

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092105.D
 Acq On : 5 Jan 2017 22:47
 Operator : UM/SJ
 Sample : I1004-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Jan 06 00:05:08 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

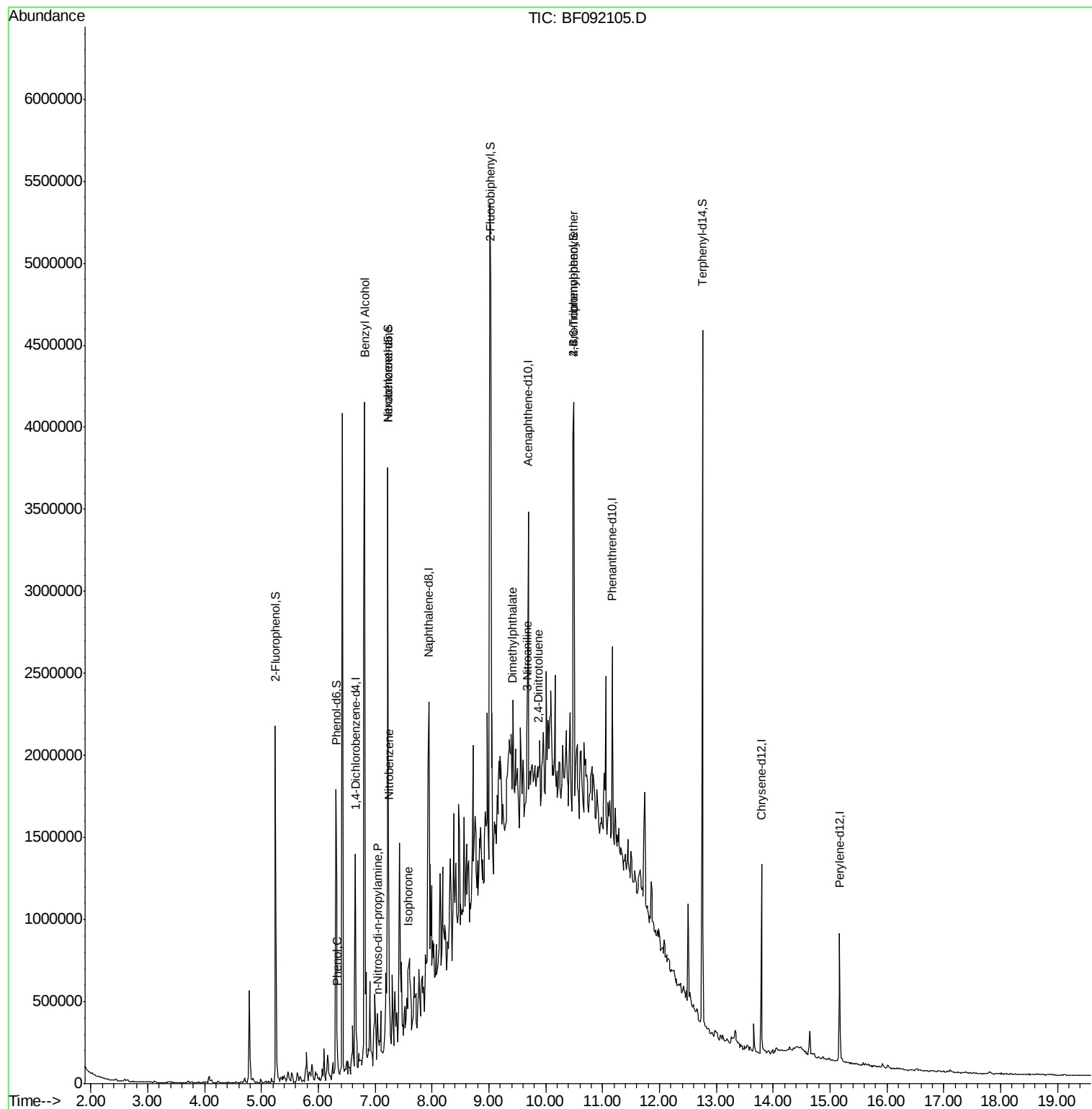
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	195807	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	754734	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	395622	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	587688	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	418531	20.00	ng	-0.07
86) Perylene-d12	15.17	264	364033	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	677537	57.78	ng	-0.07
7) Phenol-d6	6.31	99	739342	51.64	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1158484	85.35	ng	-0.06
41) 2,4,6-Tribromophenol	10.49	330	443901	135.58	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	2057092	110.39	ng	-0.05
78) Terphenyl-d14	12.76	244	1378689	79.89	ng	-0.06
Target Compounds						
10) Phenol	6.33	94	94299	5.78	ng	# 65
15) Benzyl Alcohol	6.81	79	25560	2.30	ng	# 24
18) Hexachloroethane	7.22	117	351801	65.47	ng	# 2
19) n-Nitroso-di-n-propylamine	7.05	70	21245	2.23	ng	# 61
24) Nitrobenzene	7.24	77	43652	3.02	ng	# 26
25) Isophorone	7.58	82	61867	2.47	ng	# 1
37) 2-Methylnaphthalene	8.61	142	9438	Below Cal	#	1
49) Dimethylphthalate	9.42	163	74712	2.95	ng	# 68
52) 3-Nitroaniline	9.67	138	25175	3.67	ng	# 28
56) 2,4-Dinitrotoluene	9.88	165	15047	2.16	ng	# 58
66) 4-Bromophenyl-phenylether	10.49	248	29197	4.78	ng	# 1
71) Anthracene	11.25	178	1160	Below Cal	#	1
73) Di-n-butylphthalate	11.75	149	8174	Below Cal	#	40
74) Fluoranthene	12.38	202	5436	Below Cal	#	57
76) Benzidine	12.61	184	1749	Below Cal	#	1

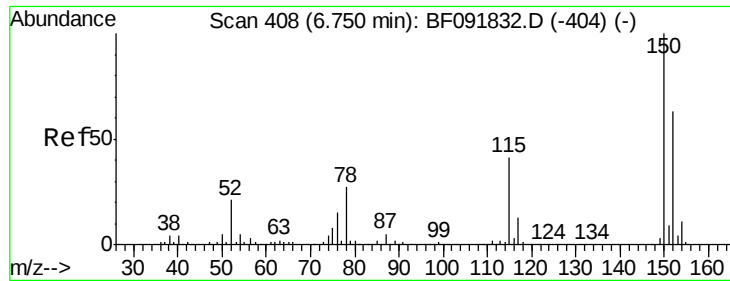
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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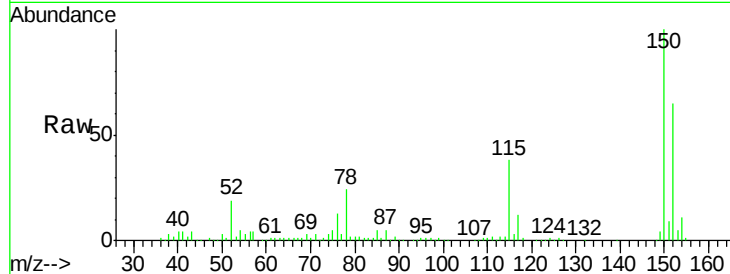


#1

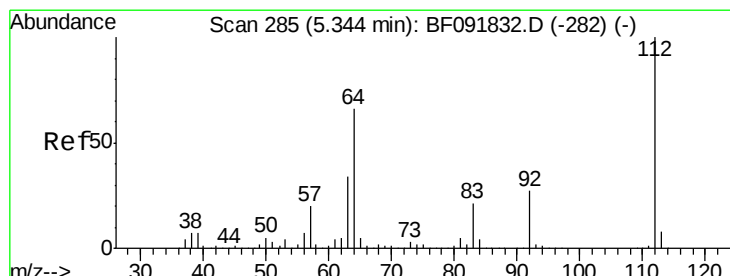
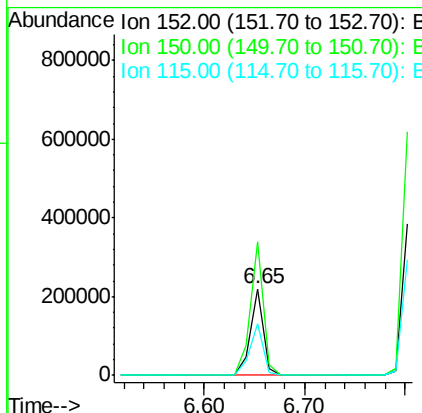
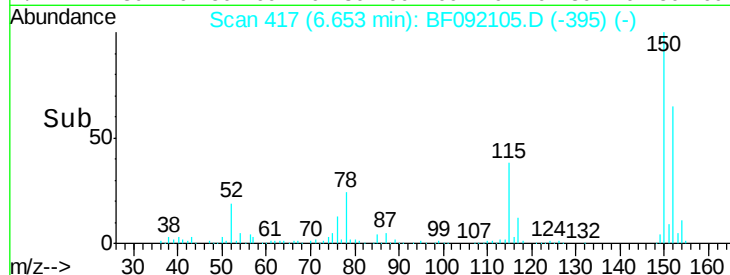
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.9	187.3
115	59.5	46.0	69.0



