

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081416.D
 Acq On : 4 Sep 2015 12:01
 Operator : UM/IZ
 Sample : G3481-01RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 13:23:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

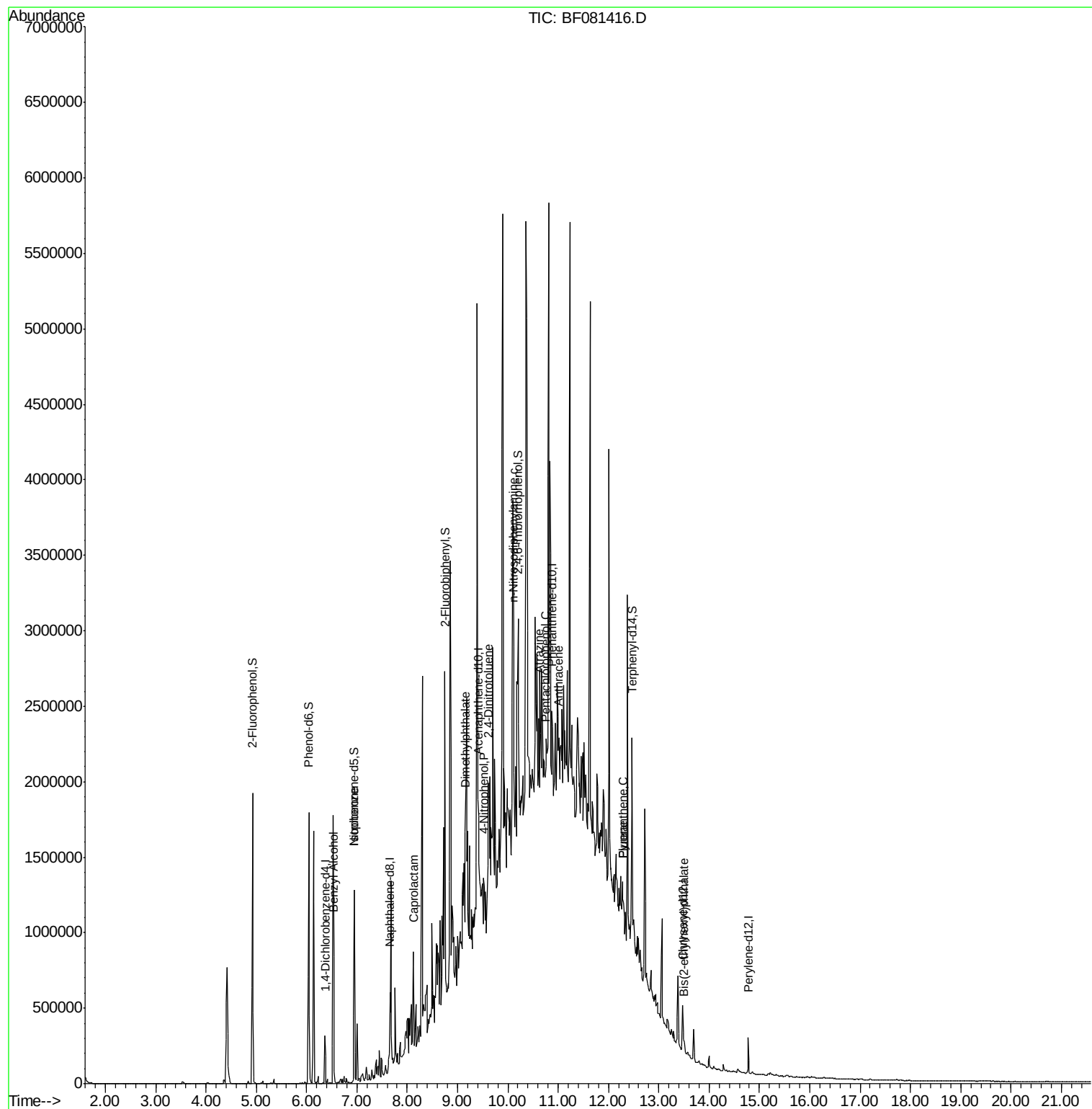
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	53375	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	199589	20.00	ng	-0.02
38) Acenaphthene-d10	9.40	164	80377	20.00	ng	-0.01
63) Phenanthrene-d10	10.88	188	136547	20.00	ng	0.00
75) Chrysene-d12	13.47	240	99436	20.00	ng	-0.02
86) Perylene-d12	14.78	264	90970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	538485	156.53	ng	0.00
7) Phenol-d6	6.04	99	698434	153.38	ng	-0.01
23) Nitrobenzene-d5	6.95	82	438576	106.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.20	330	139270	194.60	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	847739	135.16	ng	-0.01
78) Terphenyl-d14	12.47	244	550254	128.82	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.54	79	110397	29.55	ng	# 72
25) Isophorone	6.95	82	333943	43.40	ng	# 59
35) Caprolactam	8.12	113	14743	17.14	ng	# 1
49) Dimethylphthalate	9.15	163	113036	18.10	ng	# 97
55) 4-Nitrophenol	9.52	139	3157	3.11	ng	# 1
56) 2,4-Dinitrotoluene	9.62	165	4118	2.28	ng	# 61
65) n-Nitrosodiphenylamine	10.11	169	61051	12.29	ng	# 72
68) Atrazine	10.62	200	16561	11.52	ng	# 59
69) Pentachlorophenol	10.75	266	452	9.32	ng	# 8
71) Anthracene	11.00	178	33854	4.34	ng	# 1
74) Fluoranthene	12.30	202	26282	3.20	ng	87
77) Pyrene	12.30	202	29583	4.02	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.51	149	21315	5.04	ng	# 95

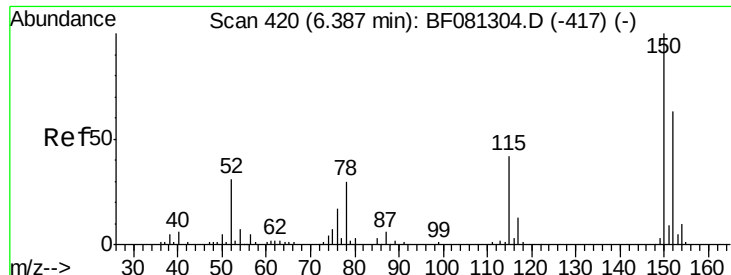
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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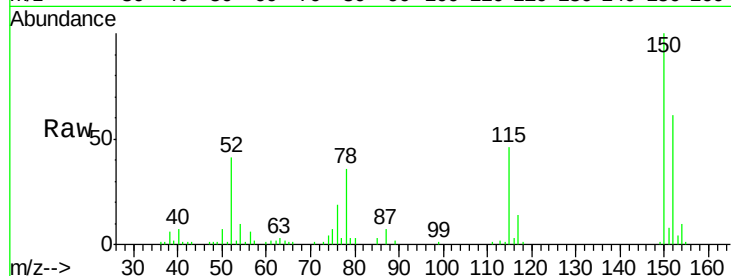


#1

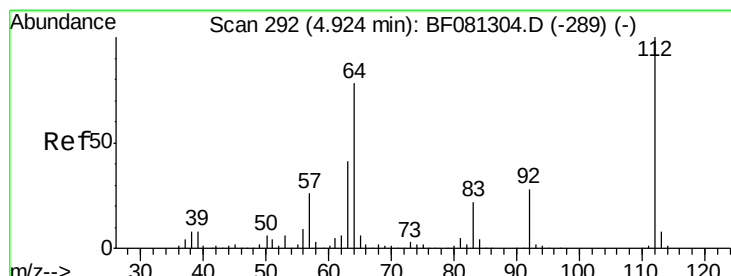
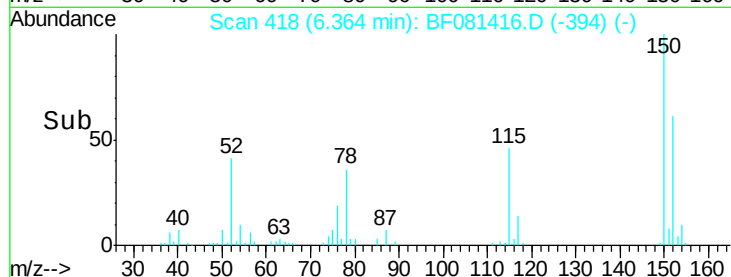
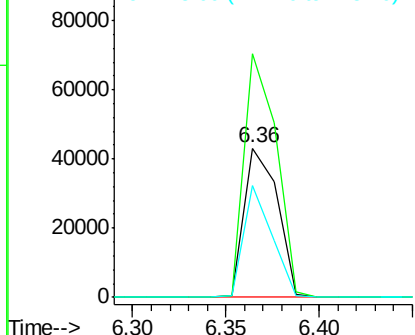
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53375
Ion Ratio Lower Upper
152 100
150 162.9 124.7 187.1
115 74.8 39.0 58.4#



