

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092399.D
 Acq On : 21 Jan 2017 5:59
 Operator : UM/SJ
 Sample : I1266-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Jan 23 00:00:10 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

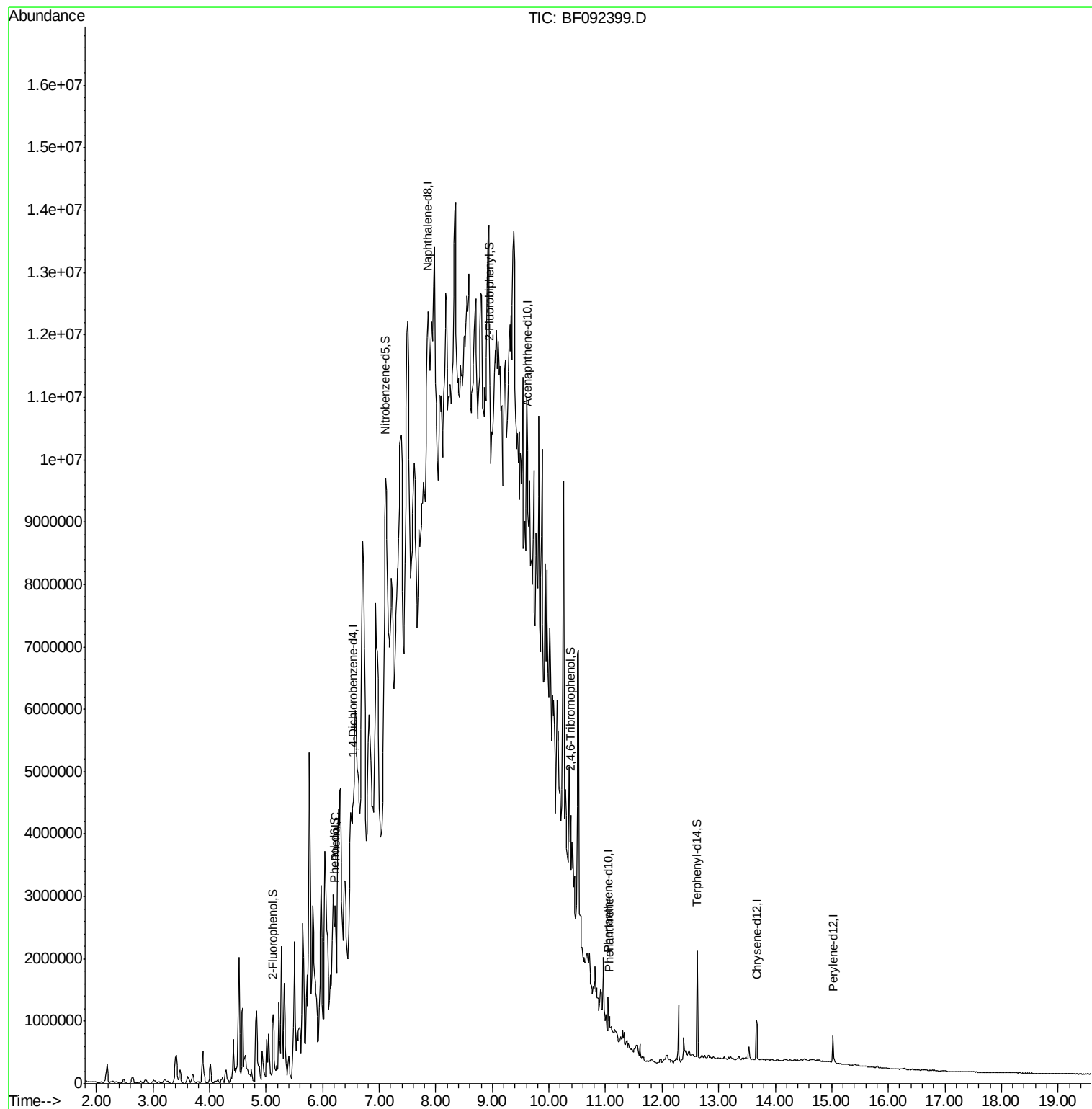
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	113528	20.00	ng	0.02
21) Naphthalene-d8	7.86	136	339262	20.00	ng	0.05
38) Acenaphthene-d10	9.62	164	106863	20.00	ng	0.06
63) Phenanthrene-d10	11.04	188	228387	20.00	ng	0.01
75) Chrysene-d12	13.67	240	334767	20.00	ng	0.00
86) Perylene-d12	15.02	264	239087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	339231	49.89	ng	0.01
7) Phenol-d6	6.21	99	226621	27.30	ng	0.01
23) Nitrobenzene-d5	7.11	82	605539	99.25	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	115634	130.75	ng	0.03
44) 2-Fluorobiphenyl	8.95	172	371020	68.66	ng	0.06
78) Terphenyl-d14	12.62	244	523390	37.92	ng	0.00
Target Compounds						
10) Phenol	6.22	94	74416	7.87	ng	# 74
37) 2-Methylnaphthalene	8.60	142	1493555	Below Cal		98
70) Phenanthrene	11.07	178	65845	5.32	ng	# 94

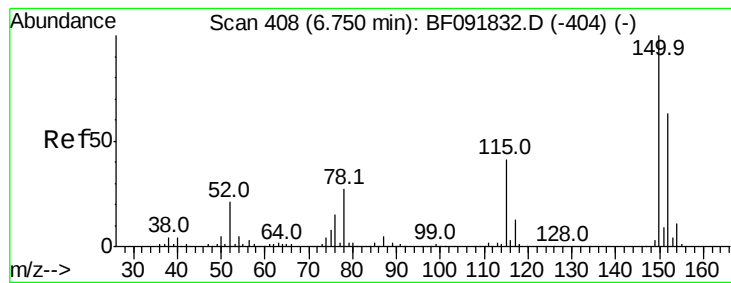
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :

