

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098414.D
 Acq On : 11 Sep 2017 20:53
 Operator : SJ/JU
 Sample : PB102184BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BL

Quant Time: Sep 12 01:38:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	213976	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	911765	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	415036	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	812450	20.00	ng	0.00
75) Chrysene-d12	13.81	240	653836	20.00	ng	0.00
86) Perylene-d12	15.21	264	568664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1879932	129.90	ng	0.01
7) Phenol-d6	6.32	99	2307123	125.56	ng	0.00
23) Nitrobenzene-d5	7.23	82	1489644	91.08	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	420040	151.64	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2342687	95.67	ng	0.00
78) Terphenyl-d14	12.77	244	2217605	73.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	475	0.064	ng	# 62
3) Pyridine	2.98	79	115	0.006	ng	# 6
4) n-Nitrosodimethylamine	2.98	42	113	0.012	ng	# 1
6) Aniline	6.32	93	113	0.005	ng	# 1
8) 2-Chlorophenol	6.46	128	1006	0.063	ng	# 1
9) Benzaldehyde	6.32	77	3808	0.317	ng	# 1
10) Phenol	6.33	94	1153	0.054	ng	# 1
11) bis(2-Chloroethyl)ether	6.44	93	2698	0.168	ng	# 1
12) 1,3-Dichlorobenzene	6.84	146	1300	0.081	ng	# 1
13) 1,4-Dichlorobenzene	6.84	146	1300	0.079	ng	# 63
14) 1,2-Dichlorobenzene	6.84	146	1300	0.087	ng	# 69
15) Benzyl Alcohol	6.82	79	24276	1.985	ng	# 34
17) 2-Methylphenol	6.82	107	170	0.013	ng	# 1
18) Hexachloroethane	6.89	117	119	0.019	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	198283	17.155	ng	# 83
20) 3+4-Methylphenols	6.82	107	170	0.010	ng	# 1
22) Acetophenone	6.83	105	144	0.006	ng	# 1
24) Nitrobenzene	7.23	77	4651	0.250	ng	# 36
25) Isophorone	7.23	82	1473766	44.539	ng	# 67
28) bis(2-Chloroethoxy)methane	7.95	93	270	0.013	ng	# 1
32) Benzoic acid	7.95	122	123	7.980	ng	# 1
45) 1,1'-Biphenyl	9.12	154	4671	0.126	ng	# 89
47) 2-Nitroaniline	9.03	65	4417	0.434	ng	# 1
49) Dimethylphthalate	9.70	163	114395	3.561	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	52478	7.952	ng	# 34
51) Acenaphthene	9.70	154	1643	0.066	ng	# 4
56) 2,4-Dinitrotoluene	9.70	165	52478	6.541	ng	# 33
57) Fluorene	10.49	166	23646	0.865	ng	# 92
61) 4-Nitroaniline	10.50	138	111	0.014	ng	# 5
62) Azobenzene	10.49	77	3253	0.099	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.49	198	1366	5.210	ng	# 21
65) n-Nitrosodiphenylamine	10.49	169	16895	0.640	ng	# 46
66) 4-Bromophenyl-phenylether	10.49	248	30962	4.015	ng	# 1
70) Phenanthrene	11.18	178	302	0.007	ng	# 1

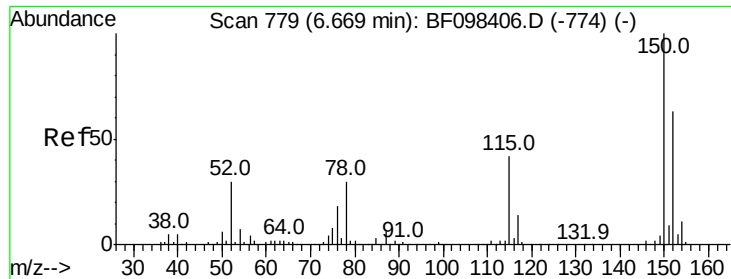
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098414.D
Acq On : 11 Sep 2017 20:53
Operator : SJ/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.18	178	302	0.007	nq	# 1
72) Carbazole	11.18	167	108	0.003	nq	# 1
73) Di-n-butylphthalate	11.75	149	124	0.003	nq	# 78
76) Benzidine	12.77	184	33431	1.155	nq	# 92
77) Pyrene	12.77	202	8254	0.160	nq	# 70
80) Benzo(a)anthracene	13.81	228	1567	0.041	nq	# 61
82) Chrysene	13.81	228	1567	0.040	nq	# 57
83) Bis(2-ethylhexyl)phthalate	13.79	149	674	0.024	nq	# 52
89) Benzo(a)pyrene	15.22	252	2072	0.065	nq	# 81

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

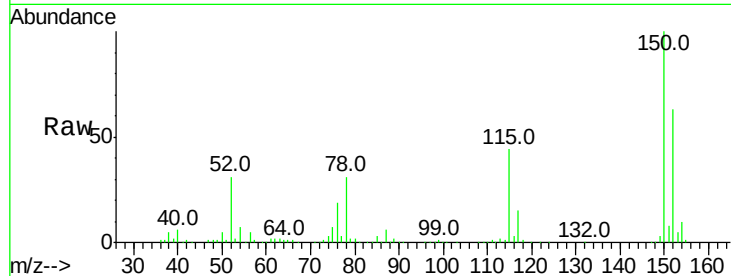
Tot Ion:152 Resp: 213976

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

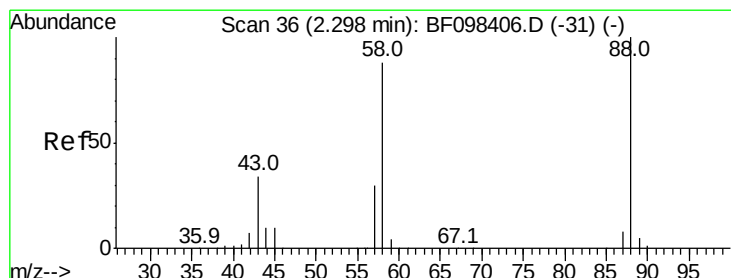
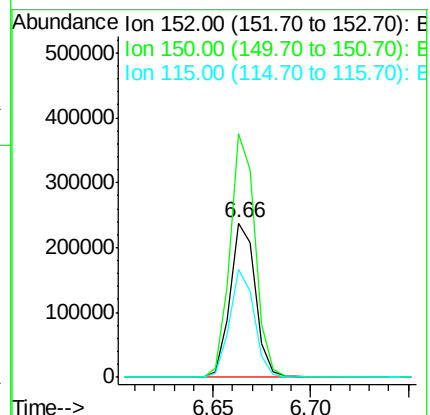
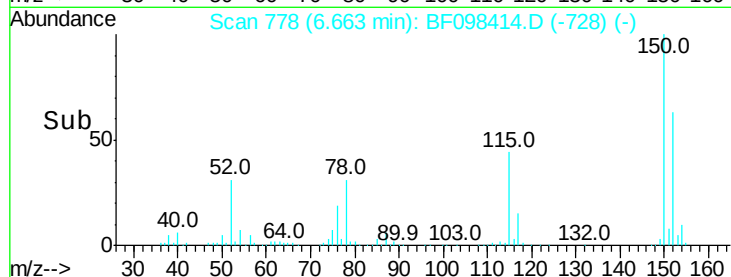
115 69.9 52.2 78.2



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



#2

1,4-Dioxane

Concen: 0.064 ng

RT: 2.34 min Scan# 43

Delta R.T. 0.04 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

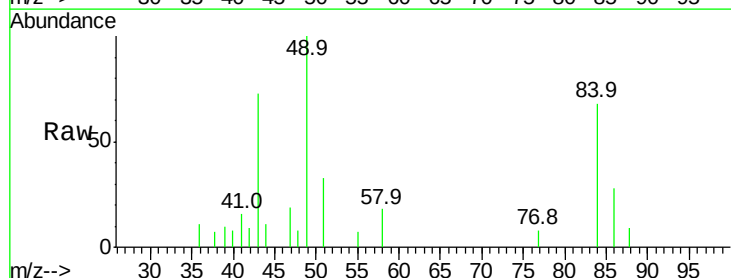
Tgt Ion: 88 Resp: 475

Ion Ratio Lower Upper

88 100

58 49.7 61.4 92.0#

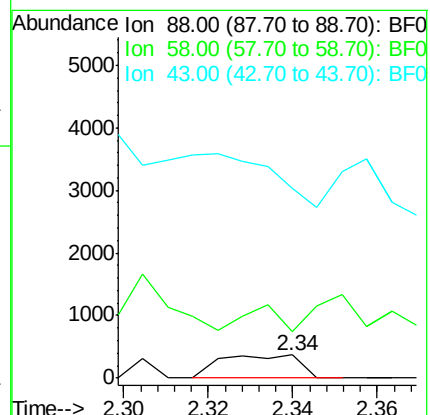
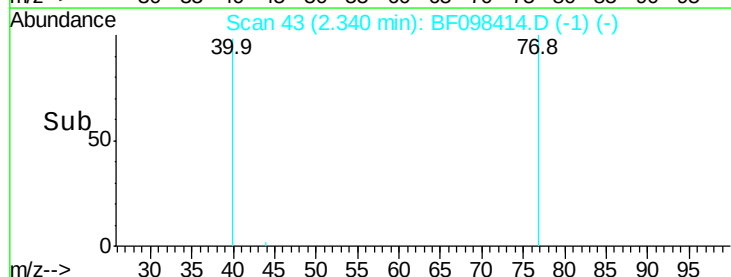
43 0.0 23.4 35.0#

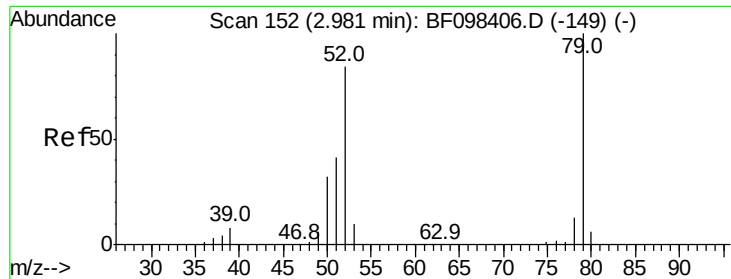


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.006 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

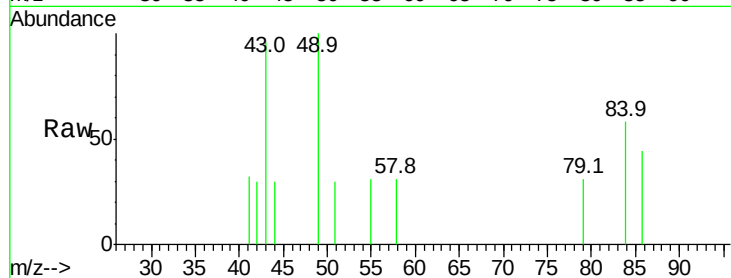
Tot Ion: 79 Resp: 115

Ion Ratio Lower Upper

79 100

52 0.0 54.8 82.2#

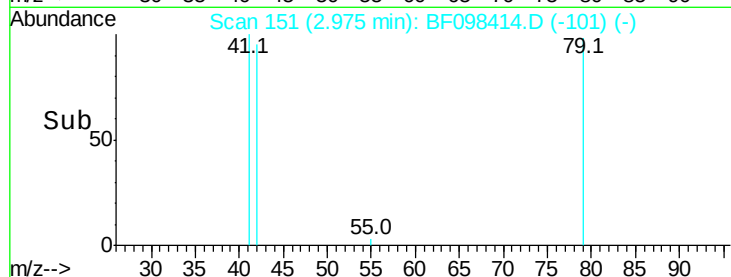
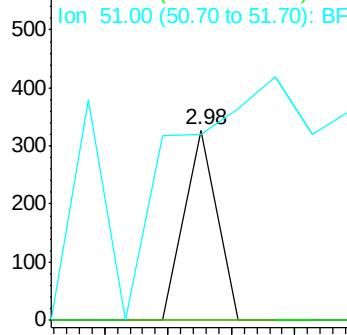
51 98.2 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 0.012 ng

RT: 2.98 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

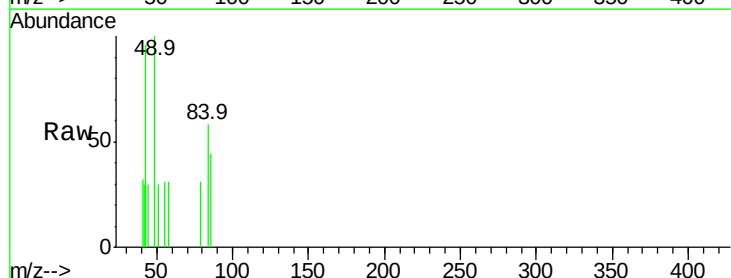
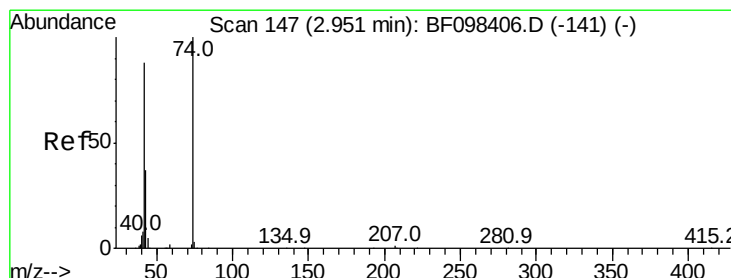
Tgt Ion: 42 Resp: 113

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

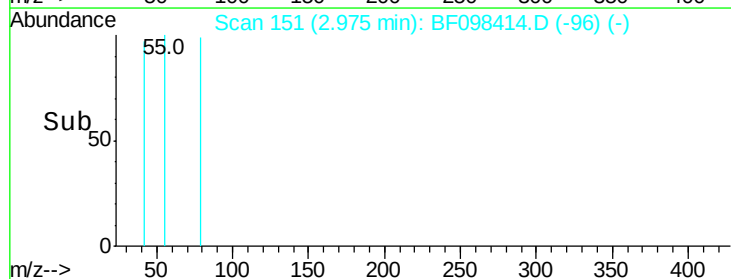
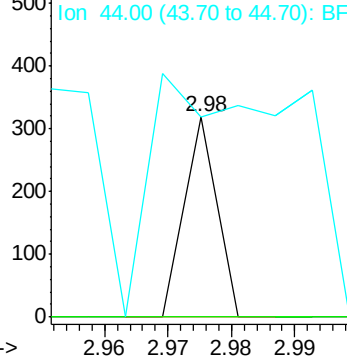
44 100.0 5.7 8.5#

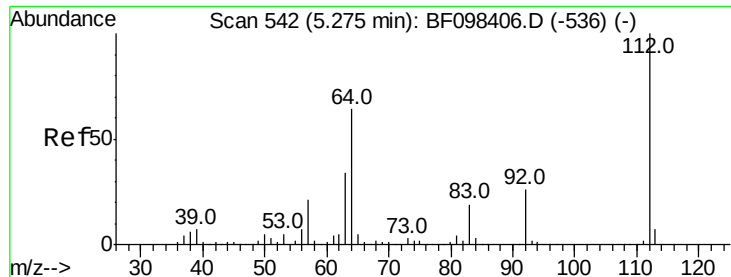


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.899 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

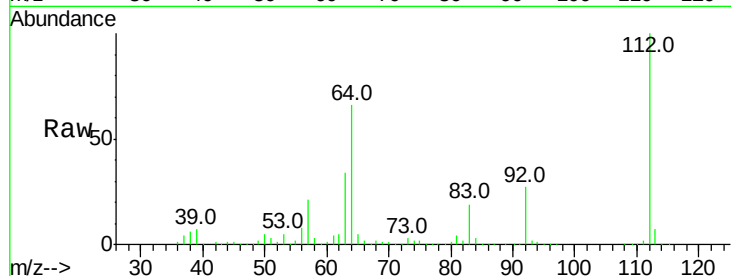
Tot Ion:112 Resp: 1879932

Ion Ratio Lower Upper

112 100

64 66.3 46.0 69.0

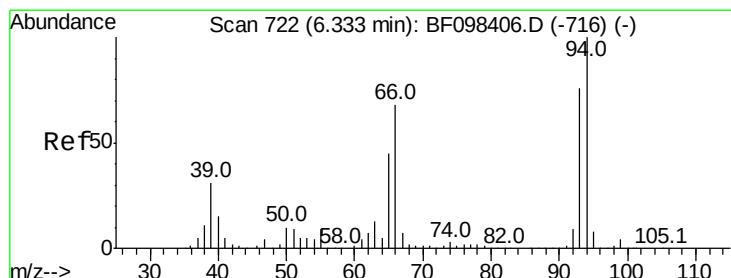
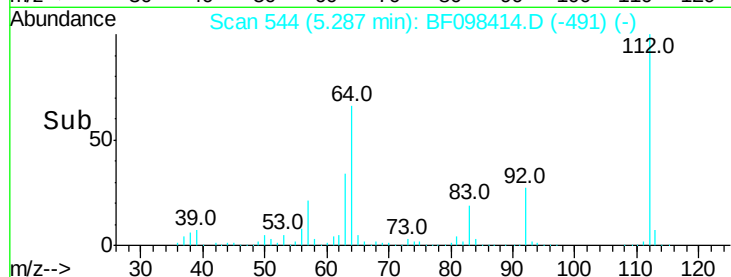
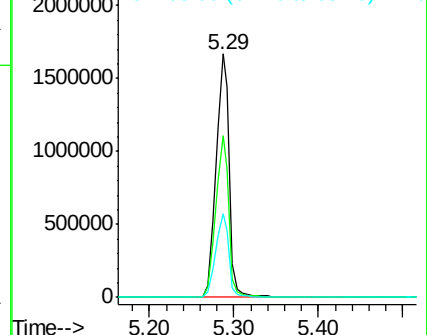
63 34.4 23.4 35.0



