

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092098.D
 Acq On : 5 Jan 2017 19:32
 Operator : UM/SJ
 Sample : I1004-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jan 06 00:18:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

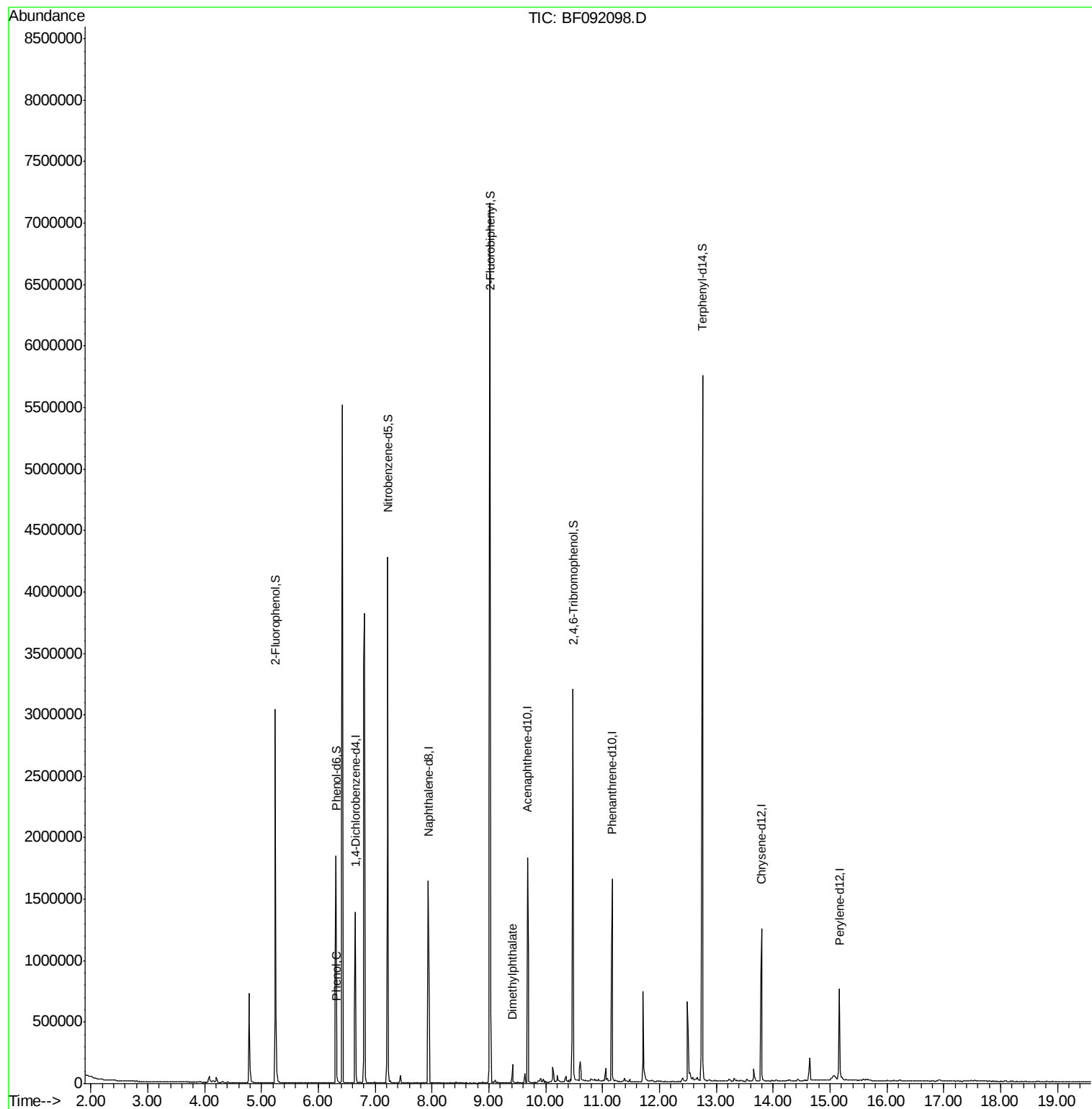
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	235068	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	918440	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	478245	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	772236	20.00	ng	0.00
75) Chrysene-d12	13.80	240	563132	20.00	ng	0.00
86) Perylene-d12	15.17	264	430109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	862725	61.28	ng	0.00
7) Phenol-d6	6.31	99	720583	41.92	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1617555	97.93	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	583931	147.54	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2274821	99.69	ng	0.00
78) Terphenyl-d14	12.76	244	2017886	86.91	ng	0.00
Target Compounds						
10) Phenol	6.32	94	77966	3.98	ng	Qvalue # 61
49) Dimethylphthalate	9.42	163	69066	2.26	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampled :

