

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096231.D
 Acq On : 27 Jun 2017 22:12
 Operator : SJ/MA
 Sample : I3851-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-26-0-1.5

Quant Time: Jun 28 05:18:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	224237	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	872761	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	307189	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	445104	20.00	ng	0.00
75) Chrysene-d12	13.92	240	397868	20.00	ng	0.00
86) Perylene-d12	15.34	264	282285	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	32271	2.07	ng	0.00
7) Phenol-d6	6.39	99	37878	2.01	ng	0.00
23) Nitrobenzene-d5	7.33	82	16404	1.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	3899	1.61	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	34435	2.05	ng	-0.02
78) Terphenyl-d14	12.87	244	20745	1.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	418	0.056	ng	# 19
3) Pyridine	3.25	79	107	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.14	42	600	0.060	ng	# 1
10) Phenol	6.41	94	285	0.014	ng	# 32
15) Benzyl Alcohol	6.91	79	277	0.022	ng	# 14
16) 2,2'-oxybis(1-Chloropropan	7.10	45	127	0.004	ng	# 70
19) n-Nitroso-di-n-propylamine	7.19	70	330	0.029	ng	# 78
22) Acetophenone	7.17	105	287	0.016	ng	# 46
24) Nitrobenzene	7.39	77	131	0.009	ng	# 39
25) Isophorone	7.33	82	16404	0.573	ng	# 67
27) 2,4-Dimethylphenol	7.73	122	1806	0.140	ng	# 5
28) bis(2-Chloroethoxy)methane	8.06	93	106	0.005	ng	# 1
31) Naphthalene	8.09	128	358	0.009	ng	# 68
36) 4-Chloro-3-methylphenol	8.71	107	110	0.009	ng	# 14
37) 2-Methylnaphthalene	8.77	142	134	0.005	ng	# 15
48) Acenaphthylene	9.67	152	1408	0.043	ng	# 80
49) Dimethylphthalate	9.53	163	4759	0.216	ng	# 97
51) Acenaphthene	9.82	154	1127	0.059	ng	# 4
52) 3-Nitroaniline	9.85	138	108	0.018	ng	# 1
55) 4-Nitrophenol	9.93	139	110	0.023	ng	# 1
57) Fluorene	10.36	166	277	0.016	ng	# 9
59) Diethylphthalate	10.23	149	3119	0.141	ng	# 86
61) 4-Nitroaniline	10.21	138	108	0.021	ng	# 25
62) Azobenzene	10.53	77	127	0.006	ng	# 1
65) n-Nitrosodiphenylamine	10.47	169	581	0.036	ng	# 24
66) 4-Bromophenyl-phenylether	10.59	248	144	0.031	ng	# 1
71) Anthracene	11.39	178	117	0.005	ng	# 1
72) Carbazole	11.51	167	1215	0.044	ng	# 1
73) Di-n-butylphthalate	11.86	149	1586	0.055	ng	# 77
74) Fluoranthene	12.50	202	3599	0.146	ng	# 80
76) Benzdine	12.63	184	106	0.007	ng	# 1
77) Pvrene	12.73	202	4051	0.124	ng	# 85
79) Butylbenzylphthalate	13.53	149	526	0.035	ng	# 96
80) Benzo(a)anthracene	13.92	228	3912	0.161	ng	# 71

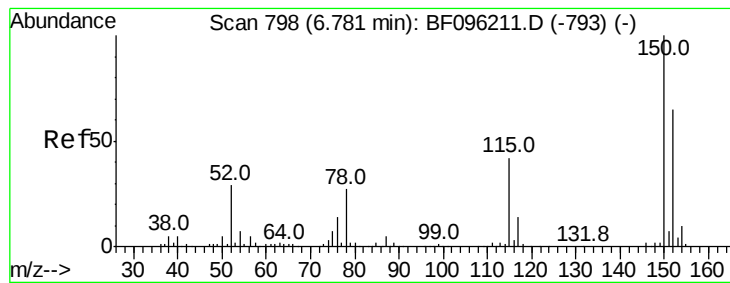
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	13.89	252	416	0.045	nq	# 1
82) Chrysene	13.97	228	232	0.009	nq	# 1
83) Bis(2-ethylhexyl)phthalate	13.92	149	4707	0.289	nq	# 34
84) Di-n-octyl phthalate	14.53	149	1902	0.057	nq	# 75
85) Indeno(1,2,3-cd)pyrene	16.72	276	1333	0.064	nq	# 66
87) Benzo(b)fluoranthene	14.94	252	4547	0.245	nq	# 1
88) Benzo(k)fluoranthene	14.94	252	4547	0.269	nq	# 1
89) Benzo(a)pyrene	15.29	252	1459	0.089	nq	# 1
90) Dibenzo(a,h)anthracene	16.74	278	1546	0.121	nq	# 1
91) Benzo(a,h,i)perylene	17.16	276	3259	0.244	nq	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

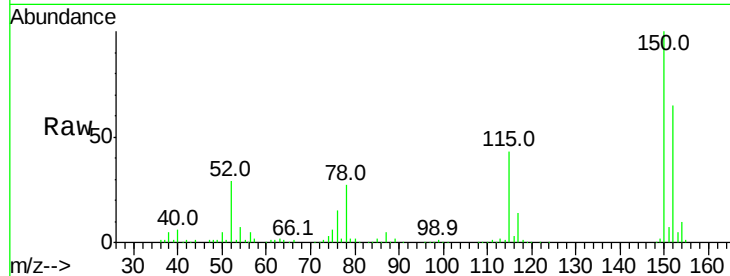
Tot Ion:152 Resp: 224237

Ion Ratio Lower Upper

152 100

150 154.0 126.2 189.2

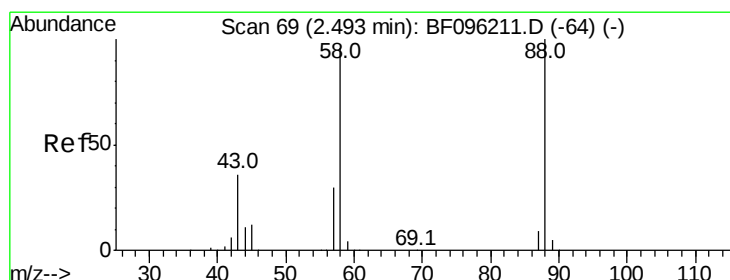
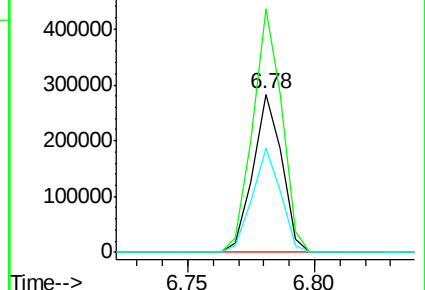
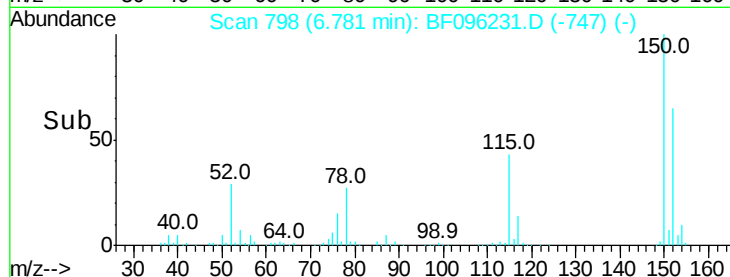
115 65.6 52.2 78.2



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: 0.056 ng

RT: 2.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

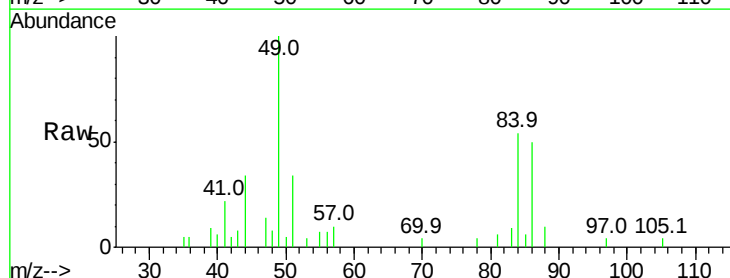
Tgt Ion: 88 Resp: 418

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

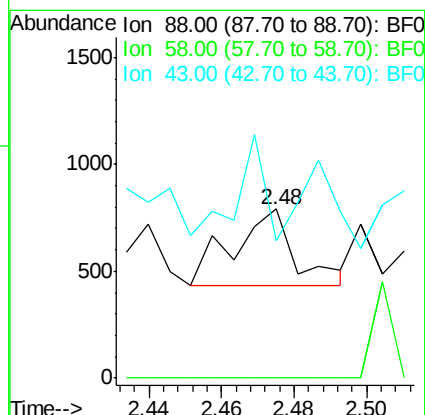
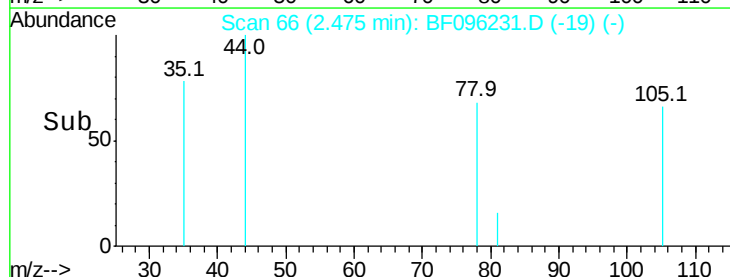
43 62.2 23.4 35.0#

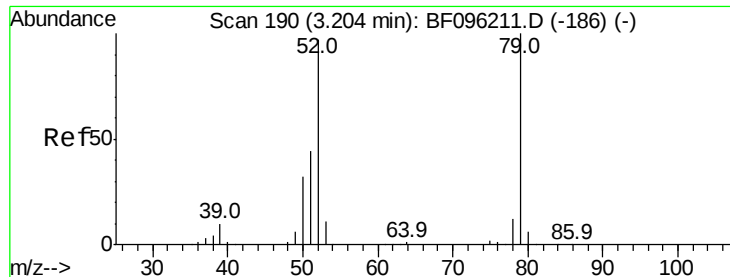


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.005 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

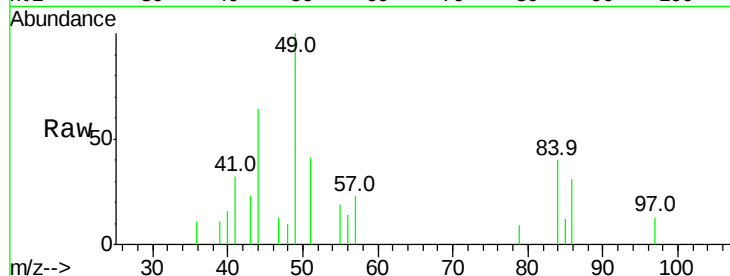
Tot Ion: 79 Resp: 107

Ion Ratio Lower Upper

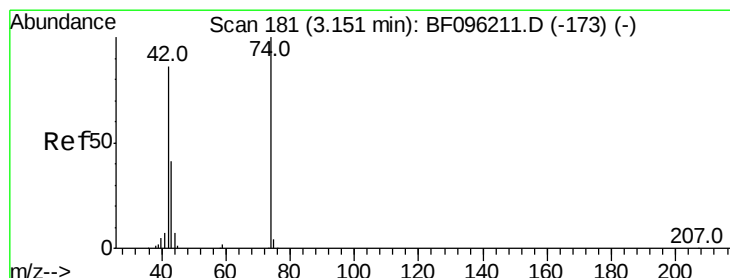
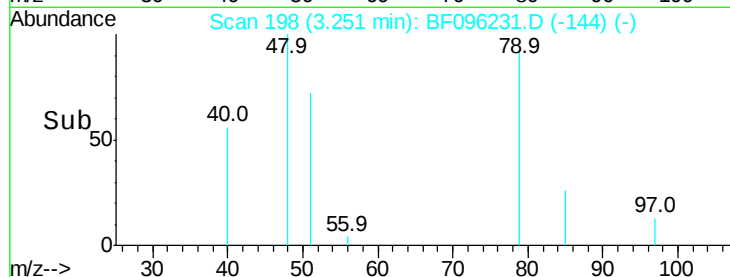
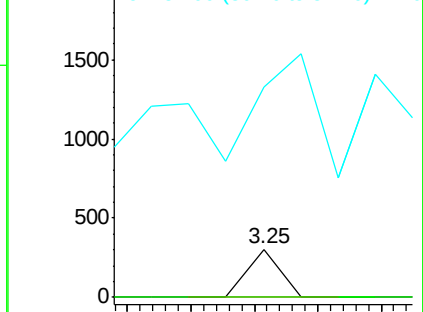
79 100

