

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096271.D
 Acq On : 29 Jun 2017 2:18
 Operator : SJ/MA
 Sample : I3898-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 05:40:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131884	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	442789	20.00	ng	0.01
38) Acenaphthene-d10	9.83	164	112458	20.00	ng	0.02
63) Phenanthrene-d10	11.31	188	248517	20.00	ng	0.02
75) Chrysene-d12	13.94	240	176974	20.00	ng	0.03
86) Perylene-d12	15.39	264	166563	20.00	ng	0.05

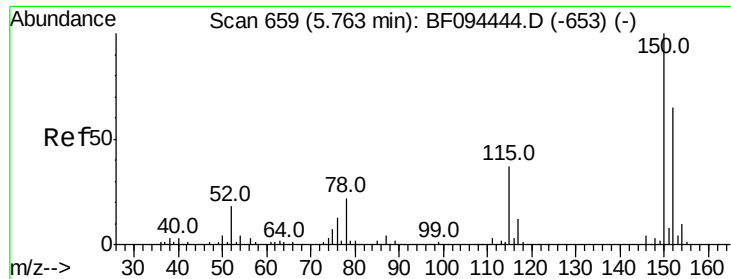
System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	166701	18.21	ng	0.00
7) Phenol-d6	6.40	99	138944	12.53	ng	0.01
23) Nitrobenzene-d5	7.34	82	147455	23.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	39335	44.44	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	219135	35.69	ng	0.00
78) Terphenyl-d14	12.90	244	130420	18.39	ng	0.03

Target Compounds

						Qvalue
9) Benzaldehyde	6.33	77	110892	13.21	ng	91
10) Phenol	6.42	94	129163	10.60	ng	87
15) Benzyl Alcohol	6.92	79	52346	7.00	ng	89
18) Hexachloroethane	7.33	117	53435	14.91	ng	# 1
19) n-Nitroso-di-n-propylamine	7.18	70	17370	2.62	ng	# 75
20) 3+4-Methylphenols	7.19	107	28839	3.25	ng	# 1
22) Acetophenone	7.19	105	336172	36.53	ng	# 71
26) 2-Nitrophenol	7.70	139	2322	6.67	ng	# 1
31) Naphthalene	8.09	128	520141	24.37	ng	99
32) Benzoic acid	8.05	122	4427994	787.63	ng	95
35) Caprolactam	8.46	113	5880	3.04	ng	# 1
37) 2-Methylnaphthalene	8.78	142	250385	18.06	ng	98
45) 1,1'-Biphenyl	9.25	154	43122	5.00	ng	89
47) 2-Nitroaniline	9.36	65	10984	4.86	ng	# 28
49) Dimethylphthalate	9.55	163	22680	2.82	ng	# 6
51) Acenaphthene	9.92	154	24888	3.56	ng	85
53) 2,4-Dinitrophenol	9.87	184	259	8.02	ng	# 1
55) 4-Nitrophenol	9.96	139	8132	4.69	ng	# 33
56) 2,4-Dinitrotoluene	10.03	165	5957	2.82	ng	# 57
57) Fluorene	10.37	166	15431	Below Cal	#	45
60) 4-Chlorophenyl-phenylether	10.39	204	2460	Below Cal	#	1
62) Azobenzene	10.53	77	36280	4.45	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.32	198	12137	16.36	ng	90
65) n-Nitrosodiphenylamine	10.66	169	21796	2.44	ng	92
70) Phenanthrene	11.33	178	21035	Below Cal	#	14
83) Bis(2-ethylhexyl)phthalate	13.94	149	213025	29.41	ng	# 94
84) Di-n-octyl phthalate	14.56	149	468259	31.39	ng	# 28

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

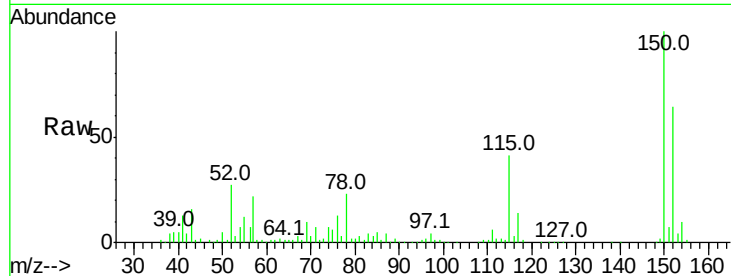


#1

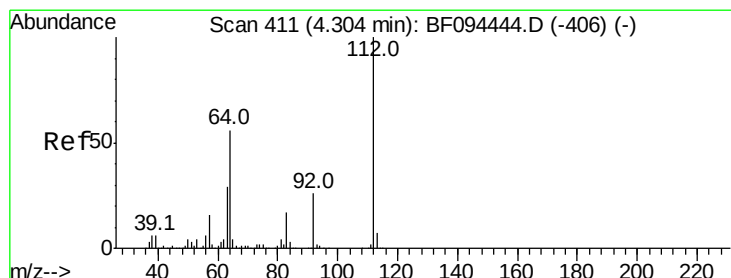
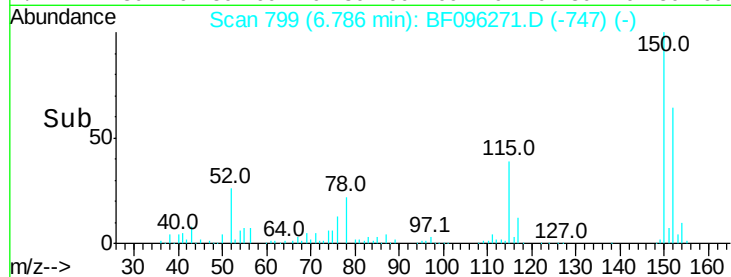
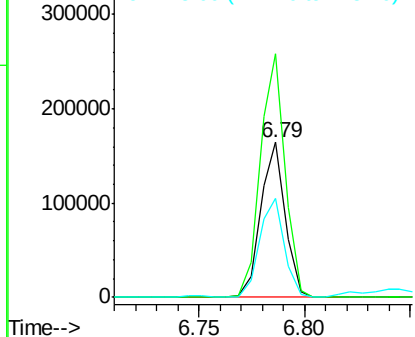
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131884
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 63.9 52.2 78.2



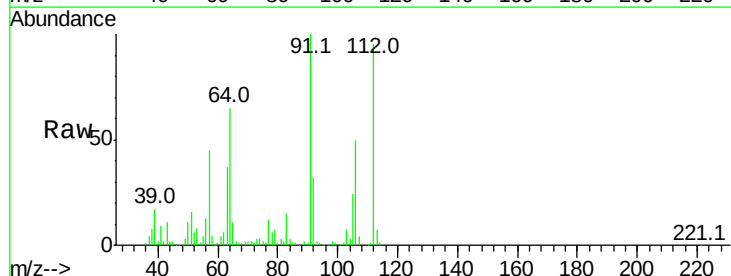
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



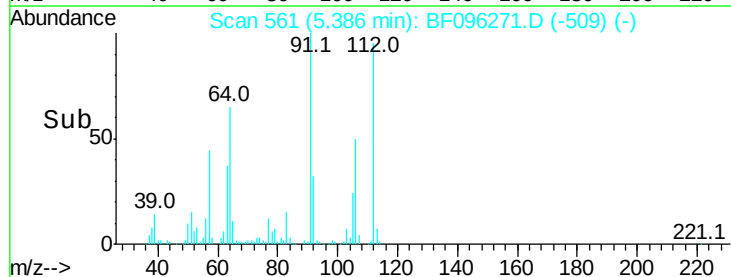
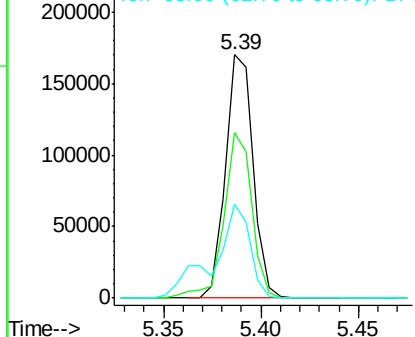
#5

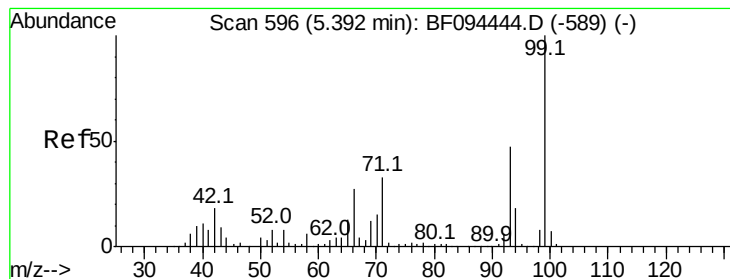
2-Fluorophenol
Concen: 18.21 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion:112 Resp: 166701
Ion Ratio Lower Upper
112 100
64 67.9 46.0 69.0
63 38.3 23.4 35.0#



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: 12.53 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampled :

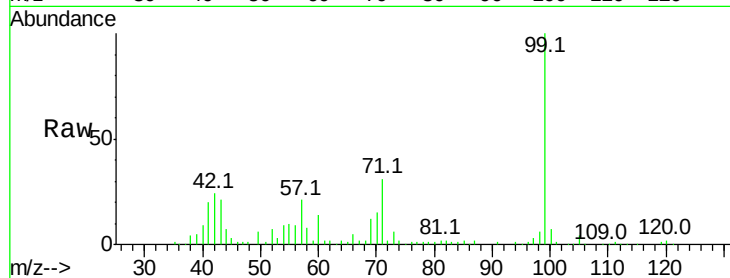
Tot Ion: 99 Resp: 138944

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

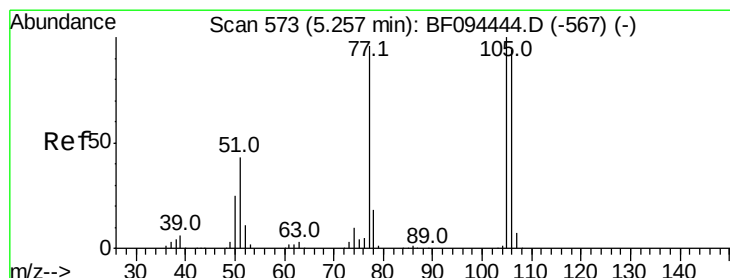
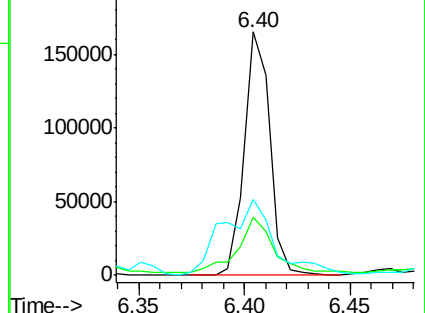
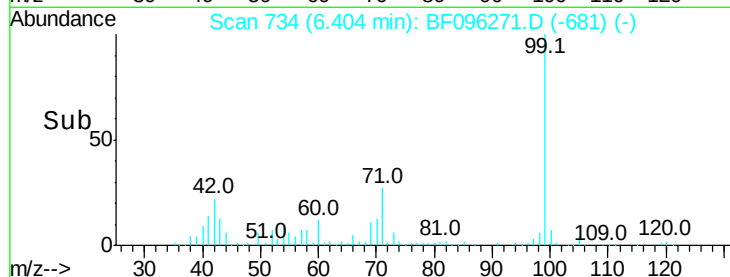
71 31.0 24.5 36.7



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



#9

Benzaldehyde

Concen: 13.21 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

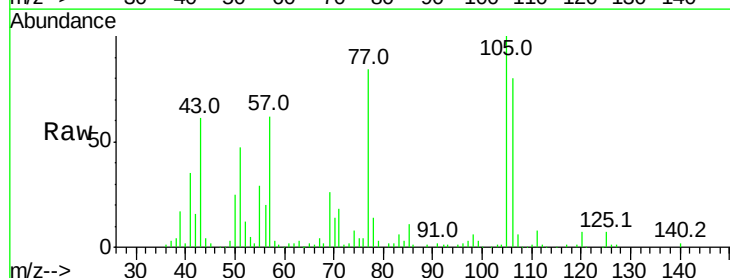
Tgt Ion: 77 Resp: 110892

Ion Ratio Lower Upper

77 100

105 118.4 83.8 123.8

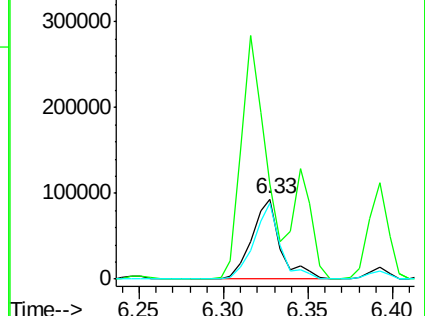
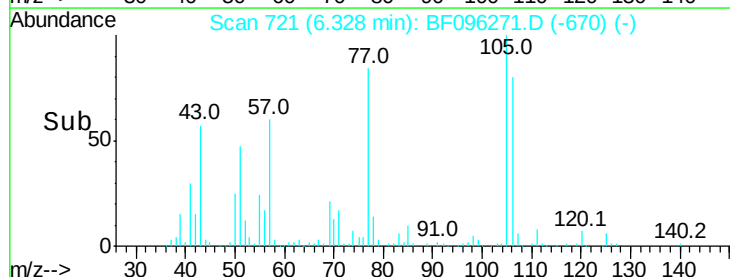
106 94.8 79.1 119.1