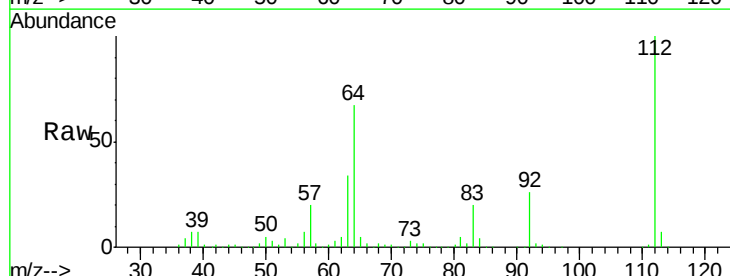
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



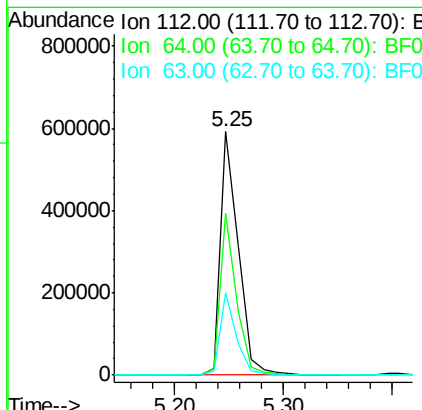
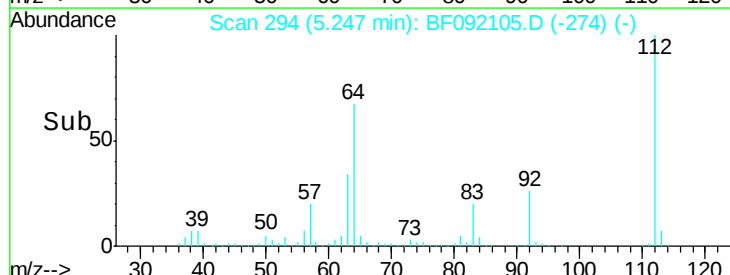
#5

2-Fluorophenol
 Concen: 57.78 ng
 RT: 5.25 min Scan# 294
 Delta R.T. -0.07 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.1	69.1
63	33.9	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: 51.64 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

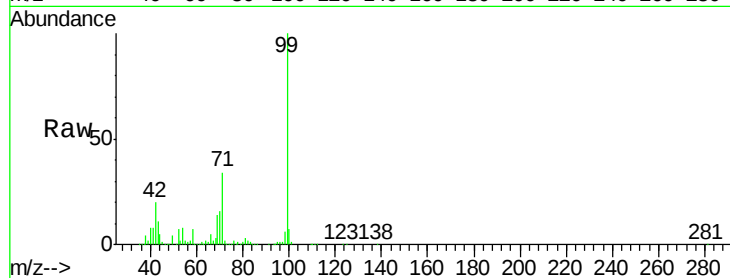
Tgt Ion: 99 Resp: 739342

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

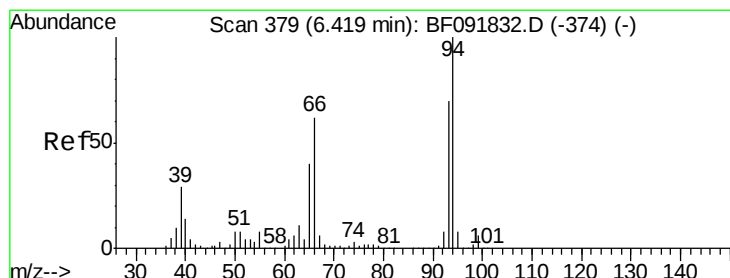
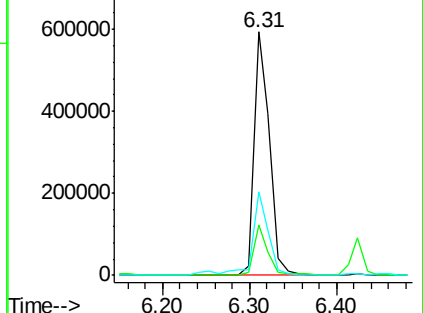
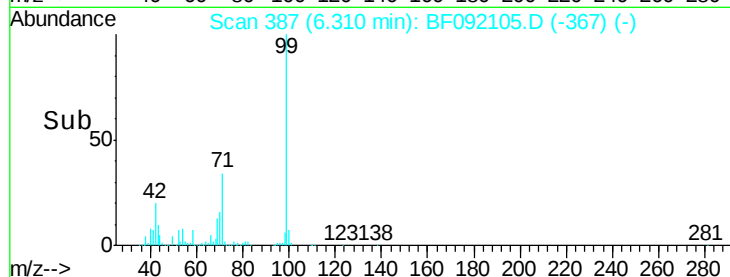
71 34.3 27.5 41.3



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: 5.78 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

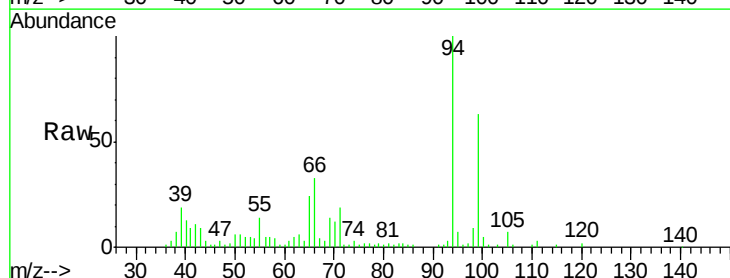
Tgt Ion: 94 Resp: 94299

Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

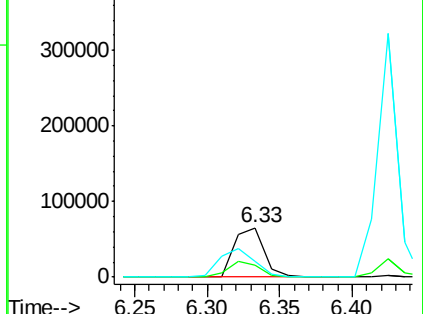
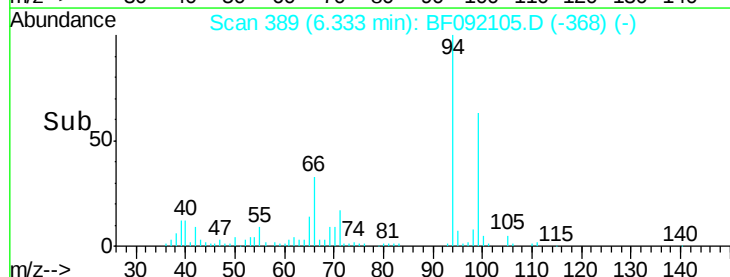
66 33.2 44.0 84.0#