52 0.0 54.8 82.2#

51 440.7 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: 0.060 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

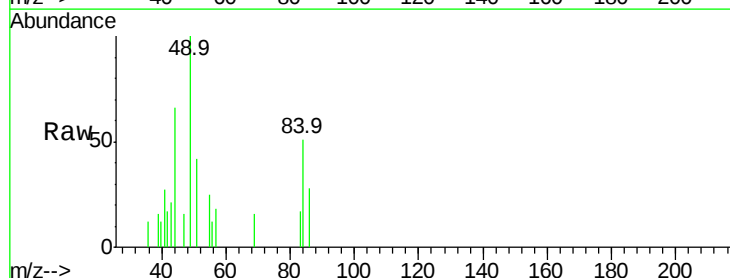
Tgt Ion: 42 Resp: 600

Ion Ratio Lower Upper

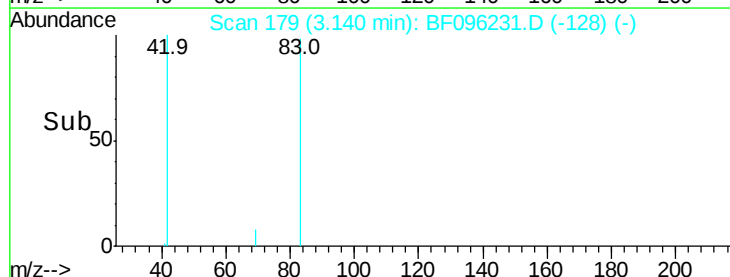
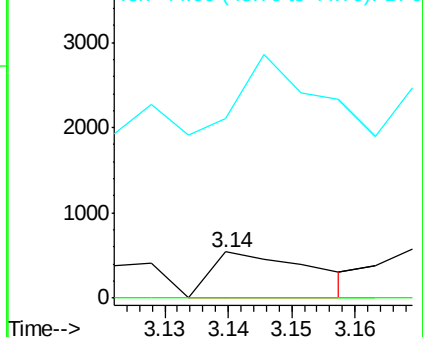
42 100

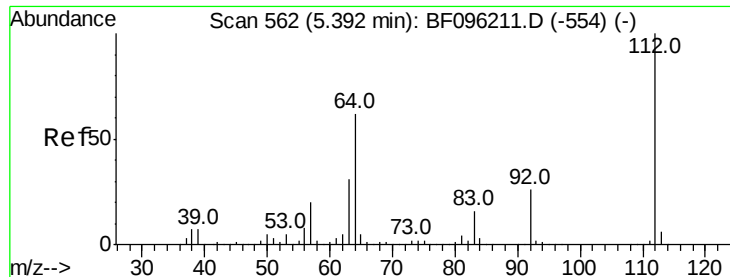
74 0.0 103.9 155.9#

44 389.9 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: 2.073 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

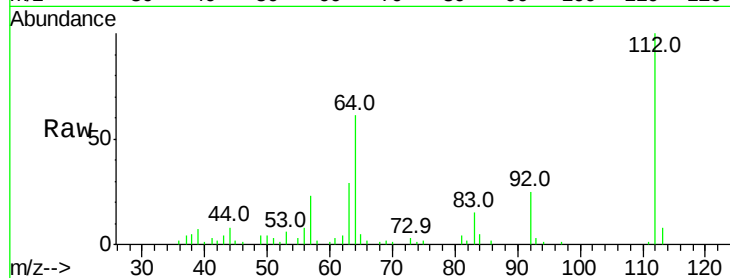
Tot Ion:112 Resp: 32271

Ion Ratio Lower Upper

112 100

64 60.8 46.0 69.0

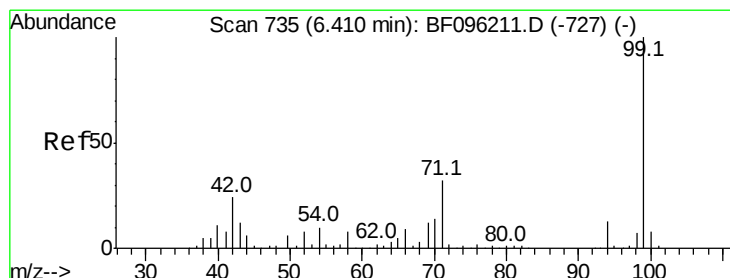
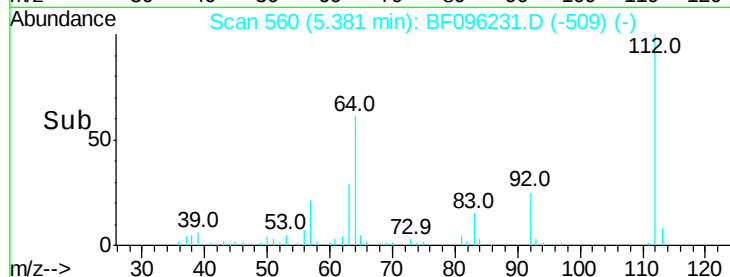
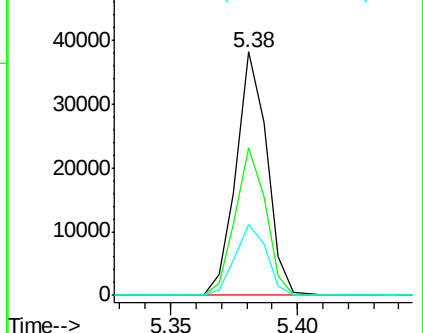
63 28.9 23.4 35.0



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: 2.010 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

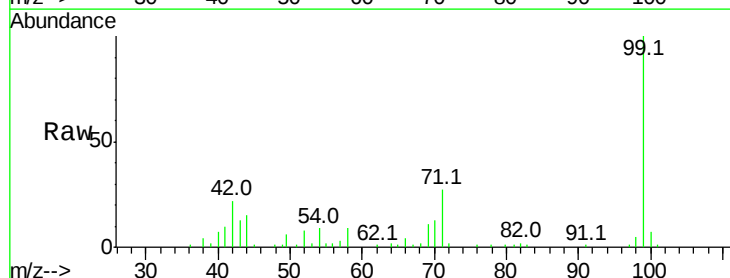
Tgt Ion: 99 Resp: 37878

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

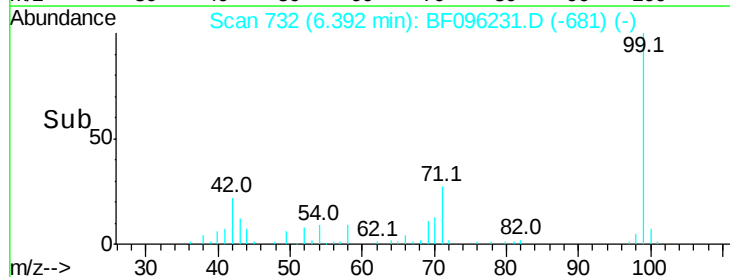
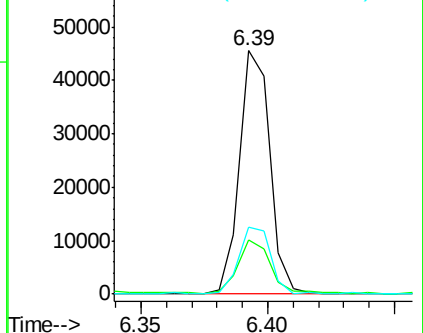
71 27.4 24.5 36.7

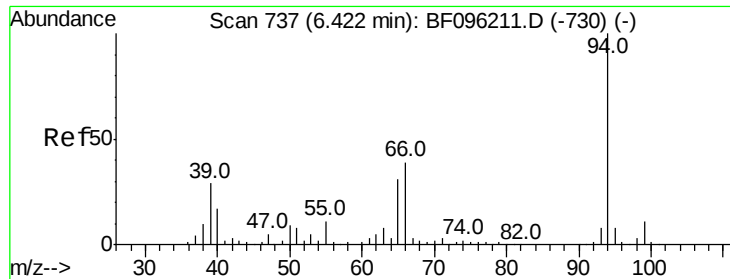


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 0.014 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

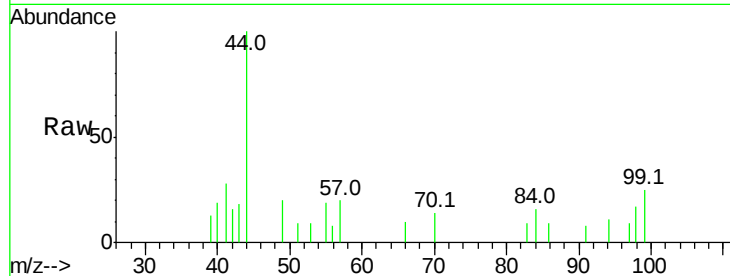
Tot Ion: 94 Resp: 285

Ion Ratio Lower Upper

94 100

65 0.0 9.9 49.9#

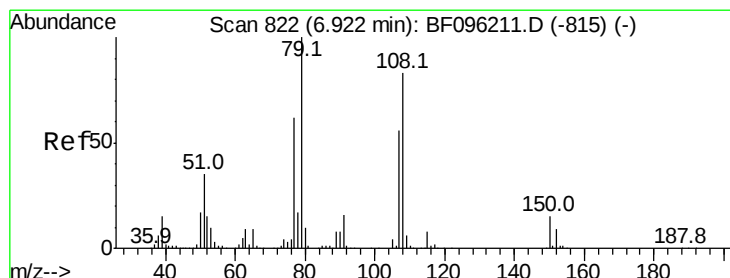
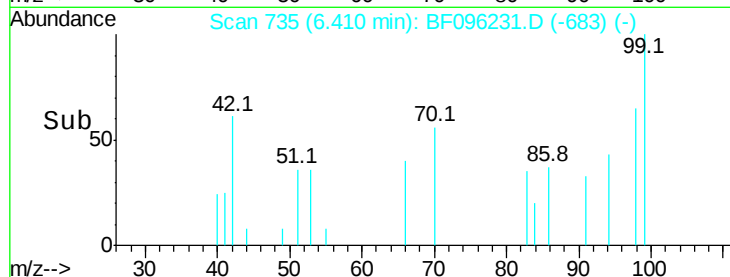
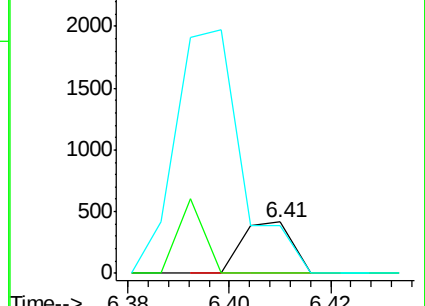
66 92.3 23.1 63.1#



