

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092295.D
 Acq On : 16 Jan 2017 20:00
 Operator : UM/SJ
 Sample : I1197-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Jan 17 00:45:35 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

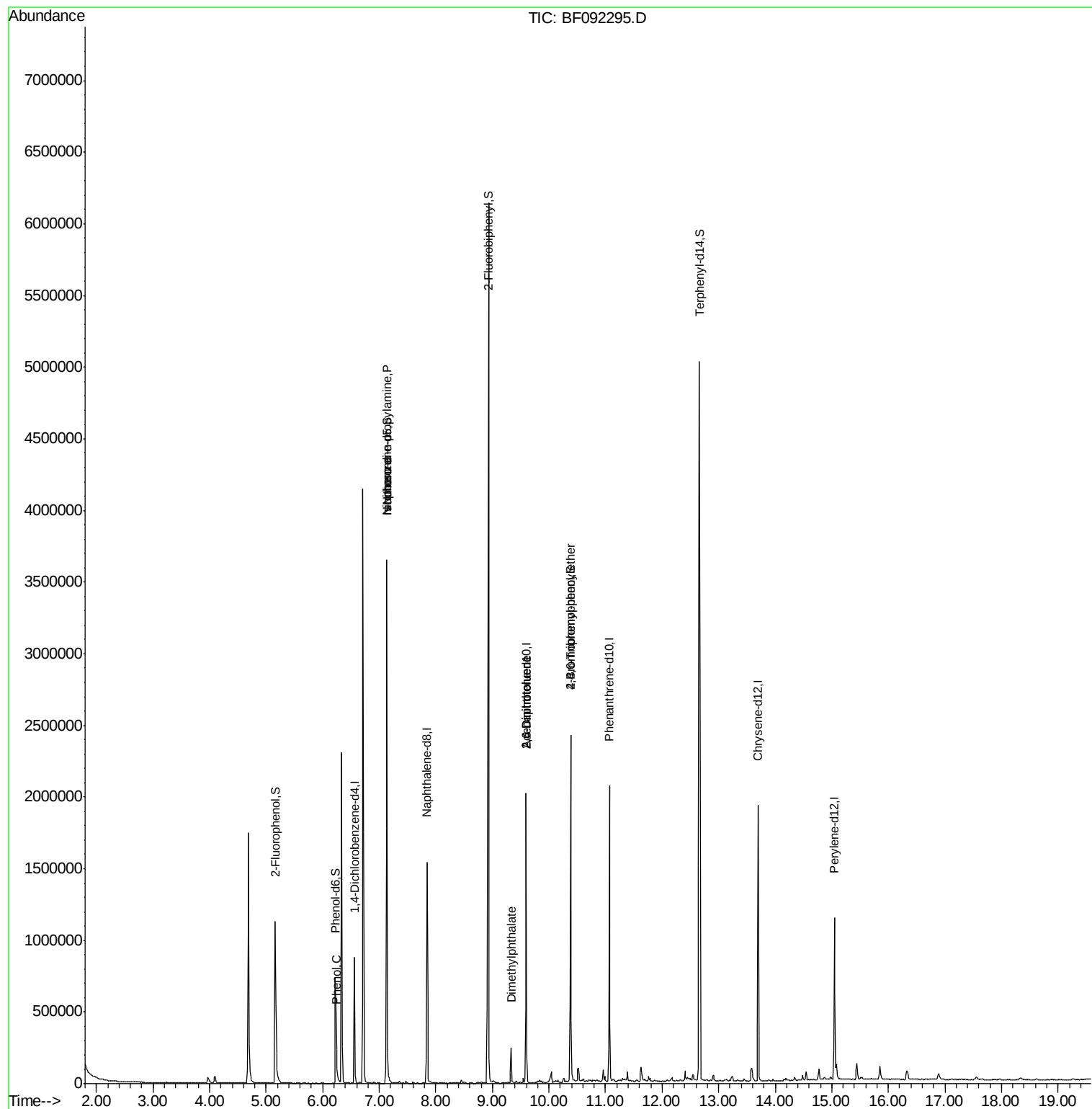
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	207861	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	808218	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	449528	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	742404	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	654835	20.00	ng	-0.09
86) Perylene-d12	15.05	264	507067	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	456491	36.67	ng	-0.08
7) Phenol-d6	6.22	99	390182	25.67	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1432601	98.56	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	289460	77.81	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	2283302	107.48	ng	-0.08
78) Terphenyl-d14	12.66	244	2181388	80.79	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.24	77	1155	Below Cal	#	1
10) Phenol	6.24	94	59066	3.41 ng	#	70
19) n-Nitroso-di-n-propylamine	7.14	70	193579	19.14 ng	#	76
25) Isophorone	7.14	82	1402814	52.31 ng	#	65
49) Dimethylphthalate	9.33	163	112340	3.91 ng		99
50) 2,6-Dinitrotoluene	9.59	165	58585	9.31 ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	58576	7.42 ng	#	20
66) 4-Bromophenyl-phenylether	10.38	248	18673	2.42 ng	#	1
71) Anthracene	11.09	178	1579	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	17199	Below Cal		99
74) Fluoranthene	12.28	202	527	Below Cal		61
76) Benzydine	12.66	184	28116	Below Cal		98

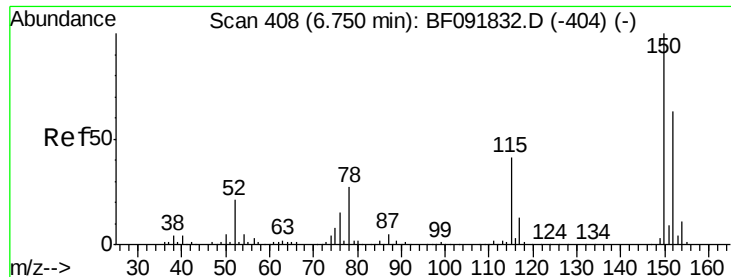
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

W-37

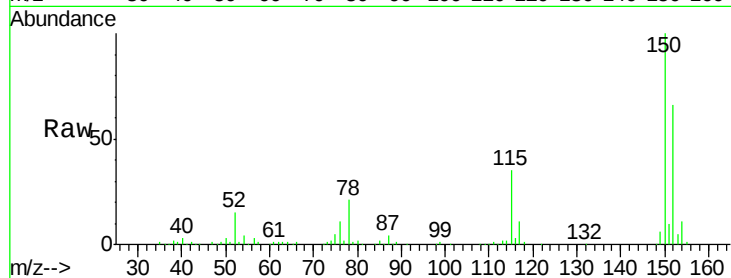
Tgt Ion:152 Resp: 207861

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

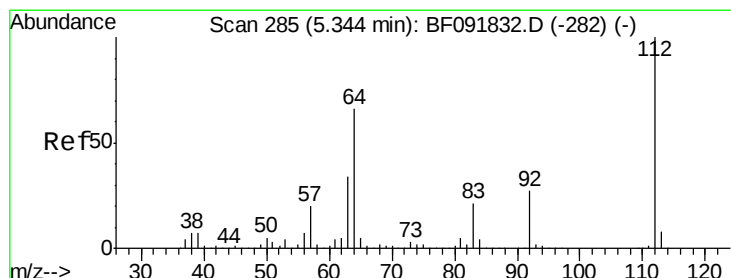
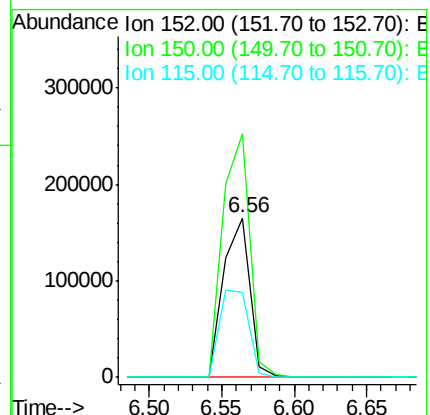
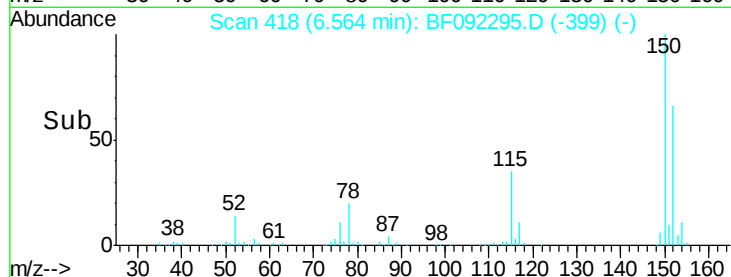
115 53.2 46.0 69.0



