

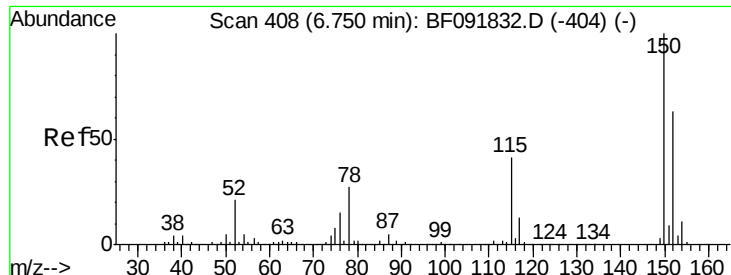
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092211.D
 Acq On : 12 Jan 2017 16:42
 Operator : UM/SJ
 Sample : I1029-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-004

Quant Time: Jan 12 23:42:09 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 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	156158	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	634540	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	330498	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	553923	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	419301	20.00	ng	-0.06
86) Perylene-d12	15.09	264	304444	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1784552	190.81	ng	-0.03
7) Phenol-d6	6.26	99	1680760	147.20	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1134648	99.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	449733	164.43	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1729956	111.23	ng	-0.05
78) Terphenyl-d14	12.70	244	1840240	106.44	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	117683	9.04	ng	Qvalue 79
15) Benzyl Alcohol	6.74	79	19491	2.20	ng	# 48
19) n-Nitroso-di-n-propylamine	7.17	70	153534	20.21	ng	# 76
25) Isophorone	7.17	82	1124071	53.39	ng	# 65
37) 2-Methylnaphthalene	8.60	142	764	Below	Cal	97
49) Dimethylphthalate	9.36	163	174745	8.27	ng	99
56) 2,4-Dinitrotoluene	9.62	165	42422	7.31	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	29273	5.08	ng	# 1
71) Anthracene	11.18	178	1826	Below	Cal	95
73) Di-n-butylphthalate	11.68	149	7505	Below	Cal	99
74) Fluoranthene	12.31	202	30752	Below	Cal	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092211.D

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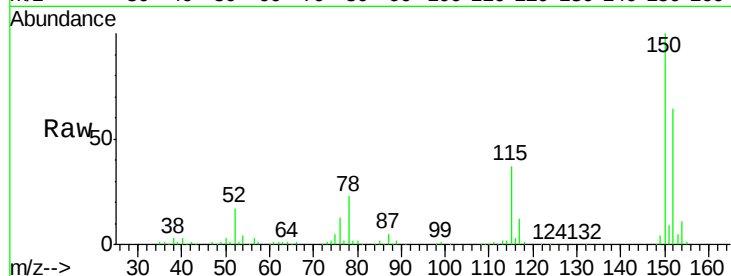
Tgt Ion:152 Resp: 156158

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

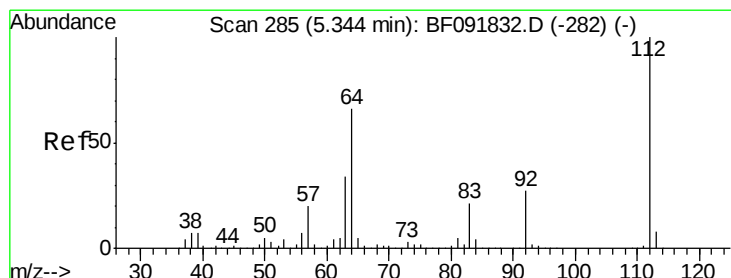
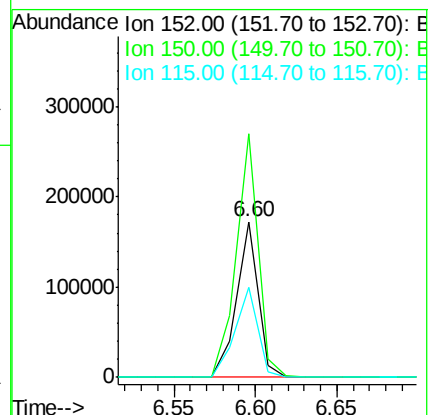
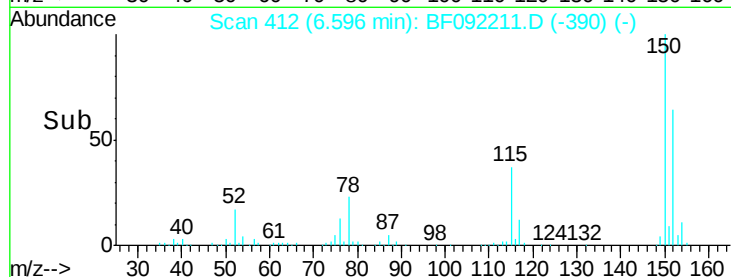
115 58.1 46.0 69.0



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: 190.81 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

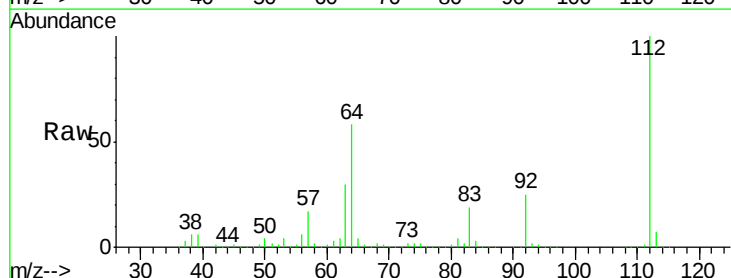
Tgt Ion:112 Resp: 1784552

Ion Ratio Lower Upper

112 100

64 58.4 46.1 69.1

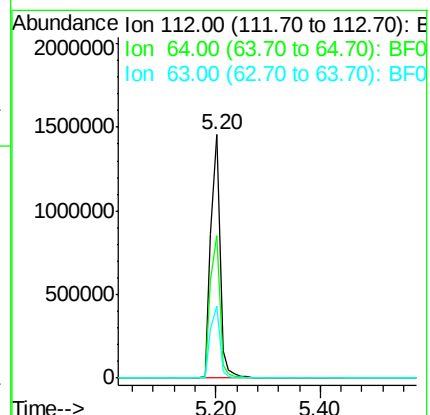
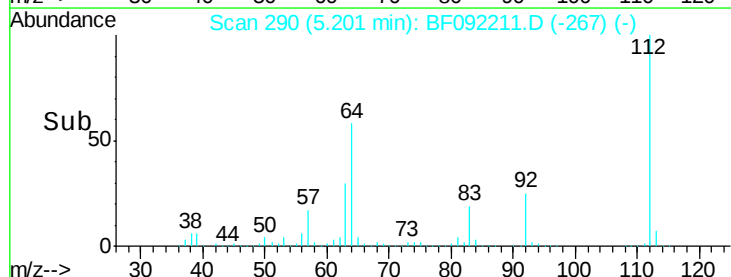
63 29.8 23.8 35.6