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: 0.022 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

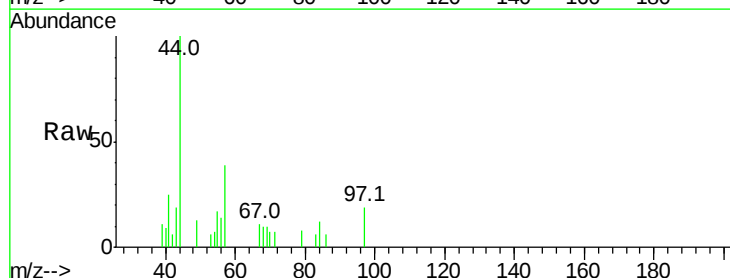
Tgt Ion: 79 Resp: 277

Ion Ratio Lower Upper

79 100

108 0.0 63.4 95.0#

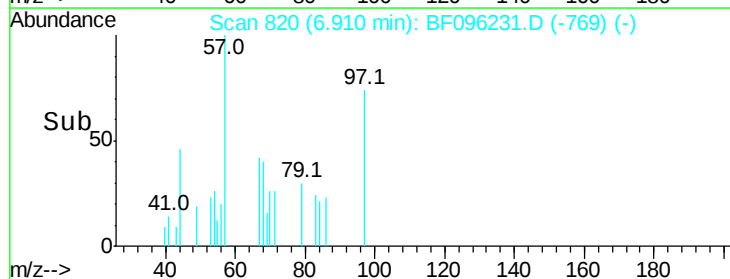
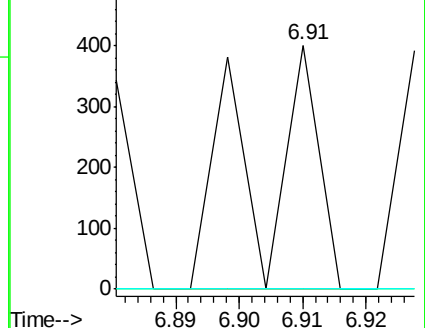
77 0.0 49.2 73.8#

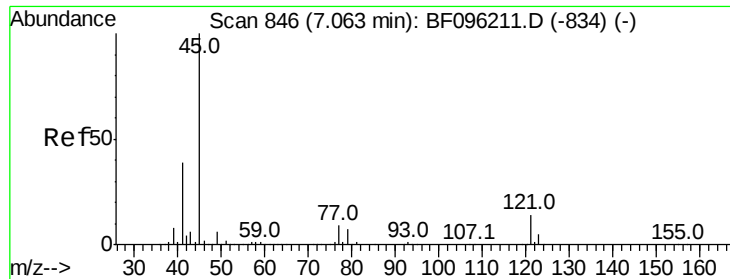


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

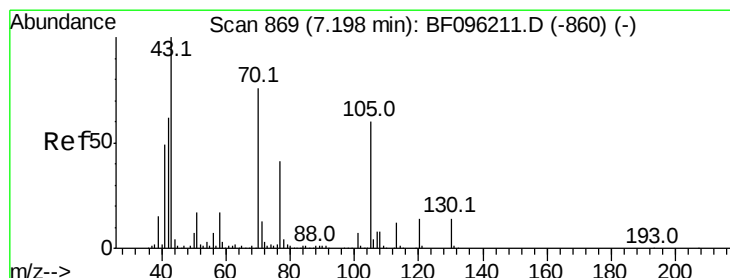
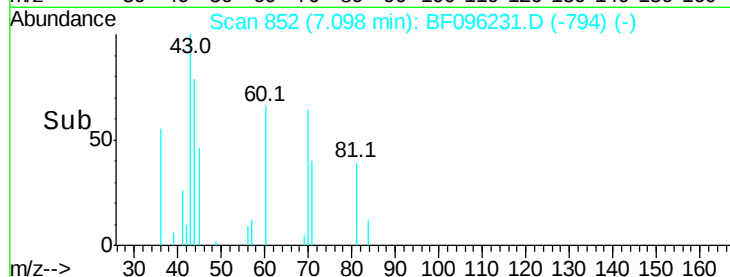
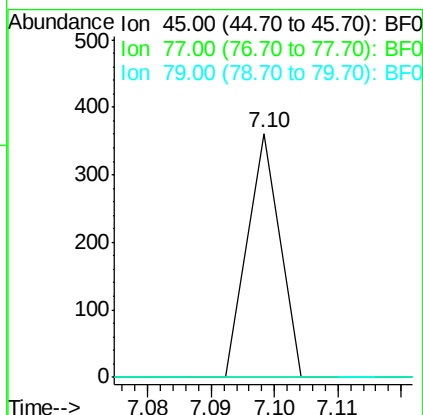
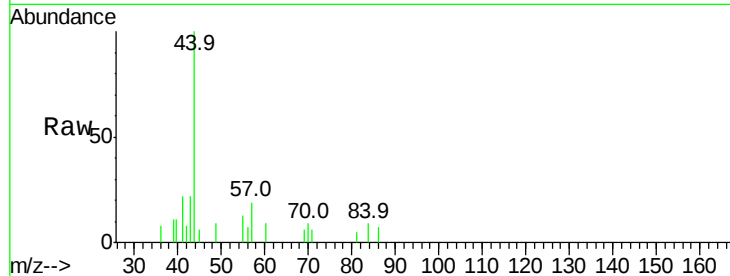




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.04 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

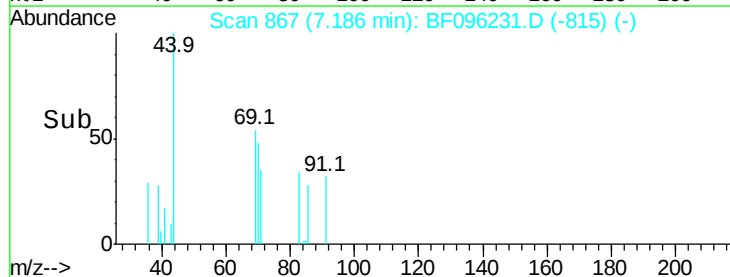
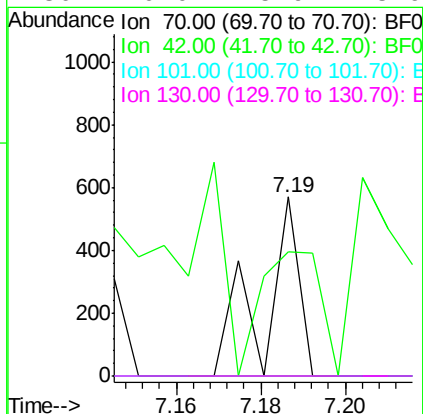
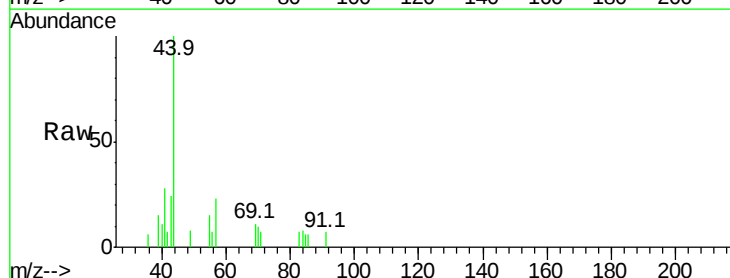
Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

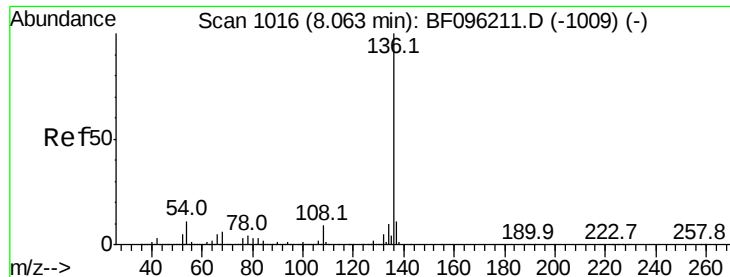
Tot Ion: 45 Resp: 127
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#19
n-Nitroso-di-n-propylamine
Concen: 0.029 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion: 70 Resp: 330
Ion Ratio Lower Upper
70 100
42 69.5 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

Tot Ion:136 Resp: 872761

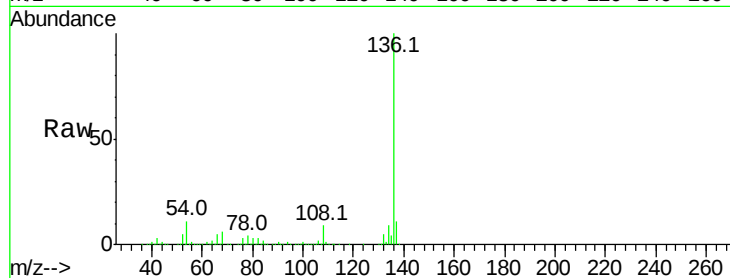
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 11.0 4.9 7.3#

68 6.4 4.1 6.1#

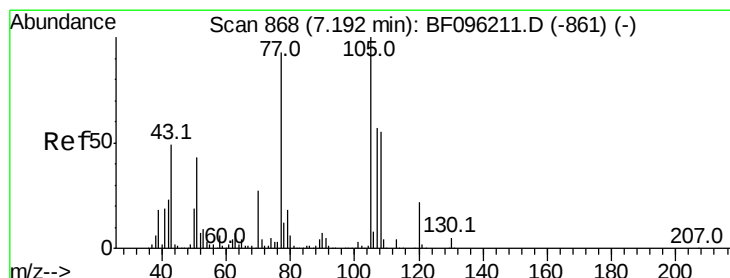
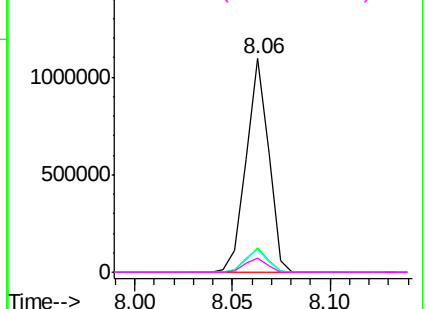
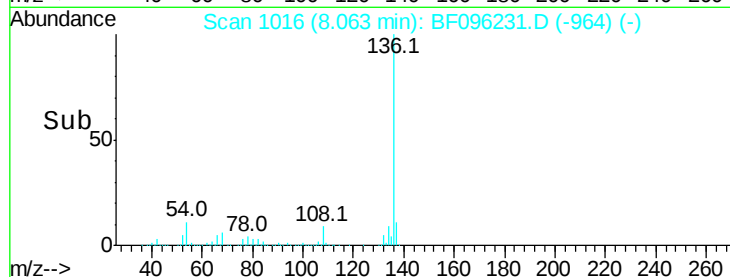


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.016 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Tgt Ion:105 Resp: 287

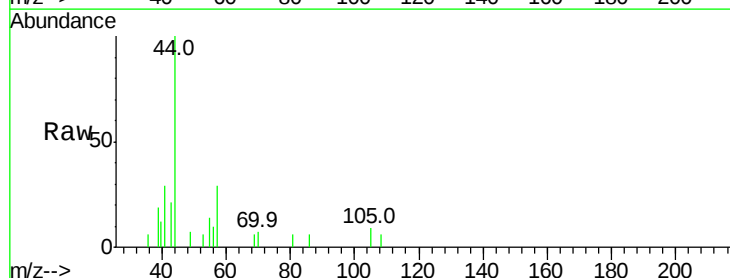
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#