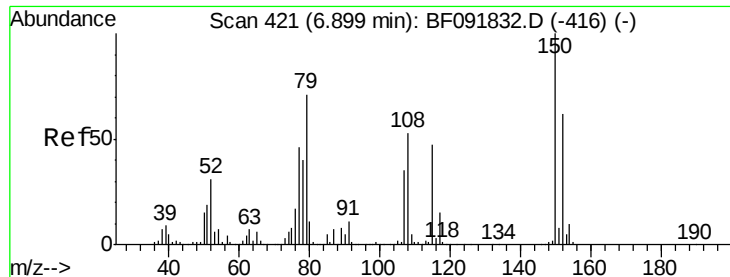


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

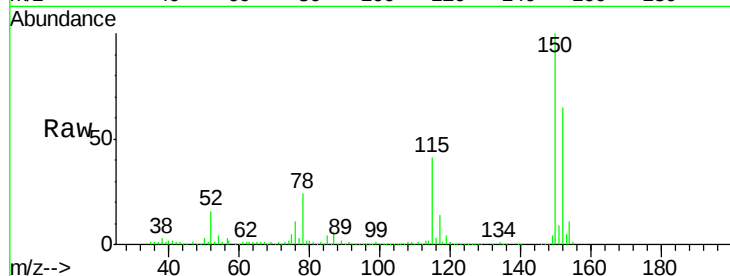
Tgt Ion: 79 Resp: 25560

Ion Ratio Lower Upper

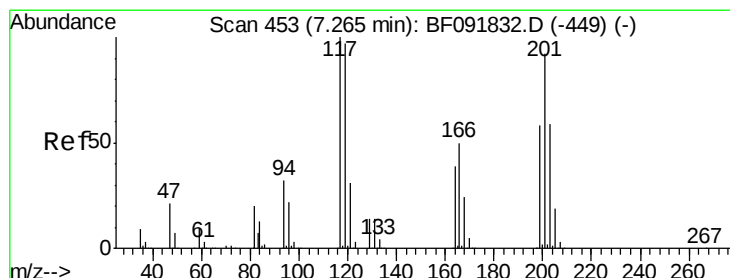
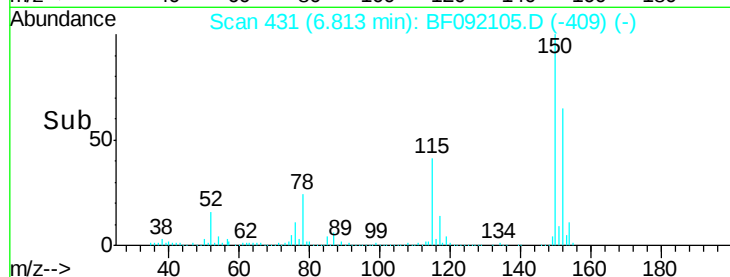
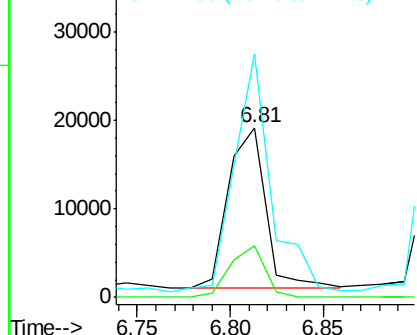
79 100

108 30.1 61.4 92.0#

77 143.3 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 65.47 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

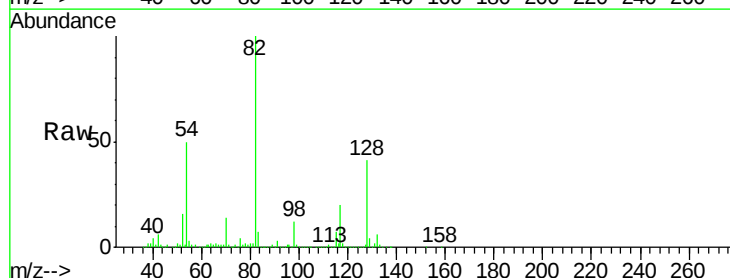
Tgt Ion: 117 Resp: 351801

Ion Ratio Lower Upper

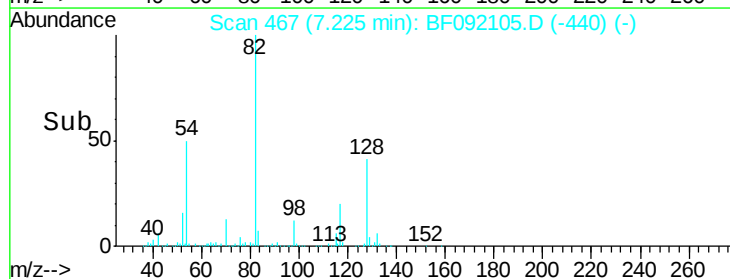
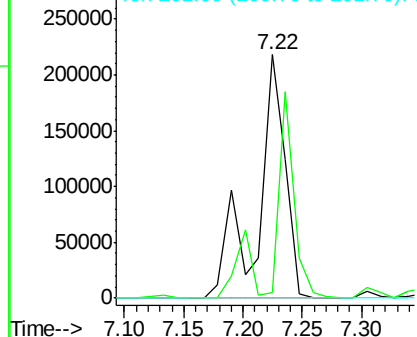
117 100

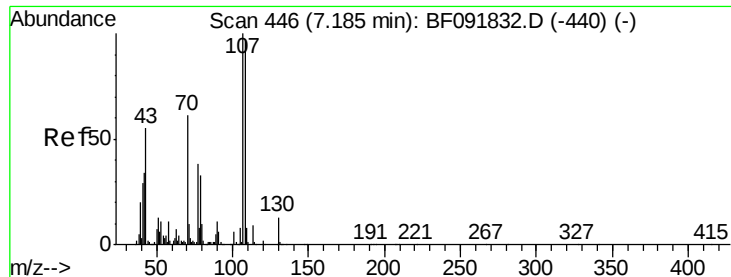
119 2.3 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

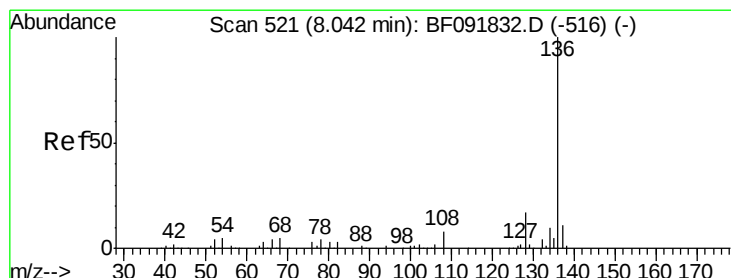
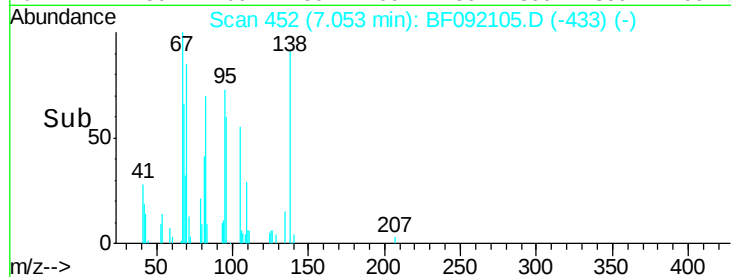
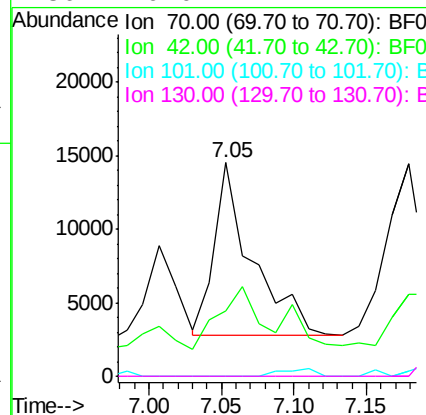
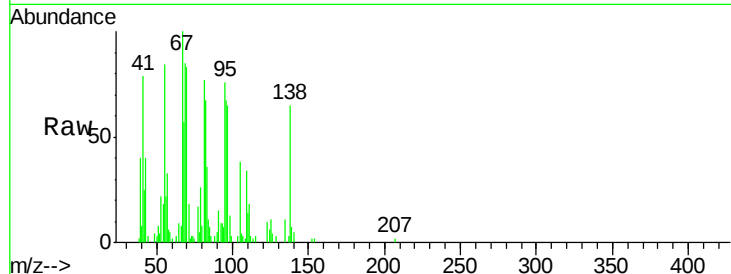




#19
n-Nitroso-di-n-propylamine
Concen: 2.23 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.09 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

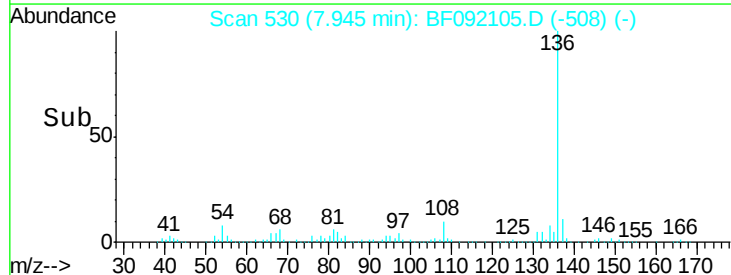
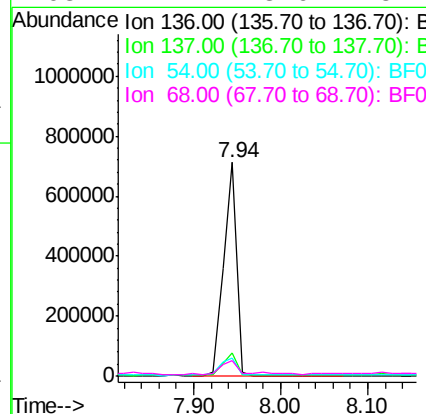
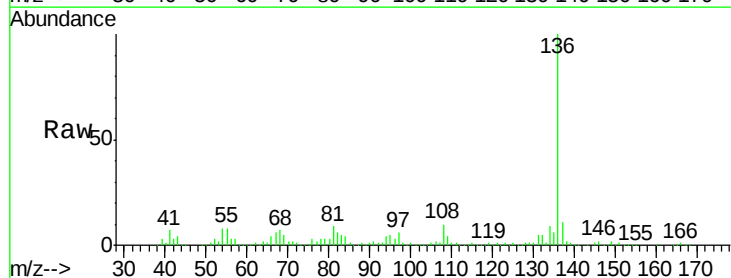
Instrument :
BNA_F
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MW-37