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: 36.67 ng

RT: 5.16 min Scan# 295

Delta R.T. -0.08 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

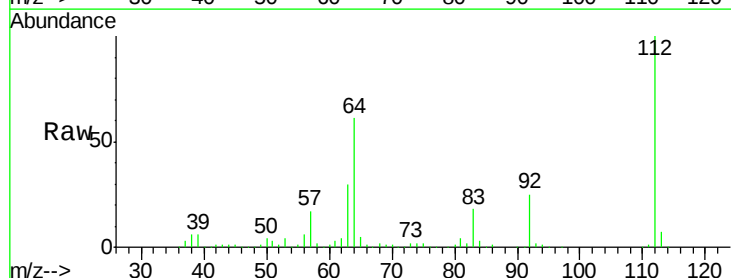
Tgt Ion:112 Resp: 456491

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

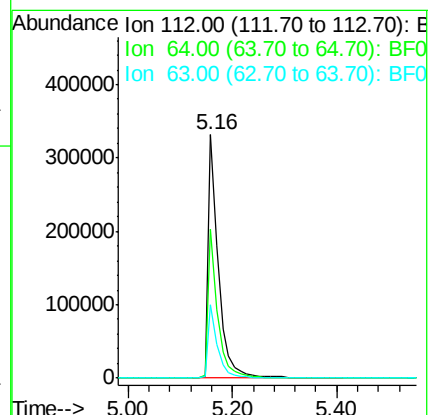
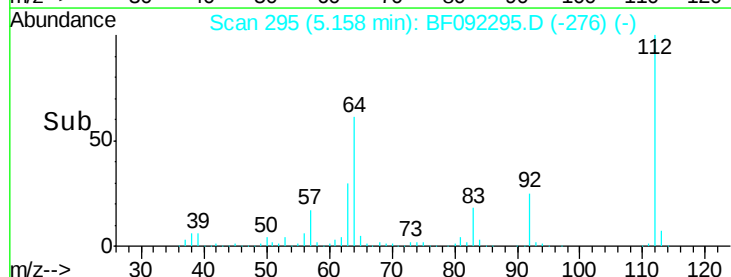
63 30.1 23.8 35.6

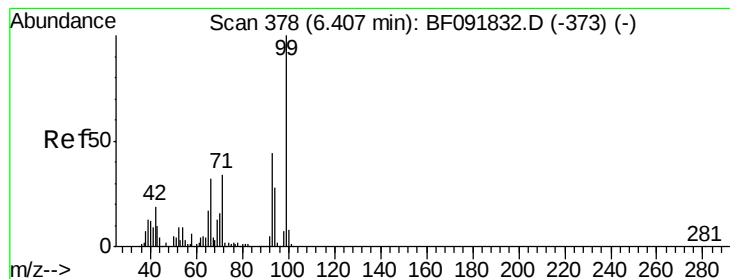


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.67 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

W-37

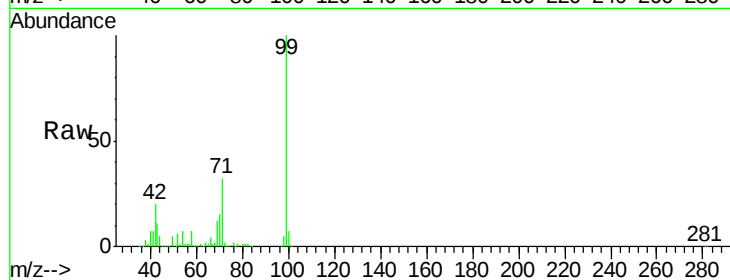
Tgt Ion: 99 Resp: 390182

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

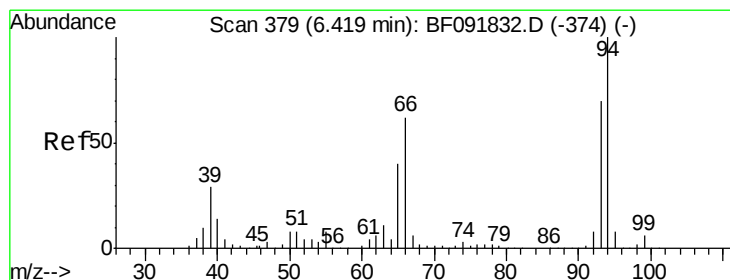
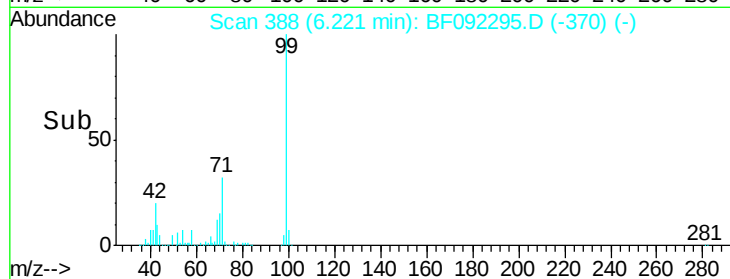
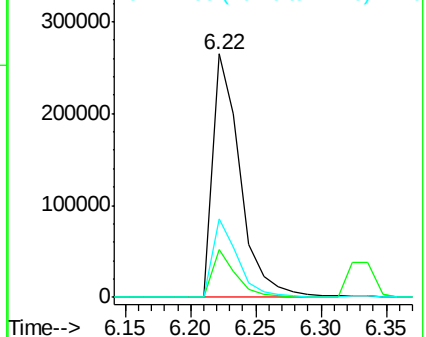
71 32.2 27.5 41.3



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: 3.41 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

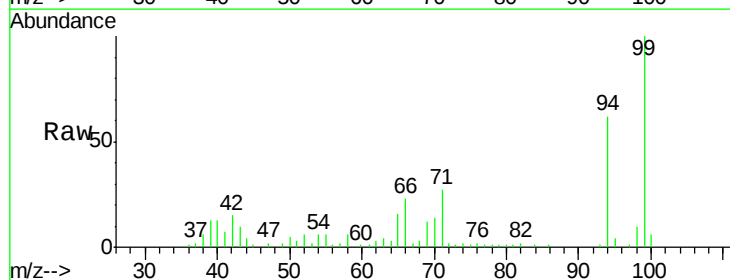
Tgt Ion: 94 Resp: 59066

Ion Ratio Lower Upper

94 100

65 26.3 21.4 61.4

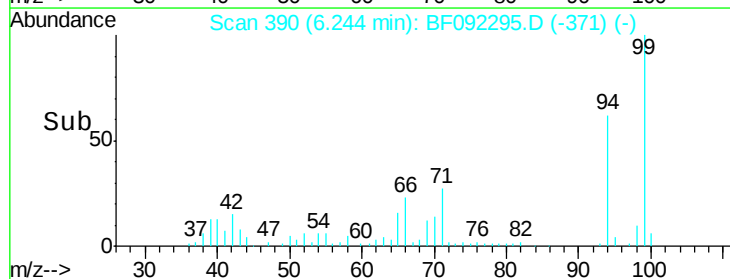
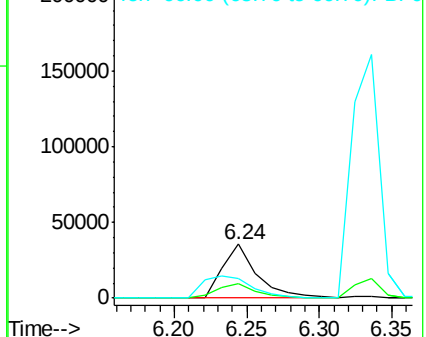
66 37.3 44.0 84.0#



