

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092398.D
 Acq On : 21 Jan 2017 5:30
 Operator : UM/SJ
 Sample : I1266-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Jan 21 05:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

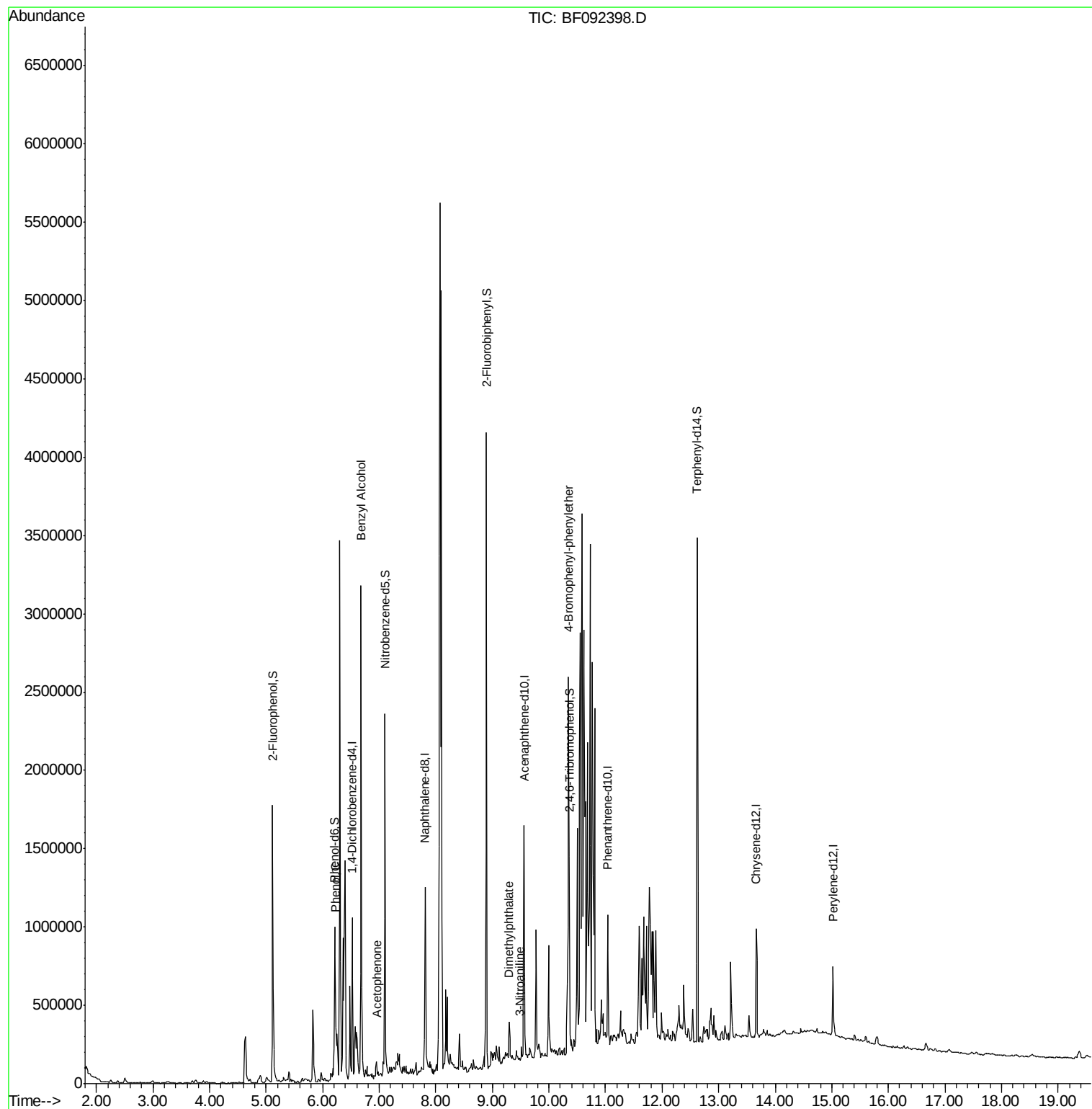
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	132483	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	498694	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	315509	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	406328	20.00	ng	0.00
75) Chrysene-d12	13.66	240	319399	20.00	ng	0.00
86) Perylene-d12	15.02	264	231880	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	610383	76.93	ng	0.02
7) Phenol-d6	6.21	99	488670	50.45	ng	0.02
23) Nitrobenzene-d5	7.10	82	851991	95.00	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	330344	126.52	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1312439	85.27	ng	0.00
78) Terphenyl-d14	12.62	244	1108385	84.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.04	77	1040	Below Cal	#	1
10) Phenol	6.22	94	48604	4.40	ng	89
15) Benzyl Alcohol	6.68	79	17152	2.28	ng	42
22) Acetophenone	6.95	105	28752	2.34	ng	94
37) 2-Methylnaphthalene	8.53	142	1029	Below Cal	#	53
49) Dimethylphthalate	9.30	163	73835	3.66	ng	98
52) 3-Nitroaniline	9.49	138	12986	2.38	ng	14
66) 4-Bromophenyl-phenylether	10.35	248	19528	4.62	ng	1
71) Anthracene	11.11	178	1086	Below Cal	#	1
73) Di-n-butylphthalate	11.61	149	15251	Below Cal	#	81
74) Fluoranthene	12.25	202	1172	Below Cal	#	1
76) Benzydine	12.42	184	547	Below Cal	#	1

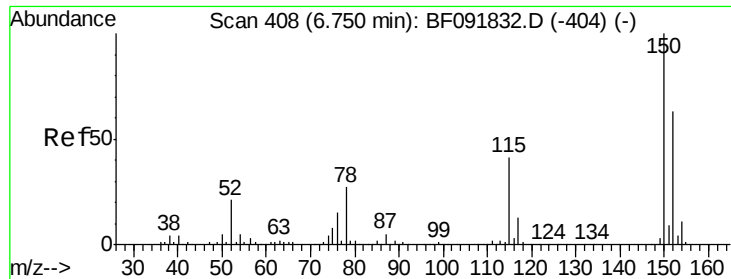
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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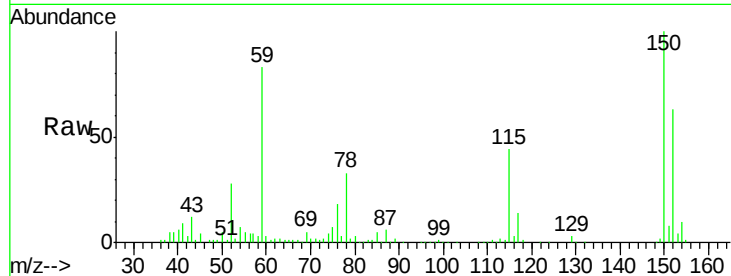