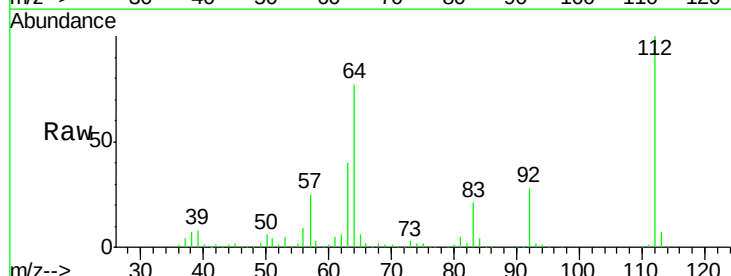
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



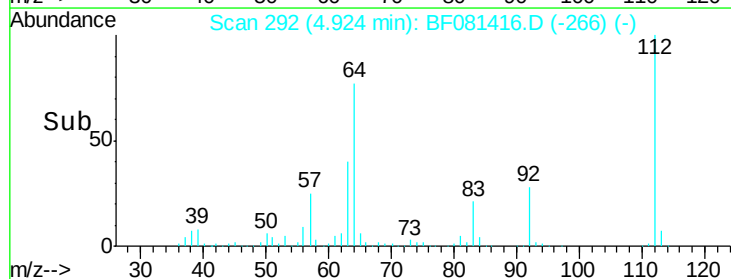
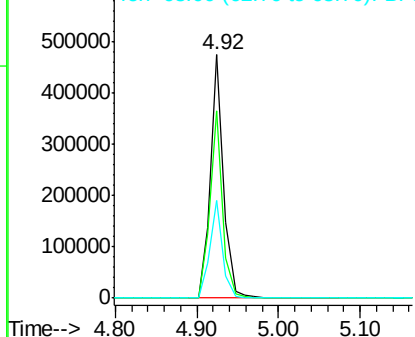
#5

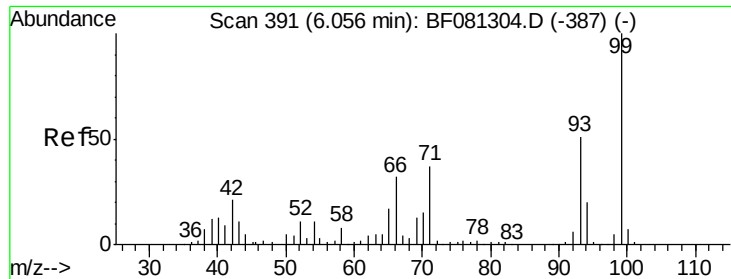
2-Fluorophenol
Concen: 156.53 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion:112 Resp: 538485
Ion Ratio Lower Upper
112 100
64 76.9 39.7 59.5#
63 40.3 17.4 26.0#



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: 153.38 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

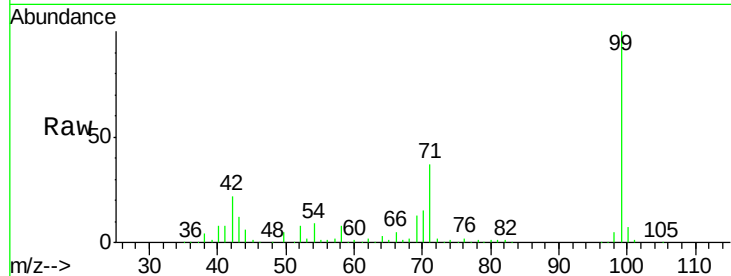
Tot Ion: 99 Resp: 698434

Ion Ratio Lower Upper

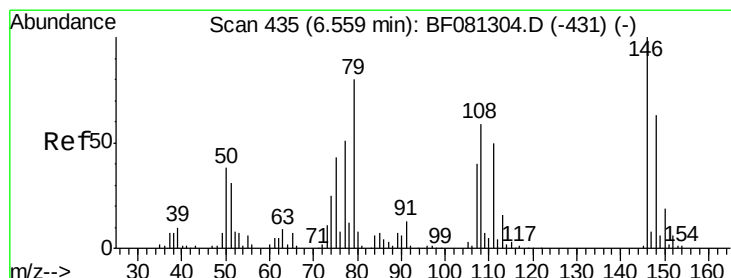
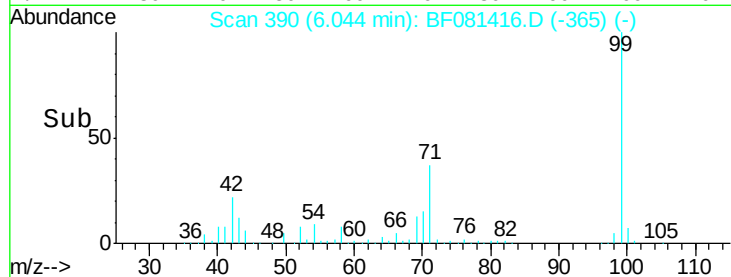
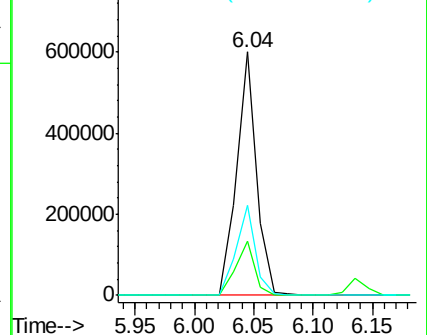
99 100

42 22.2 13.7 20.5#

71 37.0 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 29.55 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

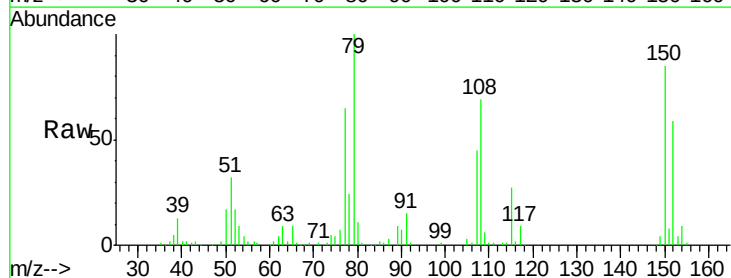
Tgt Ion: 79 Resp: 110397

Ion Ratio Lower Upper

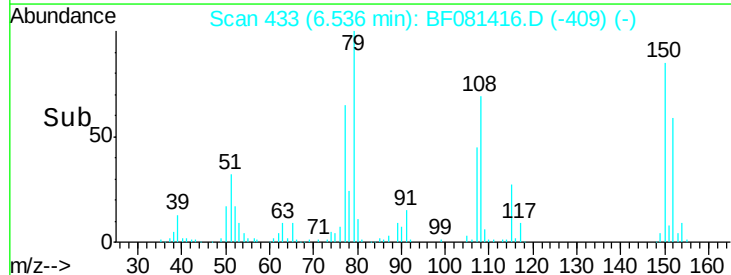
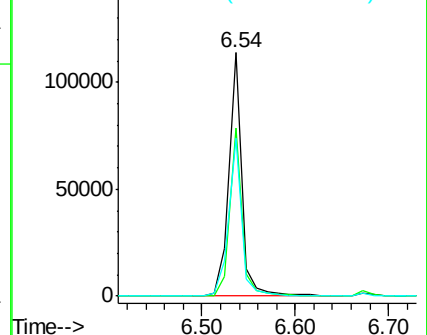
79 100

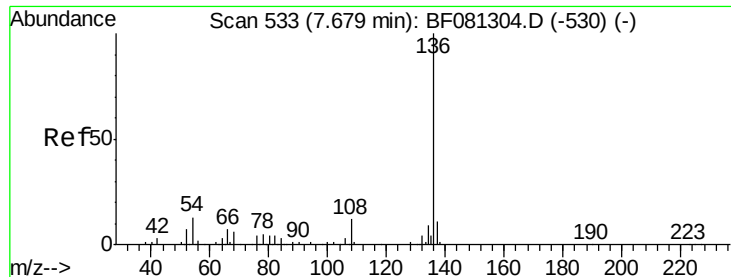
108 69.2 88.6 132.8#

77 64.9 47.0 70.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 199589

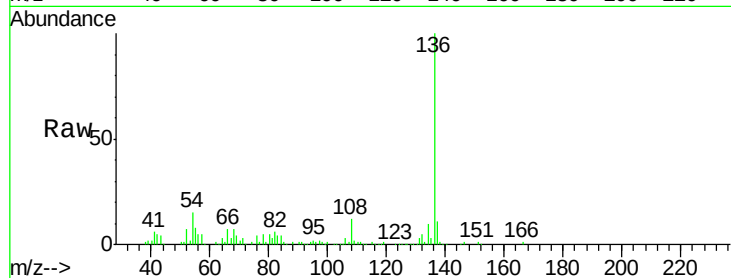
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 14.6 8.2 12.2#