MW-23

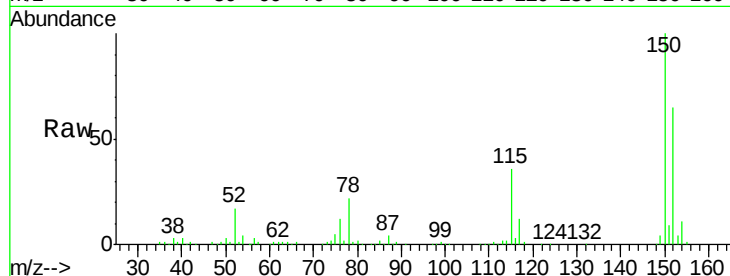
Tot Ion:152 Resp: 235068

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

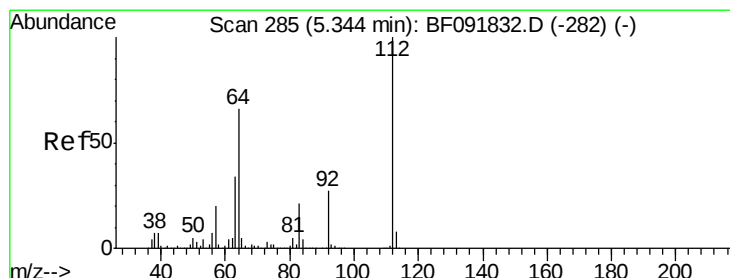
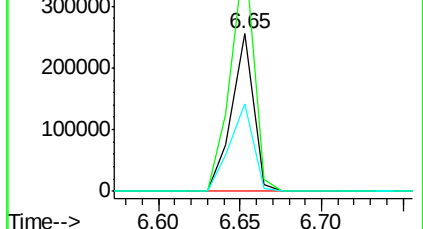
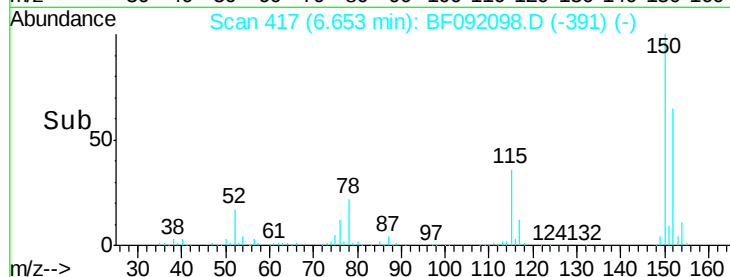
115 55.1 46.0 69.0



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: 61.28 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

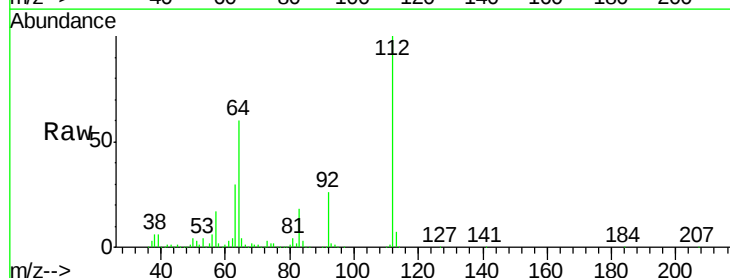
Tgt Ion:112 Resp: 862725

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

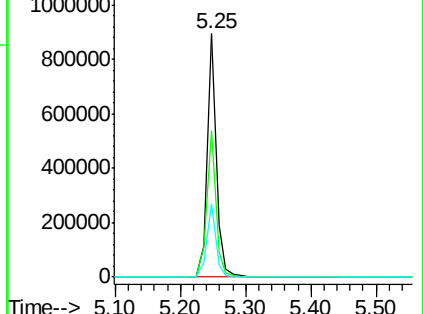
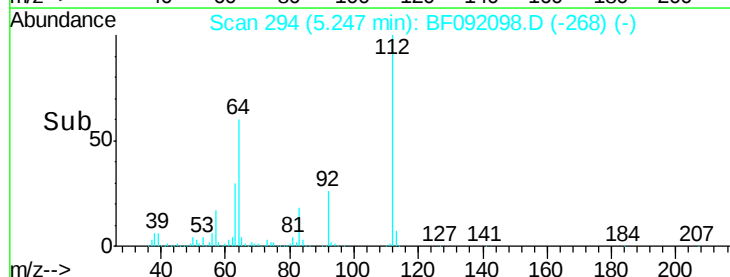
63 30.1 23.8 35.6

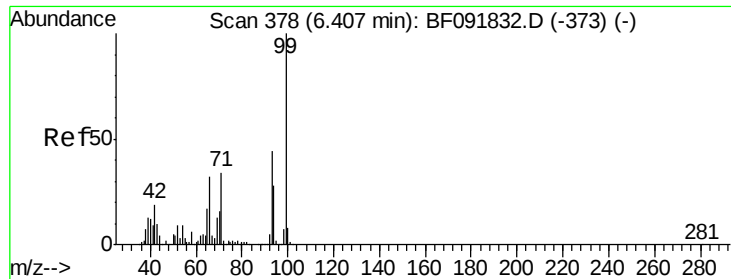


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.92 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampled :

