

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092078.D
 Acq On : 4 Jan 2017 19:59
 Operator : UM/SJ
 Sample : I1004-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: Jan 05 00:30:47 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

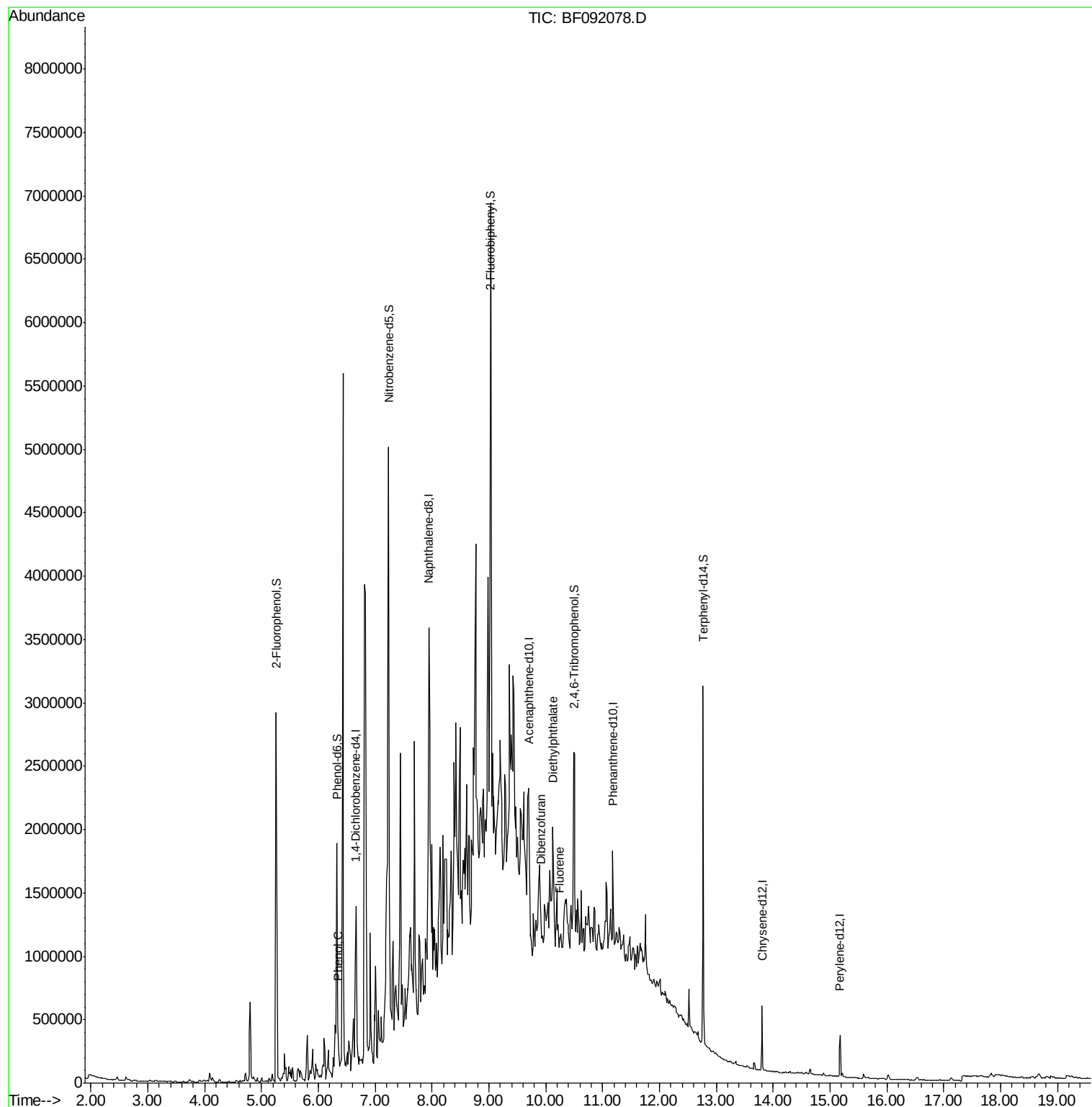
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	210737	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	712844	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	214073	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	243633	20.00	ng	0.00
75) Chrysene-d12	13.81	240	195851	20.00	ng	0.00
86) Perylene-d12	15.18	264	155208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	962576	76.27	ng	0.00
7) Phenol-d6	6.33	99	1007001	65.35	ng	0.00
23) Nitrobenzene-d5	7.24	82	1503317	117.27	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	277250	156.50	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	2036814	214.62	ng	0.00
78) Terphenyl-d14	12.77	244	870242	107.76	ng	0.00
Target Compounds						
10) Phenol	6.34	94	76589	4.36	ng	# 71
54) Dibenzofuran	9.91	168	34568	2.11	ng	# 55
57) Fluorene	10.24	166	25342	2.13	ng	# 84
59) Diethylphthalate	10.13	149	69629	5.24	ng	# 61

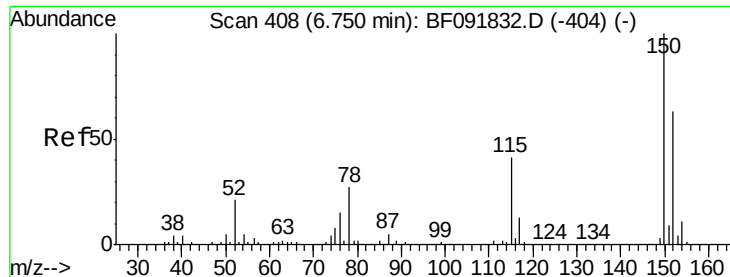
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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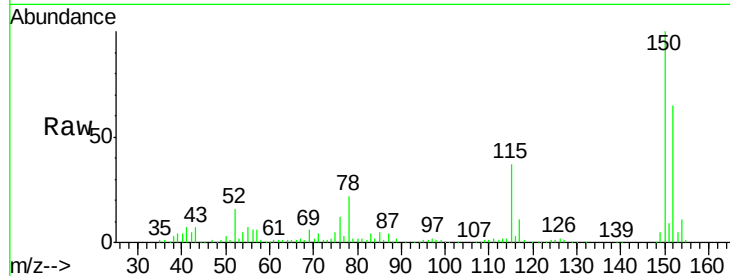