68 7.0 5.8 8.6

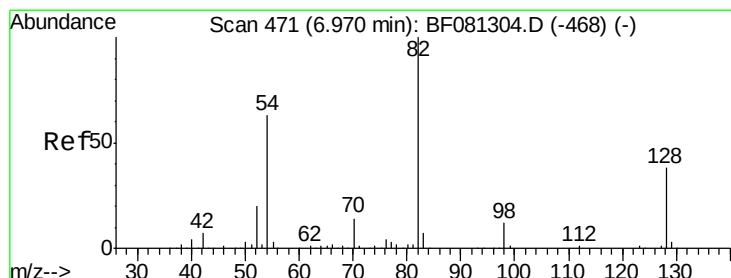
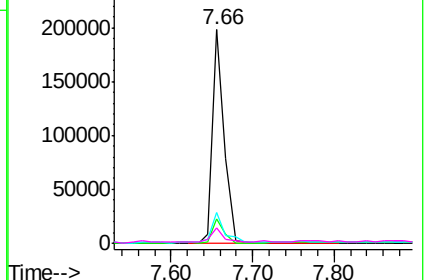
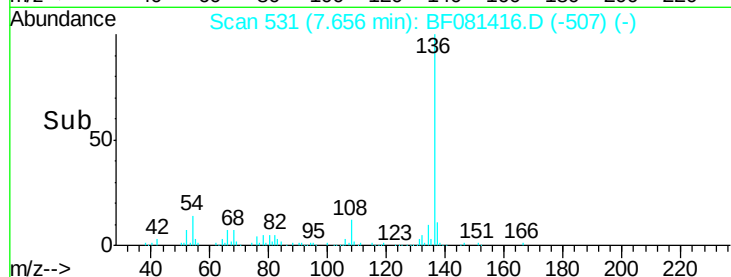


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 106.02 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

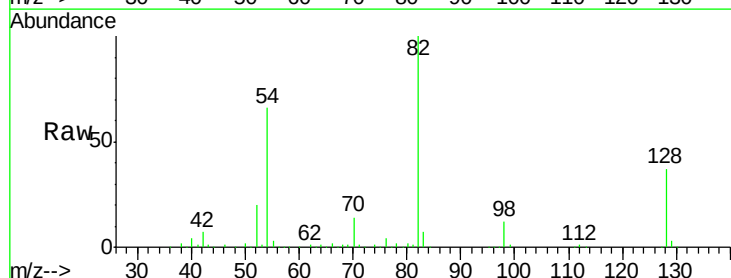
Tgt Ion: 82 Resp: 438576

Ion Ratio Lower Upper

82 100

128 37.2 51.0 76.6#

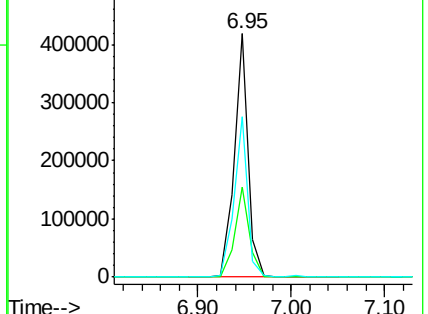
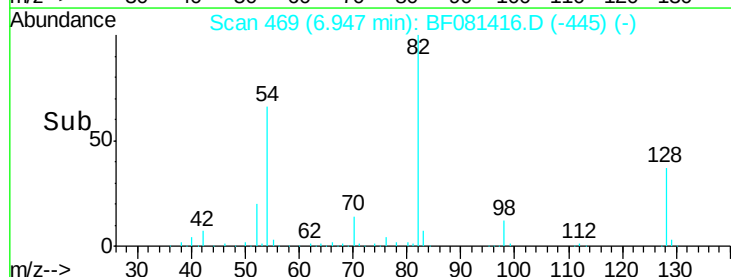
54 66.0 47.5 71.3

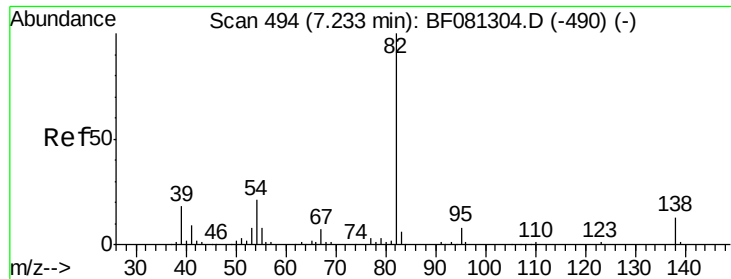


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

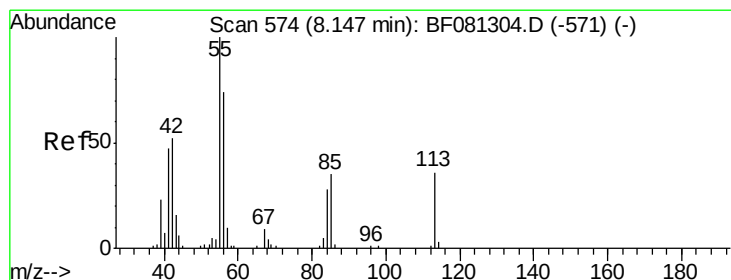
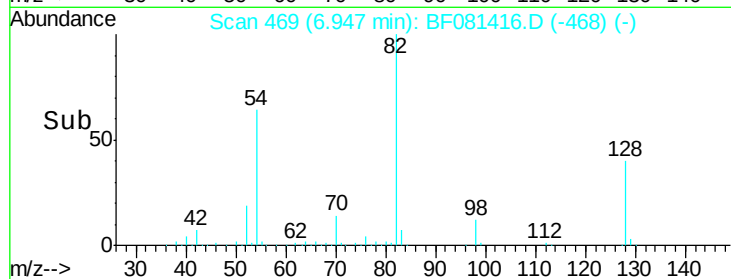
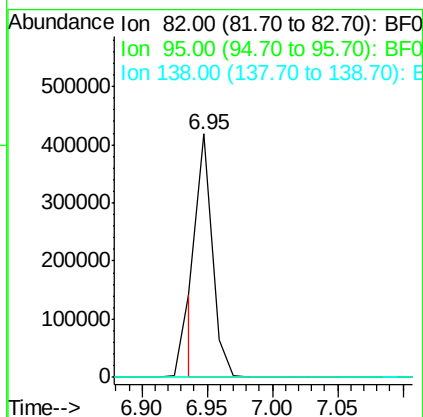
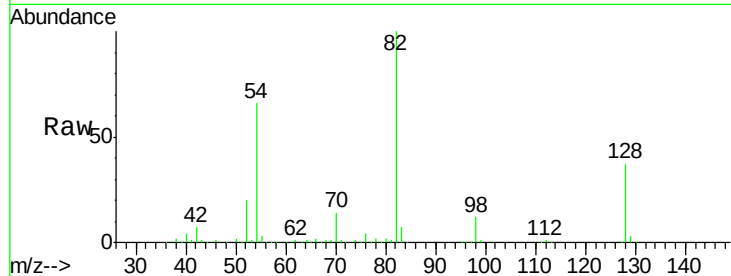




#25
Isophorone
Concen: 43.40 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.29 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

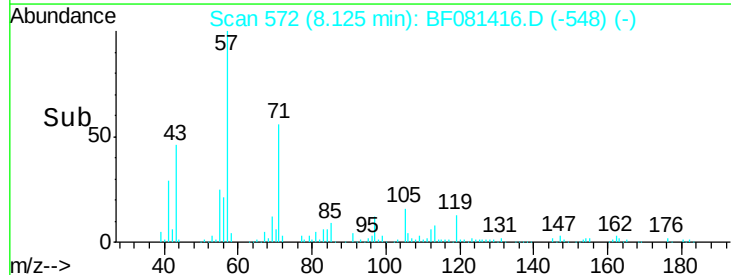
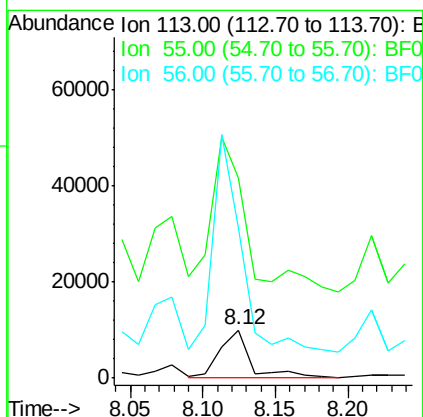
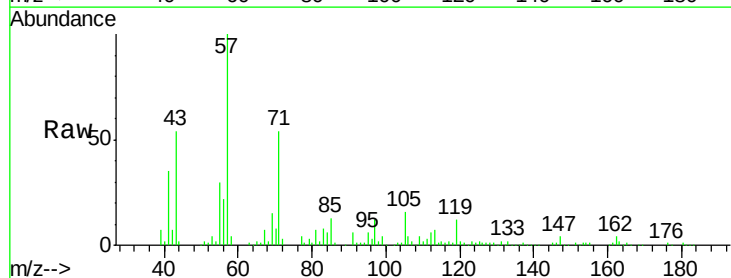
Instrument :
BNA_F
ClientSampleId :