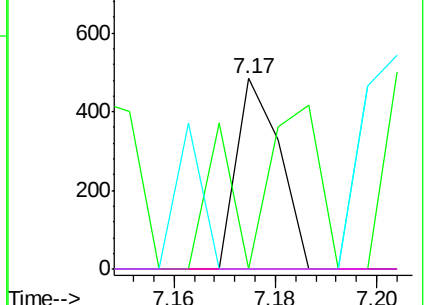
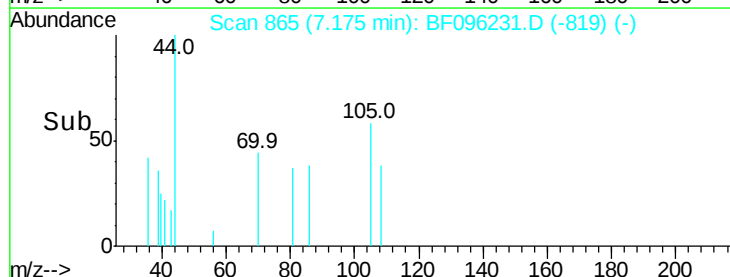


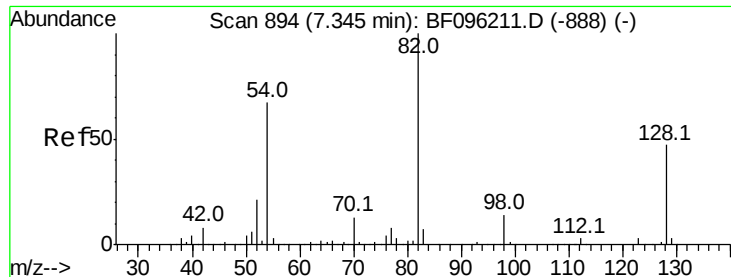
Abundance Ion 105.00 (104.70 to 105.70): E

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: 1.301 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

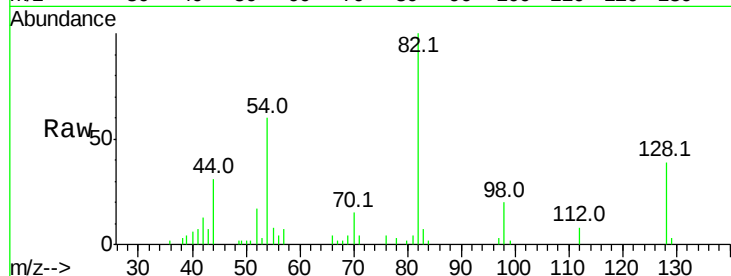
Tot Ion: 82 Resp: 16404

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

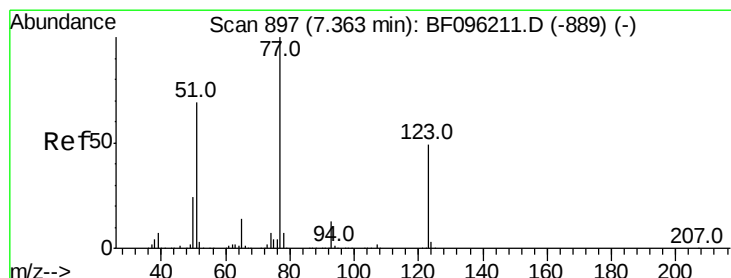
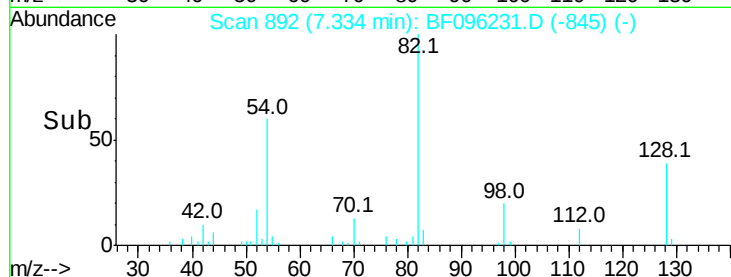
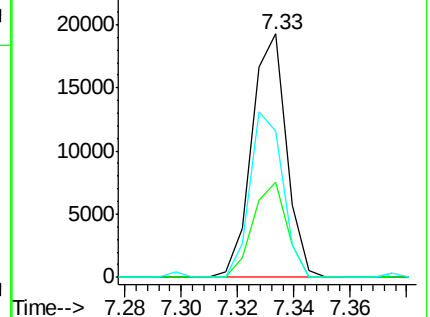
54 60.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.009 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.04 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

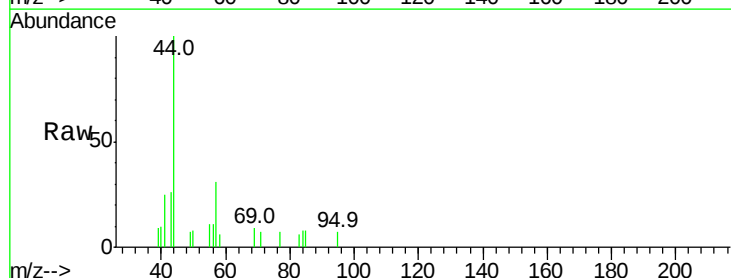
Tgt Ion: 77 Resp: 131

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

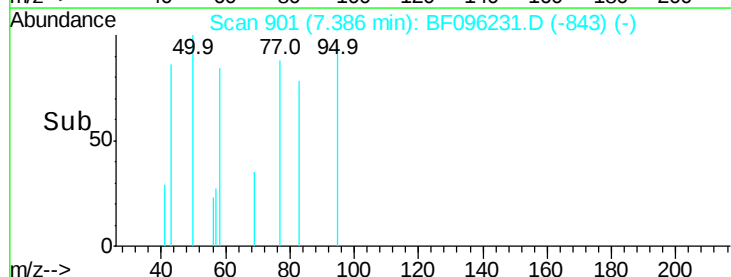
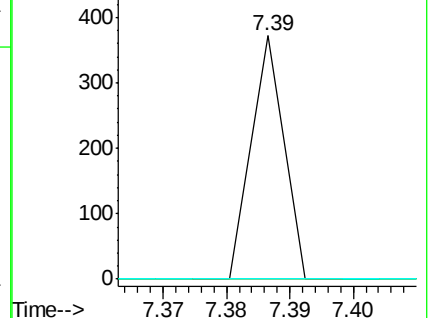
65 0.0 10.6 15.8#

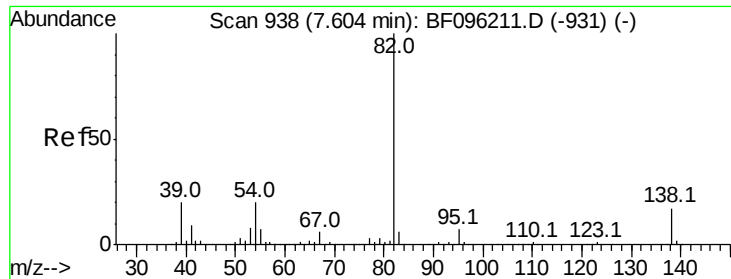


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 0.573 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

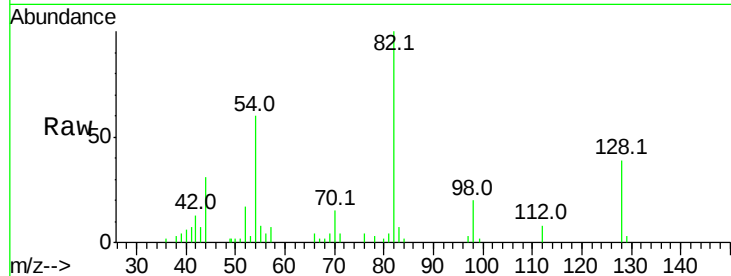
Tot Ion: 82 Resp: 16404

Ion Ratio Lower Upper

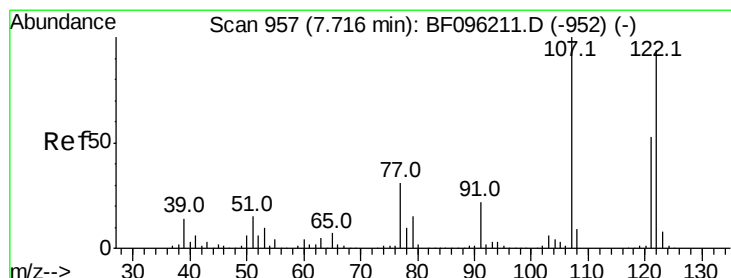
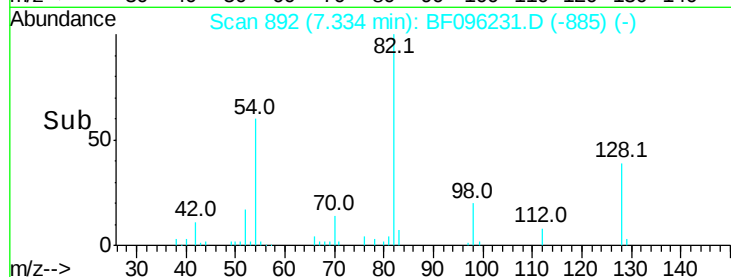
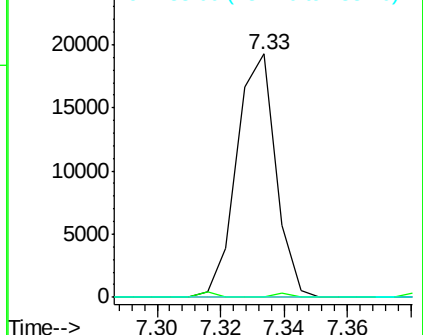
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 0.140 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

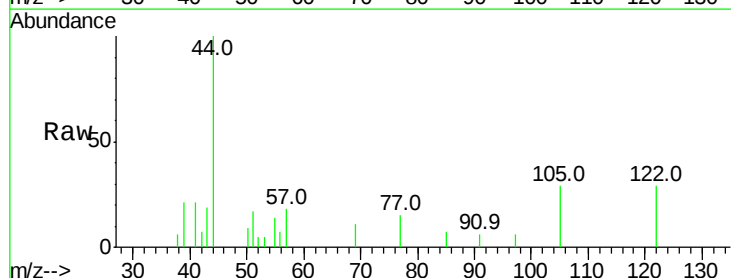
Tgt Ion:122 Resp: 1806

Ion Ratio Lower Upper

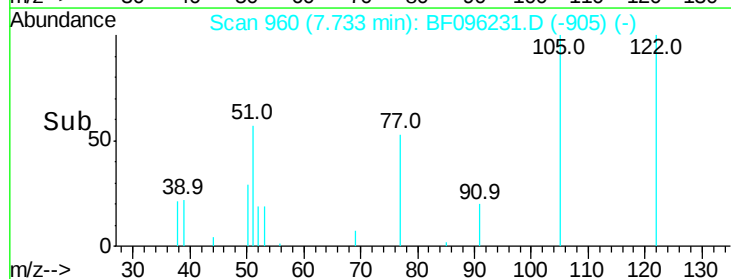
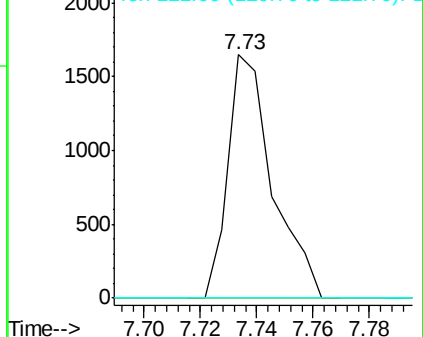
122 100

