

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092401.D
 Acq On : 21 Jan 2017 6:55
 Operator : UM/SJ
 Sample : I1266-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Jan 23 00:10:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jan 22 23:53:24 2017
 Response via : Initial Calibration

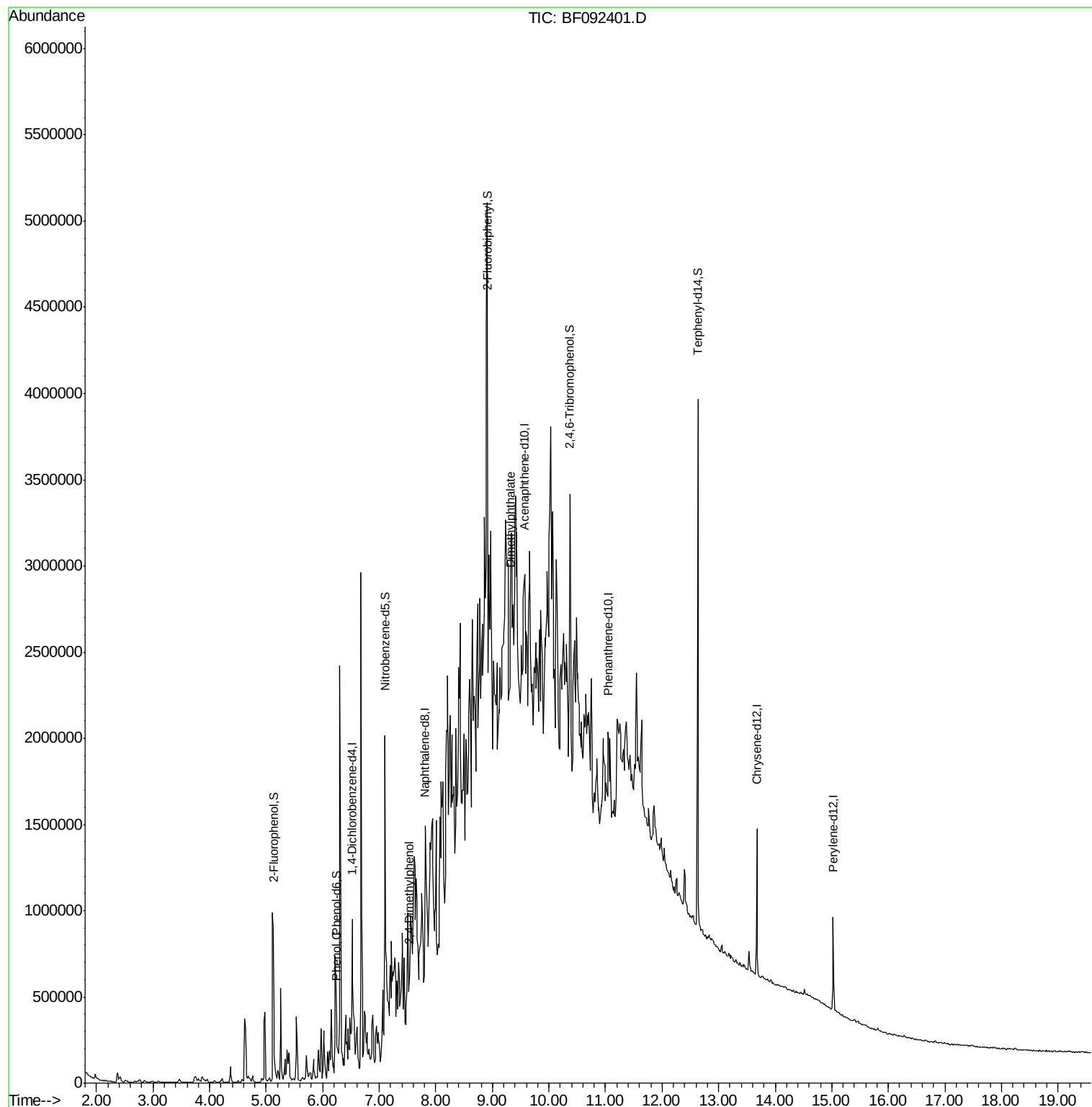
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	113920	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	402809	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	235870	20.00	ng	0.01
63) Phenanthrene-d10	11.06	188	241912	20.00	ng	0.02
75) Chrysene-d12	13.67	240	302321	20.00	ng	0.00
86) Perylene-d12	15.02	264	216621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	506254	74.20	ng	0.02
7) Phenol-d6	6.23	99	350058	42.02	ng	0.03
23) Nitrobenzene-d5	7.10	82	674563	93.12	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	177023	90.69	ng	0.02
44) 2-Fluorobiphenyl	8.91	172	1215694	109.29	ng	0.01
78) Terphenyl-d14	12.63	244	1052702	84.45	ng	0.01
Target Compounds						
10) Phenol	6.24	94	32997	3.48	ng	90
27) 2,4-Dimethylphenol	7.52	122	33272	5.27	ng	94
49) Dimethylphthalate	9.32	163	70547	4.68	ng	# 70