BNA_F

ClientSampleId :

MW-27

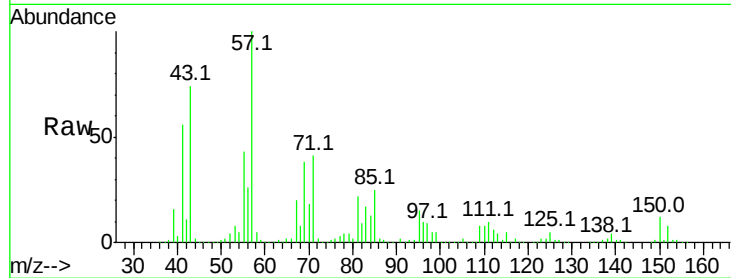
Tot Ion:152 Resp: 113528

Ion Ratio Lower Upper

152 100

150 148.0 124.9 187.3

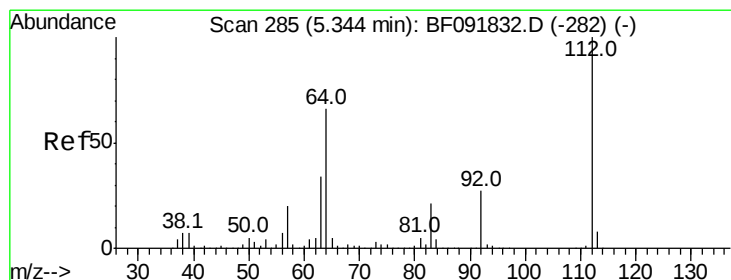
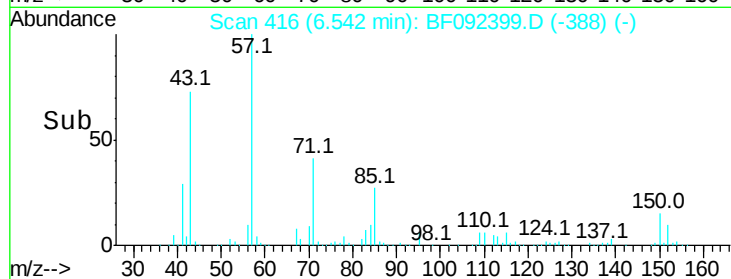
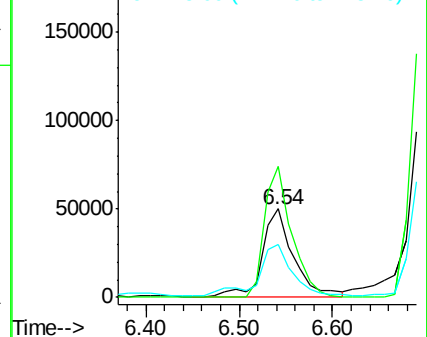
115 60.6 46.0 69.0



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: 49.89 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

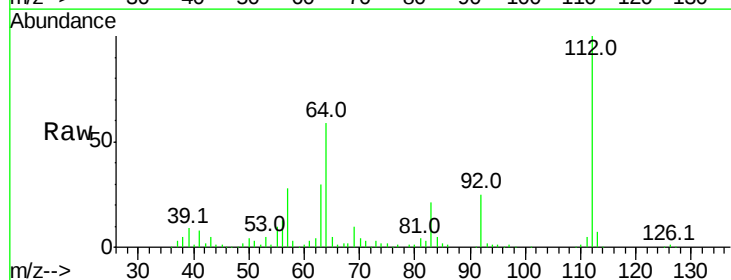
Tgt Ion:112 Resp: 339231

Ion Ratio Lower Upper

112 100

64 59.0 46.1 69.1

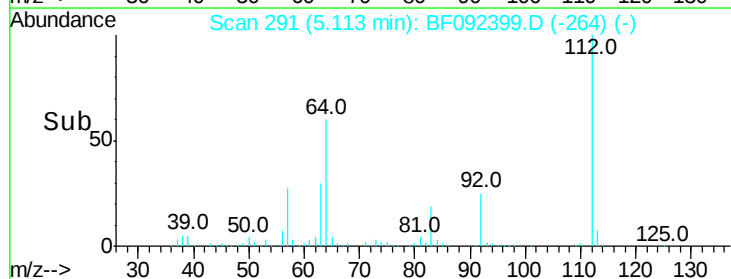
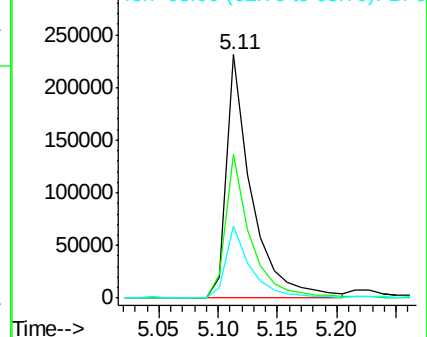
63 29.6 23.8 35.6

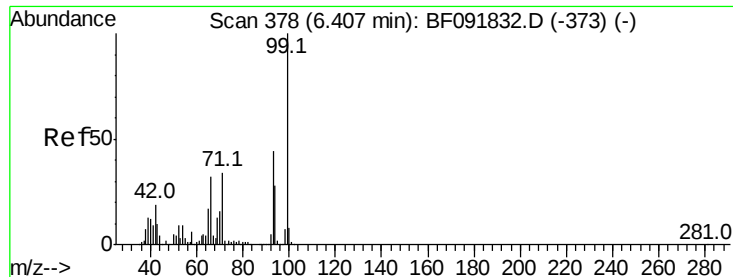


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.30 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :