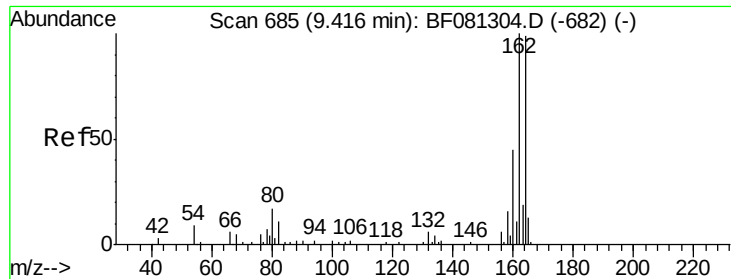
Tot Ion: 82 Resp: 333943
Ion Ratio Lower Upper
82 100
95 0.1 4.0 6.0#
138 0.0 18.3 27.5#



#35
Caprolactam
Concen: 17.14 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion: 113 Resp: 14743
Ion Ratio Lower Upper
113 100
55 417.0 152.4 192.4#
56 313.3 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

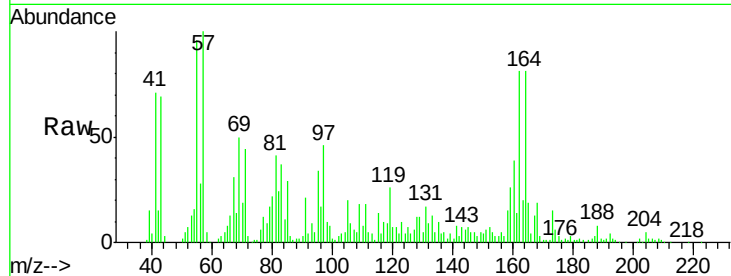
Tot Ion:164 Resp: 80377

Ion Ratio Lower Upper

164 100

162 100.4 75.2 112.8

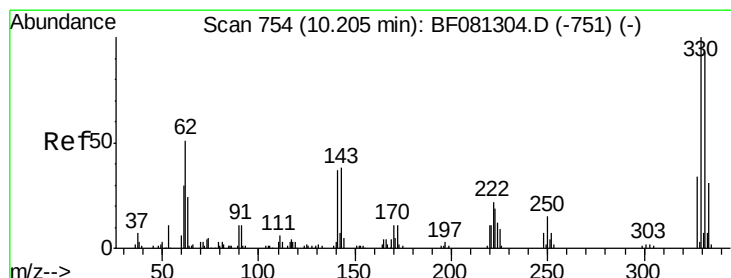
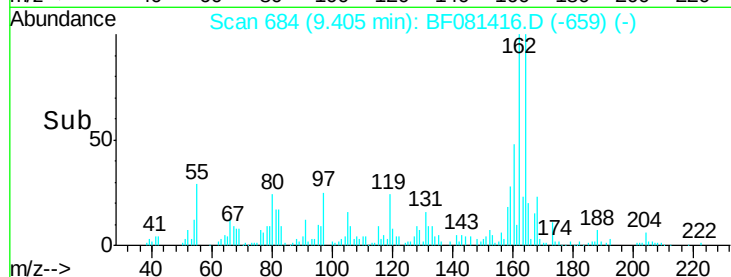
160 48.1 31.5 47.3#



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: 194.60 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

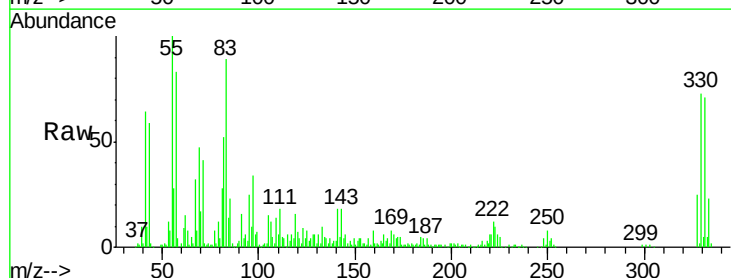
Tgt Ion:330 Resp: 139270

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

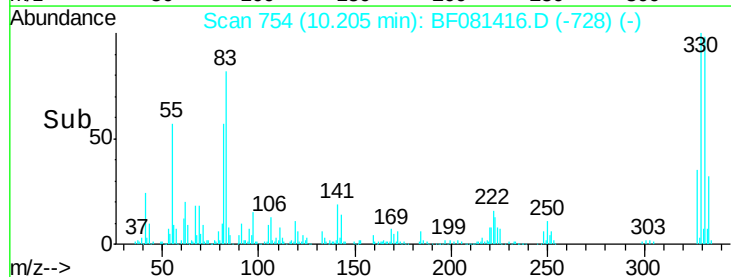
141 52.7 29.7 44.5#

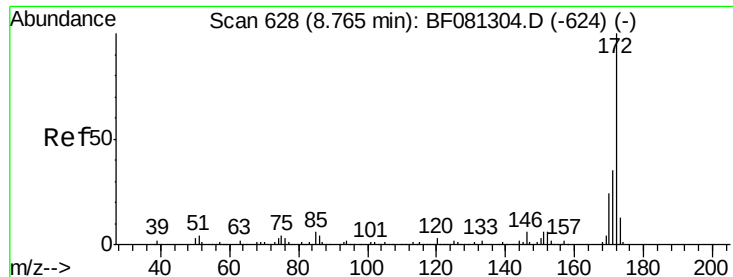


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

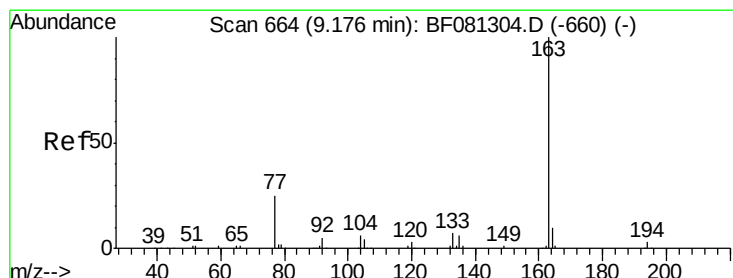
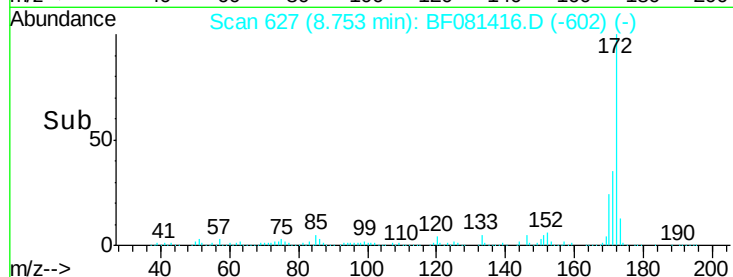
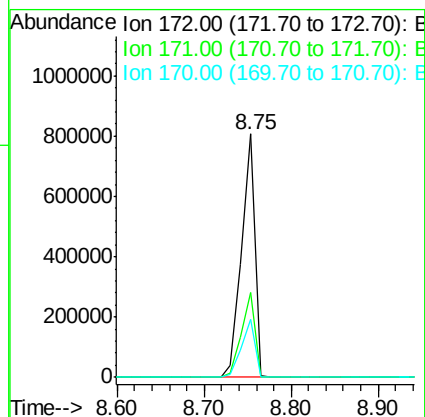
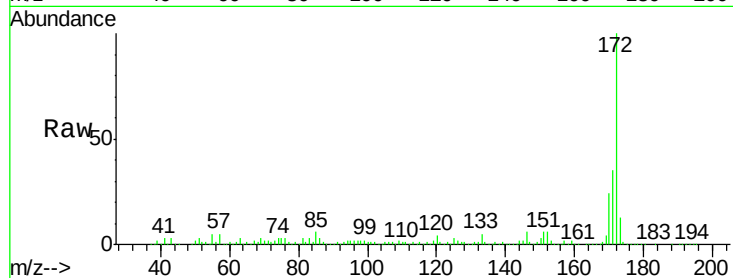




#44
2-Fluorobiphenyl
Concen: 135.16 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