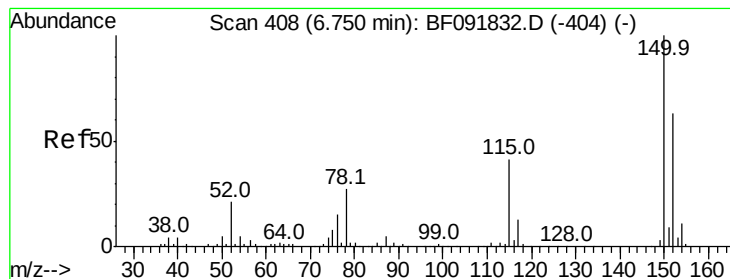
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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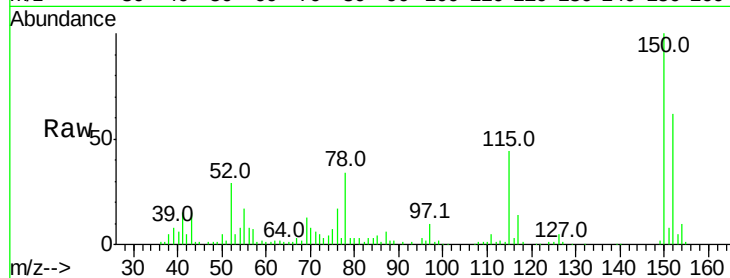


#1

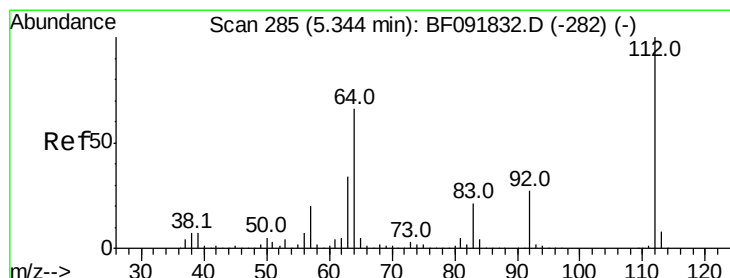
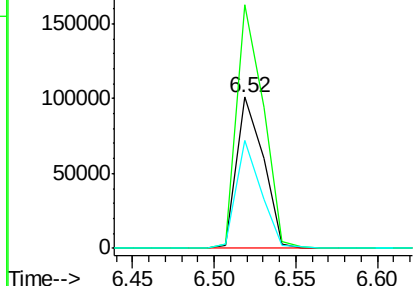
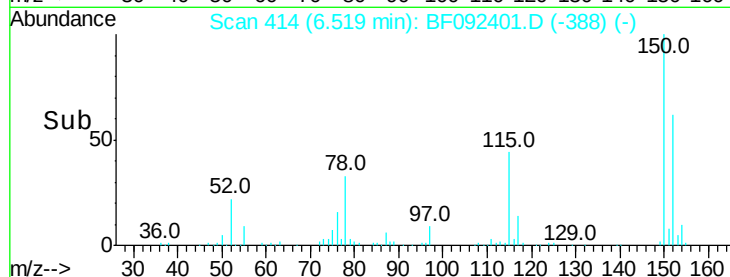
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:152 Resp: 113920
Ion Ratio Lower Upper
152 100
150 160.8 124.9 187.3
115 71.5 46.0 69.0#



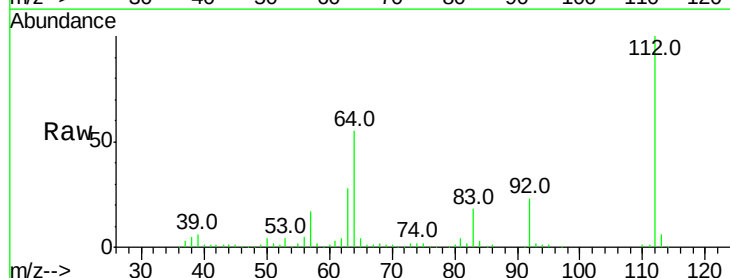
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



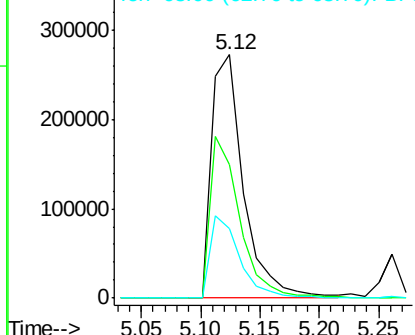
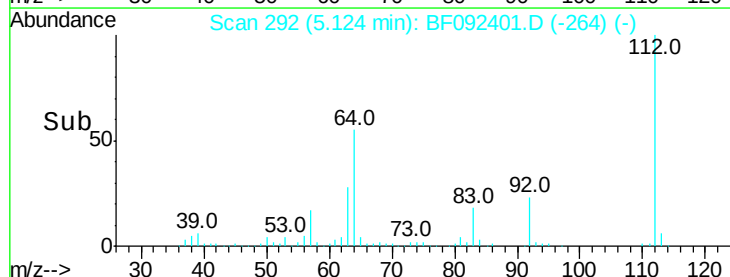
#5

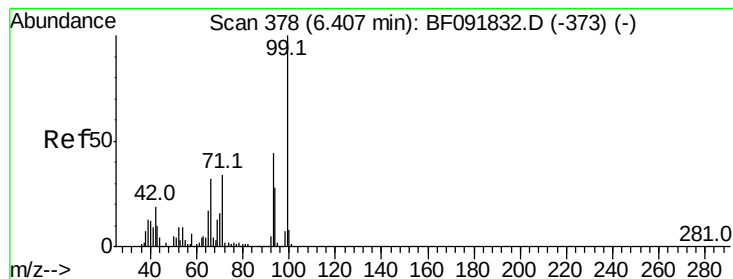
2-Fluorophenol
Concen: 74.20 ng
RT: 5.12 min Scan# 292
Delta R.T. 0.02 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion:112 Resp: 506254
Ion Ratio Lower Upper
112 100
64 55.0 46.1 69.1
63 28.3 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: 42.02 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.03 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