BNA_F

ClientSampleId :

MW-27

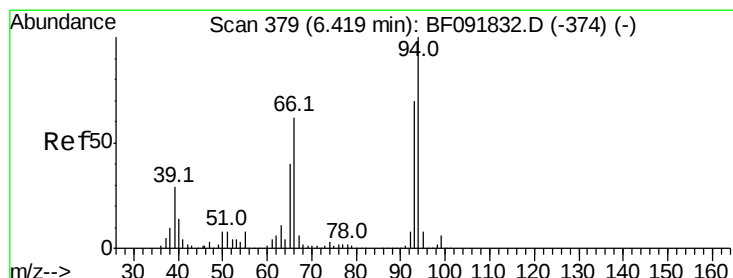
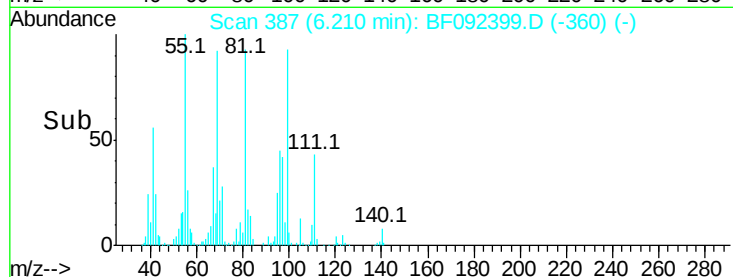
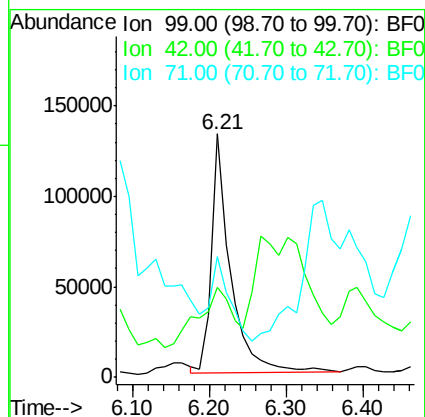
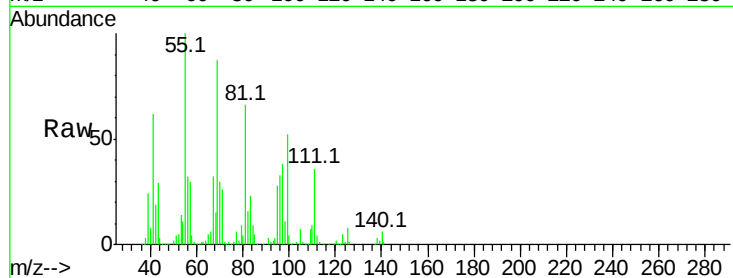
Tot Ion: 99 Resp: 226621

Ion Ratio Lower Upper

99 100

42 37.1 15.6 23.4#

71 49.7 27.5 41.3#



#10

Phenol

Concen: 7.87 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

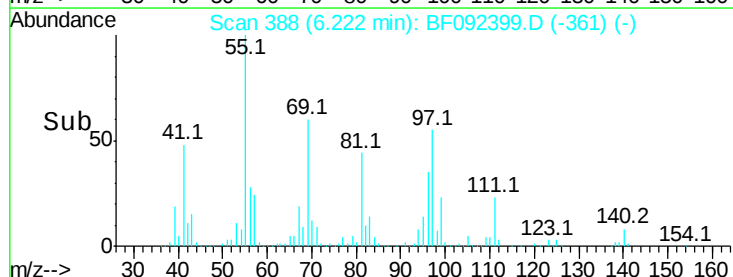
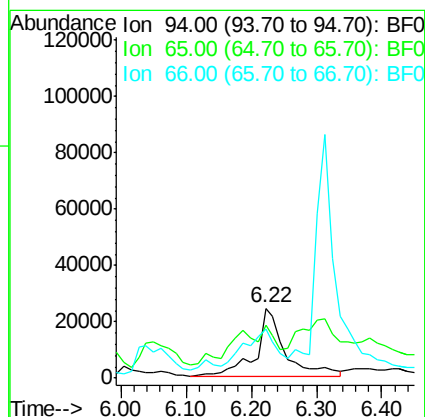
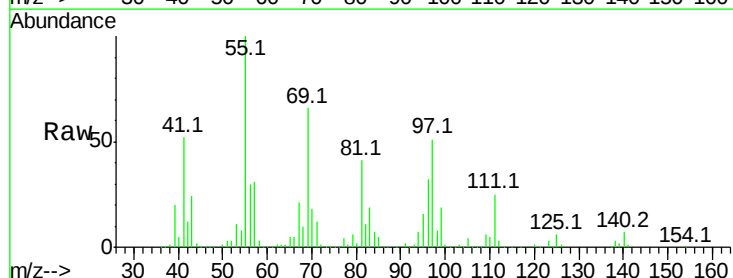
Tgt Ion: 94 Resp: 74416

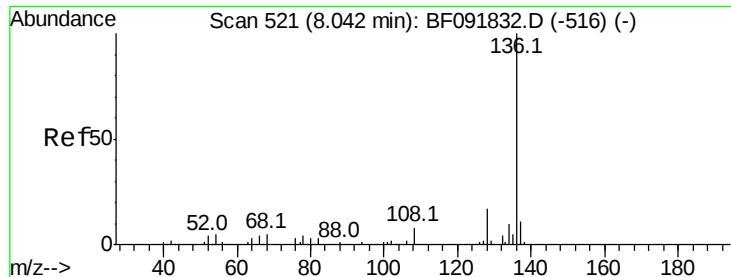
Ion Ratio Lower Upper

94 100

65 75.3 21.4 61.4#

66 69.9 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :