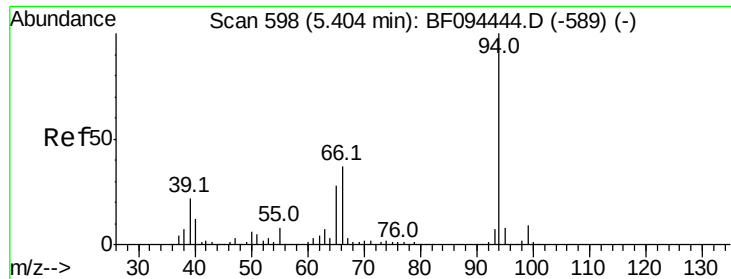


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 10.60 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

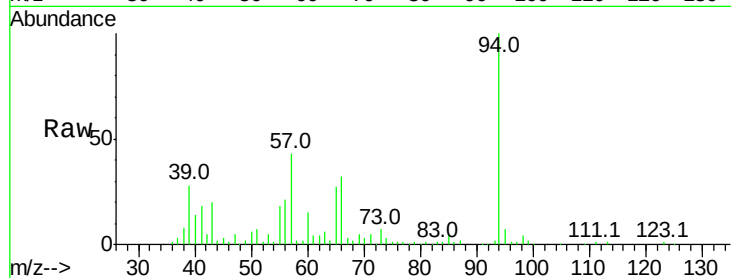
Tot Ion: 94 Resp: 129163

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

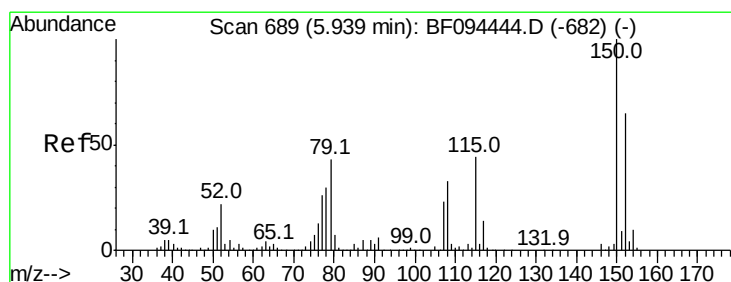
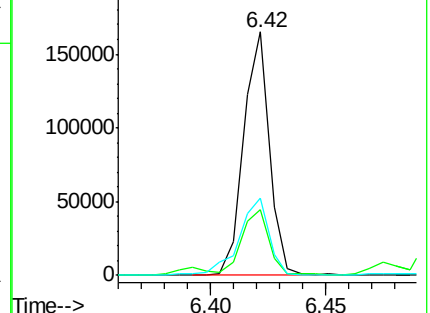
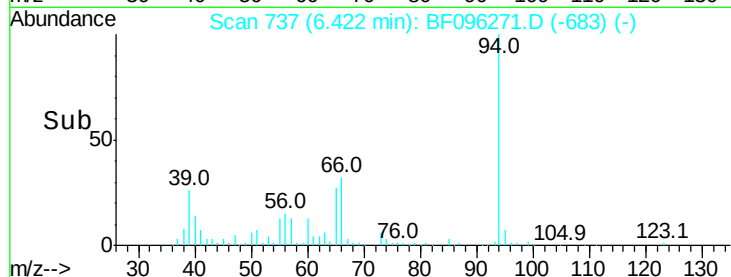
66 31.9 23.1 63.1



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: 7.00 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

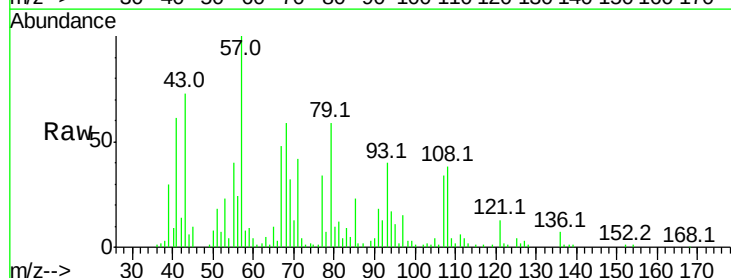
Tgt Ion: 79 Resp: 52346

Ion Ratio Lower Upper

79 100

108 65.3 63.4 95.0

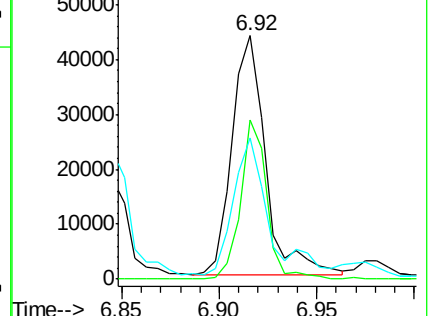
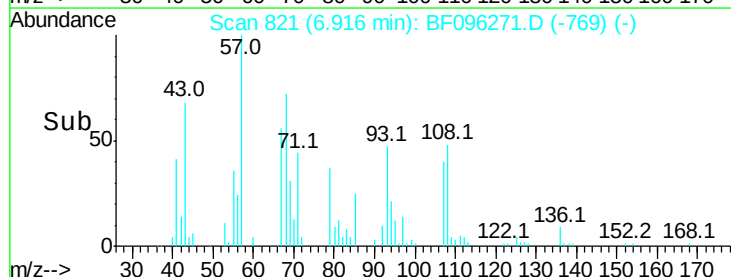
77 58.1 49.2 73.8

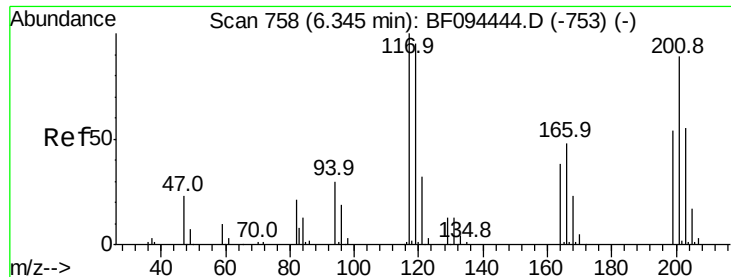


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

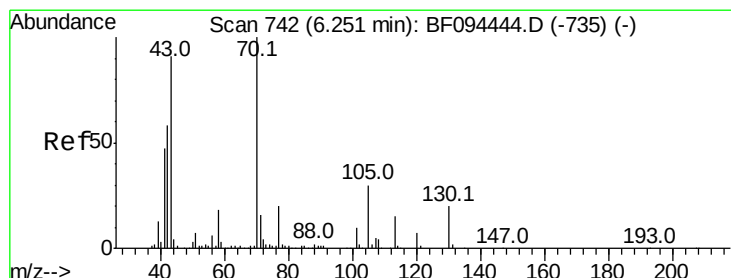
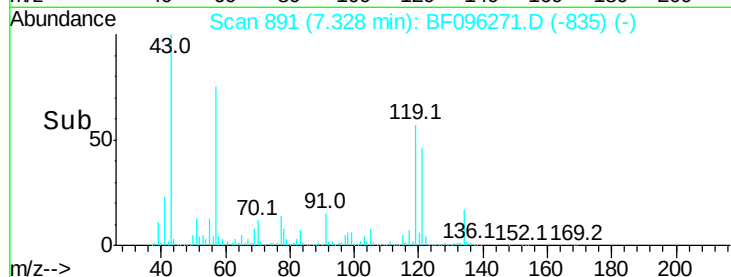
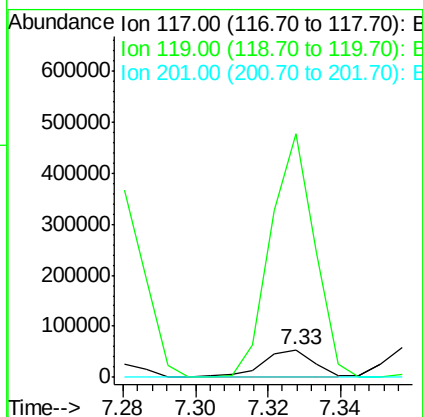
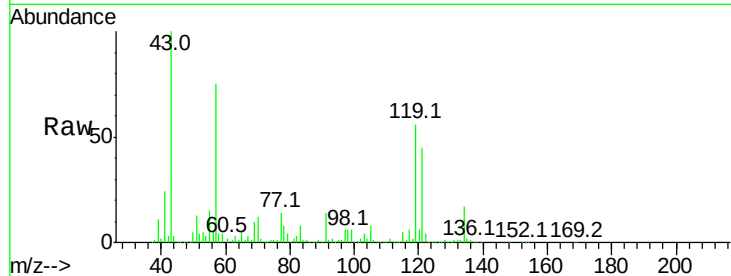




#18
Hexachloroethane
Concen: 14.91 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.03 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

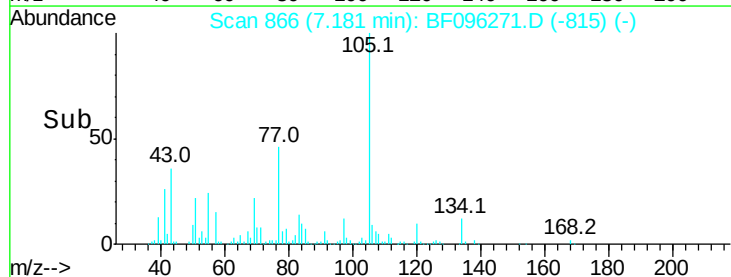
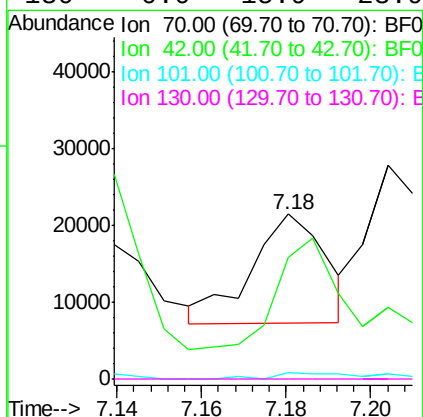
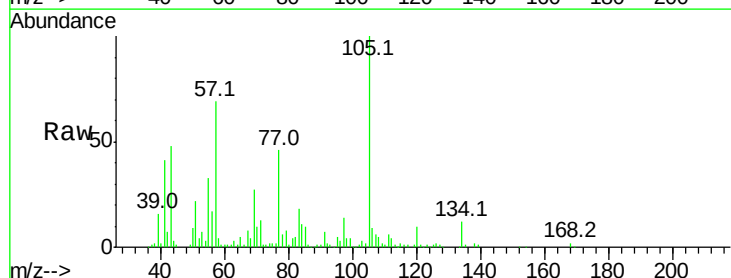
Instrument :
BNA_F
ClientSampleId :

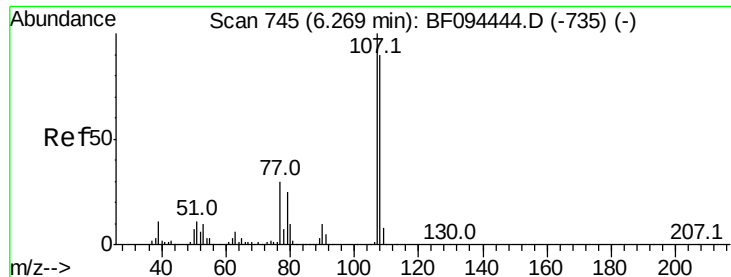
Tot Ion:117 Resp: 53435
Ion Ratio Lower Upper
117 100
119 879.4 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 2.62 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion: 70 Resp: 17370
Ion Ratio Lower Upper
70 100
42 74.3 47.2 70.8#
101 3.6 7.2 10.8#
130 0.0 15.9 23.9#