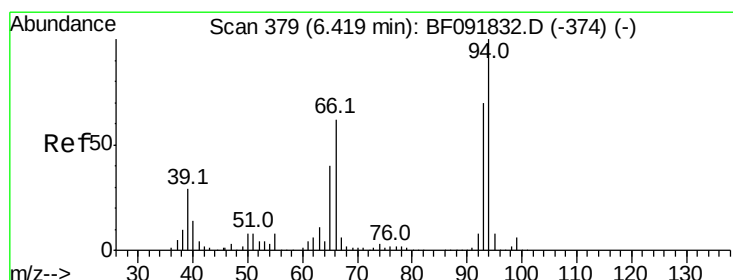
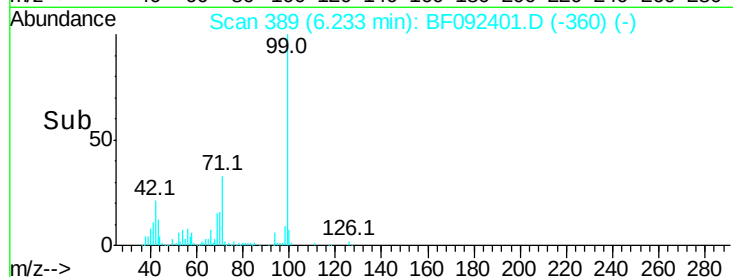
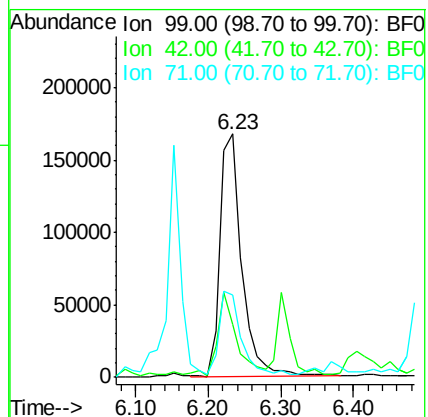
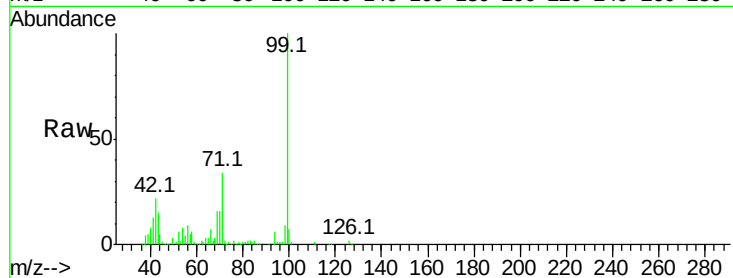
Tot Ion: 99 Resp: 350058

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

71 34.1 27.5 41.3



#10

Phenol

Concen: 3.48 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.03 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

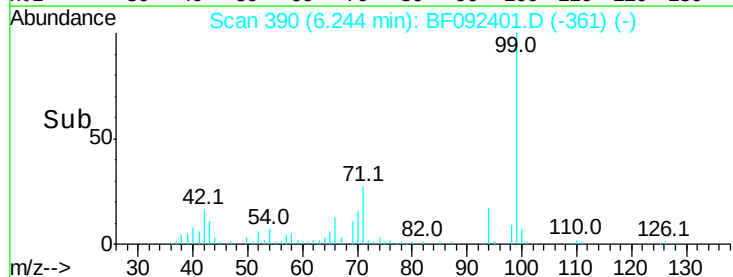
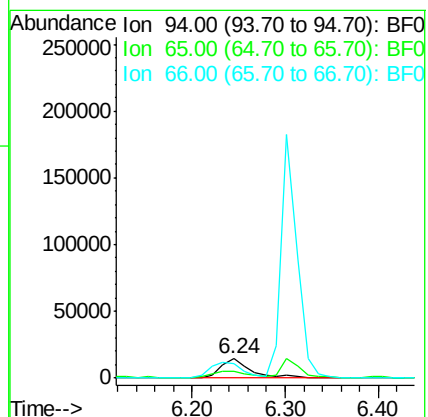
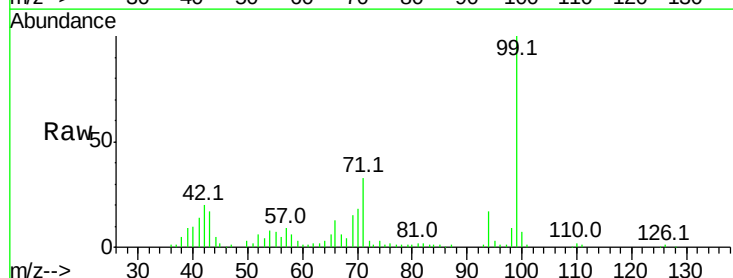
Tgt Ion: 94 Resp: 32997