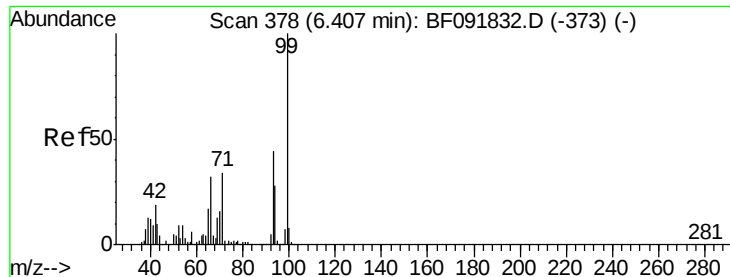


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.20 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

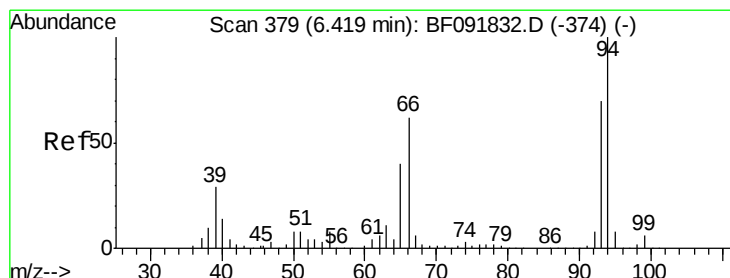
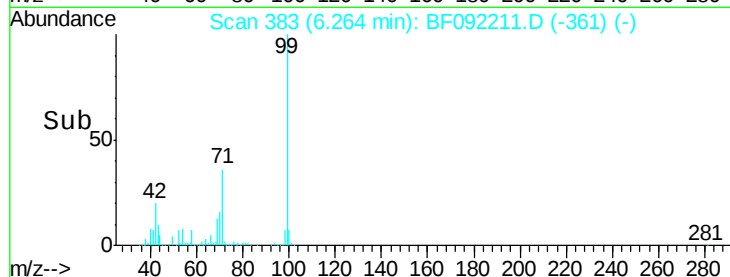
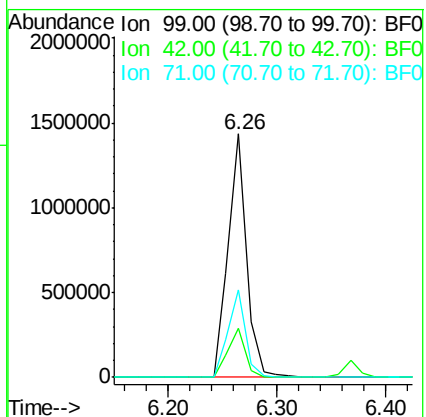
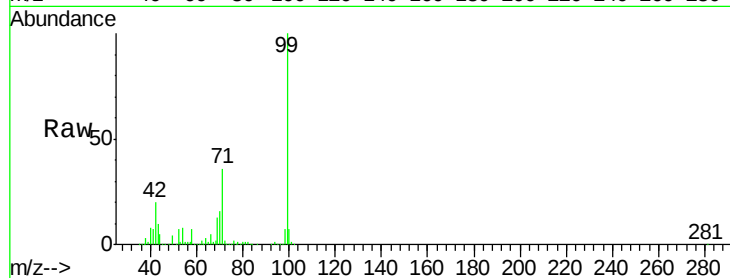
Tgt Ion: 99 Resp: 1680760

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 35.7 27.5 41.3



#10

Phenol

Concen: 9.04 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

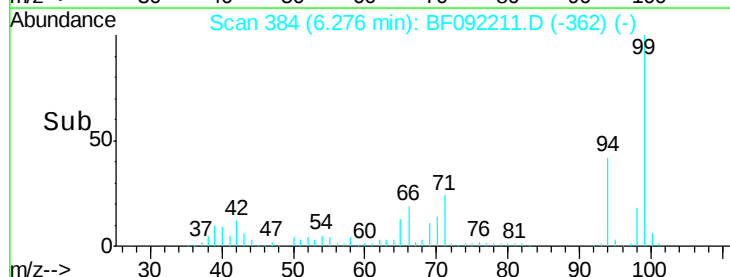
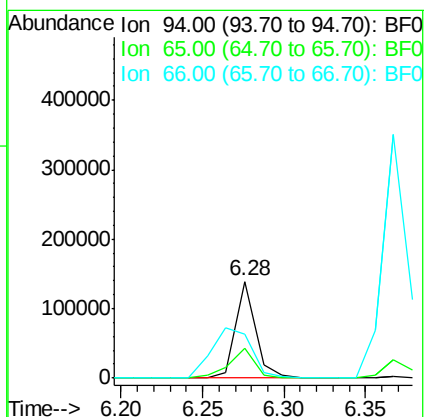
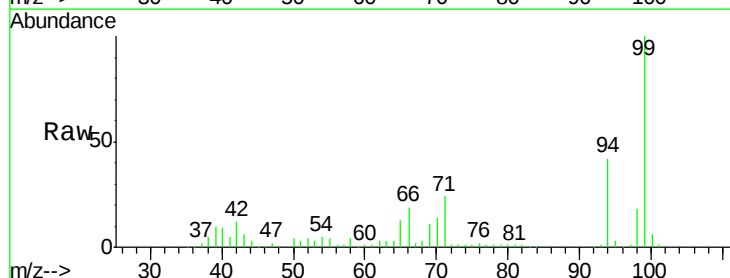
Tgt Ion: 94 Resp: 117683

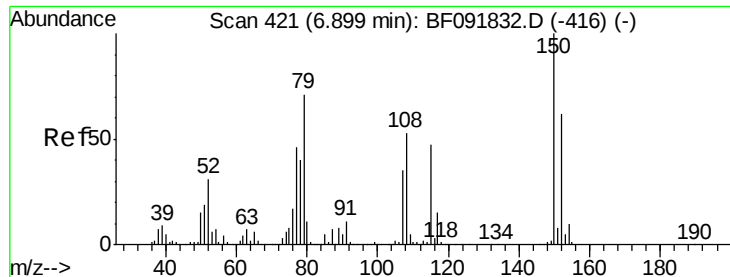
Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

