

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092079.D
 Acq On : 4 Jan 2017 20:27
 Operator : UM/SJ
 Sample : I1004-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Jan 05 00:34:41 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

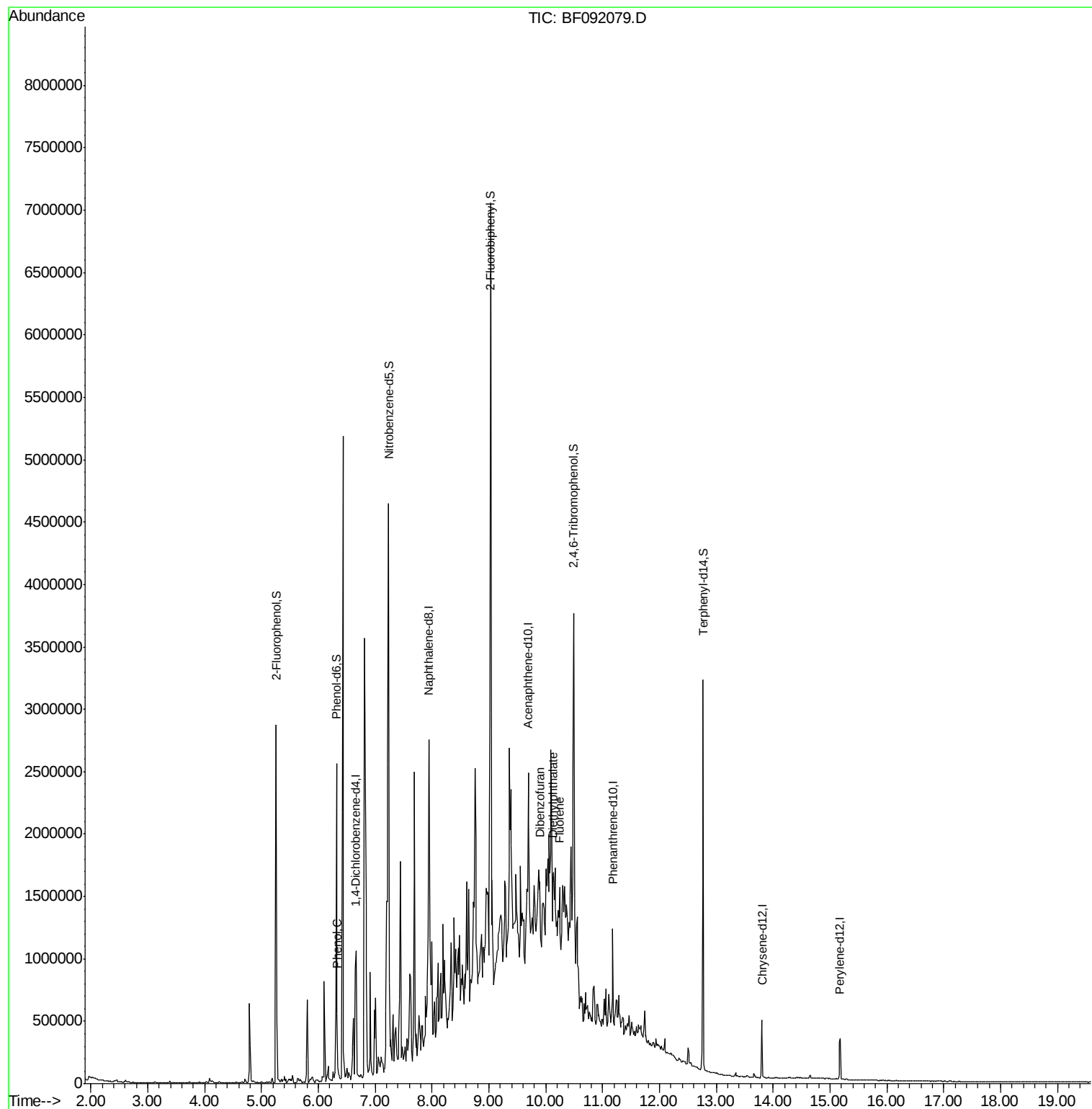
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	210769	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	779460	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	409011	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	278409	20.00	ng	0.00
75) Chrysene-d12	13.81	240	218663	20.00	ng	0.00
86) Perylene-d12	15.18	264	178460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	799884	63.37	ng	0.00
7) Phenol-d6	6.32	99	891900	57.87	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1450494	103.48	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	365824	108.08	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2110086	109.41	ng	0.00
78) Terphenyl-d14	12.77	244	1085709	120.42	ng	0.00
Target Compounds						
10) Phenol	6.33	94	41927	2.39	ng	82
54) Dibenzofuran	9.90	168	89643	2.87	ng	# 88
57) Fluorene	10.24	166	66391	2.92	ng	# 95
59) Diethylphthalate	10.13	149	141900	5.59	ng	# 90

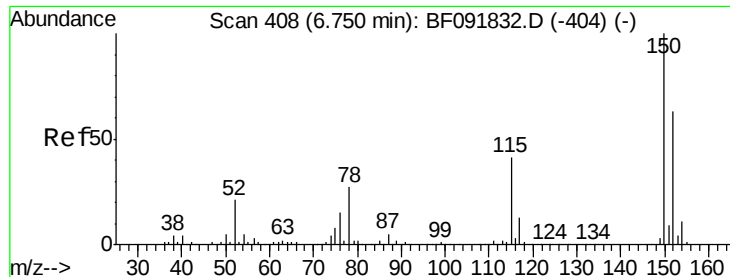
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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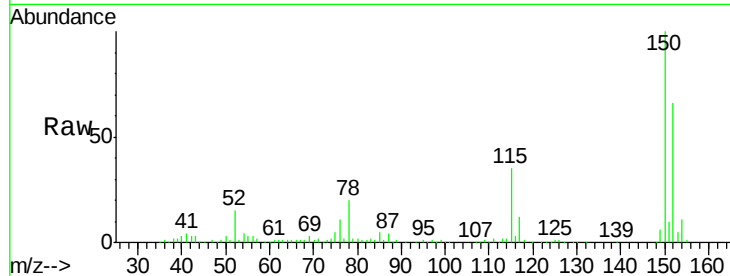