#1

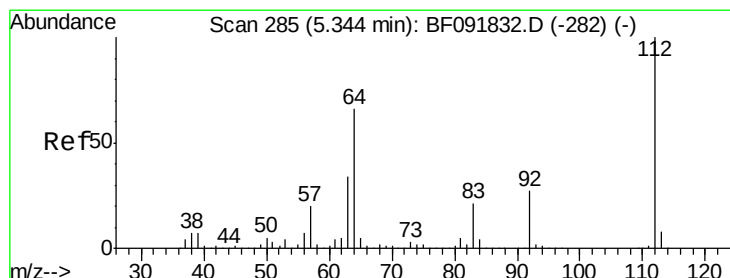
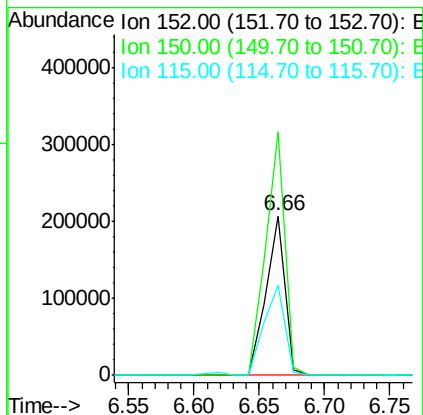
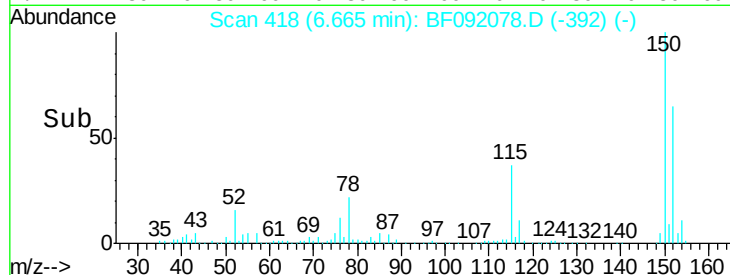
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092078.D
 Acq: 4 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.9	187.3
115	56.7	46.0	69.0



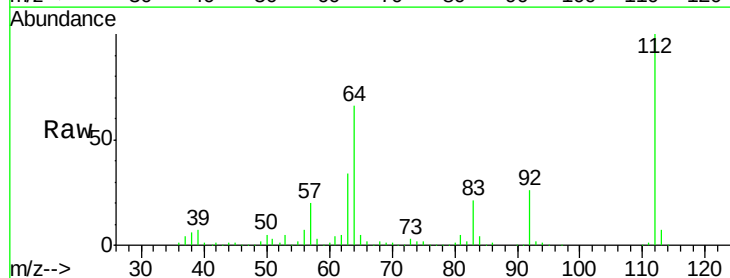
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



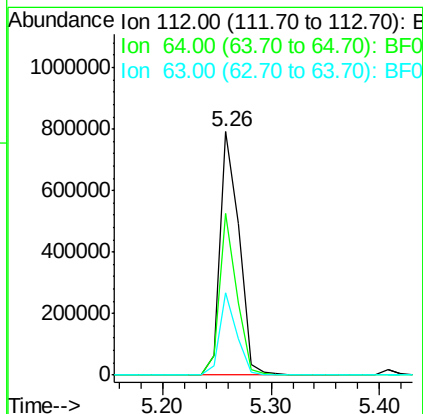
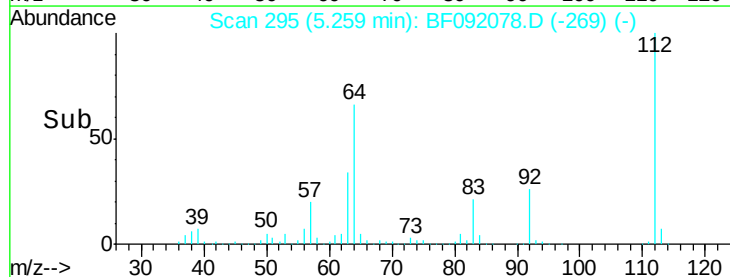
#5

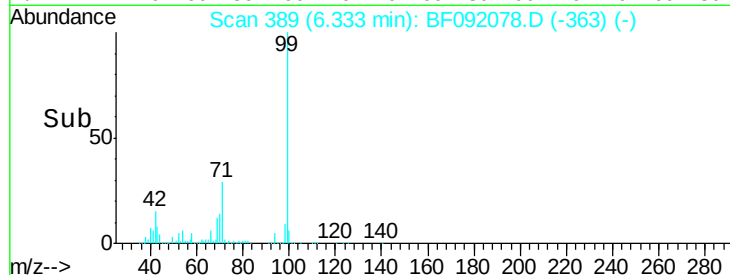
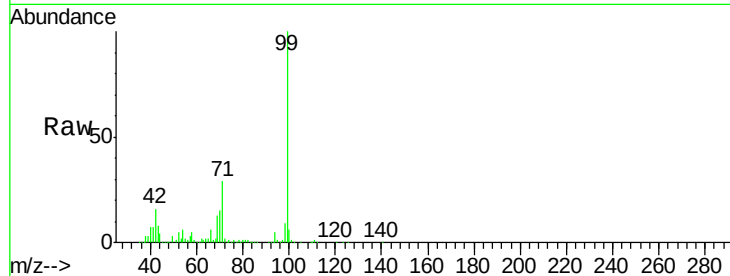
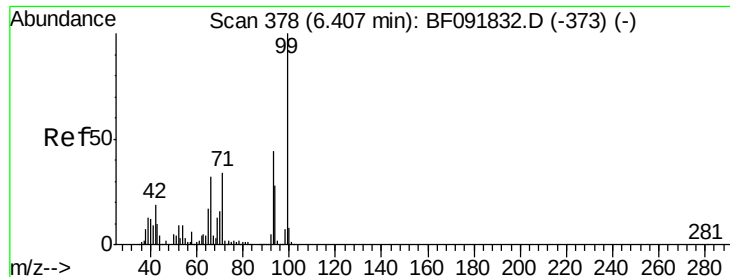
2-Fluorophenol
 Concen: 76.27 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BF092078.D
 Acq: 4 Jan 2017 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.1	69.1
63	33.9	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: 65.35 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