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

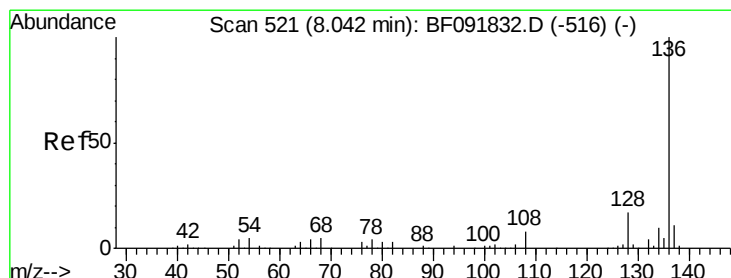
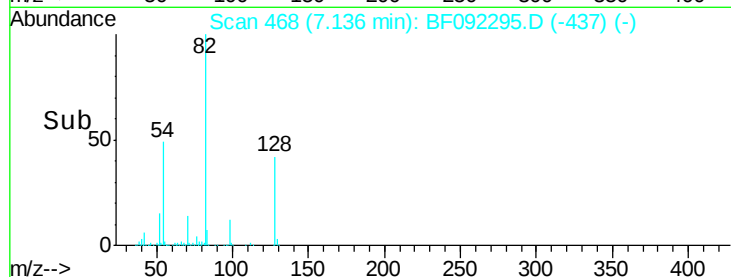
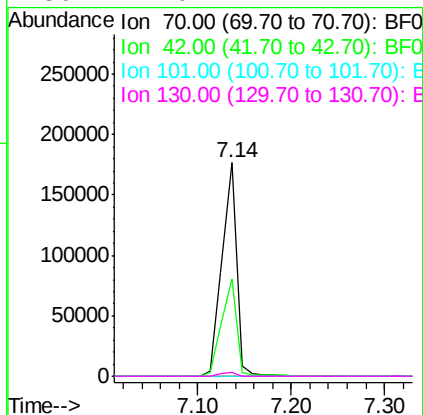
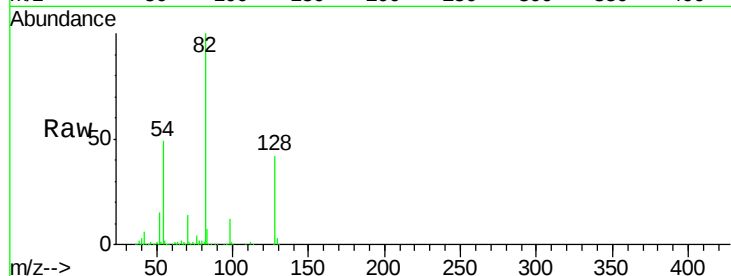




#19
n-Nitroso-di-n-propylamine
Concen: 19.14 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.06 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

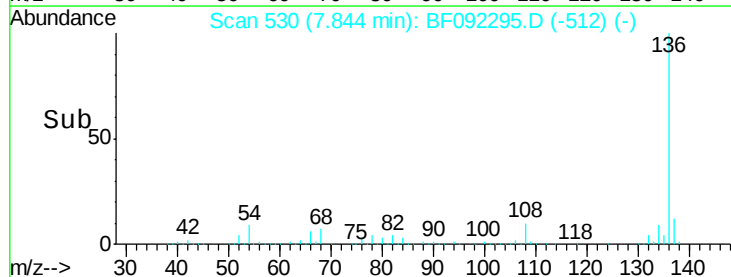
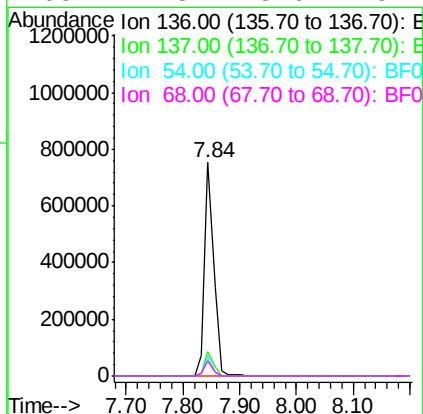
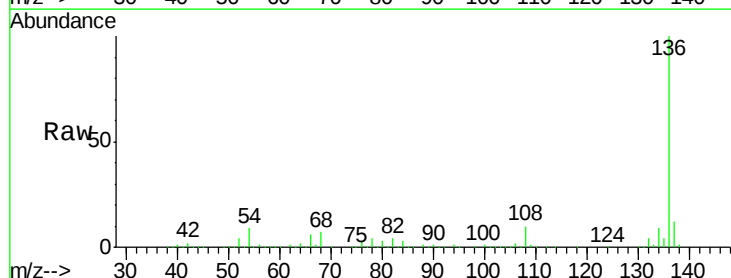
Instrument :
BNA_F
ClientSampleId :
W-37

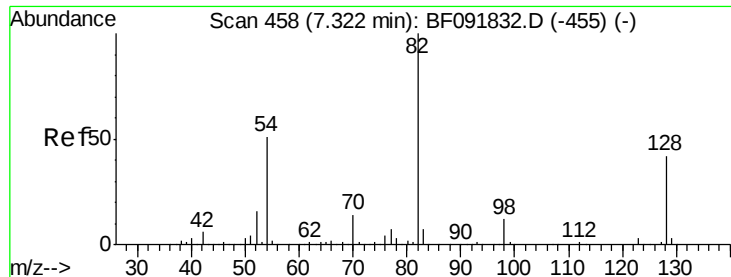
Tgt Ion: 70 Resp: 193579
Ion Ratio Lower Upper
70 100
42 45.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Tgt Ion: 136 Resp: 808218
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 9.2 4.5 6.7#
68 7.3 3.6 5.4#