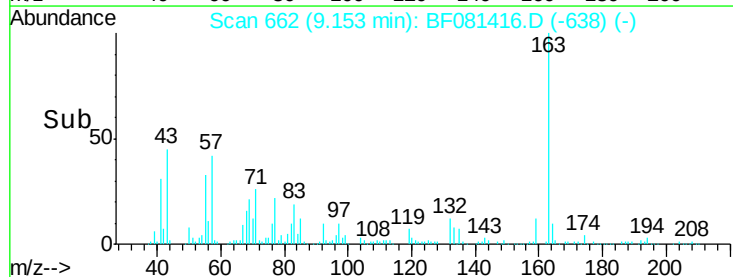
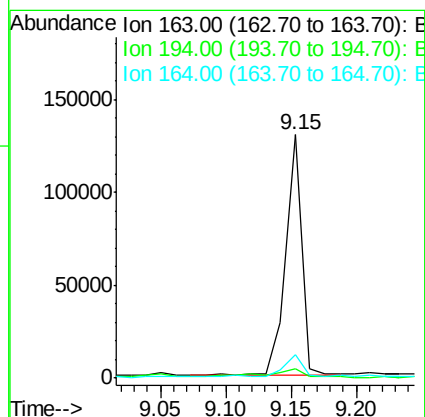
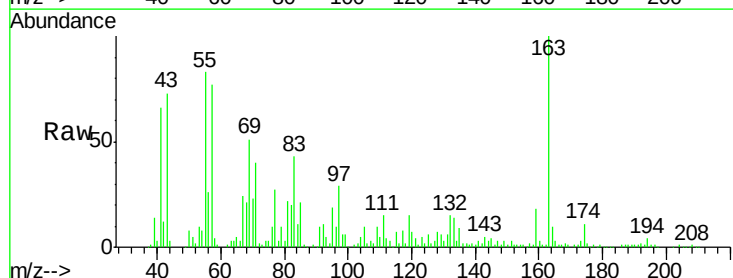
Instrument :
BNA_F
ClientSampled :

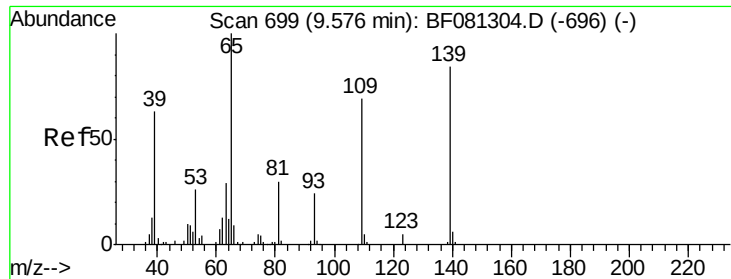
Tot Ion:172 Resp: 847739
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 18.10 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion:163 Resp: 113036
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.9 8.3 12.5

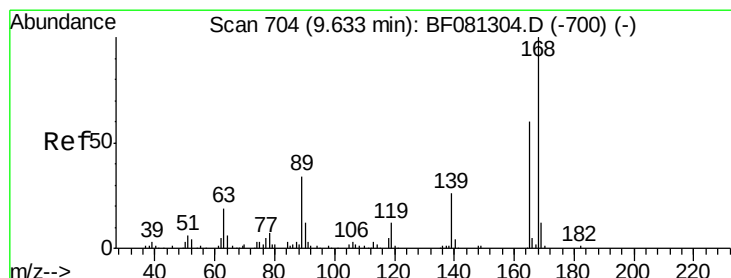
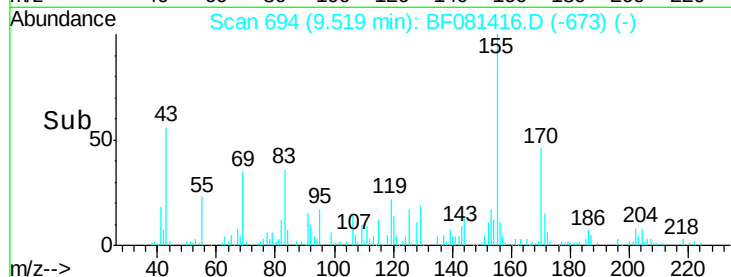
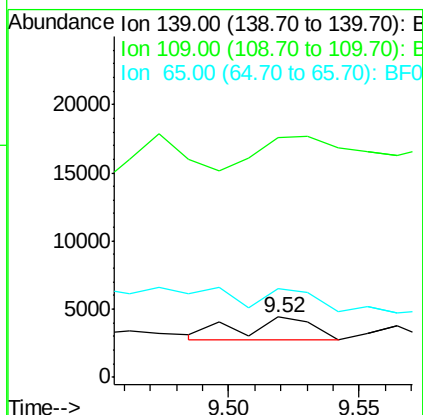
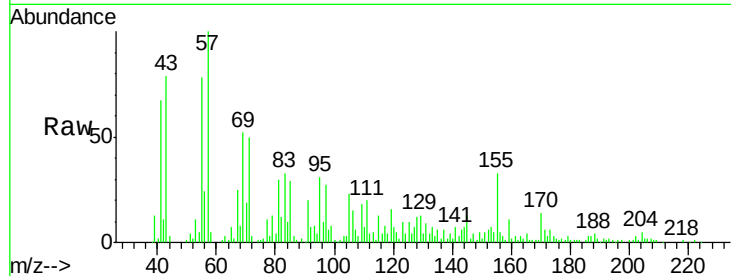




#55
4-Nitrophenol
Concen: 3.11 na
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

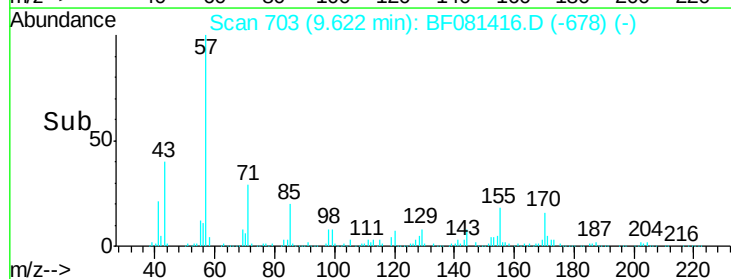
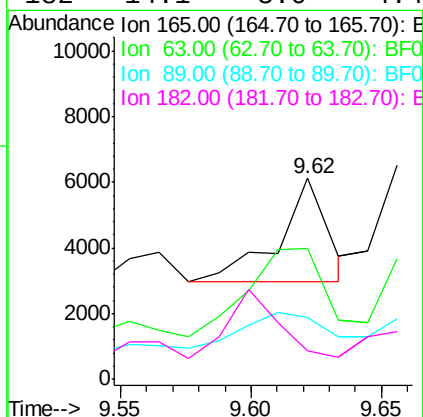
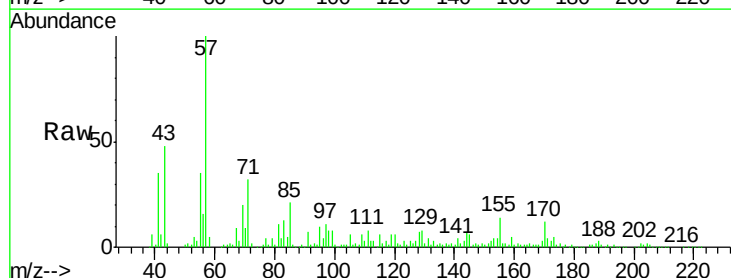
Instrument :
BNA_F
ClientSampled :

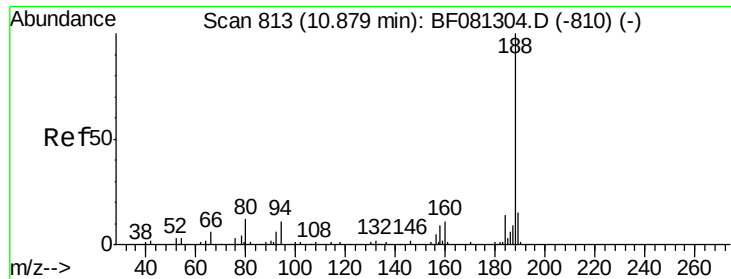
Tot Ion:139 Resp: 3157
Ion Ratio Lower Upper
139 100
109 399.9 12.7 52.7#
65 148.3 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 2.28 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion:165 Resp: 4118
Ion Ratio Lower Upper
165 100
63 65.0 29.8 44.6#
89 30.9 44.5 66.7#
182 14.1 3.0 4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