MW-33

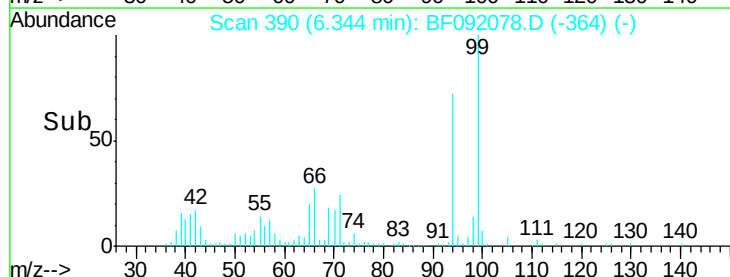
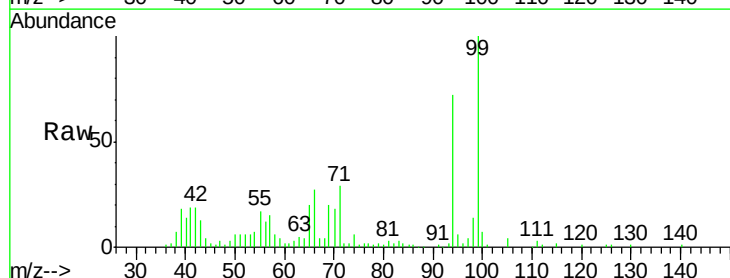
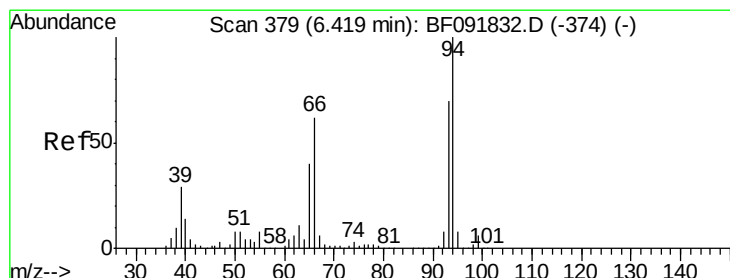
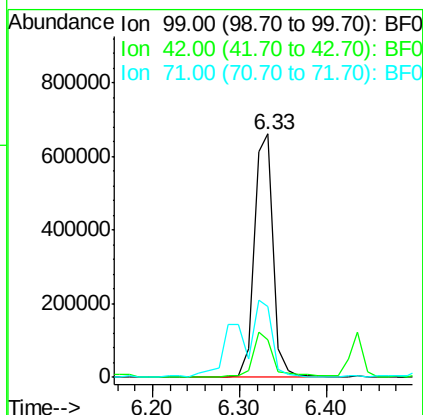
Tot Ion: 99 Resp: 1007001

Ion Ratio Lower Upper

99 100

42 15.5 15.6 23.4#

71 29.3 27.5 41.3



#10

Phenol

Concen: 4.36 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

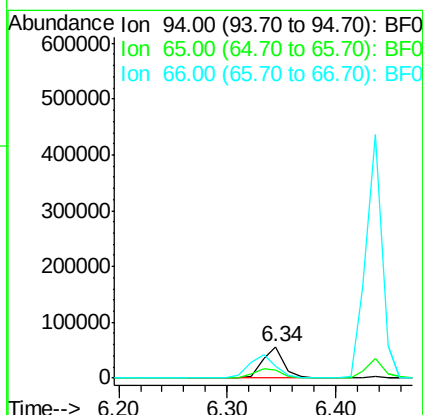
Tgt Ion: 94 Resp: 76589

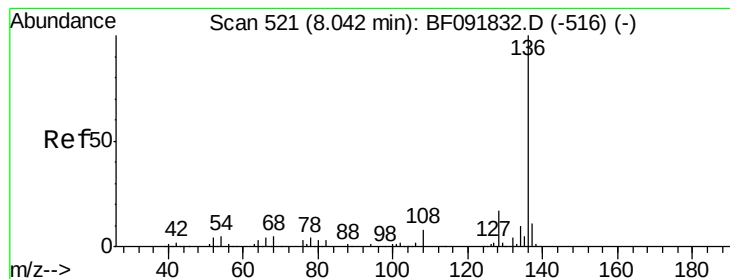
Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 37.6 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

MW-33

Tot Ion:136 Resp: 712844

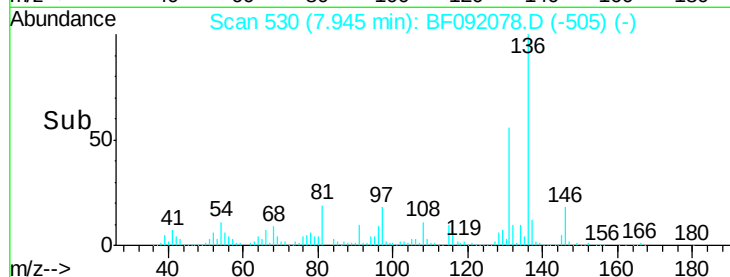
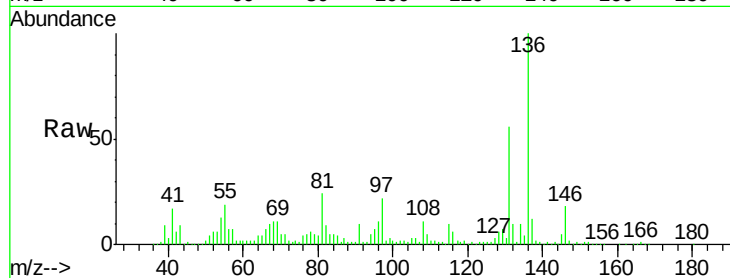
Ion Ratio Lower Upper