#1

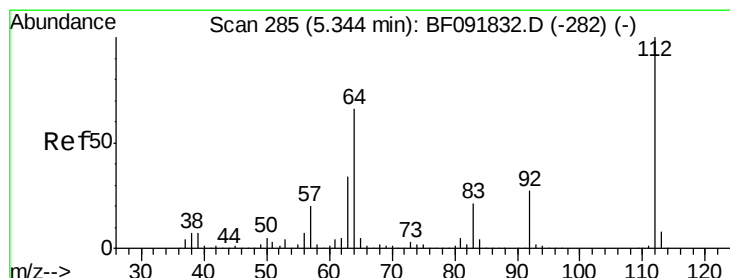
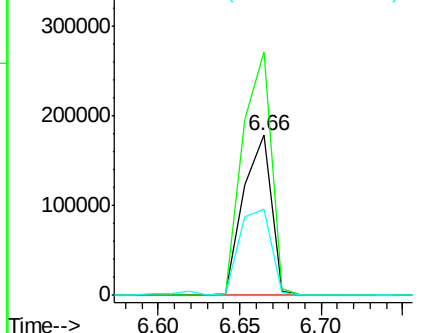
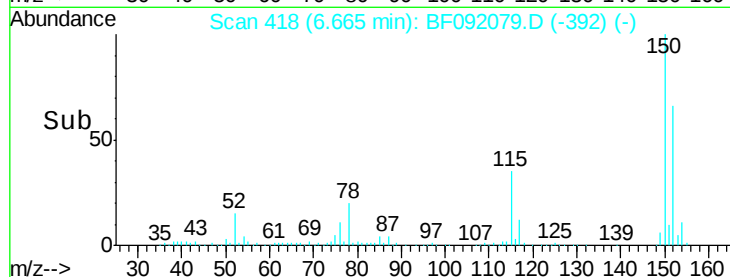
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092079.D
 Acq: 4 Jan 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.9	187.3
115	53.8	46.0	69.0



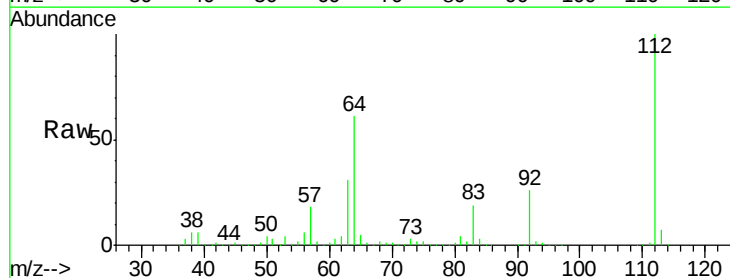
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



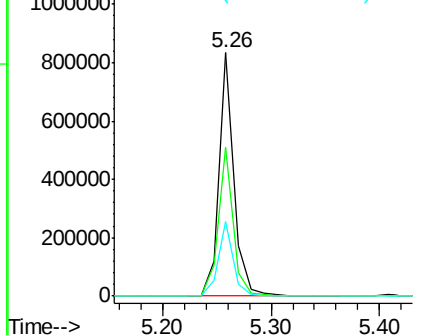
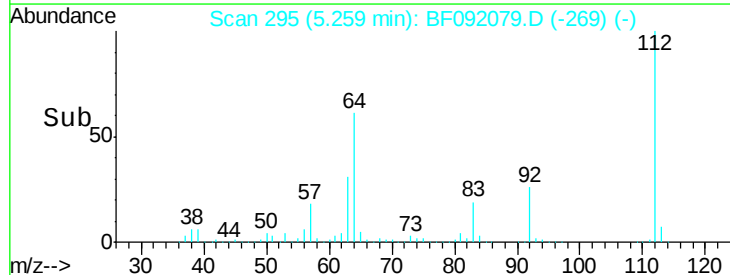
#5

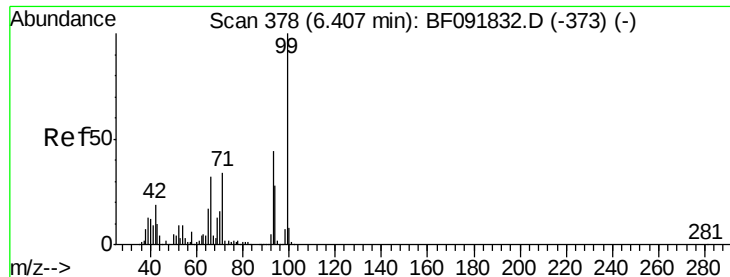
2-Fluorophenol
 Concen: 63.37 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BF092079.D
 Acq: 4 Jan 2017 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.1	69.1
63	30.5	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: 57.87 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