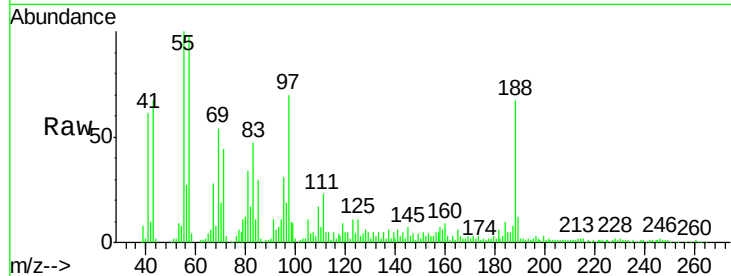
Tot Ion:188 Resp: 136547

Ion Ratio Lower Upper

188 100

94 16.2 11.1 16.7

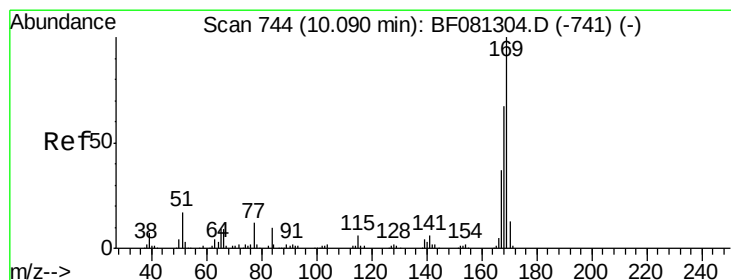
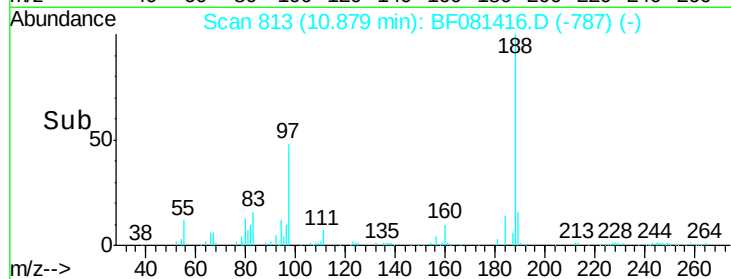
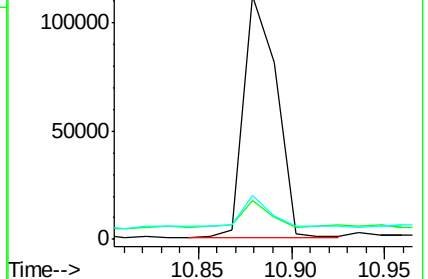
80 17.9 11.0 16.4#



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



#65

n-Nitrosodiphenylamine

Concen: 12.29 ng

RT: 10.11 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

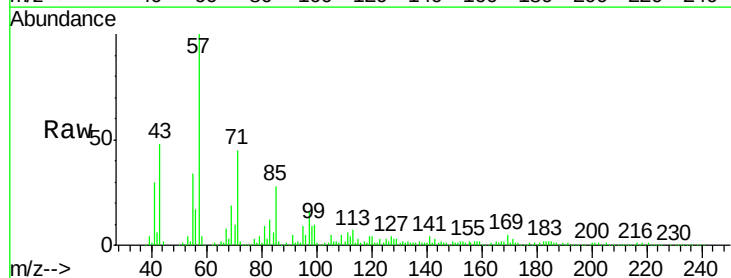
Tgt Ion:169 Resp: 61051

Ion Ratio Lower Upper

169 100

168 31.6 48.9 73.3#

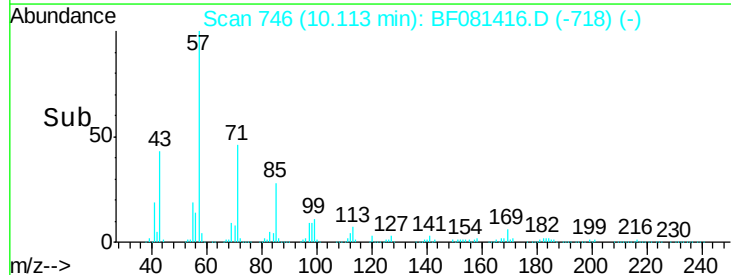
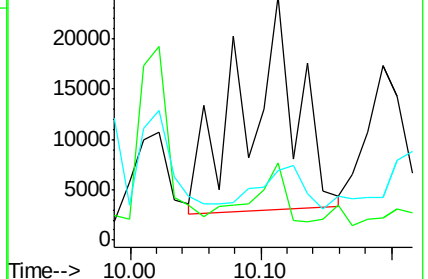
167 28.5 26.2 39.4

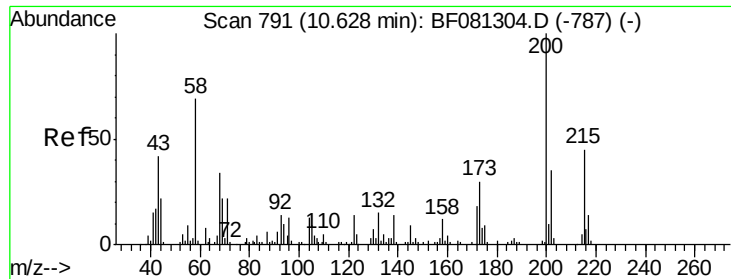


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

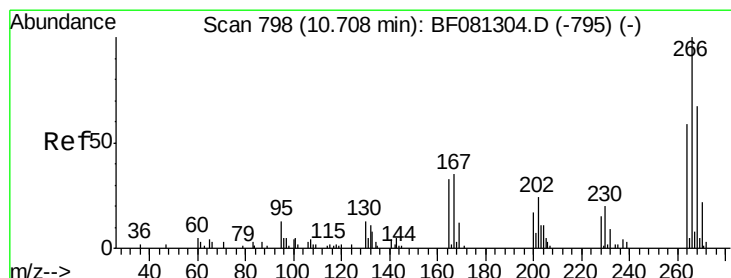
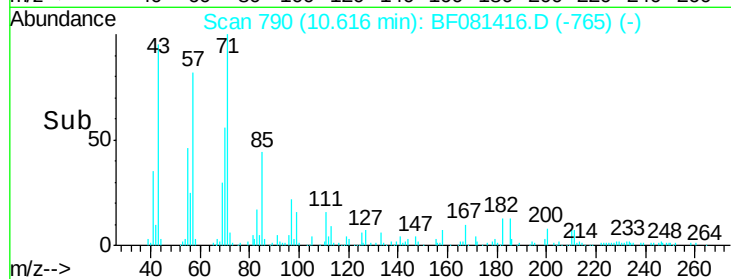
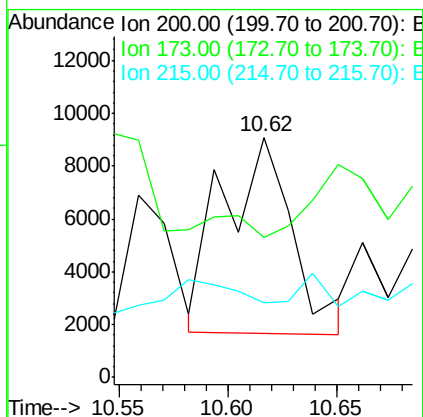
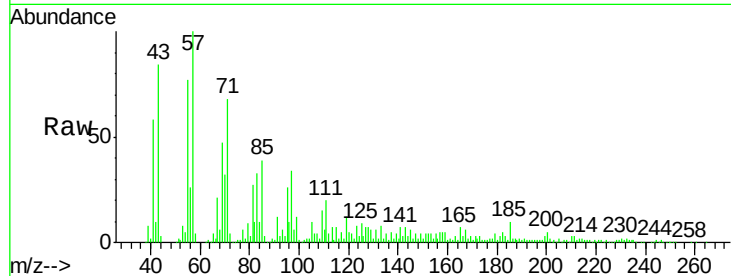




#68
Atrazine
Concen: 11.52 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

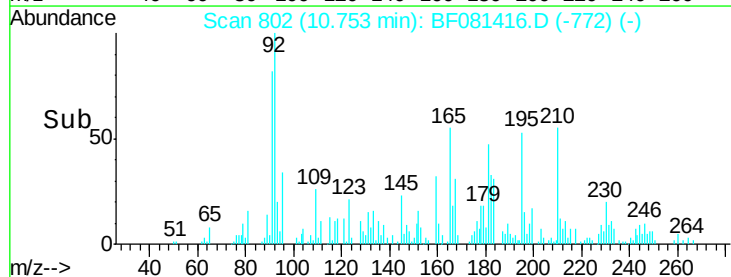
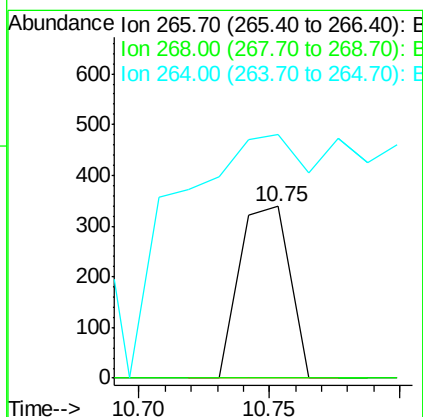
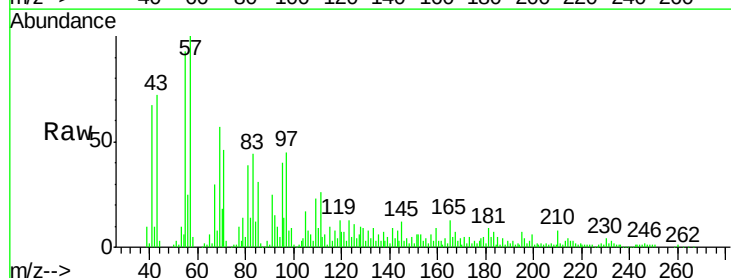
Instrument :
BNA_F
ClientSampleId :