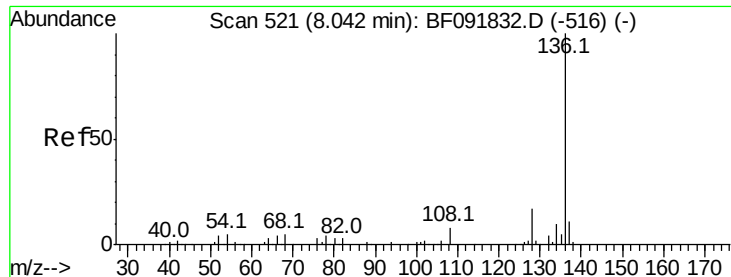
Ion Ratio Lower Upper

94 100

65 37.3 21.4 61.4

66 73.8 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

Tot Ion:136 Resp: 402809

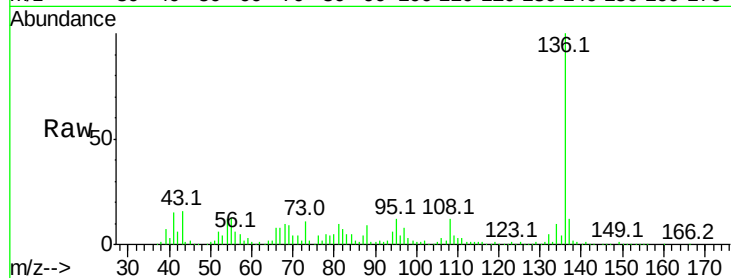
Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 12.3 4.5 6.7#

68 9.5 3.6 5.4#

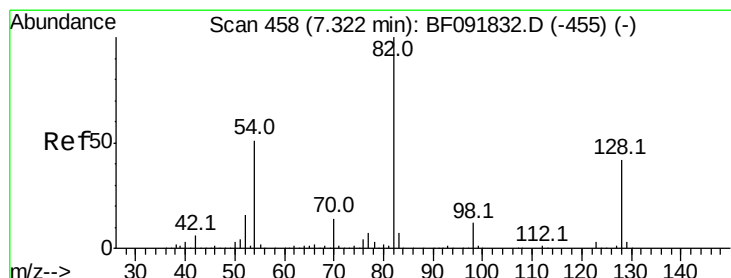
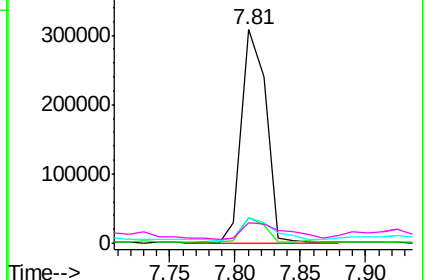
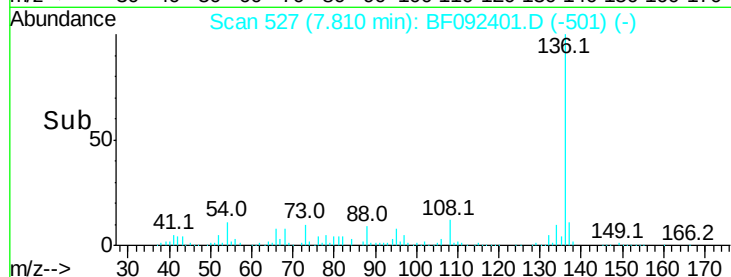


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.12 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

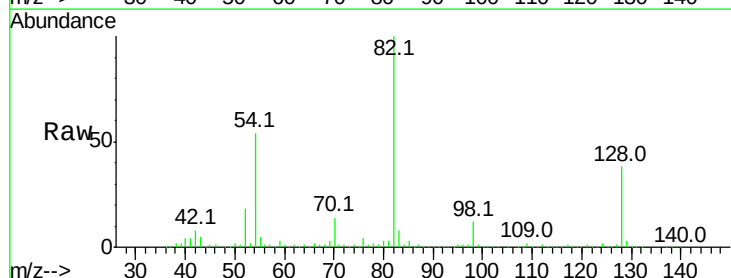
Tgt Ion: 82 Resp: 674563

Ion Ratio Lower Upper

82 100

128 37.8 34.6 52.0

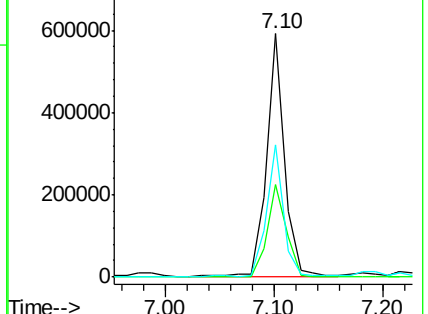
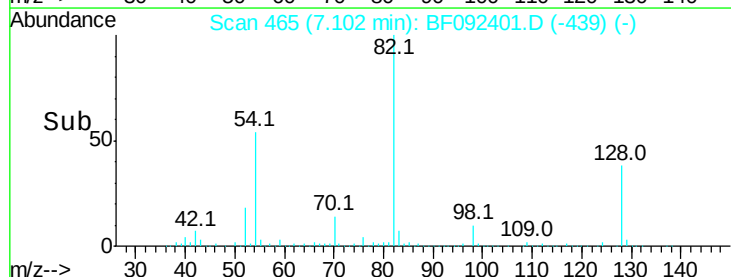
54 54.2 39.5 59.3