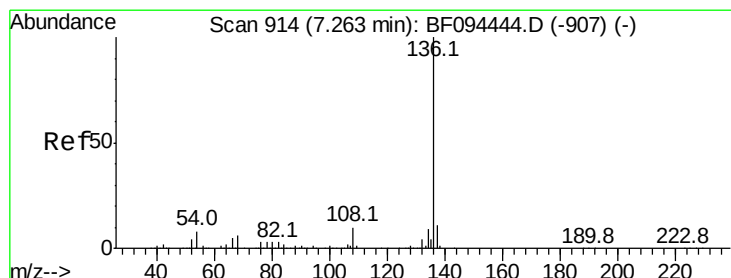
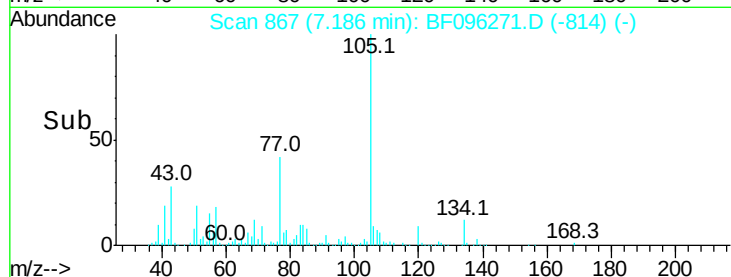
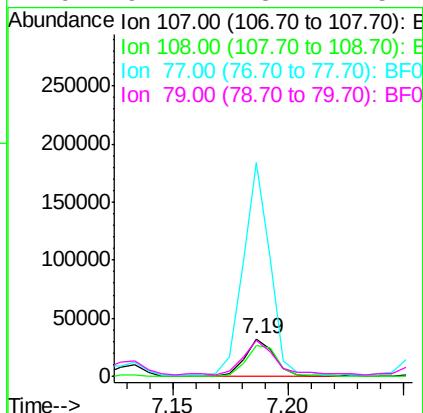
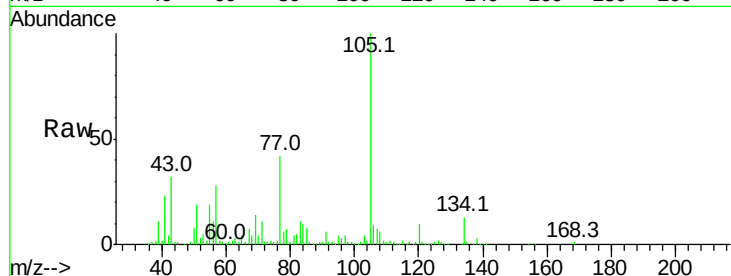




#20
3+4-Methylphenols
Concen: 3.25 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

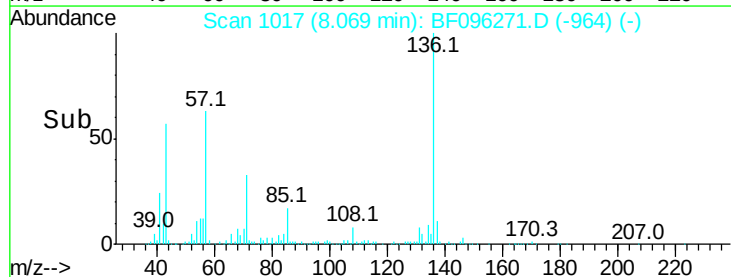
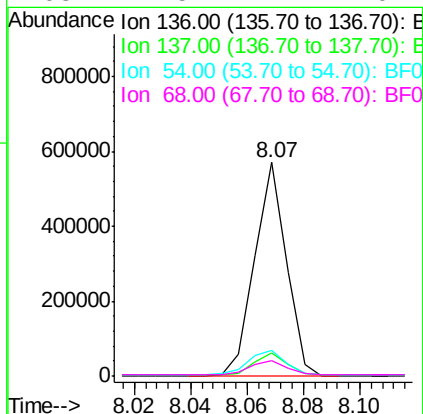
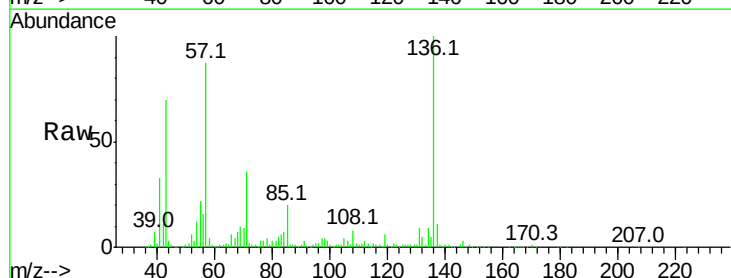
Instrument :
BNA_F
ClientSampleId :

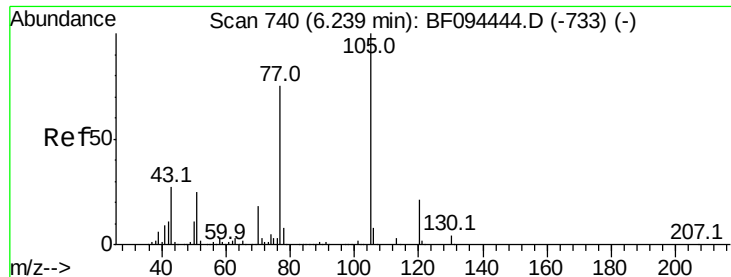
Tot Ion:107 Resp: 28839
Ion Ratio Lower Upper
107 100
108 82.3 71.0 111.0
77 574.9 90.5 130.5#
79 97.2 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion:136 Resp: 442789
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.7 4.9 7.3#
68 7.5 4.1 6.1#

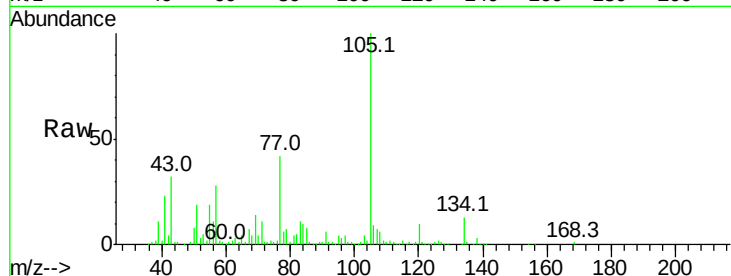




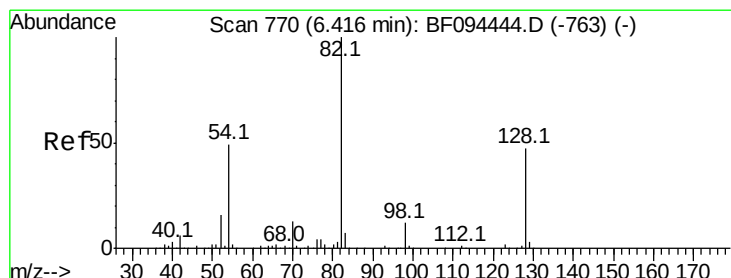
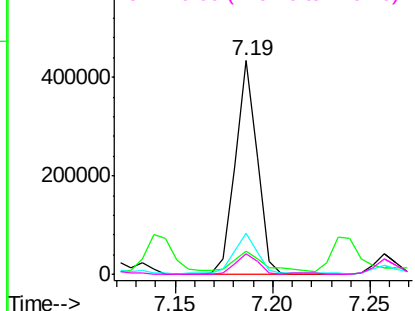
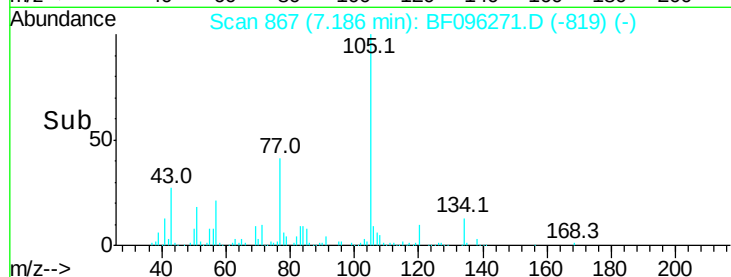
#22
Acetophenone
Concen: 36.53 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 336172
Ion Ratio Lower Upper
105 100
71 10.9 2.8 4.2#
51 19.2 30.7 46.1#
120 9.6 17.4 26.0#

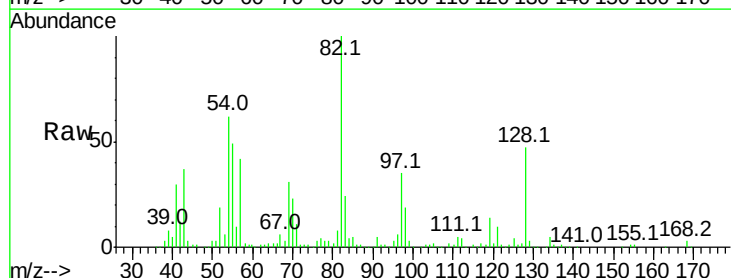


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

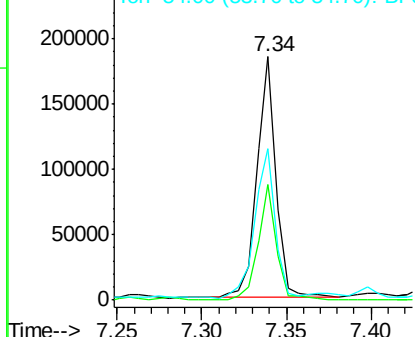
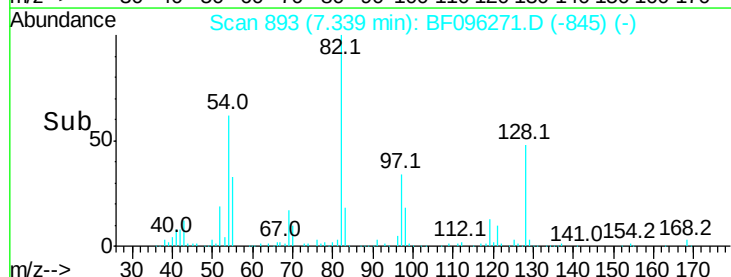


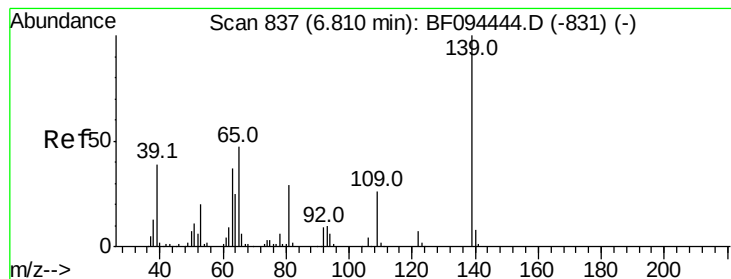
#23
Nitrobenzene-d5
Concen: 23.05 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion: 82 Resp: 147455
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 62.3 42.2 63.2



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





#26

2-Nitrophenol

Concen: 6.67 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

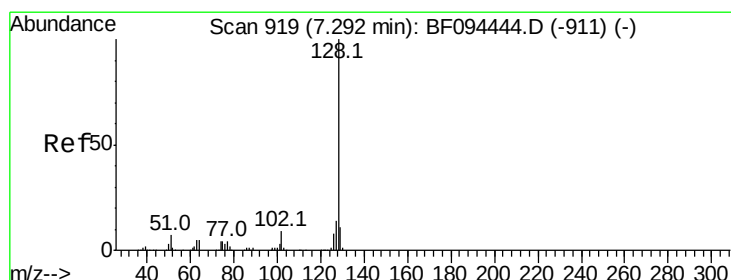
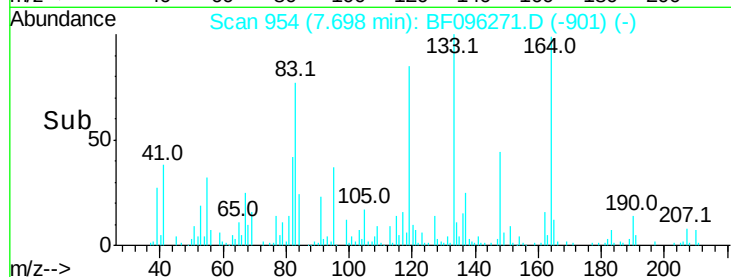
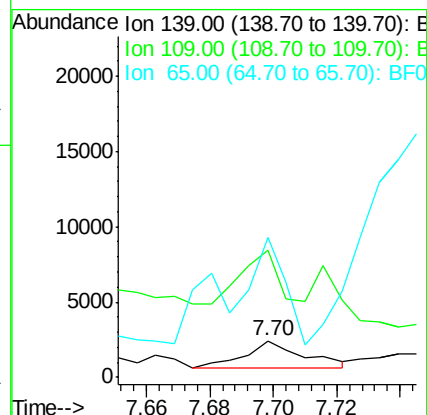
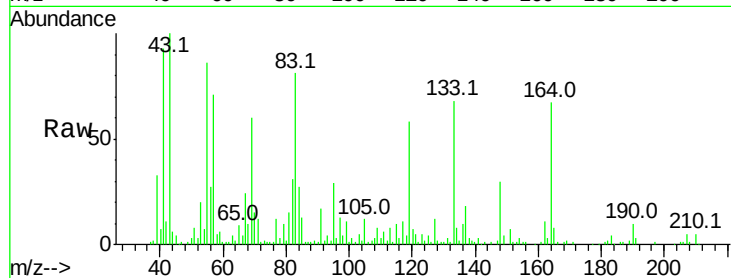
Tot Ion:139 Resp: 2322