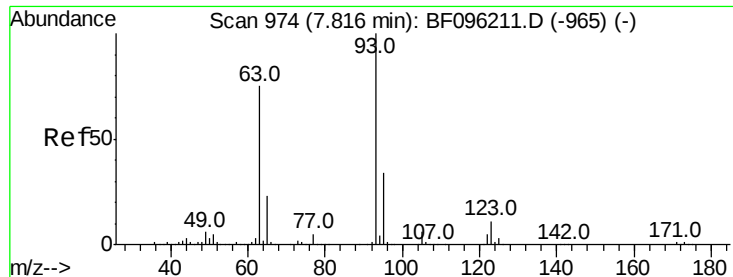
107 0.0 89.2 133.8#

121 0.0 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.005 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.25 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

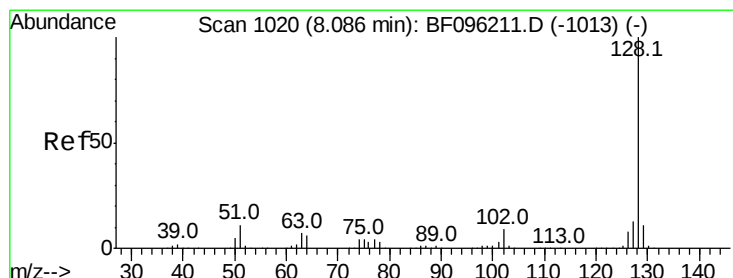
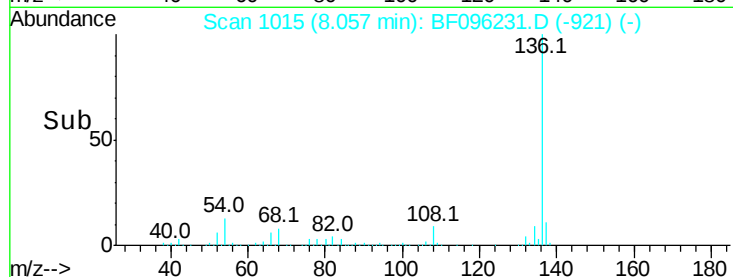
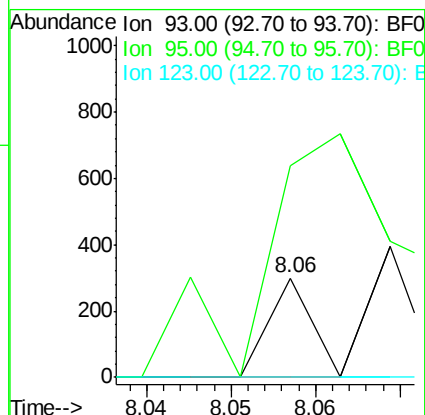
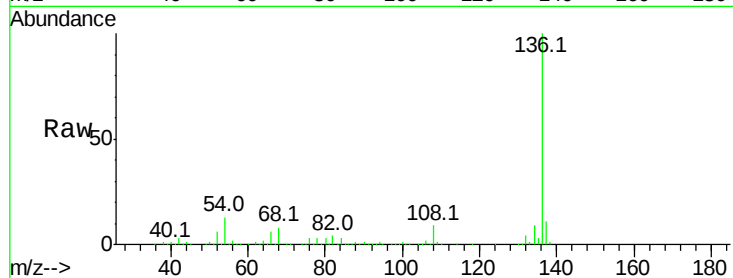
Tot Ion: 93 Resp: 106

Ion Ratio Lower Upper

93 100

95 212.3 26.5 39.7#

123 0.0 9.0 13.4#



#31

Naphthalene

Concen: 0.009 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

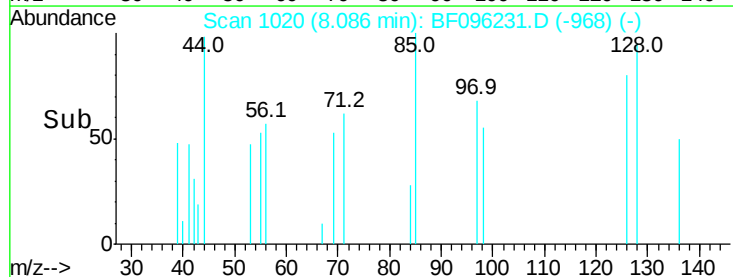
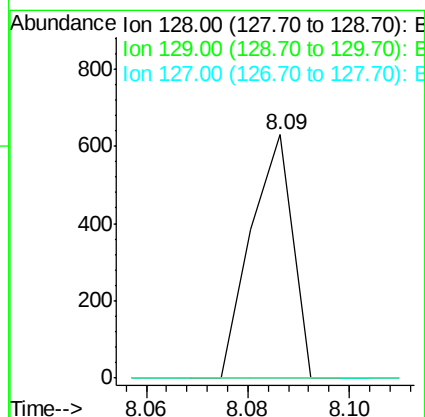
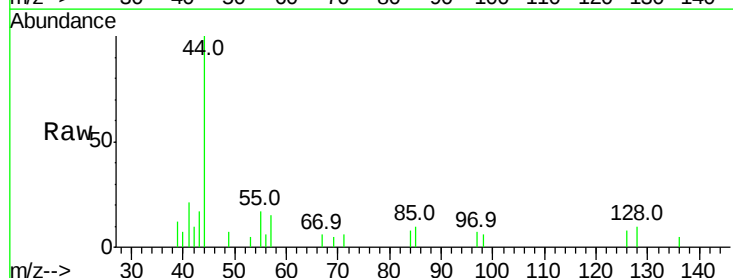
Tgt Ion:128 Resp: 358

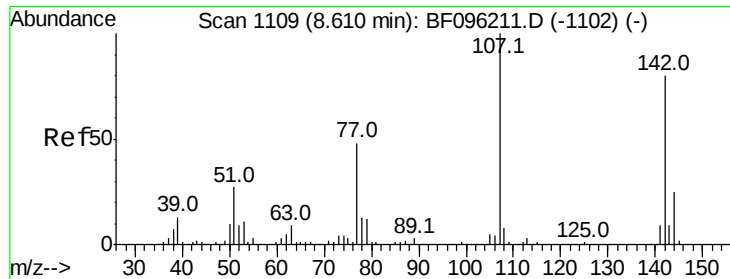
Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

127 0.0 10.8 16.2#

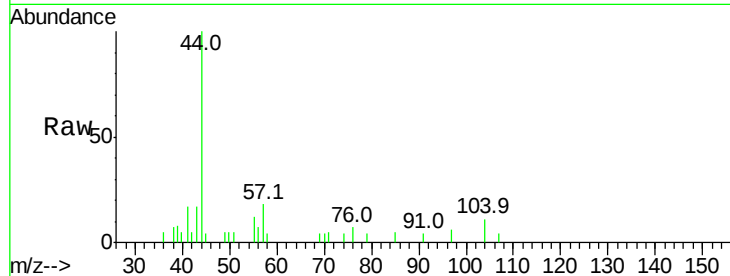




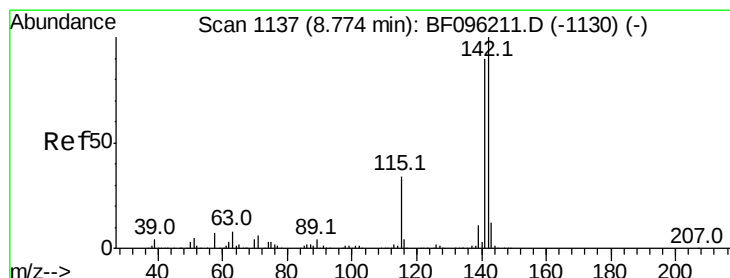
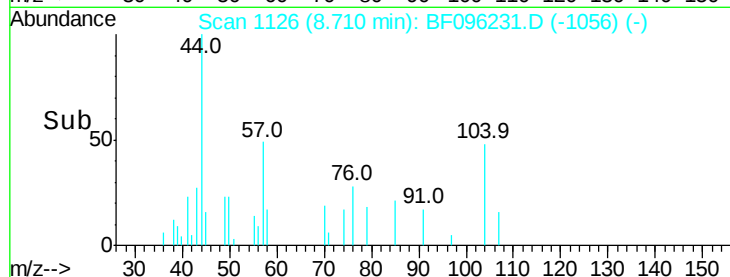
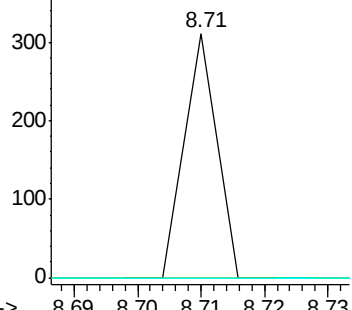
#36
 4-Chloro-3-methylphenol
 Concen: 0.009 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.11 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 G-26-0-1.5

Tot Ion:107 Resp: 110
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 0.0 73.4 110.0#

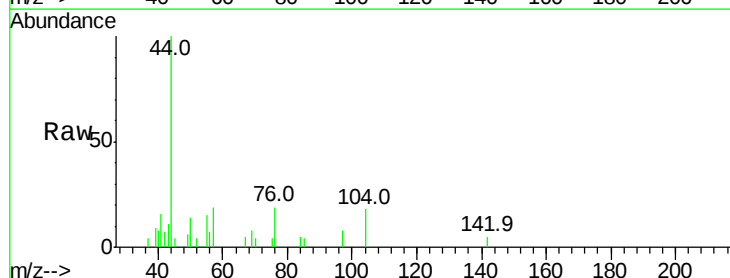


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

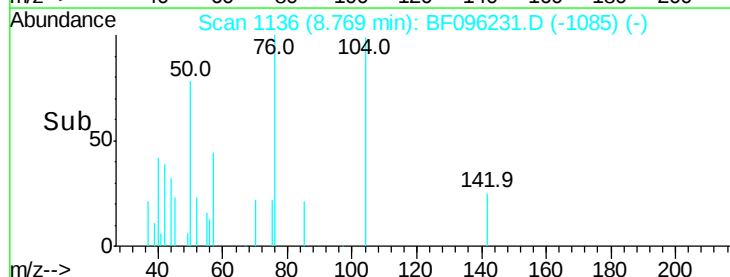
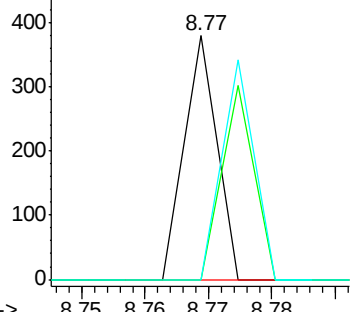


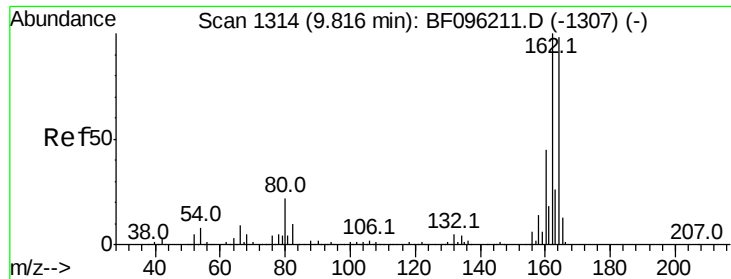
#37
 2-Methylnaphthalene
 Concen: 0.005 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

Tgt Ion:142 Resp: 134
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.3 106.9#
 115 0.0 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: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