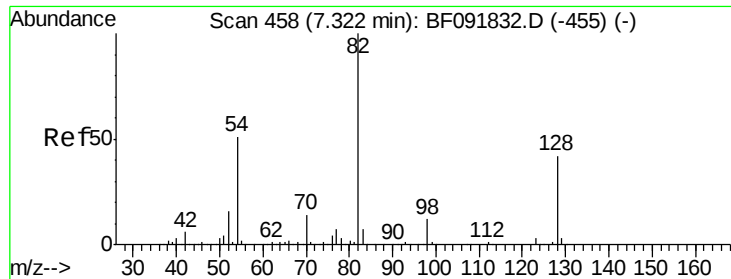
Tgt Ion:	70	Resp:	21245
Ion	Ratio	Lower	Upper
70	100		
42	30.3	49.4	74.0#
101	0.0	7.4	11.2#
130	0.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

Tgt Ion:	136	Resp:	754734
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.1	4.5	6.7#
68	7.2	3.6	5.4#

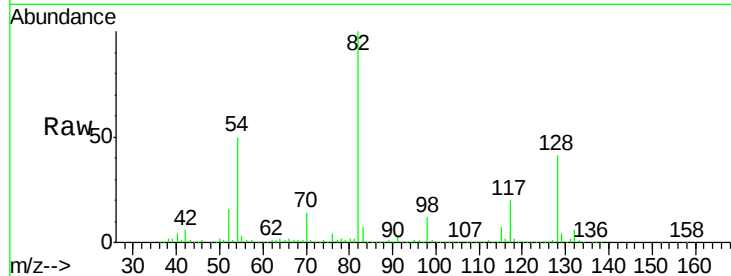




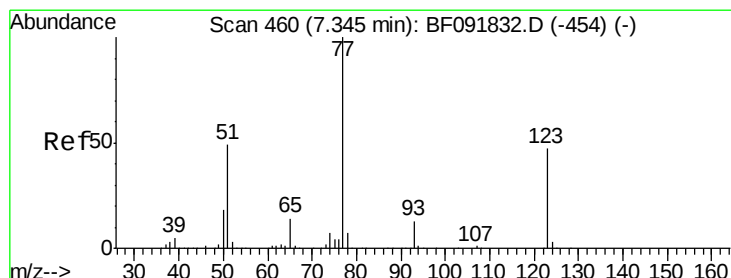
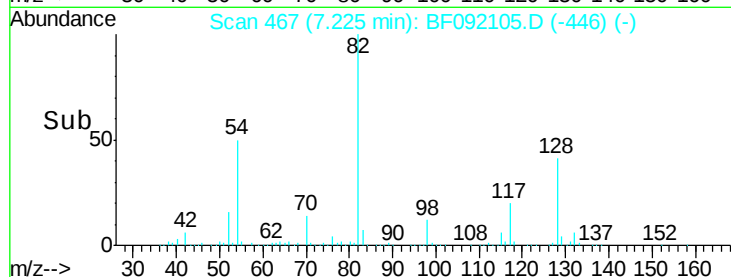
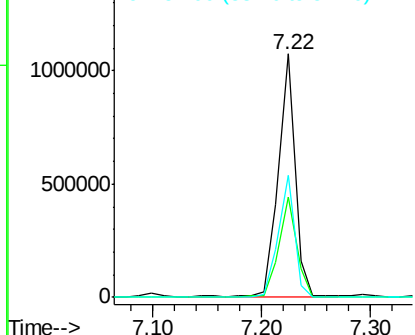
#23
Nitrobenzene-d5
Concen: 85.35 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

Instrument :
BNA_F
ClientSampled :
MW-37

Tgt Ion: 82 Resp: 1158484
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 50.0 39.5 59.3

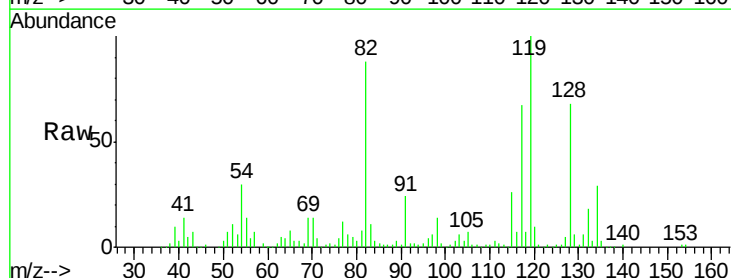


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

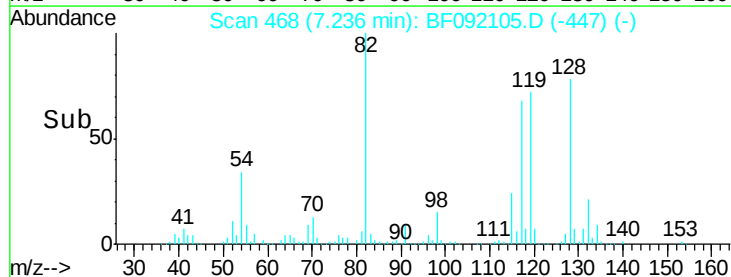
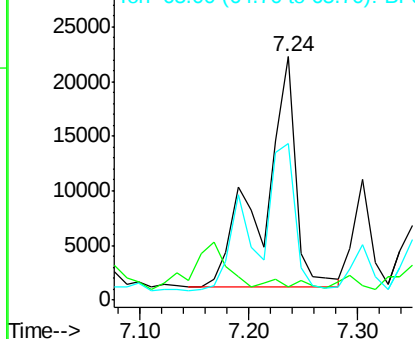


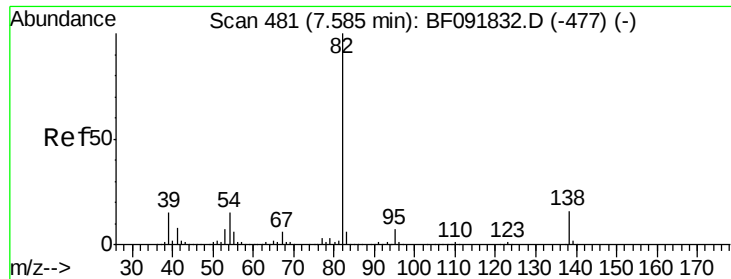
#24
Nitrobenzene
Concen: 3.02 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.06 min
Lab File: BF092105.D
Acq: 5 Jan 2017 22:47

Tgt Ion: 77 Resp: 43652
Ion Ratio Lower Upper
77 100
123 5.2 33.0 49.4#
65 64.2 11.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.47 ng

RT: 7.58 min Scan# 498

Delta R.T. 0.03 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

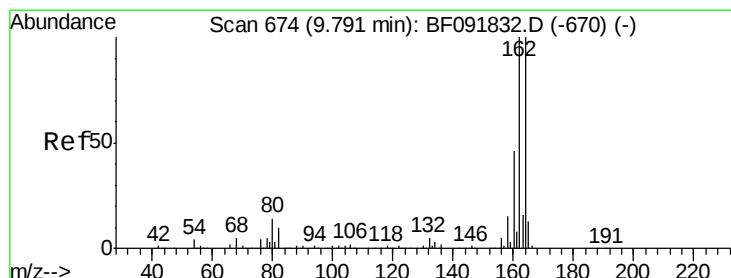
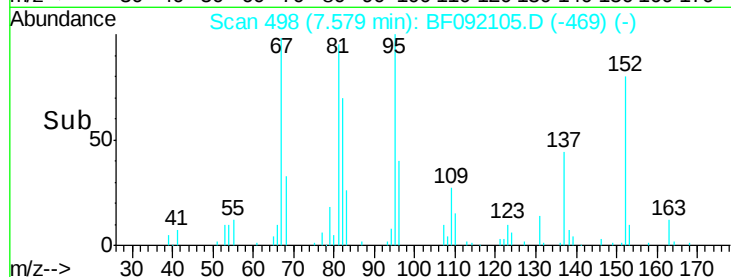
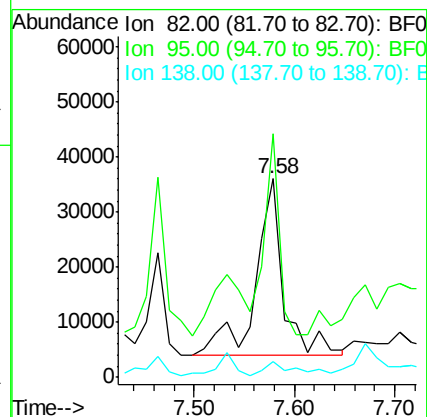
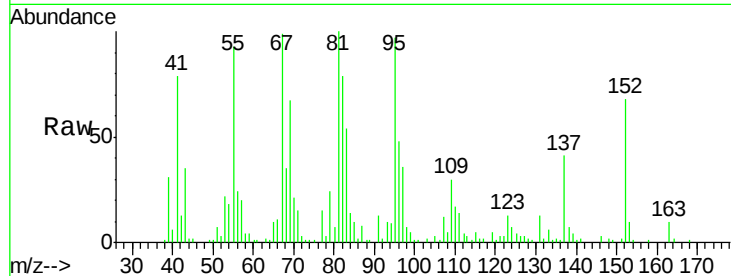
Tgt Ion: 82 Resp: 61867