Ion Ratio Lower Upper

139 100

109 350.2 21.0 31.6#

65 385.3 33.0 49.6#



#31

Naphthalene

Concen: 24.37 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

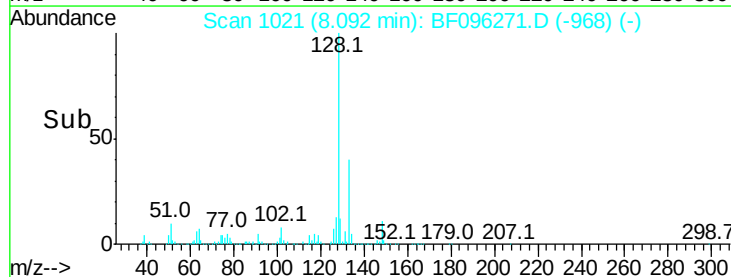
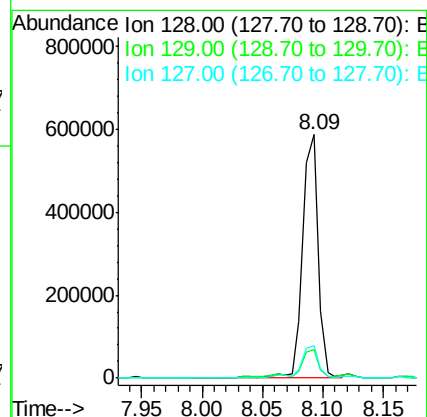
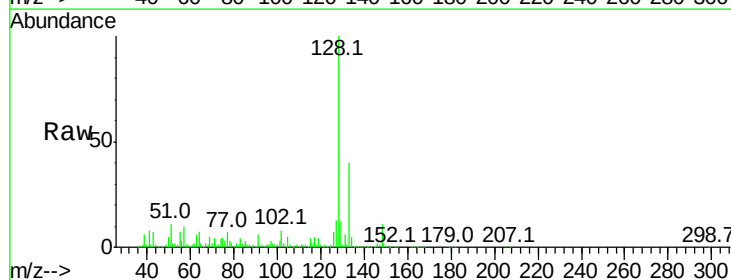
Tgt Ion:128 Resp: 520141

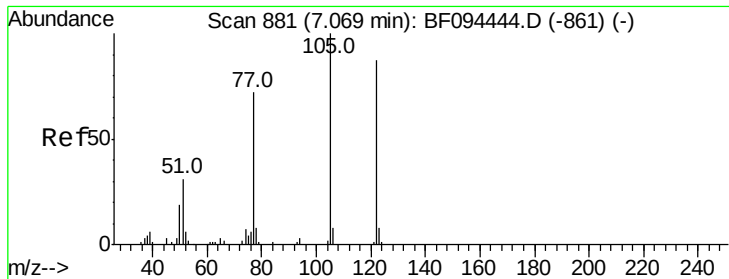
Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

127 13.1 10.8 16.2





#32

Benzoic acid

Concen: 787.63 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.17 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

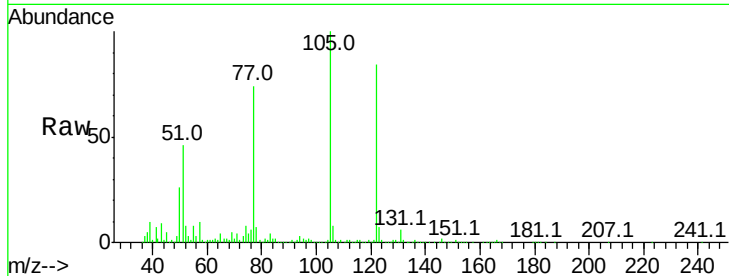
Tot Ion:122 Resp: 4427994

Ion Ratio Lower Upper

122 100

105 118.9 103.3 143.3

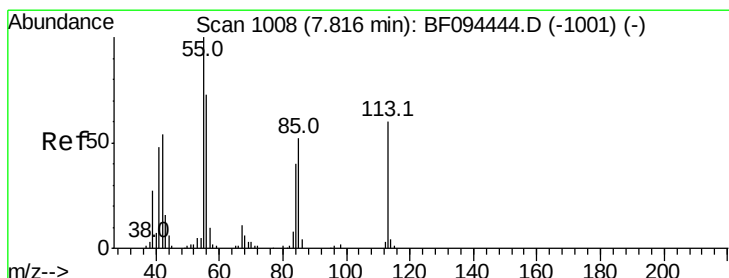
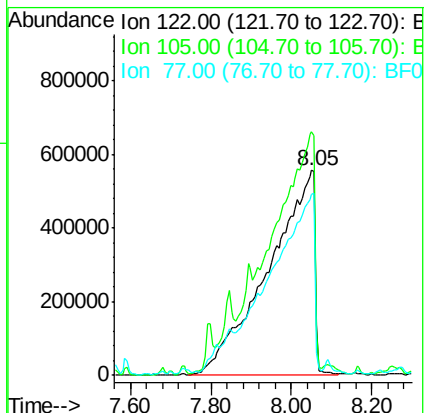
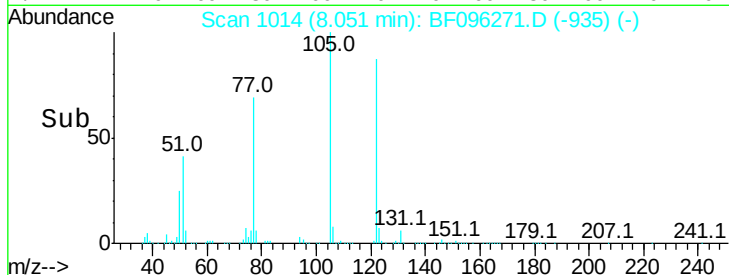
77 88.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 3.04 ng

RT: 8.46 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

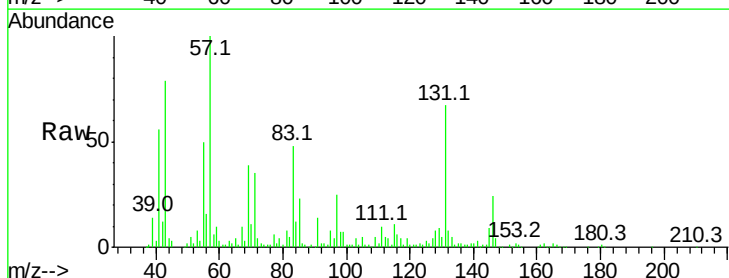
Tgt Ion:113 Resp: 5880

Ion Ratio Lower Upper

113 100

55 1405.6 150.2 190.2#

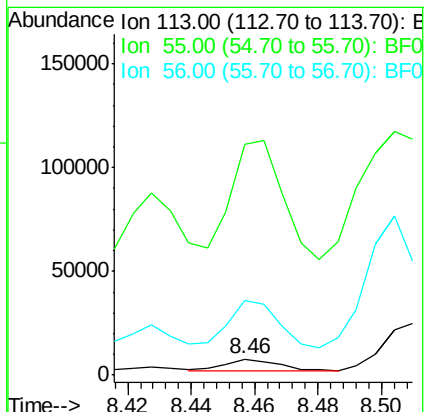
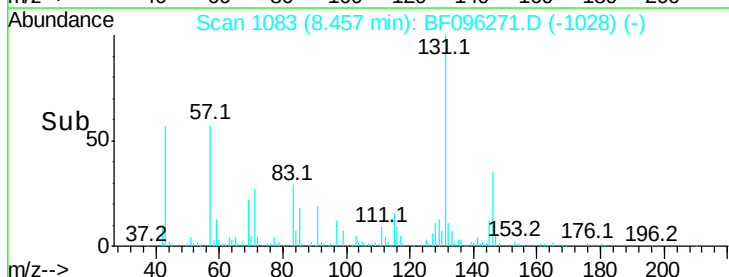
56 452.6 107.8 147.8#

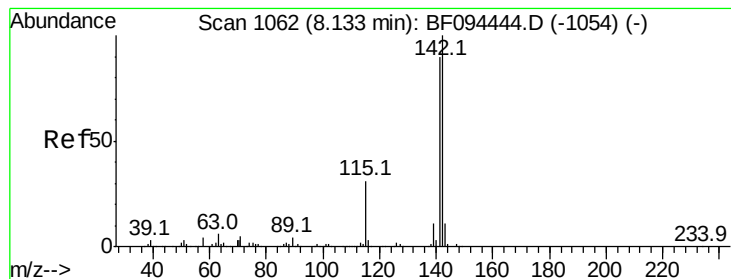


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 18.06 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

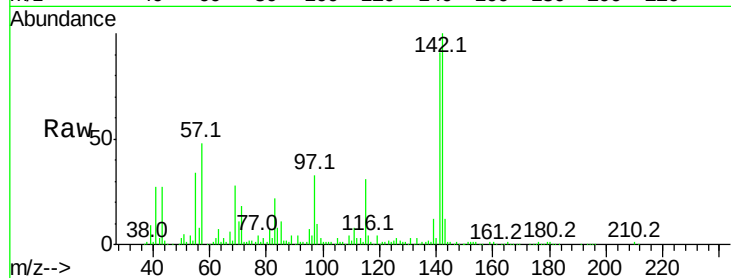
Tot Ion:142 Resp: 250385

Ion Ratio Lower Upper

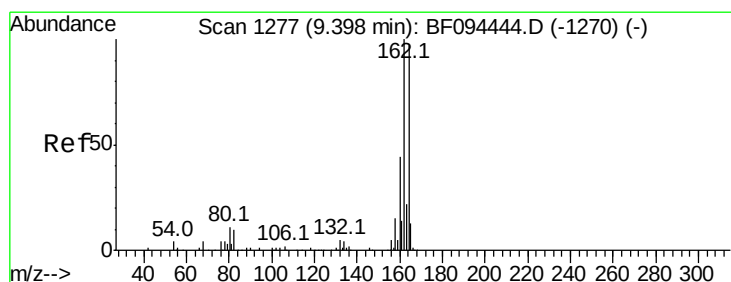
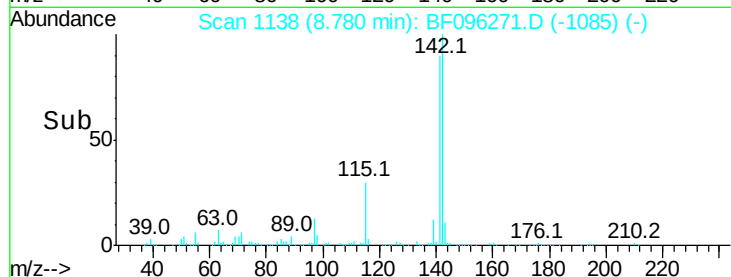
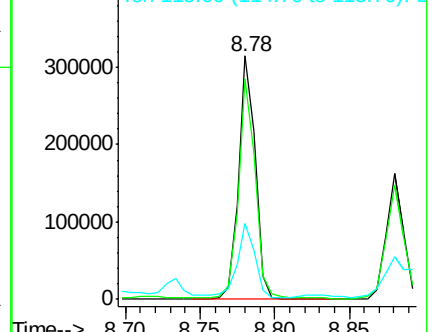
142 100

141 90.5 71.3 106.9

115 31.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

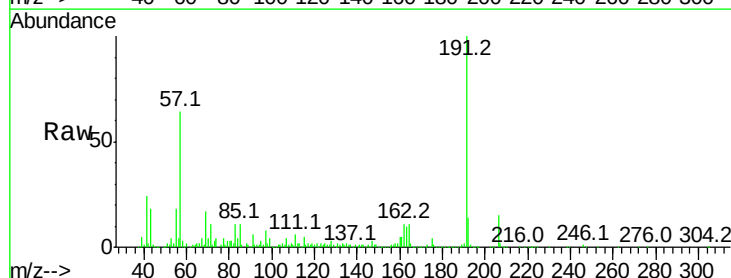
Tgt Ion:164 Resp: 112458

Ion Ratio Lower Upper

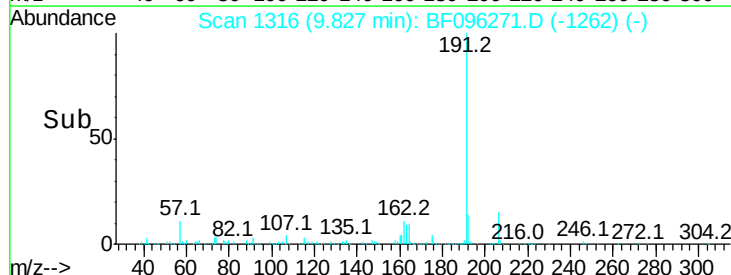
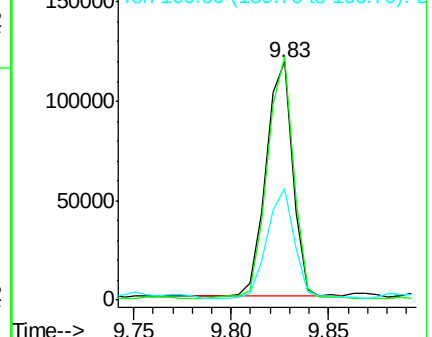
164 100