#1

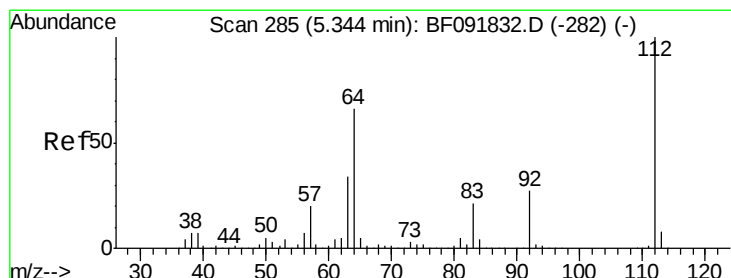
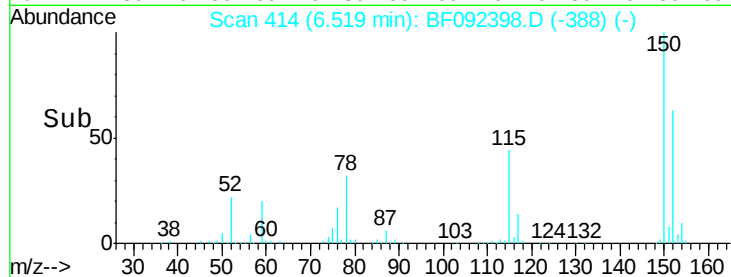
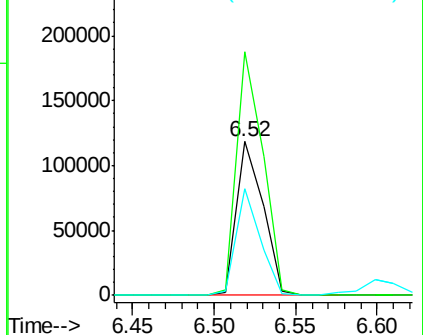
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF092398.D
Acq: 21 Jan 2017 5:30

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 132483
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 69.4 46.0 69.0#



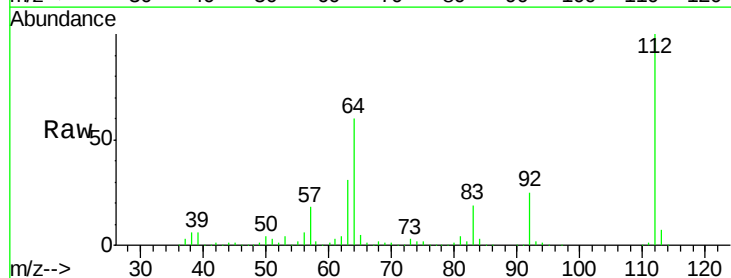
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



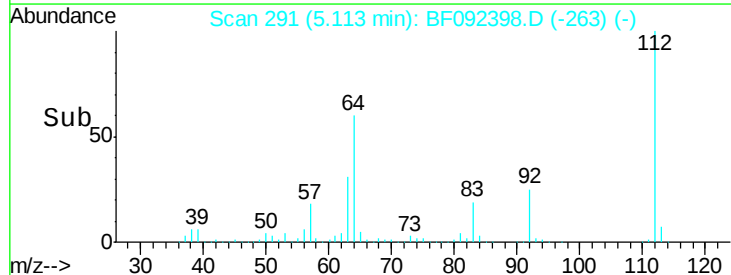
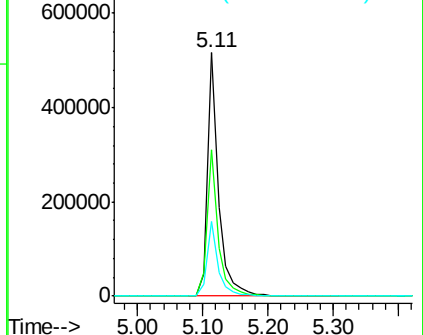
#5

2-Fluorophenol
Concen: 76.93 ng
RT: 5.11 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF092398.D
Acq: 21 Jan 2017 5:30

Tgt Ion:112 Resp: 610383
Ion Ratio Lower Upper
112 100
64 60.1 46.1 69.1
63 30.6 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: 50.45 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

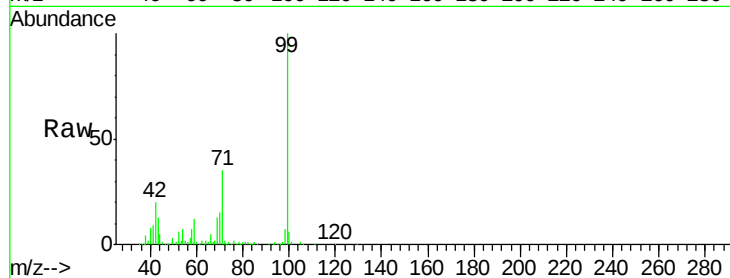
Tgt Ion: 99 Resp: 488670

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

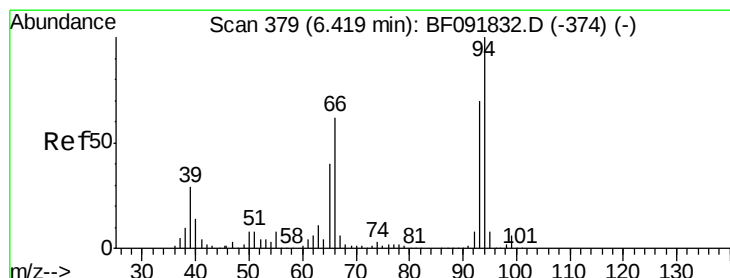
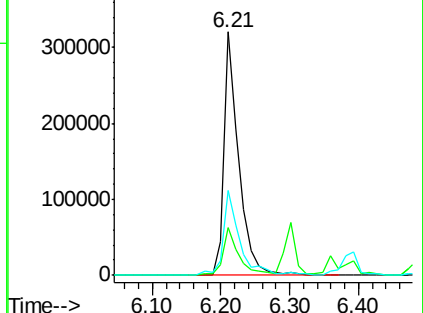
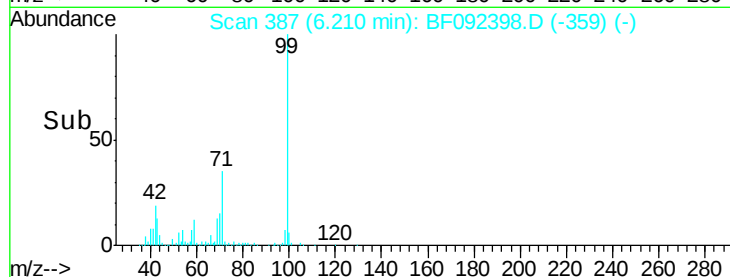
71 34.9 27.5 41.3



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: 4.40 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

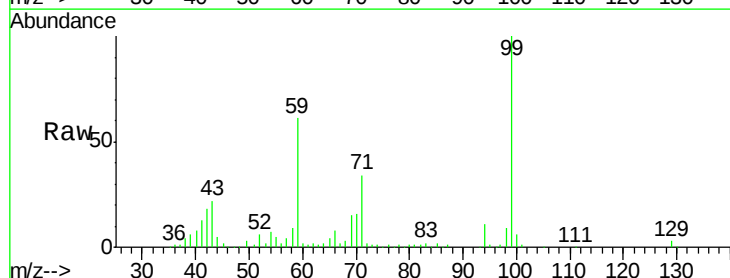
Tgt Ion: 94 Resp: 48604

Ion Ratio Lower Upper

94 100

65 37.4 21.4 61.4

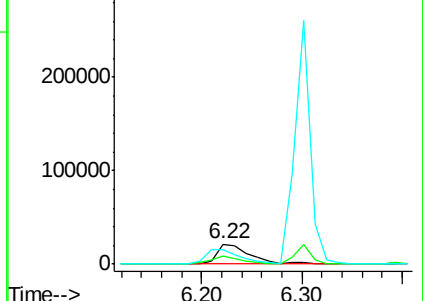
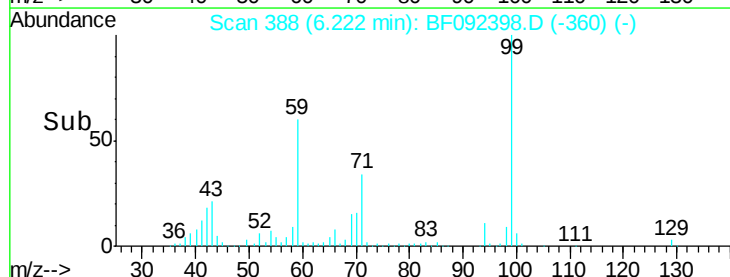
66 75.0 44.0 84.0