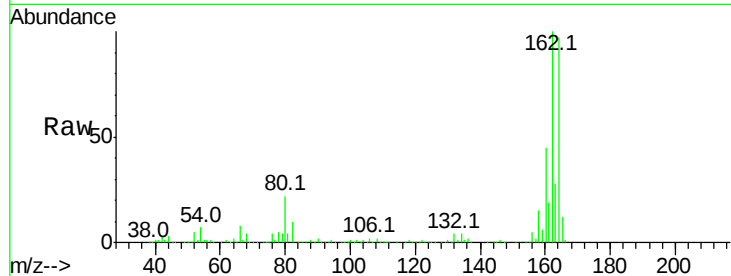
Tot Ion:164 Resp: 307189

Ion Ratio Lower Upper

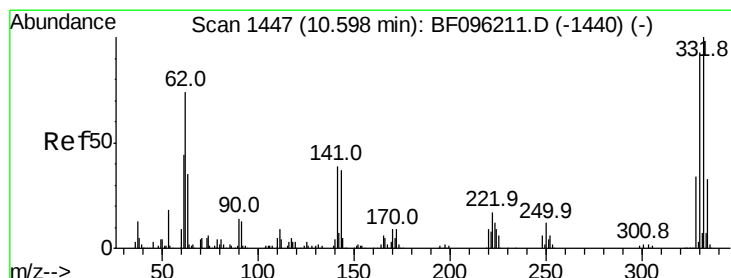
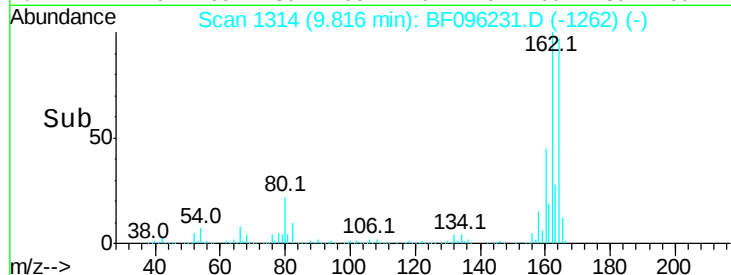
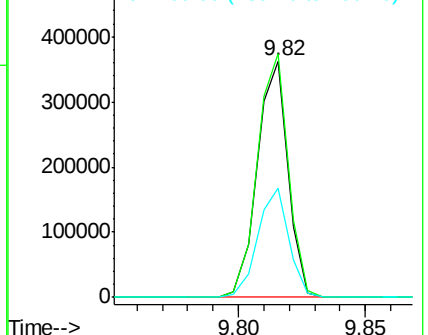
164 100

162 103.0 82.6 123.8

160 45.9 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: 1.613 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

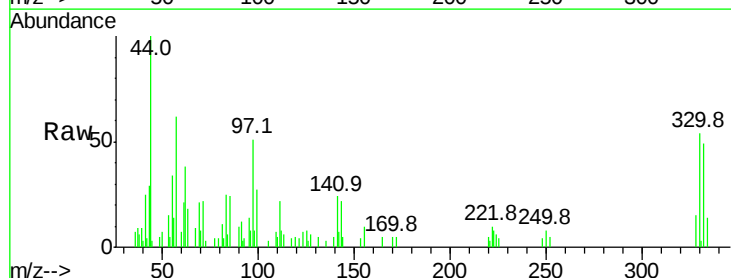
Tgt Ion:330 Resp: 3899

Ion Ratio Lower Upper

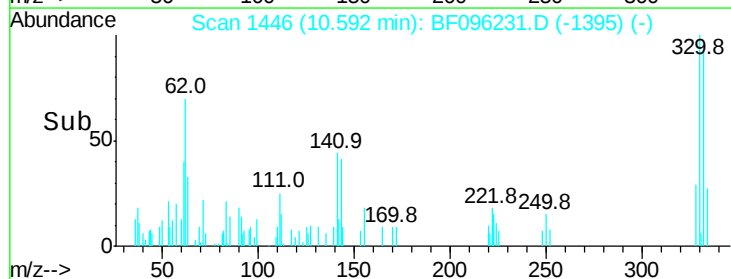
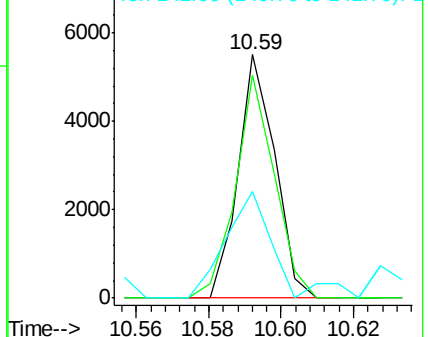
330 100

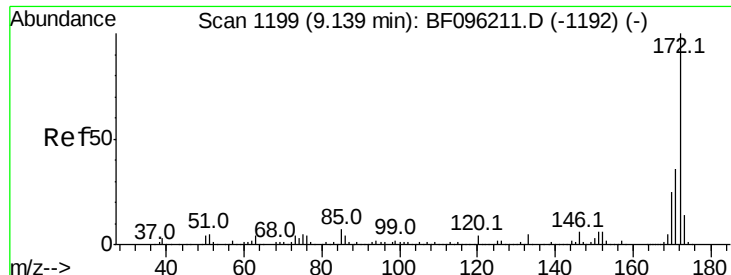
332 97.0 76.6 115.0

141 58.1 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

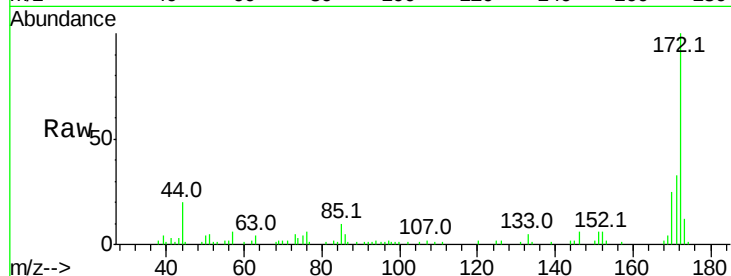




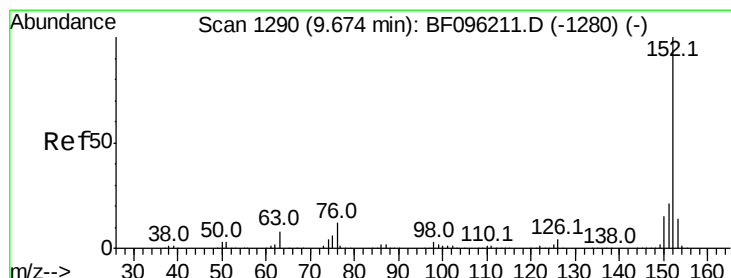
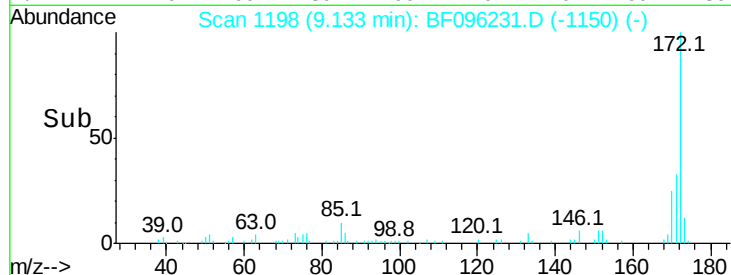
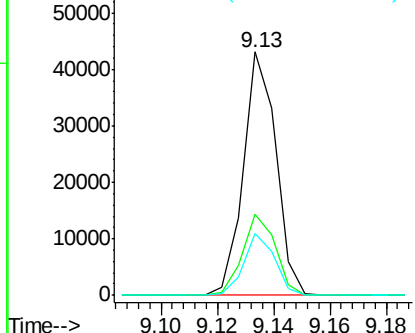
#44
2-Fluorobiphenyl
Concen: 2.053 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

Tot Ion:172 Resp: 34435
Ion Ratio Lower Upper
172 100
171 33.4 29.6 44.4
170 25.2 19.8 29.8

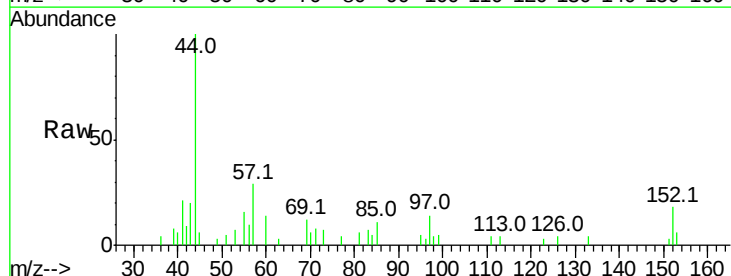


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

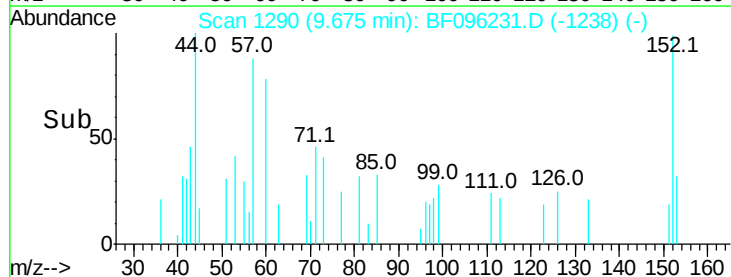
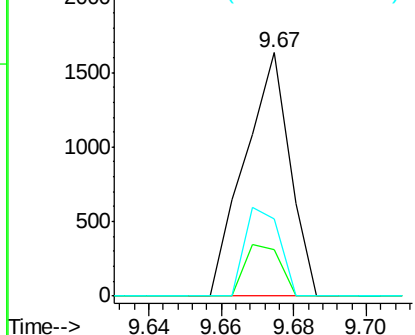


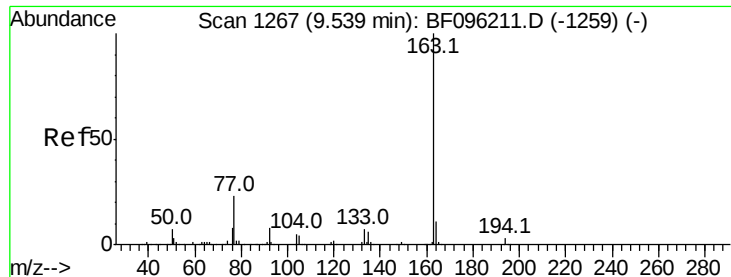
#48
Acenaphthylene
Concen: 0.043 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:152 Resp: 1408
Ion Ratio Lower Upper
152 100
151 19.0 16.8 25.2
153 31.8 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

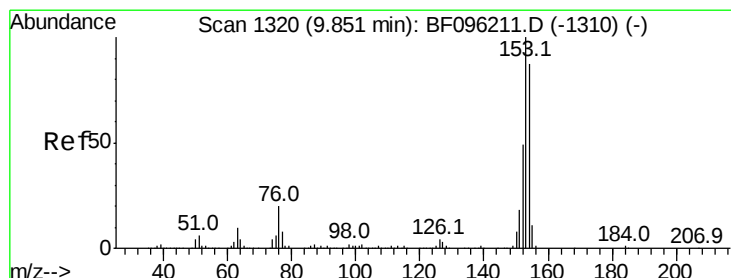
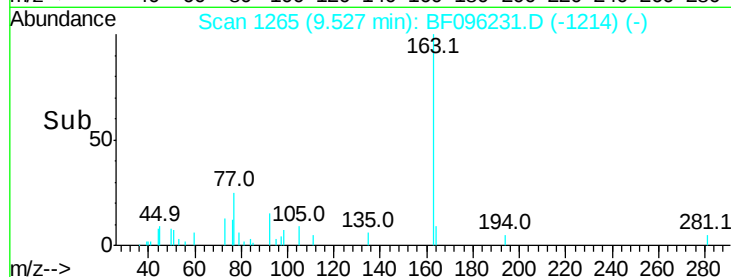
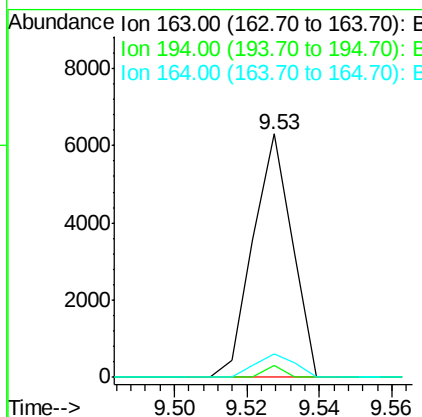
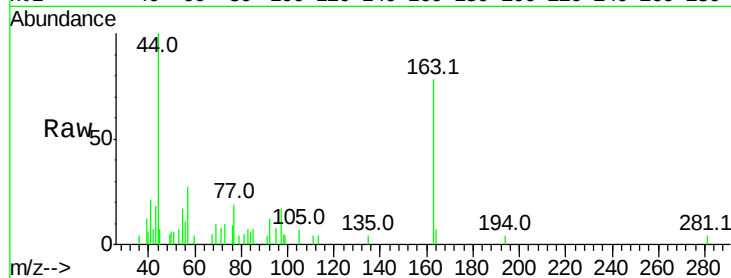