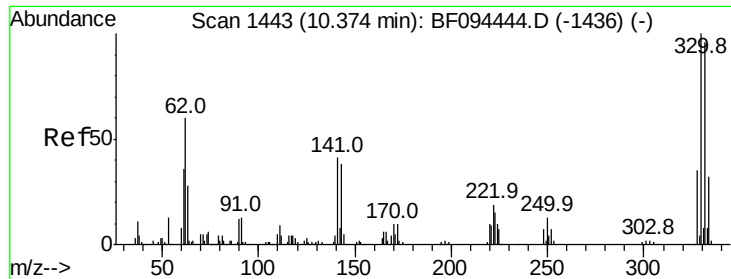
162 102.3 82.6 123.8

160 47.0 36.2 54.2



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

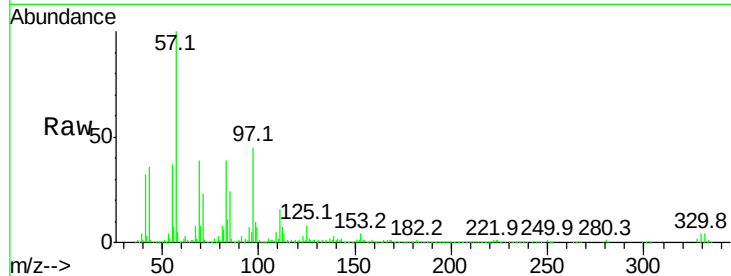




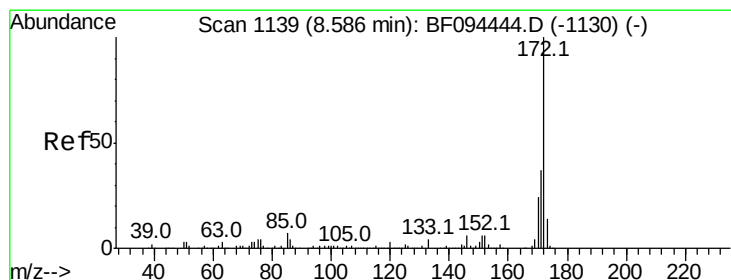
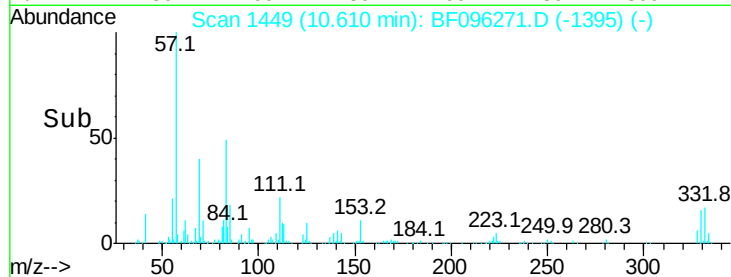
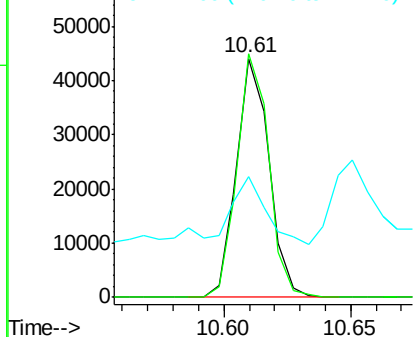
#41
 2,4,6-Tribromophenol
 Concen: 44.44 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.02 min
 Lab File: BF096271.D
 Acq: 29 Jun 2017 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 39335
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 29.1 31.4 47.2#

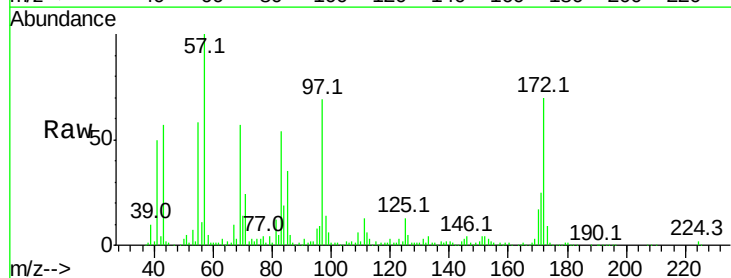


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

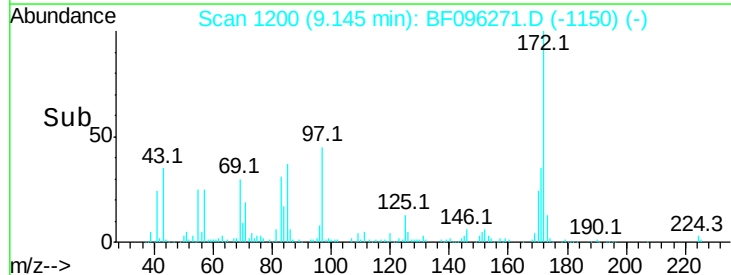
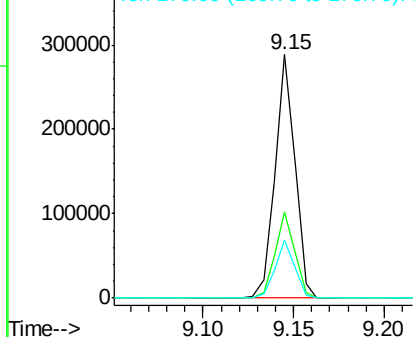


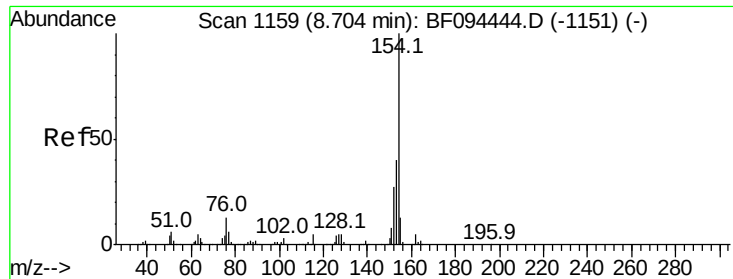
#44
 2-Fluorobiphenyl
 Concen: 35.69 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF096271.D
 Acq: 29 Jun 2017 2:18

Tgt Ion:172 Resp: 219135
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.8 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 5.00 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampled :

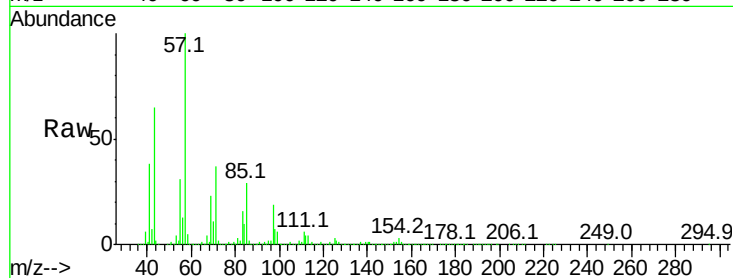
Tot Ion:154 Resp: 43122

Ion Ratio Lower Upper

154 100

153 33.1 21.2 61.2

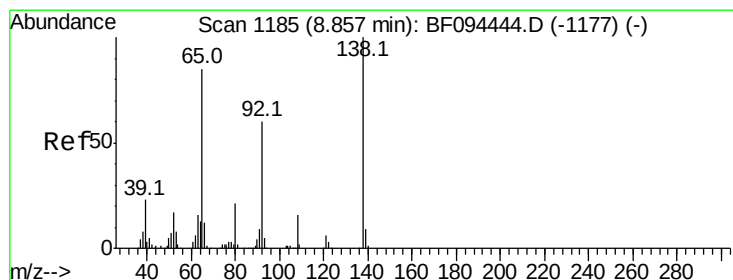
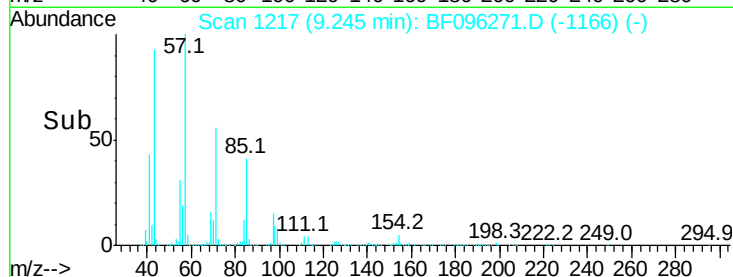
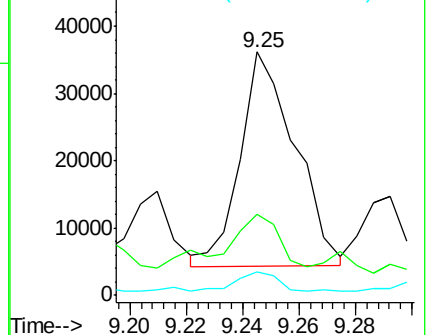
76 9.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 4.86 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

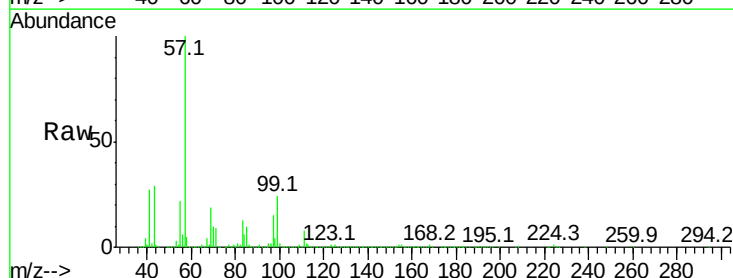
Tgt Ion: 65 Resp: 10984

Ion Ratio Lower Upper

65 100

92 19.0 53.9 80.9#

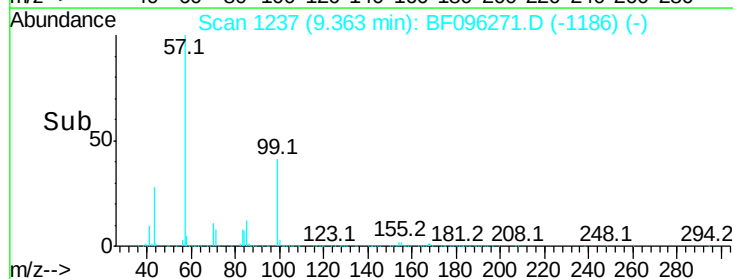
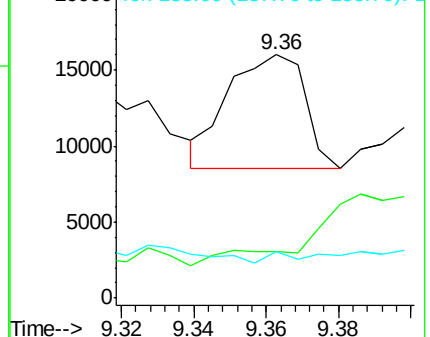
138 18.9 78.8 118.2#

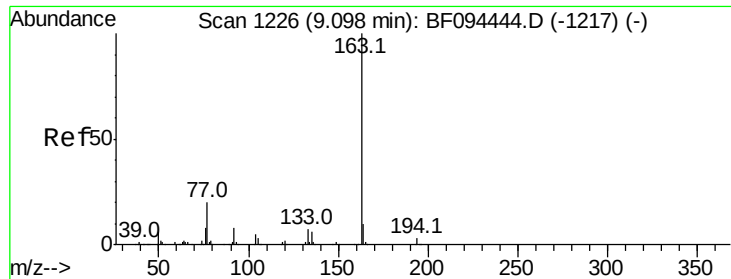


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

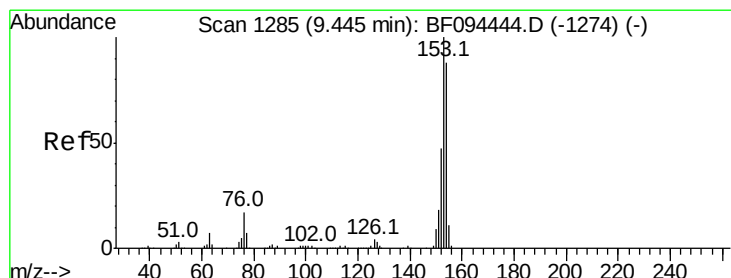
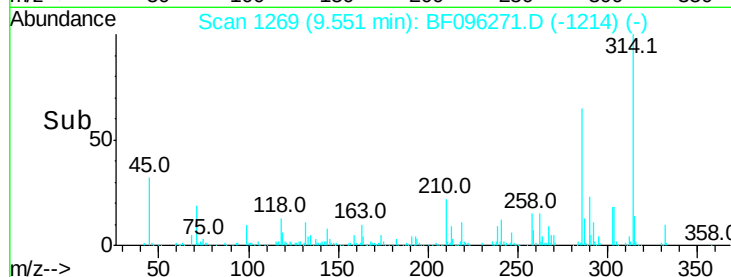
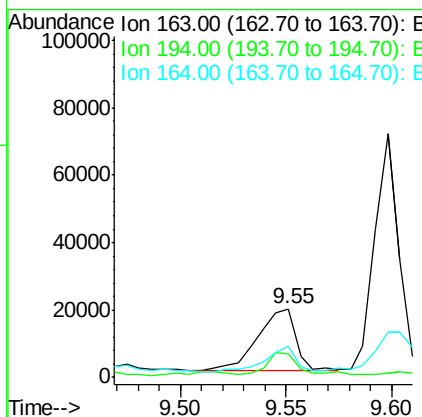
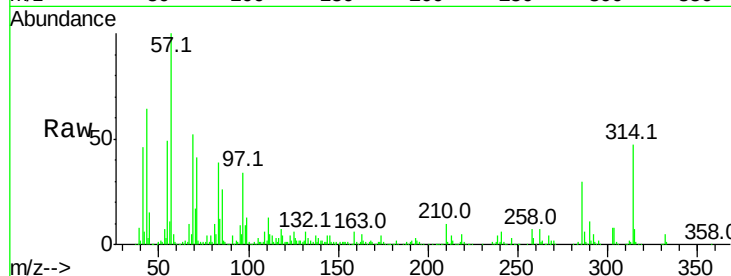




