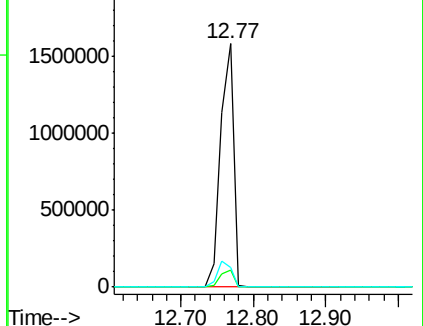
122 8.1 11.4 17.2#

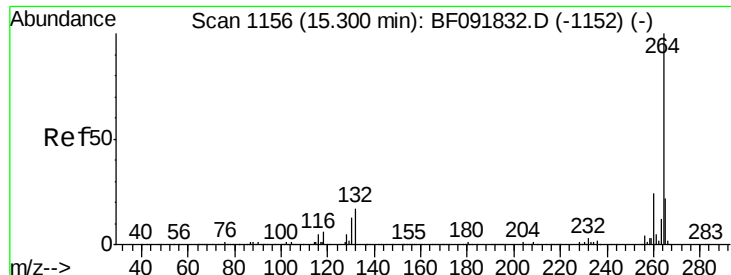


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.4	26.0

