

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092084.D
 Acq On : 4 Jan 2017 22:46
 Operator : UM/SJ
 Sample : I1004-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Jan 05 00:08:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

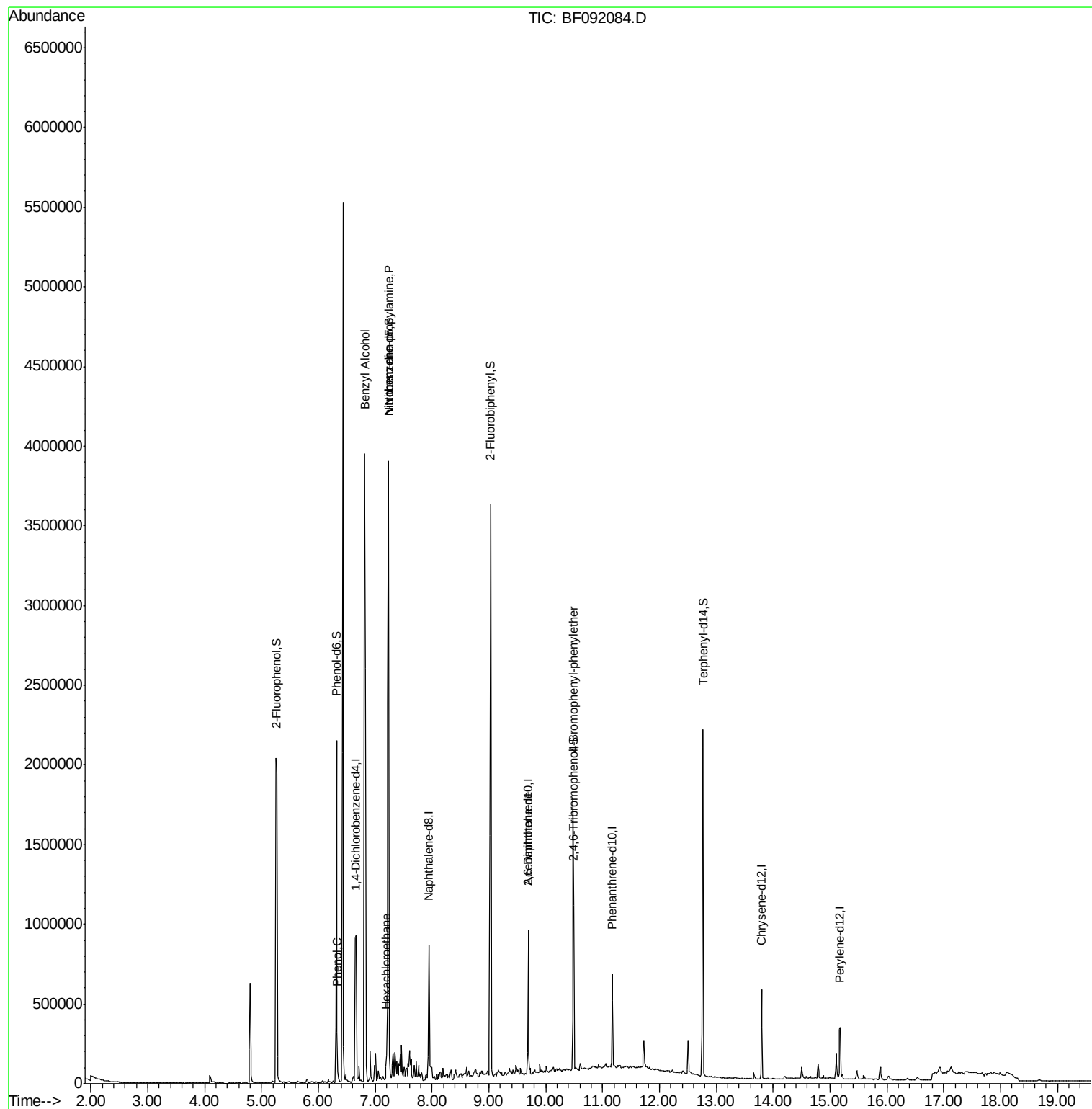
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	213617	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	325942	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	176620	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	279276	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	226171	20.00	ng	-0.07
86) Perylene-d12	15.18	264	181151	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	870574	68.05	ng	-0.05
7) Phenol-d6	6.32	99	689862	44.17	ng	-0.06
23) Nitrobenzene-d5	7.24	82	1591890	271.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	275555	188.52	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	1201724	149.14	ng	-0.05
78) Terphenyl-d14	12.77	244	1044338	111.99	ng	-0.05
Target Compounds						
10) Phenol	6.33	94	38595	2.17	ng	# 73
15) Benzyl Alcohol	6.81	79	25465	2.10	ng	# 44
18) Hexachloroethane	7.20	117	30065	5.13	ng	# 28
19) n-Nitroso-di-n-propylamine	7.24	70	221058	21.27	ng	# 73
24) Nitrobenzene	7.24	77	16626	2.66	ng	# 19
50) 2,6-Dinitrotoluene	9.69	165	24502	9.91	ng	# 33
66) 4-Bromophenyl-phenylether	10.48	248	16558	5.70	ng	# 1
71) Anthracene	11.25	178	720	Below Cal		# 11
73) Di-n-butylphthalate	11.75	149	4223	Below Cal		# 69
74) Fluoranthene	12.61	202	756	Below Cal		# 61

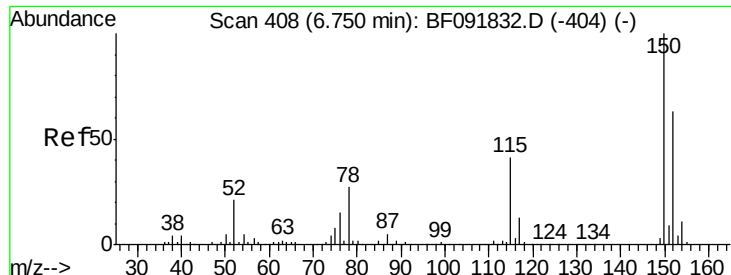
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

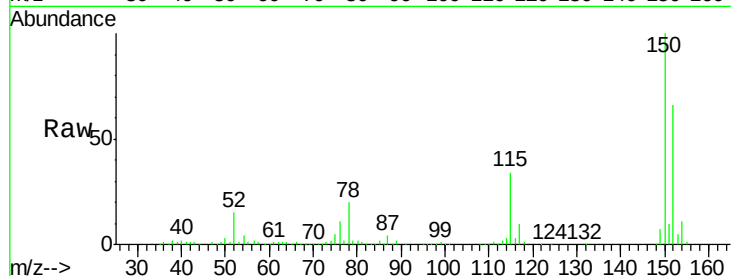
Tgt Ion:152 Resp: 213617

Ion Ratio Lower Upper

152 100

150 150.8 124.9 187.3

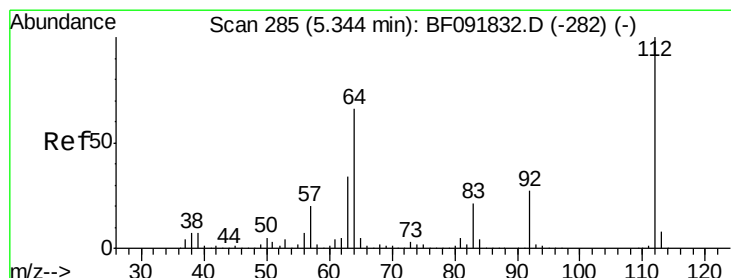
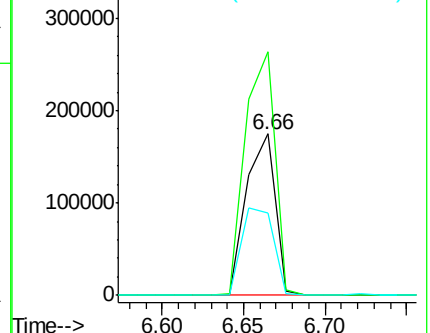
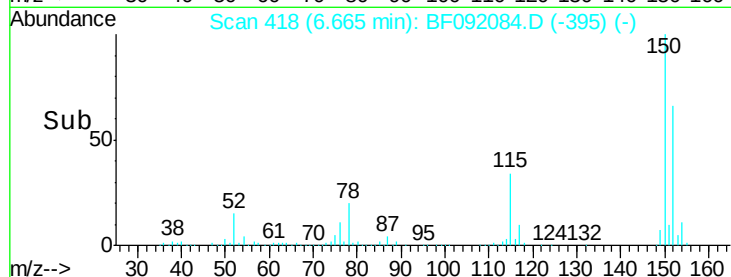
115 50.9 46.0 69.0