#49
Dimethylphthalate
Concen: 2.82 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

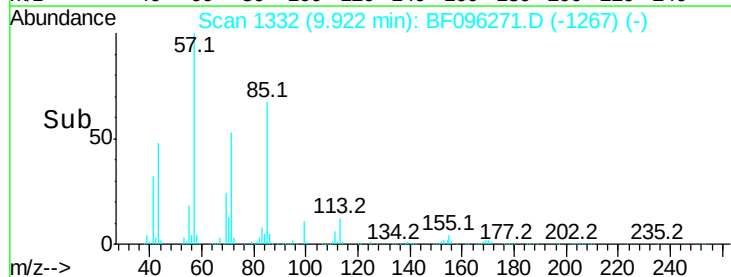
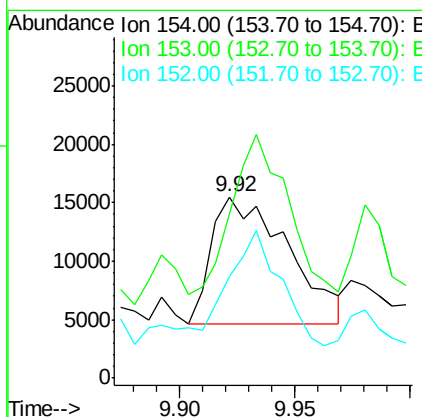
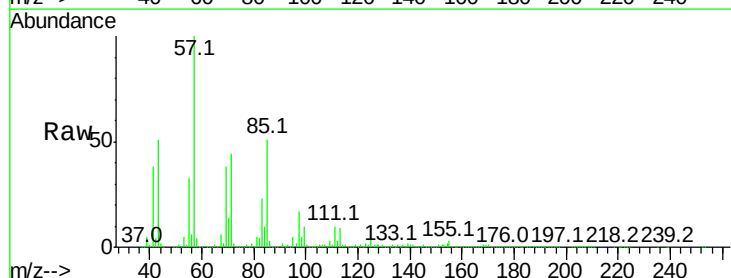
Instrument :
BNA_F
ClientSampleId :

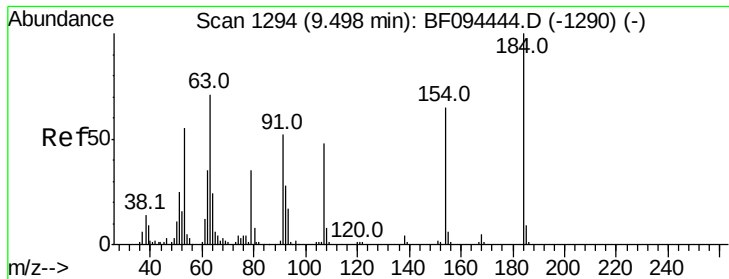
Tot Ion:163 Resp: 22680
Ion Ratio Lower Upper
163 100
194 33.6 2.6 4.0#
164 45.9 8.4 12.6#



#51
Acenaphthene
Concen: 3.56 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.08 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion:154 Resp: 24888
Ion Ratio Lower Upper
154 100
153 90.8 90.5 135.7
152 55.9 43.6 65.4





#53

2,4-Dinitrophenol

Concen: 8.02 na

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampled :

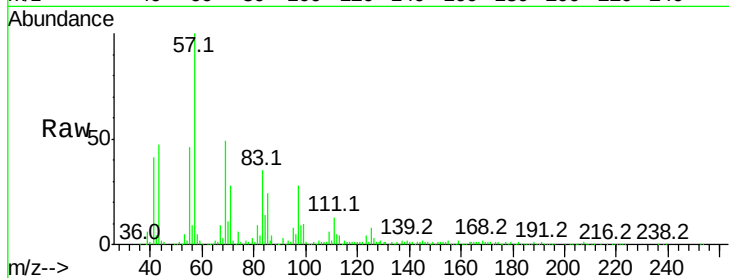
Tot Ion:184 Resp: 259

Ion Ratio Lower Upper

184 100

63 571.9 62.7 94.1#

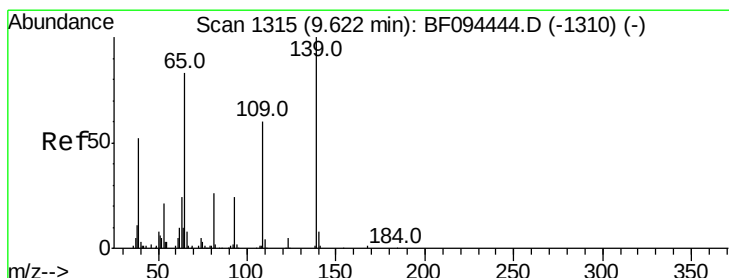
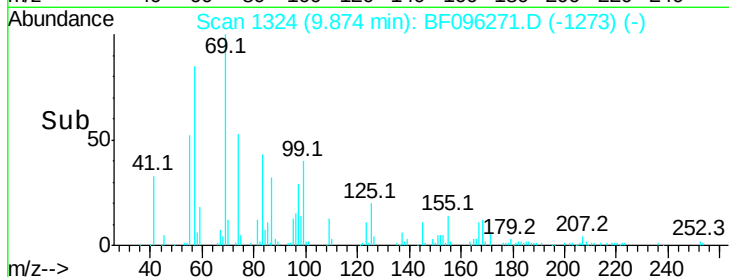
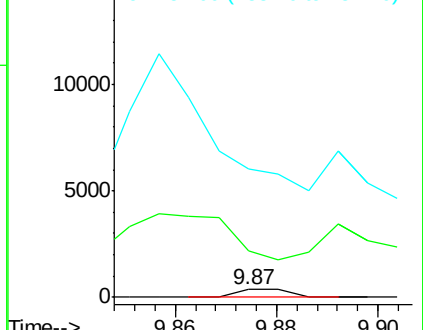
154 1597.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 4.69 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.03 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

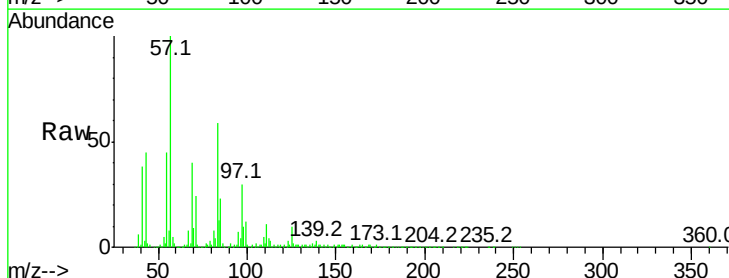
Tgt Ion:139 Resp: 8132

Ion Ratio Lower Upper

139 100

109 135.9 34.1 74.1#

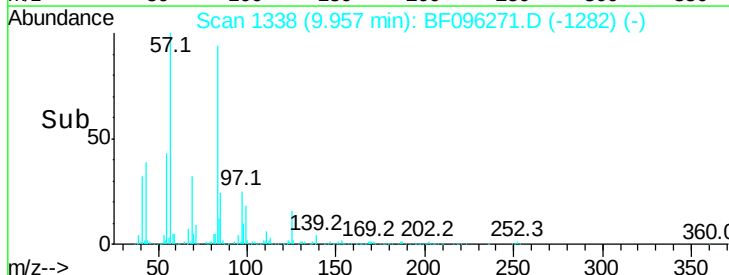
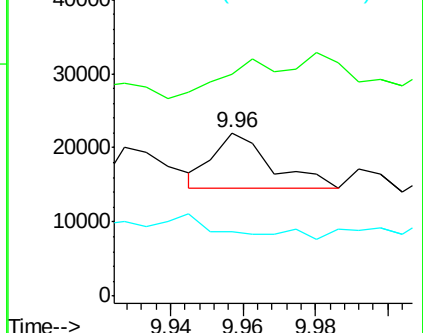
65 39.5 31.4 71.4

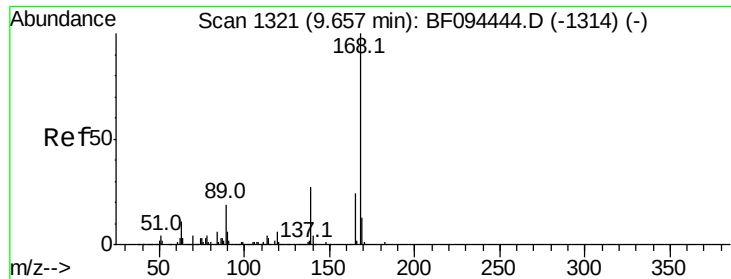


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

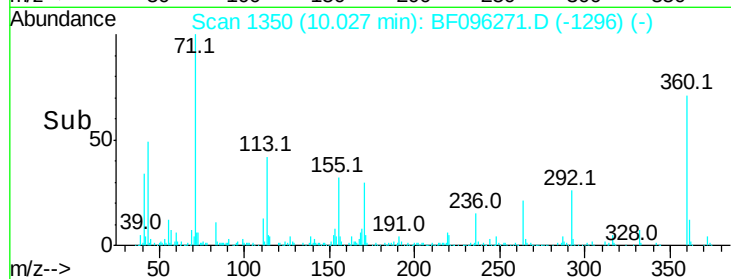
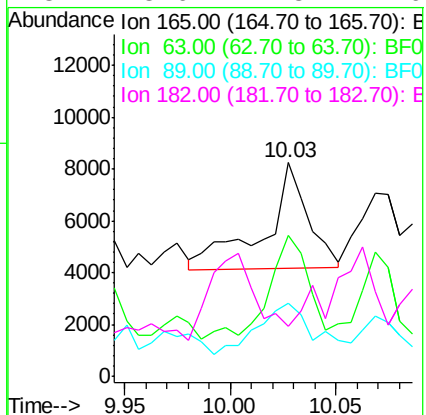
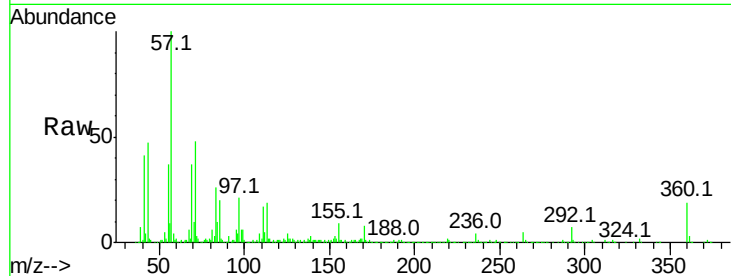




#56
2,4-Dinitrotoluene
Concen: 2.82 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

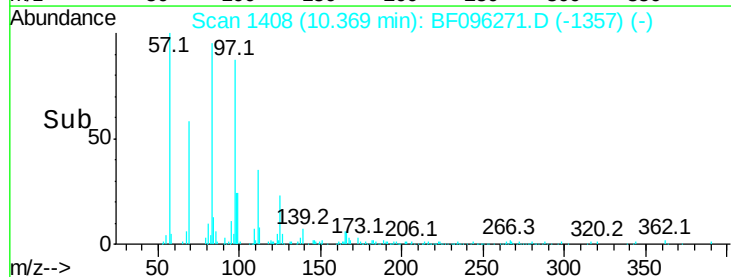
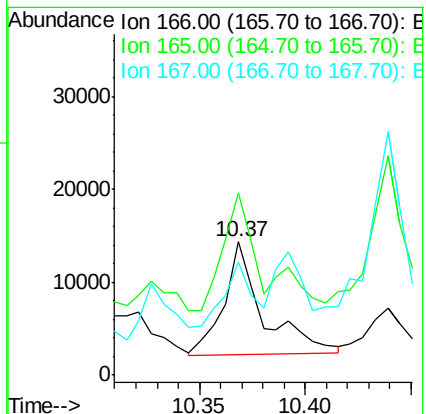
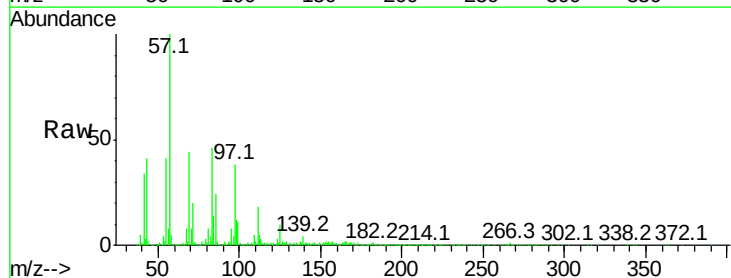
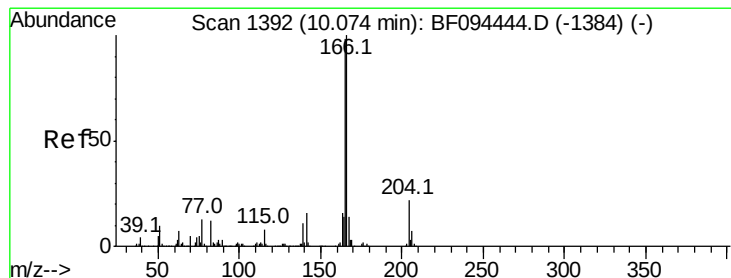
Instrument :
BNA_F
ClientSampleId :