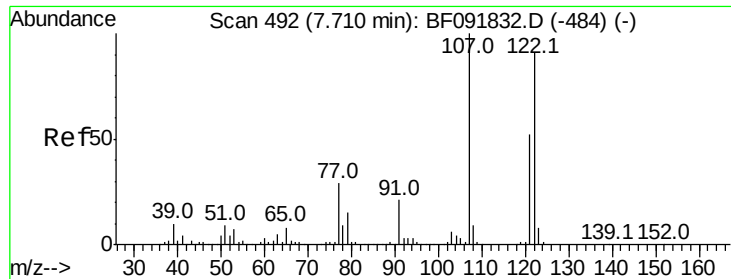


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 5.27 ng

RT: 7.52 min Scan# 502

Delta R.T. 0.02 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

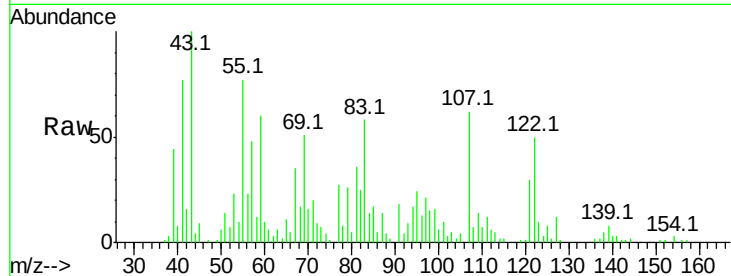
Tot Ion:122 Resp: 33272

Ion Ratio Lower Upper

122 100

107 125.3 94.1 141.1

121 60.7 46.0 69.0

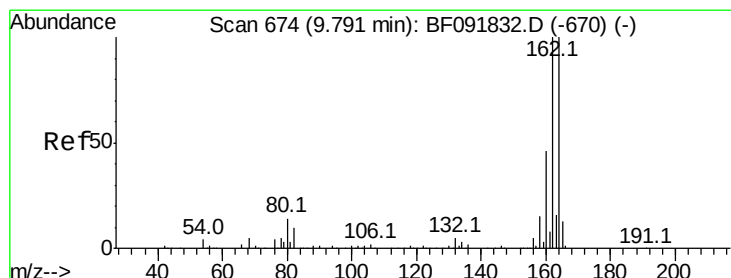
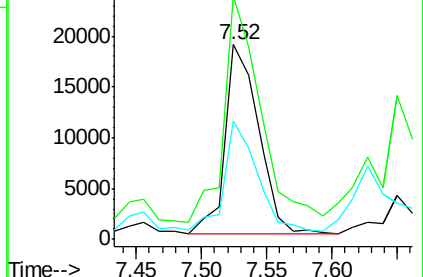
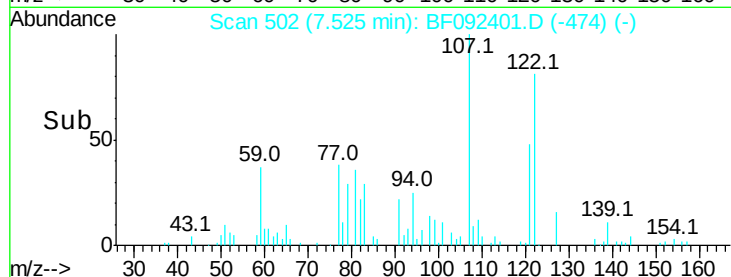


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

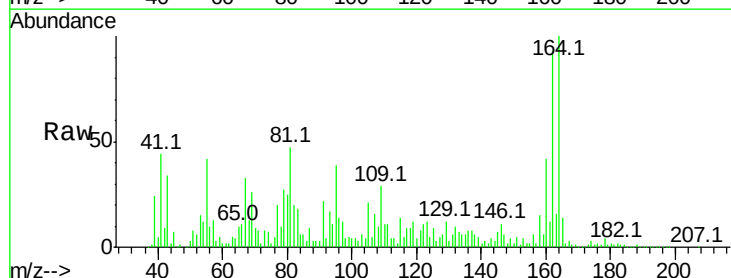
Tgt Ion:164 Resp: 235870

Ion Ratio Lower Upper

164 100

162 93.2 80.2 120.2

160 41.6 36.9 55.3

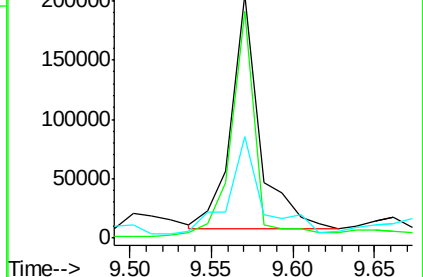
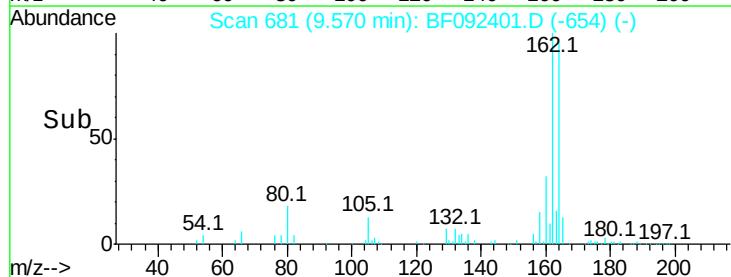


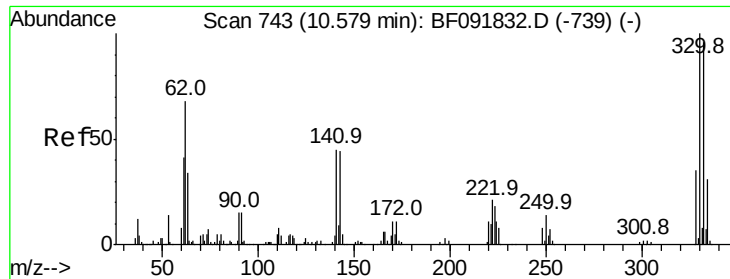
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