136 100

137 12.3 8.4 12.6

54 12.6 4.5 6.7#

68 11.2 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

Time-->

7.90 7.95 8.00

600000

400000

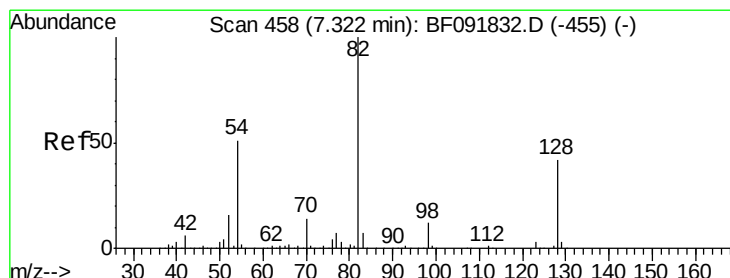
200000

0

7.94

Time-->

7.90 7.95 8.00



#23

Nitrobenzene-d5

Concen: 117.27 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

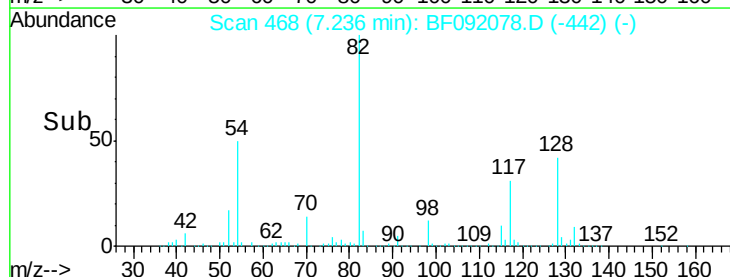
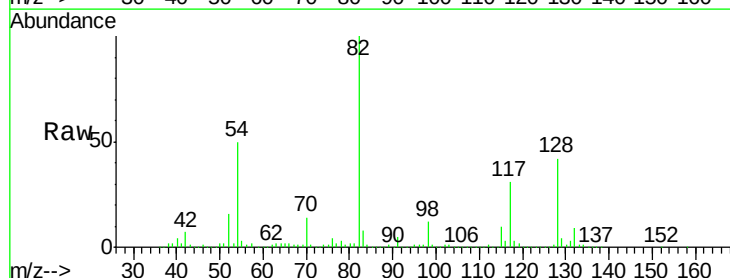
Tgt Ion: 82 Resp: 1503317

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

54 50.3 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

Time-->

7.10 7.15 7.20 7.25 7.30

1500000

1000000

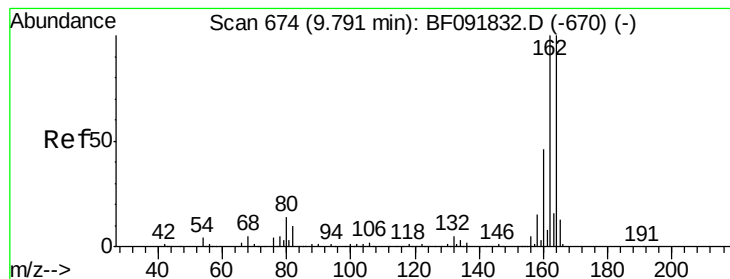
500000

0

7.24

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

MW-33

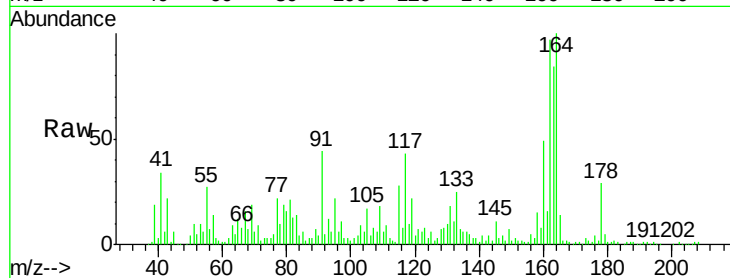
Tot Ion:164 Resp: 214073

Ion Ratio Lower Upper

164 100

162 96.6 80.2 120.2

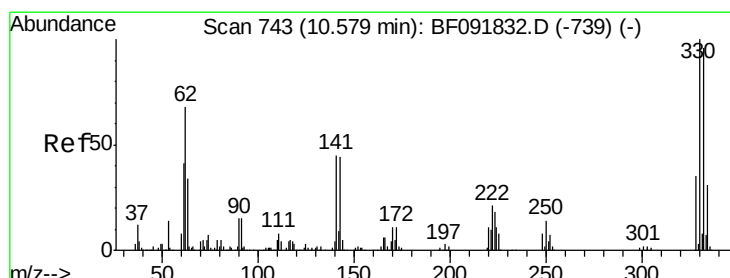
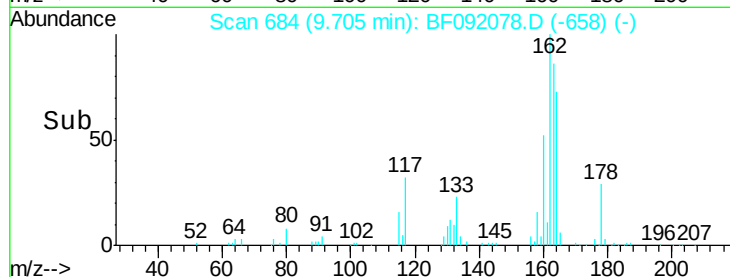
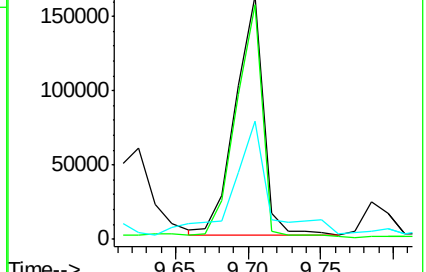
160 48.7 36.9 55.3