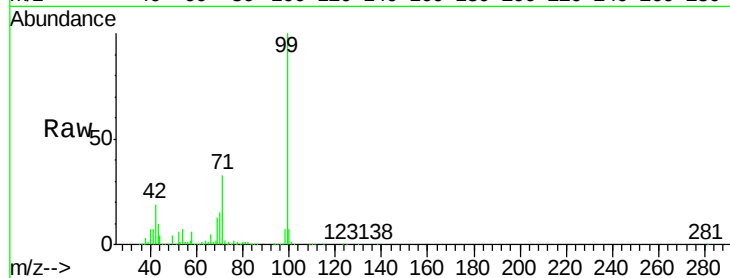
Tot Ion: 99 Resp: 891900

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

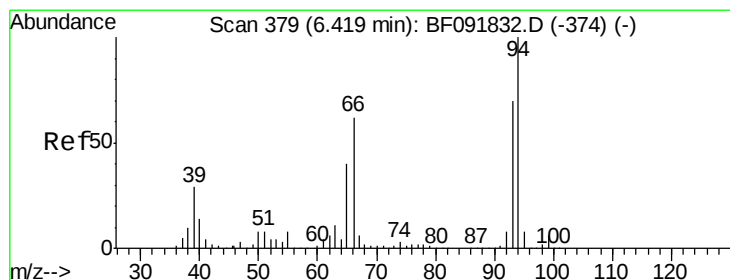
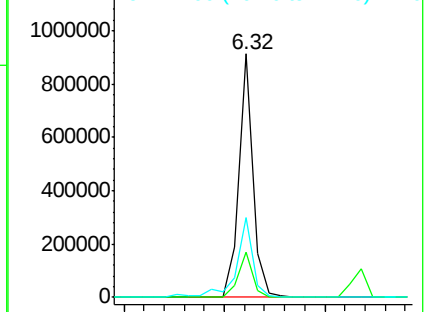
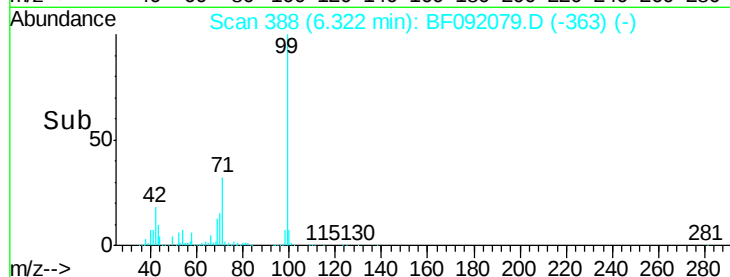
71 32.5 27.5 41.3



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



#10

Phenol

Concen: 2.39 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

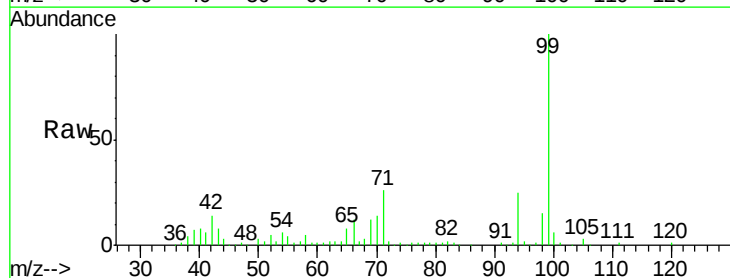
Tgt Ion: 94 Resp: 41927

Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

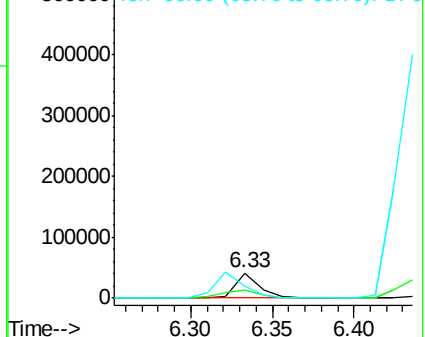
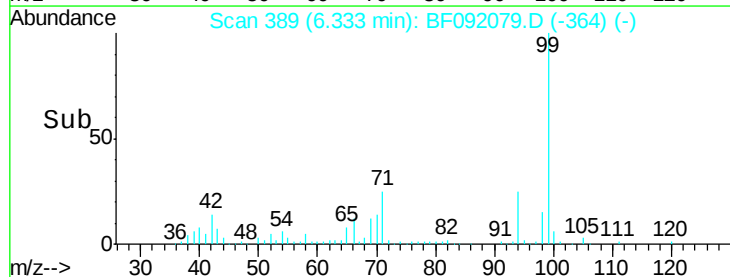
66 48.3 44.0 84.0

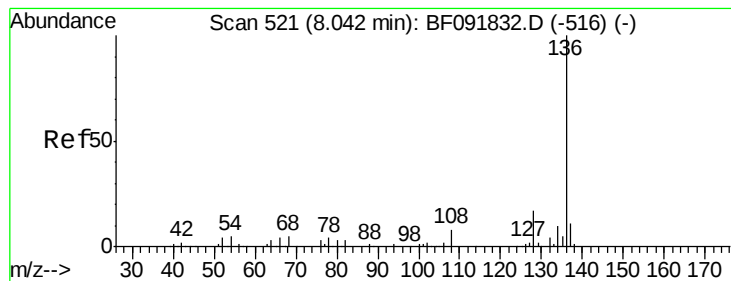


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

Tot Ion:136 Resp: 779460

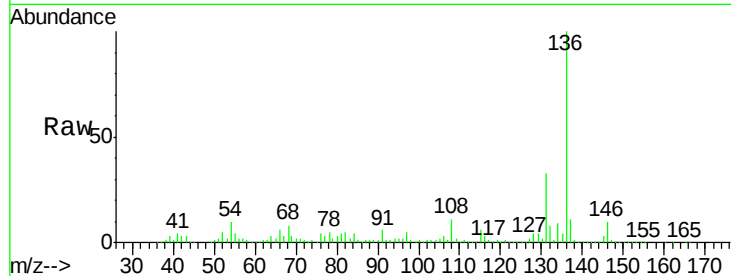
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.9 4.5 6.7#