BNA_F

ClientSampleId :

MW-27

Tot Ion:136 Resp: 339262

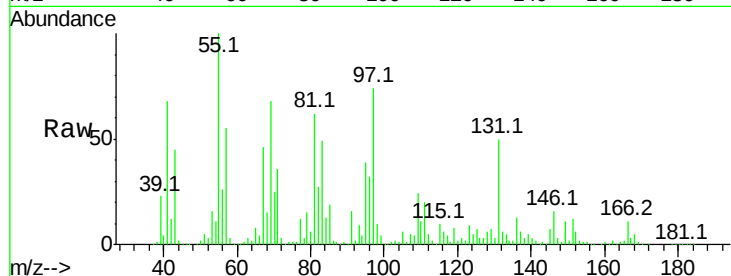
Ion Ratio Lower Upper

136 100

137 44.0 8.4 12.6#

54 87.3 4.5 6.7#

68 115.6 3.6 5.4#



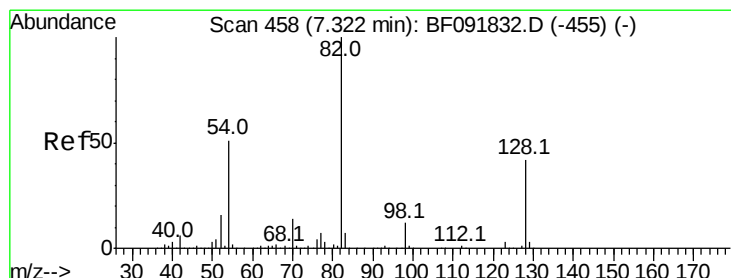
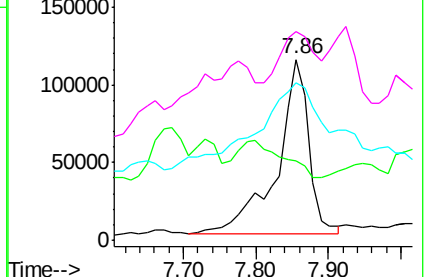
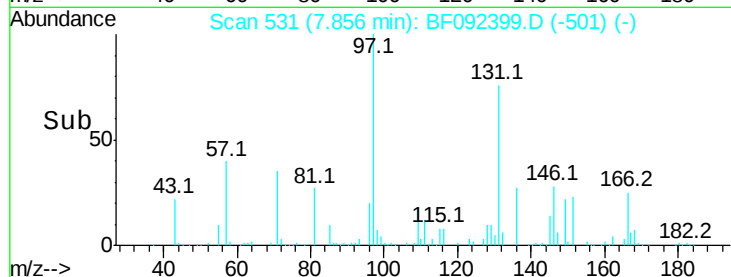
Abundance Ion 136.00 (135.70 to 136.70): E

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-->



#23

Nitrobenzene-d5

Concen: 99.25 ng

RT: 7.11 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

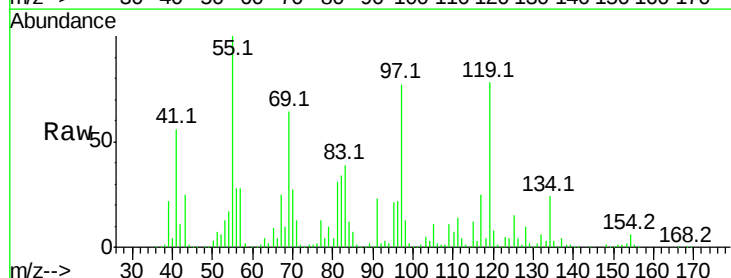
Tgt Ion: 82 Resp: 605539

Ion Ratio Lower Upper

82 100

128 28.0 34.6 52.0#

54 50.4 39.5 59.3

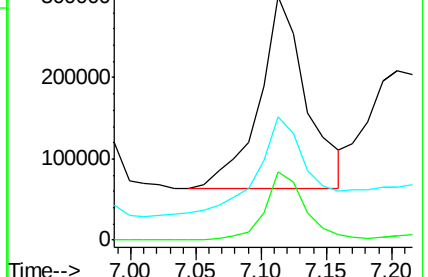
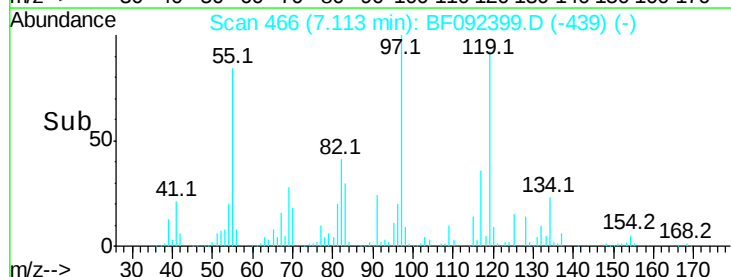


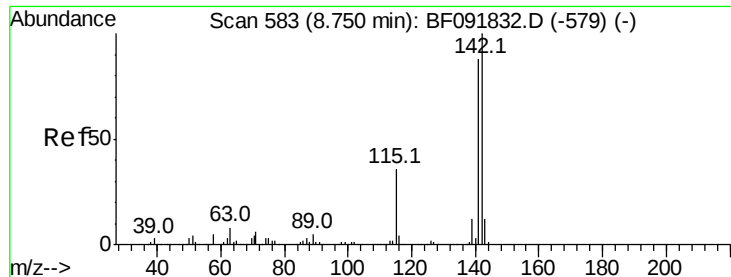
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#37