66 45.7 44.0 84.0





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

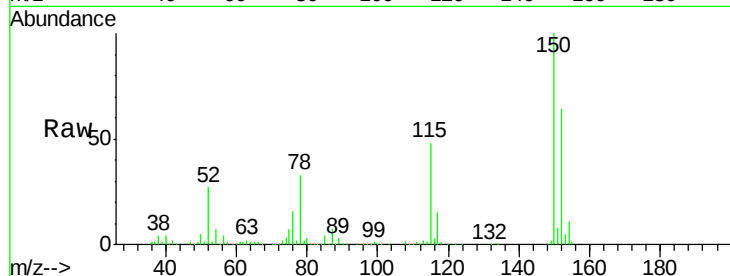
Tgt Ion: 79 Resp: 19491

Ion Ratio Lower Upper

79 100

108 29.3 61.4 92.0#

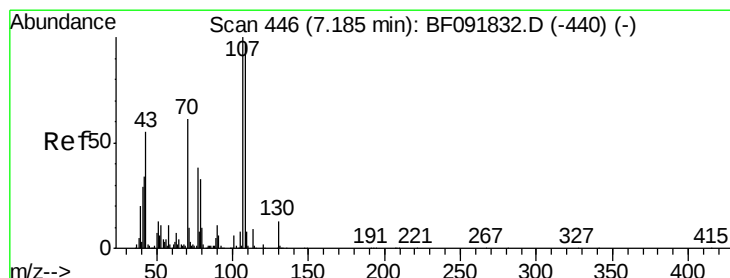
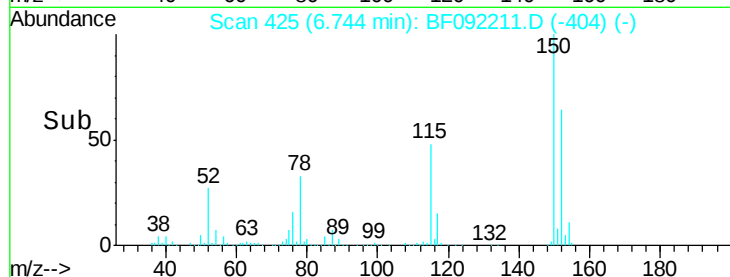
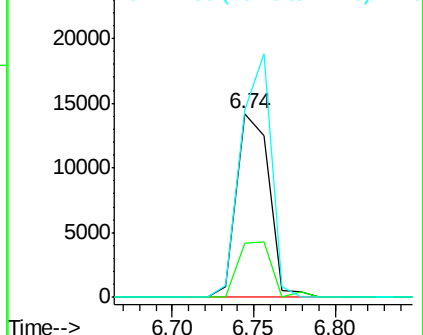
77 101.9 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.21 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Tgt Ion: 70 Resp: 153534

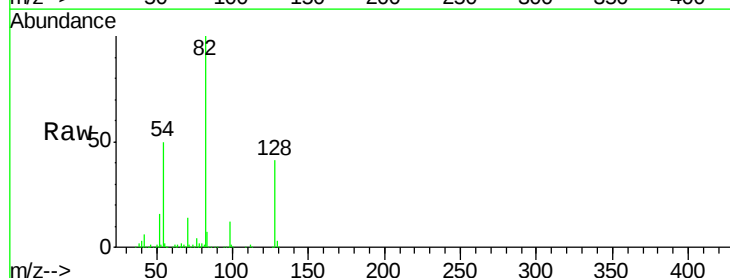
Ion Ratio Lower Upper

70 100

42 45.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

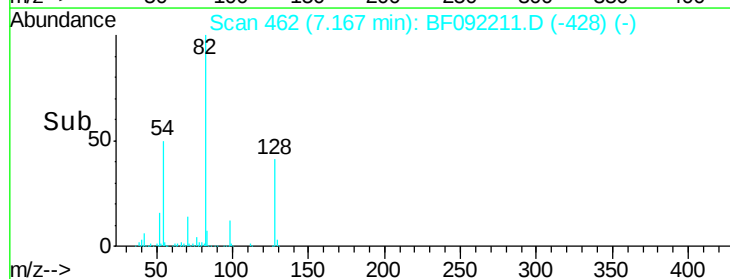
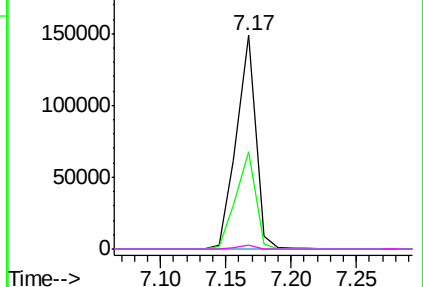


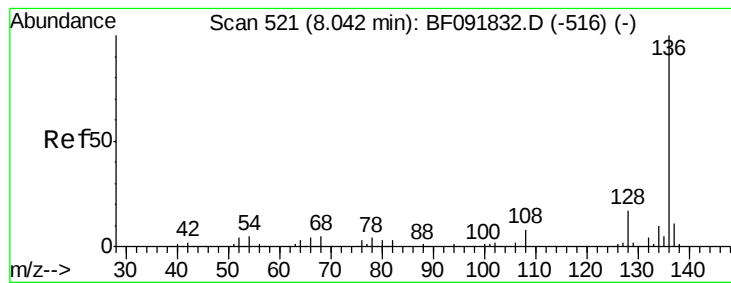
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

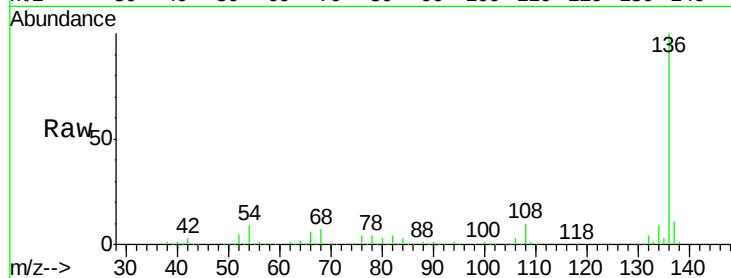




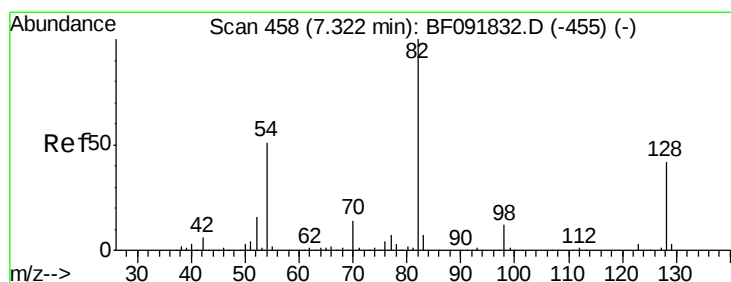
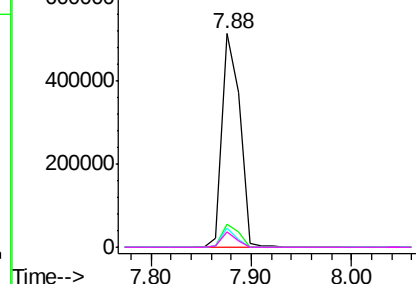
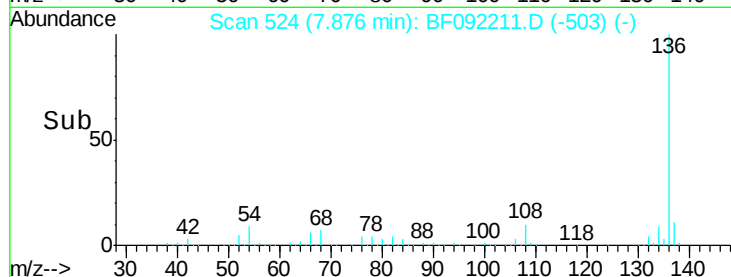
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tgt Ion: 136 Resp: 634540
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.1 4.5 6.7#
68 7.2 3.6 5.4#