68 7.9 3.6 5.4#

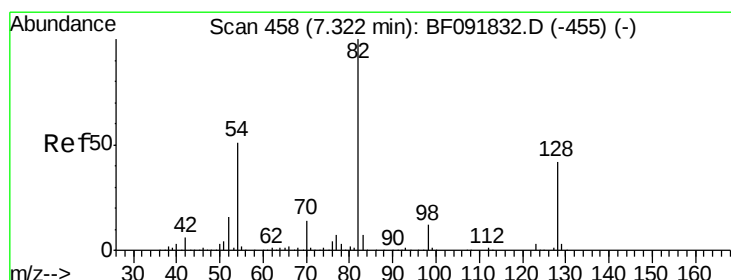
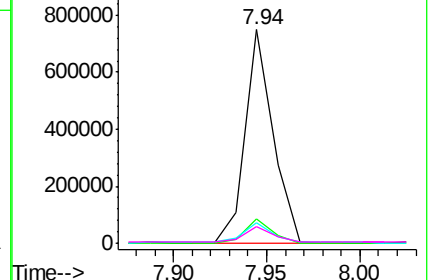
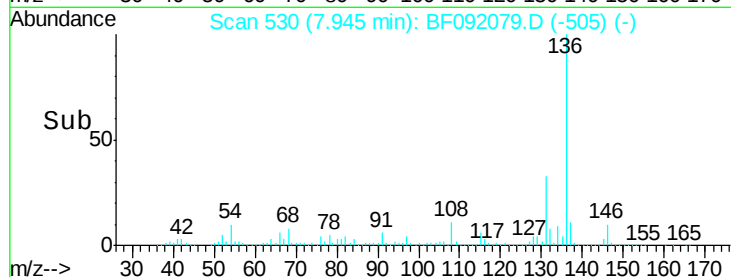


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.48 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

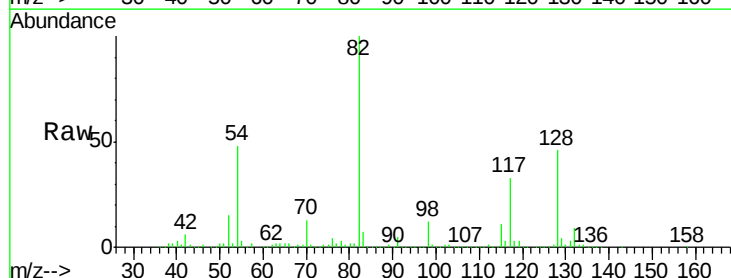
Tgt Ion: 82 Resp: 1450494

Ion Ratio Lower Upper

82 100

128 45.6 34.6 52.0

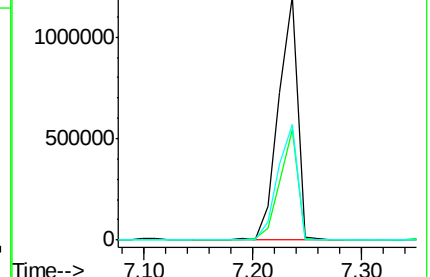
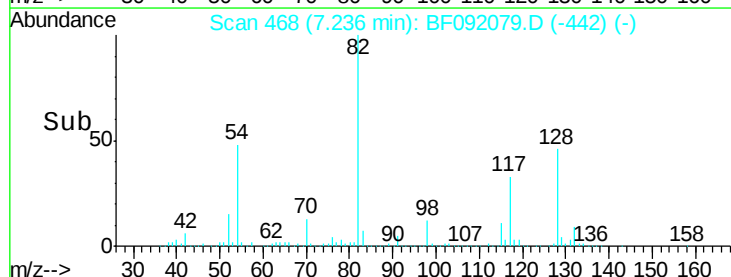
54 47.7 39.5 59.3