2-Methylnaphthalene

Concen: Below Cal

RT: 8.60 min Scan# 596

Delta R.T. 0.07 min

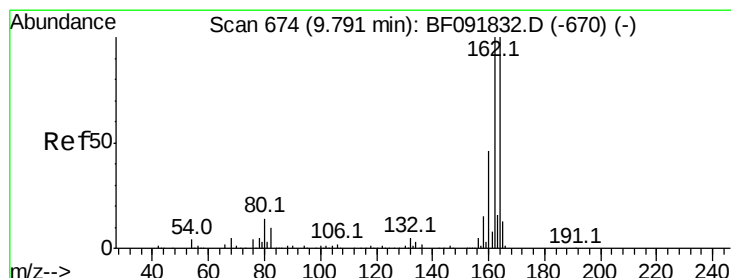
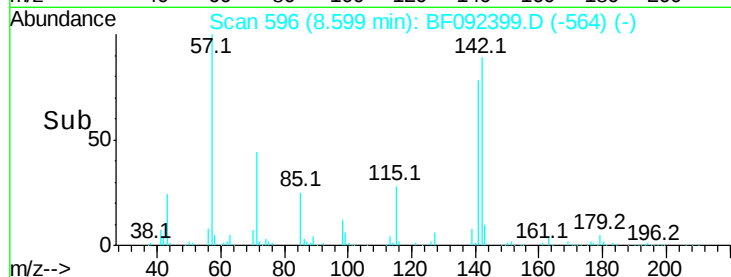
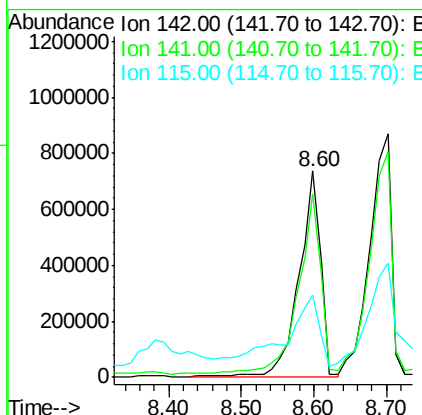
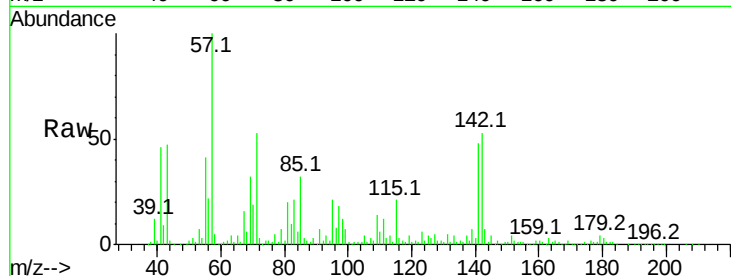
Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion:142 Resp: 1493555

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	39.7	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 685

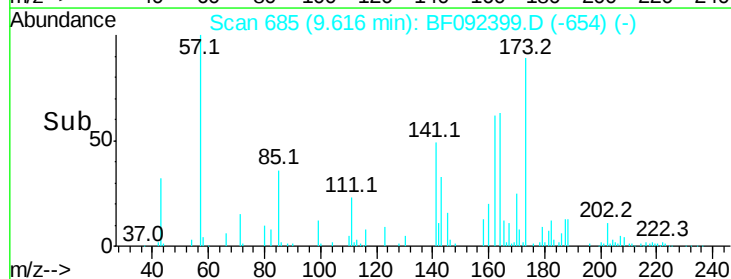
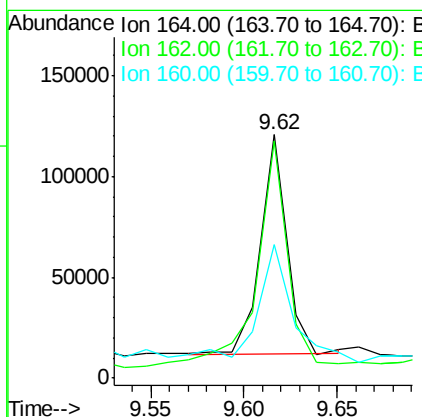
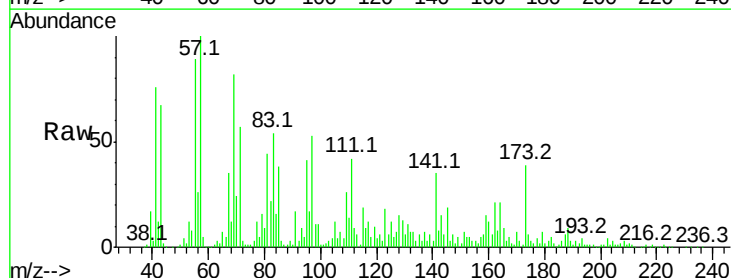
Delta R.T. 0.06 min

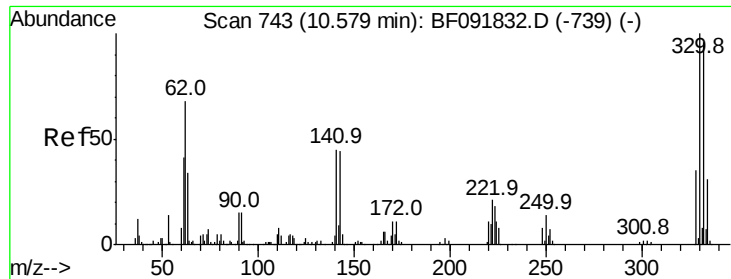
Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Tgt Ion:164 Resp: 106863