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: 156.50 ng

RT: 10.50 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

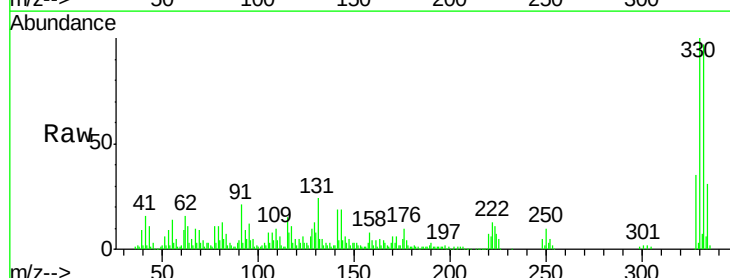
Tgt Ion:330 Resp: 277250

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

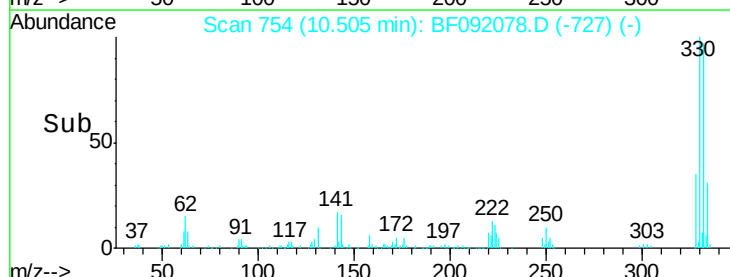
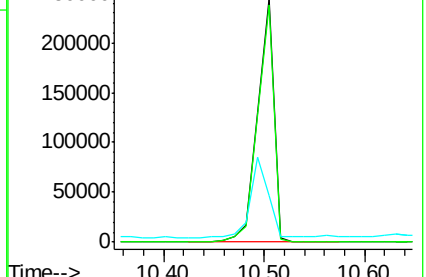
141 36.7 34.1 51.1

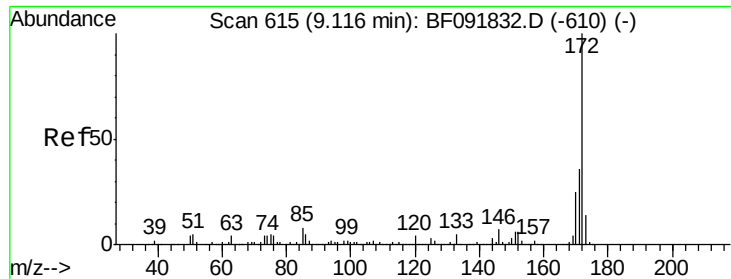


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 214.62 ng

RT: 9.03 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

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ClientSampleId :

MW-33

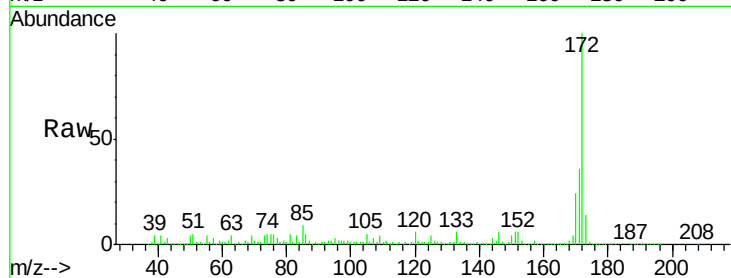
Tot Ion:172 Resp: 2036814

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

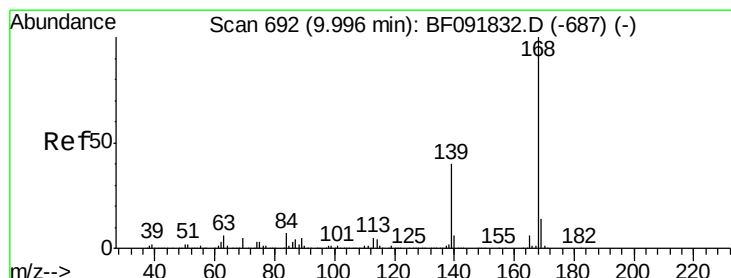
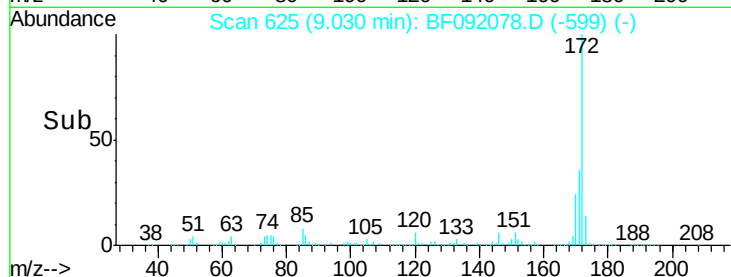
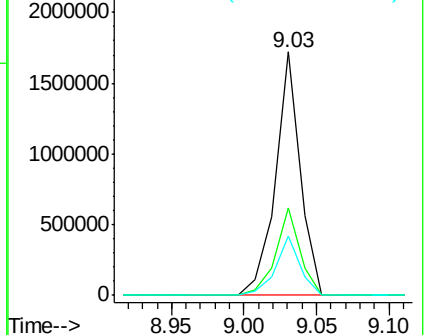
170 24.5 20.2 30.4