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



#6

Aniline

Concen: 0.005 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

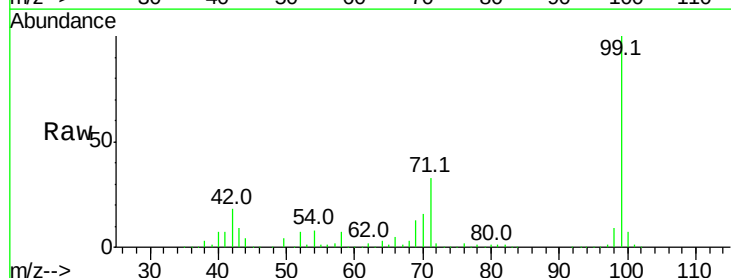
Tgt Ion: 93 Resp: 113

Ion Ratio Lower Upper

93 100

66 29993.7 32.9 49.3#

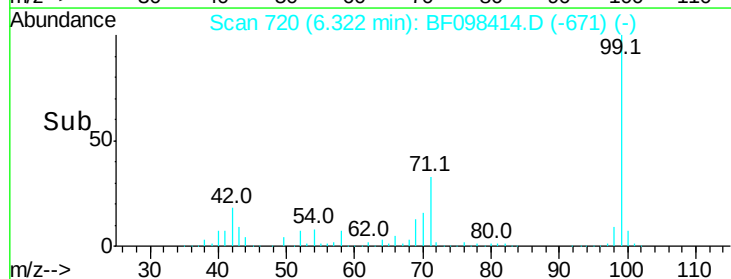
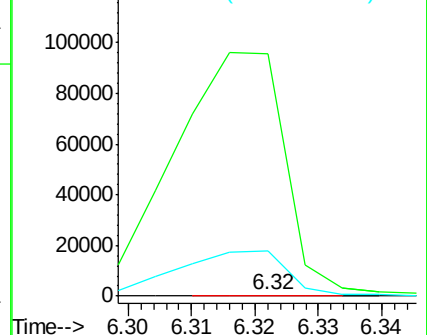
65 5637.6 16.0 24.0#

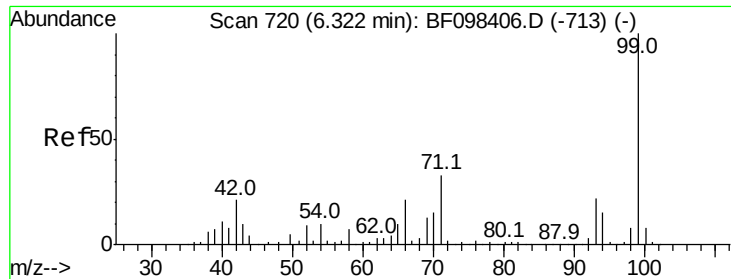


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.558 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

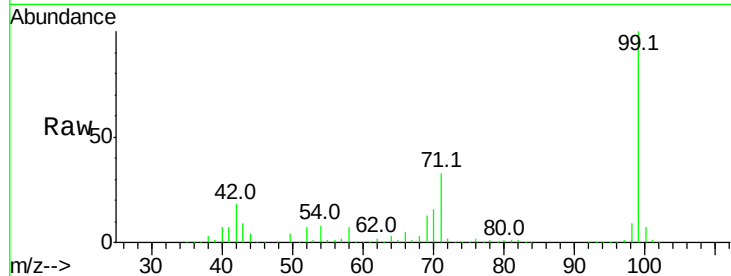
BNA_F

ClientSampleId :

PB102184BL

Tot Ion: 99 Resp: 2307123

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.0	24.5	36.7

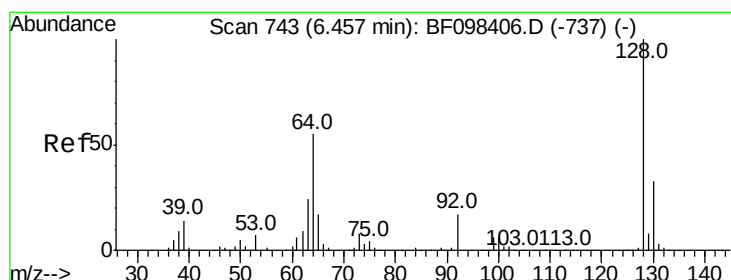
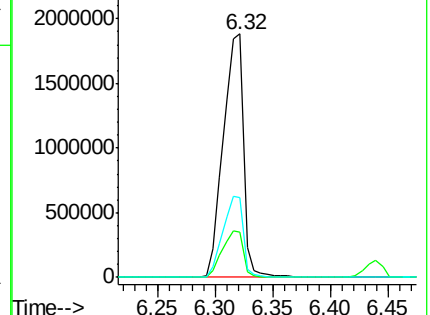
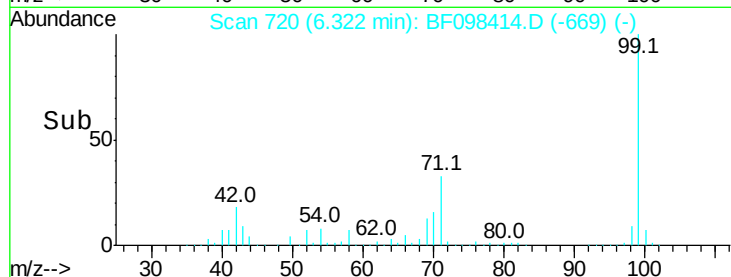


Abundance

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



#8

2-Chlorophenol

Concen: 0.063 ng

RT: 6.46 min Scan# 743

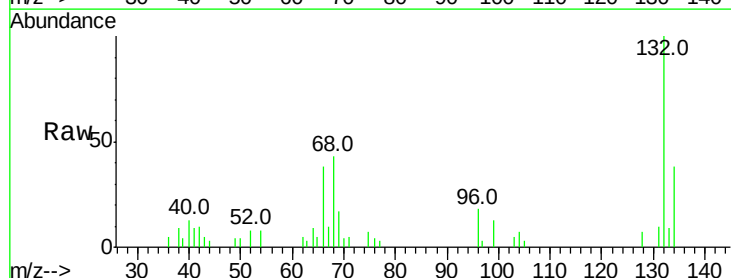
Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Tgt Ion: 128 Resp: 1006

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	136.4	28.4	68.4#

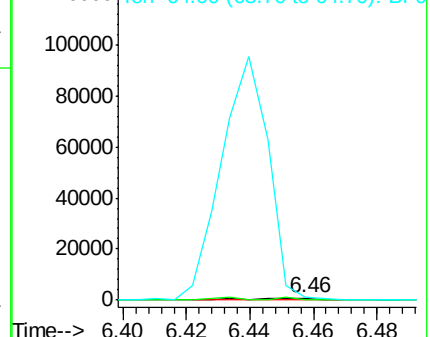
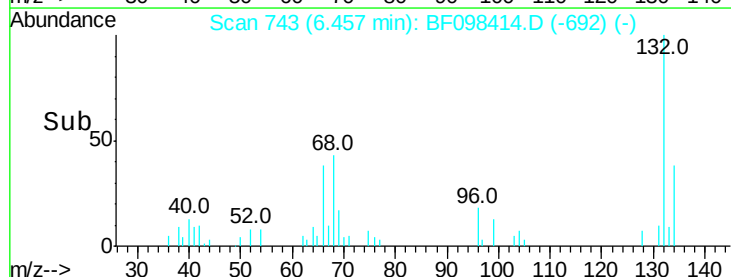


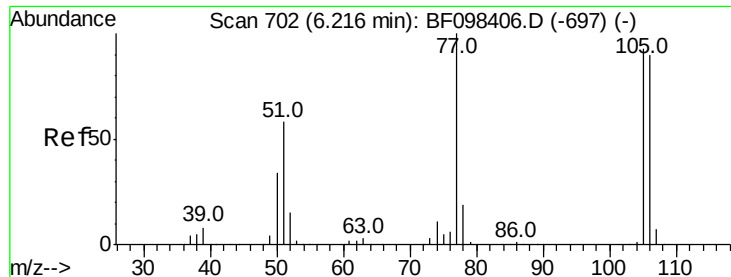
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.317 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.10 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

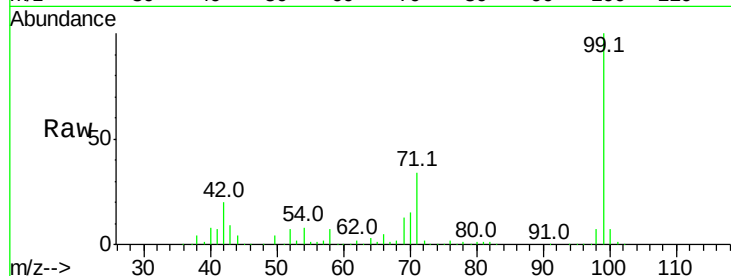
Tot Ion: 77 Resp: 3808

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

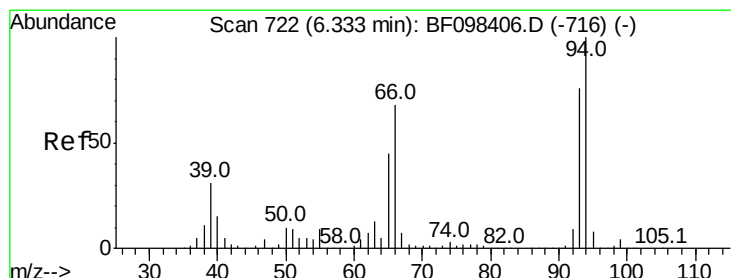
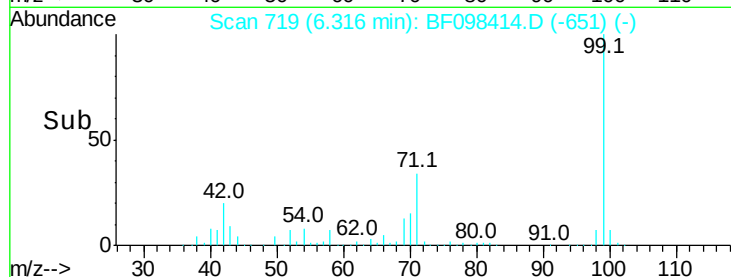
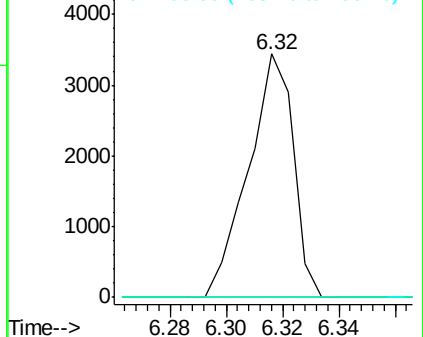
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.054 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

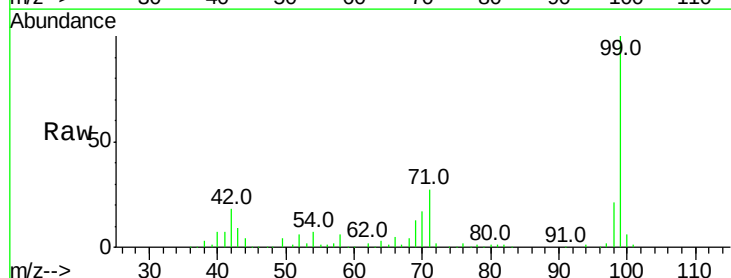
Tgt Ion: 94 Resp: 1153

Ion Ratio Lower Upper

94 100

65 250.0 9.9 49.9#

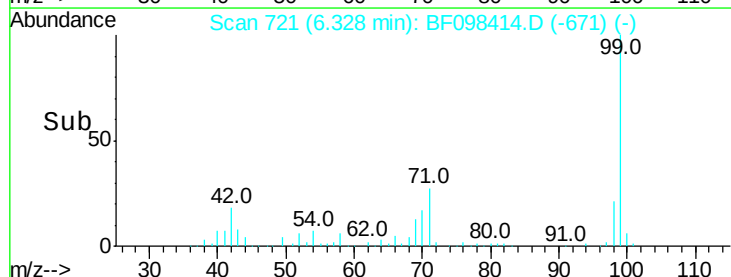
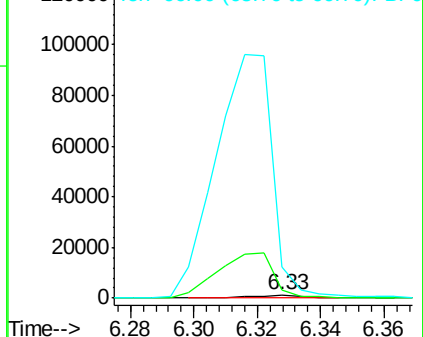
66 981.0 23.1 63.1#

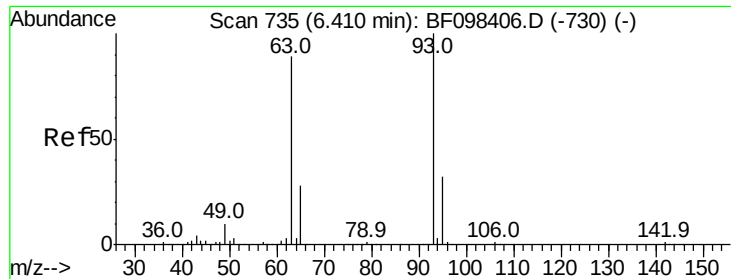


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.168 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.03 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

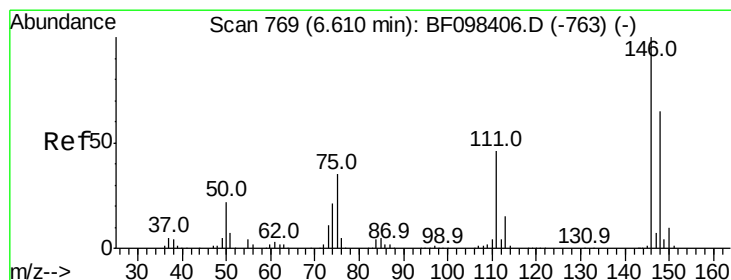
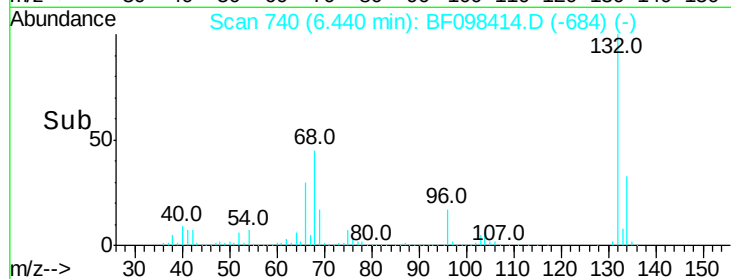
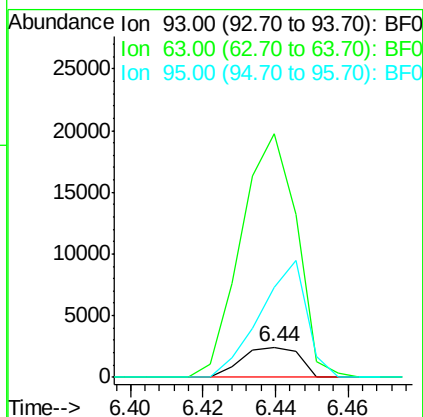
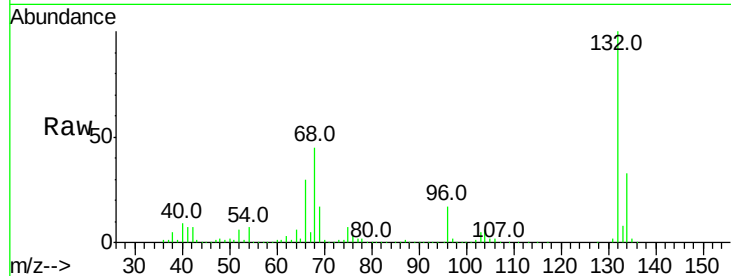
Tot Ion: 93 Resp: 2698

Ion Ratio Lower Upper

93 100

63 812.5 59.2 99.2#

95 301.9 12.8 52.8#



#12

1,3-Dichlorobenzene

Concen: 0.081 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.23 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

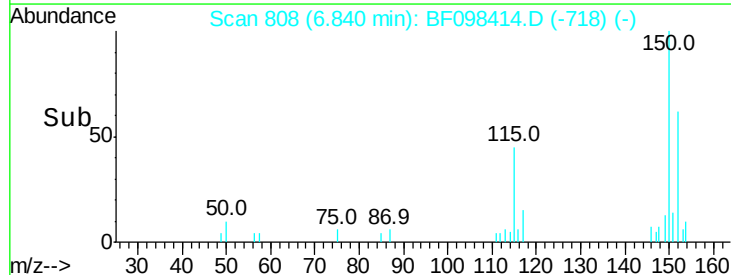
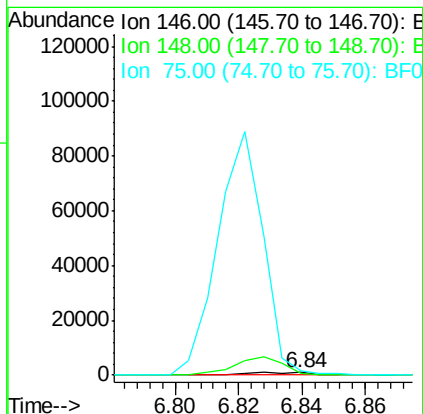
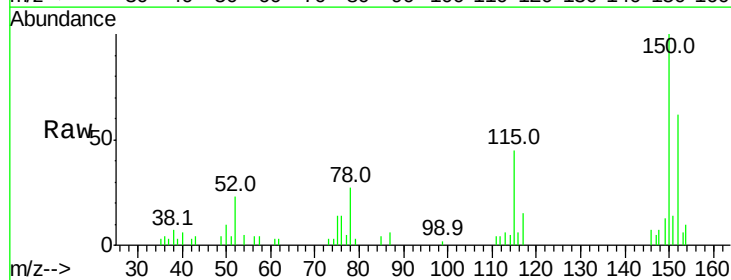
Tgt Ion: 146 Resp: 1300

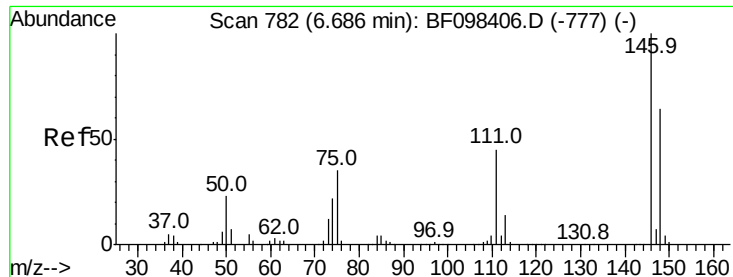
Ion Ratio Lower Upper

146 100

148 92.3 51.8 77.6#

75 190.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 0.079 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.15 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