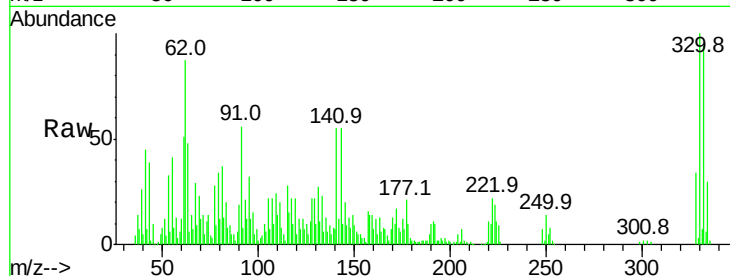




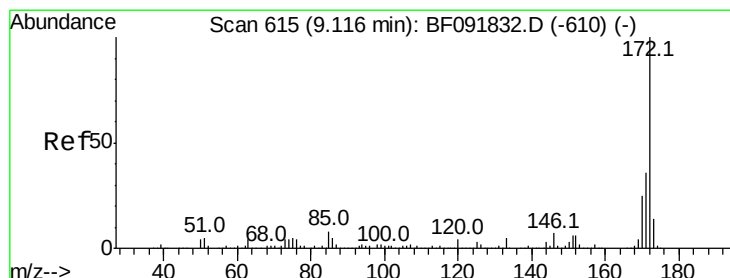
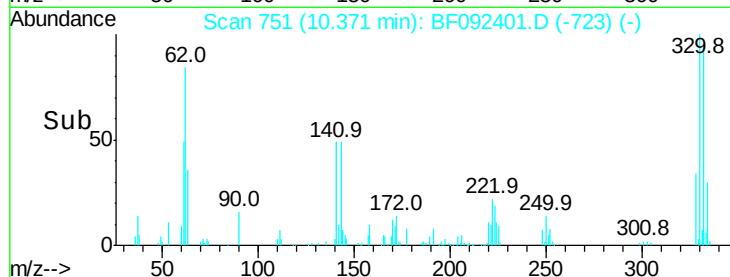
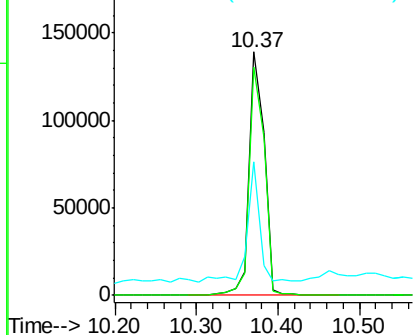
#41
 2,4,6-Tribromophenol
 Concen: 90.69 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.02 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 177023
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 41.3 34.1 51.1

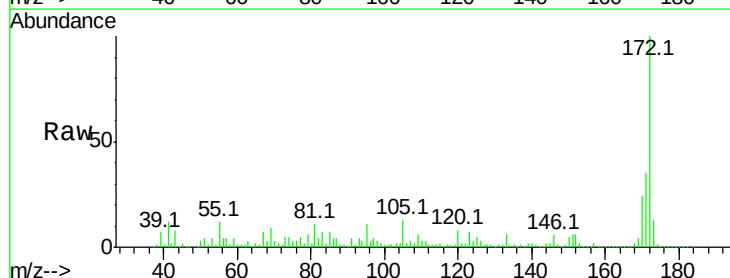


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

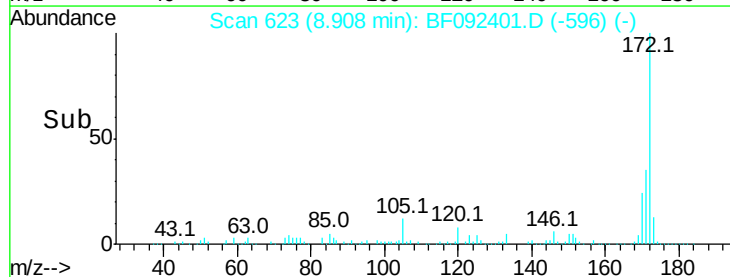
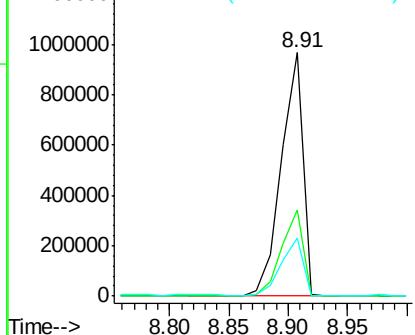


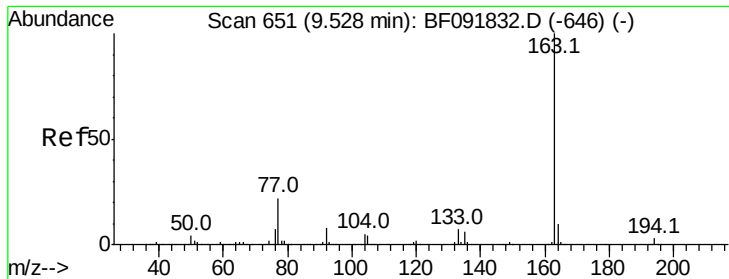
#44
 2-Fluorobiphenyl
 Concen: 109.29 ng
 RT: 8.91 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion:172 Resp: 1215694
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.0 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: 4.68 ng