Ion Ratio Lower Upper

82 100

95 122.8 5.6 8.4#

138 8.3 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

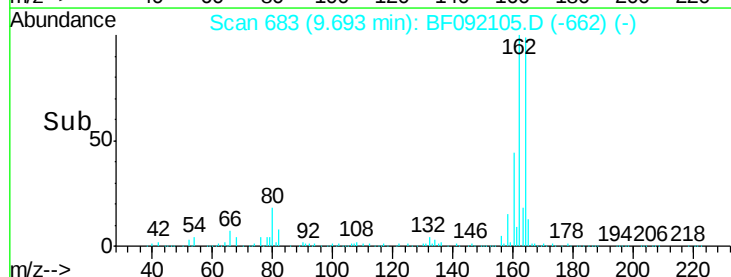
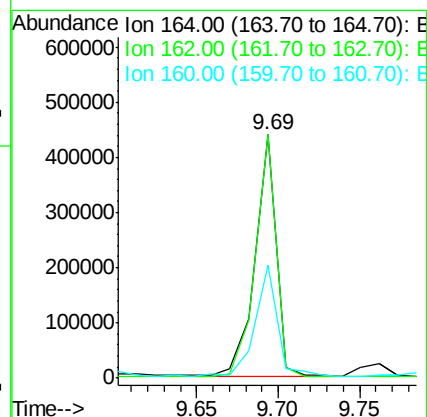
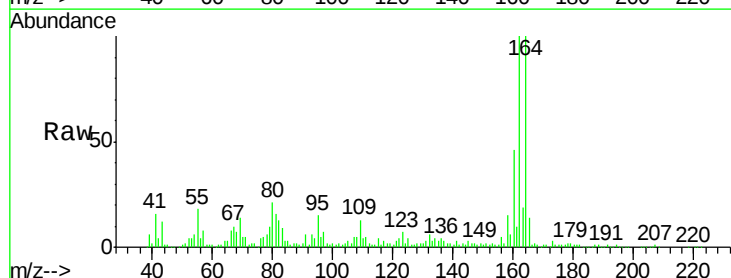
Tgt Ion: 164 Resp: 395622

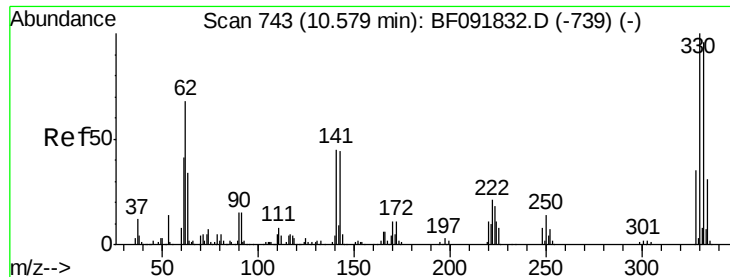
Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

160 46.5 36.9 55.3

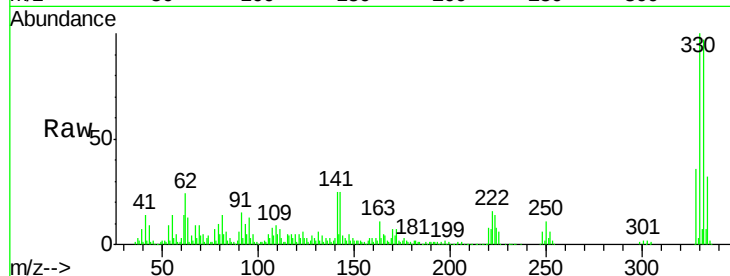




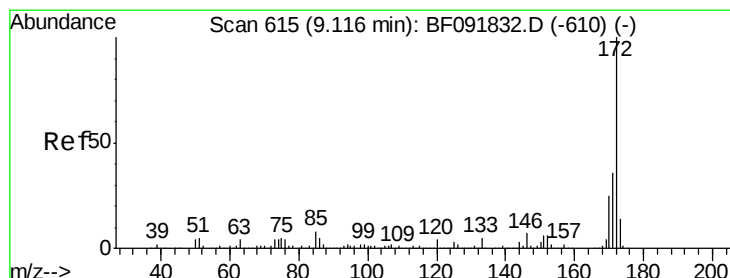
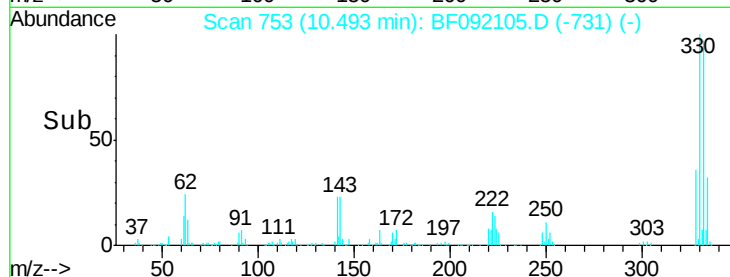
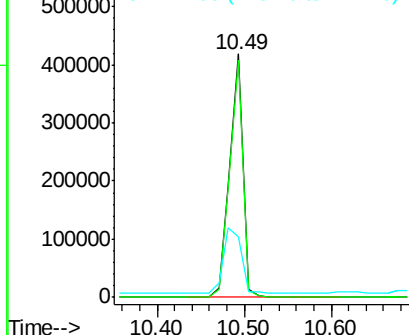
#41
 2,4,6-Tribromophenol
 Concen: 135.58 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Instrument :
 BNA_F
 ClientSampled :
 MW-37

Tgt Ion:330 Resp: 443901
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 36.9 34.1 51.1

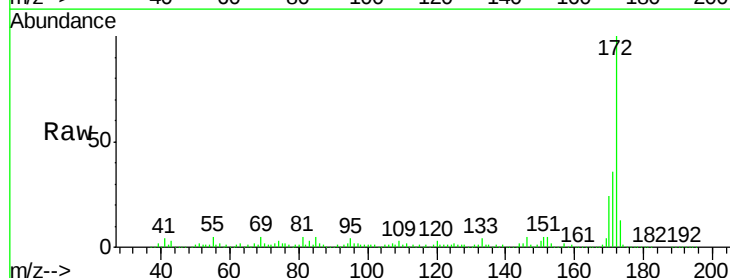


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

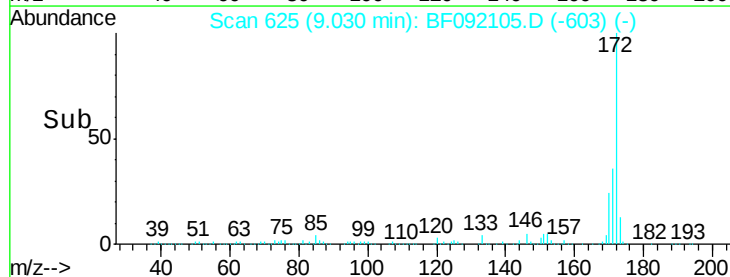
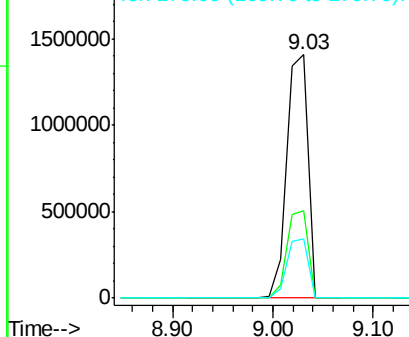


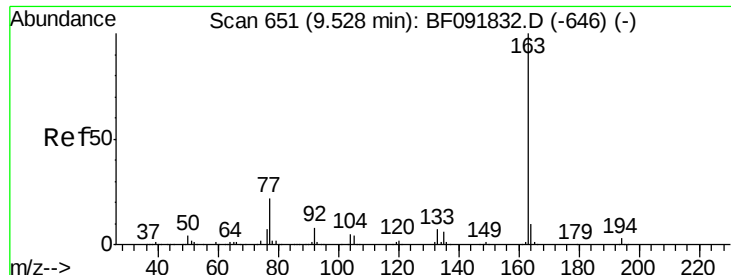
#44
 2-Fluorobiphenyl
 Concen: 110.39 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Tgt Ion:172 Resp: 2057092
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#49