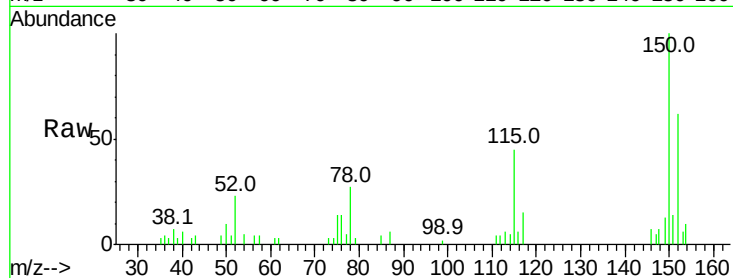
Tot Ion:146 Resp: 1300

Ion Ratio Lower Upper

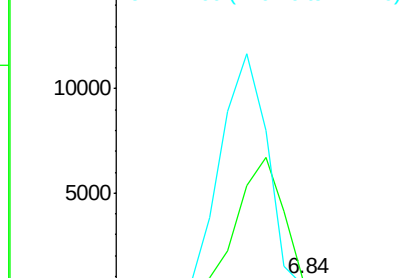
146 100

148 92.3 52.2 78.2#

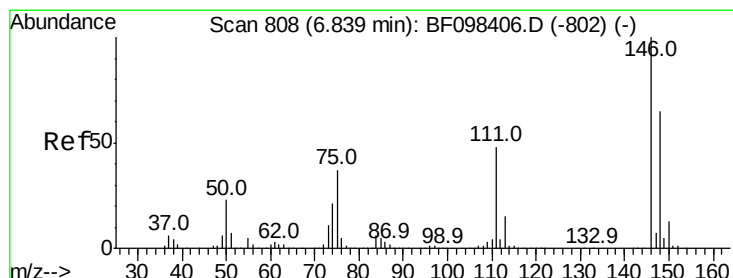
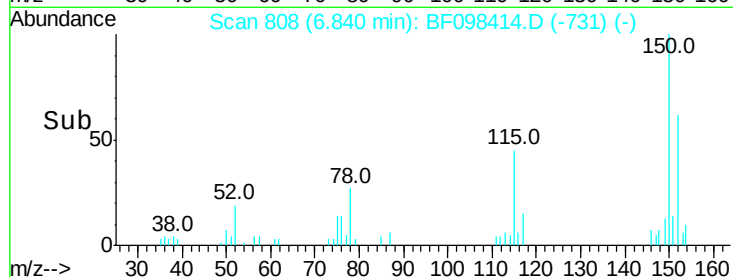
111 63.0 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 0.087 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

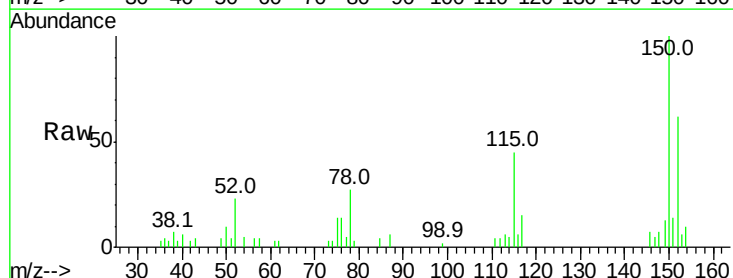
Tgt Ion:146 Resp: 1300

Ion Ratio Lower Upper

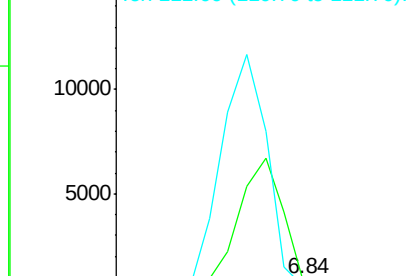
146 100

148 92.3 50.4 75.6#

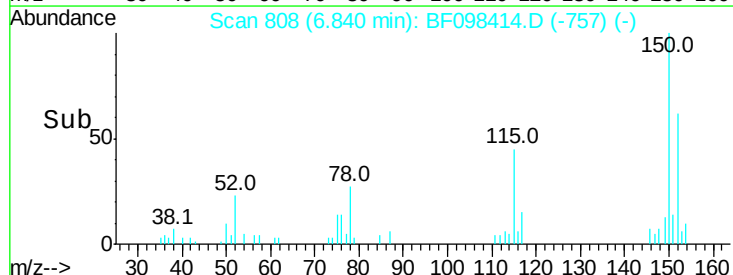
111 63.0 38.2 57.4#

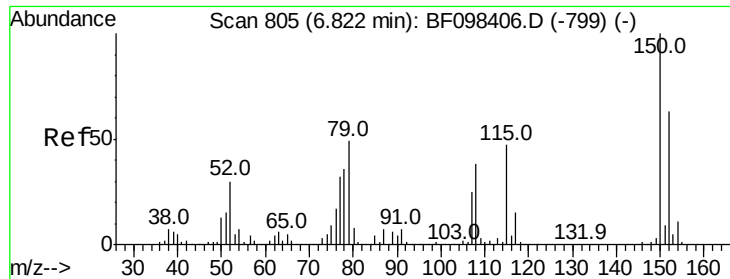


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->

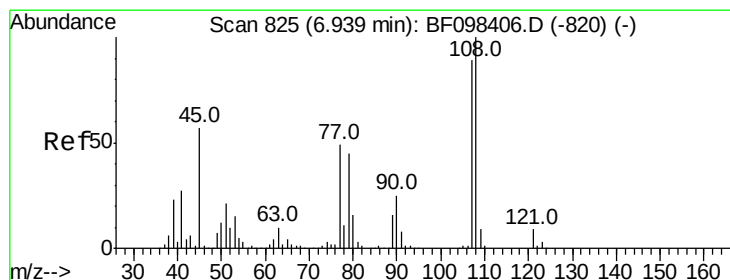
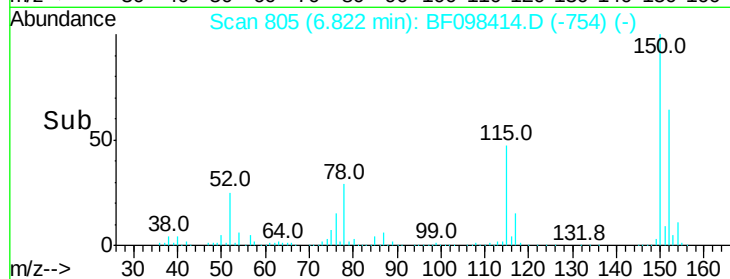
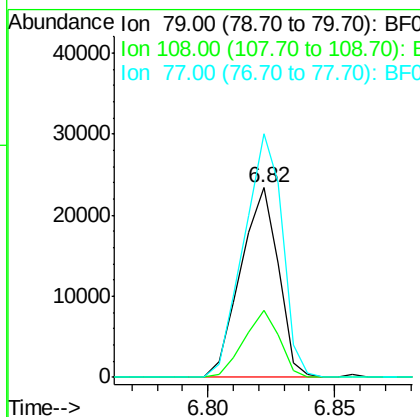
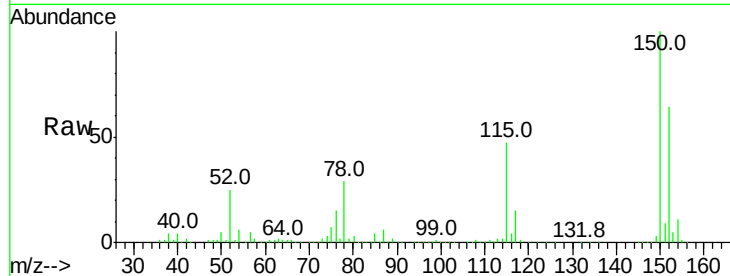




#15
Benzyl Alcohol
Concen: 1.985 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

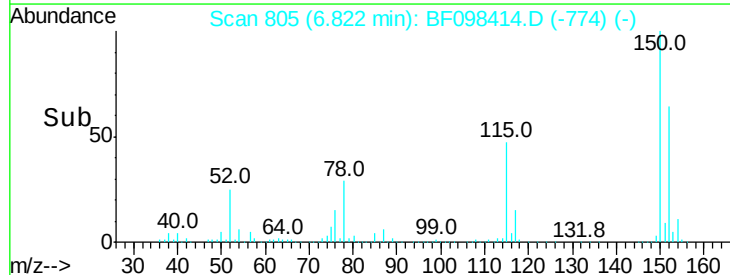
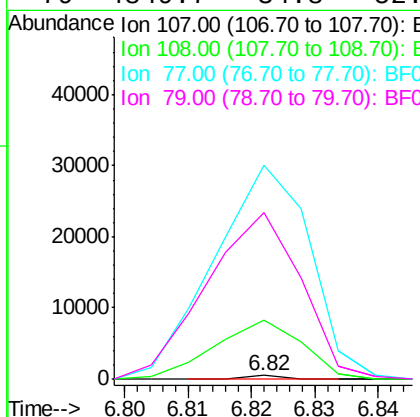
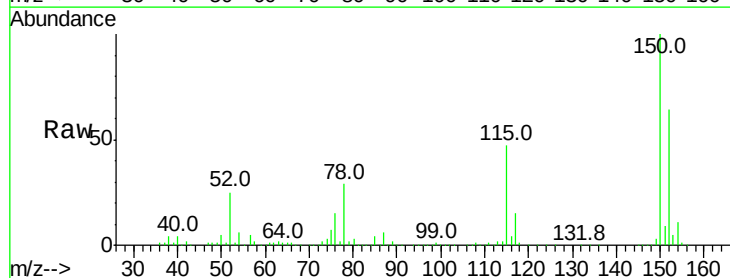
Instrument :
BNA_F
ClientSampleId :
PB102184BL

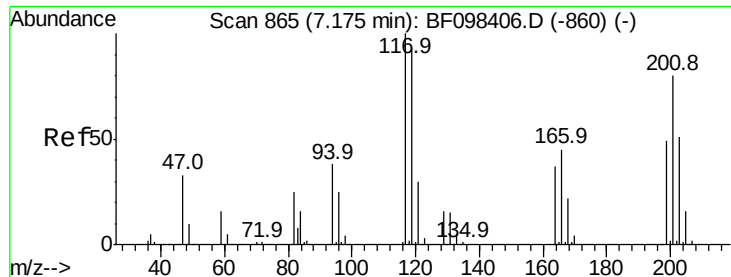
Tot Ion: 79 Resp: 24276
Ion Ratio Lower Upper
79 100
108 35.2 63.4 95.0#
77 128.3 49.2 73.8#



#17
2-Methylphenol
Concen: 0.013 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.12 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Tgt Ion:107 Resp: 170
Ion Ratio Lower Upper
107 100
108 1708.7 93.4 140.0#
77 6221.1 35.8 53.6#
79 4849.7 34.8 52.2#

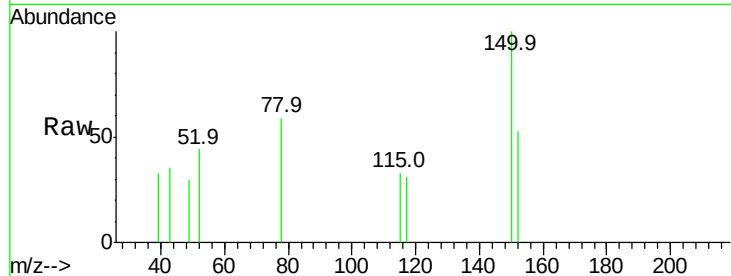




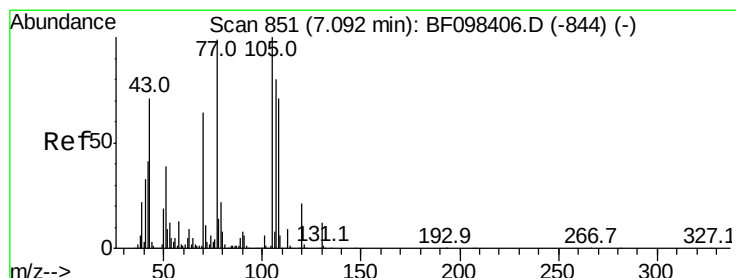
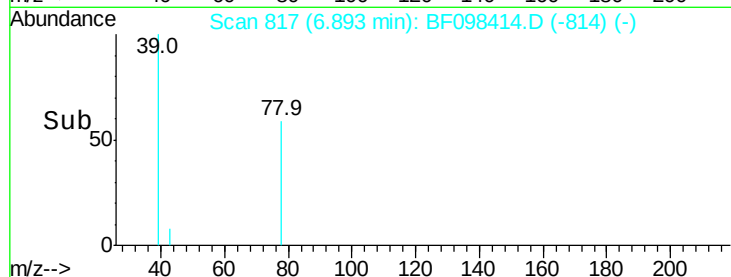
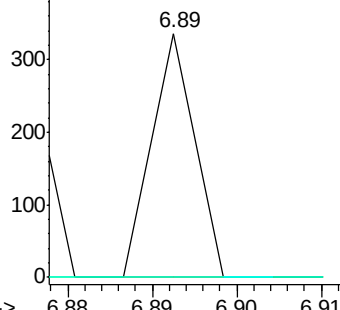
#18
Hexachloroethane
Concen: 0.019 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.28 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Instrument :
BNA_F
ClientSampleId :
PB102184BL

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

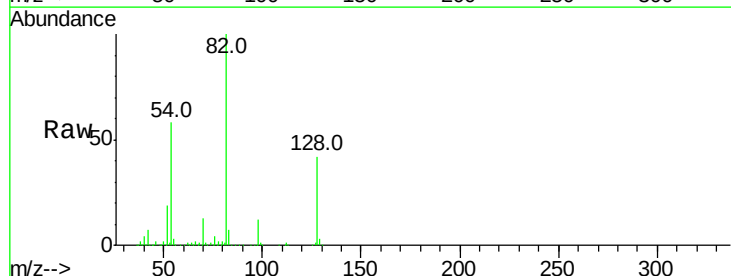


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

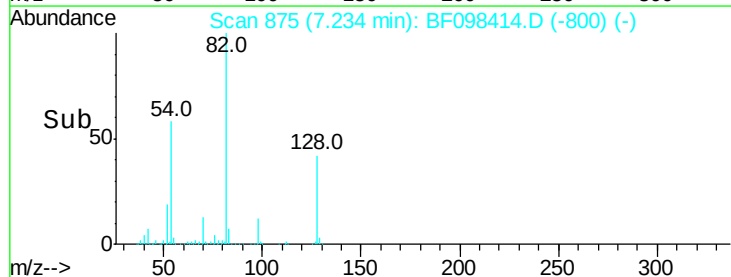
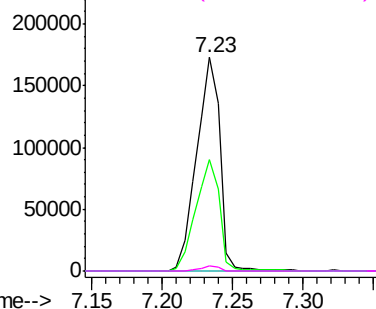


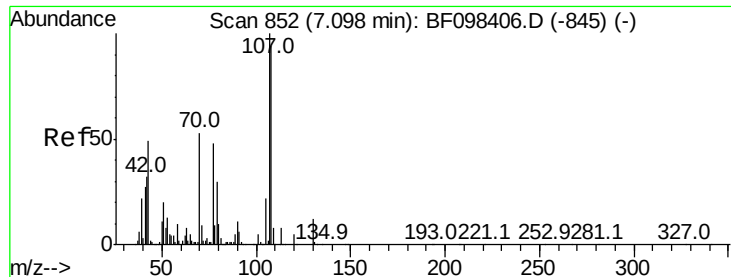
#19
n-Nitroso-di-n-propylamine
Concen: 17.155 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Tgt Ion: 70 Resp: 198283
Ion Ratio Lower Upper
70 100
42 52.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.010 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.28 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

Tot Ion:107 Resp: 170

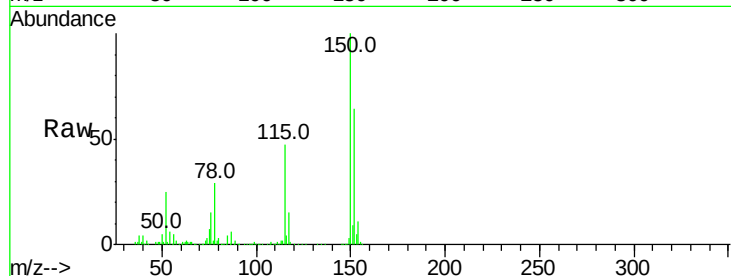
Ion Ratio Lower Upper

107 100

108 1708.7 71.0 111.0#

77 6221.1 90.5 130.5#

79 4849.7 8.4 48.4#

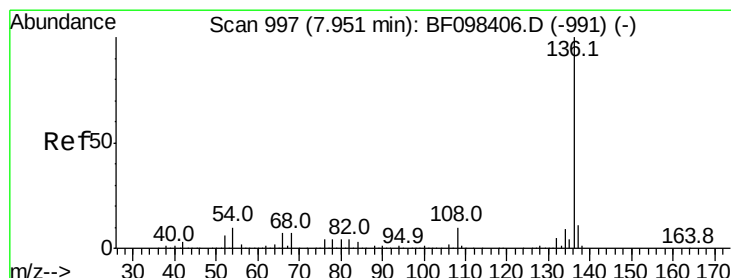
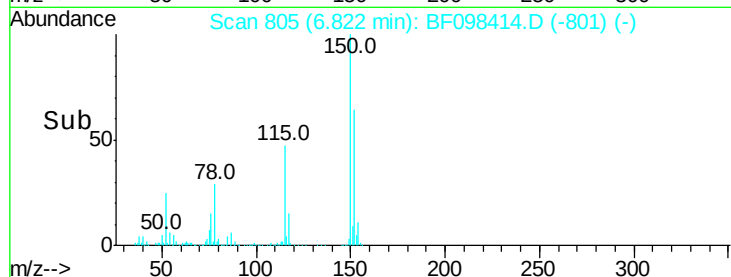
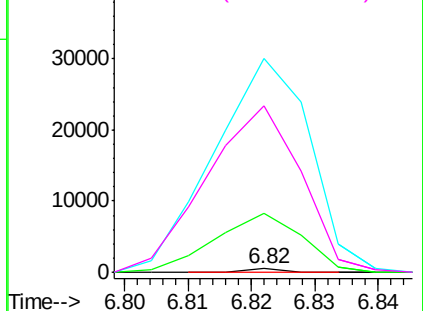