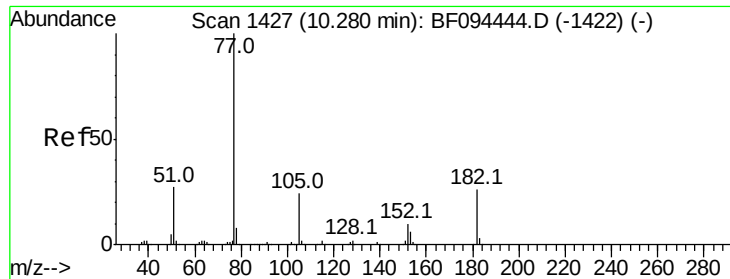
Tot Ion:165 Resp: 5957
Ion Ratio Lower Upper
165 100
63 65.9 25.4 38.0#
89 34.0 46.4 69.6#
182 23.6 1.8 2.6#



#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion:166 Resp: 15431
Ion Ratio Lower Upper
166 100
165 136.8 78.8 118.2#
167 84.5 10.6 16.0#





#62

Azobenzene

Concen: 4.45 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.03 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 36280

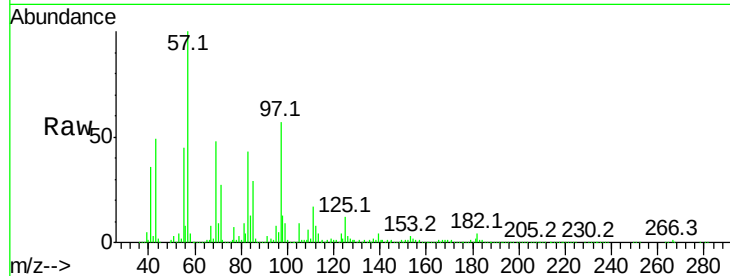
Ion Ratio Lower Upper

77 100

182 62.3 0.1 40.1#

105 134.6 3.6 43.6#

51 43.4 9.4 49.4

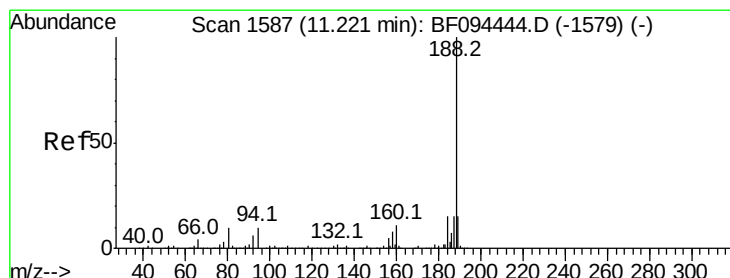
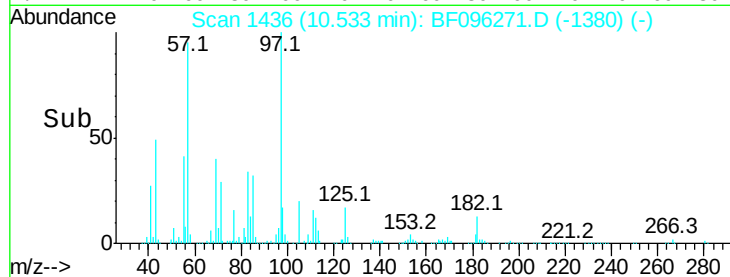
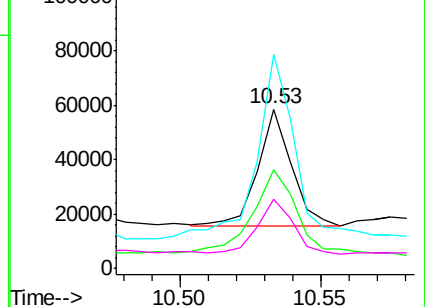


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.02 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

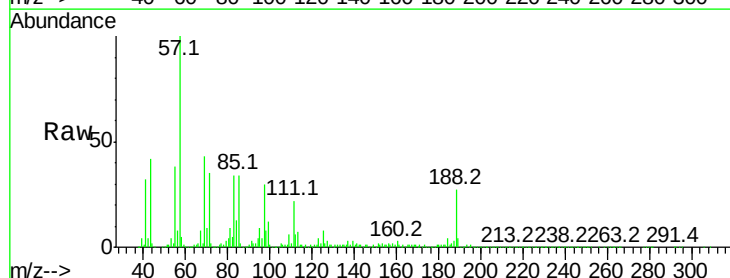
Tgt Ion: 188 Resp: 248517

Ion Ratio Lower Upper

188 100

94 16.1 9.4 14.2#

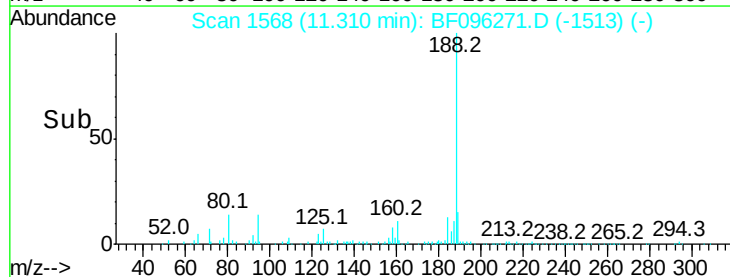
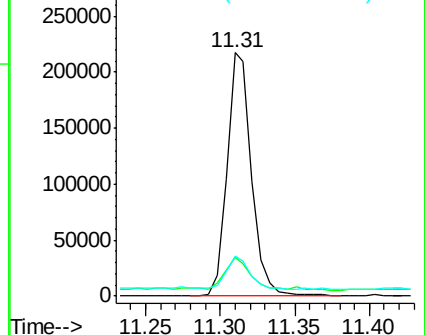
80 16.3 10.2 15.2#

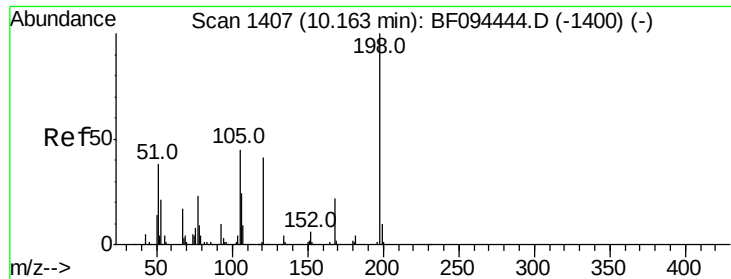


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

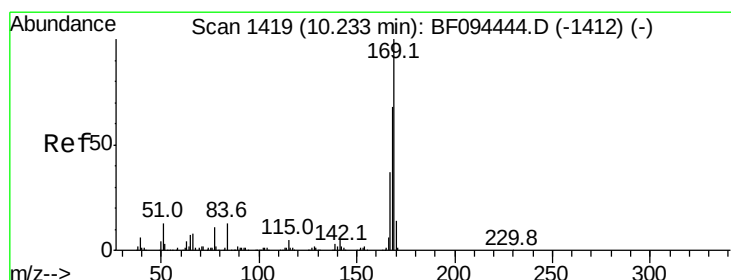
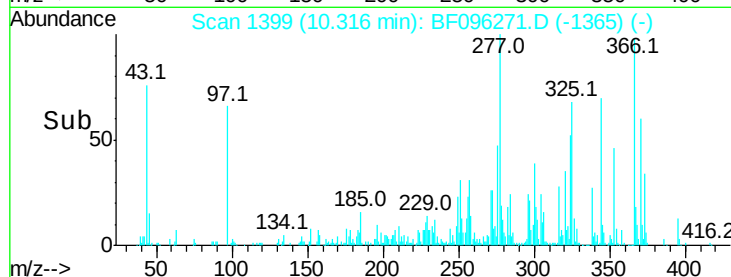
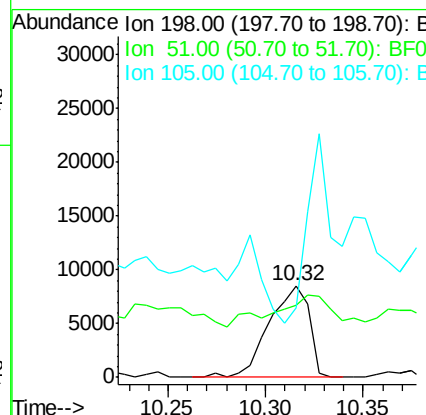
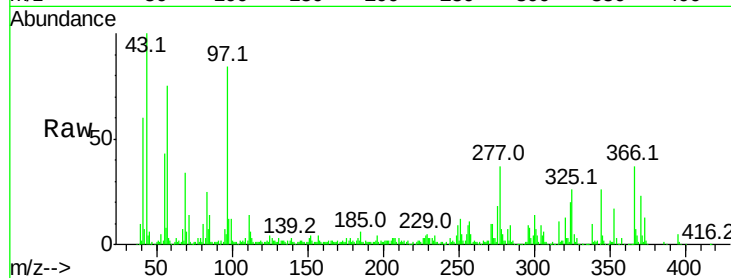




#64
4,6-Dinitro-2-methylphenol
Concen: 16.36 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.10 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

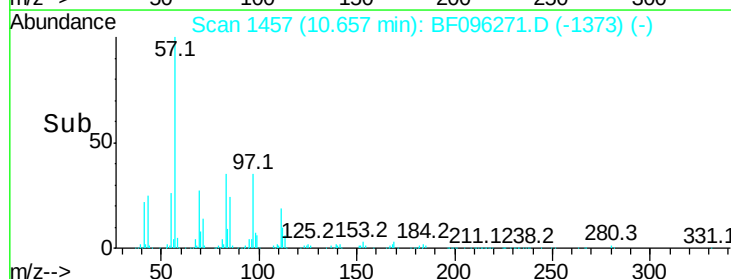
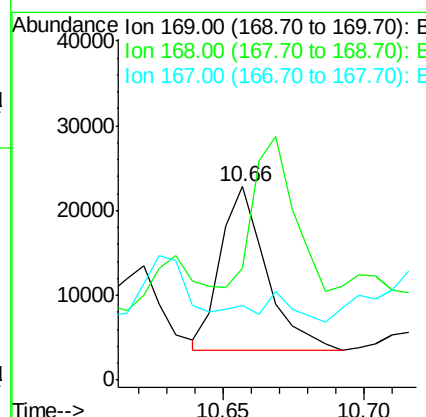
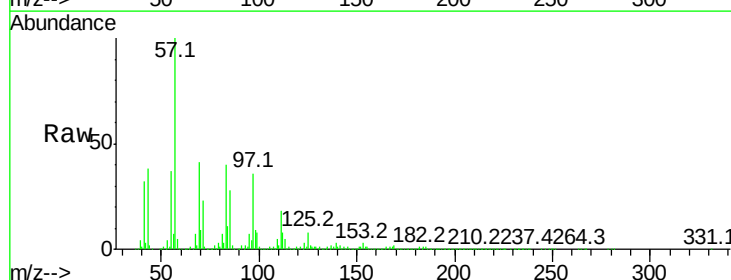
Instrument :
BNA_F
ClientSampleId :

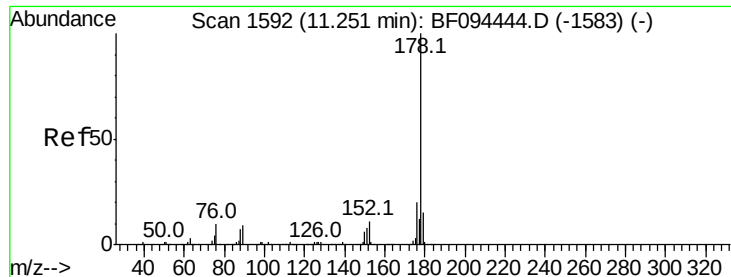
Tot Ion	Ratio	Lower	Upper
198	100		
51	79.0	53.2	93.2
105	75.8	45.8	85.8



#65
n-Nitrosodiphenylamine
Concen: 2.44 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF096271.D
Acq: 29 Jun 2017 2:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.8	53.2	79.8
167	38.4	29.5	44.3