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: 68.05 ng

RT: 5.27 min Scan# 296

Delta R.T. -0.05 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

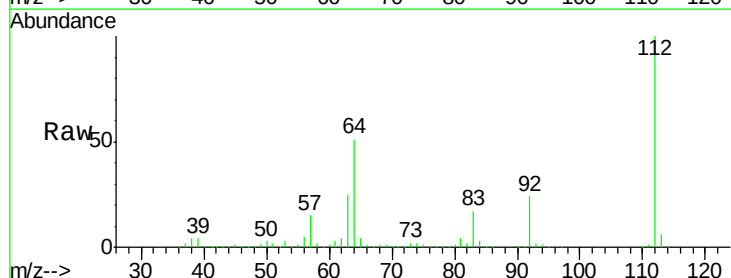
Tgt Ion:112 Resp: 870574

Ion Ratio Lower Upper

112 100

64 50.8 46.1 69.1

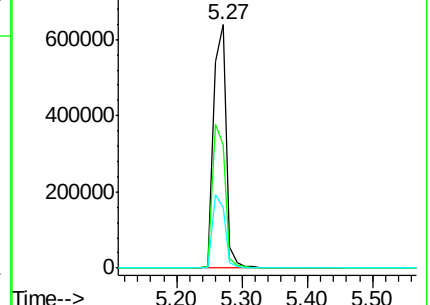
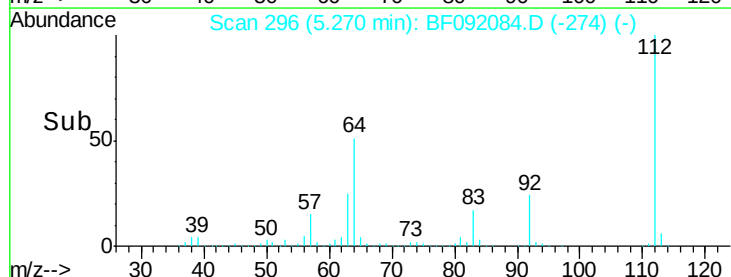
63 24.8 23.8 35.6

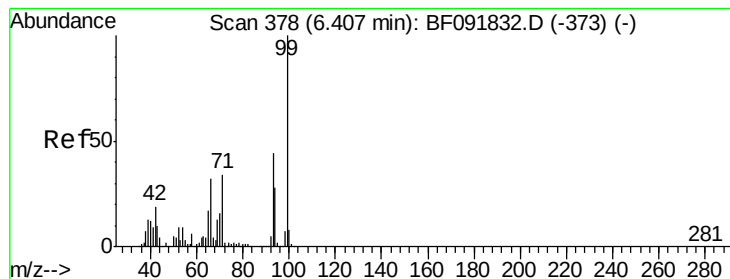


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.17 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

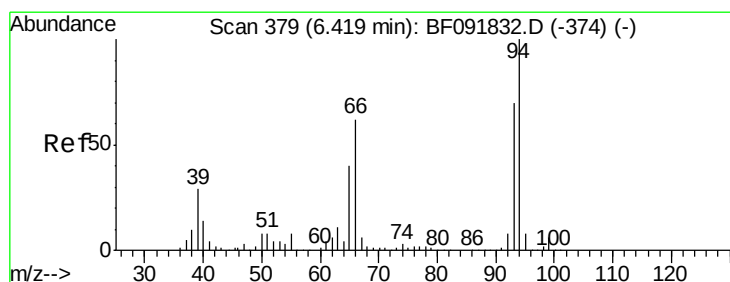
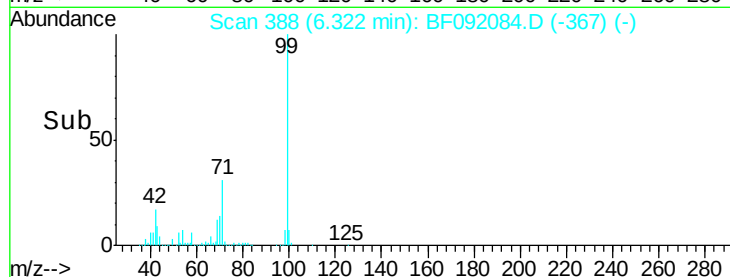
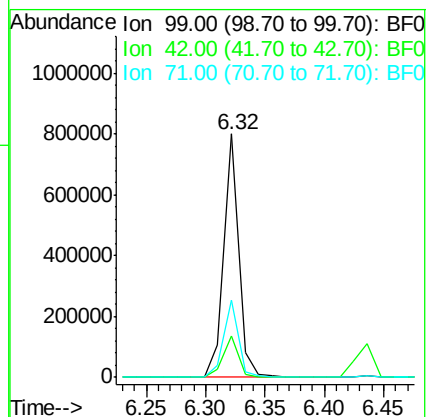
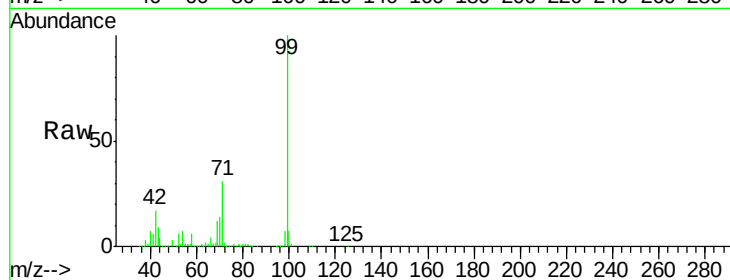
Tgt Ion: 99 Resp: 689862