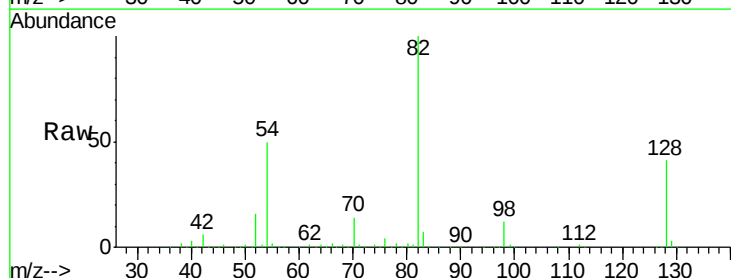


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

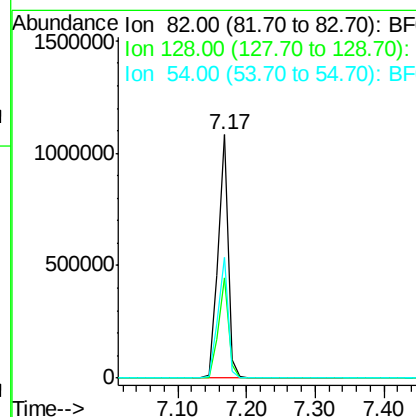
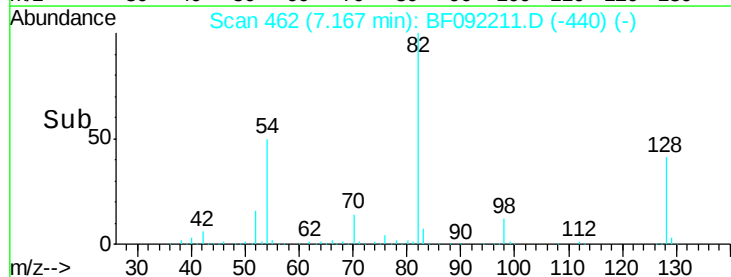


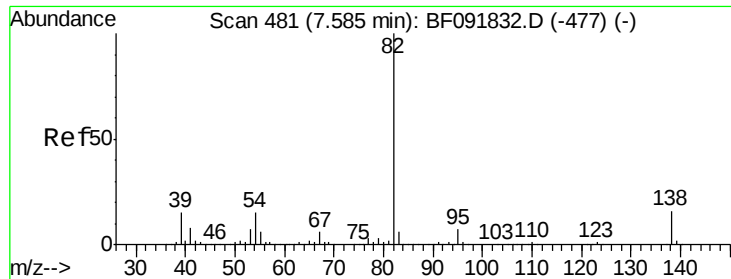
#23
Nitrobenzene-d5
Concen: 99.43 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion: 82 Resp: 1134648
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 49.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.39 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

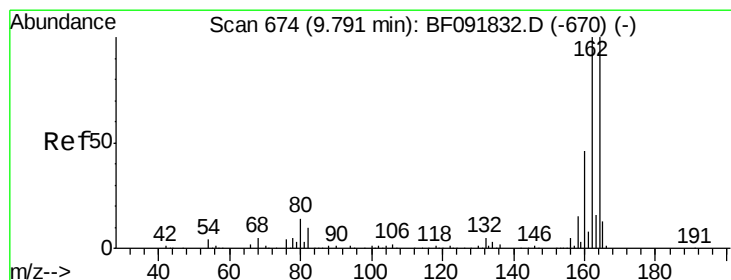
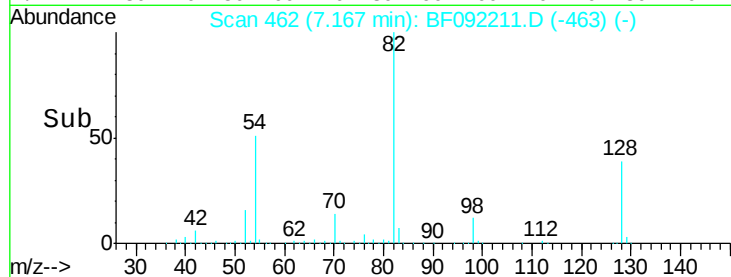
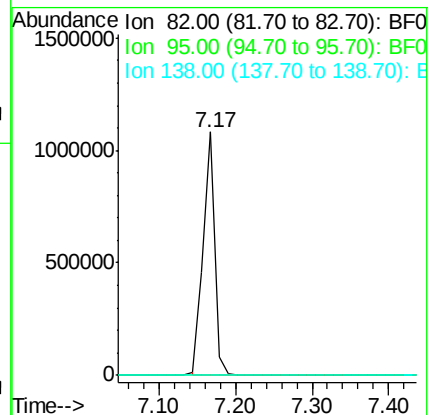
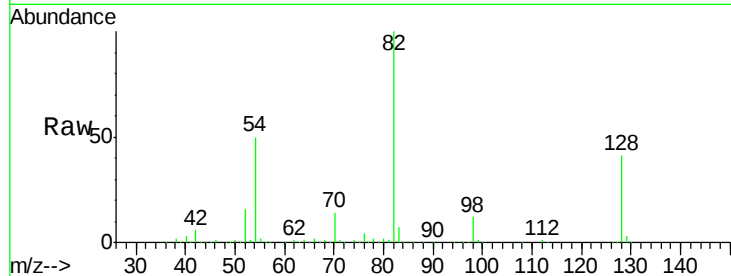
Tgt Ion: 82 Resp: 1124071

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

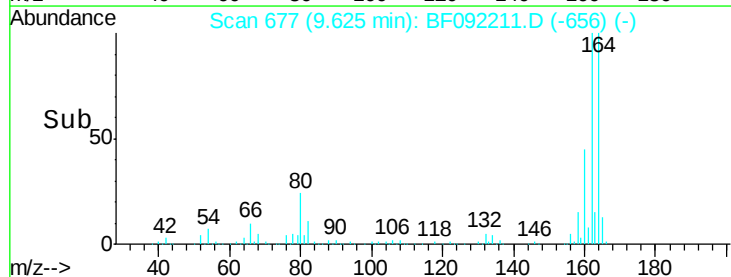
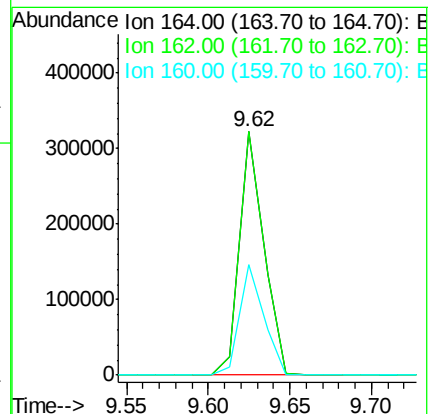
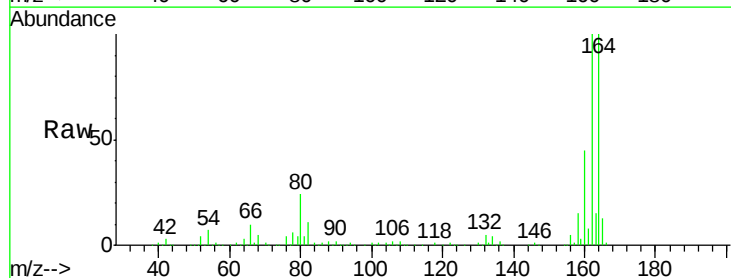
Tgt Ion: 164 Resp: 330498