#49
 Dimethylphthalate
 Concen: 0.216 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

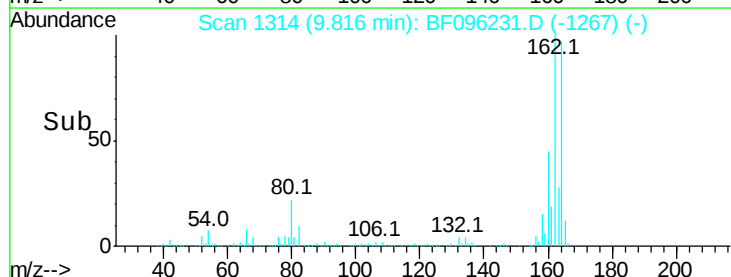
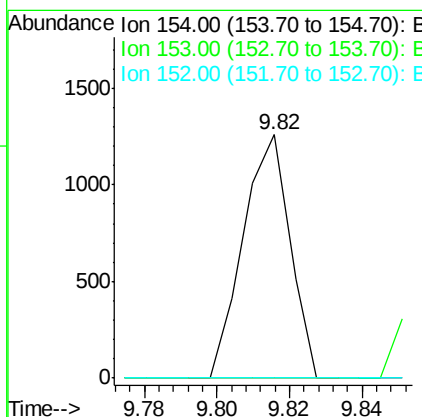
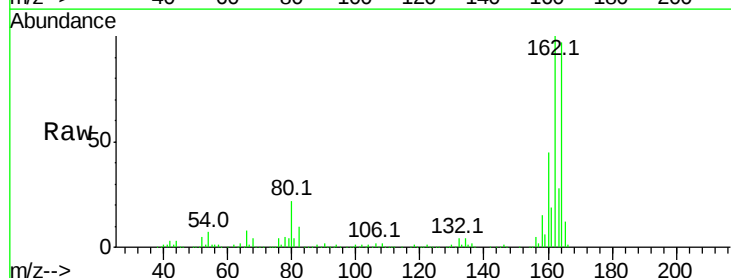
Instrument :
 BNA_F
 ClientSampleId :
 G-26-0-1.5

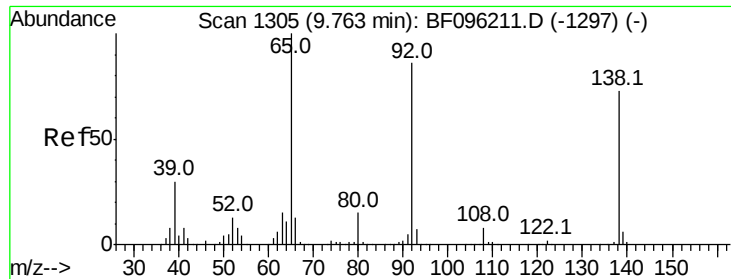
Tot Ion:163	Resp:	4759
Ion Ratio	Lower	Upper
163	100	
194	4.9	2.6 4.0#
164	9.5	8.4 12.6



#51
 Acenaphthene
 Concen: 0.059 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

Tgt Ion:154	Resp:	1127
Ion Ratio	Lower	Upper
154	100	
153	0.0	90.5 135.7#
152	0.0	43.6 65.4#

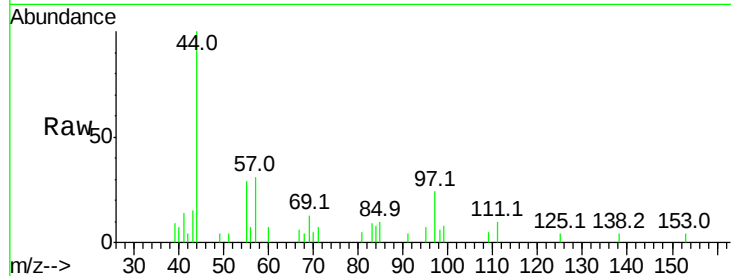




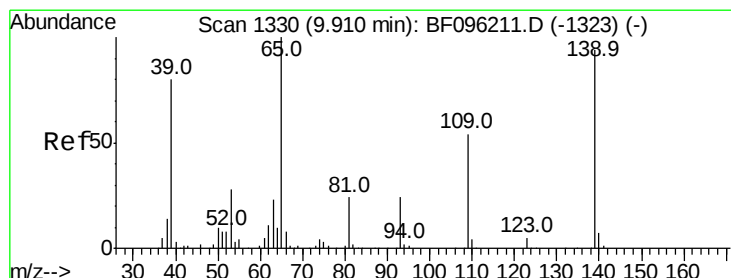
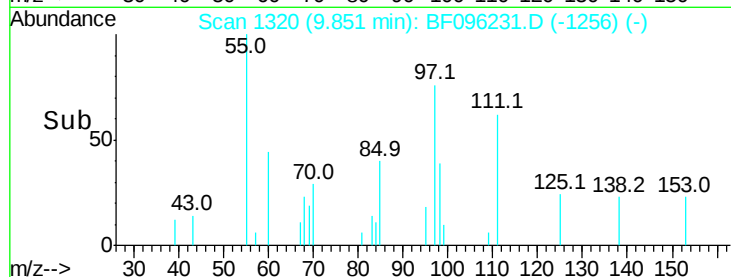
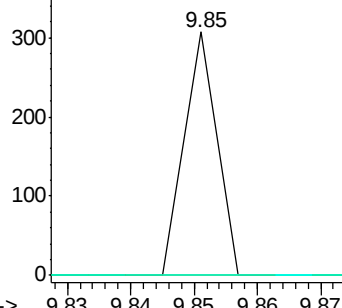
#52
3-Nitroaniline
Concen: 0.018 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.08 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

Tot Ion:138 Resp: 108
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 93.8 140.6#

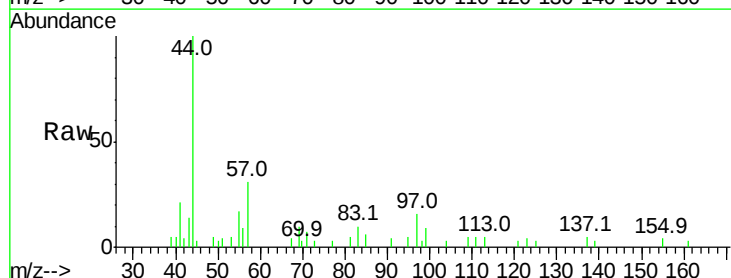


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

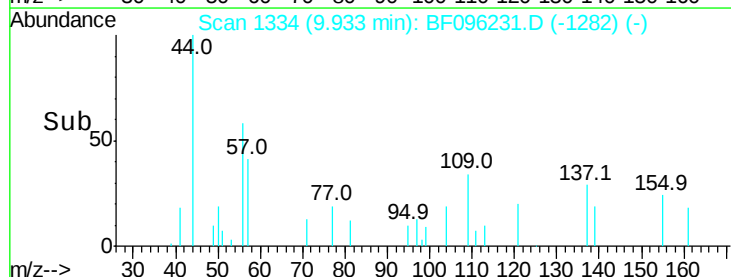
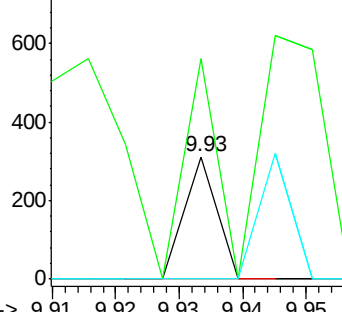


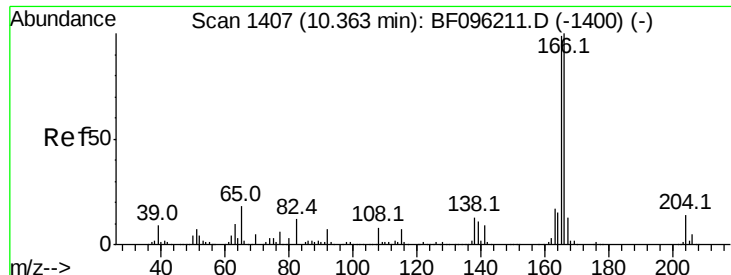
#55
4-Nitrophenol
Concen: 0.023 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 180.7 34.1 74.1#
65 0.0 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

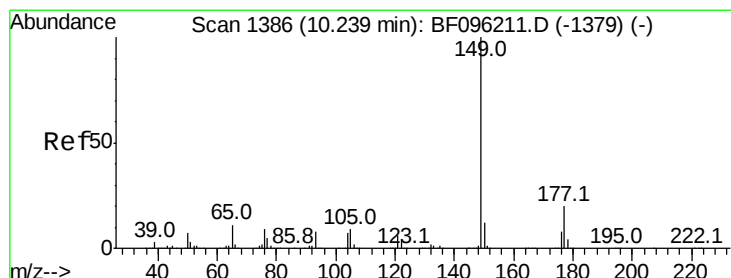
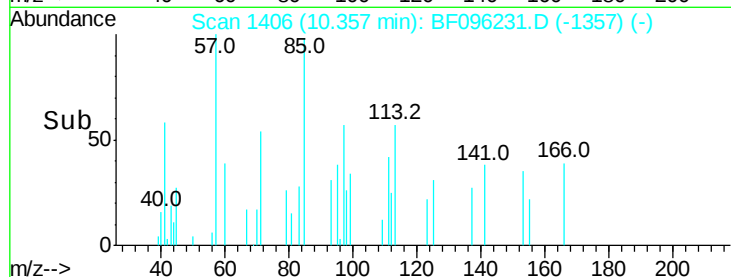
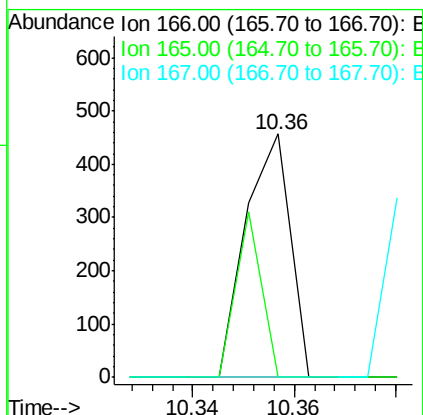
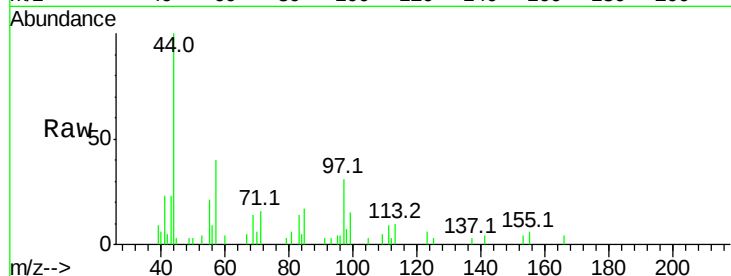