MW-23

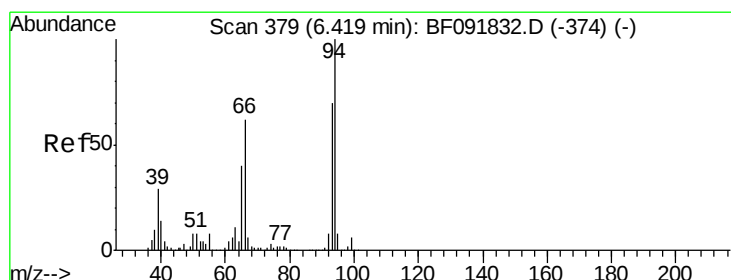
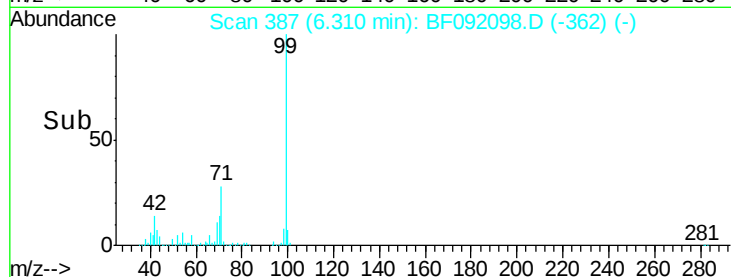
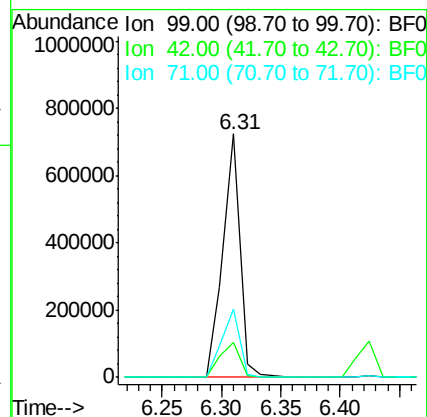
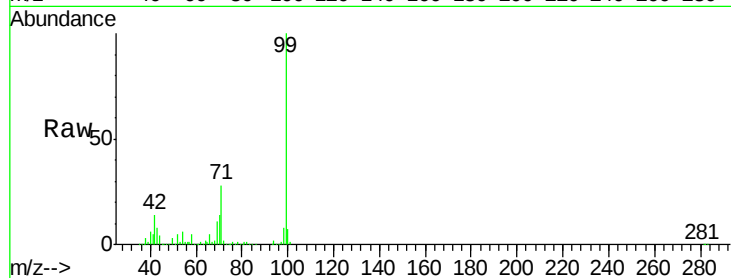
Tot Ion: 99 Resp: 720583

Ion Ratio Lower Upper

99 100

42 14.2 15.6 23.4#

71 27.8 27.5 41.3



#10

Phenol

Concen: 3.98 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

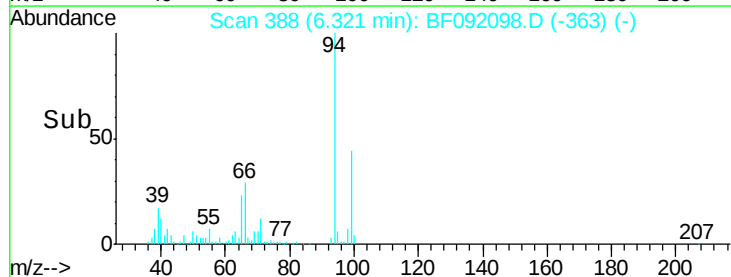
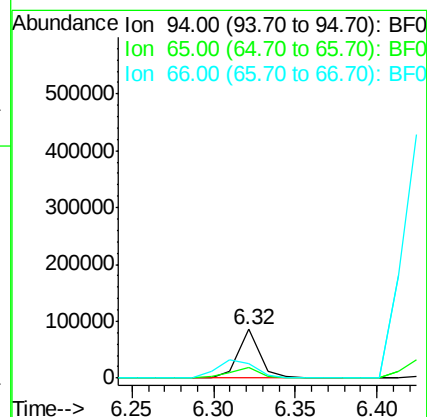
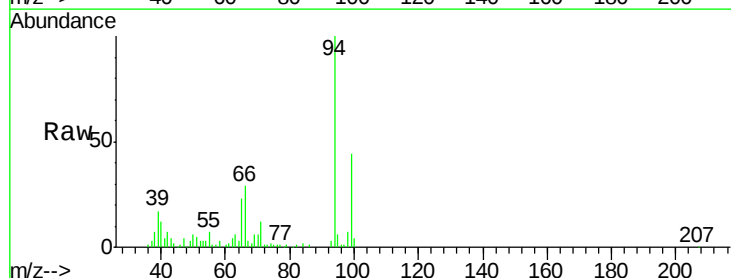
Tgt Ion: 94 Resp: 77966