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.2	120.2
160	54.6	36.9	55.3

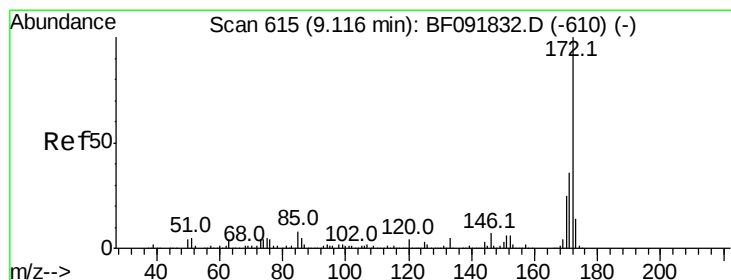
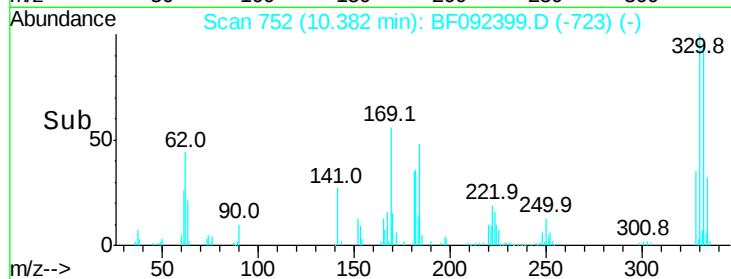
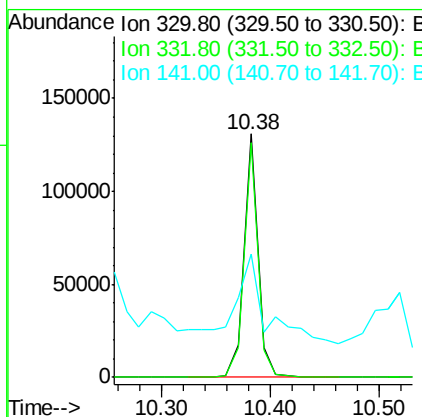
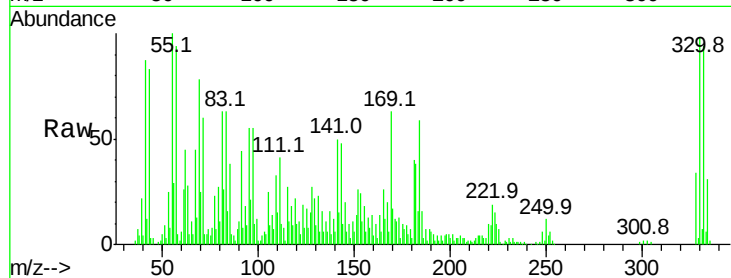




#41
 2,4,6-Tribromophenol
 Concen: 130.75 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.03 min
 Lab File: BF092399.D
 Acq: 21 Jan 2017 5:59

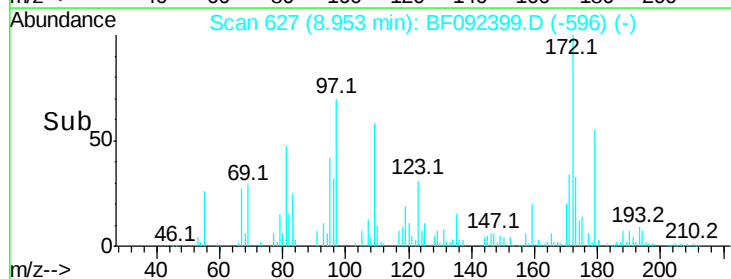
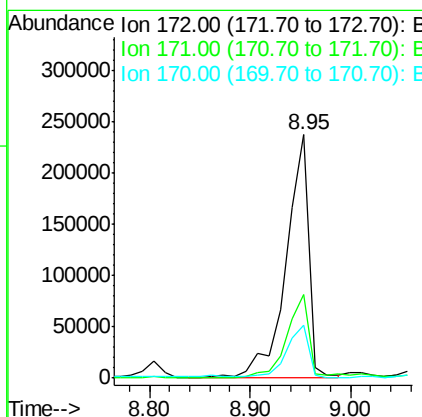
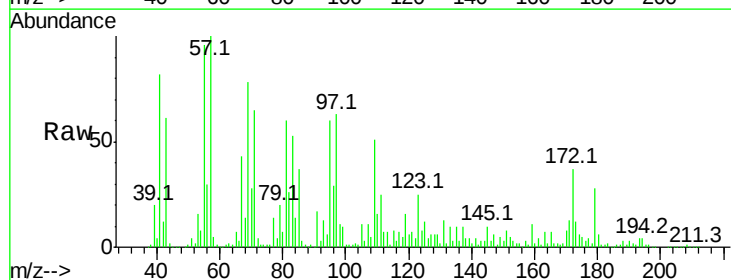
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

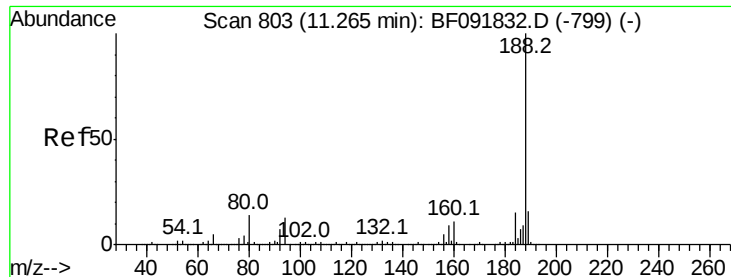
Tot Ion:330 Resp: 115634
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 75.1 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 68.66 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.06 min
 Lab File: BF092399.D
 Acq: 21 Jan 2017 5:59