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

71 31.5 27.5 41.3



#10

Phenol

Concen: 2.17 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

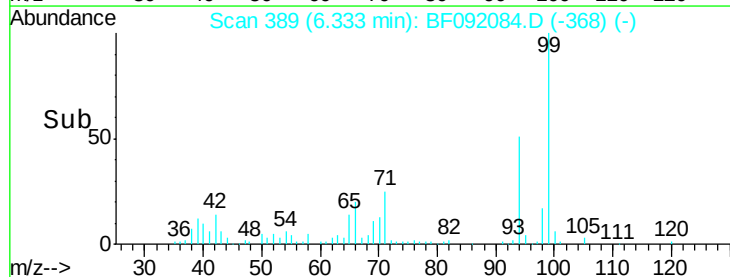
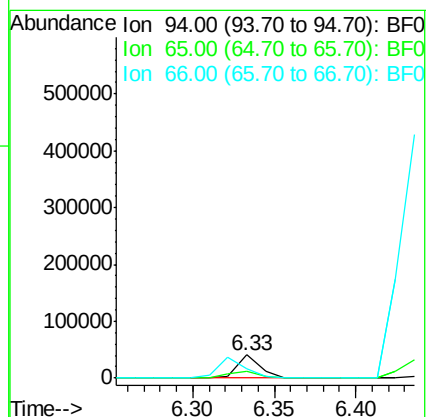
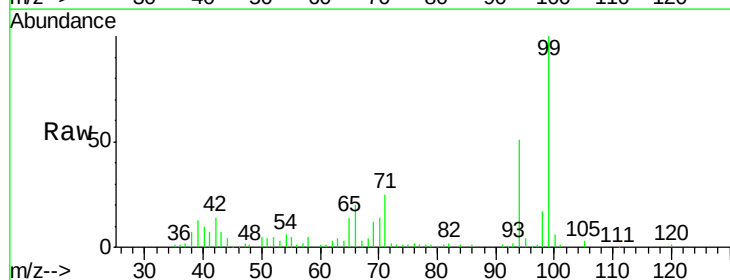
Tgt Ion: 94 Resp: 38595

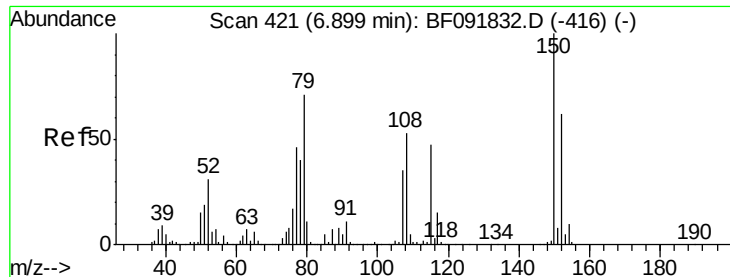
Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 40.4 44.0 84.0#





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

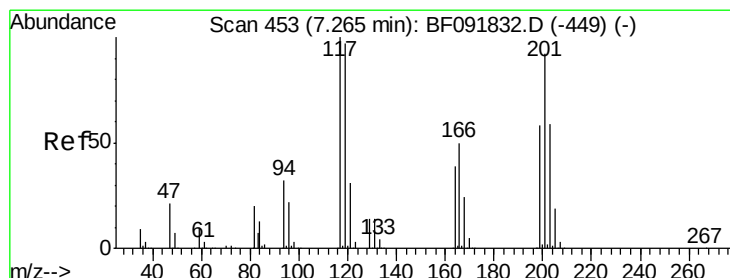
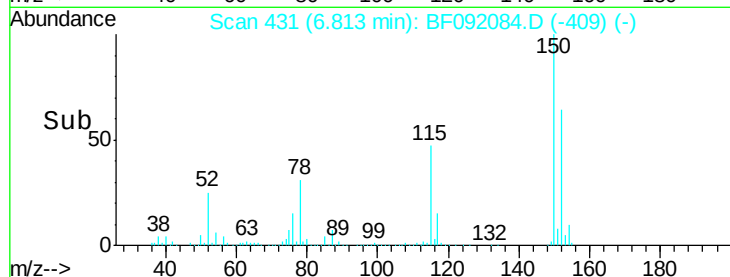
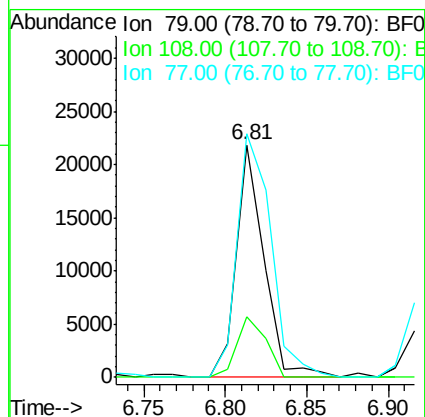
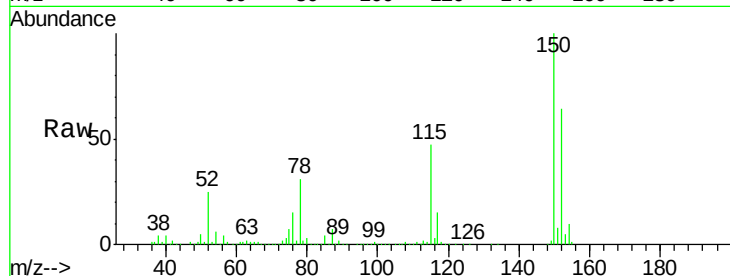
Tgt Ion: 79 Resp: 25465

Ion Ratio Lower Upper

79 100

108 26.2 61.4 92.0#

77 104.8 50.9 76.3#



#18

Hexachloroethane

Concen: 5.13 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

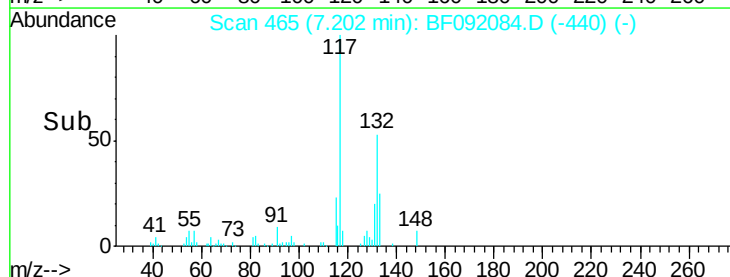
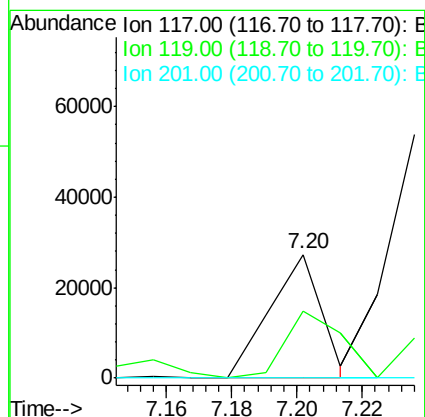
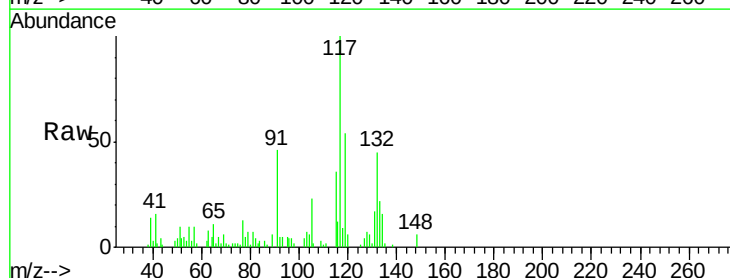
Tgt Ion: 117 Resp: 30065