Dimethylphthalate

Concen: 2.95 ng

RT: 9.42 min Scan# 659

Delta R.T. -0.07 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

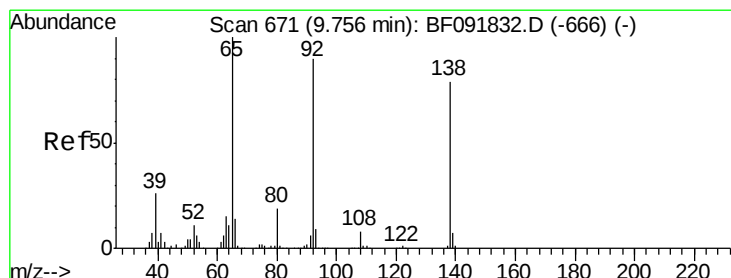
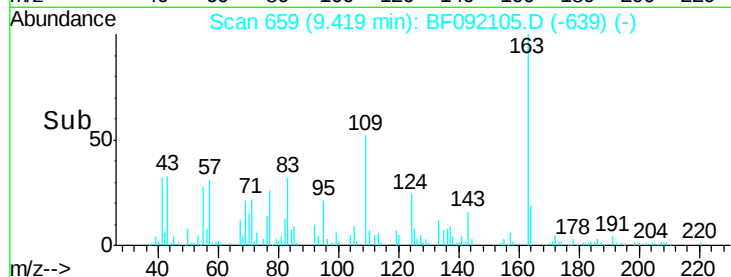
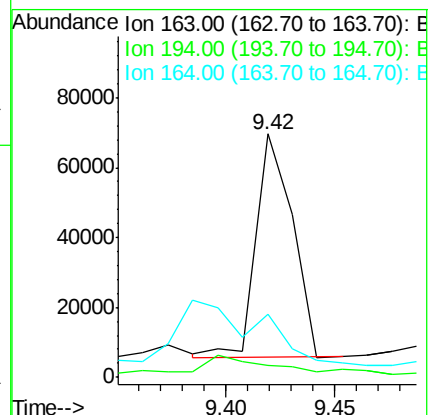
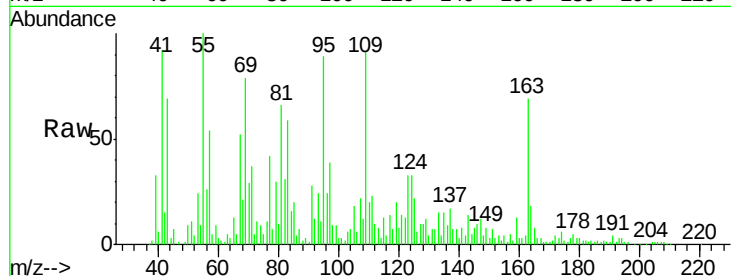
Tgt Ion:163 Resp: 74712

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

164 26.0 8.0 12.0#



#52

3-Nitroaniline

Concen: 3.67 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

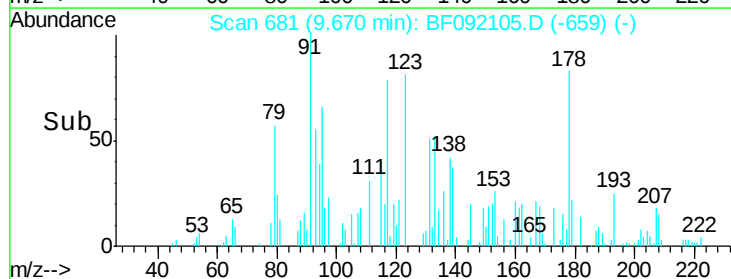
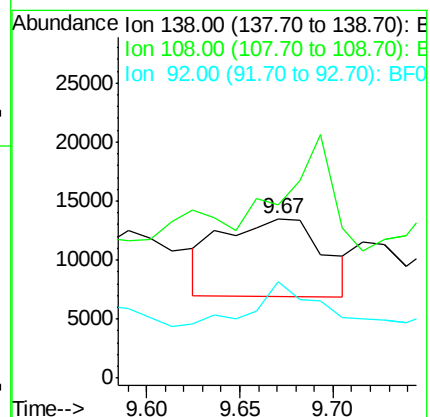
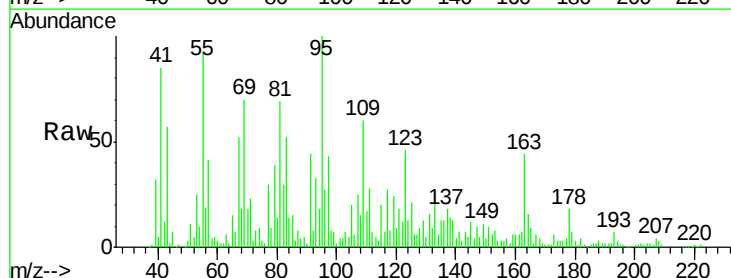
Tgt Ion:138 Resp: 25175

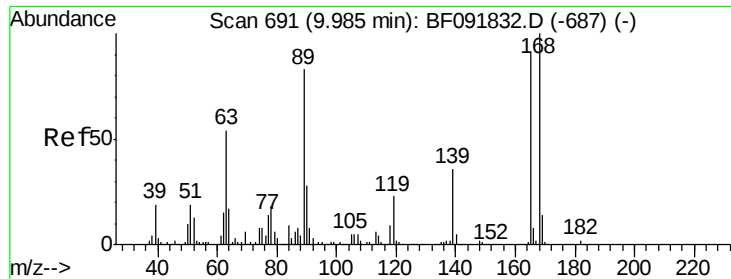
Ion Ratio Lower Upper

138 100

108 108.9 8.5 12.7#

92 60.1 97.8 146.8#





#56

2,4-Dinitrotoluene

Concen: 2.16 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.07 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

Tgt Ion:165 Resp: 15047

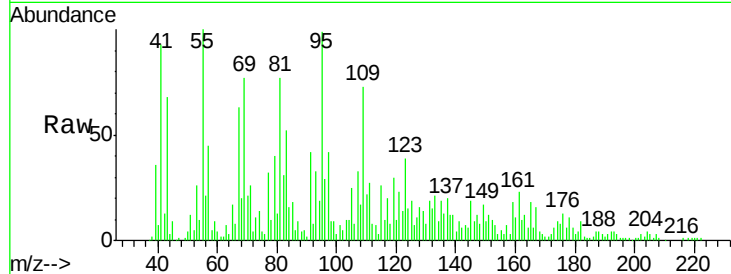
Ion Ratio Lower Upper

165 100

63 38.3 40.2 60.4#

89 29.5 62.5 93.7#

182 49.3 1.8 2.8#

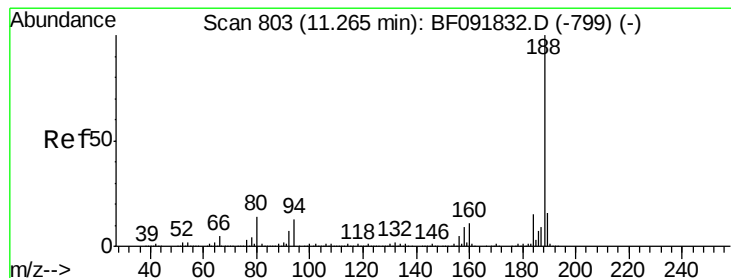
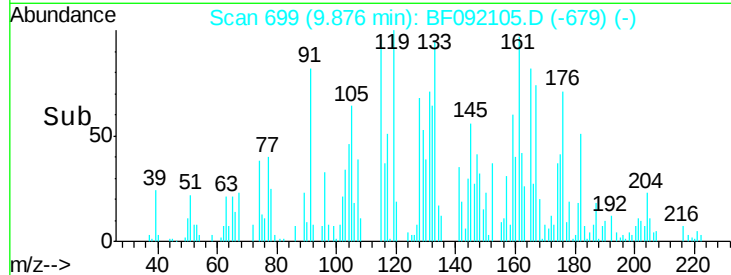
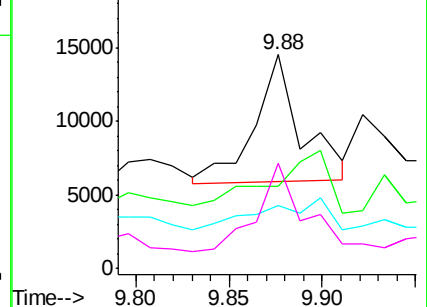