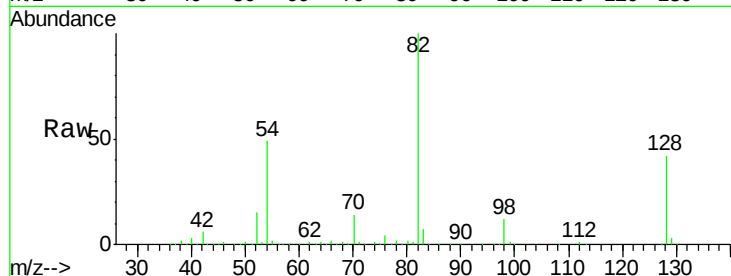




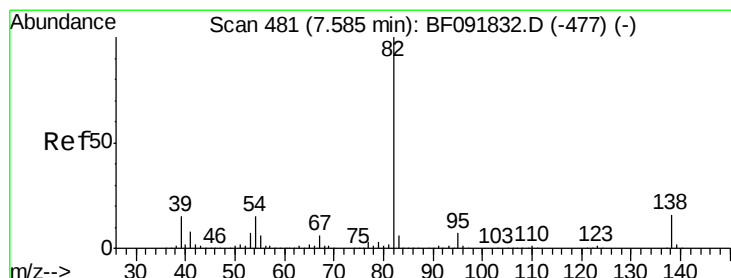
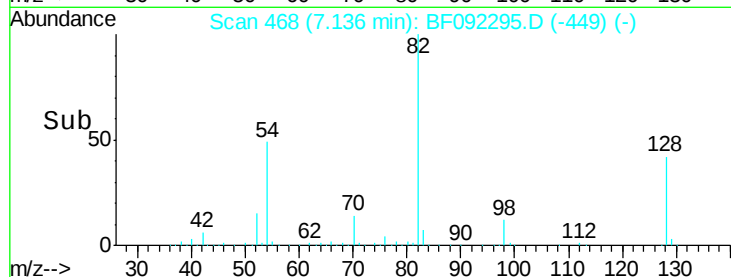
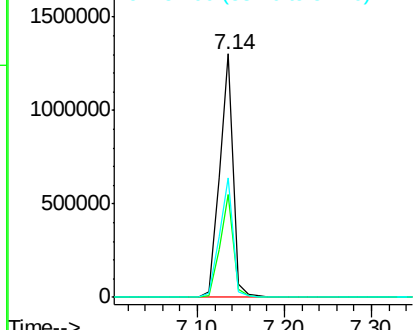
#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 82 Resp: 1432601
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 48.8 39.5 59.3

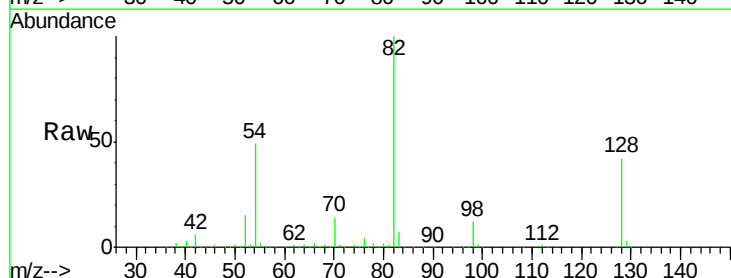


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

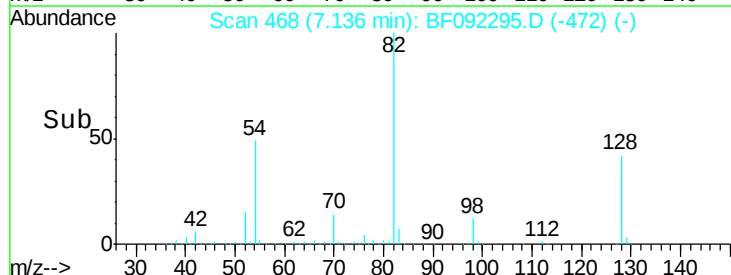
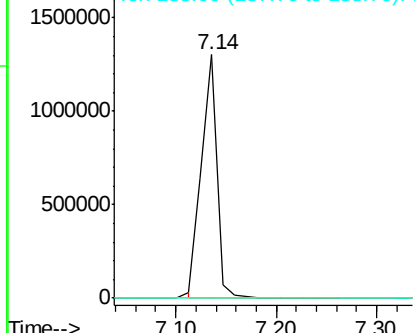


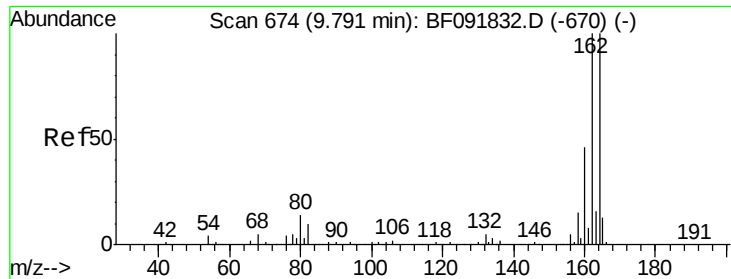
#25
Isophorone
Concen: 52.31 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.34 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Tgt Ion: 82 Resp: 1402814
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

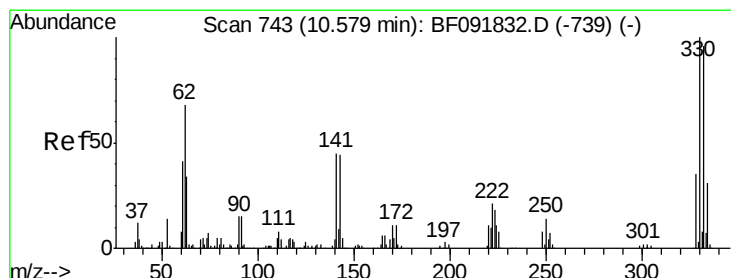
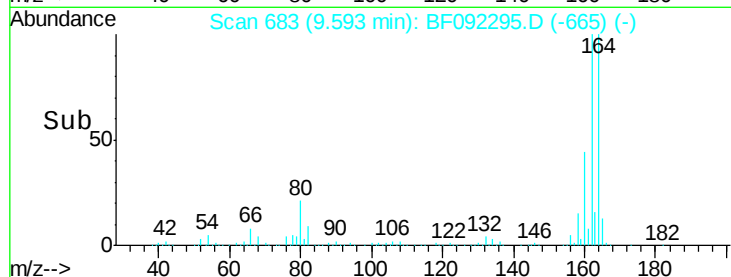
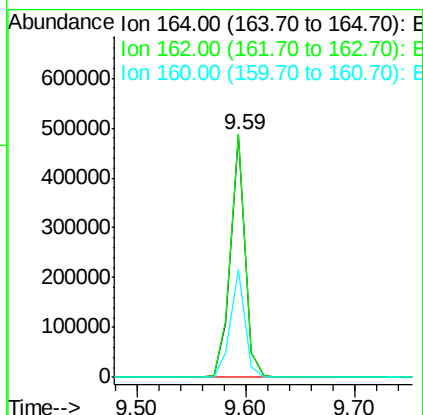
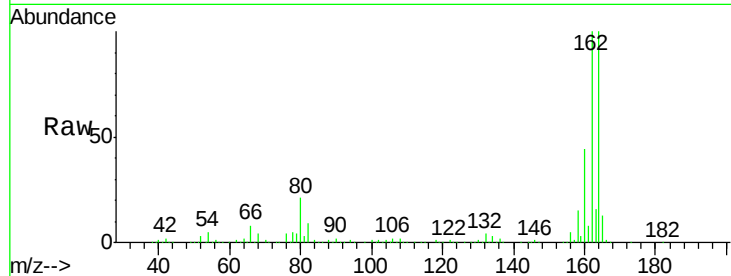




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.09 min
 Lab File: BF092295.D
 Acq: 16 Jan 2017 20:00