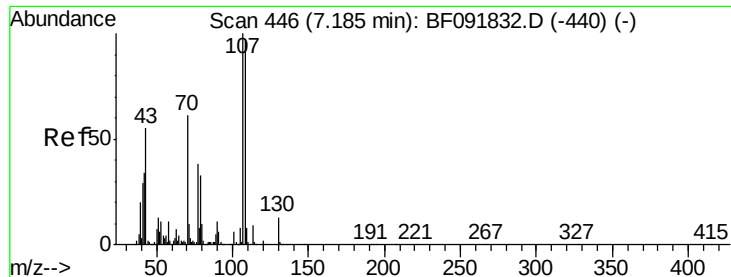
Ion Ratio Lower Upper

117 100

119 54.1 78.1 117.1#

201 0.0 78.6 117.8#

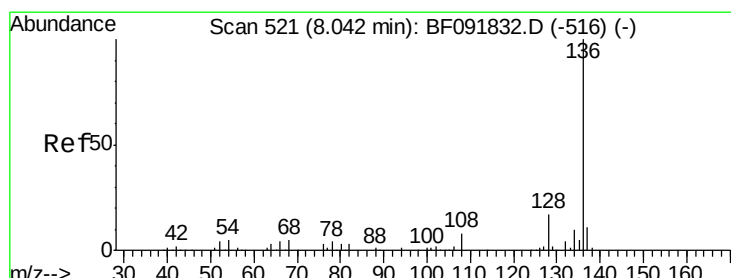
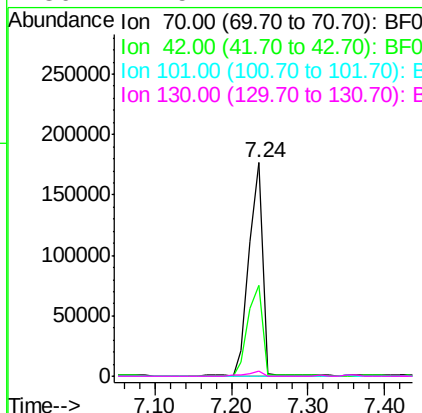
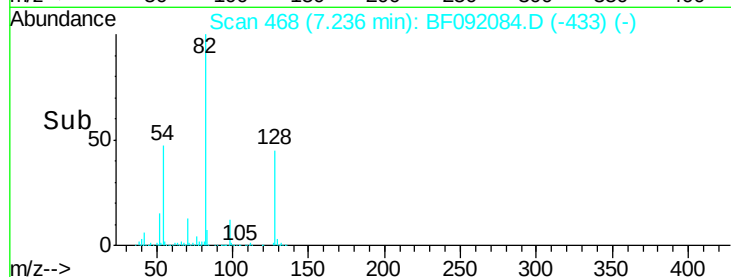
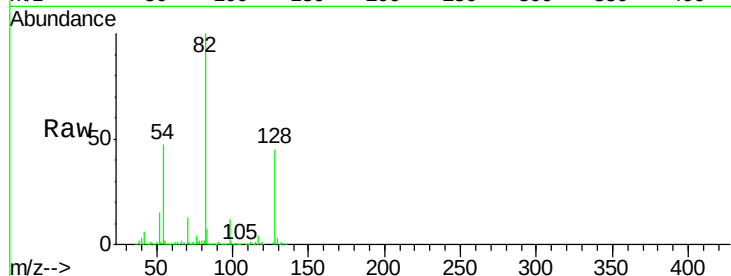




#19
n-Nitroso-di-n-propylamine
Concen: 21.27 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

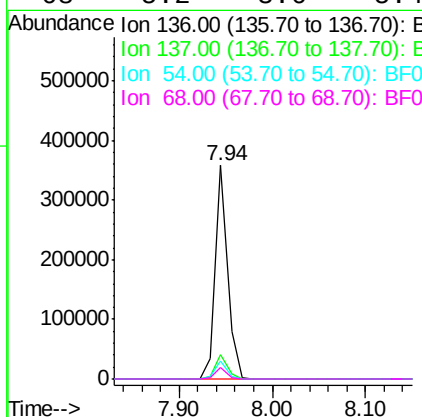
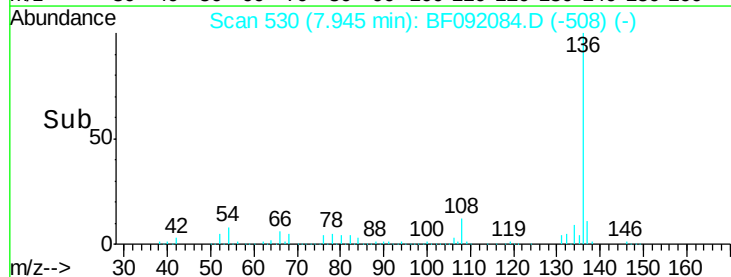
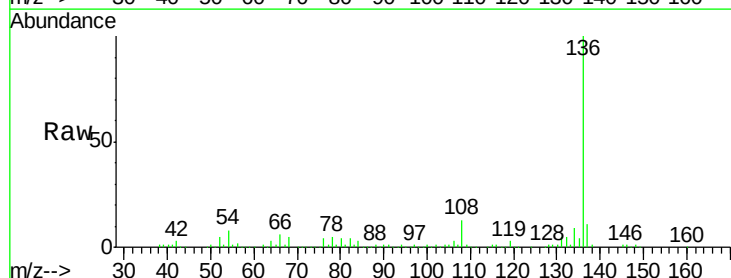
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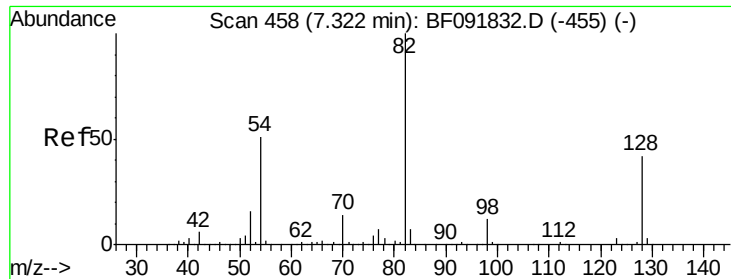
Tgt Ion: 70 Resp: 221058
Ion Ratio Lower Upper
70 100
42 42.8 49.4 74.0#
101 0.2 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

Tgt Ion: 136 Resp: 325942
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.4 4.5 6.7#
68 5.2 3.6 5.4

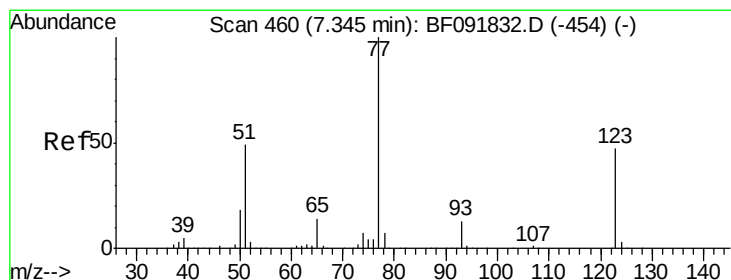
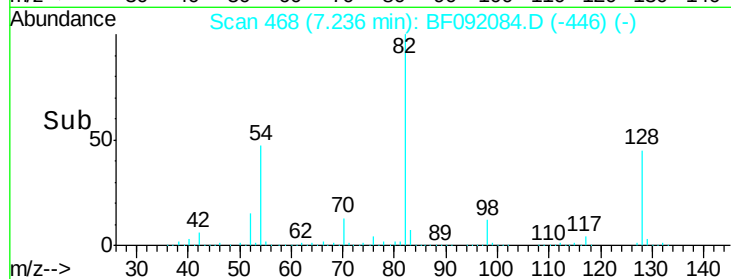
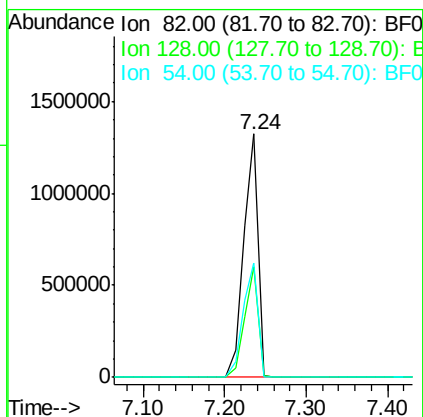
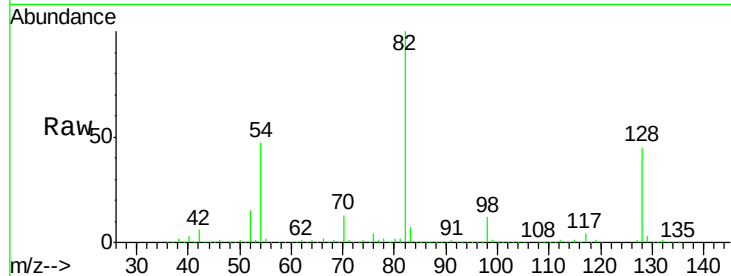