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Tgt Ion:136 Resp: 911765

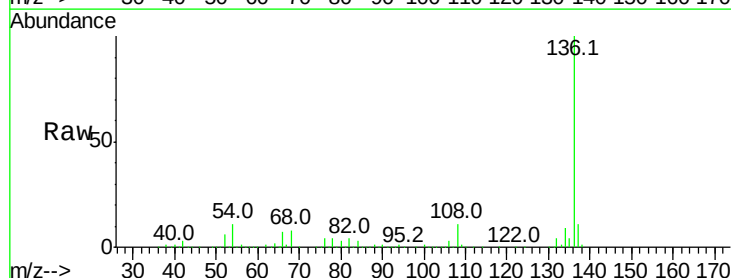
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.5 4.9 7.3#

68 7.8 4.1 6.1#

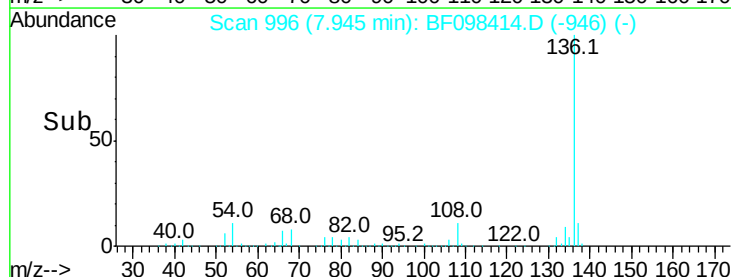
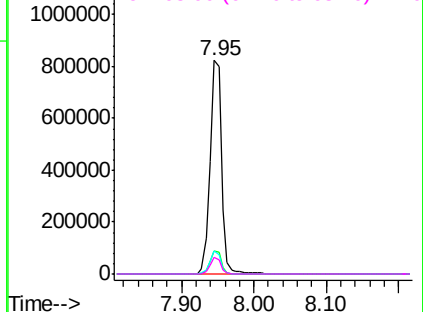


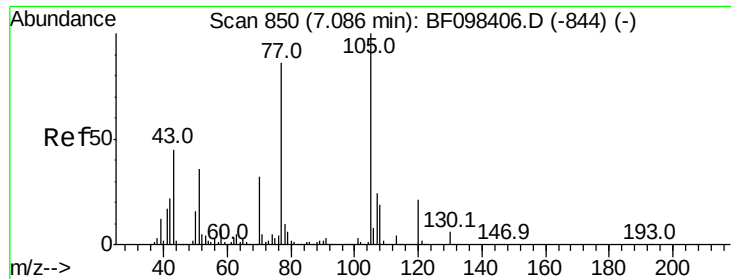
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 0.006 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.26 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

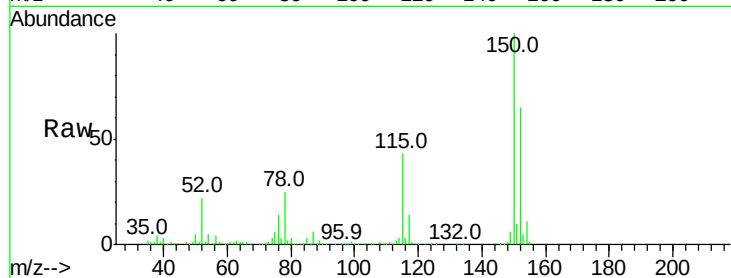
ClientSampleId :

PB102184BL

Tot Ion:105 Resp: 144

Ion Ratio Lower Upper

105	100		
71	383.6	2.8	4.2#
51	2827.4	30.7	46.1#
120	191.2	17.4	26.0#

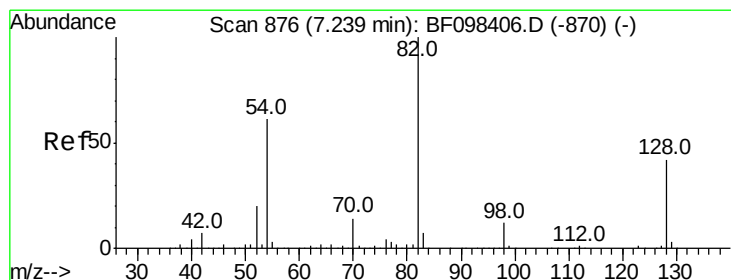
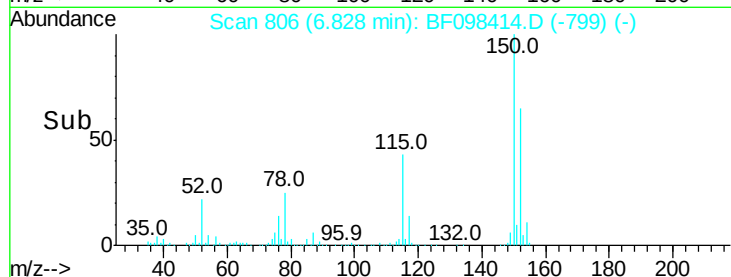
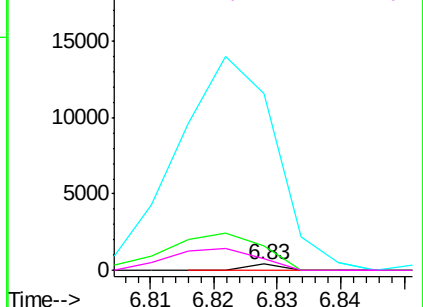


Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.084 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

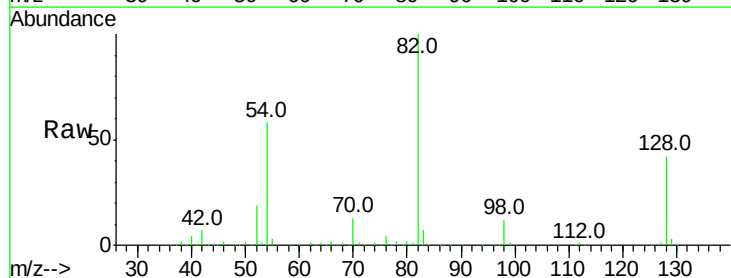
Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Tgt Ion: 82 Resp: 1489644

Ion Ratio Lower Upper

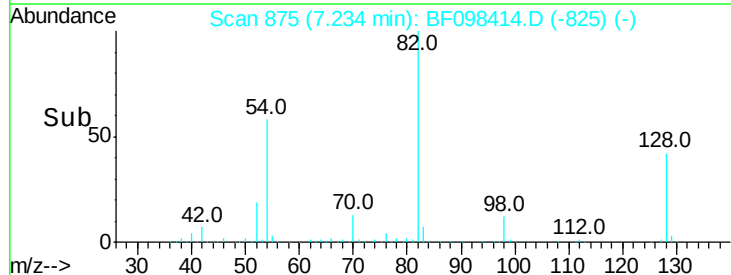
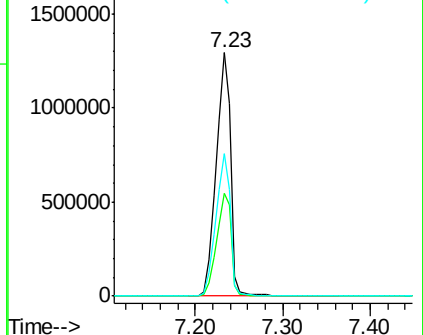
82	100		
128	42.2	34.0	51.0
54	58.4	42.2	63.2

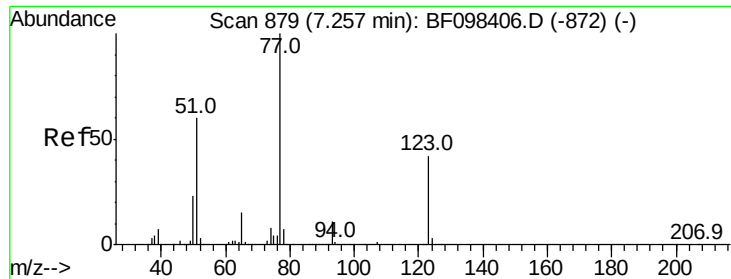


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

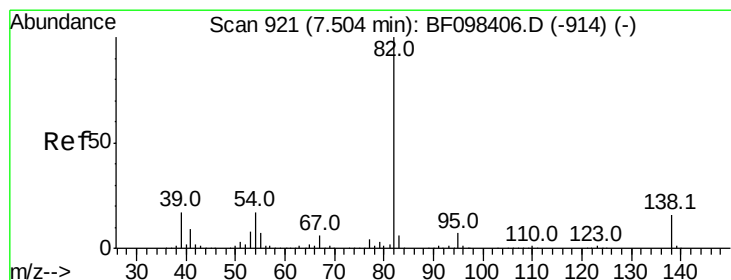
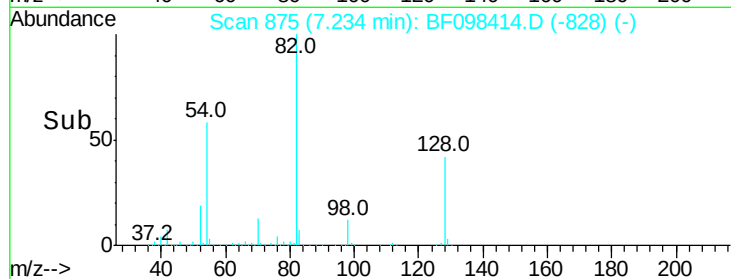
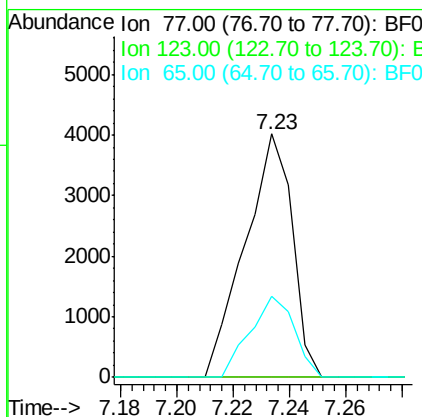
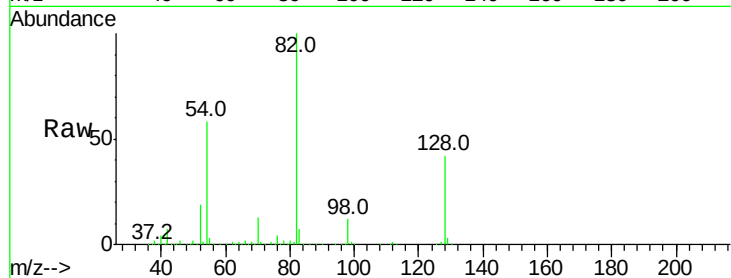




#24
Nitrobenzene
Concen: 0.250 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

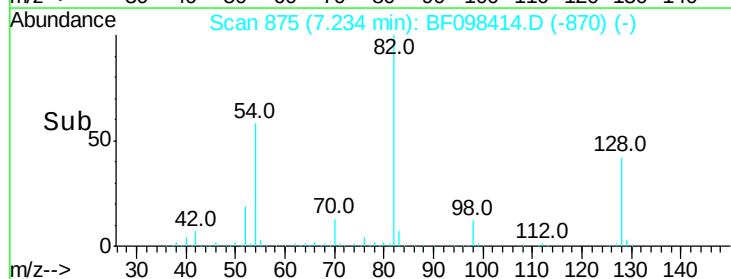
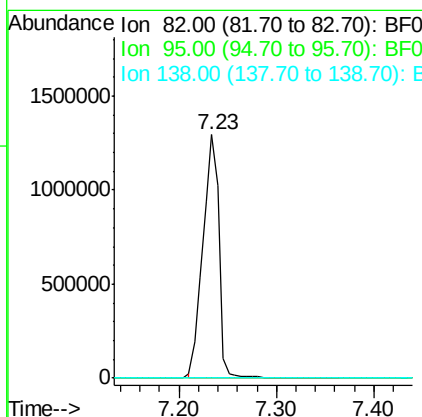
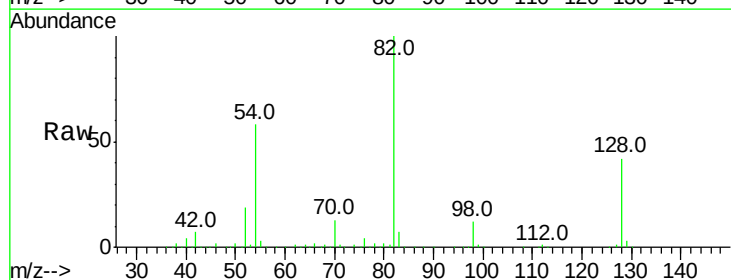
Instrument :
BNA_F
ClientSampleId :
PB102184BL

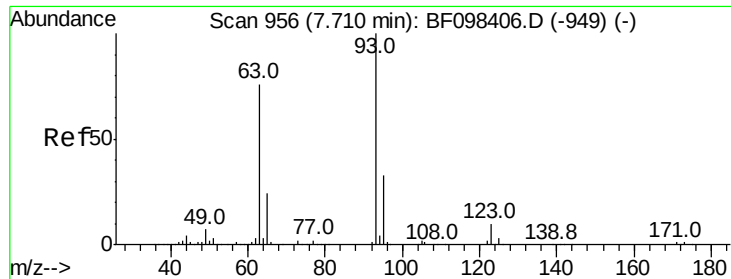
Tot Ion: 77 Resp: 4651
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 33.3 10.6 15.8#



#25
Isophorone
Concen: 44.539 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.27 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Tgt Ion: 82 Resp: 1473766
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#28

bis(2-Chloroethoxy)methane

Concen: 0.013 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.24 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

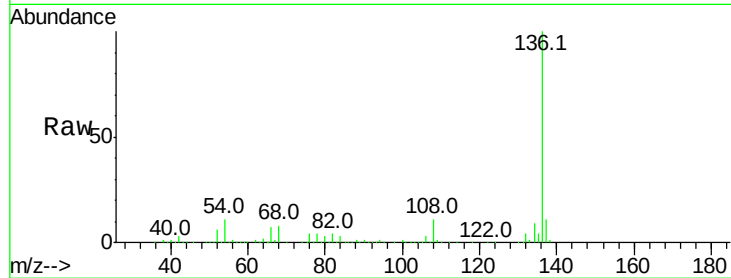
Tot Ion: 93 Resp: 270

Ion Ratio Lower Upper

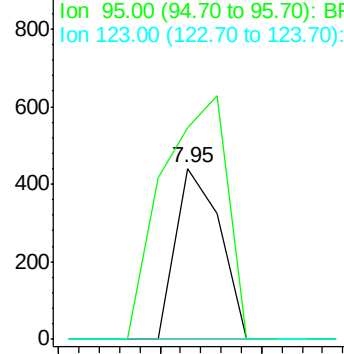
93 100

95 124.3 26.5 39.7#

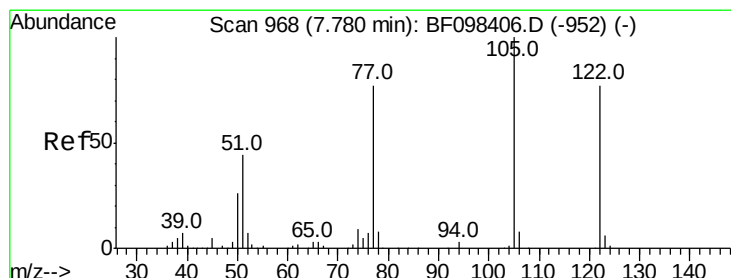
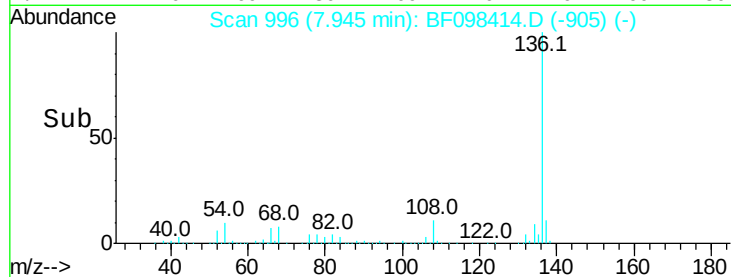
123 0.0 9.0 13.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



Time-->



#32

Benzoic acid

Concen: 7.980 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.17 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