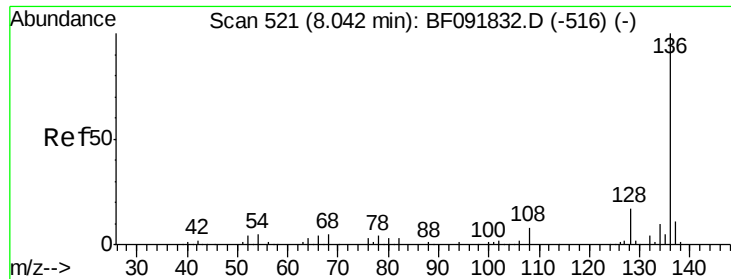
Ion Ratio Lower Upper

94 100

65 22.8 21.4 61.4

66 29.0 44.0 84.0#

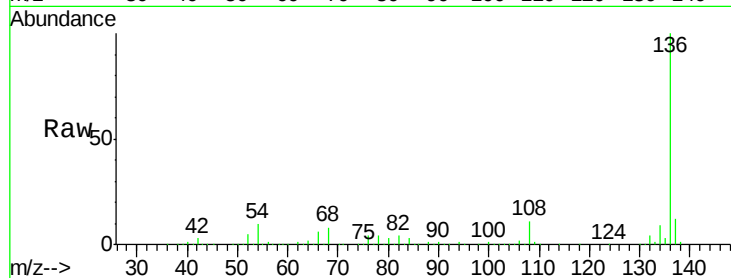




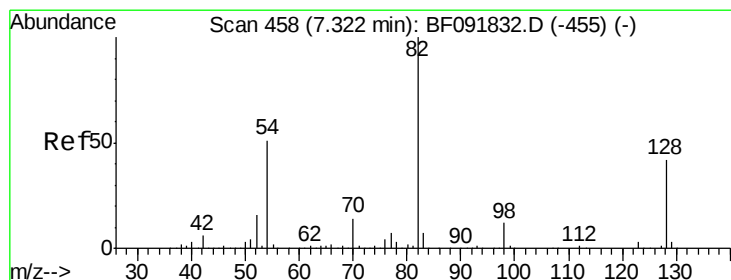
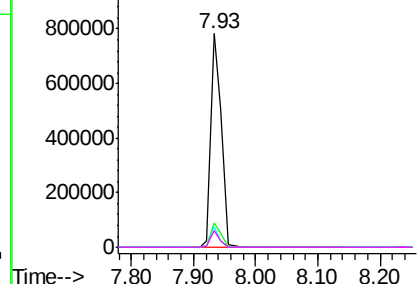
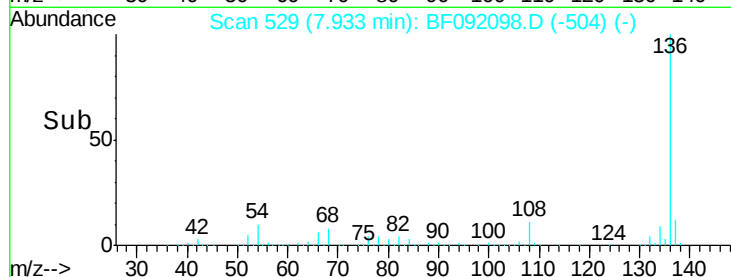
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion:136 Resp: 918440
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 9.9 4.5 6.7#
68 8.1 3.6 5.4#

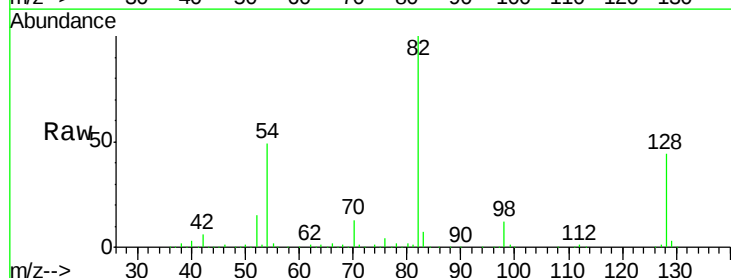


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

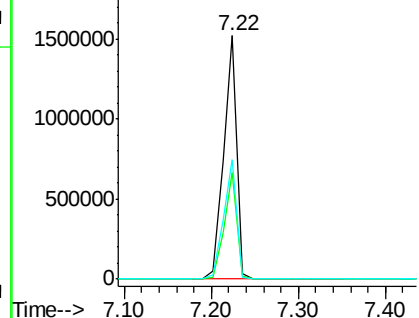
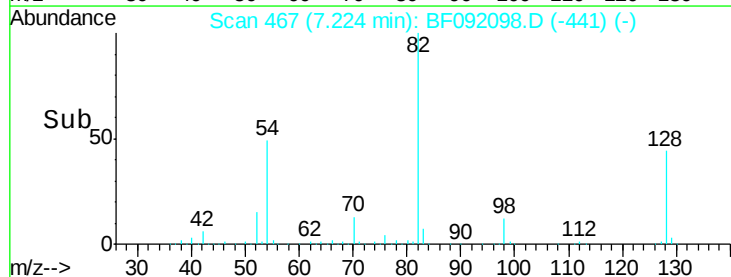