Tgt Ion:172 Resp: 371020
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.4 44.0
 170 21.9 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :

BNA_F

ClientSampleId :

MW-27

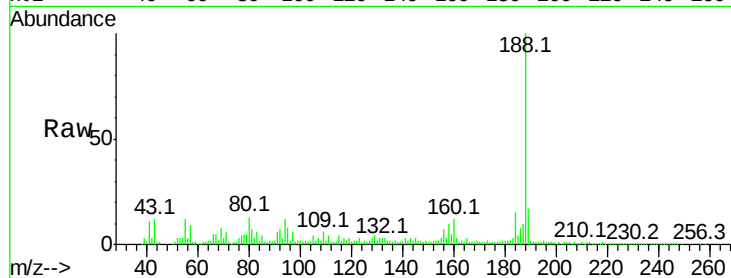
Tot Ion:188 Resp: 228387

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

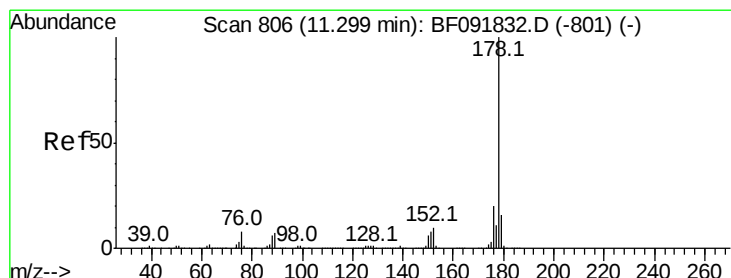
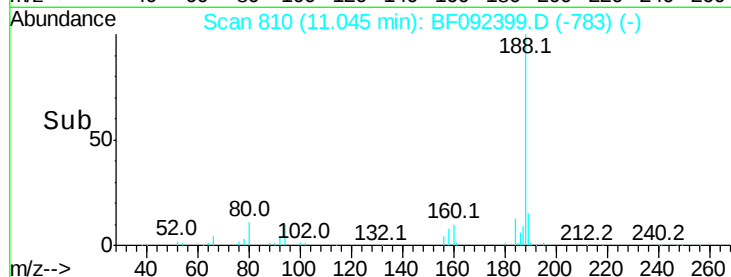
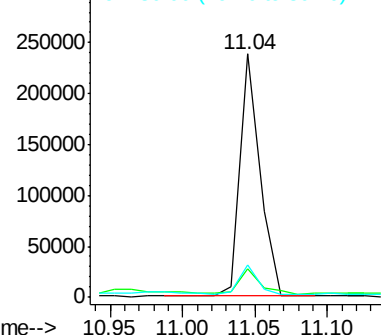
80 13.3 11.2 16.8



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



#70

Phenanthrene

Concen: 5.32 ng

RT: 11.07 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

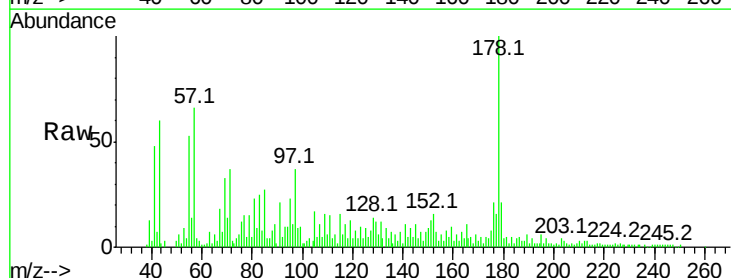
Tgt Ion:178 Resp: 65845

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

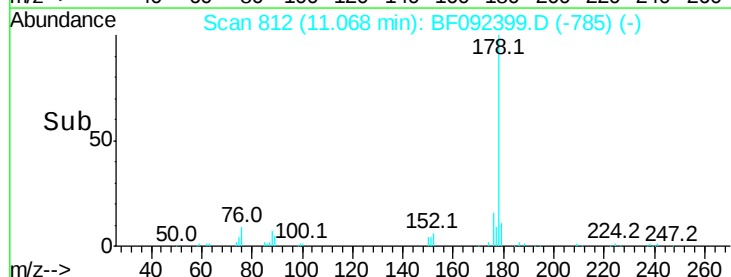
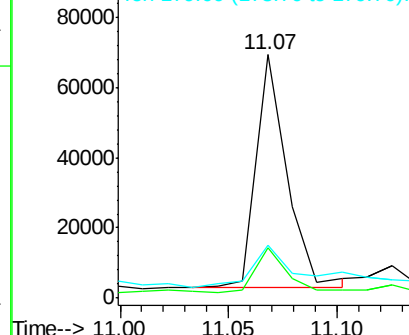
179 21.5 12.8 19.2#

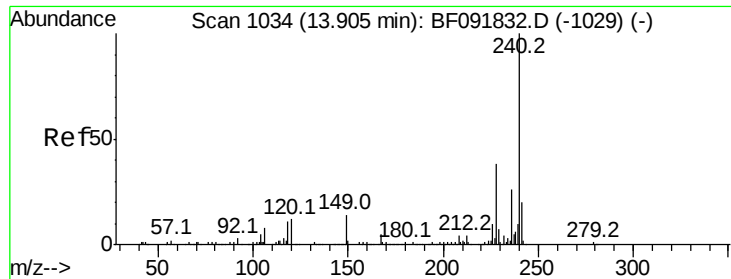


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

Instrument :