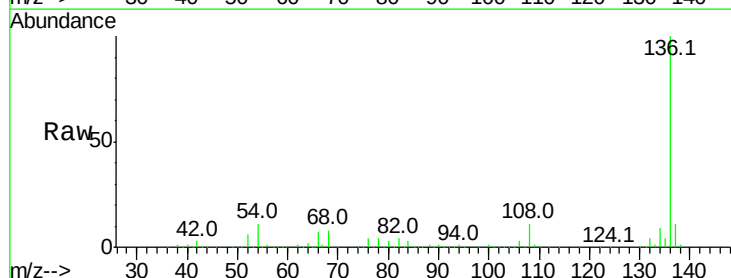
Tgt Ion: 122 Resp: 123

Ion Ratio Lower Upper

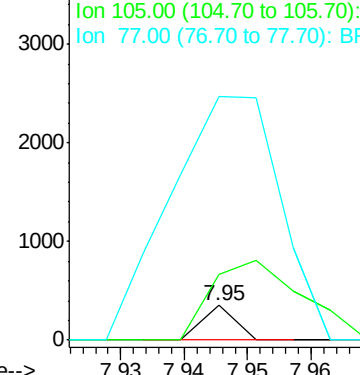
122 100

105 191.1 103.3 143.3#

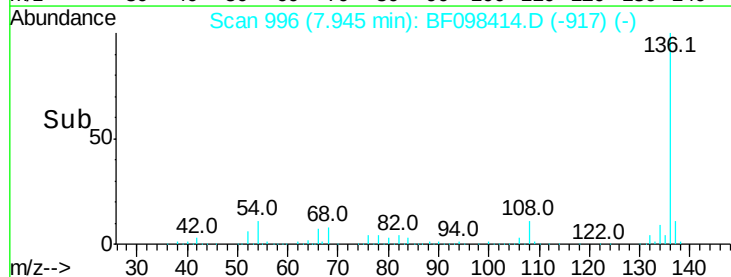
77 705.4 73.7 113.7#

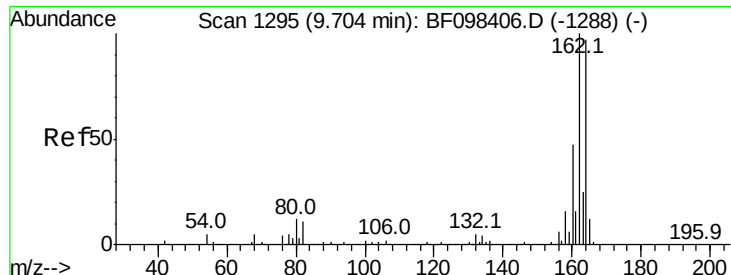


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time-->

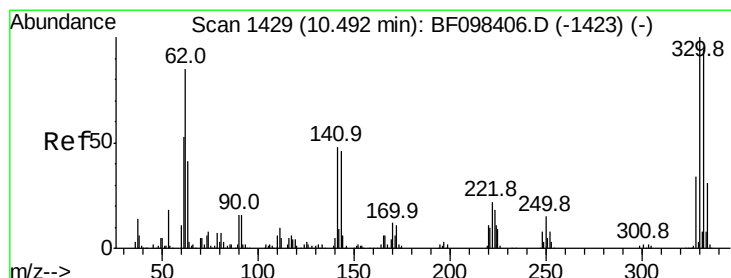
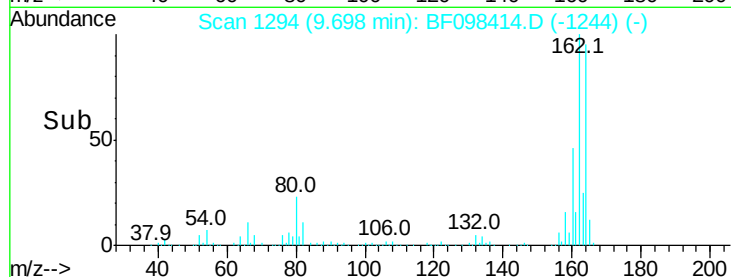
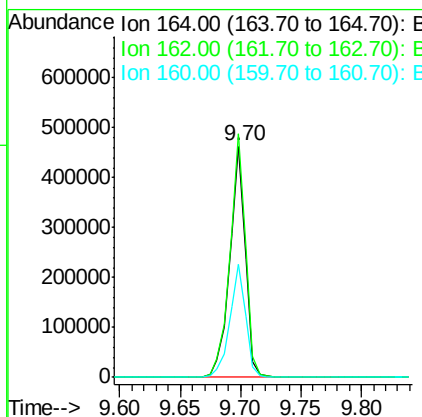
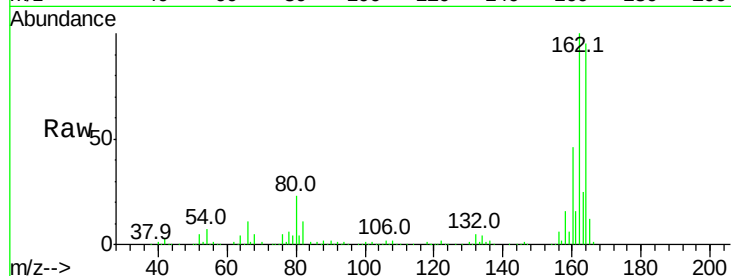




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

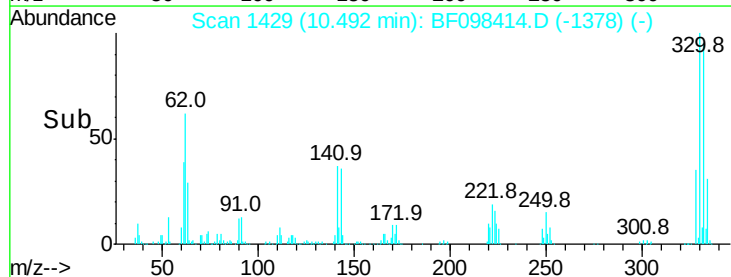
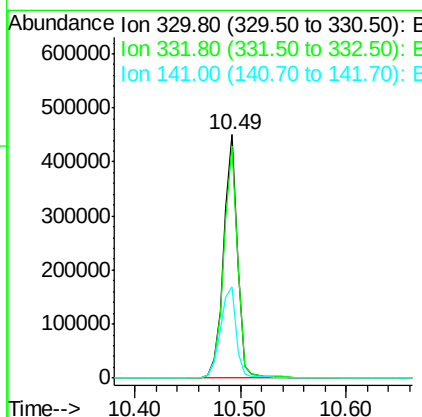
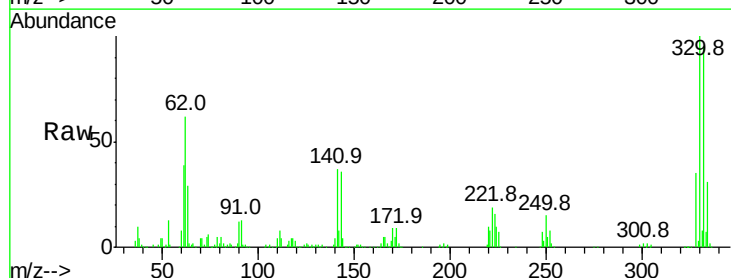
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BL

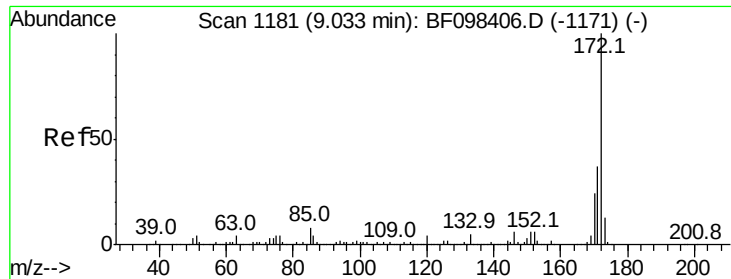
Tot Ion:164 Resp: 415036
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 48.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 151.637 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

Tgt Ion:330 Resp: 420040
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 44.0 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 95.670 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

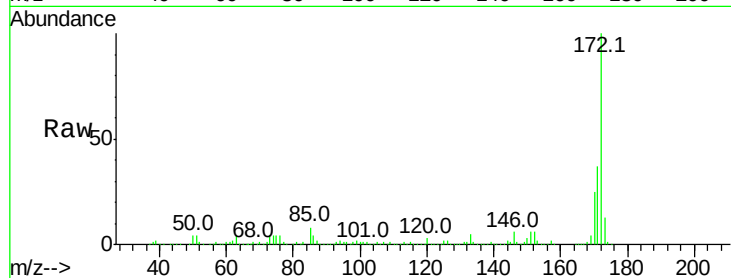
BNA_F

ClientSampleId :

PB102184BL

Tot Ion:172 Resp: 2342687

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	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

2500000

2000000

1500000

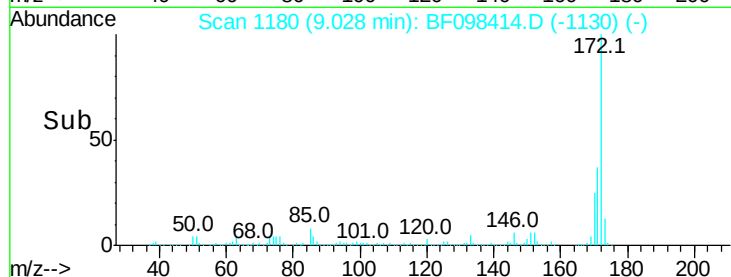
1000000

500000

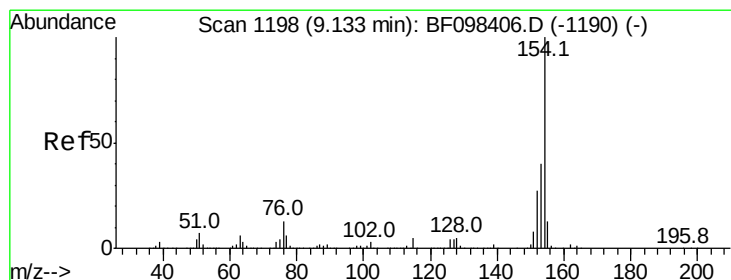
0

9.03

Time-->



Time-->



#45

1,1'-Biphenyl

Concen: 0.126 ng

RT: 9.12 min Scan# 1196

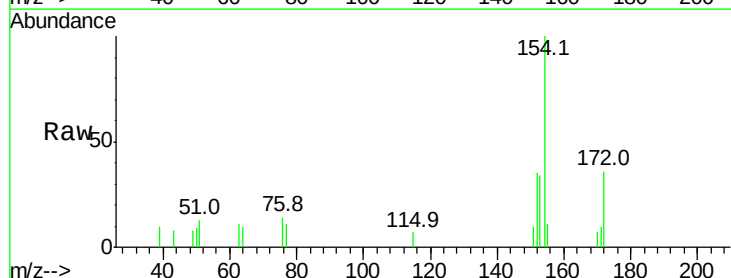
Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Tgt Ion:154 Resp: 4671

Ion	Ratio	Lower	Upper
154	100		
153	34.2	21.2	61.2
76	14.1	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

6000

5000

4000

3000

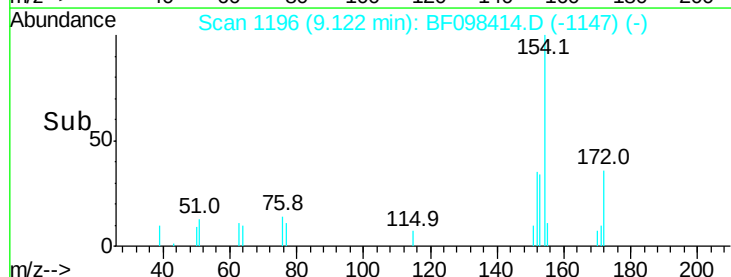
2000

1000

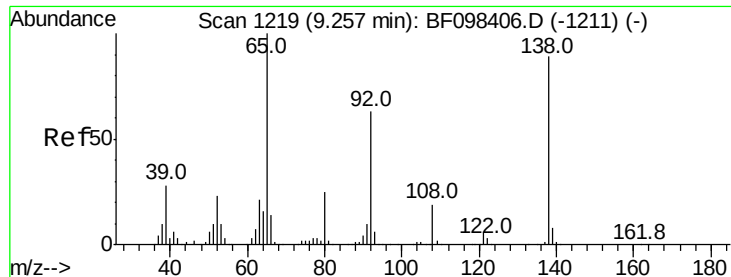
0

9.12

Time-->



Time-->



#47

2-Nitroaniline

Concen: 0.434 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.23 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

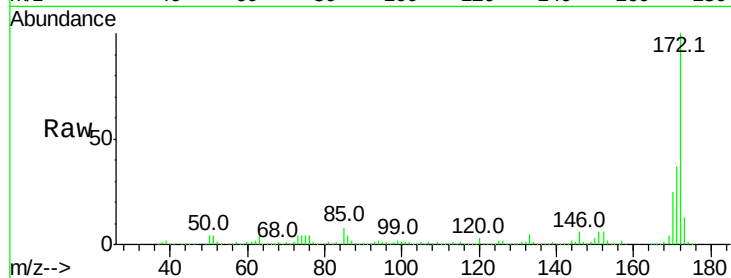
Tot Ion: 65 Resp: 4417

Ion Ratio Lower Upper

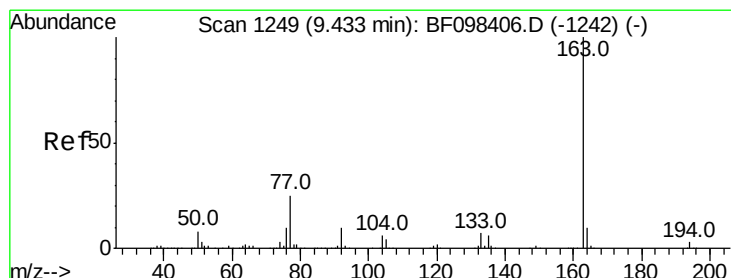
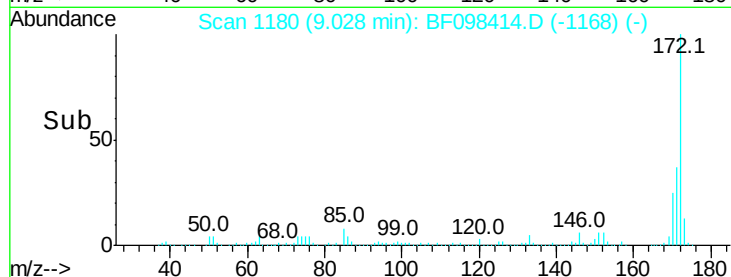
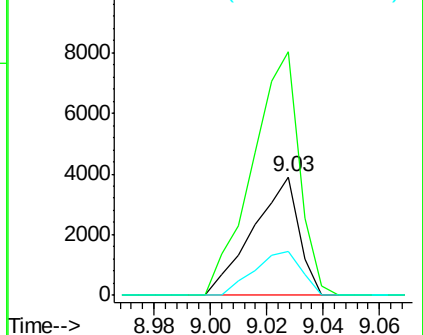
65 100

92 205.3 53.9 80.9#

138 36.8 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): BF0



#49

Dimethylphthalate

Concen: 3.561 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

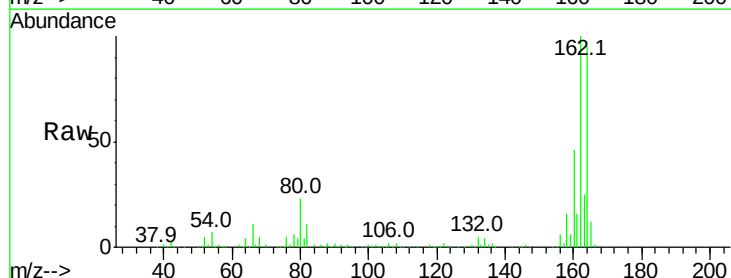
Tgt Ion:163 Resp: 114395

Ion Ratio Lower Upper

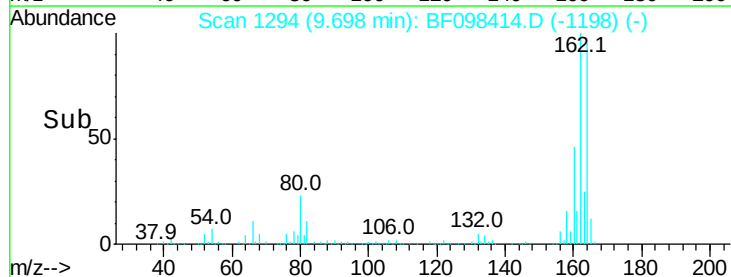
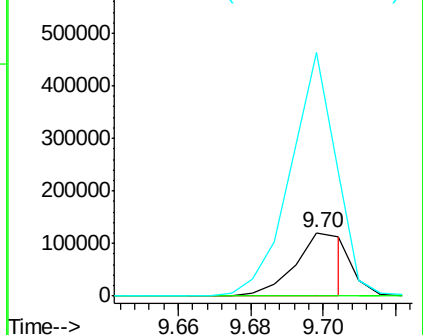
163 100

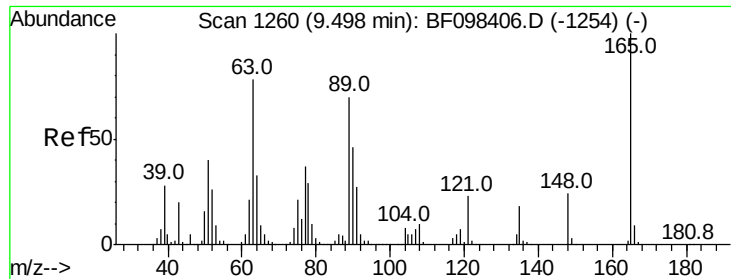
194 0.0 2.6 4.0#

164 382.8 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.952 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

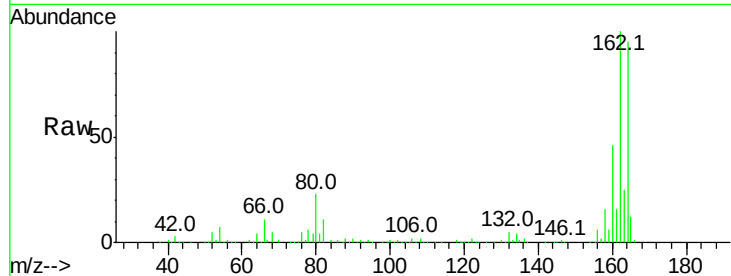
Tot Ion:165 Resp: 52478

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

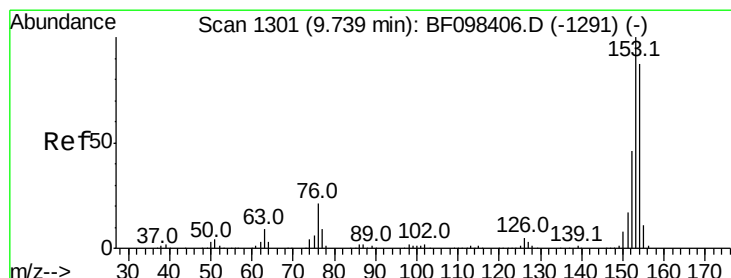
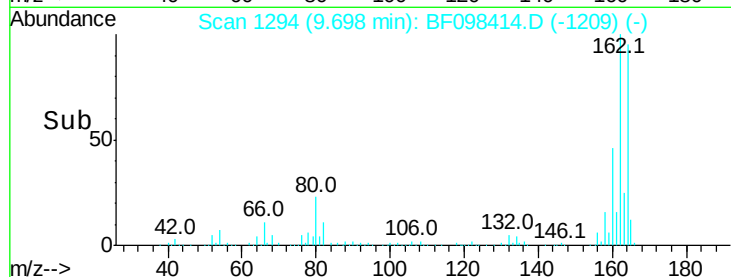
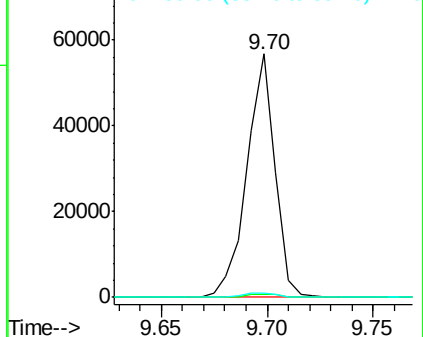
89 1.9 37.1 55.7#