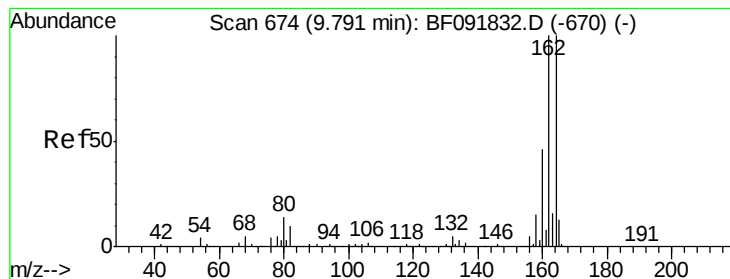


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

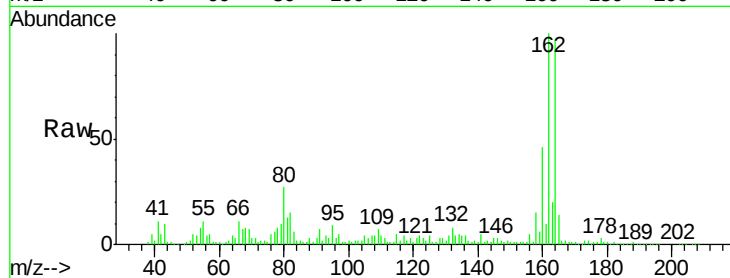
Tot Ion:164 Resp: 409011

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

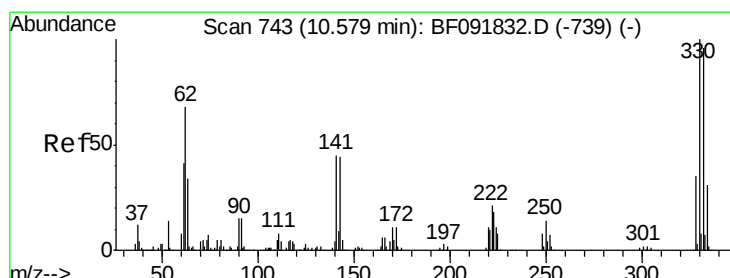
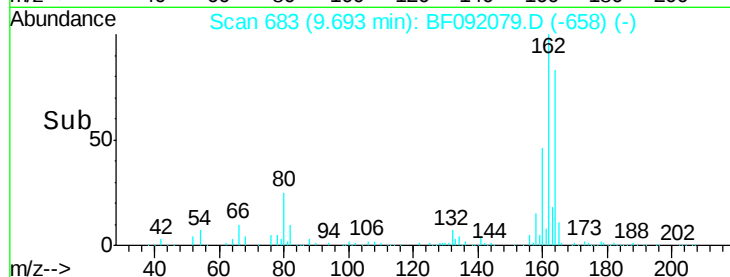
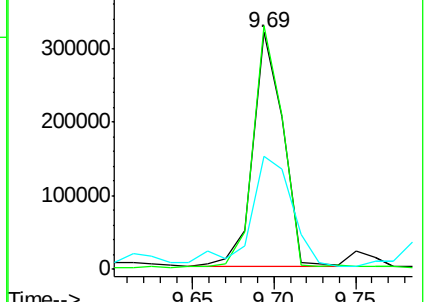
160 47.6 36.9 55.3



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: 108.08 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

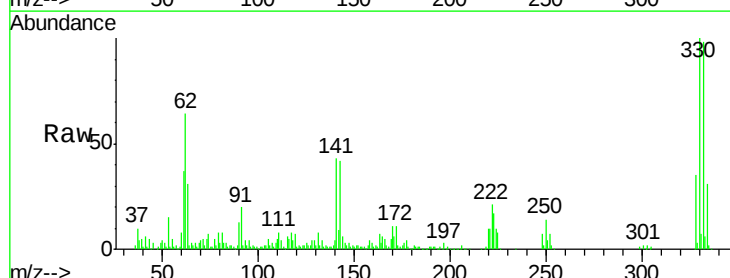
Tgt Ion:330 Resp: 365824

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

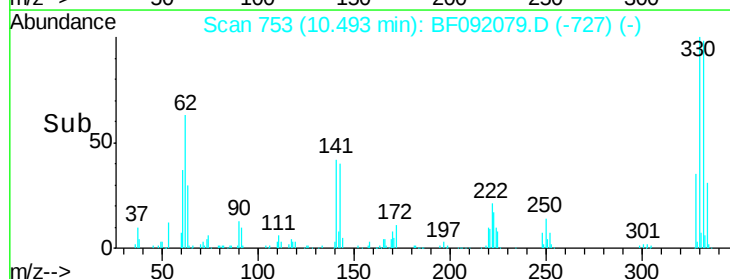
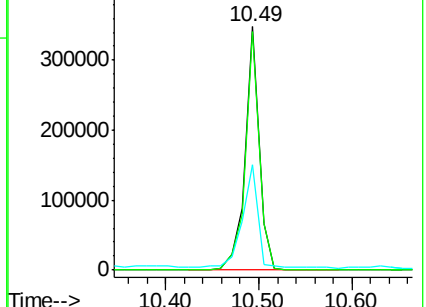
141 47.6 34.1 51.1

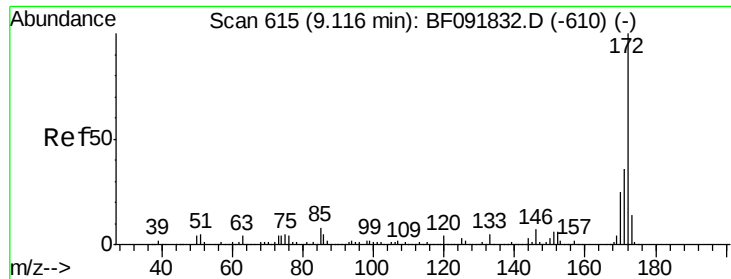


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

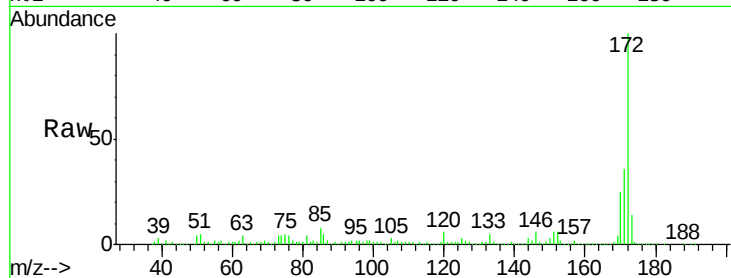




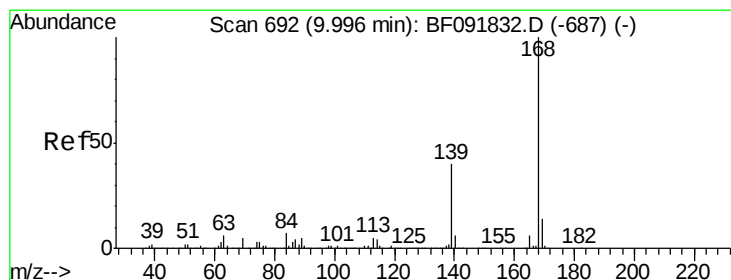
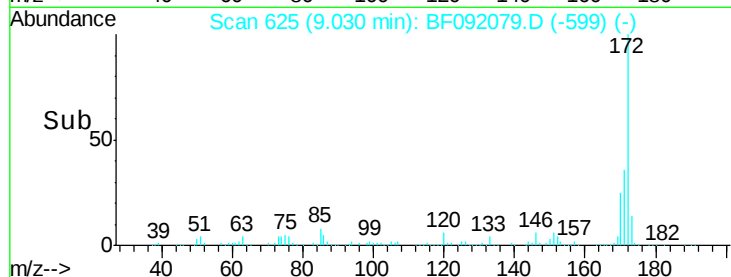
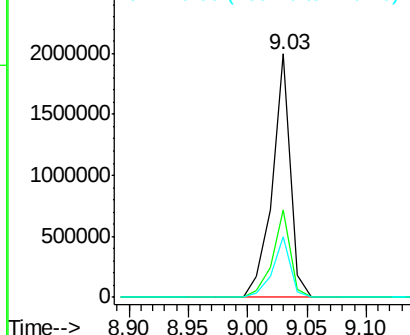
#44
2-Fluorobiphenyl
Concen: 109.41 ng
RT: 9.03 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:172 Resp: 2110086
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.7 20.2 30.4