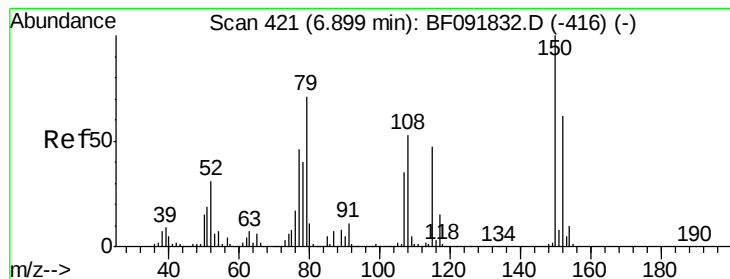


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.68 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

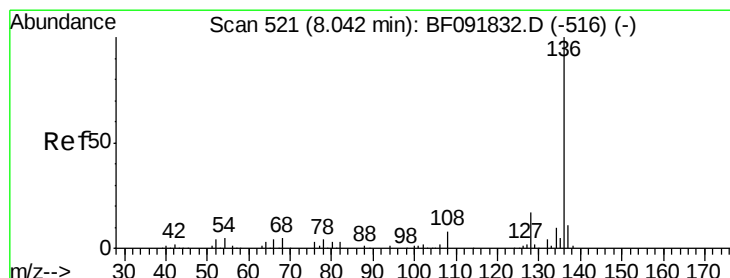
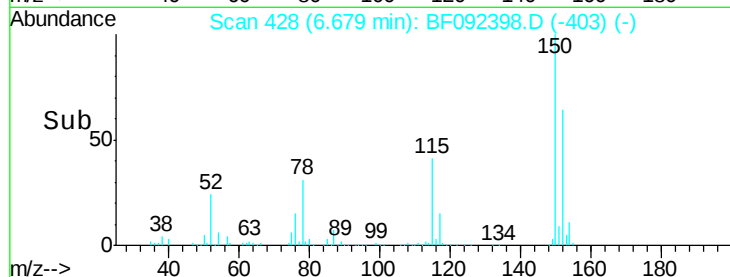
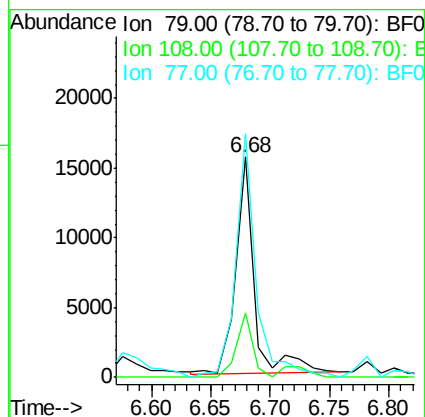
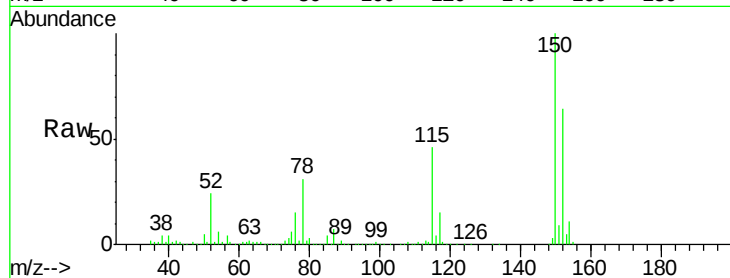
Tgt Ion: 79 Resp: 17152

Ion Ratio Lower Upper

79 100

108 29.0 61.4 92.0#

77 110.6 50.9 76.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Tgt Ion: 136 Resp: 498694

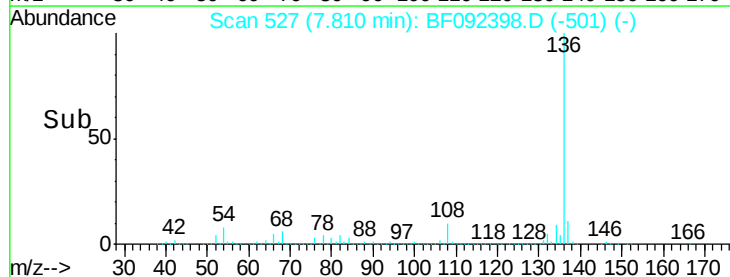
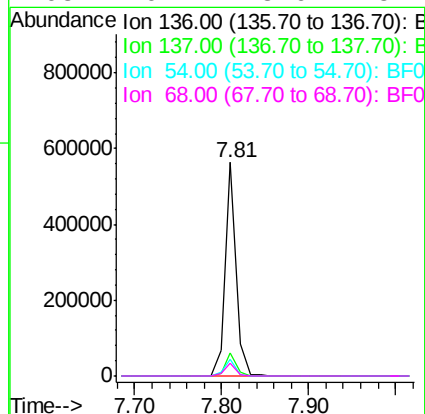
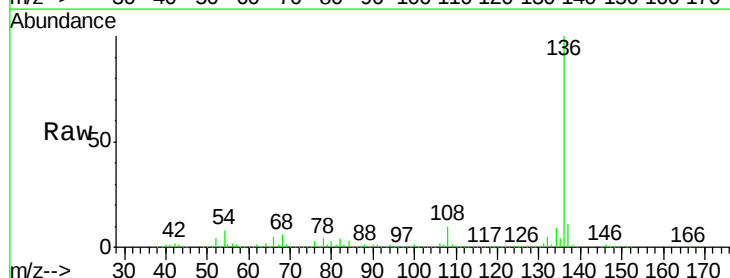
Ion Ratio Lower Upper