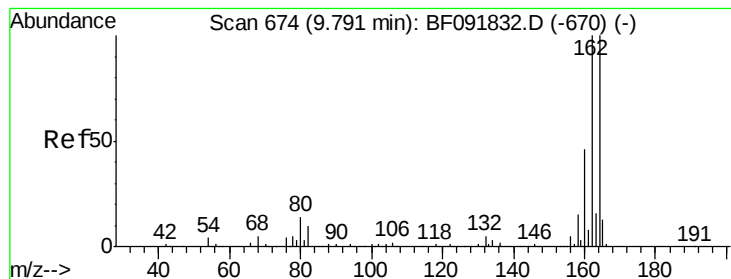
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Tgt Ion: 82 Resp: 1617555
Ion Ratio Lower Upper
82 100
128 43.6 34.6 52.0
54 48.9 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: 9.68 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

MW-23

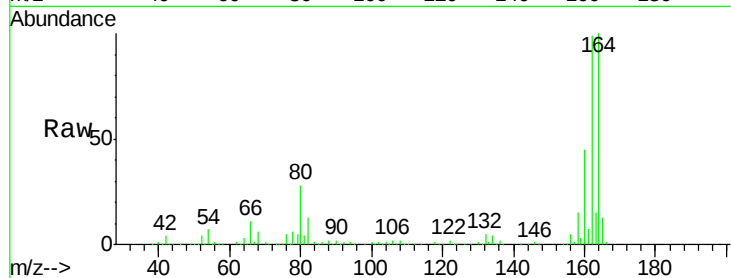
Tot Ion:164 Resp: 478245

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

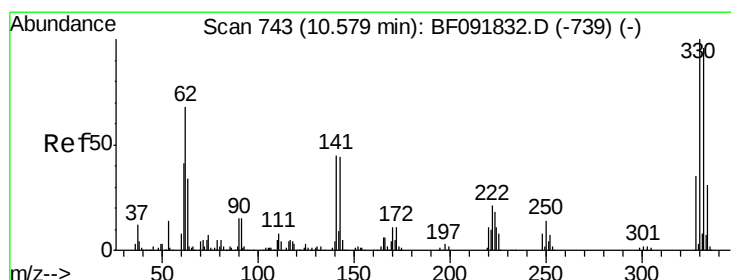
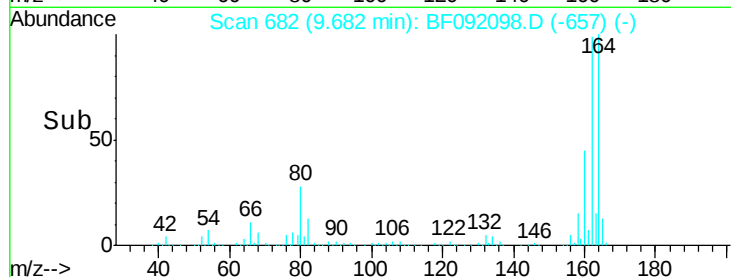
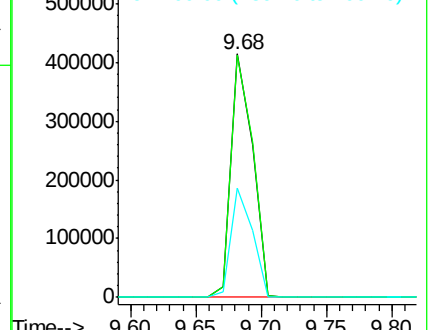
160 44.7 36.9 55.3



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: 147.54 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF092098.D

Acq: 5 Jan 2017 19:32

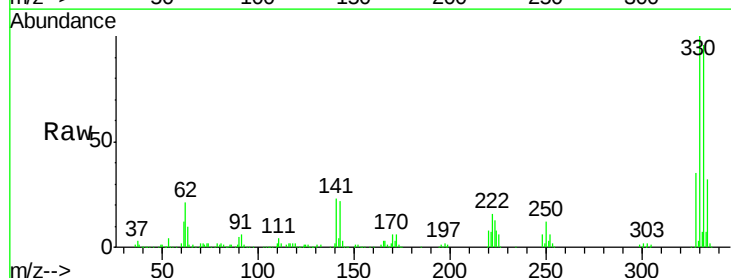
Tgt Ion:330 Resp: 583931

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

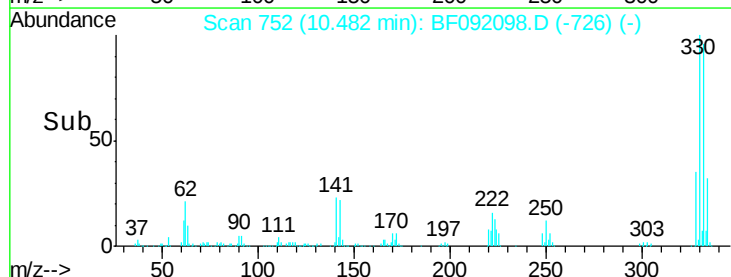
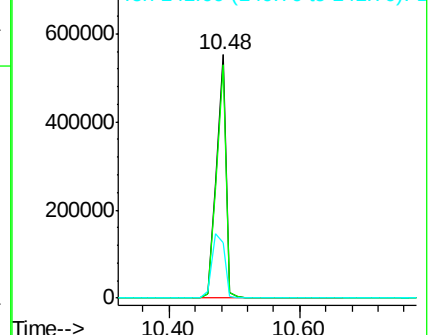
141 34.7 34.1 51.1