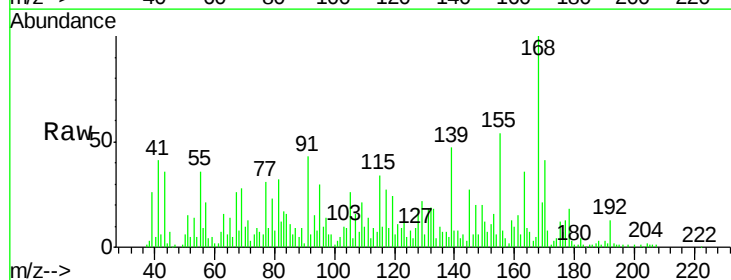


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

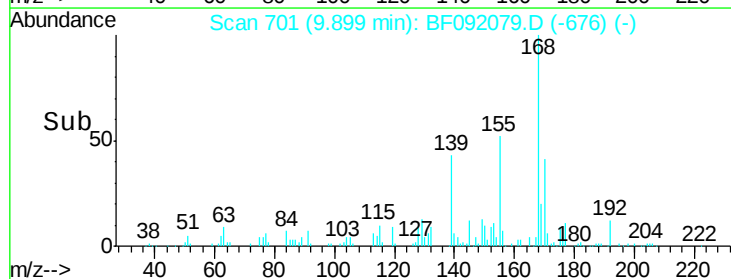
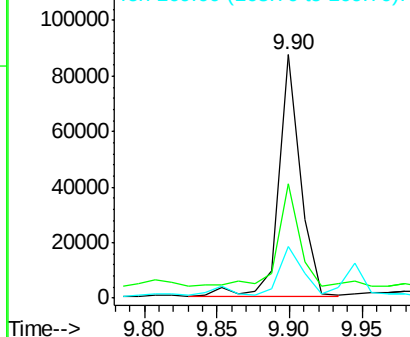


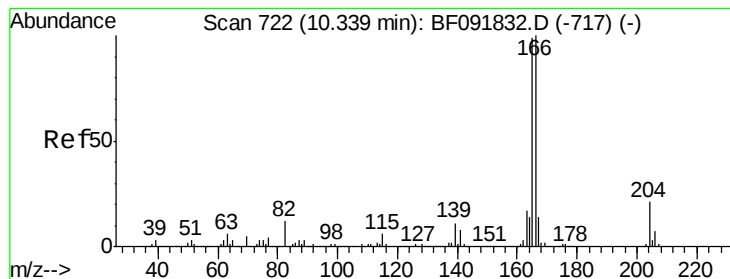
#54
Dibenzofuran
Concen: 2.87 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:168 Resp: 89643
Ion Ratio Lower Upper
168 100
139 46.7 32.6 49.0
169 21.4 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.92 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

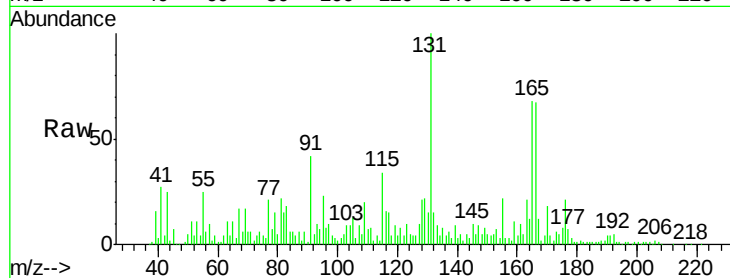
Tot Ion:166 Resp: 66391

Ion Ratio Lower Upper

166 100

165 101.3 77.8 116.8

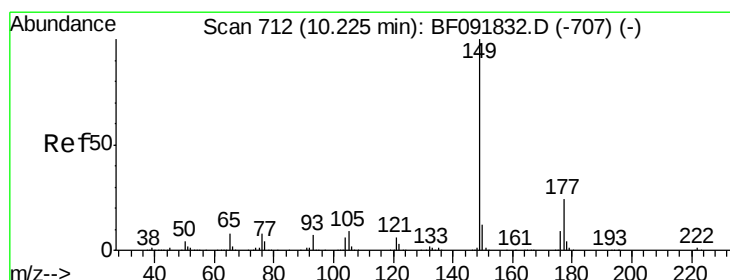
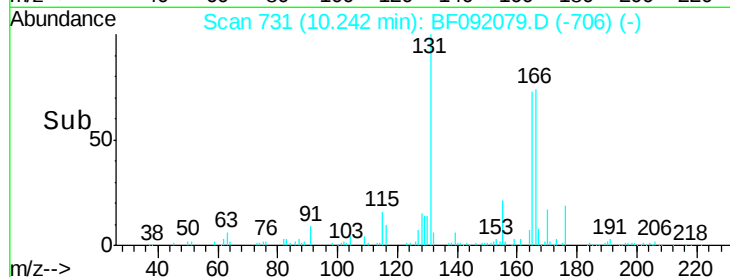
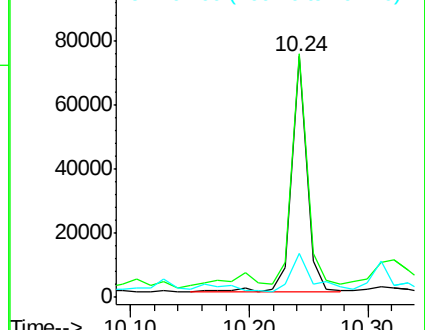
167 18.3 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 5.59 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