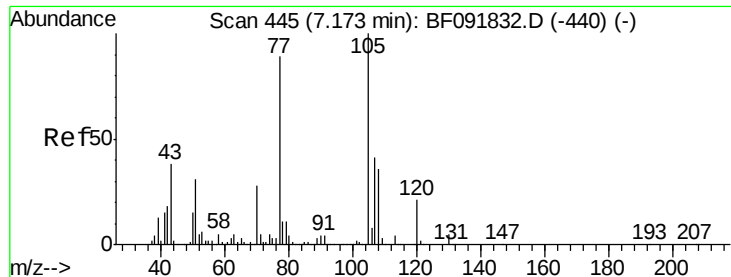
136 100

137 10.9 8.4 12.6

54 8.1 4.5 6.7#

68 6.2 3.6 5.4#





#22

Acetophenone

Concen: 2.34 ng

RT: 6.95 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

Tgt Ion:105 Resp: 28752

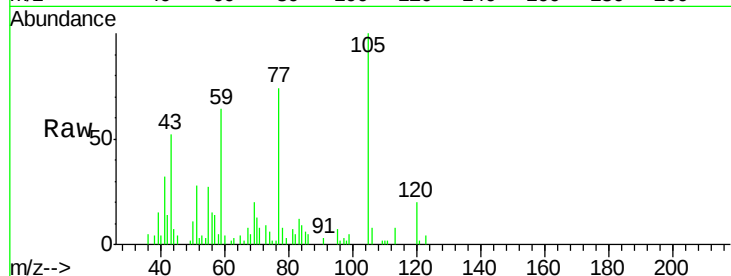
Ion Ratio Lower Upper

105 100

71 8.0 3.2 4.8#

51 27.6 26.2 39.4

120 20.3 16.6 24.8



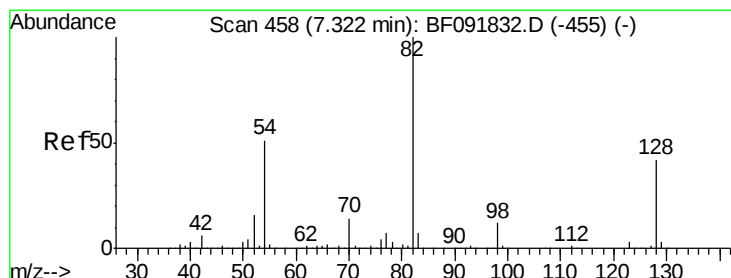
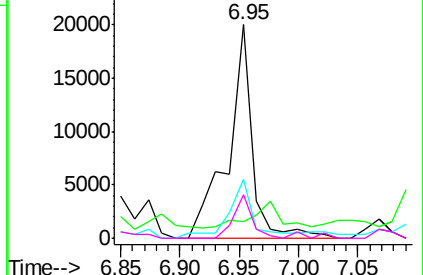
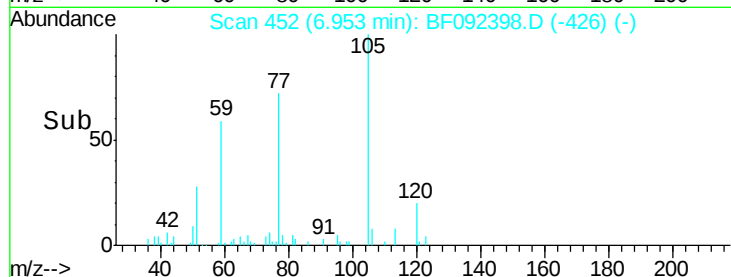
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 95.00 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

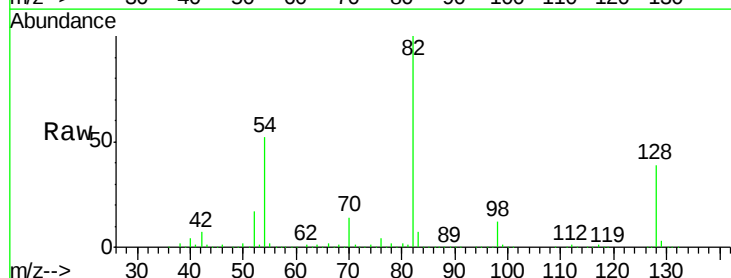
Tgt Ion: 82 Resp: 851991

Ion Ratio Lower Upper

82 100

128 39.4 34.6 52.0

54 52.2 39.5 59.3

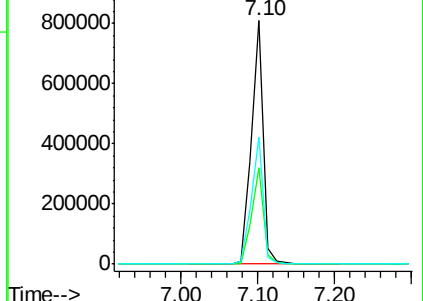
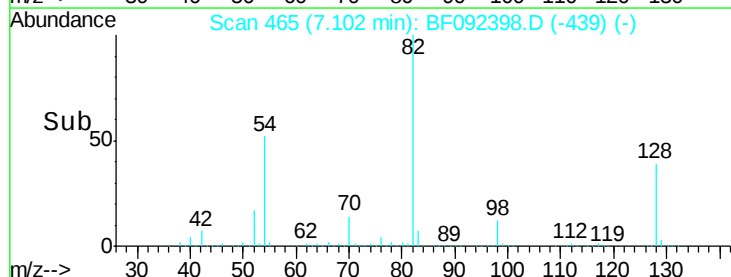


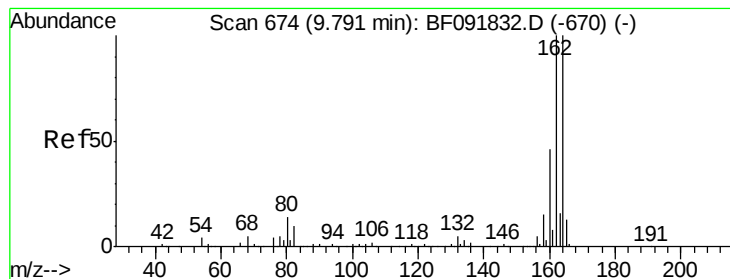
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

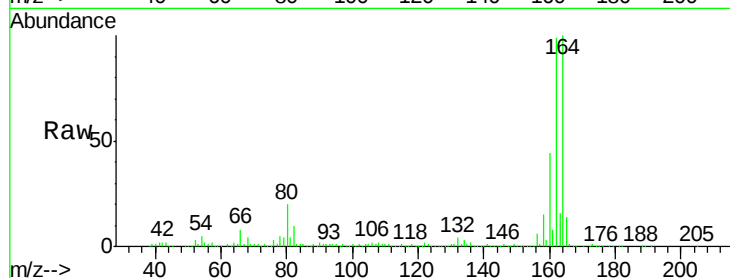
Tgt Ion:164 Resp: 315509

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

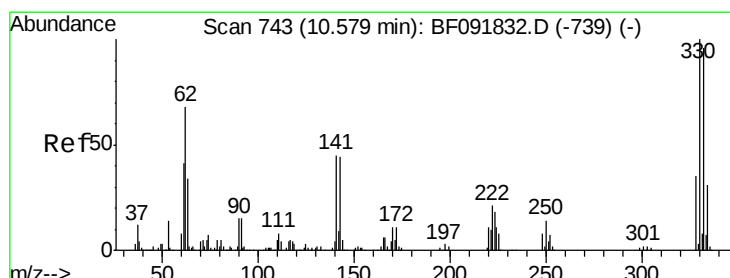
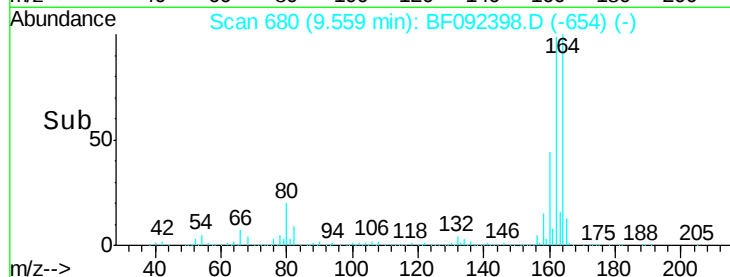
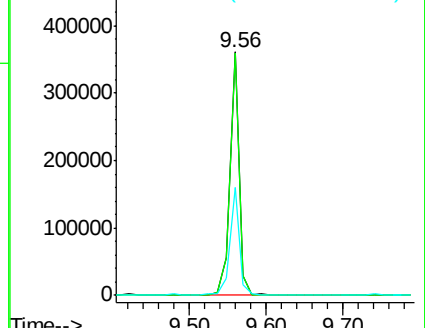
160 44.5 36.9 55.3