#23
 Nitrobenzene-d5
 Concen: 271.58 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF092084.D
 Acq: 4 Jan 2017 22:46

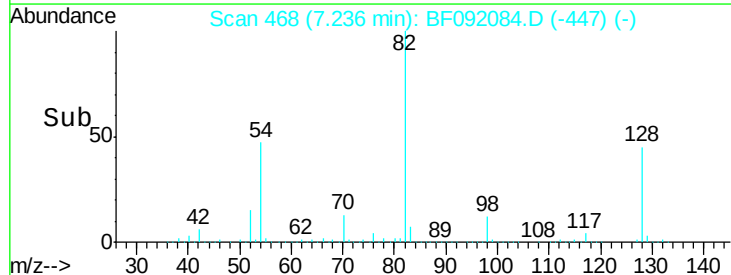
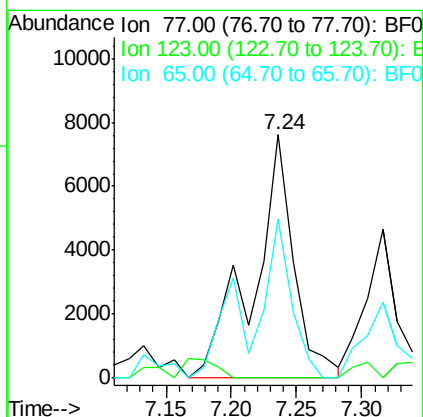
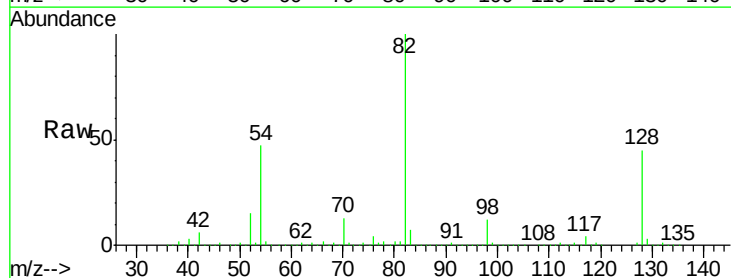
Instrument :
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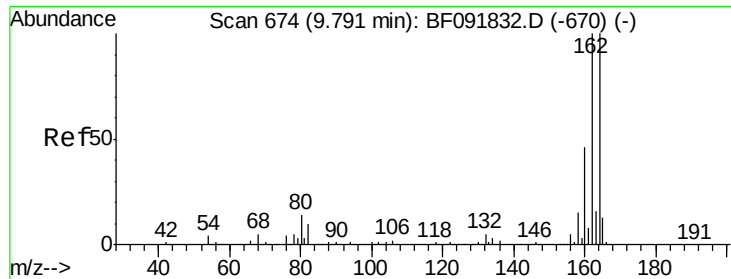
Tgt Ion: 82 Resp: 1591890
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 47.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 2.66 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF092084.D
 Acq: 4 Jan 2017 22:46

Tgt Ion: 77 Resp: 16626
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 65.3 11.2 16.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

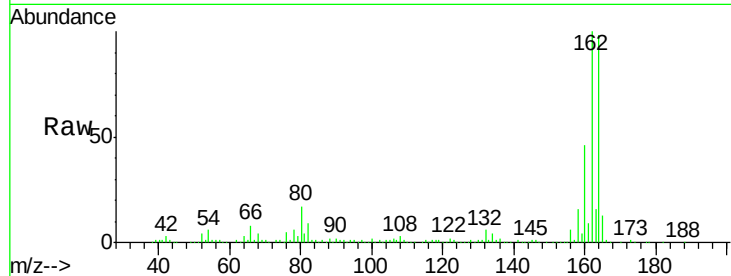
Tgt Ion:164 Resp: 176620

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

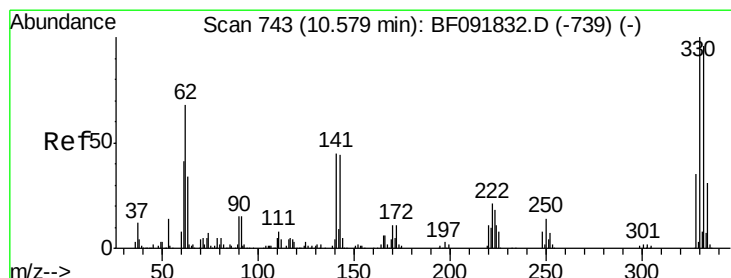
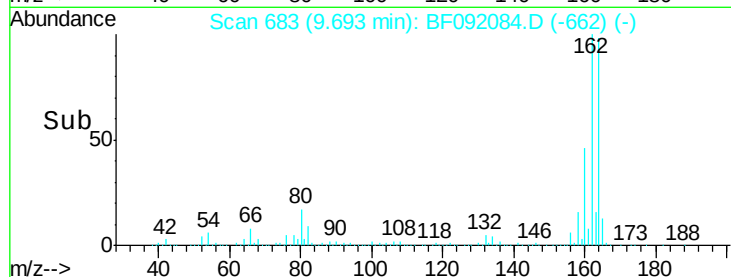
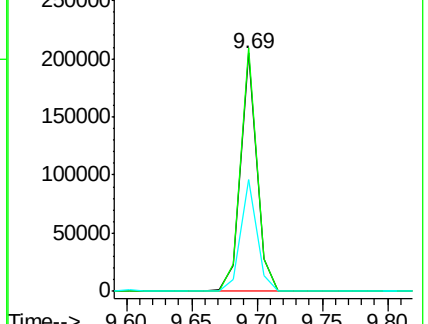
160 47.2 36.9 55.3



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: 188.52 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

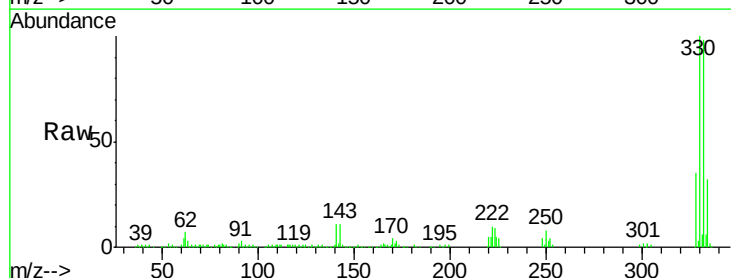
Tgt Ion:330 Resp: 275555

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

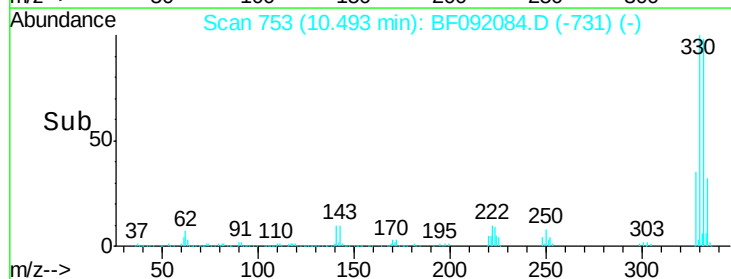
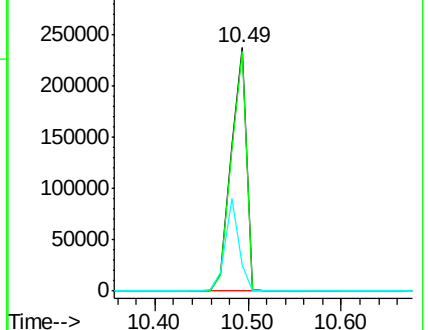
141 34.7 34.1 51.1