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.17 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

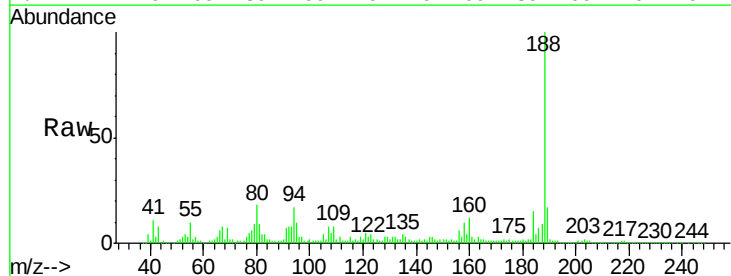
Tgt Ion:188 Resp: 587688

Ion Ratio Lower Upper

188 100

94 16.6 10.0 15.0#

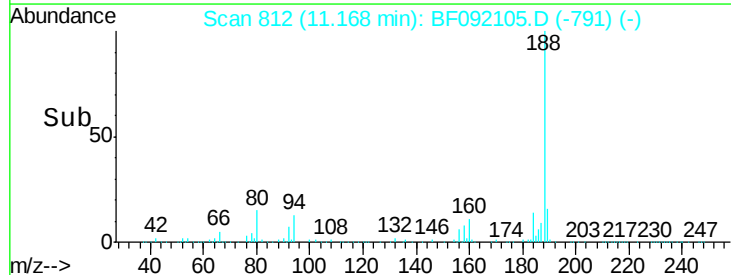
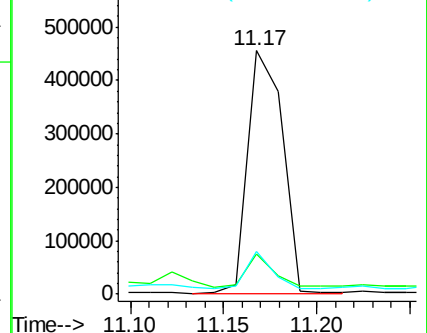
80 17.6 11.2 16.8#

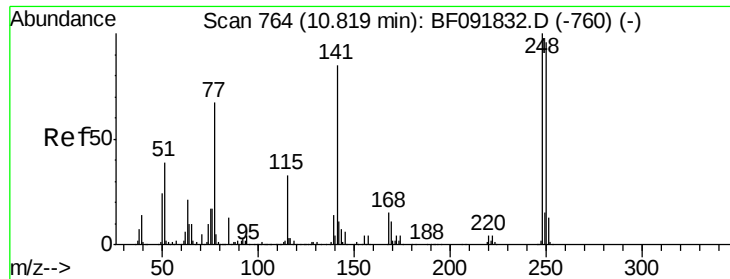


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

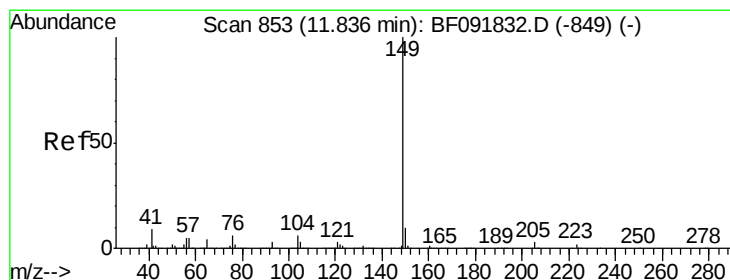
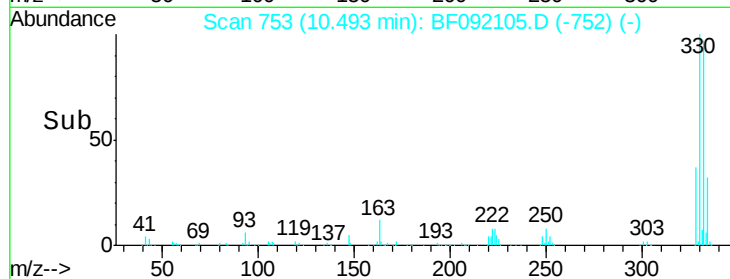
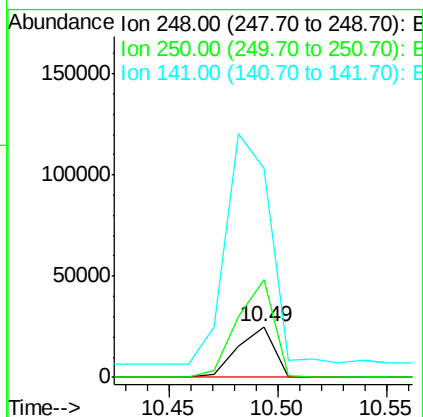
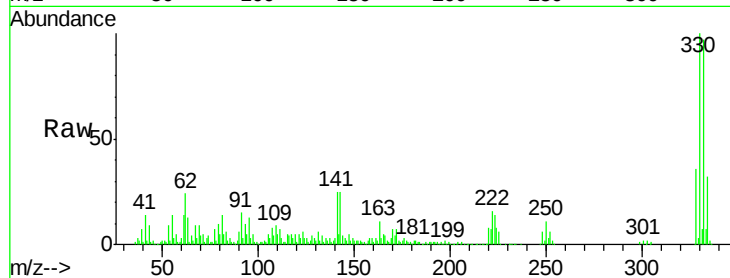




#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

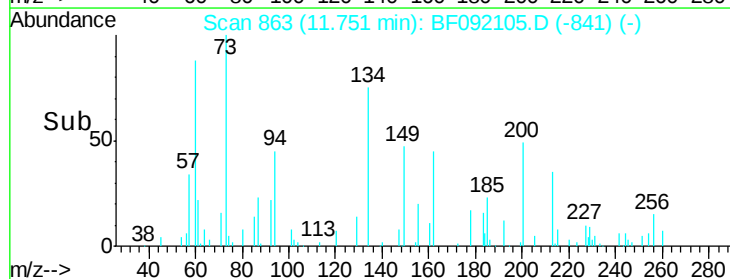
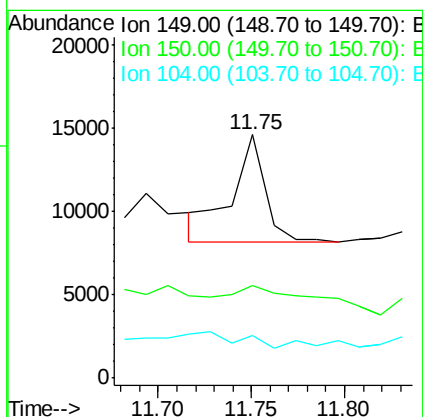
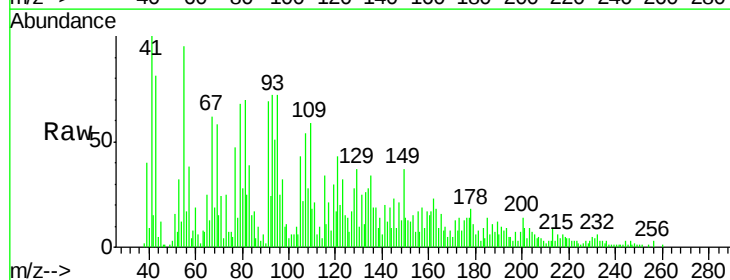
Instrument :
 BNA_F
 ClientSampleId :
 MW-37

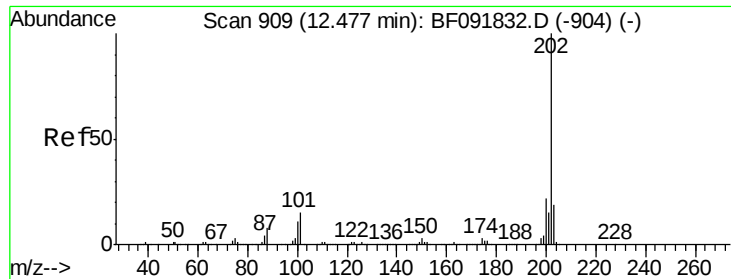
Tgt Ion:248 Resp: 29197
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.9 115.3#
 141 416.0 68.2 102.4#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.75 min Scan# 863
 Delta R.T. -0.05 min
 Lab File: BF092105.D
 Acq: 5 Jan 2017 22:47

Tgt Ion:149 Resp: 8174
 Ion Ratio Lower Upper
 149 100
 150 37.8 8.1 12.1#
 104 17.3 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