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: 126.52 ng

RT: 10.36 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

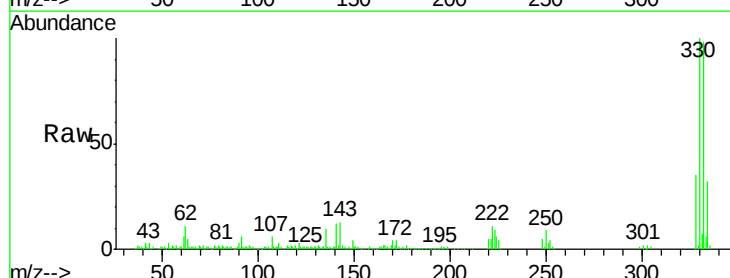
Tgt Ion:330 Resp: 330344

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

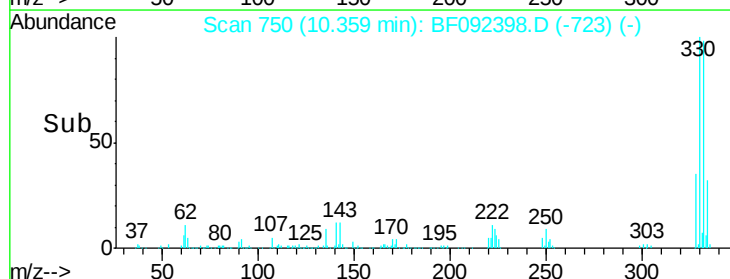
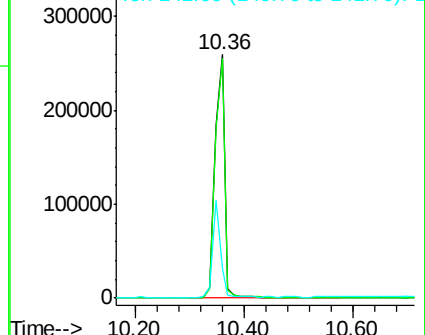
141 31.6 34.1 51.1#

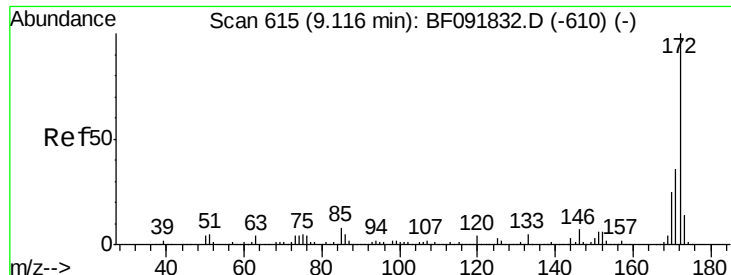


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

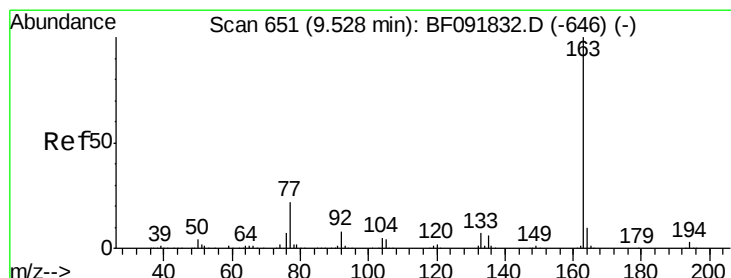
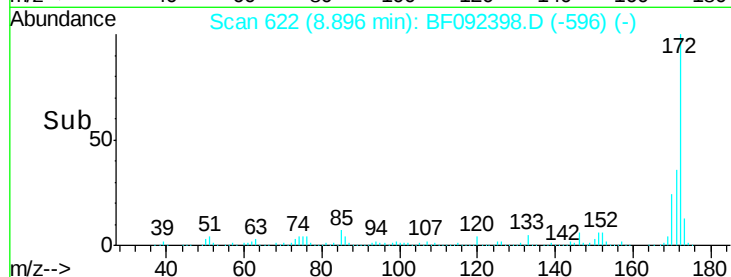
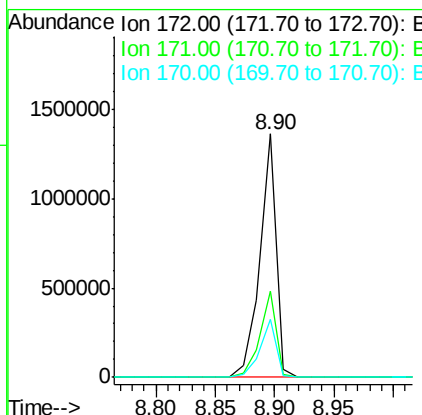
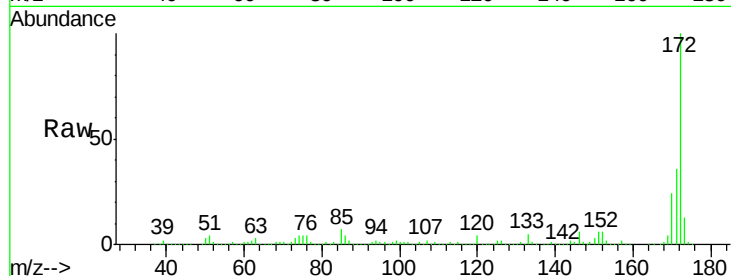




#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF092398.D
 Acq: 21 Jan 2017 5:30

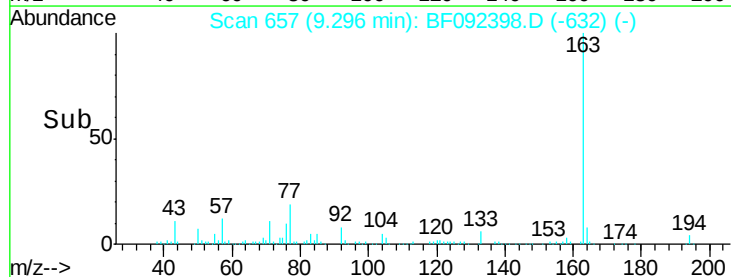
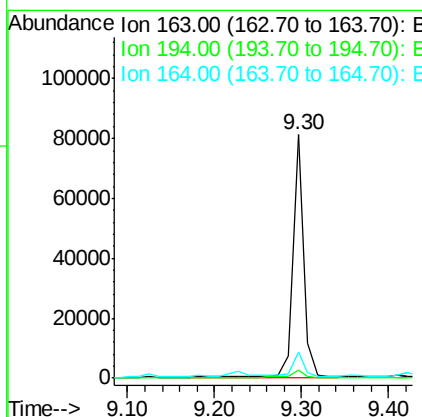
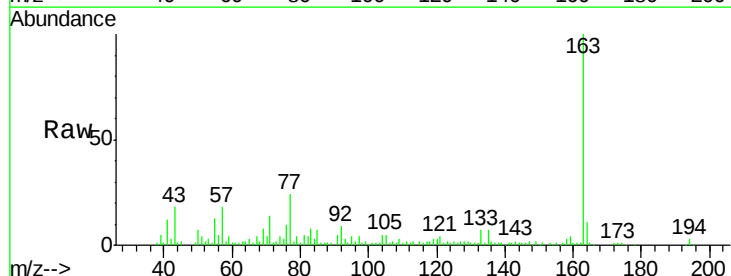
Instrument :
 BNA_F
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 MW-25