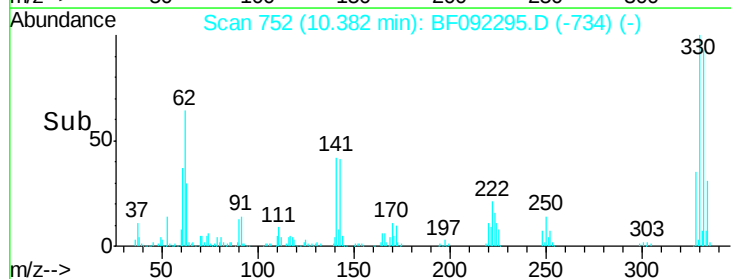
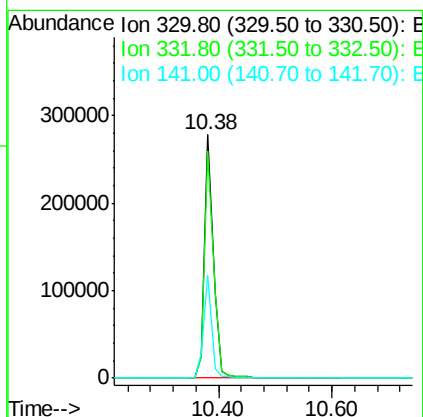
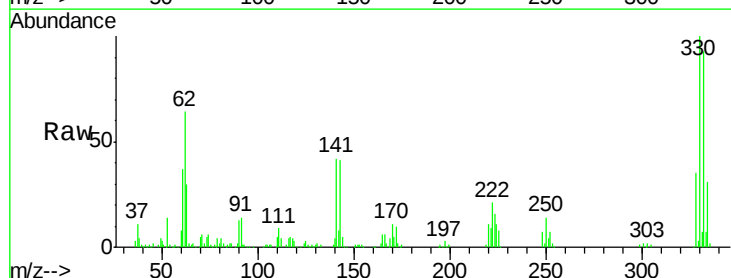
Instrument :
 BNA_F
 ClientSampleId :
 W-37

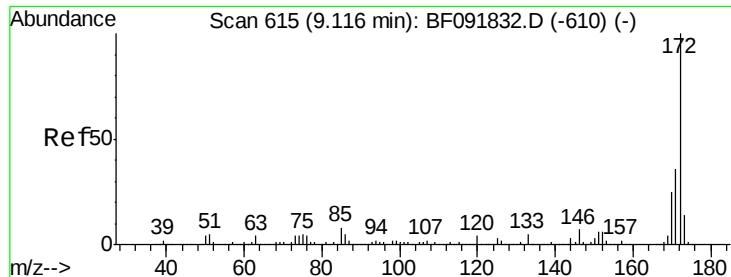
Tgt Ion:164 Resp: 449528
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 44.7 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 77.81 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092295.D
 Acq: 16 Jan 2017 20:00

Tgt Ion:330 Resp: 289460
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 38.7 34.1 51.1

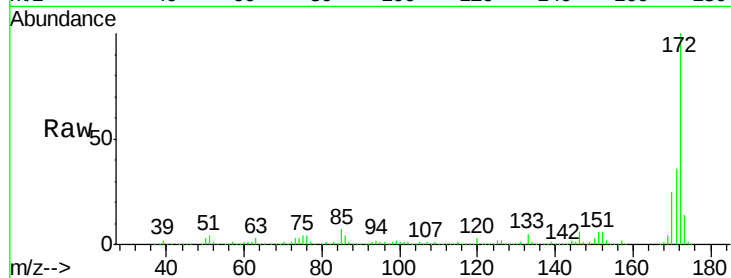




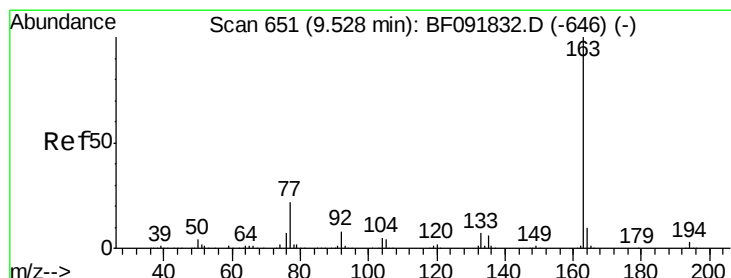
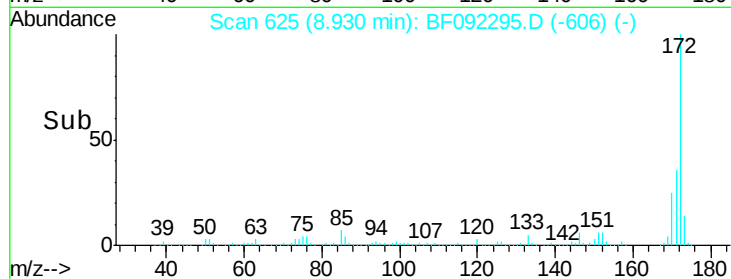
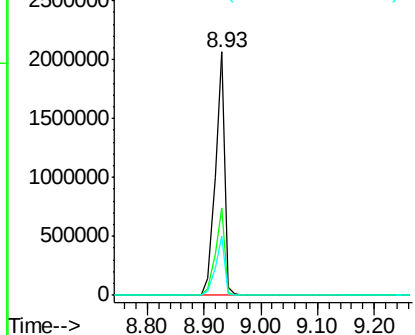
#44
 2-Fluorobiphenyl
 Concen: 107.48 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092295.D
 Acq: 16 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion:172 Resp: 2283302
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.6 20.2 30.4

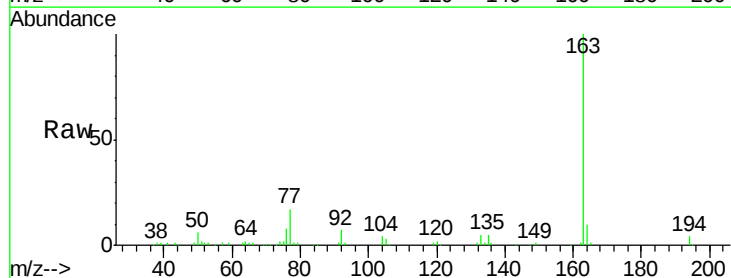


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

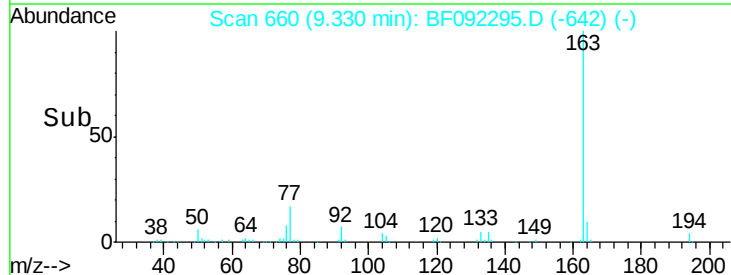
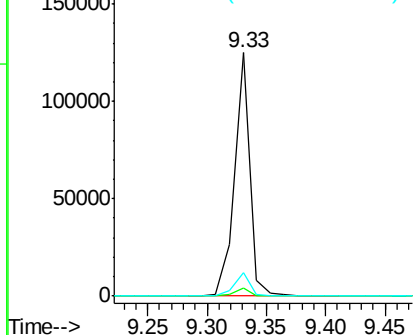


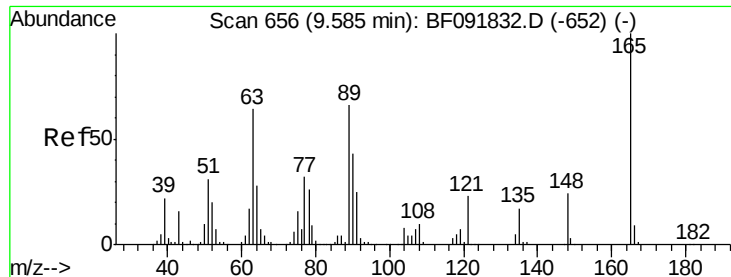
#49
 Dimethylphthalate
 Concen: 3.91 ng
 RT: 9.33 min Scan# 660
 Delta R.T. -0.09 min
 Lab File: BF092295.D
 Acq: 16 Jan 2017 20:00