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



#51

Acenaphthene

Concen: 0.066 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

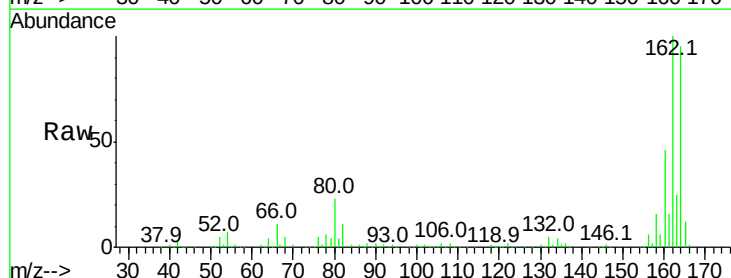
Tgt Ion:154 Resp: 1643

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

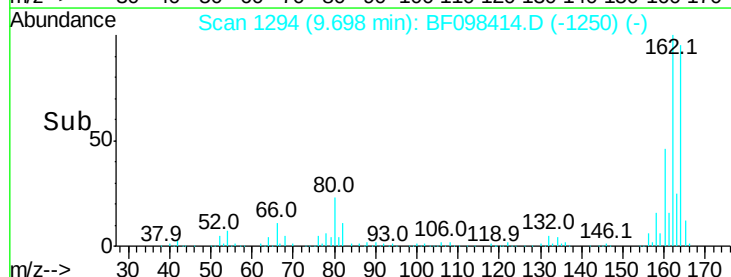
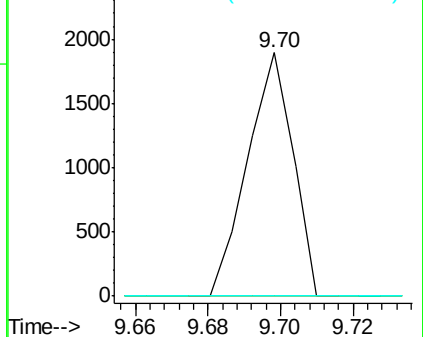
152 0.0 43.6 65.4#

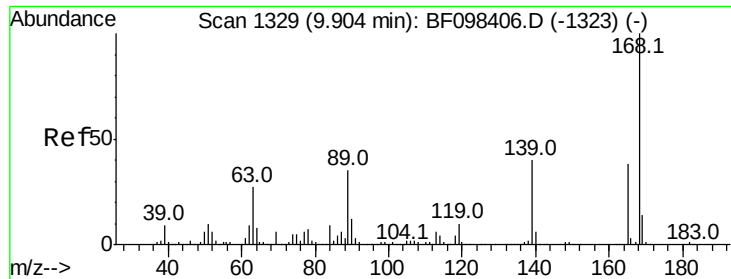


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 6.541 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

Tot Ion:165 Resp: 52478

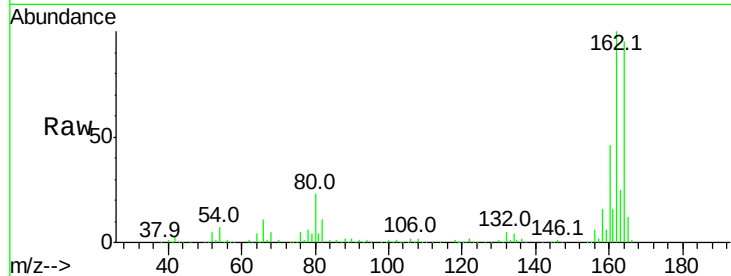
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

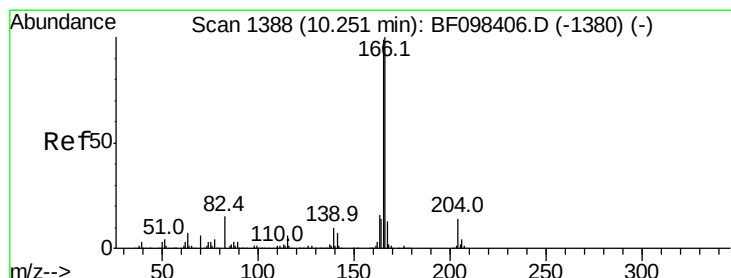
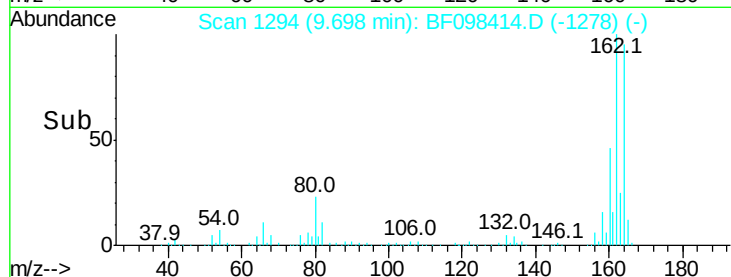
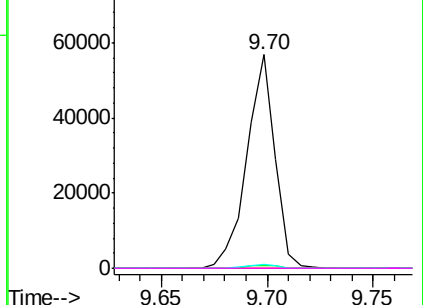


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 0.865 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.24 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

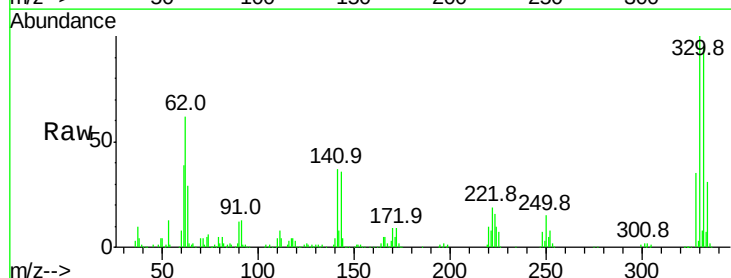
Tgt Ion:166 Resp: 23646

Ion Ratio Lower Upper

166 100

165 96.6 78.8 118.2

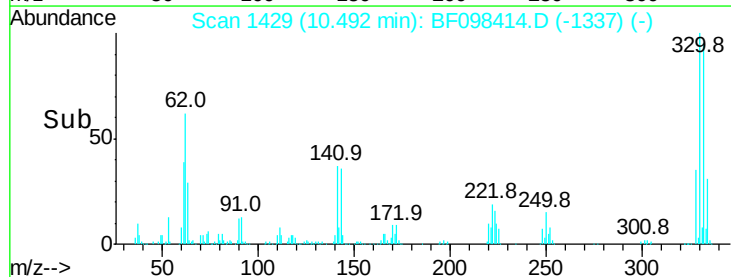
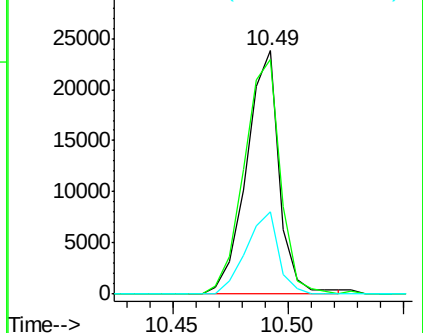
167 34.0 10.6 16.0#

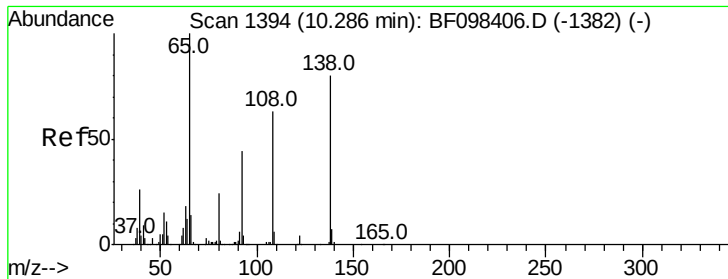


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

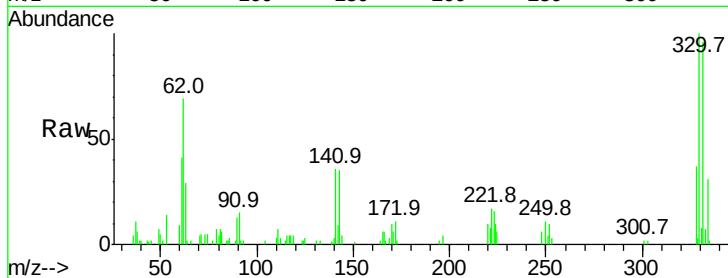




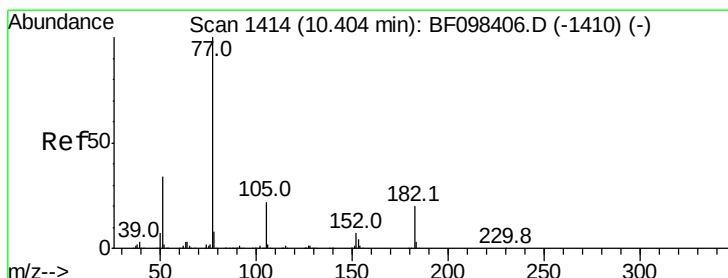
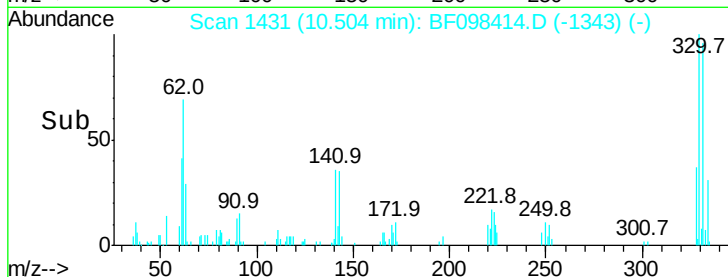
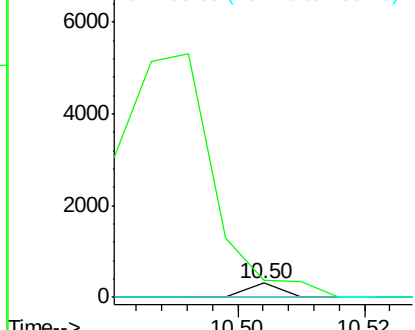
#61
4-Nitroaniline
Concen: 0.014 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.22 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Instrument :
BNA_F
ClientSampleId :
PB102184BL

Tot Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
92 114.9 21.8 61.8#
108 0.0 42.3 82.3#



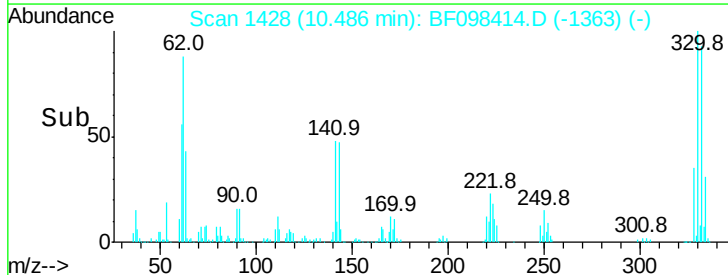
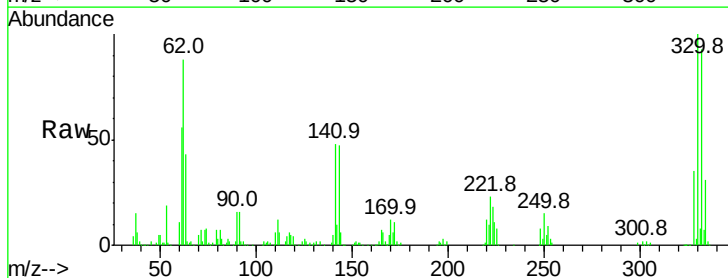
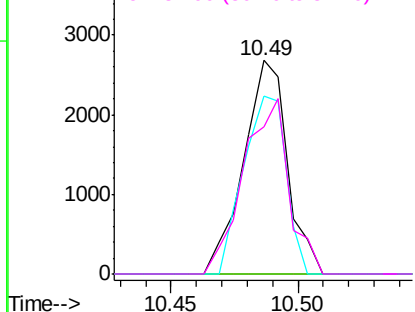
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

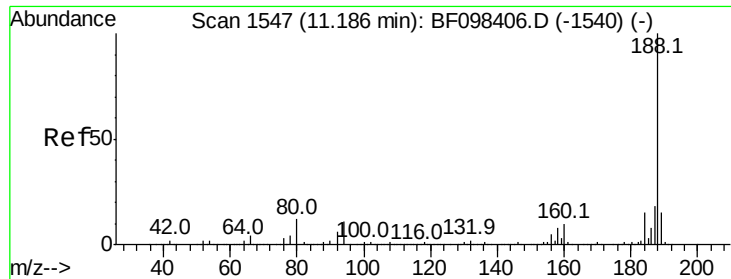


#62
Azobenzene
Concen: 0.099 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.08 min
Lab File: BF098414.D
Acq: 11 Sep 2017 20:53

Tgt Ion: 77 Resp: 3253
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 83.1 3.6 43.6#
51 68.9 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

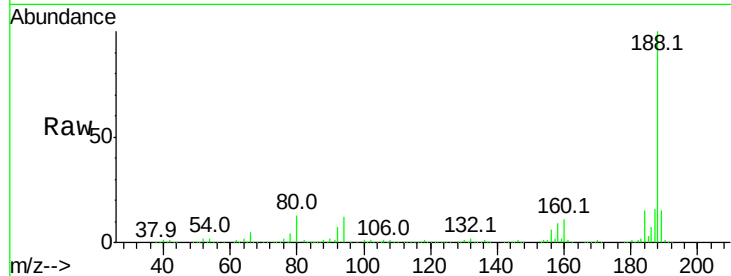




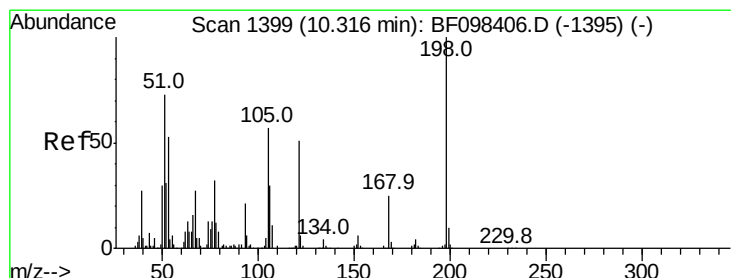
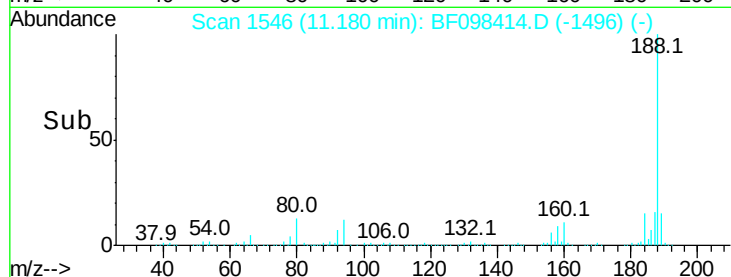
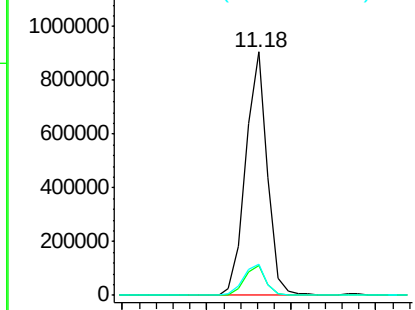
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BL

Tot Ion:188 Resp: 812450
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 12.6 10.2 15.2

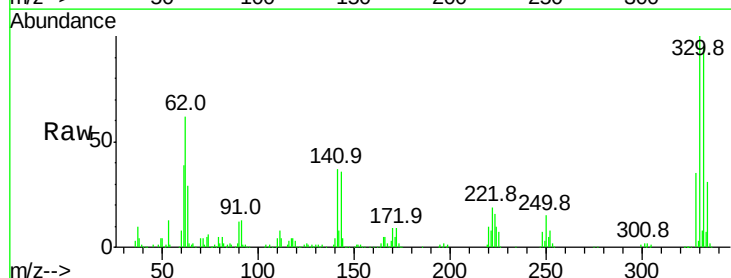


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

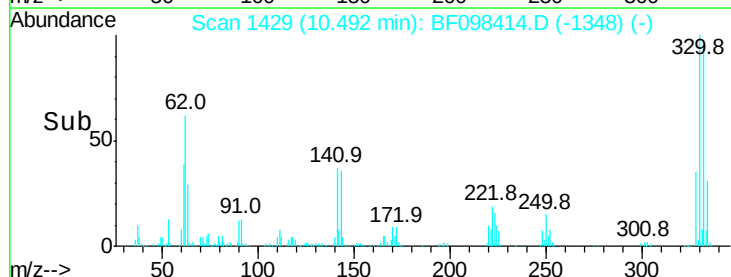
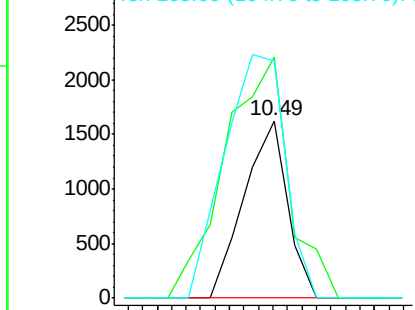


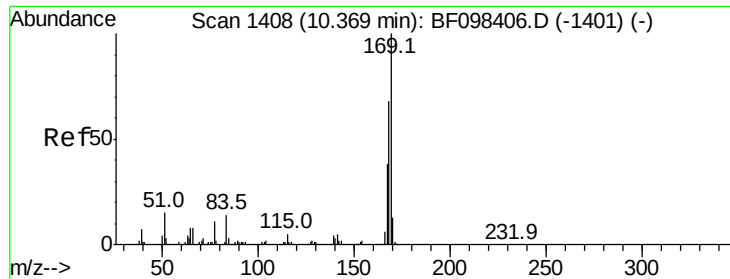
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.210 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.18 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

Tgt Ion:198 Resp: 1366
 Ion Ratio Lower Upper
 198 100
 51 135.7 53.2 93.2#
 105 133.2 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