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: 2.11 ng

RT: 9.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

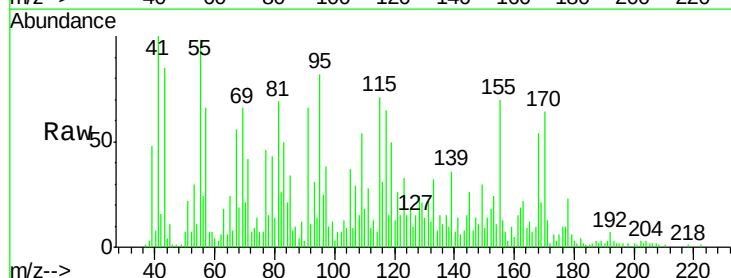
Tgt Ion:168 Resp: 34568

Ion Ratio Lower Upper

168 100

139 65.7 32.6 49.0#

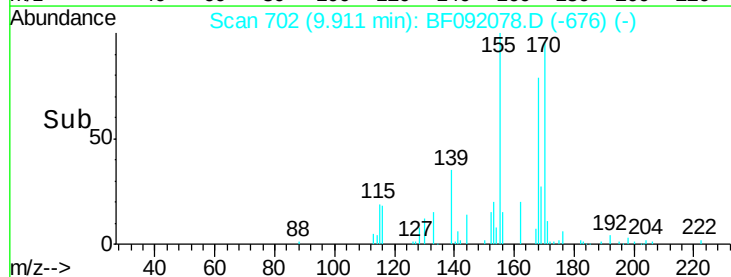
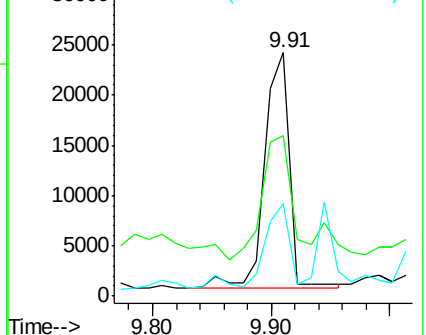
169 38.0 11.3 16.9#

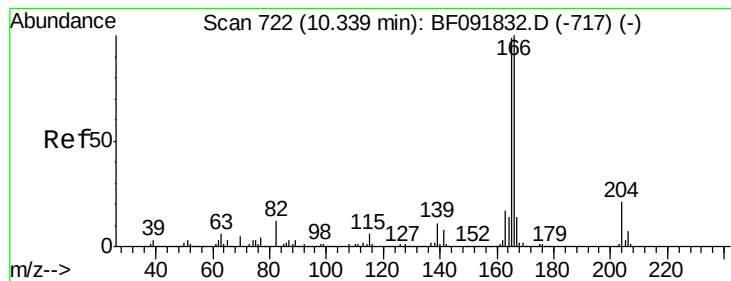


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.13 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

MW-33

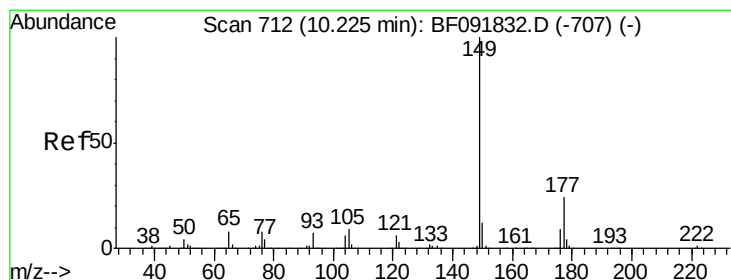
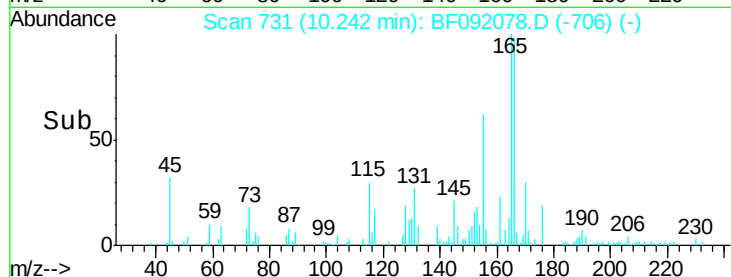
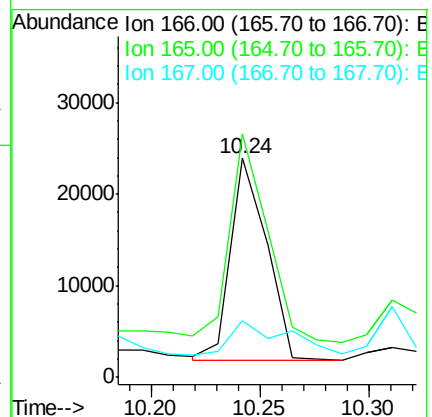
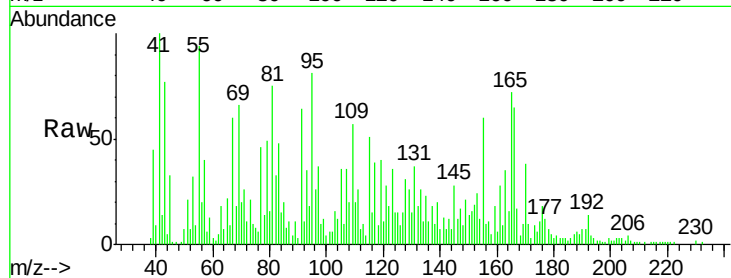
Tot Ion:166 Resp: 25342