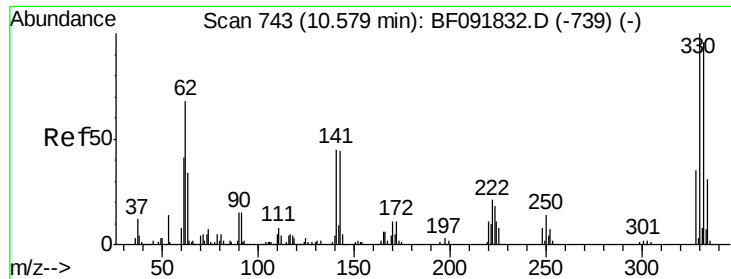
Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 45.2 36.9 55.3

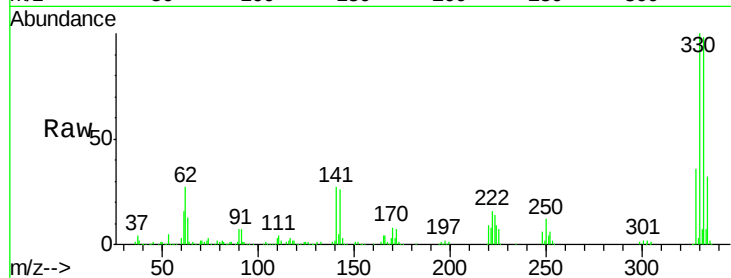




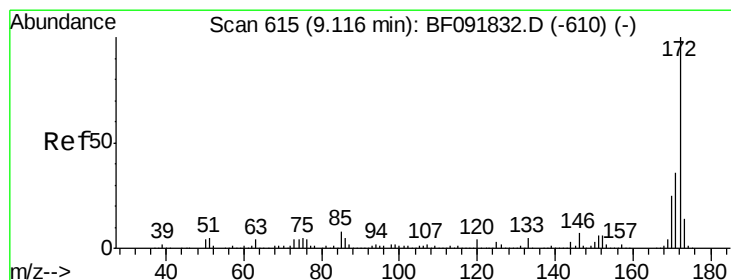
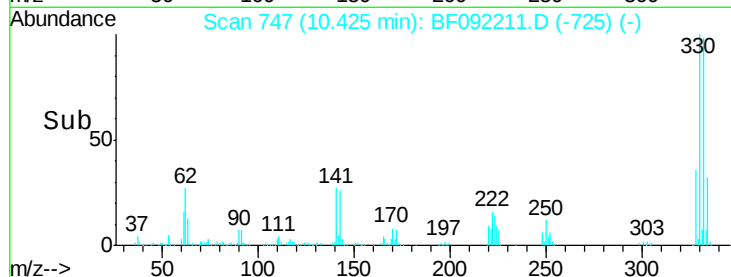
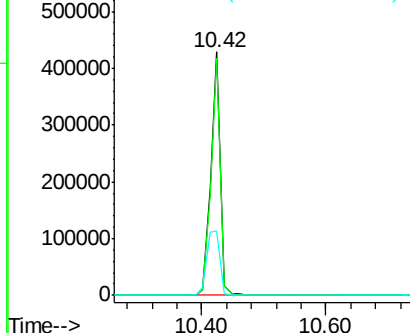
#41
 2,4,6-Tribromophenol
 Concen: 164.43 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092211.D
 Acq: 12 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 COMP-004

Tgt Ion:330 Resp: 449733
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.3 34.1 51.1

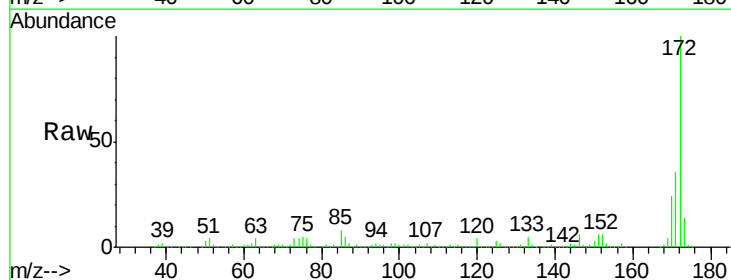


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

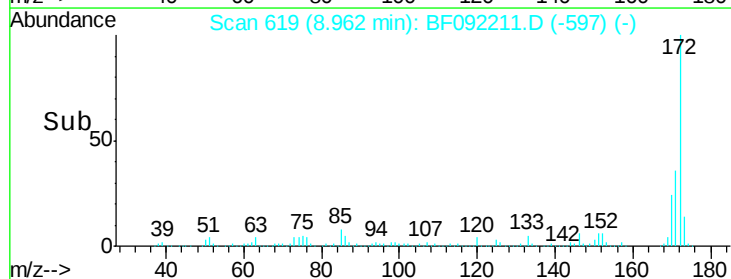
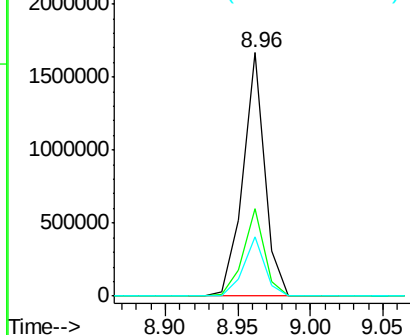


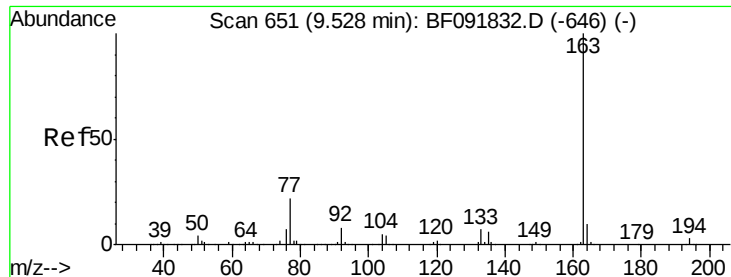
#44
 2-Fluorobiphenyl
 Concen: 111.23 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092211.D
 Acq: 12 Jan 2017 16:42

Tgt Ion:172 Resp: 1729956
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.3 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