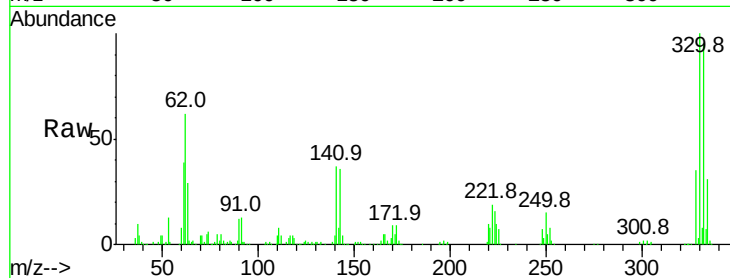




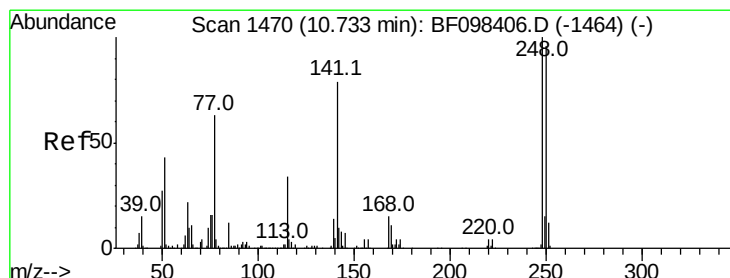
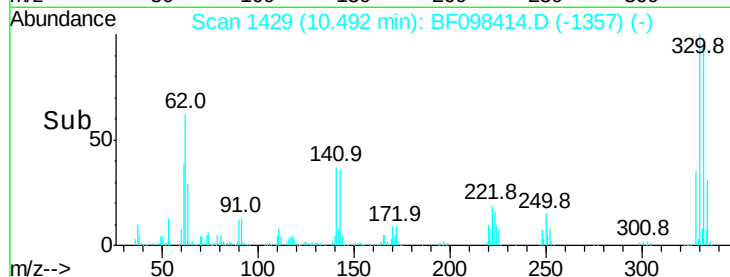
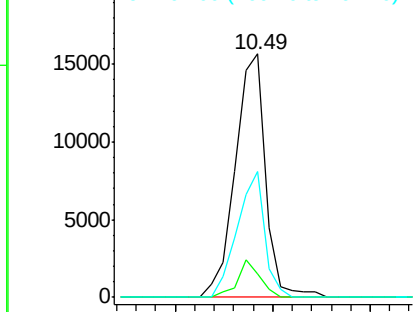
#65
 n-Nitrosodiphenylamine
 Concen: 0.640 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.12 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BL

Tot Ion:169 Resp: 16895
 Ion Ratio Lower Upper
 169 100
 168 9.9 53.2 79.8#
 167 51.7 29.5 44.3#

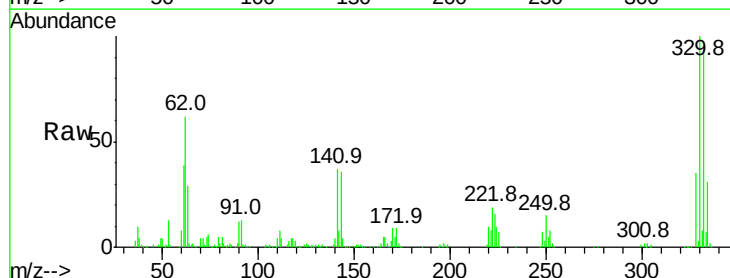


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

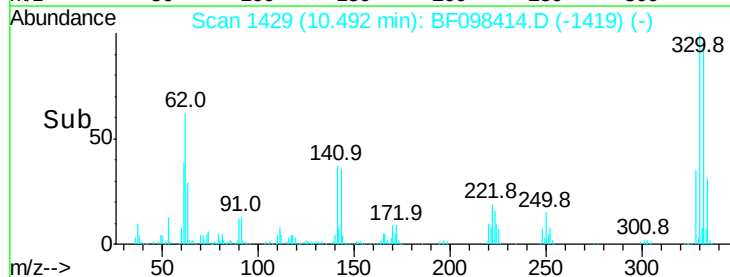
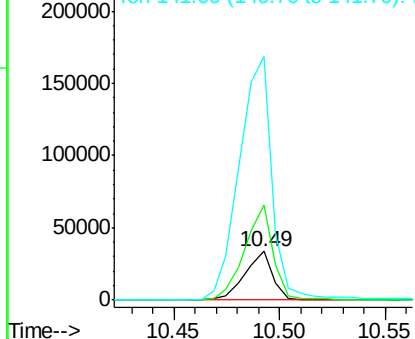


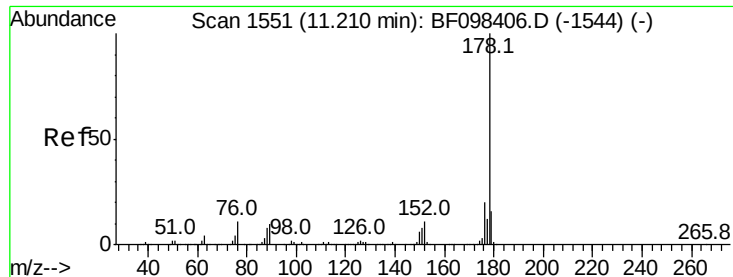
#66
 4-Bromophenyl-phenylether
 Concen: 4.015 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF098414.D
 Acq: 11 Sep 2017 20:53

Tgt Ion:248 Resp: 30962
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.8 115.2#
 141 501.3 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.007 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.03 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

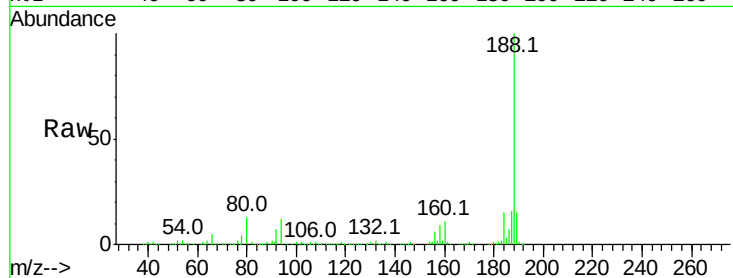
Tot Ion:178 Resp: 302

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

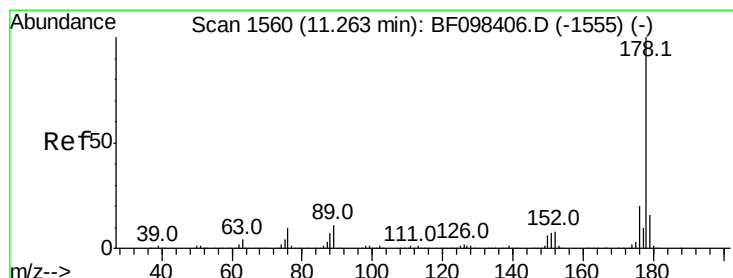
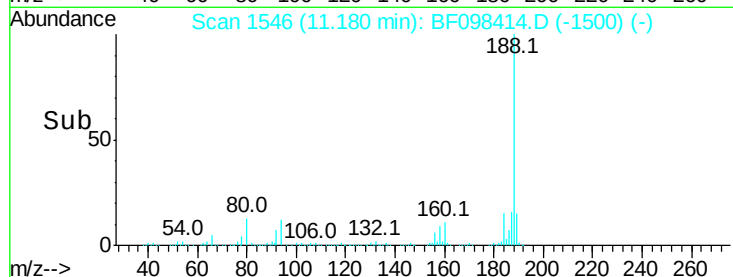
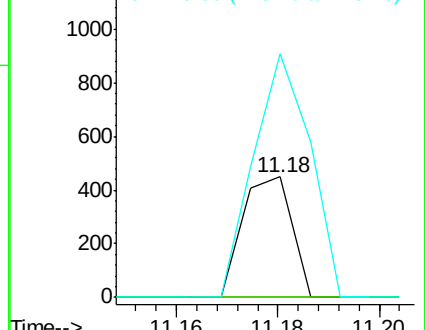
179 202.7 12.6 19.0#



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



#71

Anthracene

Concen: 0.007 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.08 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

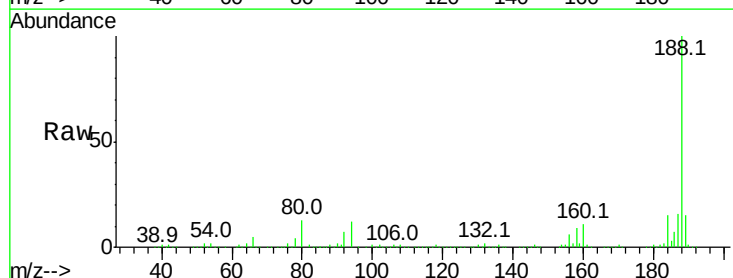
Tgt Ion:178 Resp: 302

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

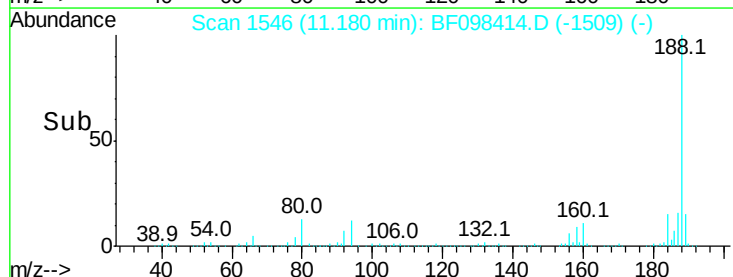
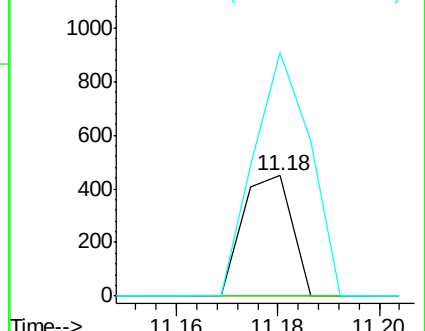
179 202.7 12.7 19.1#

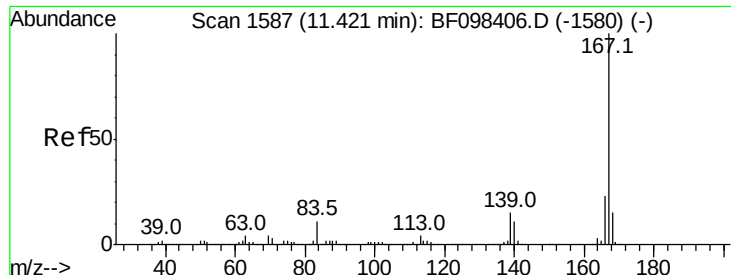


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.003 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.24 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

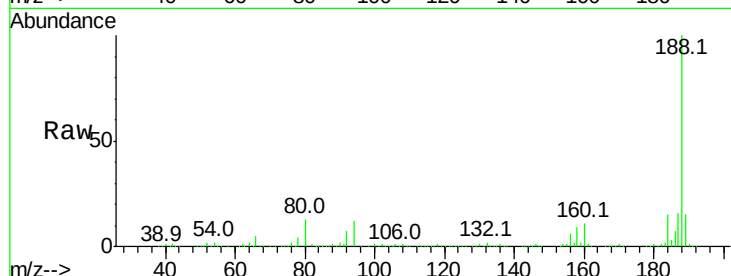
Tot Ion:167 Resp: 108

Ion Ratio Lower Upper

167 100

166 136.1 18.1 27.1#

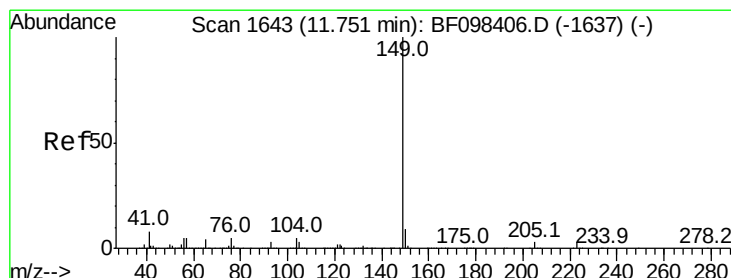
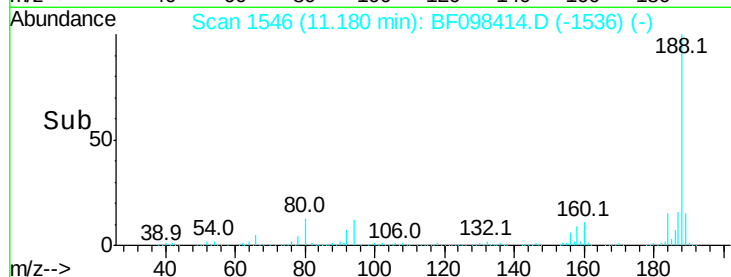
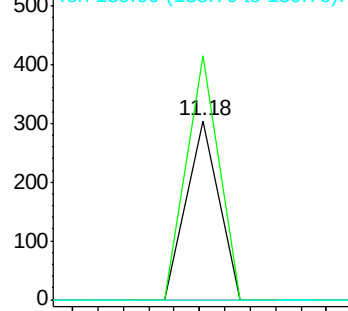
139 0.0 11.7 17.5#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.003 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

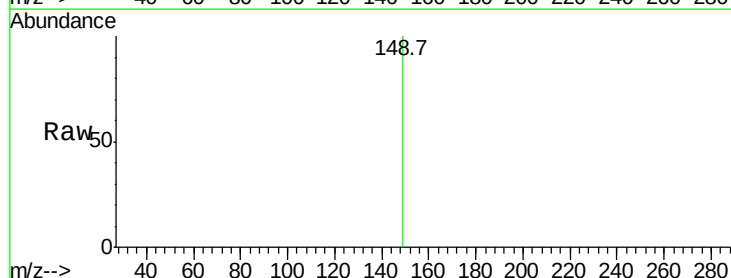
Tgt Ion:149 Resp: 124

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

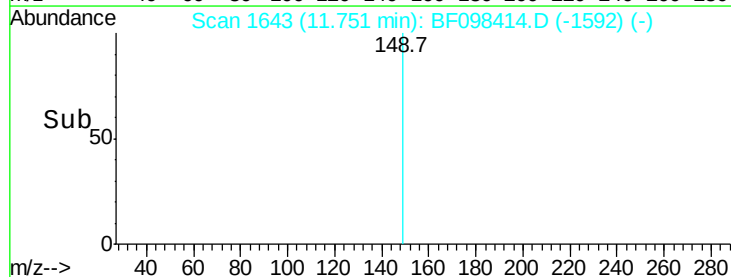
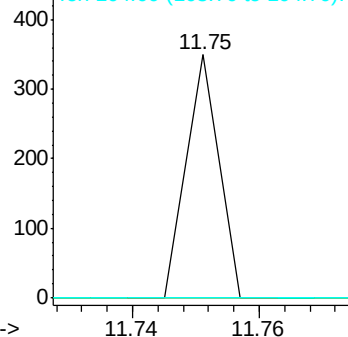
104 0.0 4.0 6.0#

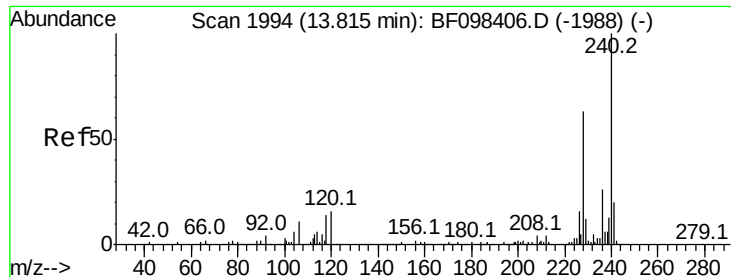


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

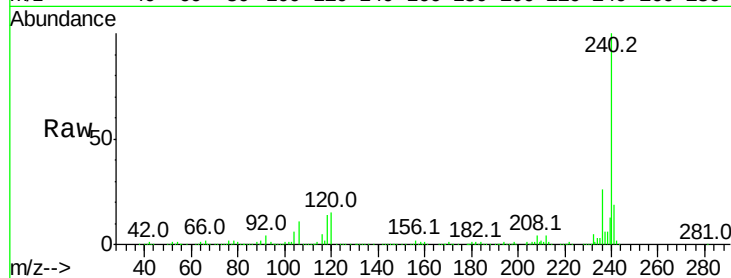
Tot Ion:240 Resp: 653836

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

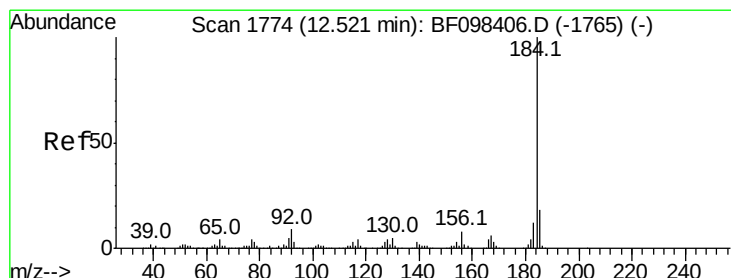
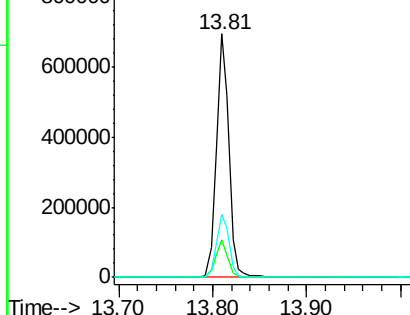
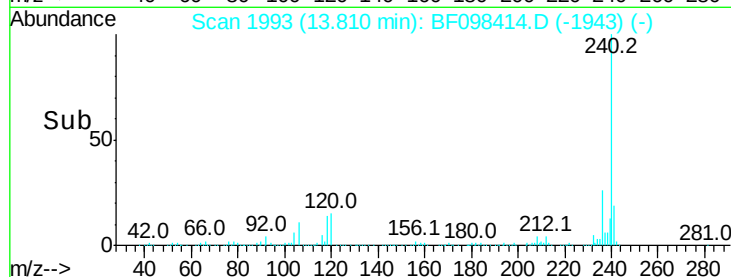
236 26.2 20.5 30.7



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



#76

Benzidine

Concen: 1.155 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.25 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