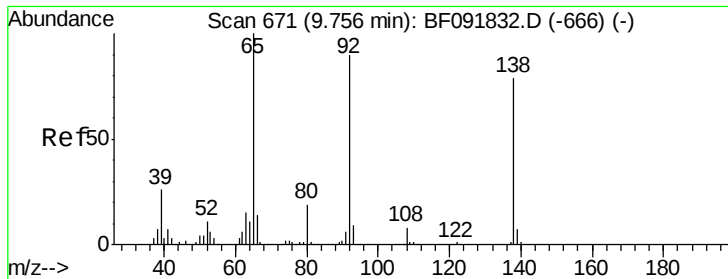
Tgt Ion:172 Resp: 1312439
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 20.2 30.4



#49
 Dimethylphthalate
 Concen: 3.66 ng
 RT: 9.30 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF092398.D
 Acq: 21 Jan 2017 5:30

Tgt Ion:163 Resp: 73835
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 10.9 8.0 12.0





#52

3-Nitroaniline

Concen: 2.38 ng

RT: 9.49 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

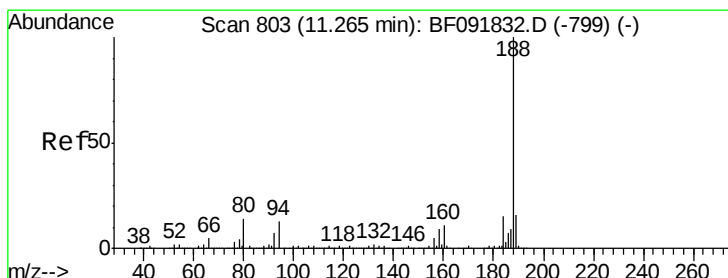
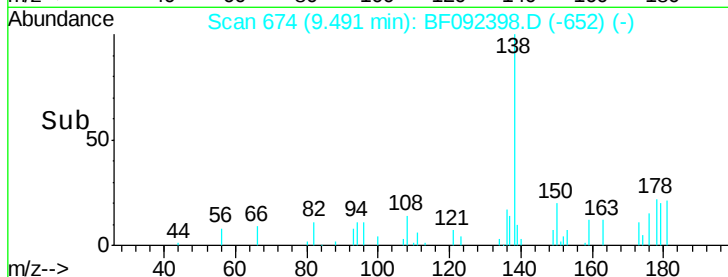
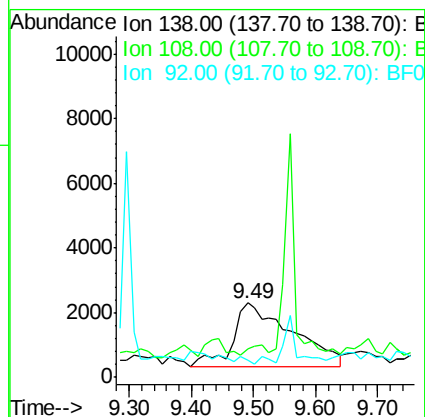
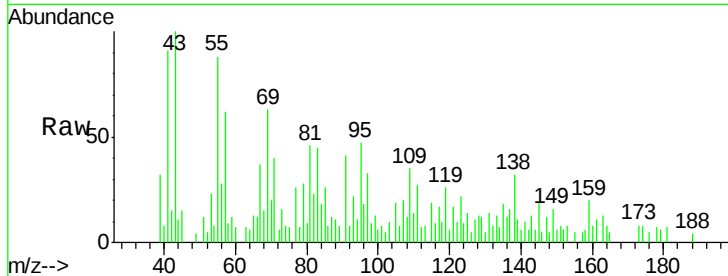
Tgt Ion:138 Resp: 12986

Ion Ratio Lower Upper

138 100

108 37.9 8.5 12.7#

92 23.9 97.8 146.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

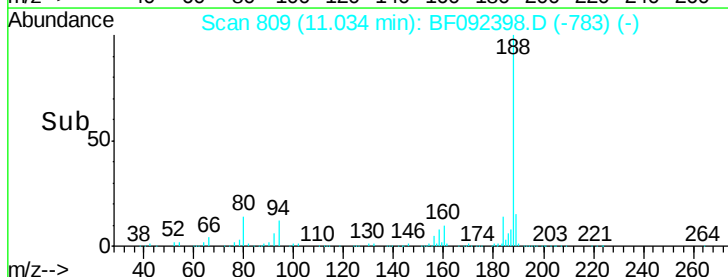
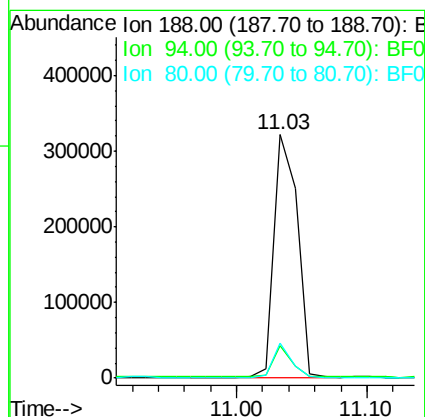
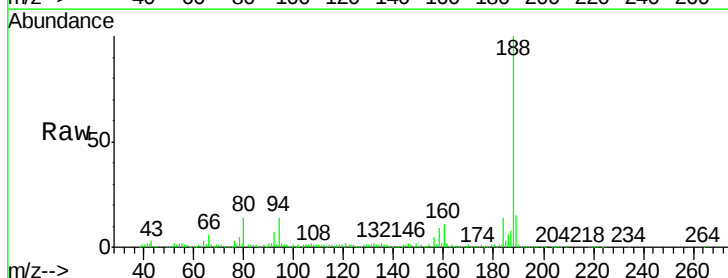
Tgt Ion:188 Resp: 406328

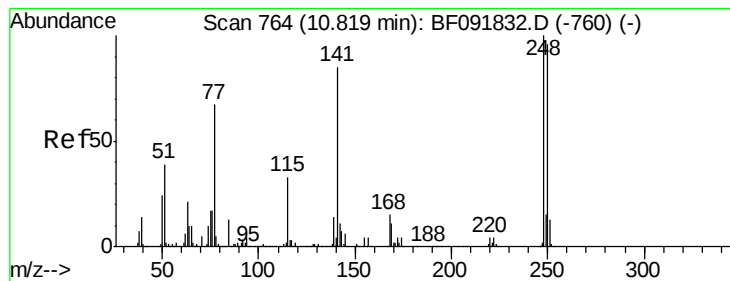
Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