Tgt Ion:163 Resp: 112340
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.7 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





#50

2,6-Dinitrotoluene

Concen: 9.31 ng

RT: 9.59 min Scan# 683

Delta R.T. 0.12 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

W-37

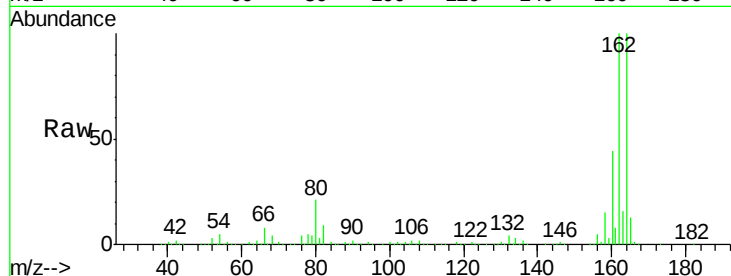
Tgt Ion:165 Resp: 58585

Ion Ratio Lower Upper

165 100

63 0.9 36.2 54.4#

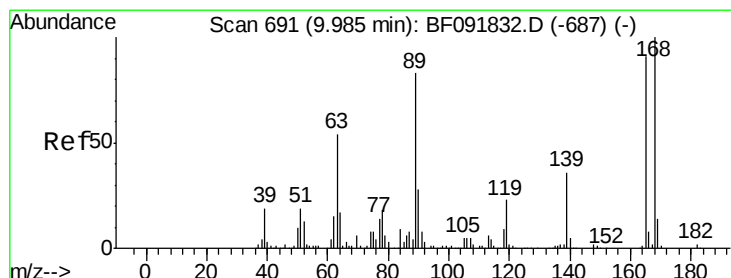
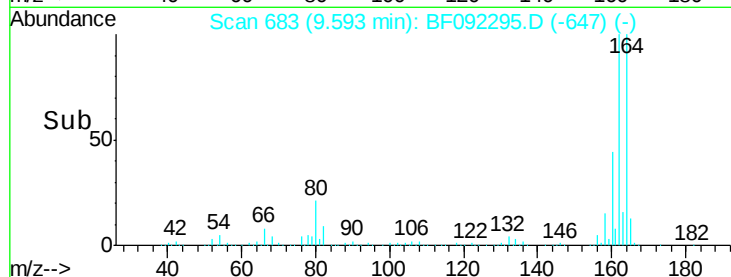
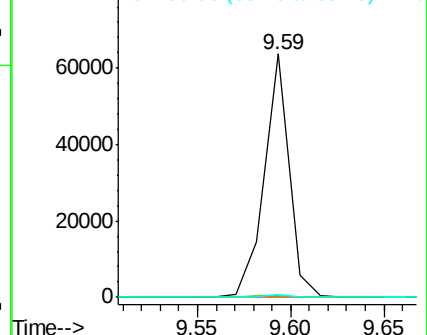
89 1.0 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.42 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.29 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Tgt Ion:165 Resp: 58576

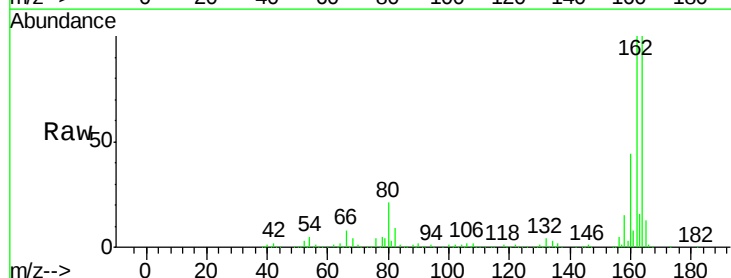
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.0 62.5 93.7#

182 0.6 1.8 2.8#

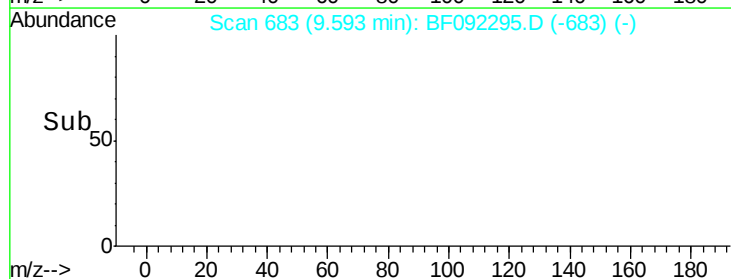
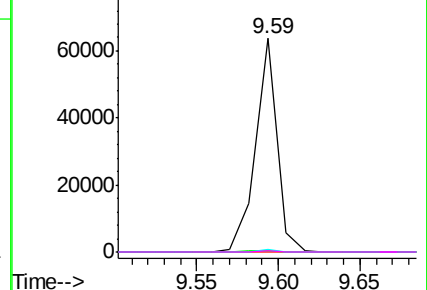


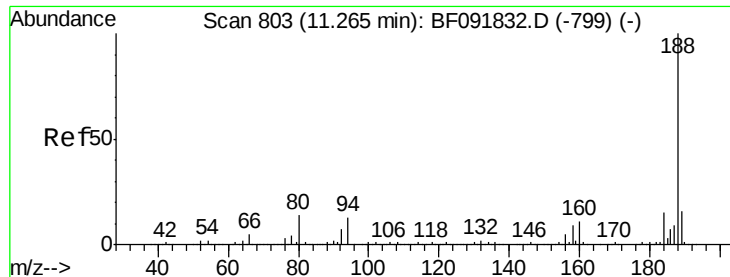
Abundance Ion 165.00 (164.70 to 165.70): E

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

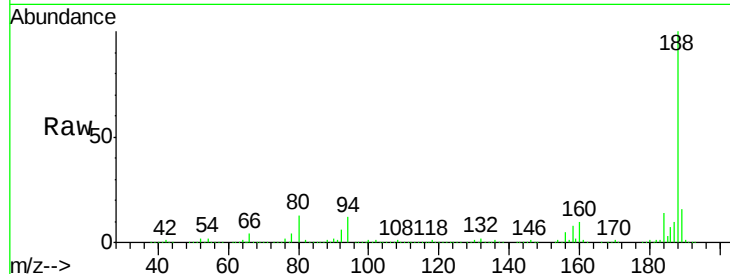




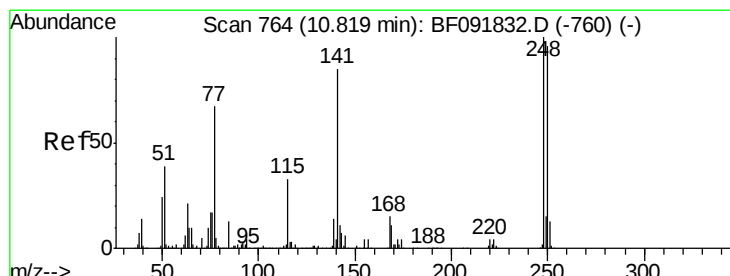
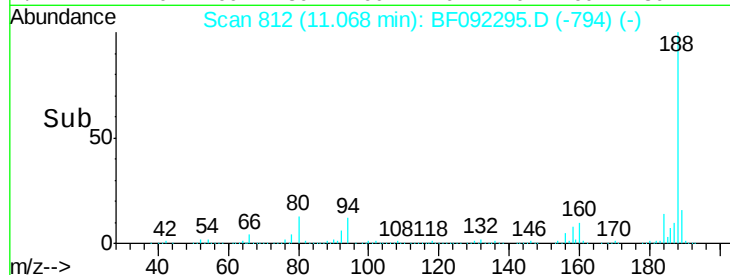
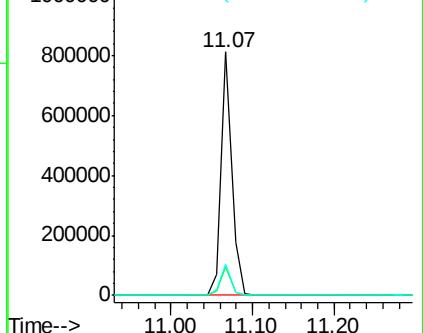
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:188 Resp: 742404
Ion Ratio Lower Upper
188 100
94 11.6 10.0 15.0
80 12.7 11.2 16.8