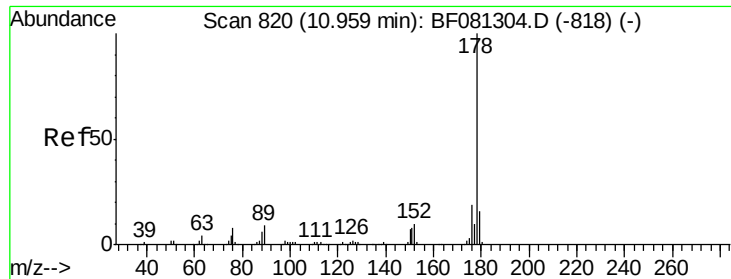
Tot Ion:200 Resp: 16561
Ion Ratio Lower Upper
200 100
173 58.1 13.2 53.2#
215 31.0 41.8 81.8#



#69
Pentachlorophenol
Concen: 9.32 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.05 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion:266 Resp: 452
Ion Ratio Lower Upper
266 100
268 0.0 49.8 74.6#
264 142.0 50.2 75.2#





#71

Anthracene

Concen: 4.34 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

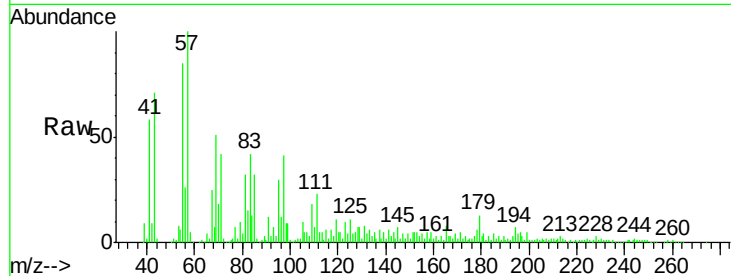
Tot Ion:178 Resp: 33854

Ion Ratio Lower Upper

178 100

176 28.8 14.1 21.1#

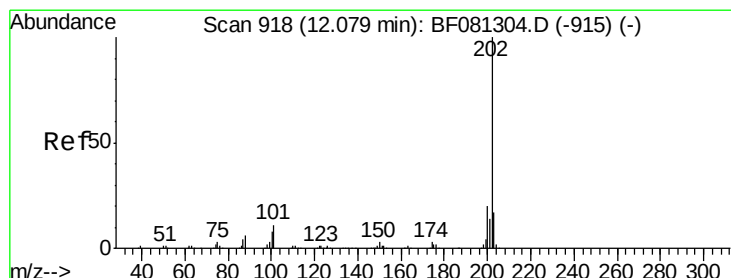
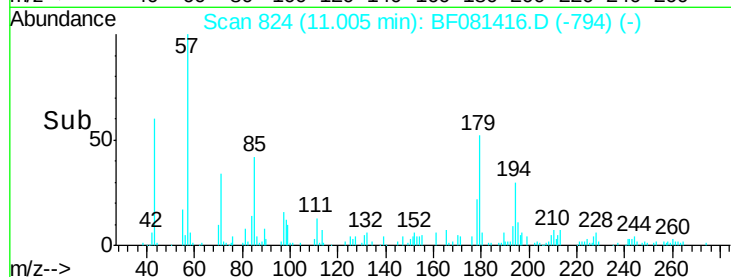
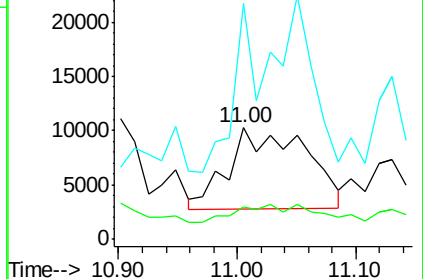
179 211.9 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.20 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.22 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

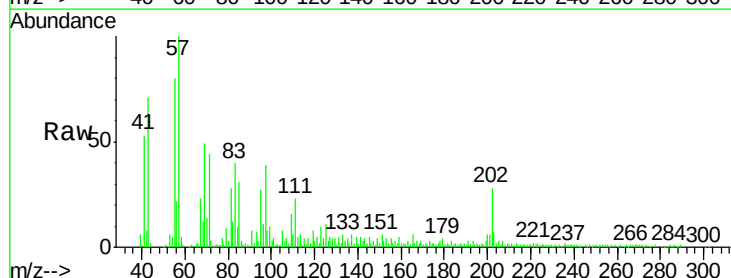
Tgt Ion:202 Resp: 26282

Ion Ratio Lower Upper

202 100

101 14.4 0.0 38.3

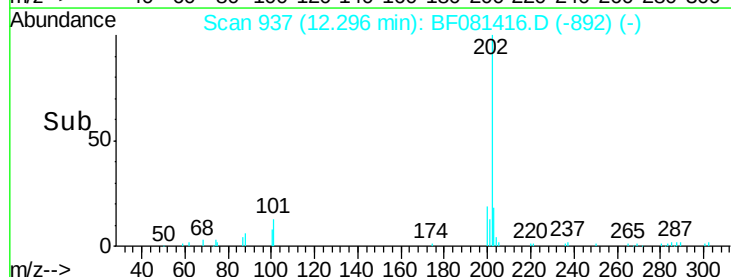
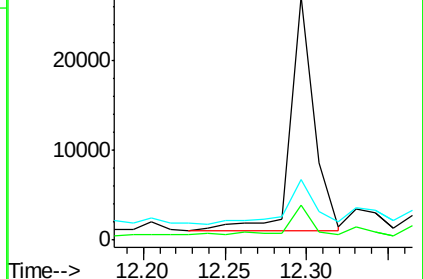
203 24.8 0.0 37.3

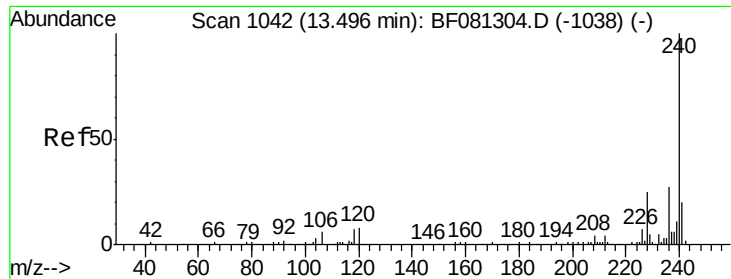


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

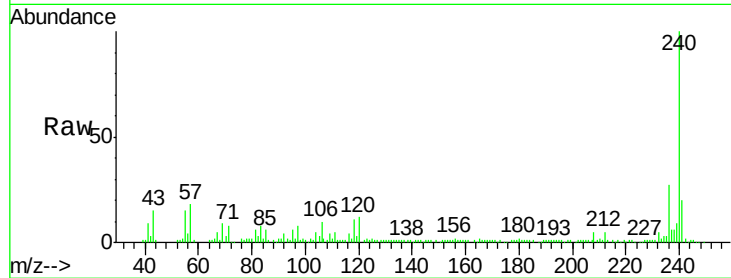
Tot Ion:240 Resp: 99436

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

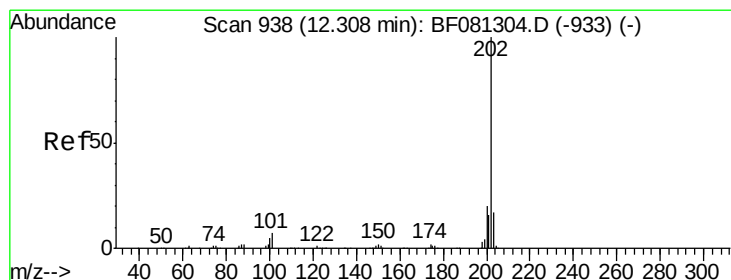
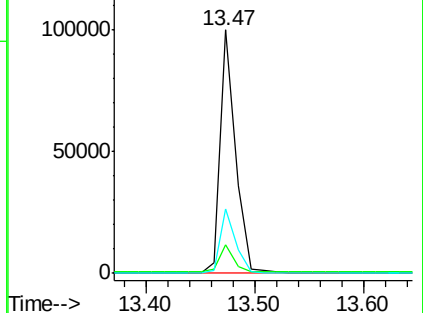
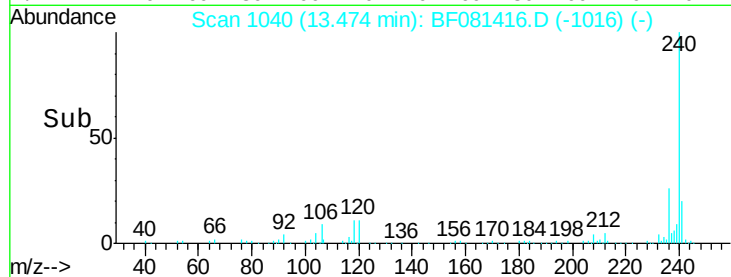
236 26.6 18.4 27.6