80 14.3 11.2 16.8





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampleId :

MW-25

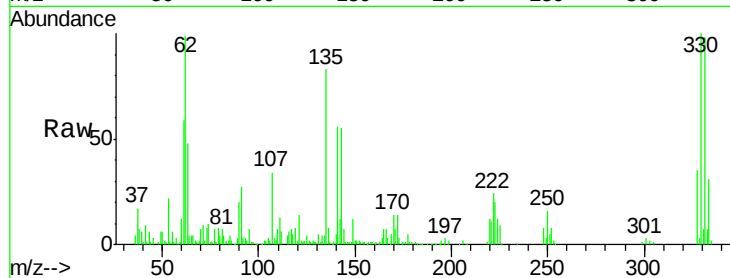
Tgt Ion:248 Resp: 19528

Ion Ratio Lower Upper

248 100

250 198.1 76.9 115.3#

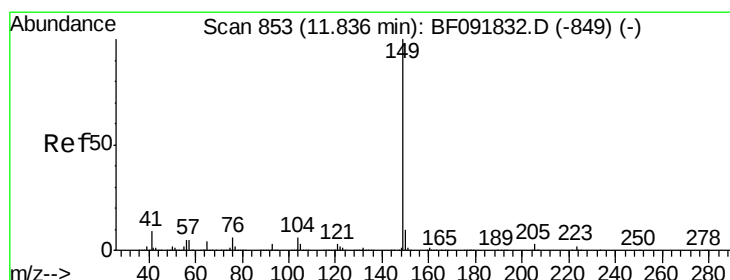
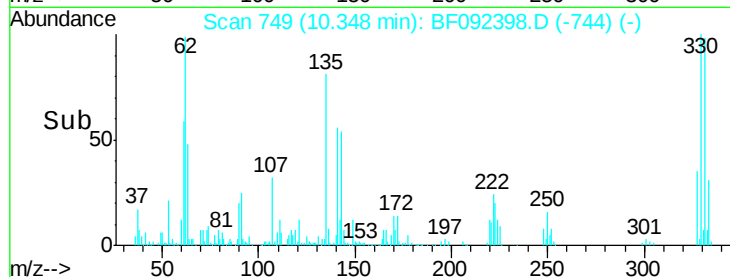
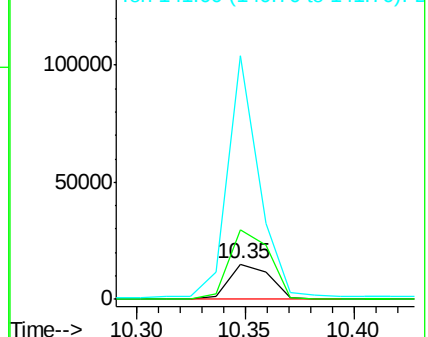
141 693.3 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.61 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

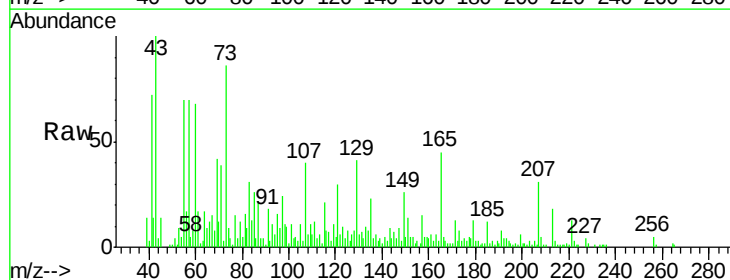
Tgt Ion:149 Resp: 15251

Ion Ratio Lower Upper

149 100

150 17.1 8.1 12.1#

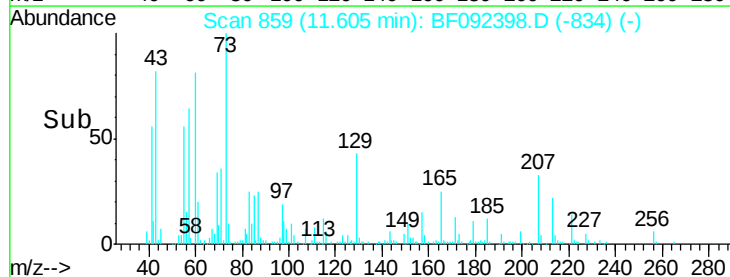
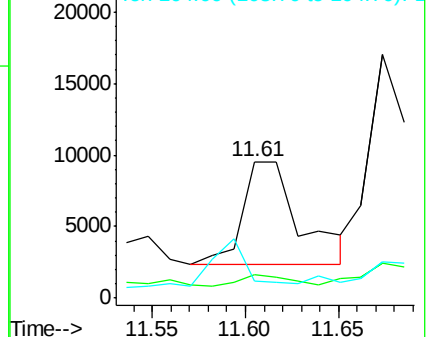
104 12.0 4.6 7.0#

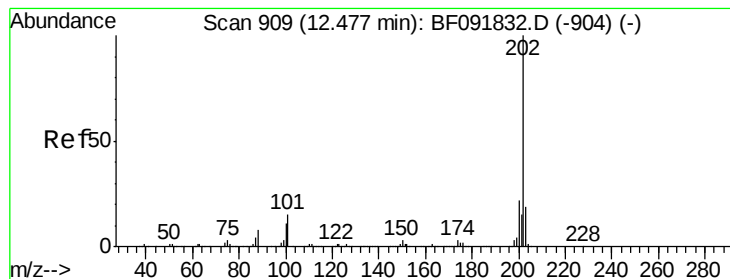


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.25 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampled :

MW-25

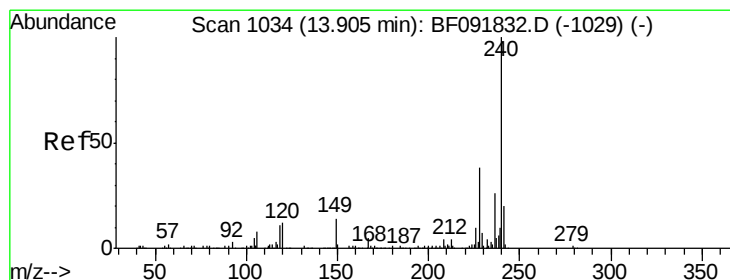
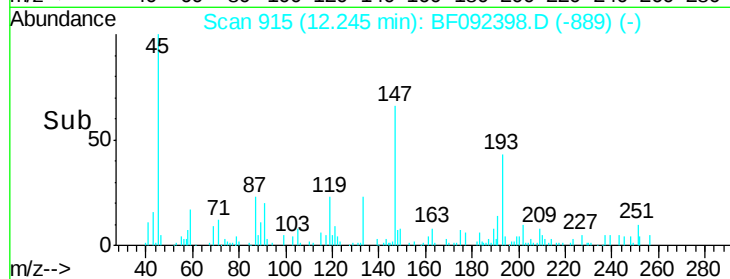
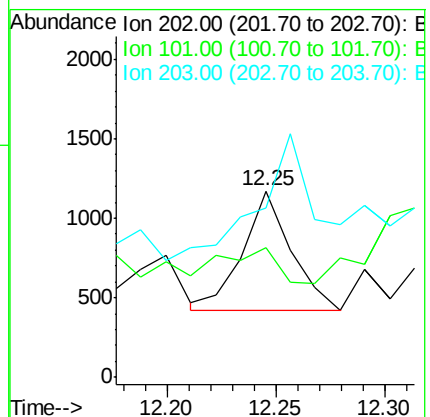
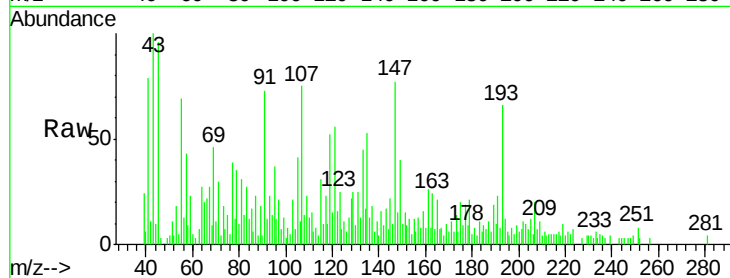
Tgt Ion:202 Resp: 1172