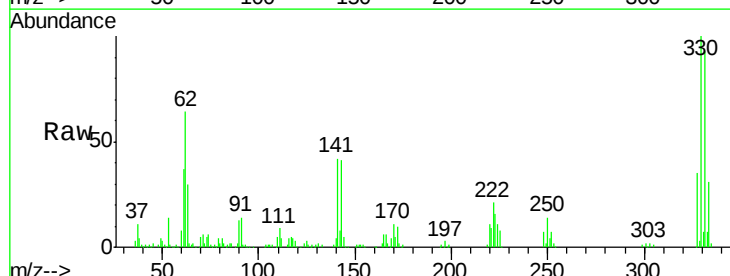


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

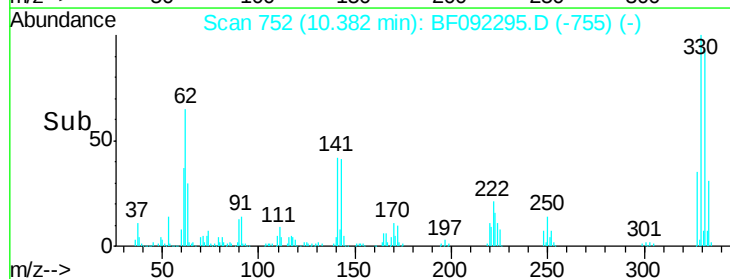
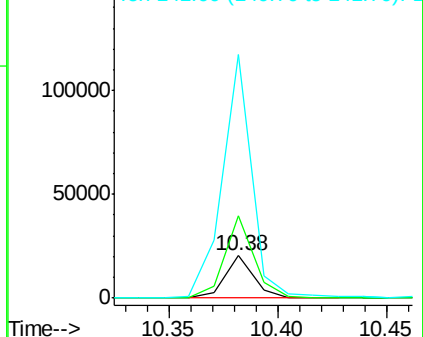


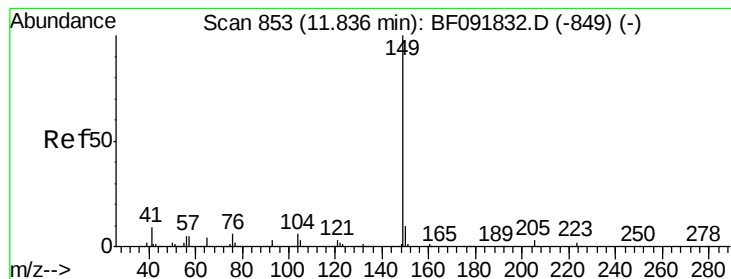
#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Tgt Ion:248 Resp: 18673
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 574.3 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: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

W-37

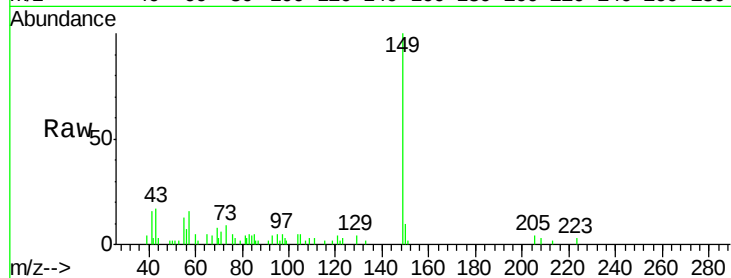
Tgt Ion:149 Resp: 17199

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

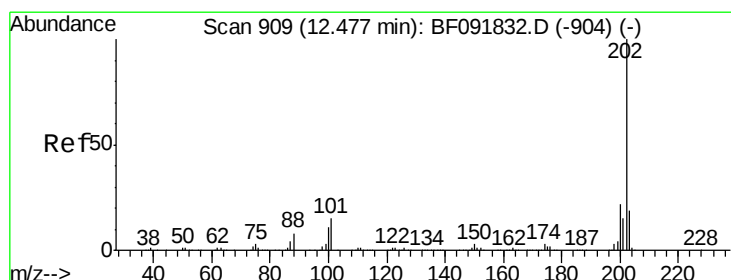
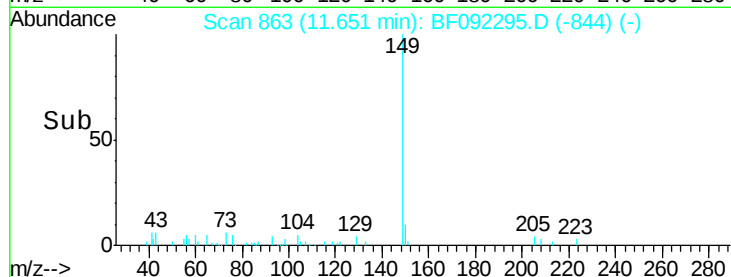
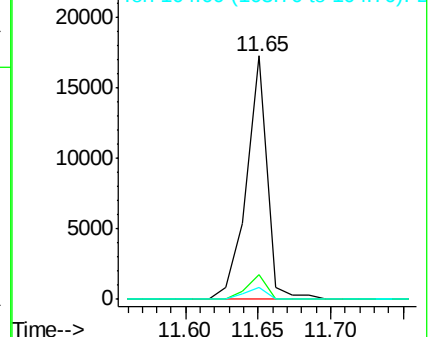
104 5.1 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

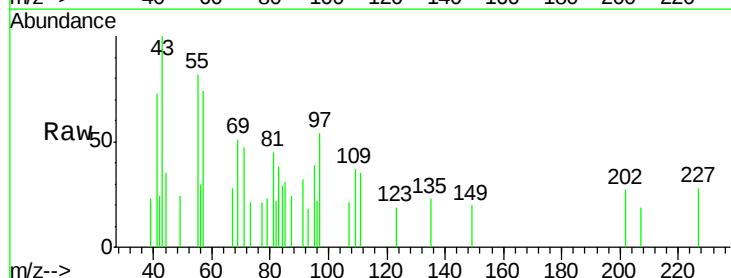
Tgt Ion:202 Resp: 527

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

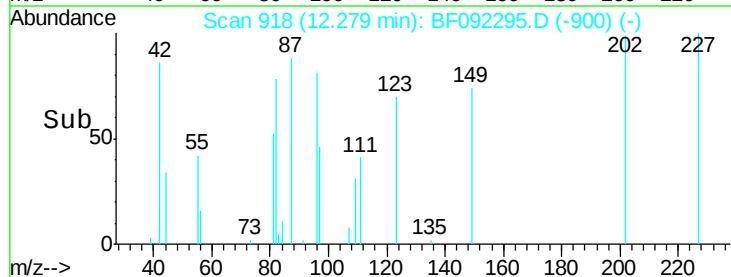
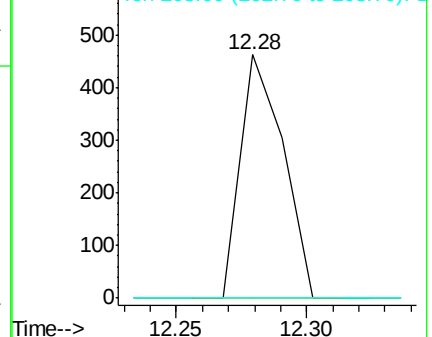
203 0.0 0.0 38.7