Ion Ratio Lower Upper

166 100

165 111.1 77.8 116.8

167 25.8 10.8 16.2#



#59

Diethylphthalate

Concen: 5.24 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

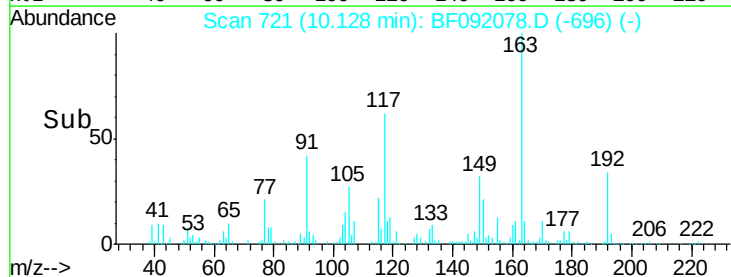
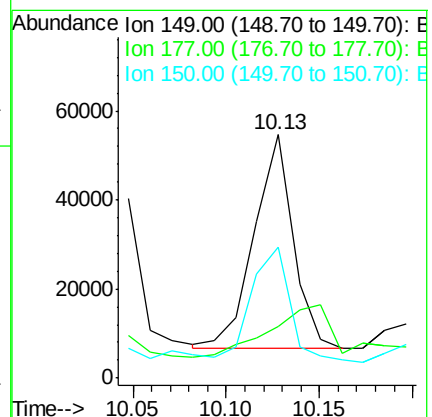
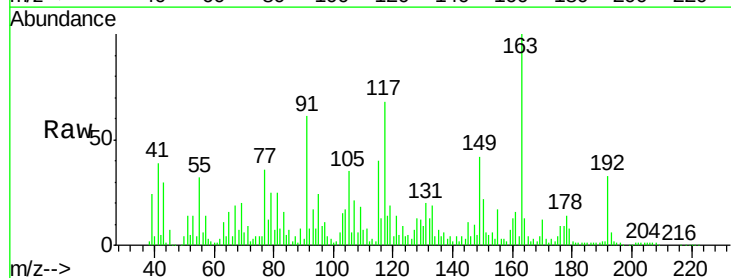
Tgt Ion:149 Resp: 69629

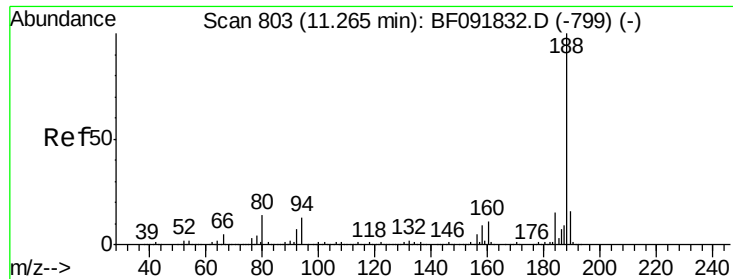
Ion Ratio Lower Upper

149 100

177 21.0 16.6 25.0

150 53.6 10.4 15.6#

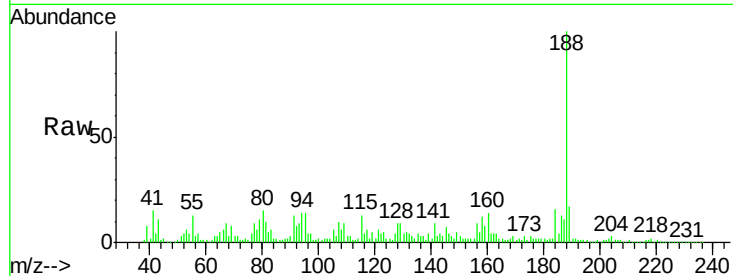




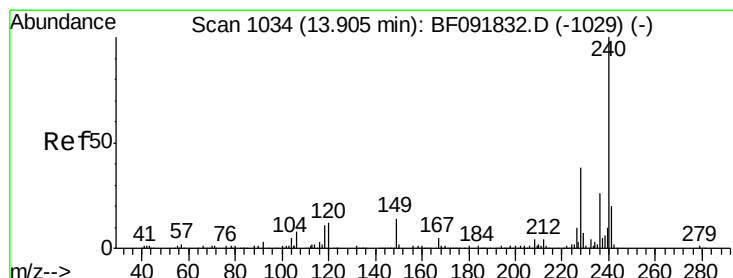
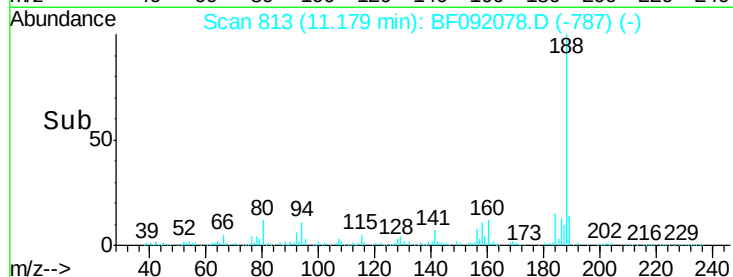
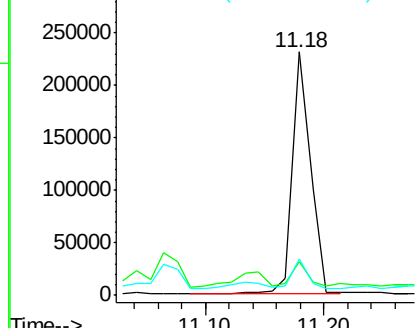
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092078.D
Acq: 4 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
MW-33

Tot Ion:188 Resp: 243633
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 14.8 11.2 16.8