Ion Ratio Lower Upper

202 100

101 69.7 0.0 34.6#

203 90.8 0.0 38.7#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

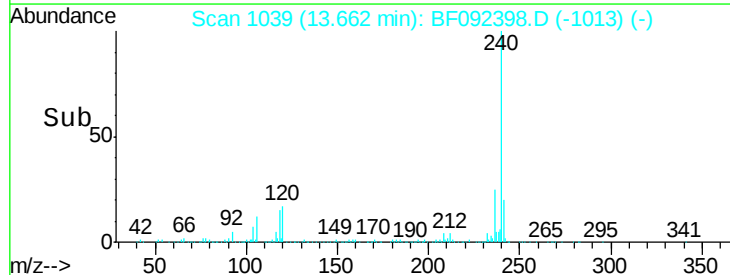
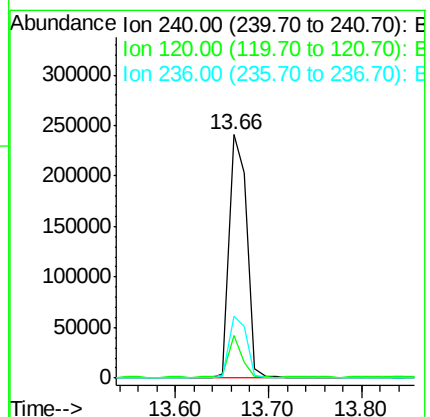
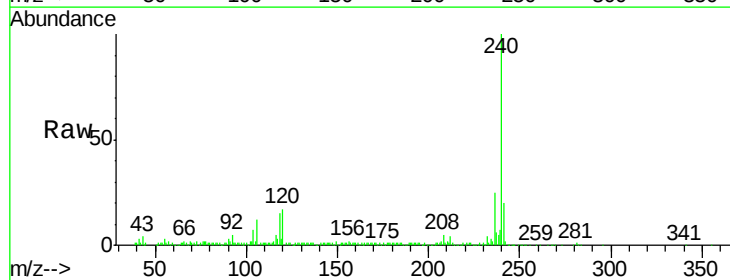
Tgt Ion:240 Resp: 319399

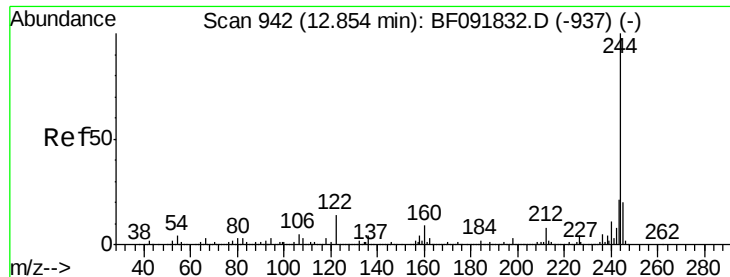
Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 84.16 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

Instrument :

BNA_F

ClientSampled :

MW-25

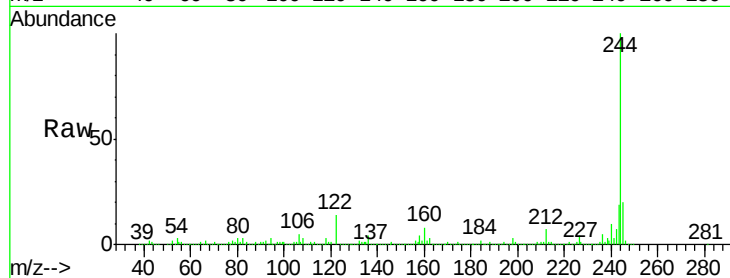
Tgt Ion:244 Resp: 1108385

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

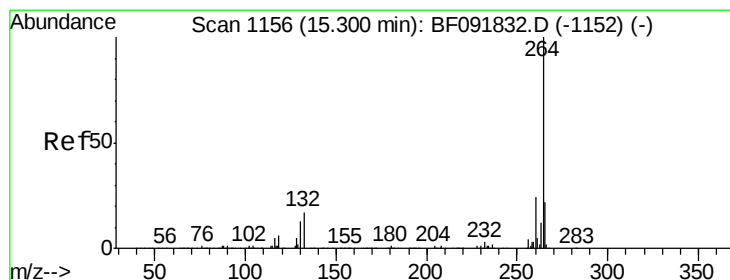
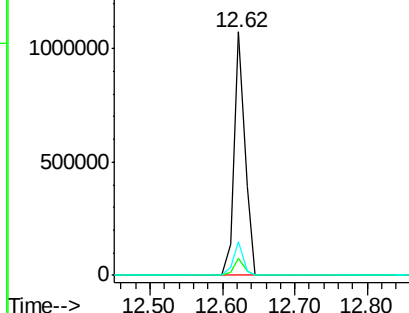
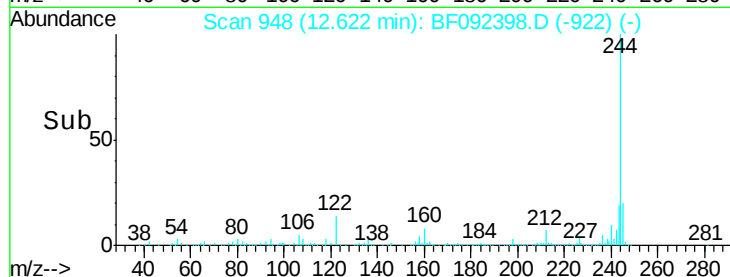
122 13.9 11.4 17.2



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: 15.02 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF092398.D

Acq: 21 Jan 2017 5:30

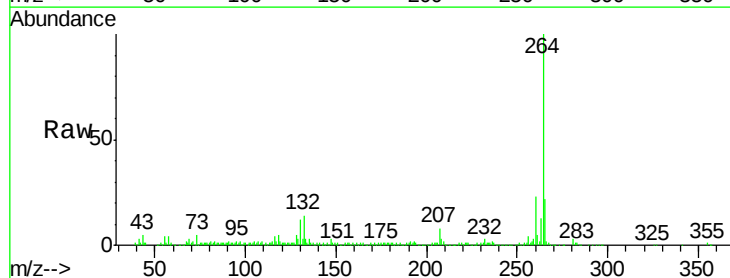
Tgt Ion:264 Resp: 231880

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