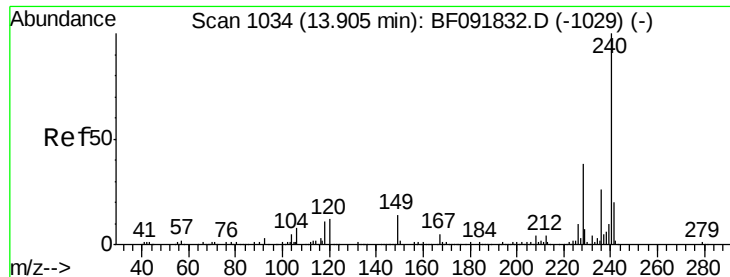


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

W-37

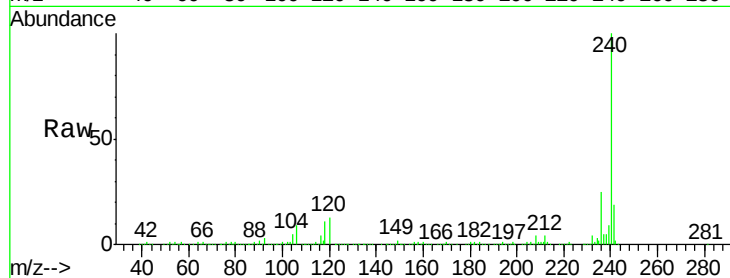
Tgt Ion:240 Resp: 654835

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

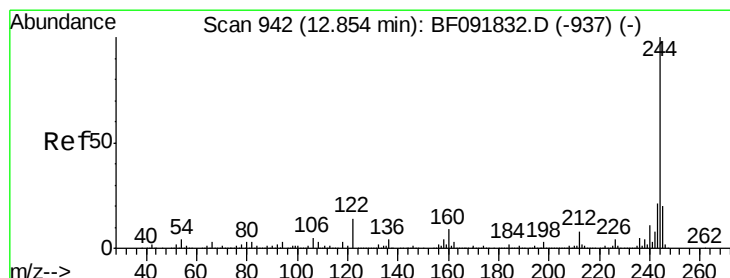
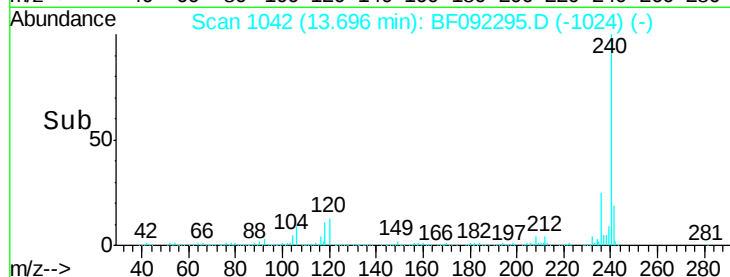
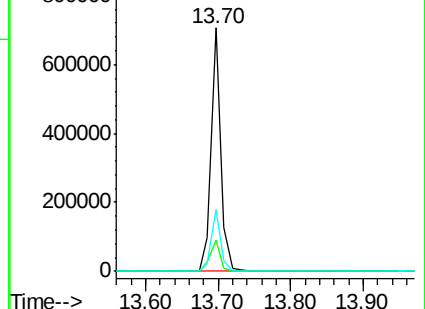
236 25.2 20.9 31.3



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: 80.79 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092295.D

Acq: 16 Jan 2017 20:00

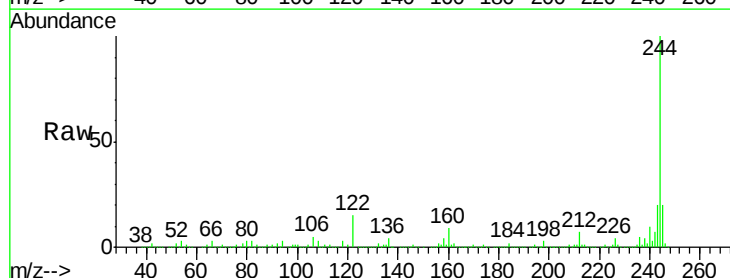
Tgt Ion:244 Resp: 2181388

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

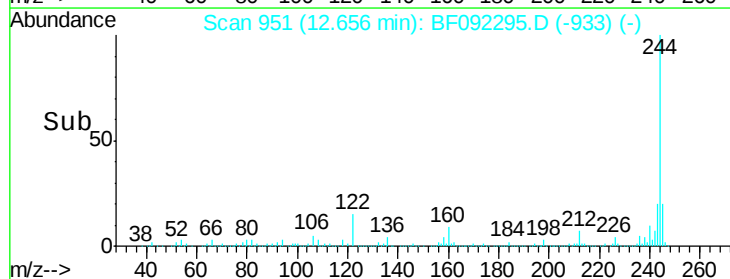
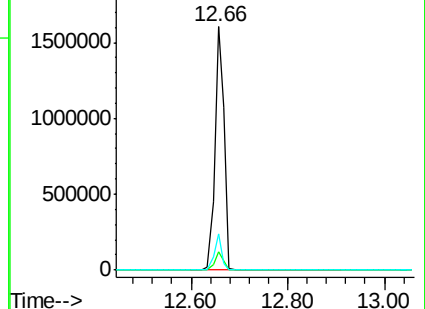
122 14.8 11.4 17.2

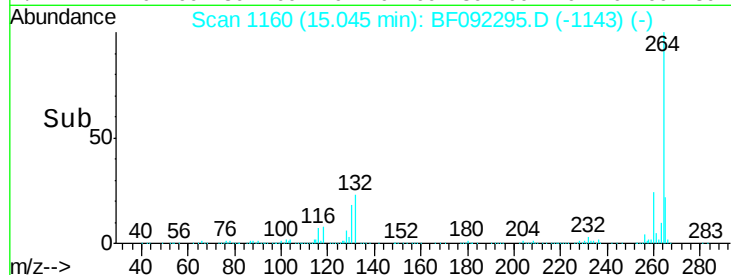
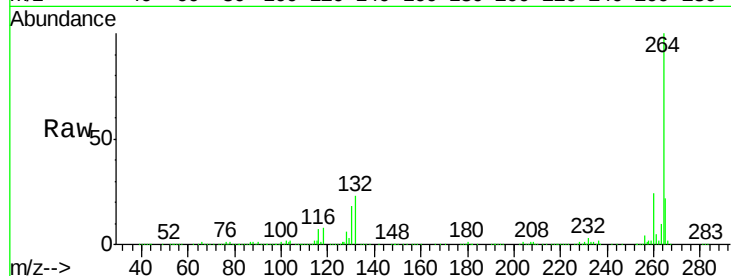
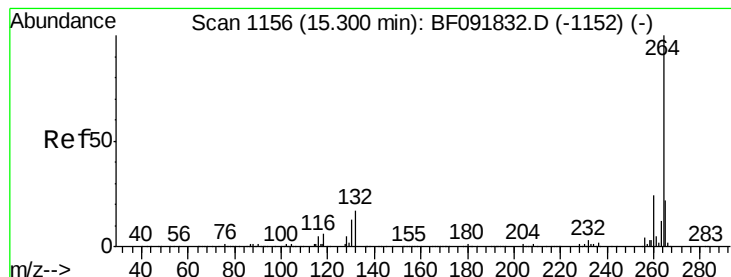


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092295.D
Acq: 16 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.4	26.0