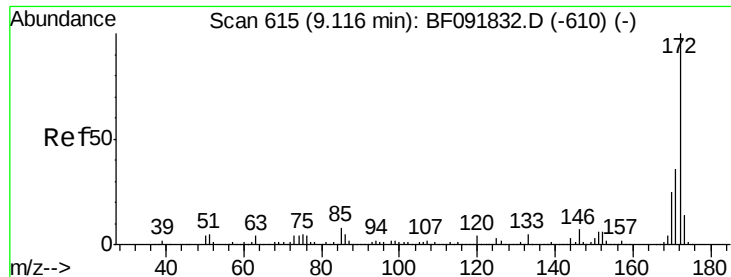


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

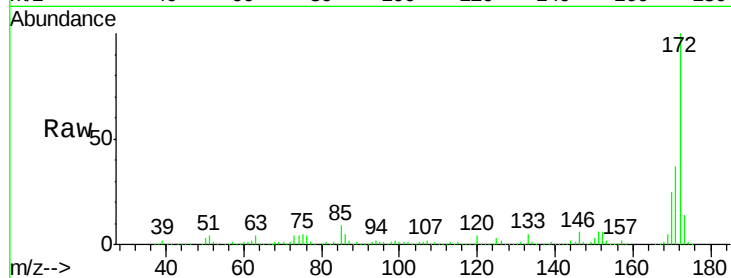




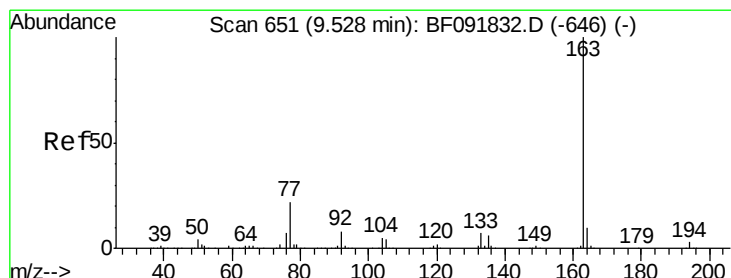
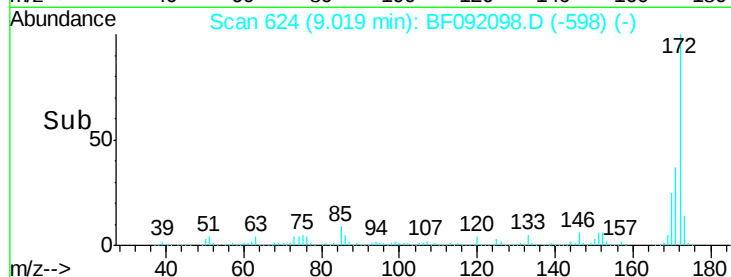
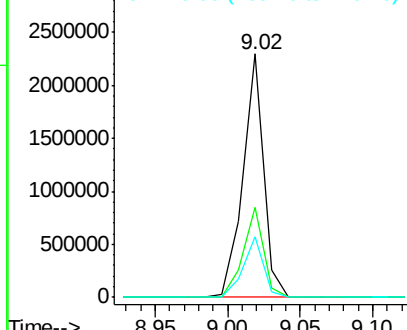
#44
2-Fluorobiphenyl
Concen: 99.69 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion:172 Resp: 2274821
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 25.1 20.2 30.4