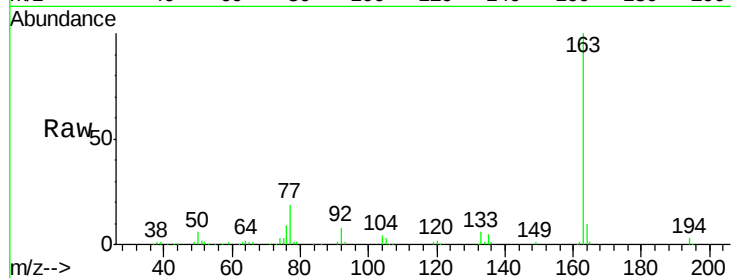




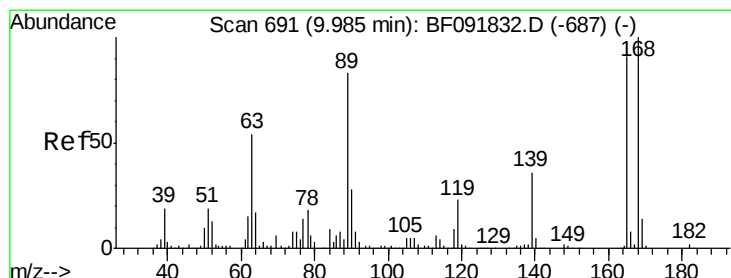
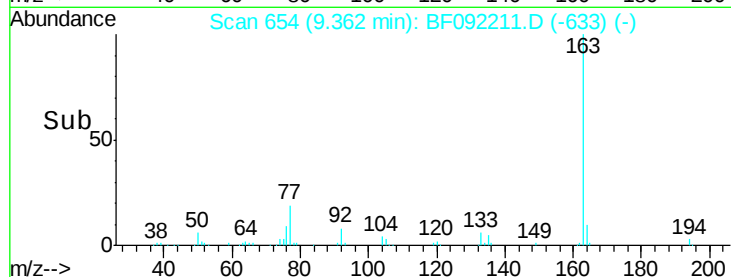
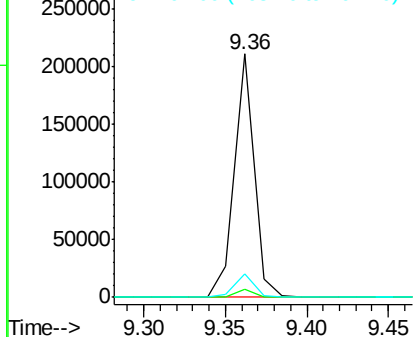
#49
Dimethylphthalate
Concen: 8.27 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampled :
COMP-004

Tgt Ion:163 Resp: 174745
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.6 8.0 12.0

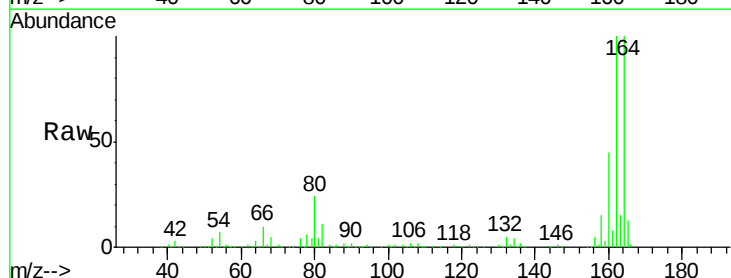


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

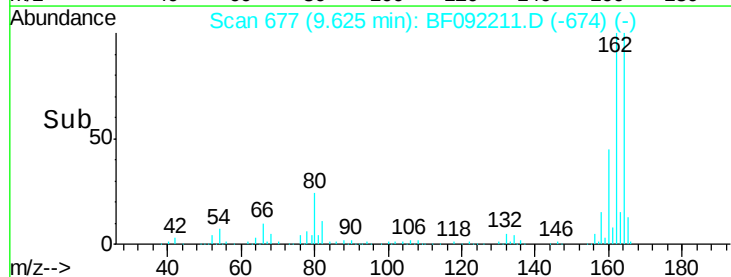
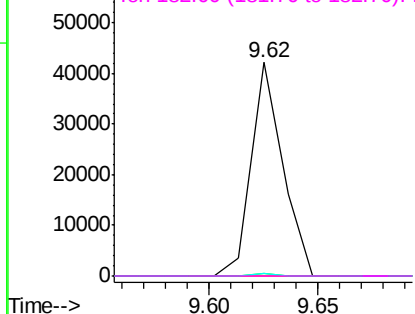


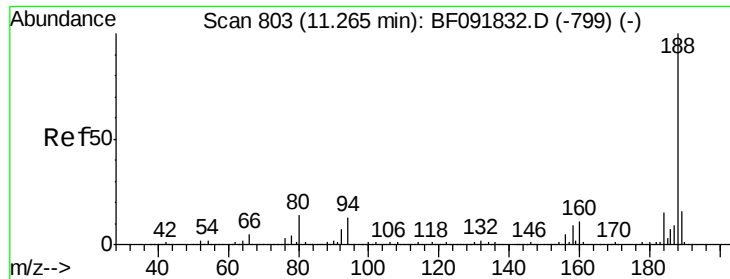
#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:165 Resp: 42422
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

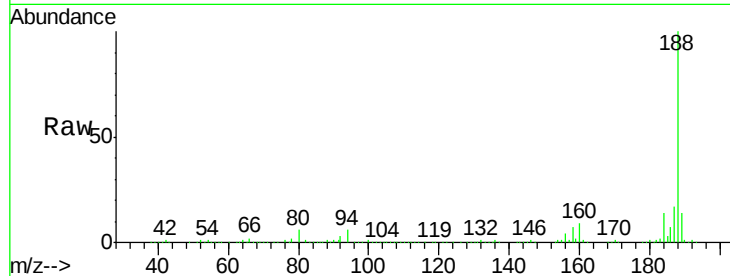




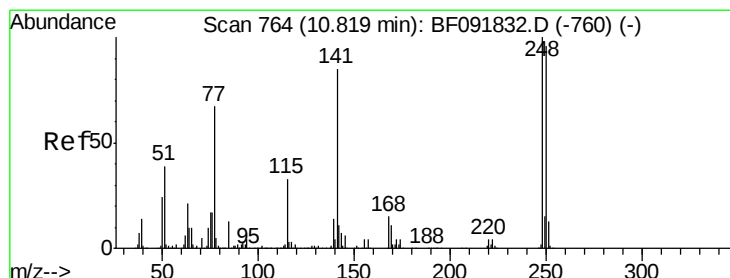
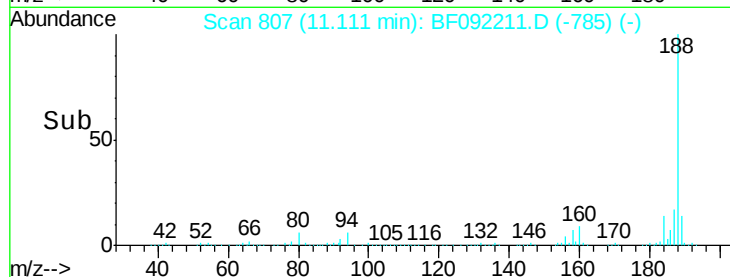
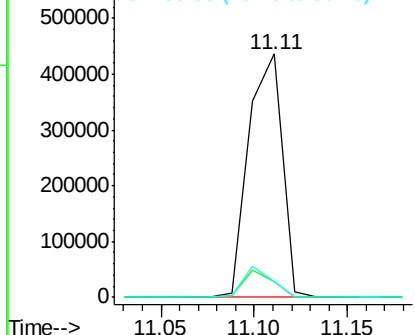
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tgt Ion:188 Resp: 553923
Ion Ratio Lower Upper
188 100
94 6.4 10.0 15.0#
80 6.4 11.2 16.8#