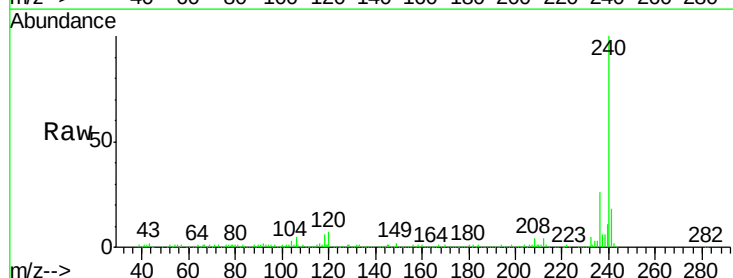


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

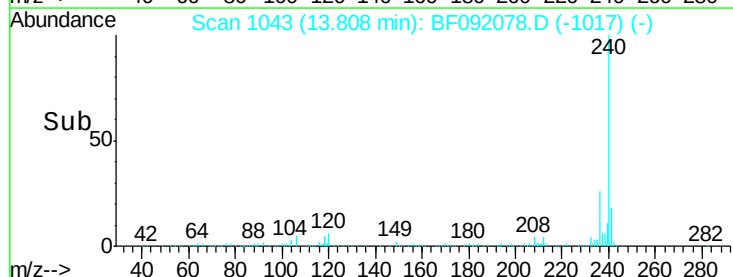
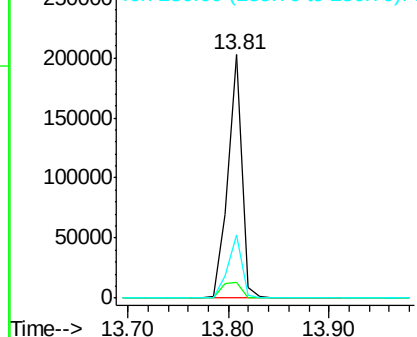


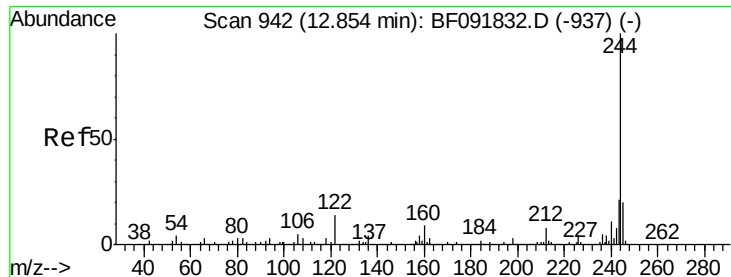
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092078.D
Acq: 4 Jan 2017 19:59

Tgt Ion:240 Resp: 195851
Ion Ratio Lower Upper
240 100
120 6.5 12.9 19.3#
236 26.0 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: 107.76 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092078.D

Acq: 4 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

MW-33

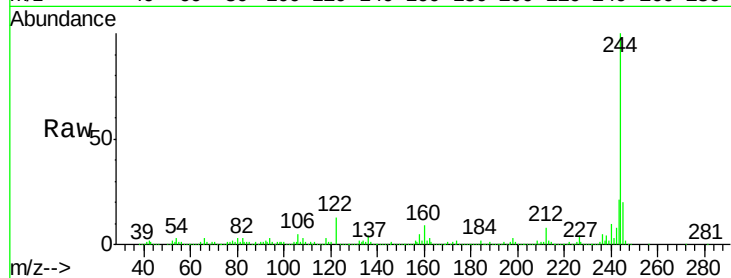
Tot Ion:244 Resp: 870242

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

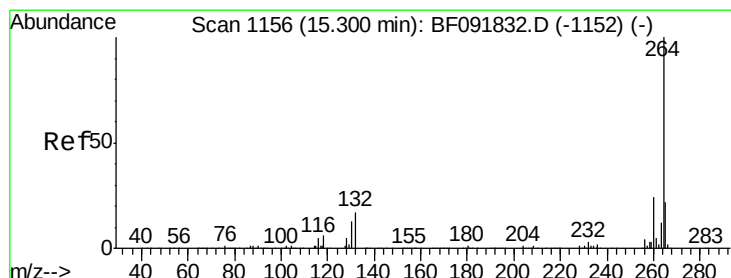
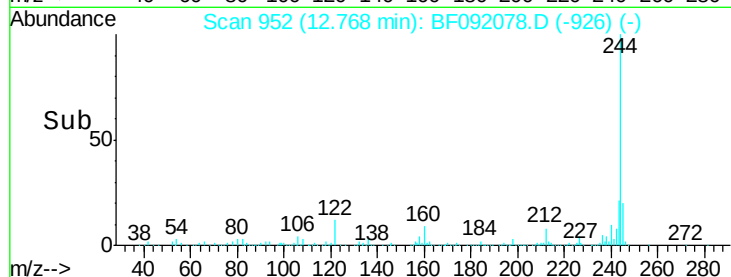
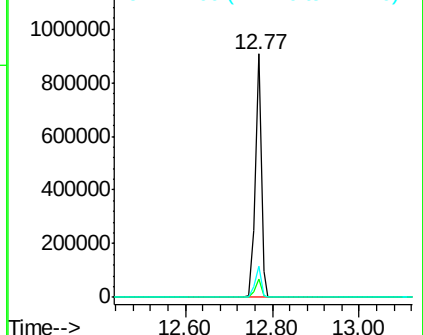
122 12.7 11.4 17.2



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: BF092078.D

Acq: 4 Jan 2017 19:59

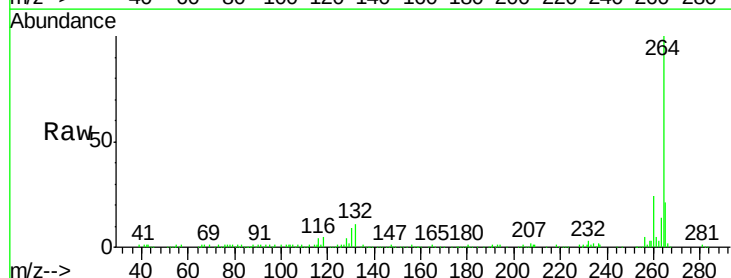
Tgt Ion:264 Resp: 155208

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.8 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