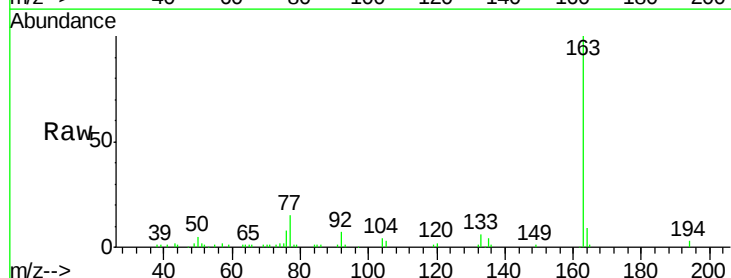


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

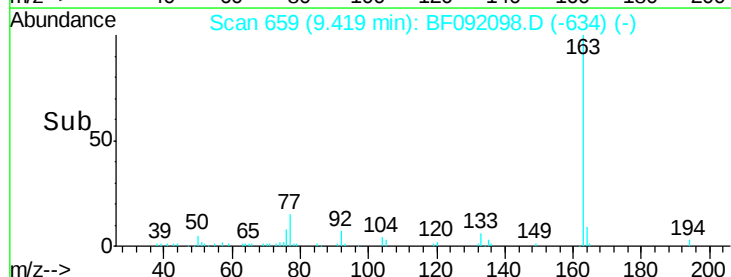
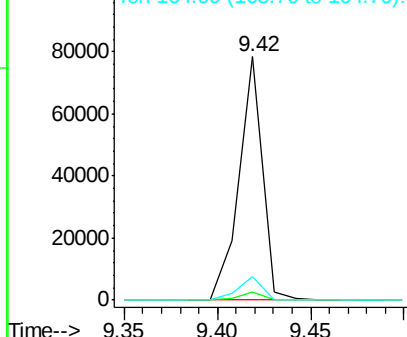


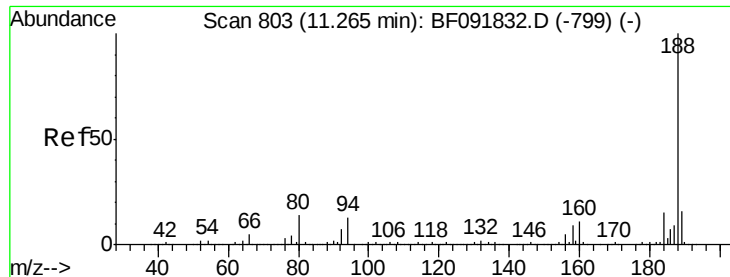
#49
Dimethylphthalate
Concen: 2.26 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Tgt Ion:163 Resp: 69066
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.5 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

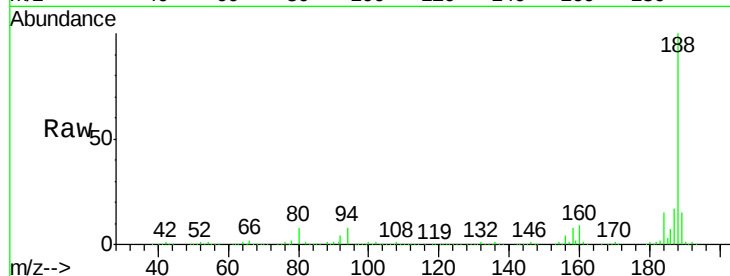




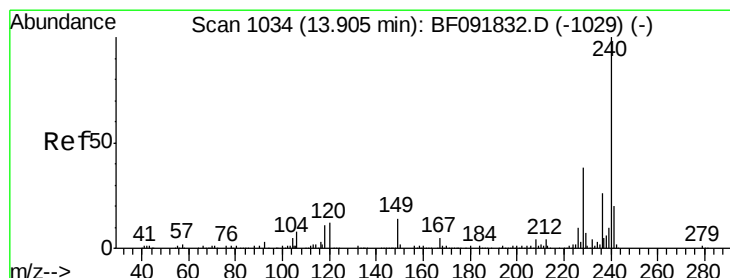
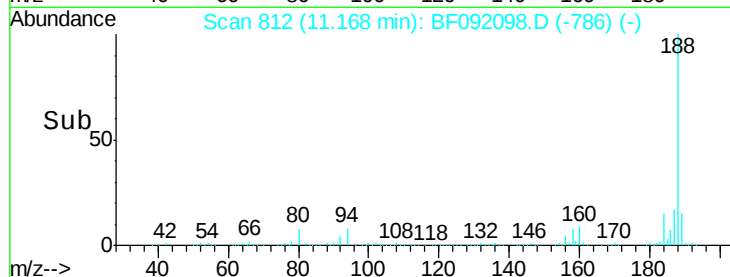
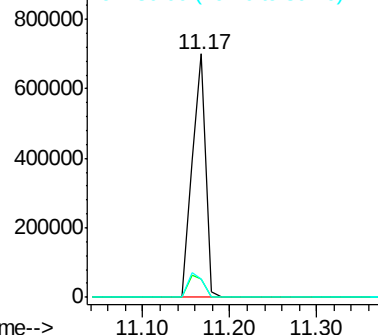
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Instrument :
BNA_F
ClientSampled :
MW-23

Tot Ion:188 Resp: 772236
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.6 11.2 16.8#