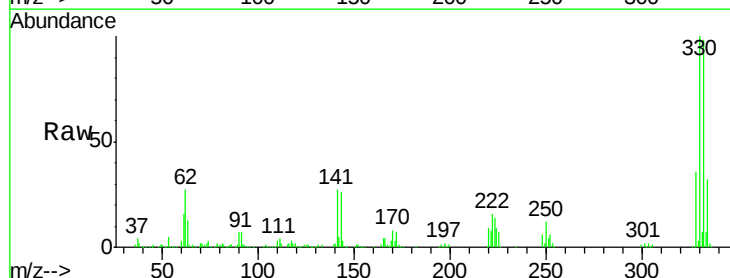


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

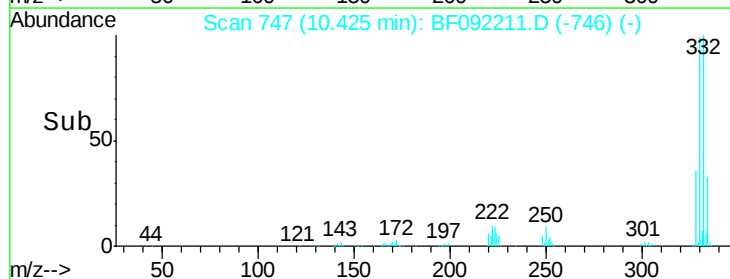
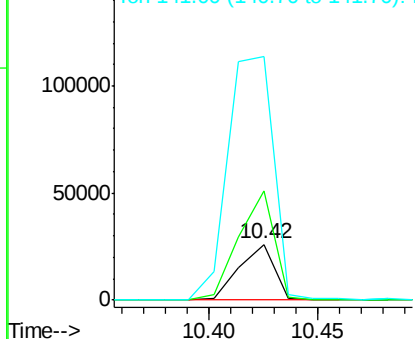


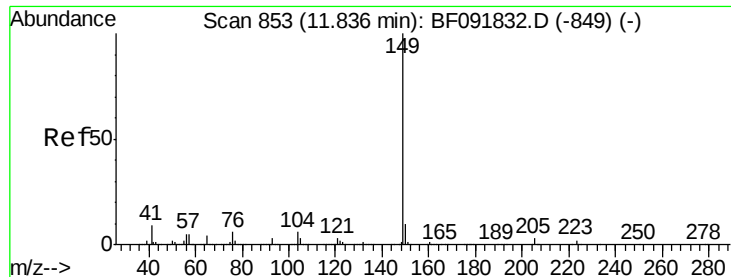
#66
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:248 Resp: 29273
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 434.3 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: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

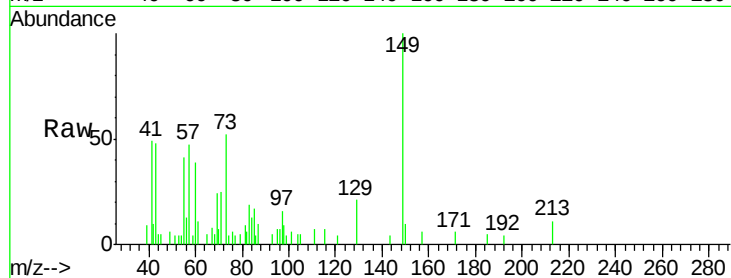
Tgt Ion:149 Resp: 7505

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

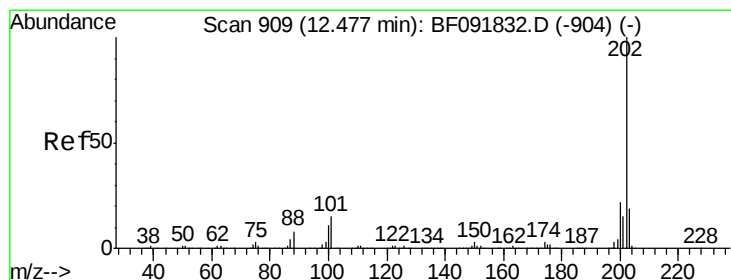
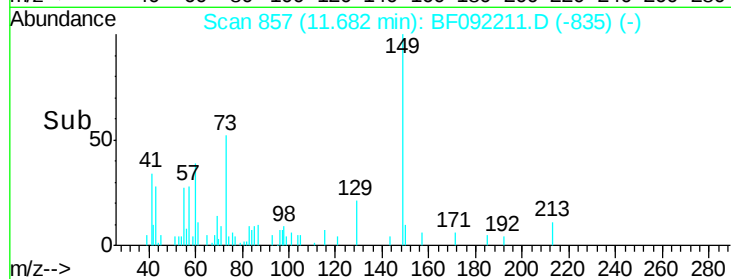
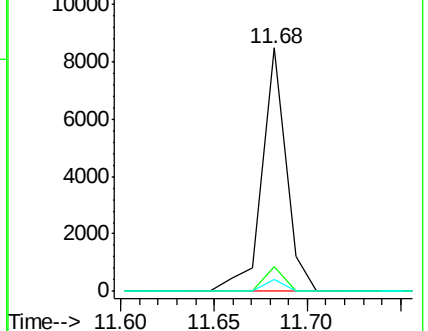
104 5.1 4.6 7.0



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: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

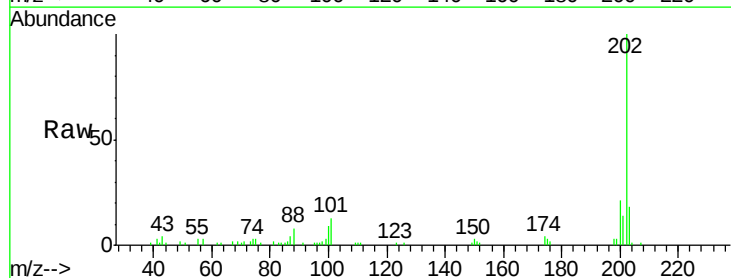
Tgt Ion:202 Resp: 30752

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

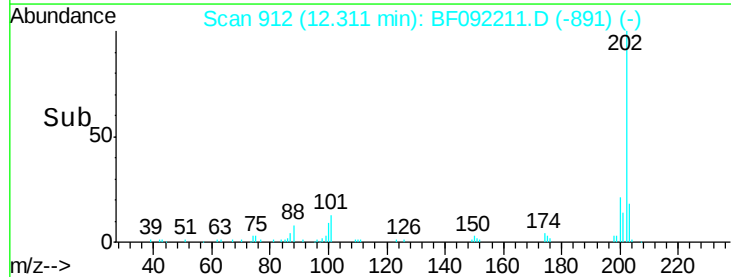
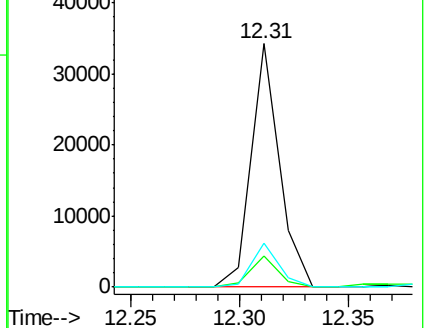
203 18.2 0.0 38.7