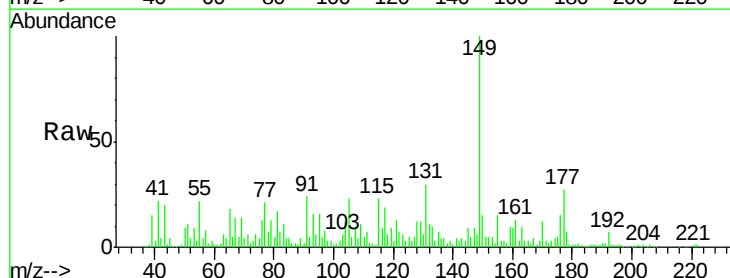
Tgt Ion:149 Resp: 141900

Ion Ratio Lower Upper

149 100

177 26.6 16.6 25.0#

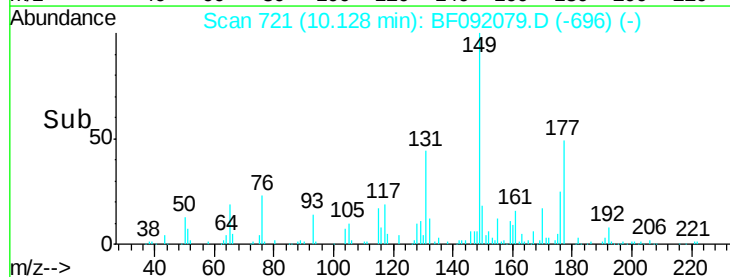
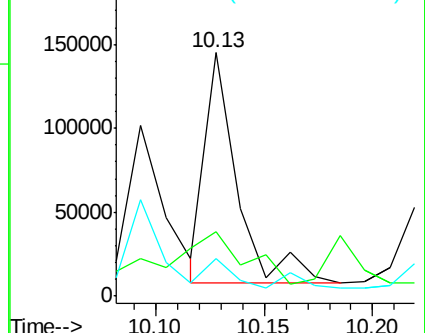
150 15.3 10.4 15.6

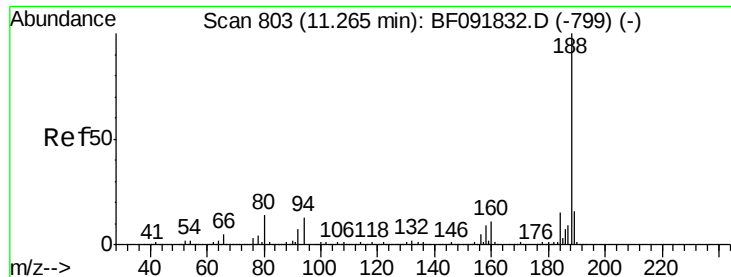


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

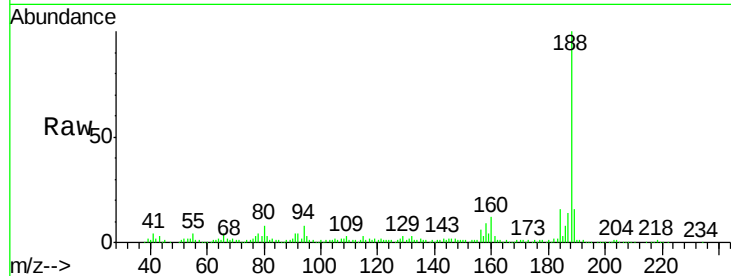
Tot Ion:188 Resp: 278409

Ion Ratio Lower Upper

188 100

94 7.8 10.0 15.0#

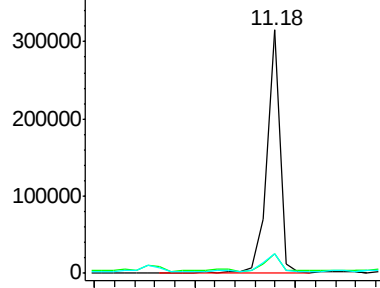
80 8.0 11.2 16.8#



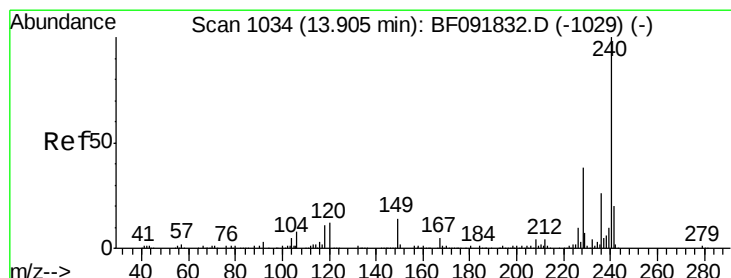
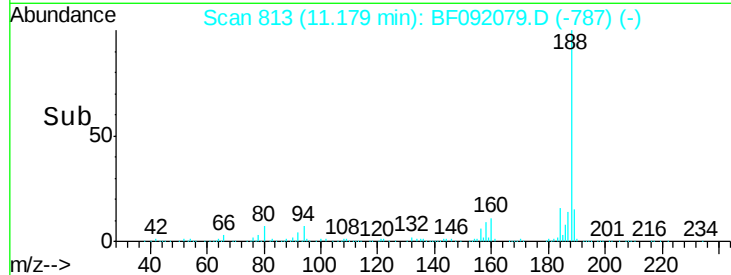
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.00 11.10 11.20