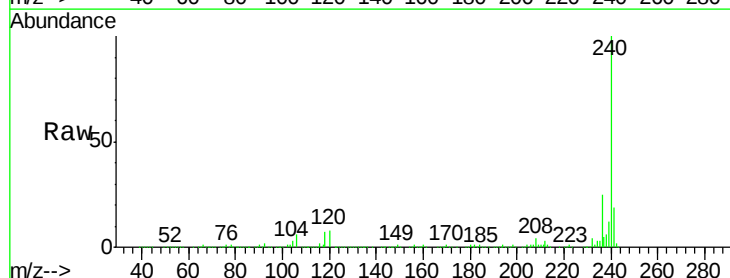


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

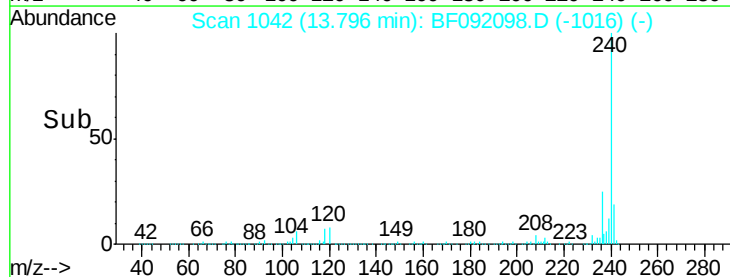
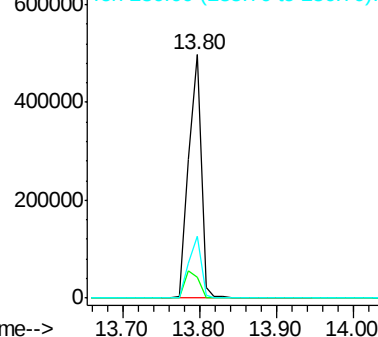


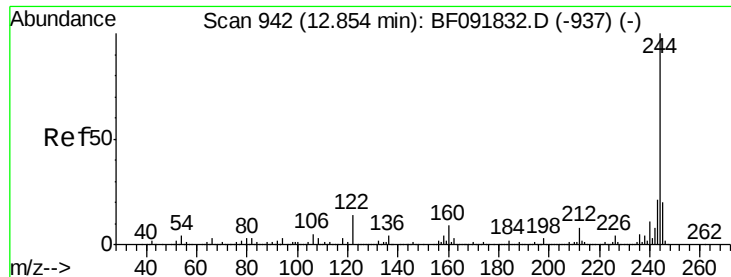
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092098.D
Acq: 5 Jan 2017 19:32

Tgt Ion:240 Resp: 563132
Ion Ratio Lower Upper
240 100
120 8.4 12.9 19.3#
236 25.5 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

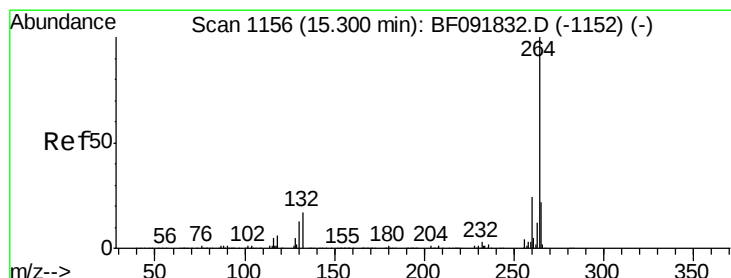
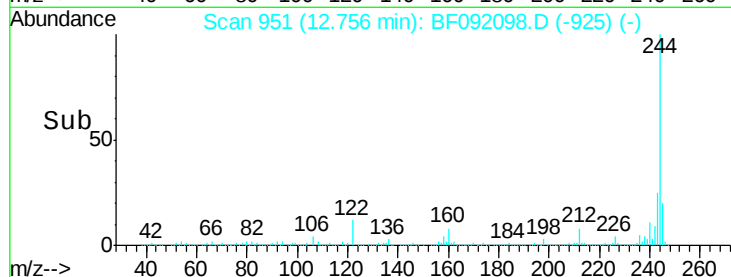
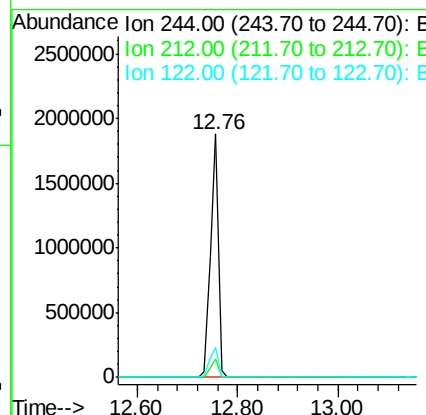
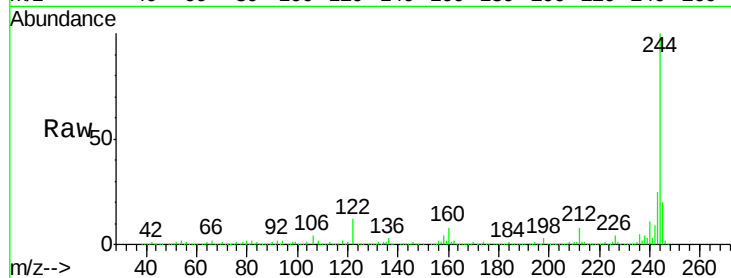




#78
 Terphenyl-d14
 Concen: 86.91 ng
 RT: 12.76 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Instrument :
 BNA_F
 ClientSampleID :
 MW-23

Tot Ion:244 Resp: 2017886
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF092098.D
 Acq: 5 Jan 2017 19:32

Tgt Ion:264 Resp: 430109
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.4 26.0