#70

Phenanthrene

Concen: Below Cal

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

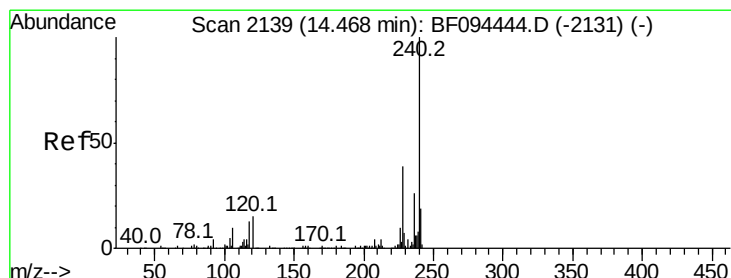
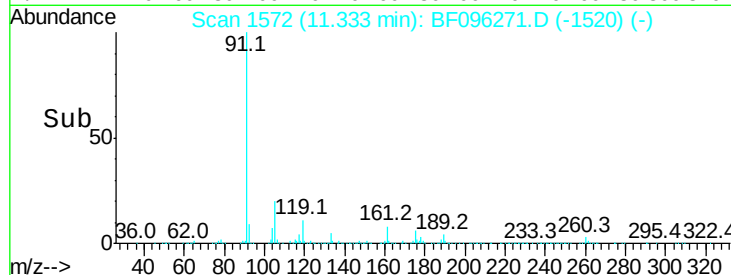
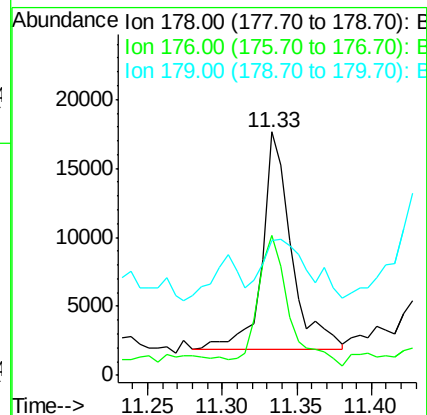
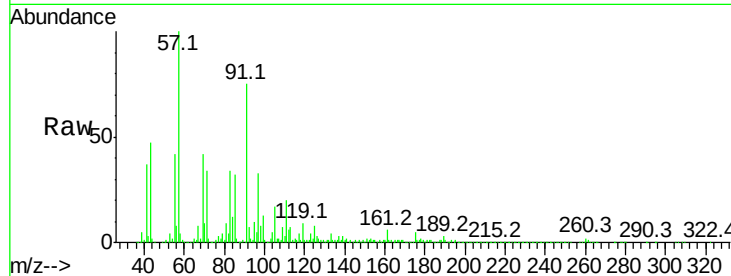
Tot Ion:178 Resp: 21035

Ion Ratio Lower Upper

178 100

176 57.6 16.2 24.4#

179 55.3 12.6 19.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.03 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

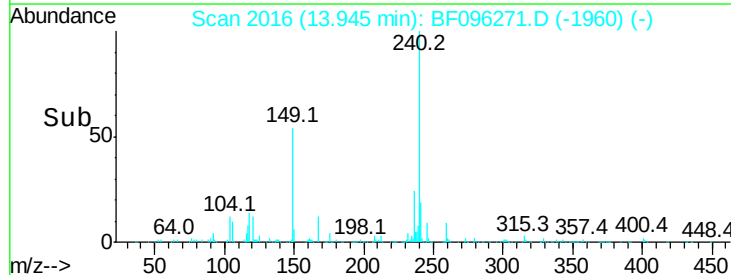
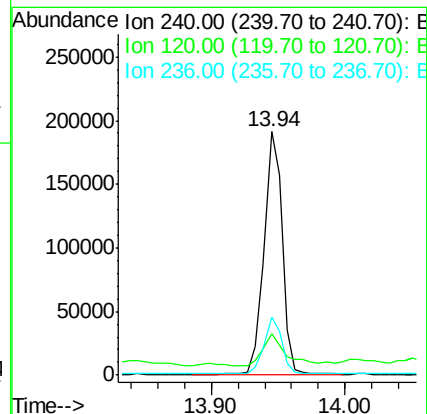
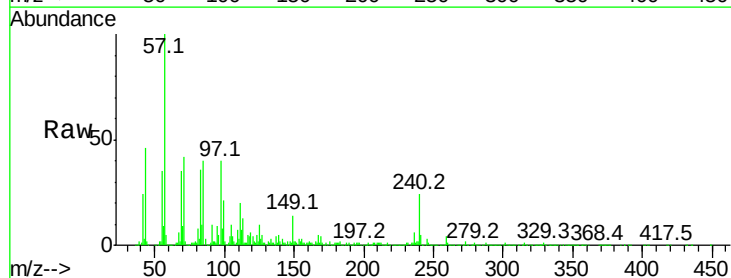
Tgt Ion:240 Resp: 176974

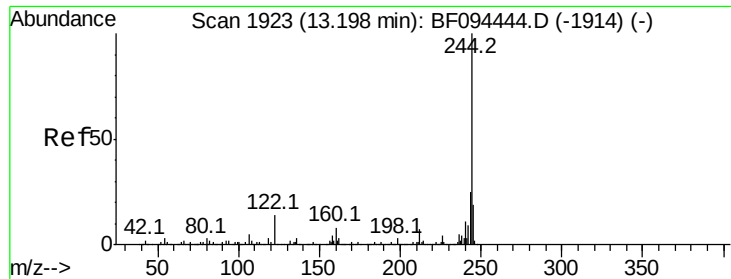
Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

236 23.8 20.5 30.7





#78

Terphenyl-d14

Concen: 18.39 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.03 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

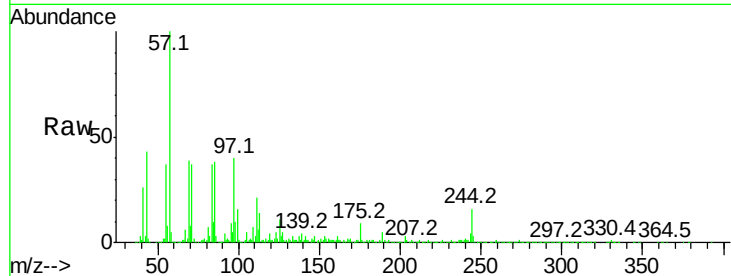
Tot Ion:244 Resp: 130420

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

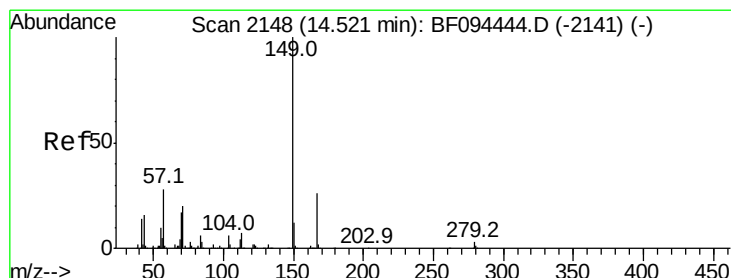
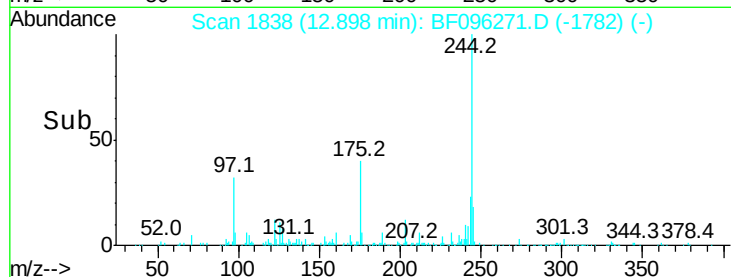
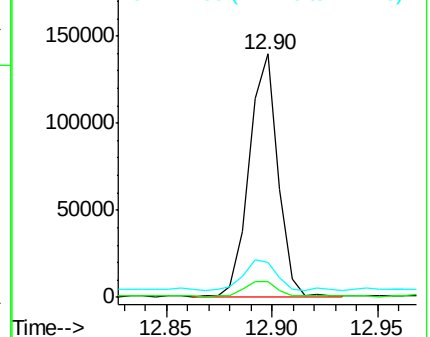
122 14.5 10.3 15.5



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: 29.41 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

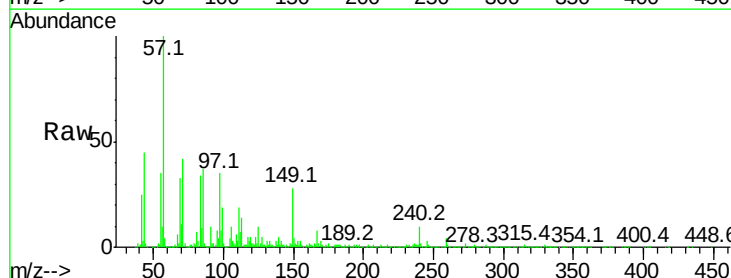
Tgt Ion:149 Resp: 213025

Ion Ratio Lower Upper

149 100

167 29.5 21.0 31.4

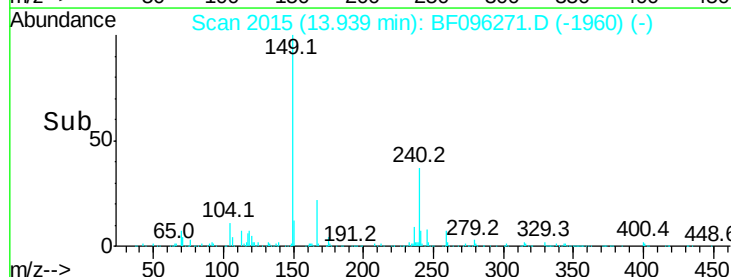
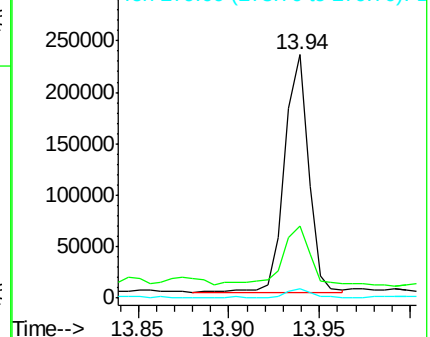
279 3.9 1.9 2.9#

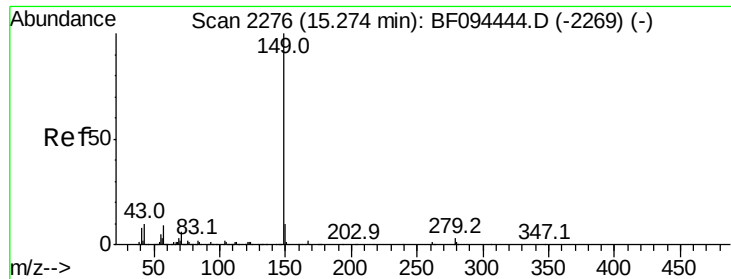


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.39 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.03 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

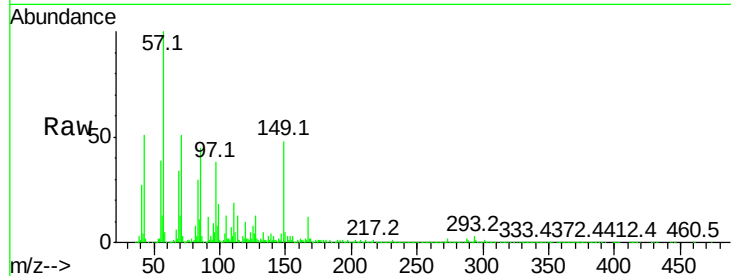
Tot Ion:149 Resp: 468259

Ion Ratio Lower Upper

149 100

167 22.4 1.2 1.8#

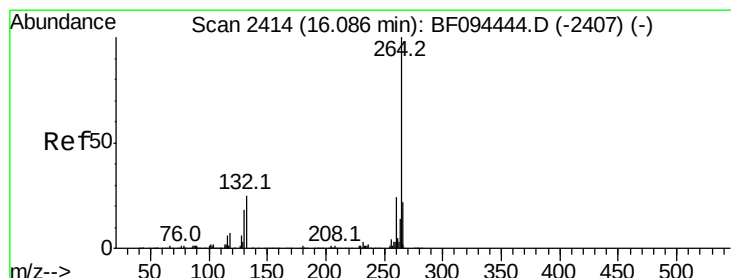
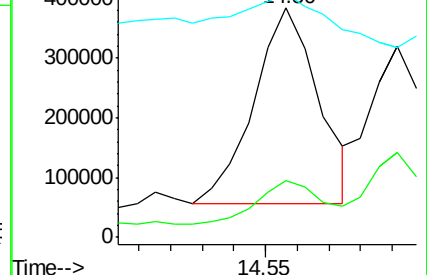
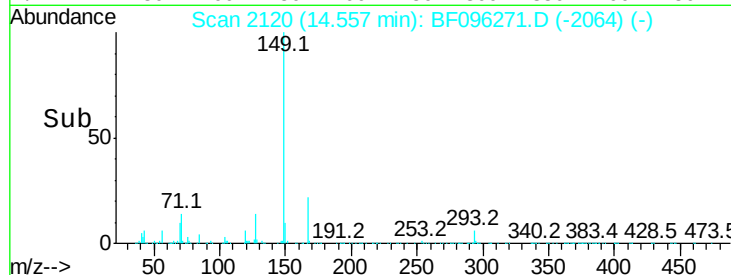
43 38.6 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.05 min

Lab File: BF096271.D

Acq: 29 Jun 2017 2:18

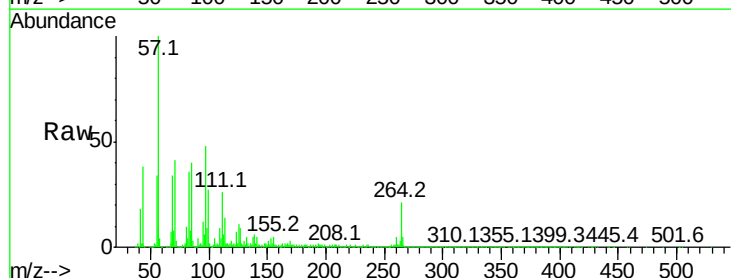
Tgt Ion:264 Resp: 166563

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.0 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