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

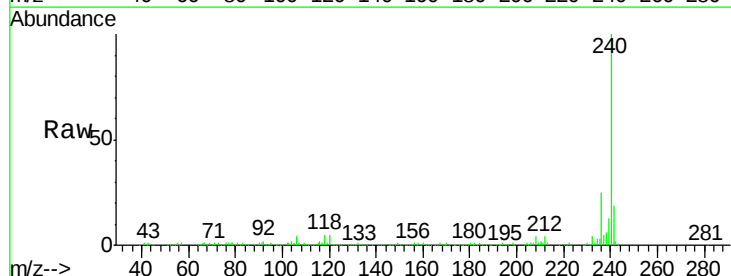
Tgt Ion:240 Resp: 218663

Ion Ratio Lower Upper

240 100

120 5.4 12.9 19.3#

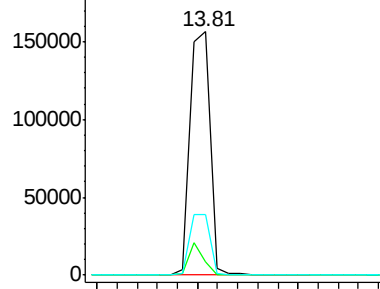
236 24.9 20.9 31.3



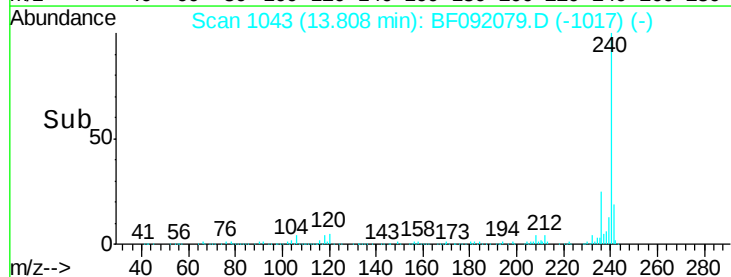
Abundance Ion 240.00 (239.70 to 240.70): E

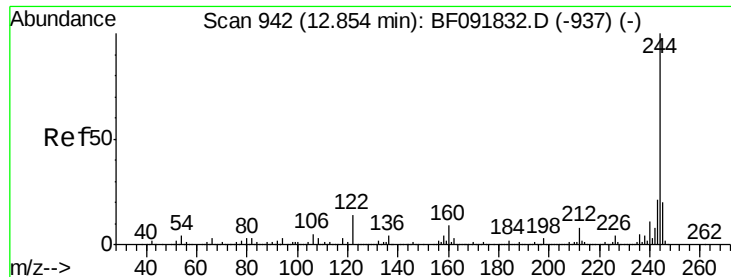
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90





#78

Terphenyl-d14

Concen: 120.42 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

Instrument :

BNA_F

ClientSampleId :

MW-18

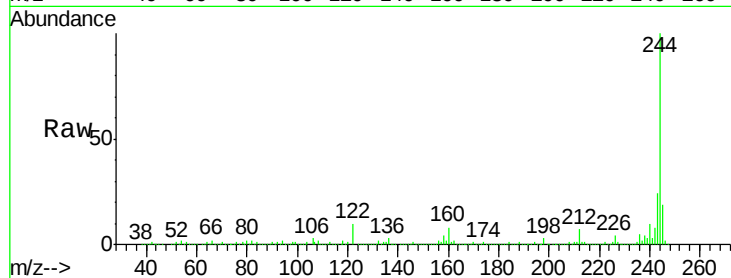
Tot Ion:244 Resp: 1085709

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

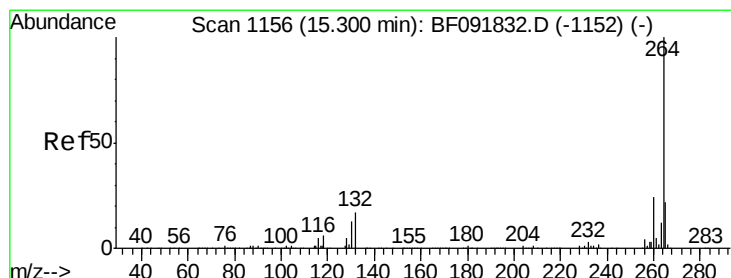
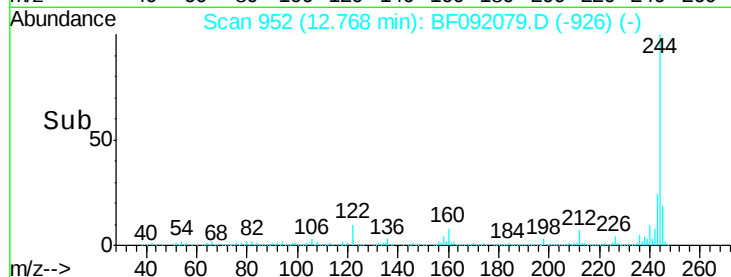
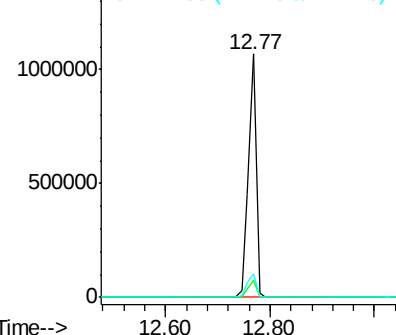
122 9.7 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF092079.D

Acq: 4 Jan 2017 20:27

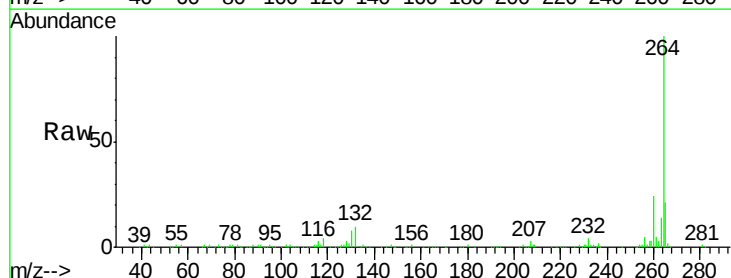
Tgt Ion:264 Resp: 178460

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.1 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