RT: 9.32 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

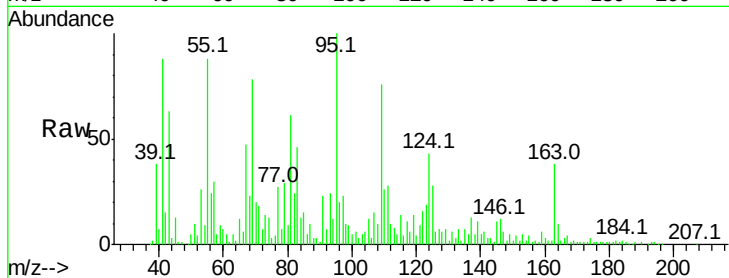
Tot Ion:163 Resp: 70547

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

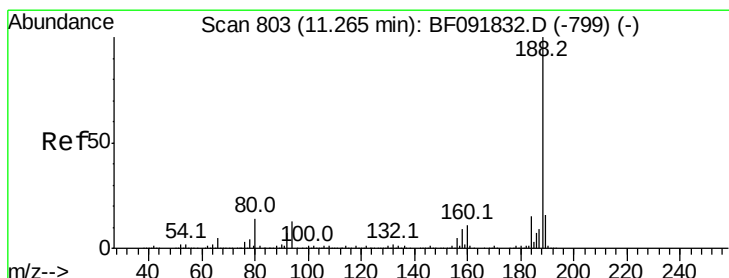
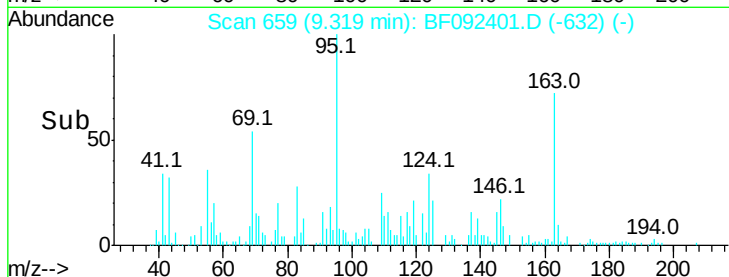
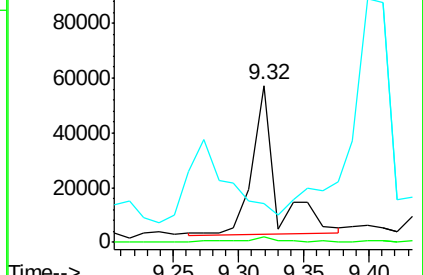
164 25.1 8.0 12.0#



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: 11.06 min Scan# 811

Delta R.T. 0.02 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

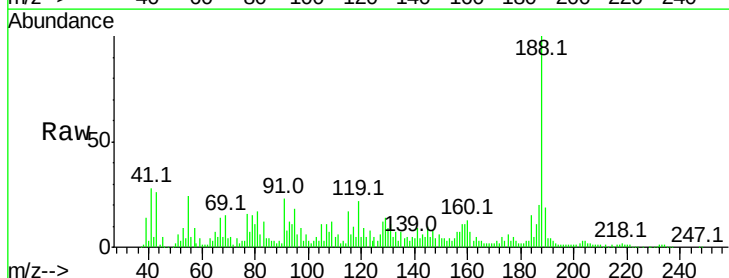
Tgt Ion:188 Resp: 241912

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

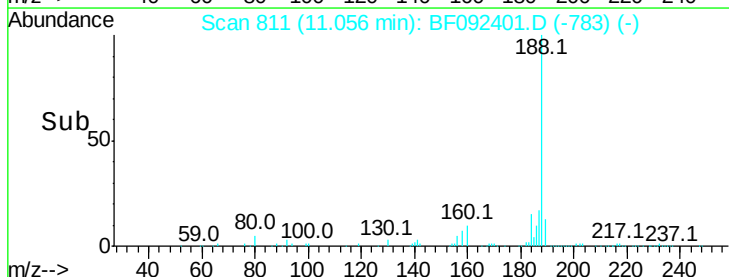
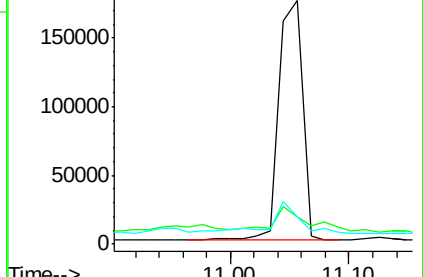
80 11.1 11.2 16.8#

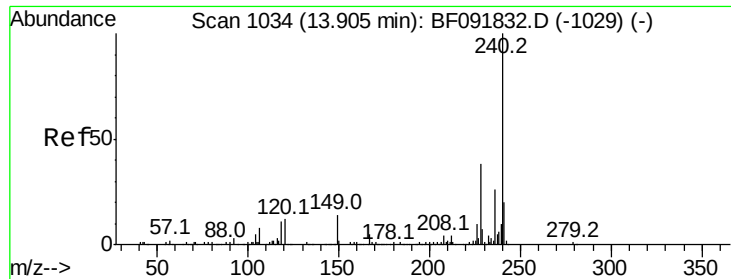


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.67 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