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



#77

Pyrene

Concen: 4.02 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

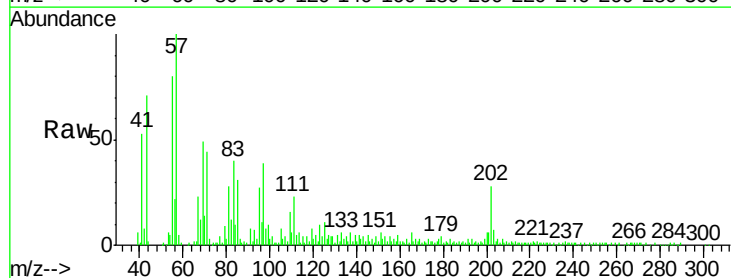
Tgt Ion:202 Resp: 29583

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

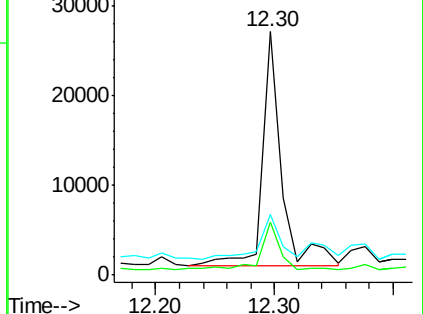
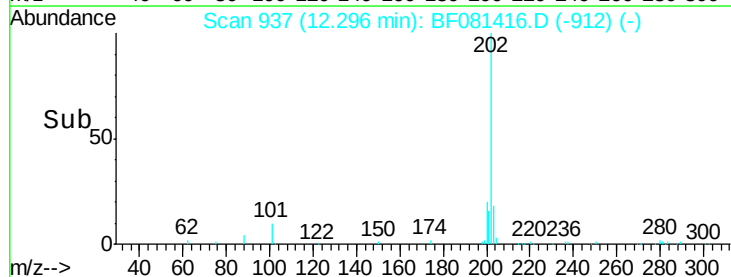
203 24.8 14.1 21.1#

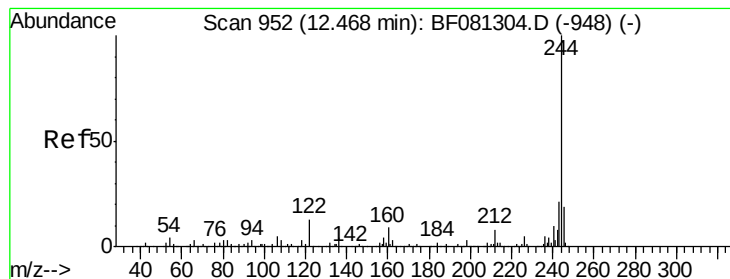


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 128.82 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

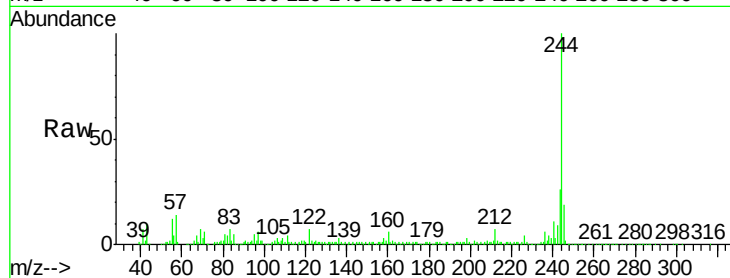
Tot Ion:244 Resp: 550254

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

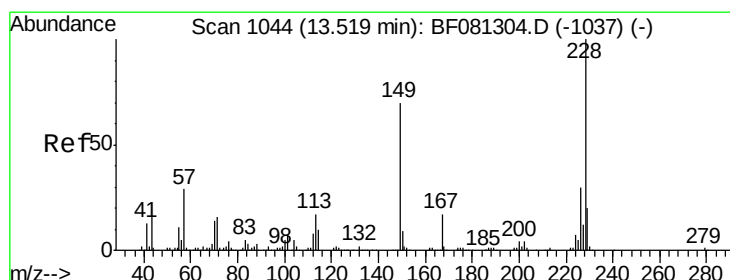
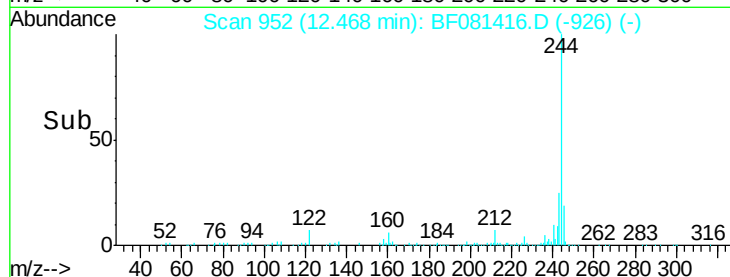
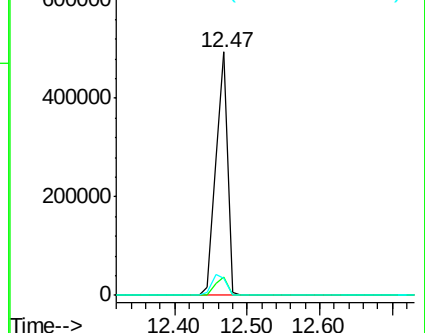
122 7.1 17.4 26.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.04 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

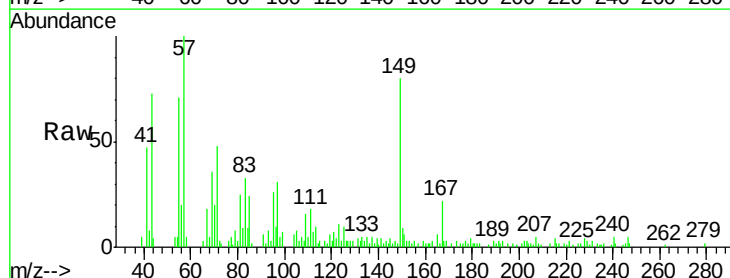
Tgt Ion:149 Resp: 21315

Ion Ratio Lower Upper

149 100

167 27.4 24.2 36.2

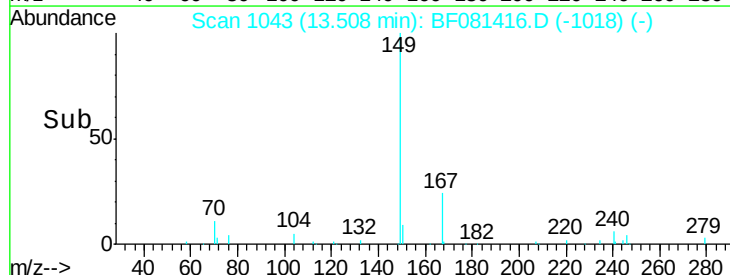
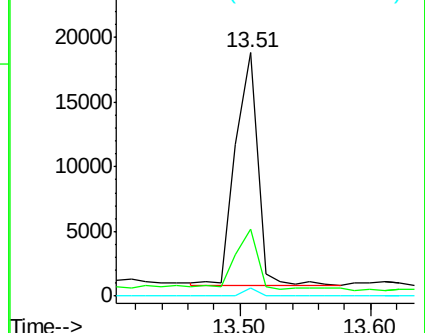
279 3.1 3.8 5.6#

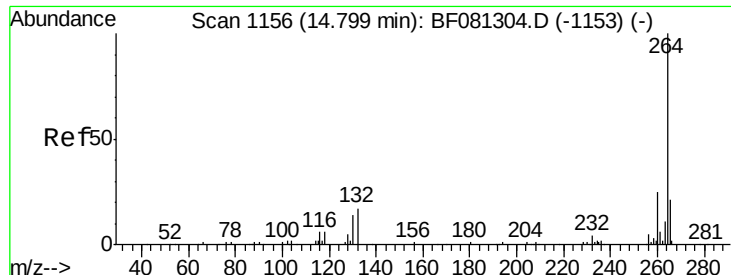


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

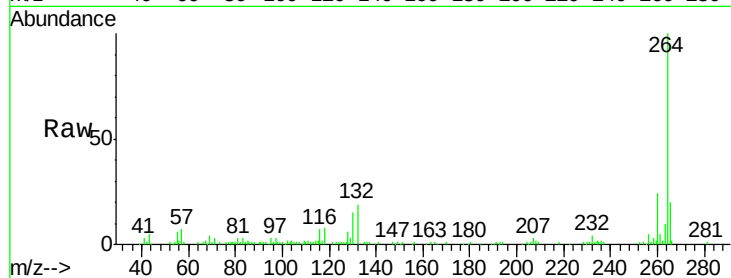




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 90970
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 20.4 17.2 25.8



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