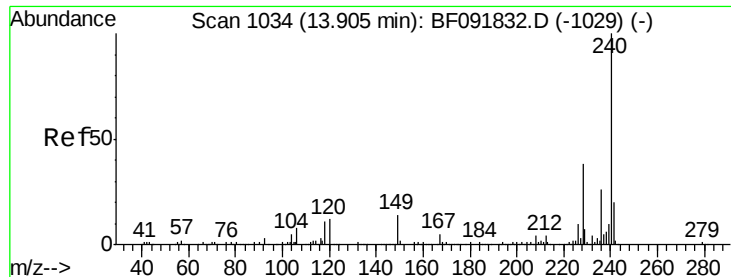


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

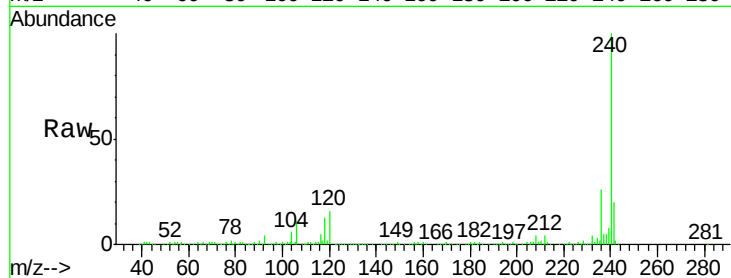
Tgt Ion:240 Resp: 419301

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

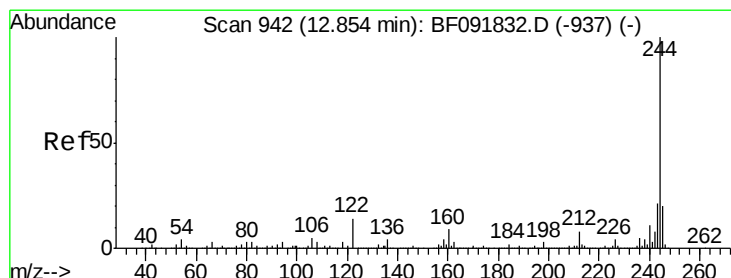
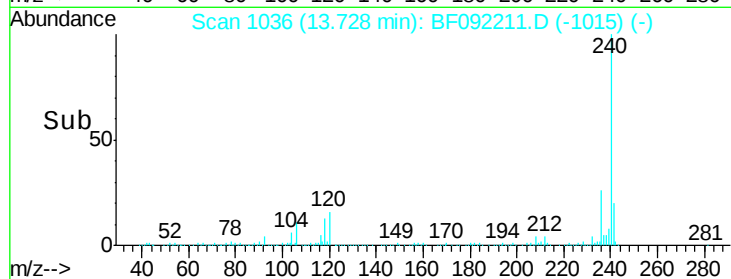
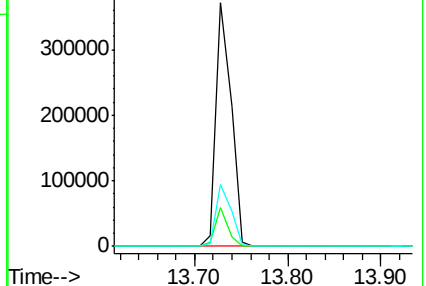
236 25.6 20.9 31.3



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: 106.44 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

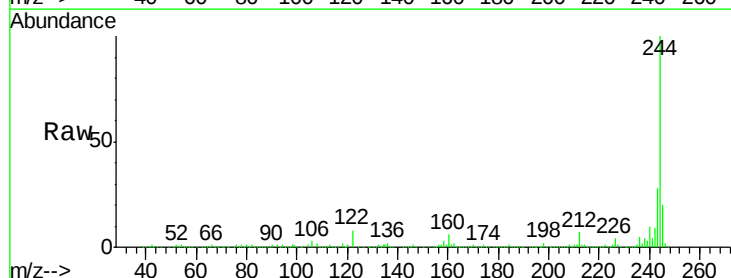
Tgt Ion:244 Resp: 1840240

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

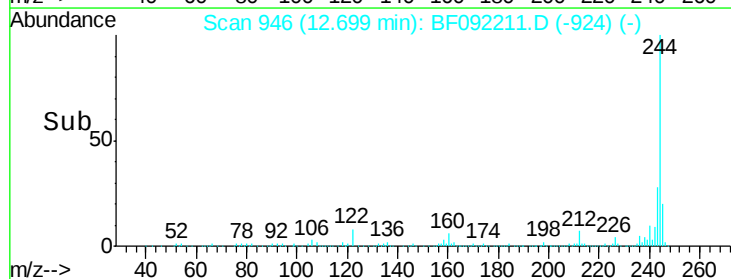
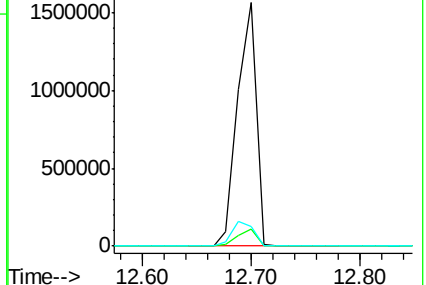
122 8.2 11.4 17.2#

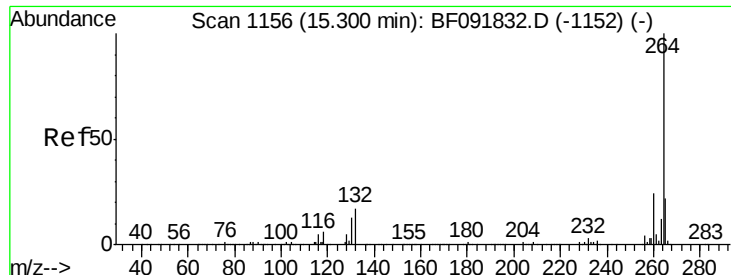


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

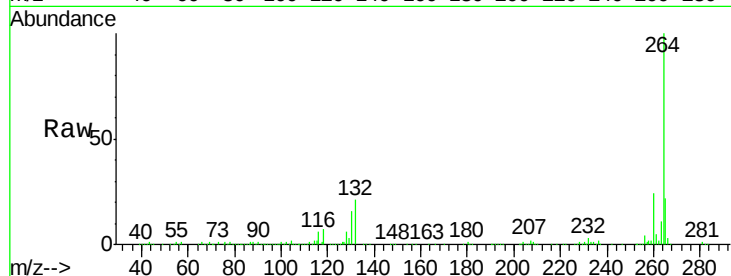




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tgt Ion: 264 Resp: 304444
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 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