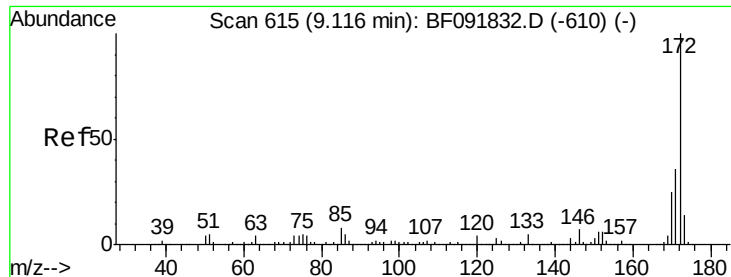


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

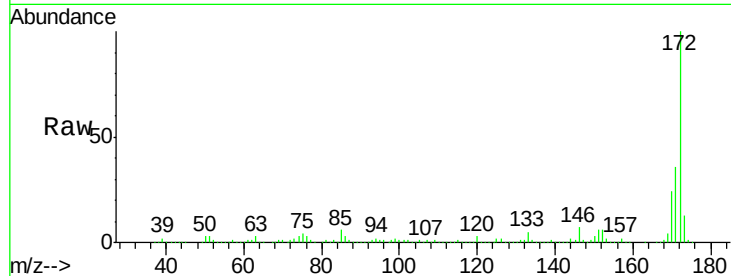




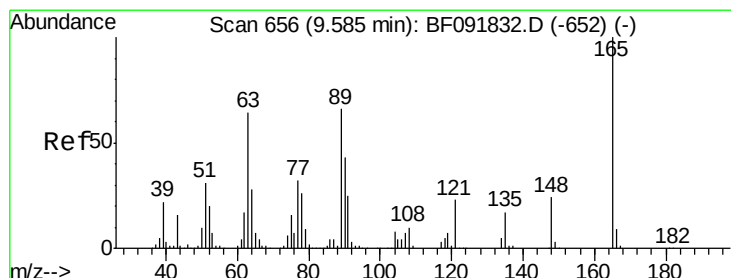
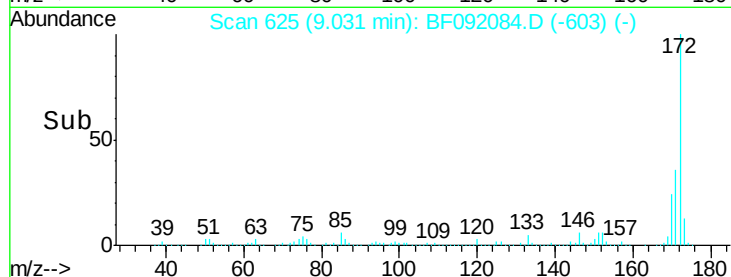
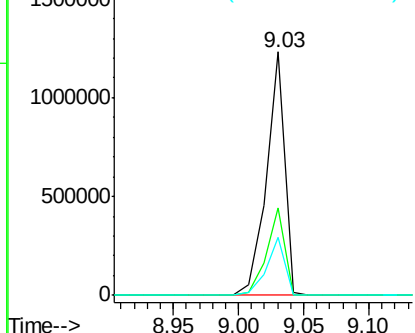
#44
 2-Fluorobiphenyl
 Concen: 149.14 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092084.D
 Acq: 4 Jan 2017 22:46

Instrument :
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Tgt Ion:172 Resp: 1201724
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 20.2 30.4

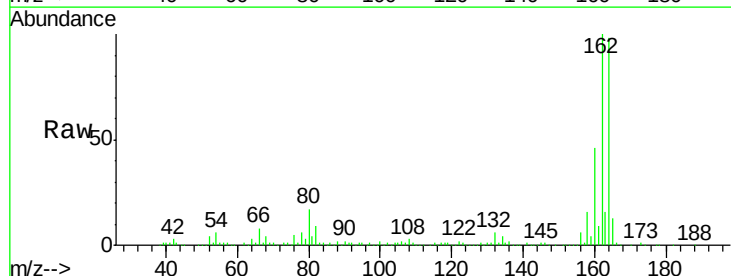


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

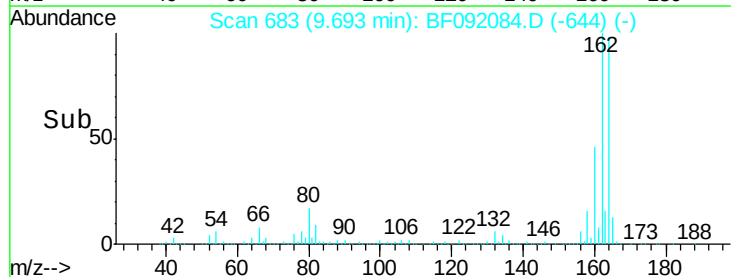
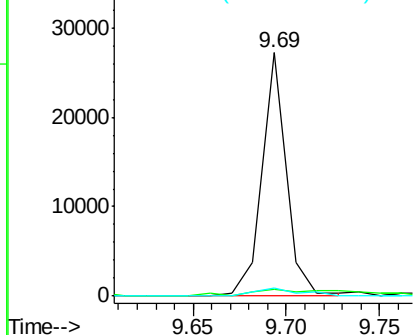


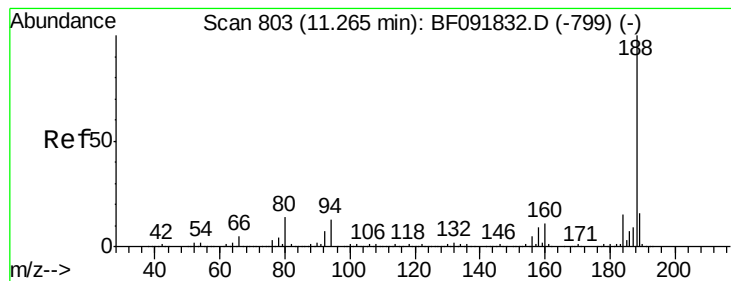
#50
 2,6-Dinitrotoluene
 Concen: 9.91 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.14 min
 Lab File: BF092084.D
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Tgt Ion:165 Resp: 24502
 Ion Ratio Lower Upper
 165 100
 63 2.6 36.2 54.4#
 89 3.1 40.2 60.4#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