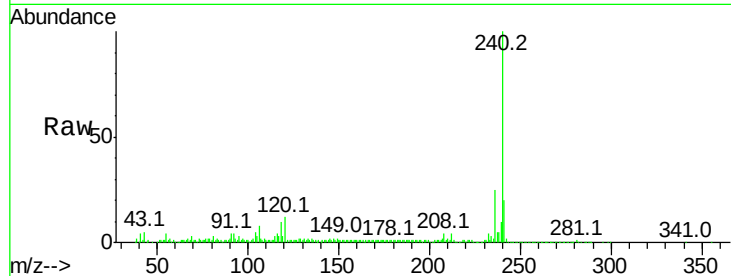
Tot Ion:240 Resp: 302321

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

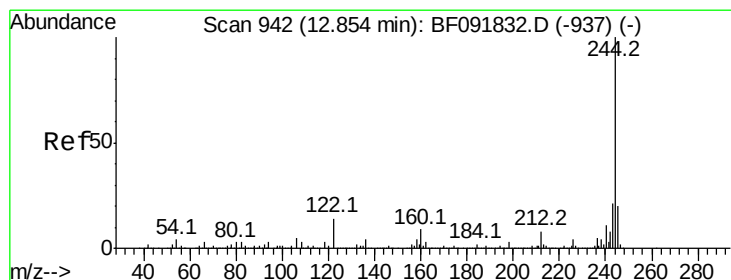
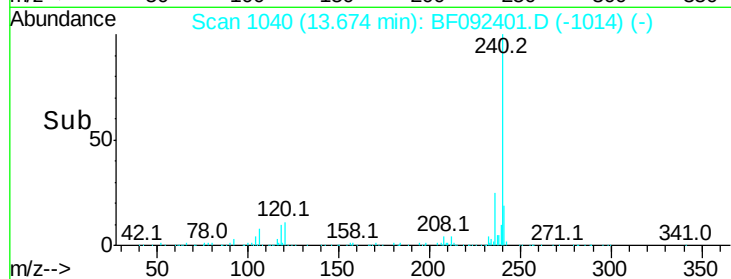
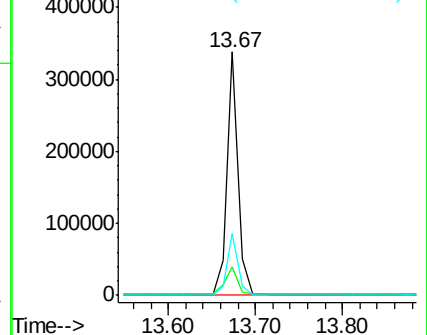
236 25.3 20.9 31.3



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: 84.45 ng

RT: 12.63 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

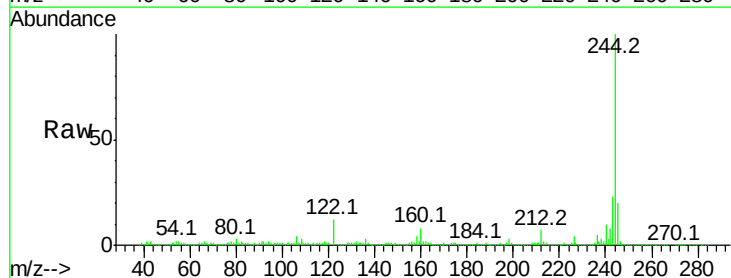
Tgt Ion:244 Resp: 1052702

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

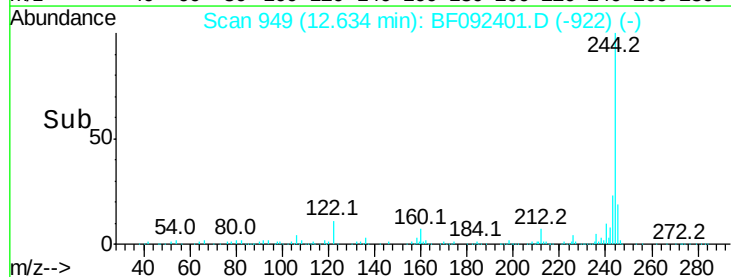
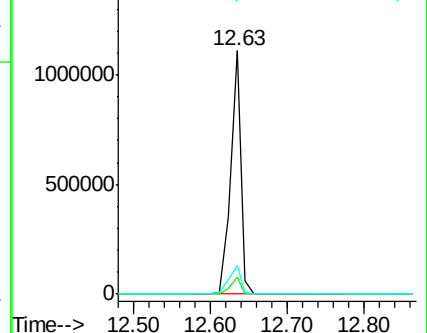
122 11.8 11.4 17.2

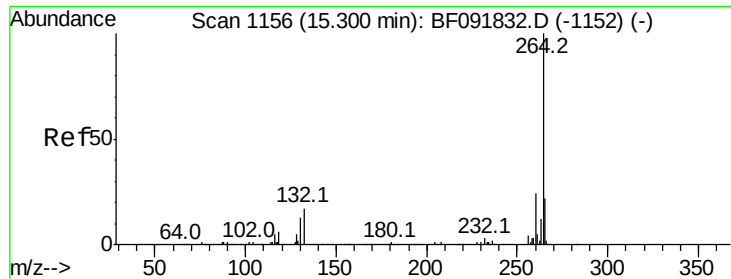


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



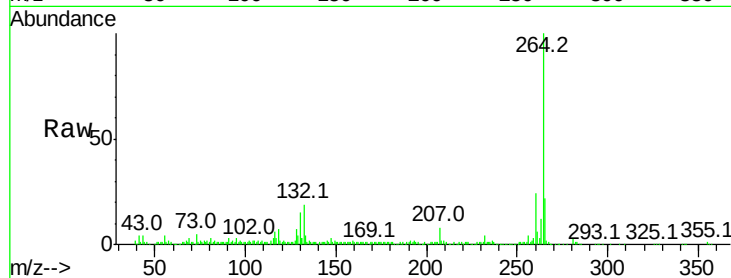


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion: 264 Resp: 216621

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	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