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MW-27

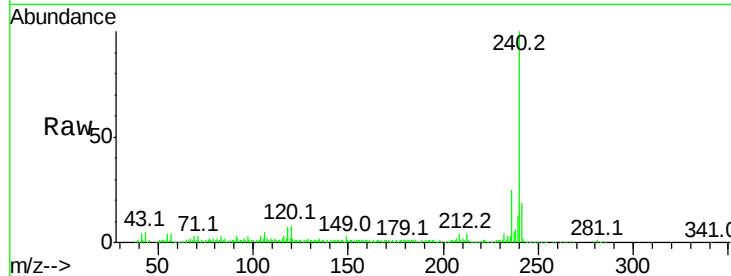
Tot Ion:240 Resp: 334767

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

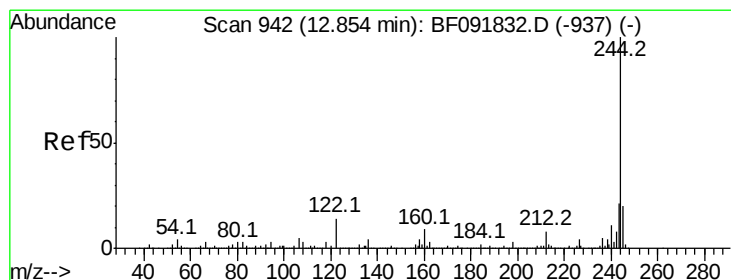
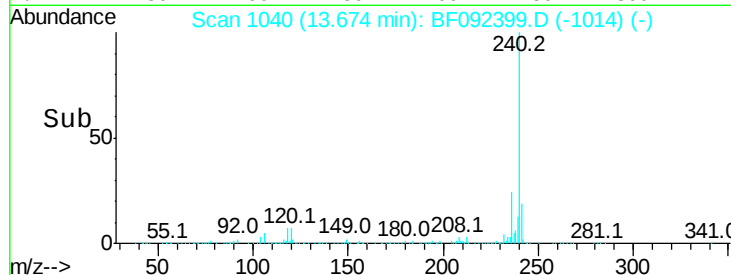
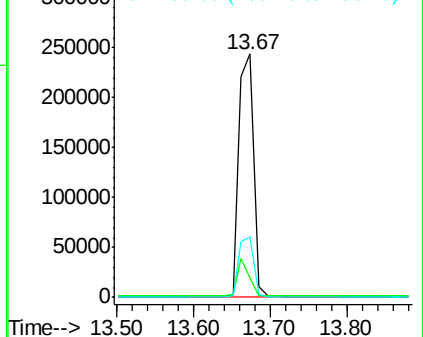
236 24.6 20.9 31.3



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: 37.92 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092399.D

Acq: 21 Jan 2017 5:59

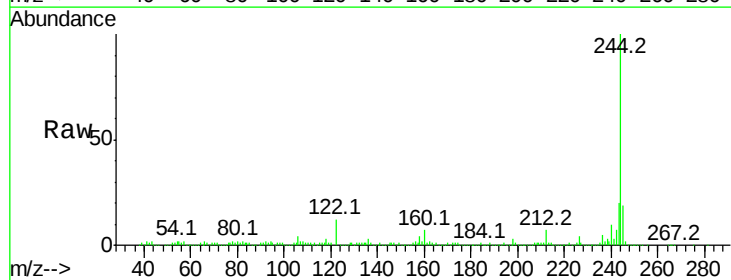
Tgt Ion:244 Resp: 523390

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

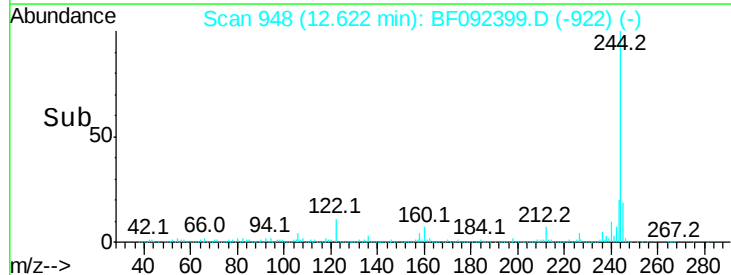
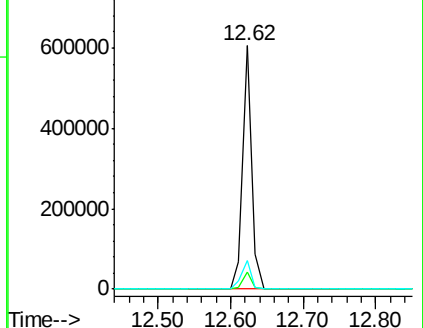
122 11.6 11.4 17.2

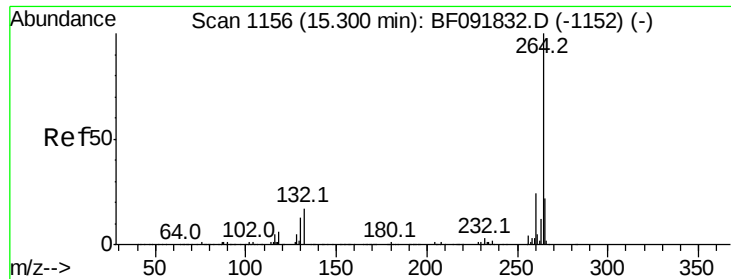


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092399.D
Acq: 21 Jan 2017 5:59

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.4	26.0