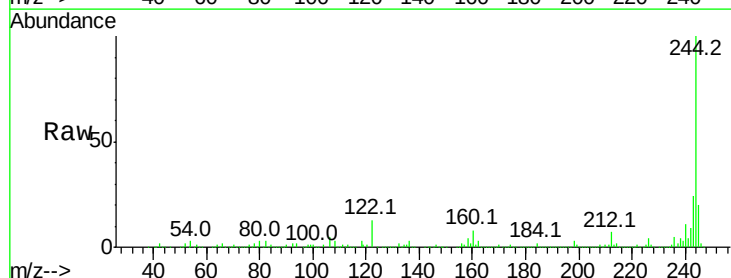
Tgt Ion:184 Resp: 33431

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

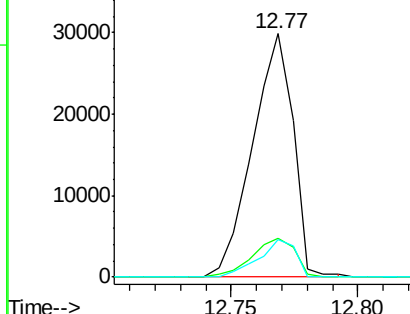
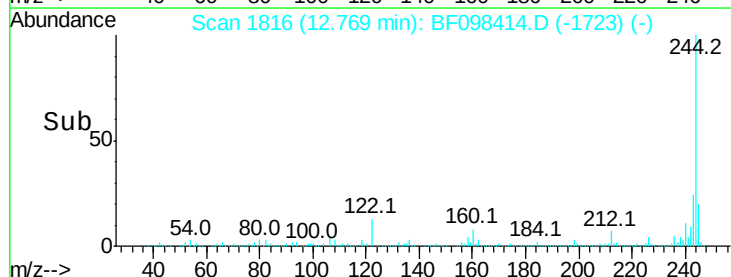
183 15.3 9.8 14.6#

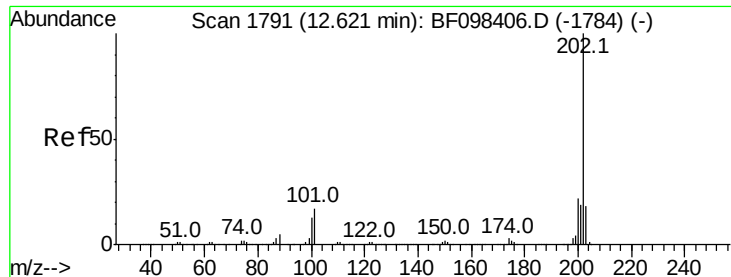


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.160 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.15 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

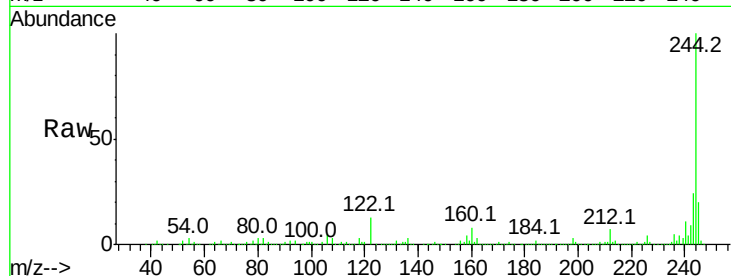
Tot Ion:202 Resp: 8254

Ion Ratio Lower Upper

202 100

200 47.5 17.6 26.4#

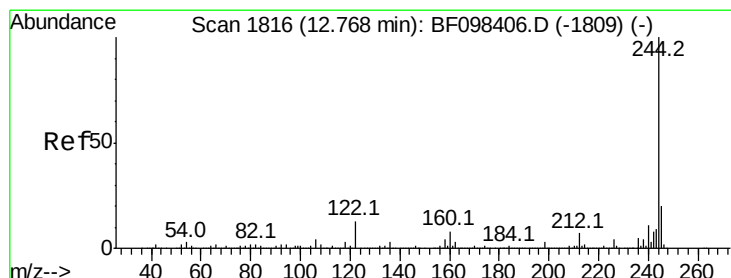
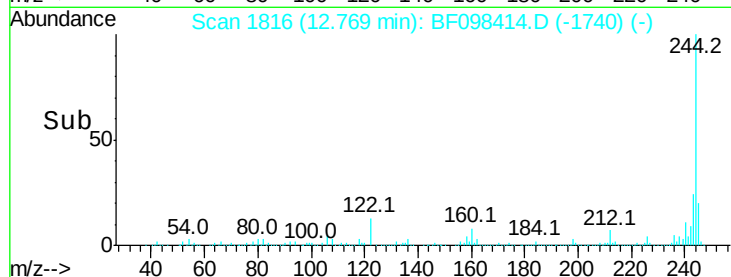
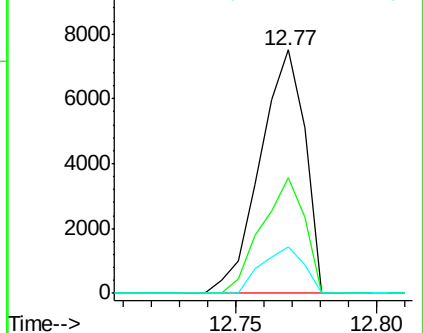
203 19.1 14.4 21.6



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: 73.208 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

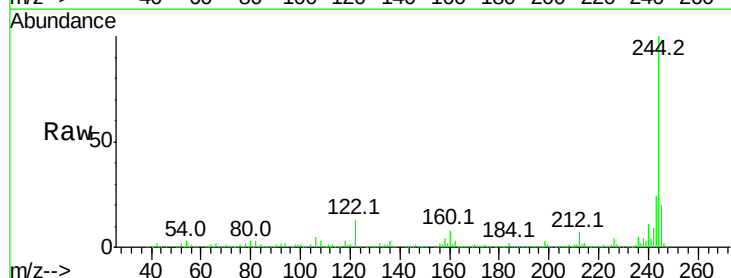
Tgt Ion:244 Resp: 2217605

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

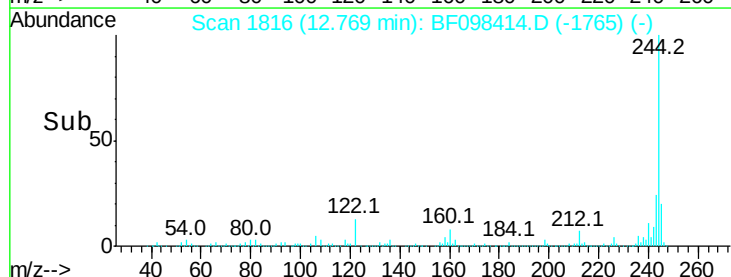
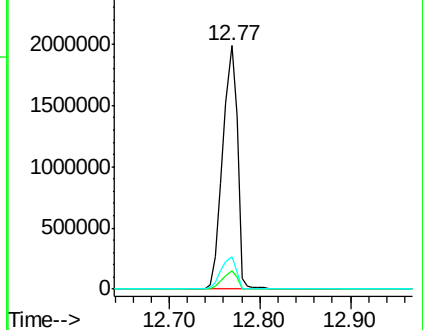
122 13.1 10.3 15.5

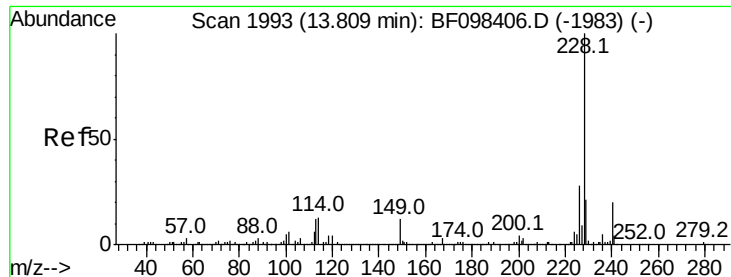


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.041 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

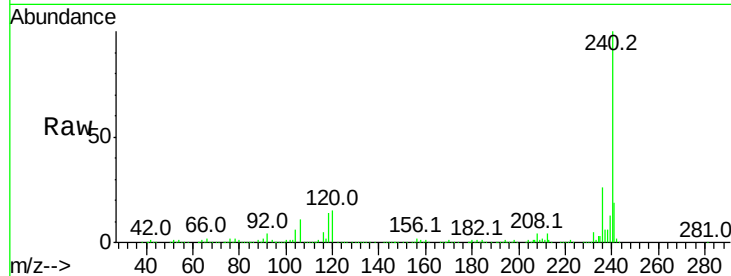
Tot Ion:228 Resp: 1567

Ion Ratio Lower Upper

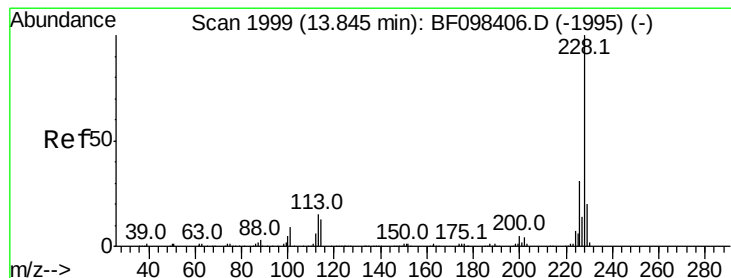
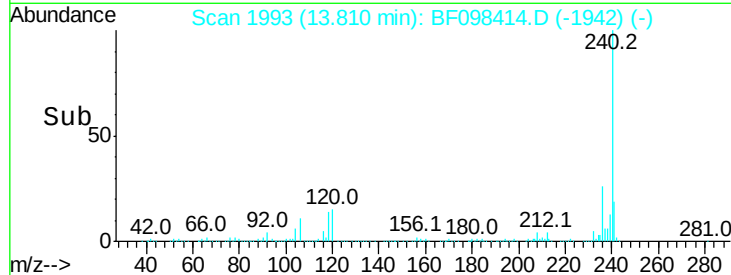
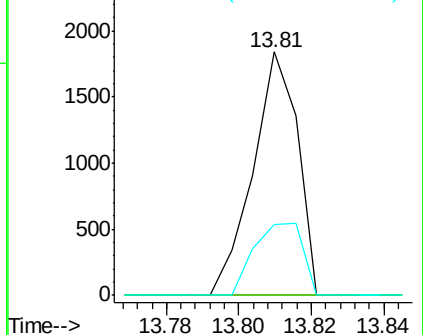
228 100

226 0.0 22.6 33.8#

229 29.2 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.040 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.04 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

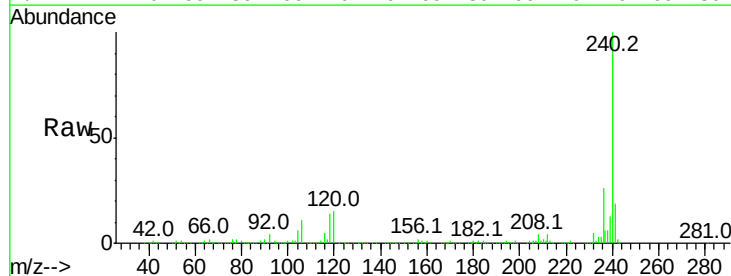
Tgt Ion:228 Resp: 1567

Ion Ratio Lower Upper

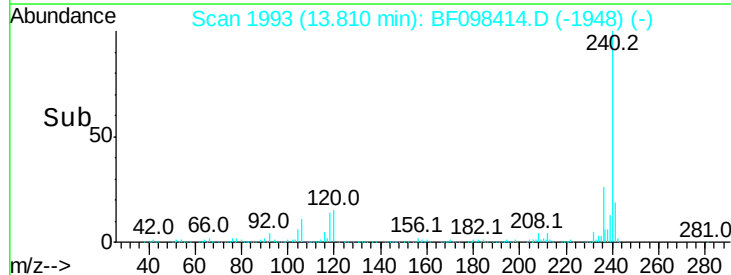
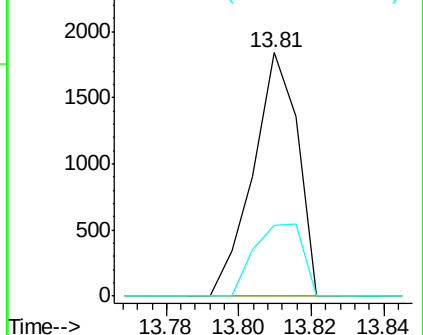
228 100

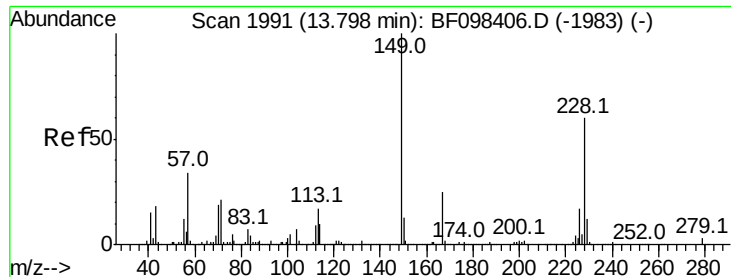
226 0.0 24.9 37.3#

229 29.2 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

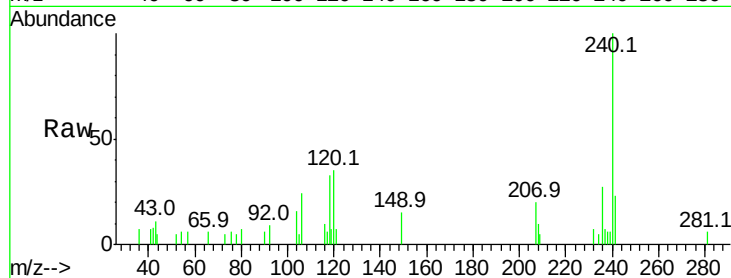
Tot Ion:149 Resp: 674

Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

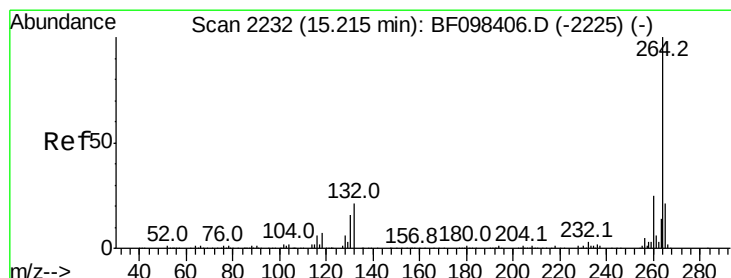
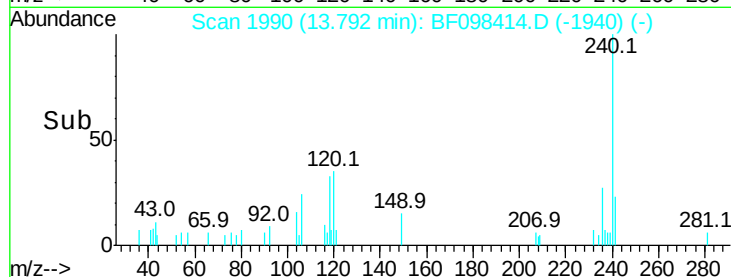
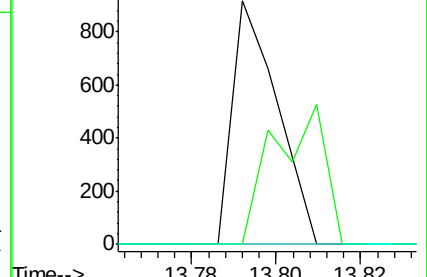
279 0.0 1.9 2.9#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

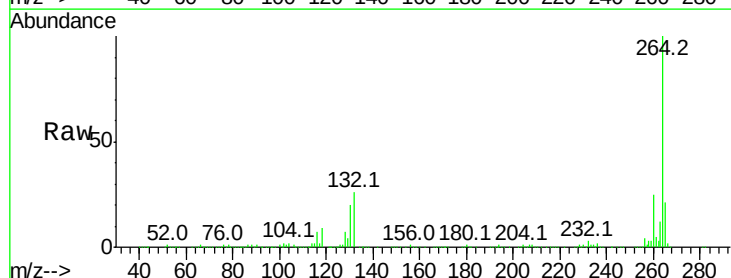
Tgt Ion:264 Resp: 568664

Ion Ratio Lower Upper

264 100

260 25.5 19.5 29.3

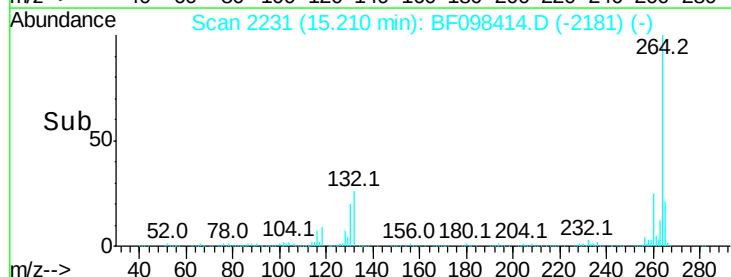
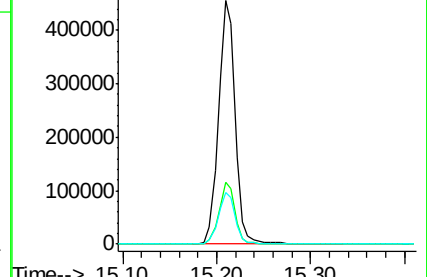
265 21.1 17.2 25.8

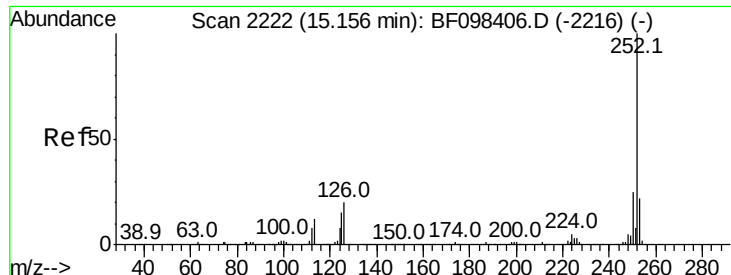


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.065 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.06 min

Lab File: BF098414.D

Acq: 11 Sep 2017 20:53

Instrument :

BNA_F

ClientSampleId :

PB102184BL

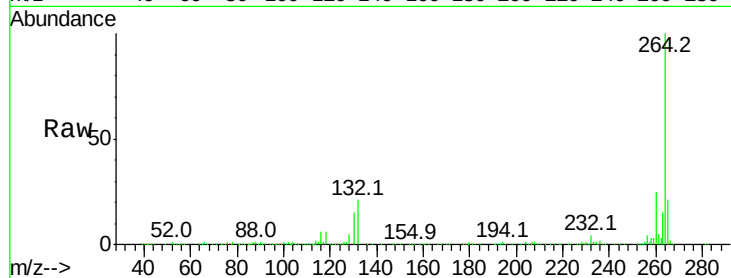
Tot Ion:252 Resp: 2072

Ion Ratio Lower Upper

252 100

253 33.0 17.5 26.3#

125 18.9 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