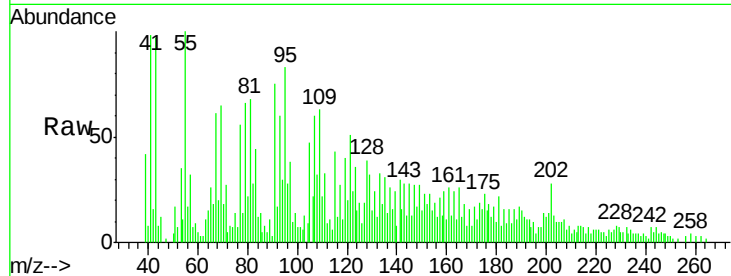
Tgt Ion:202 Resp: 5436

Ion Ratio Lower Upper

202 100

101 24.2 0.0 34.6

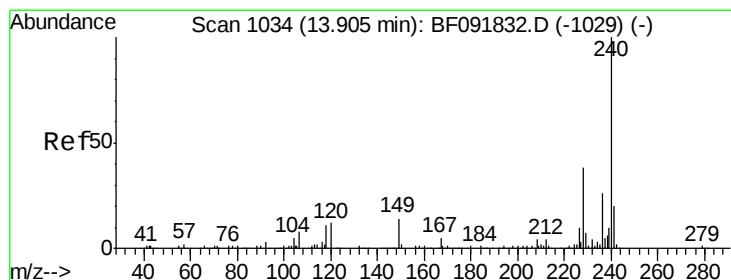
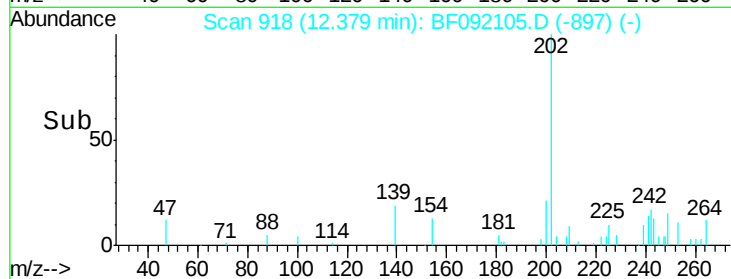
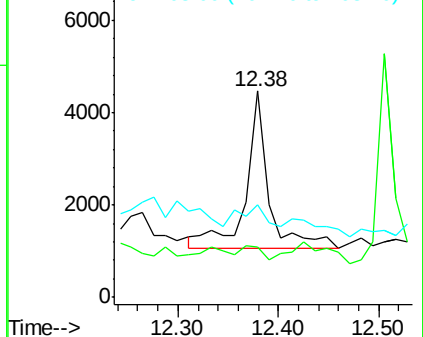
203 45.2 0.0 38.7#



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: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

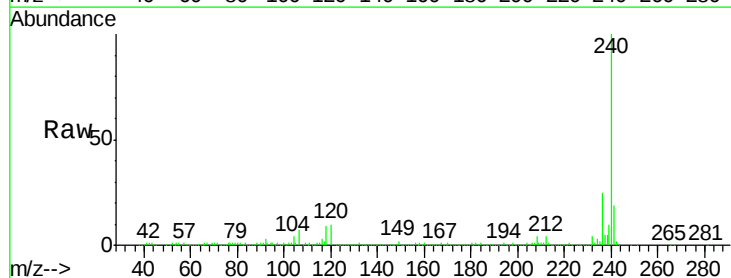
Tgt Ion:240 Resp: 418531

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

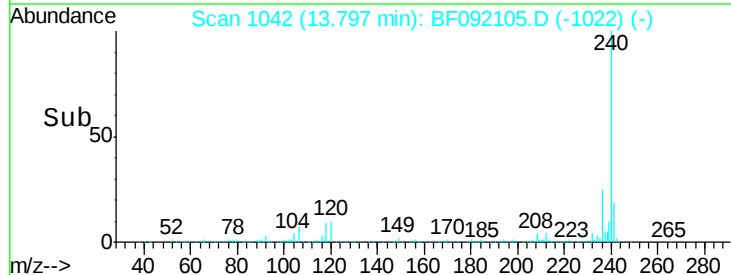
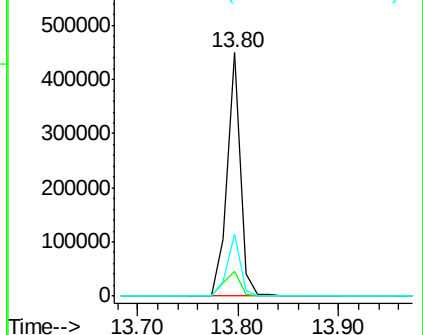
236 25.5 20.9 31.3

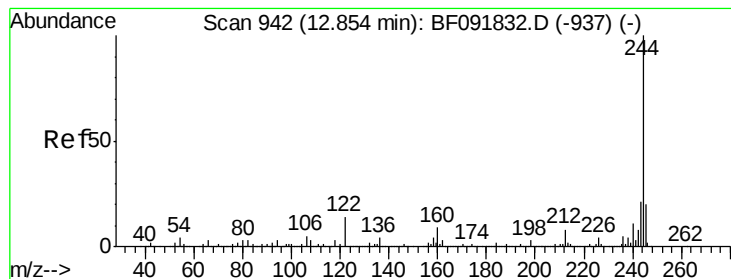


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.89 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

Instrument :

BNA_F

ClientSampleId :

MW-37

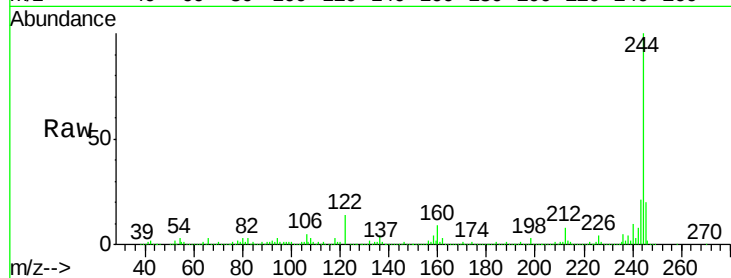
Tgt Ion:244 Resp: 1378689

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

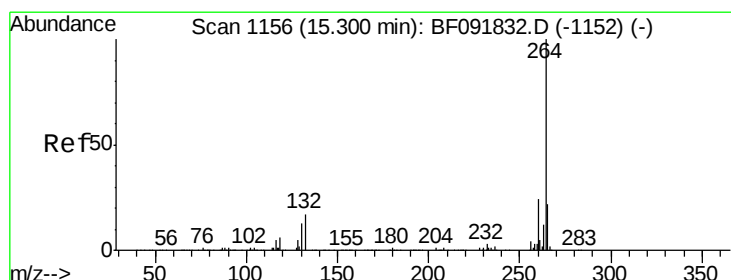
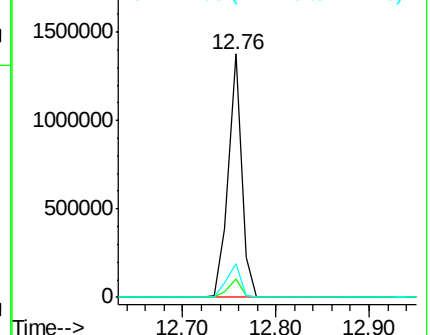
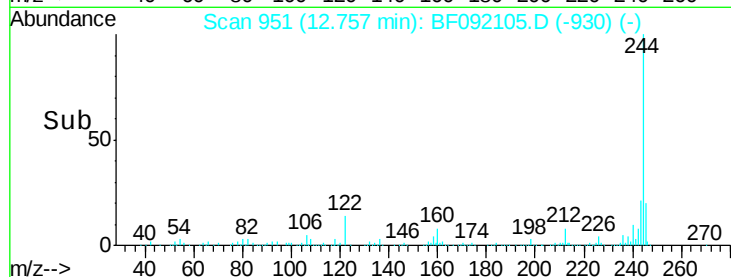
122 13.9 11.4 17.2



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: 15.17 min Scan# 1162

Delta R.T. -0.09 min

Lab File: BF092105.D

Acq: 5 Jan 2017 22:47

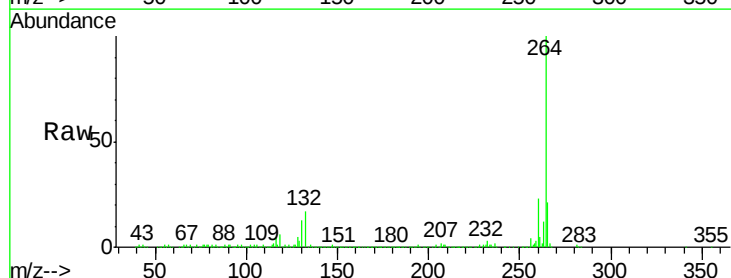
Tgt Ion:264 Resp: 364033

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