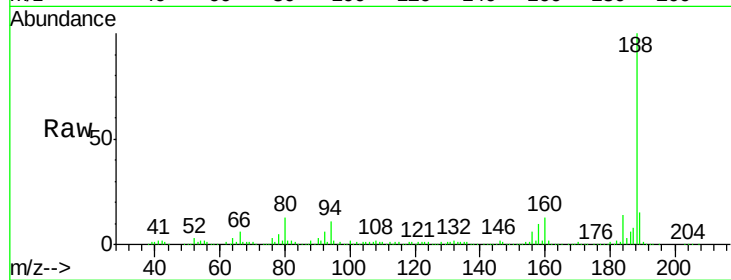
Tgt Ion:188 Resp: 279276

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

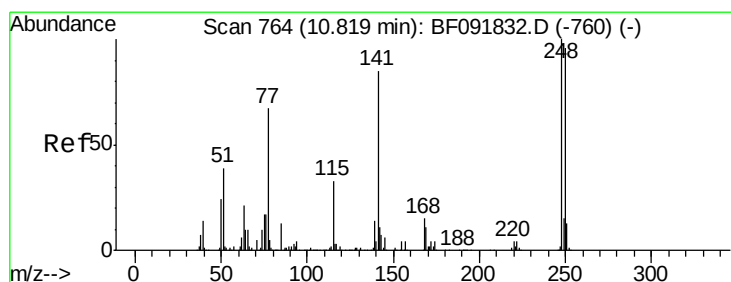
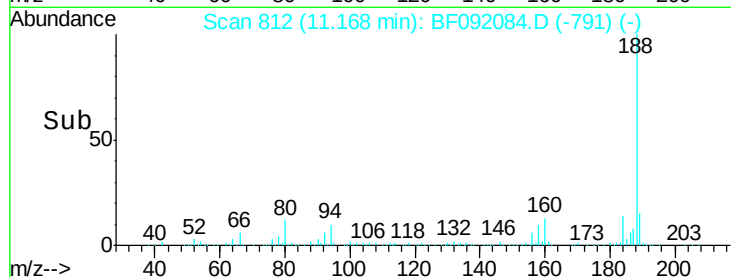
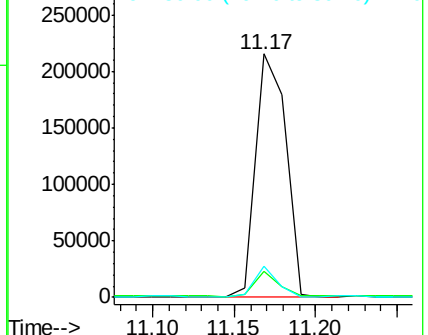
80 12.8 11.2 16.8



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: 5.70 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

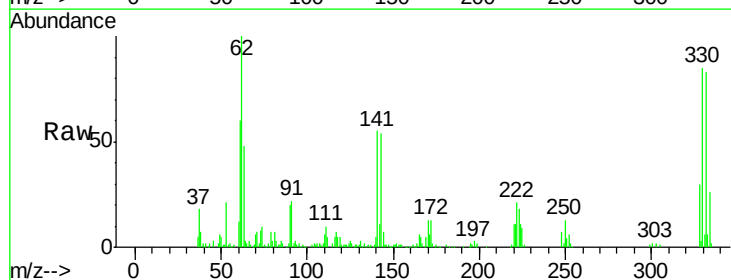
Tgt Ion:248 Resp: 16558

Ion Ratio Lower Upper

248 100

250 184.2 76.9 115.3#

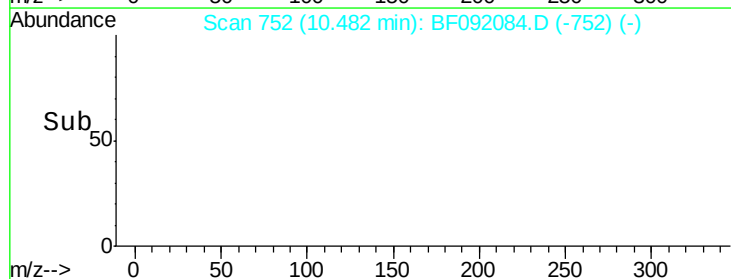
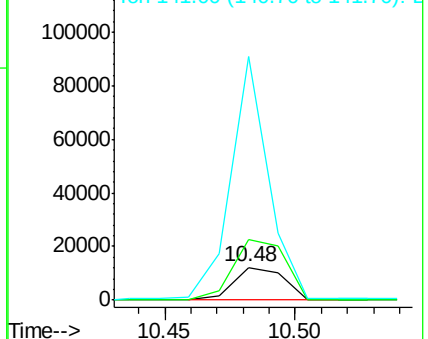
141 744.0 68.2 102.4#

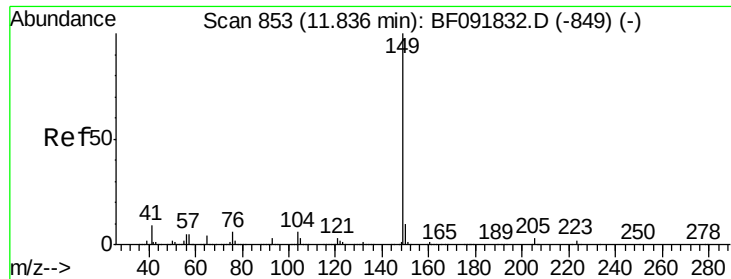


Abundance Ion 248.00 (247.70 to 248.70): E

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: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

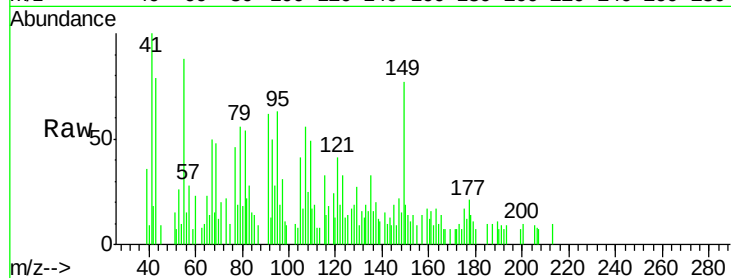
Tgt Ion:149 Resp: 4223

Ion Ratio Lower Upper

149 100

150 25.2 8.1 12.1#

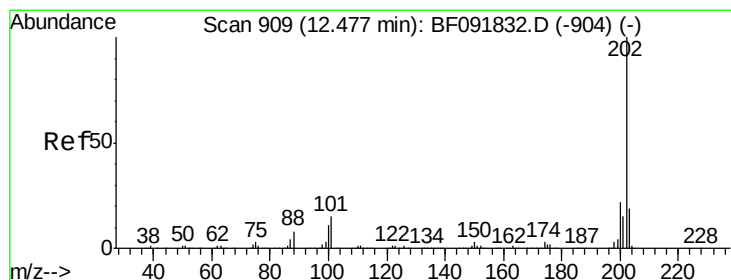
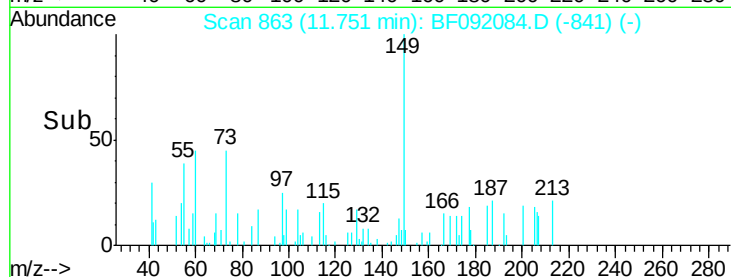
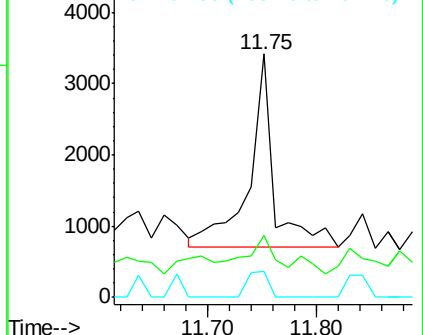
104 10.7 4.6 7.0#



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: 12.61 min Scan# 938

Delta R.T. 0.17 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

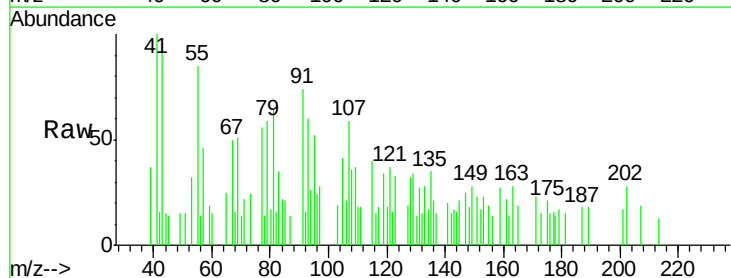
Tgt Ion:202 Resp: 756

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

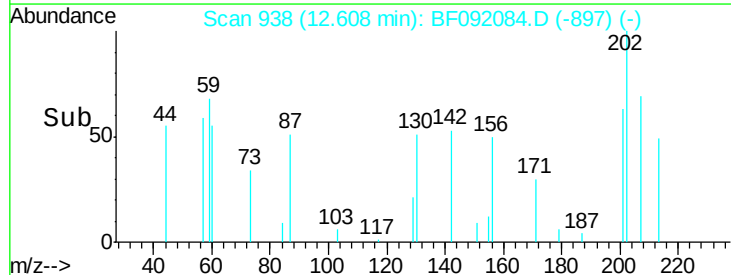
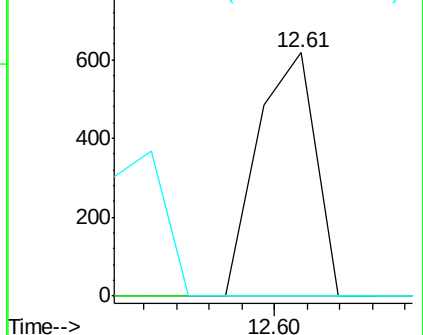
203 0.0 0.0 38.7

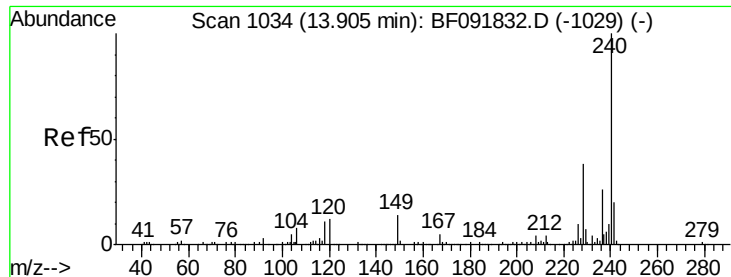


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

MW-31

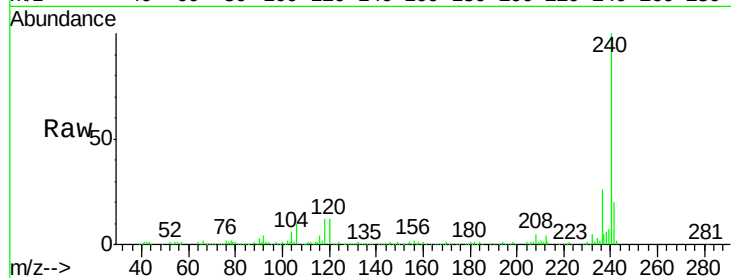
Tgt Ion:240 Resp: 226171

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

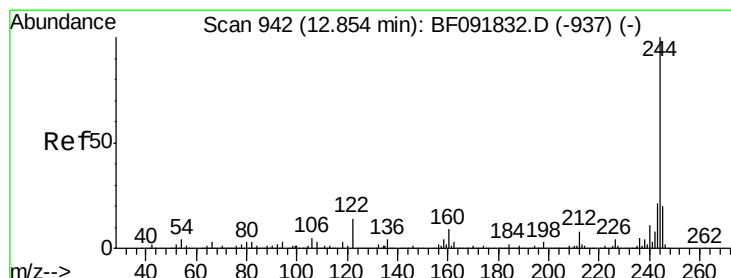
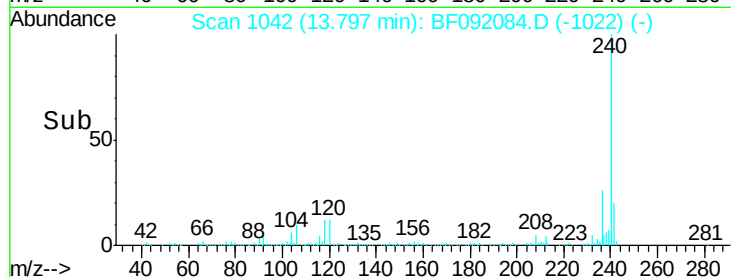
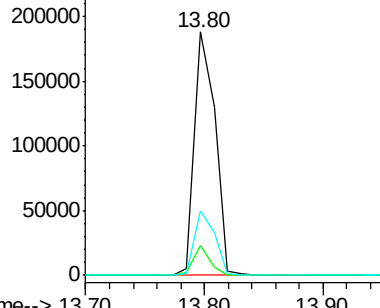
236 26.4 20.9 31.3



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: 111.99 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF092084.D

Acq: 4 Jan 2017 22:46

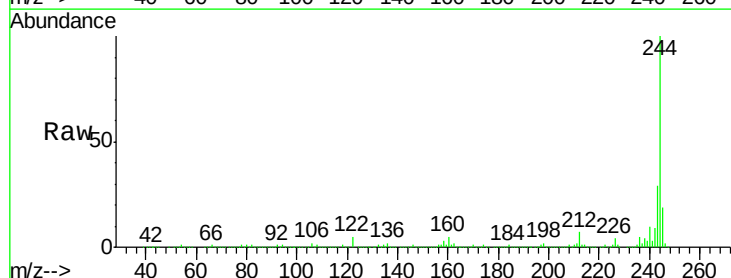
Tgt Ion:244 Resp: 1044338

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

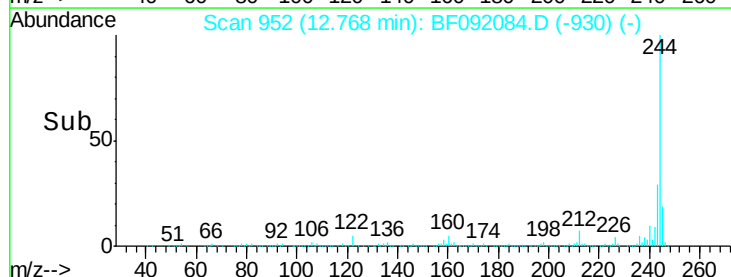
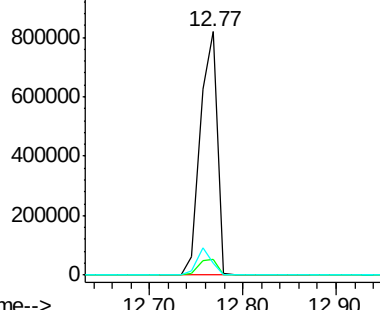
122 5.1 11.4 17.2#

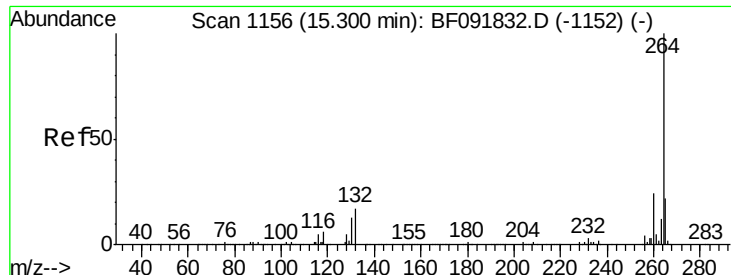


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF092084.D
Acq: 4 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:	264	Resp:	181151
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0