#57
Fluorene
Concen: 0.016 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

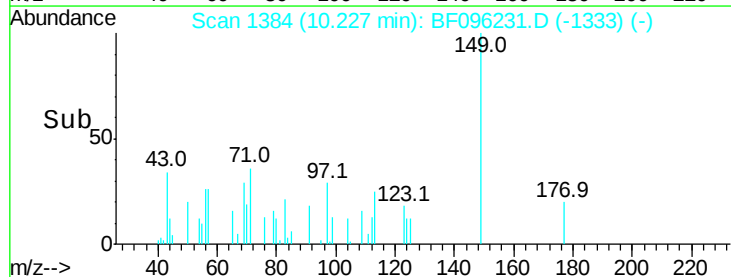
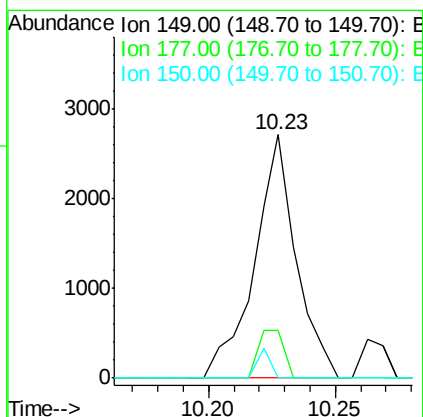
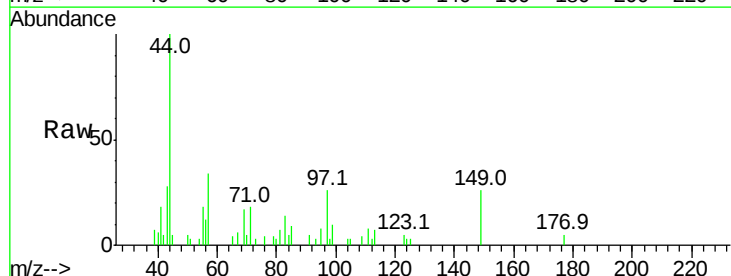
Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

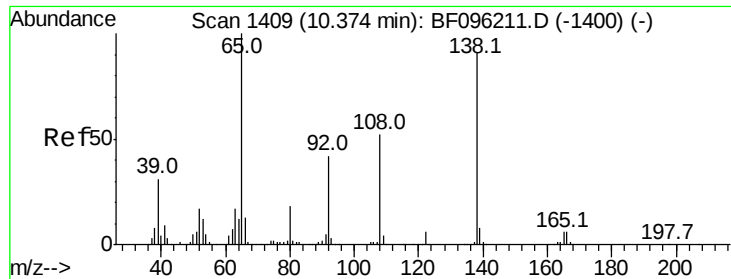
Tot Ion:166 Resp: 277
Ion Ratio Lower Upper
166 100
165 0.0 78.8 118.2#
167 0.0 10.6 16.0#



#59
Diethylphthalate
Concen: 0.141 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:149 Resp: 3119
Ion Ratio Lower Upper
149 100
177 19.8 16.7 25.1
150 0.0 10.2 15.2#





#61

4-Nitroaniline

Concen: 0.021 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.18 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

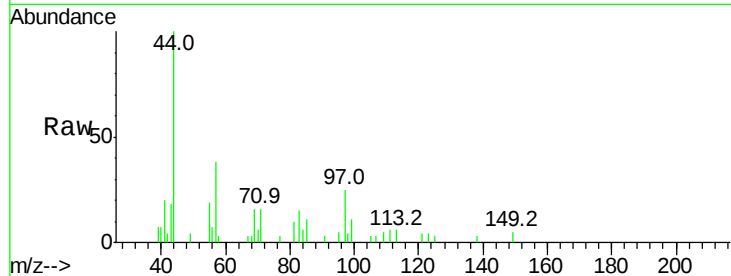
Tot Ion:138 Resp: 108

Ion Ratio Lower Upper

138 100

92 0.0 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

10.21

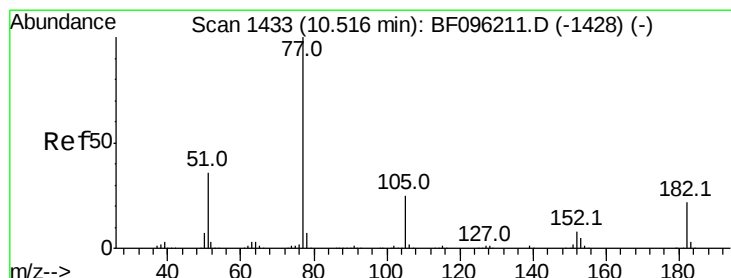
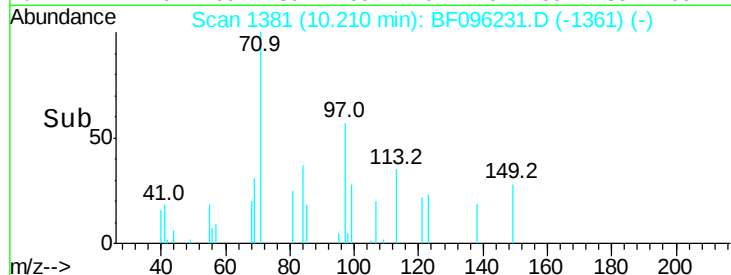
300

200

100

0

Time-->



#62

Azobenzene

Concen: 0.006 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Tgt Ion: 77 Resp: 127

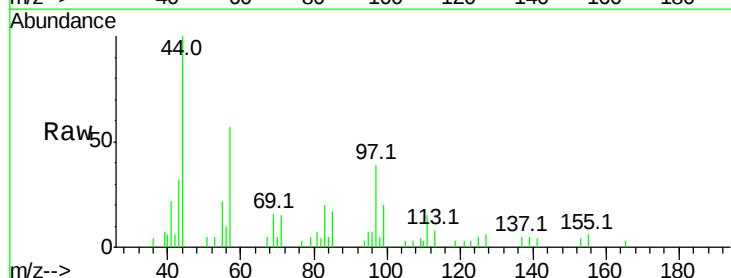
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 102.5 3.6 43.6#

51 152.6 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

800

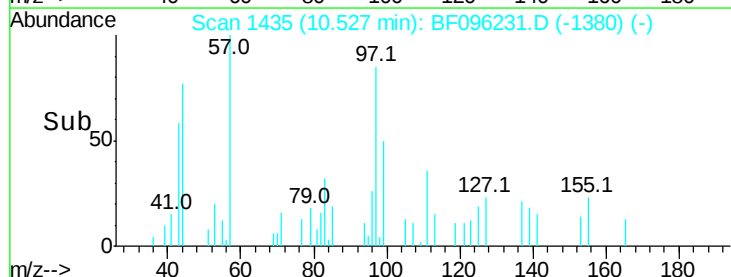
600

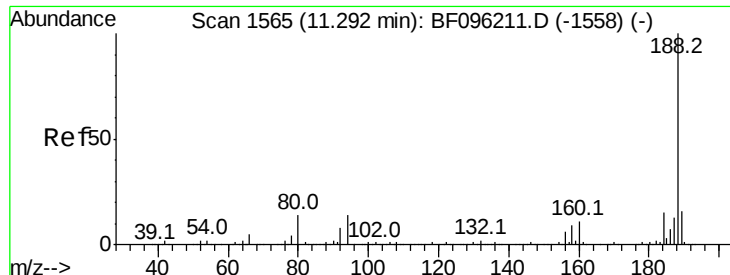
400

200

0

Time-->

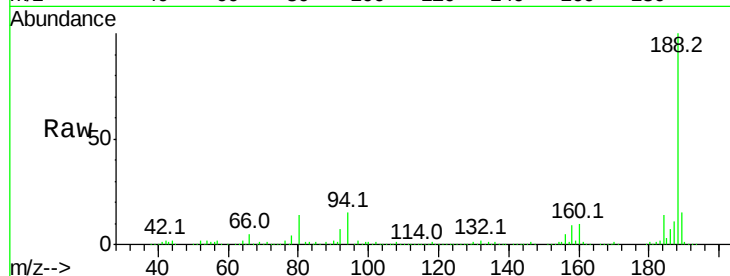




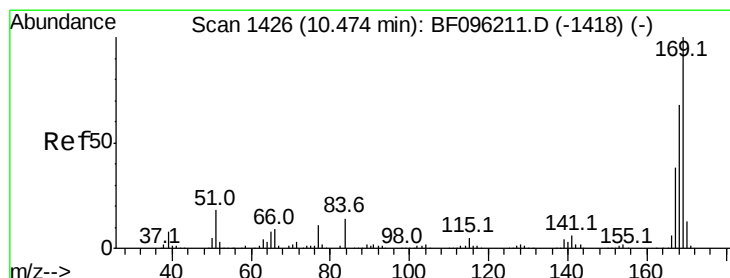
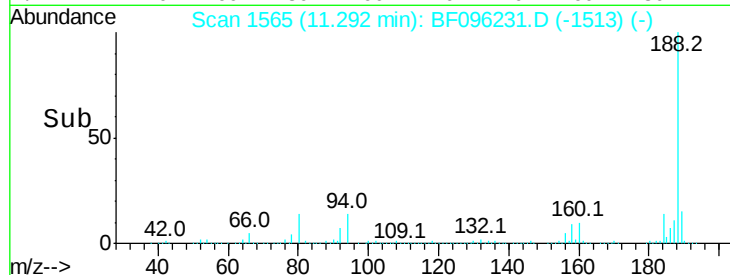
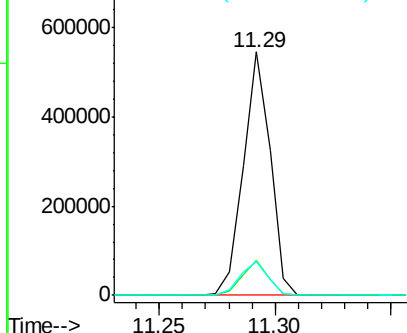
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

Tot Ion:188 Resp: 445104
Ion Ratio Lower Upper
188 100
94 14.5 9.4 14.2#
80 13.9 10.2 15.2

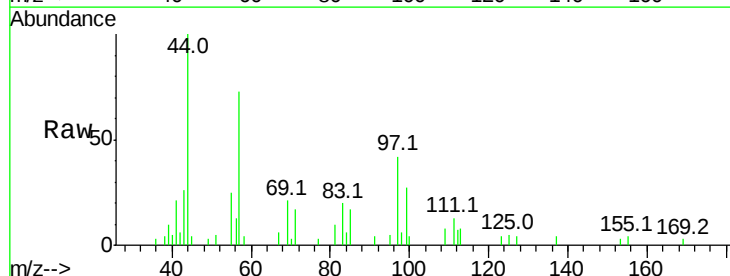


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

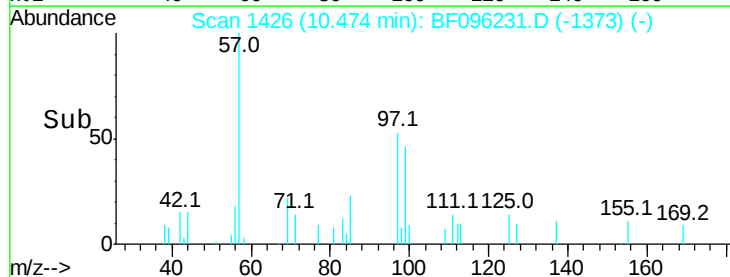
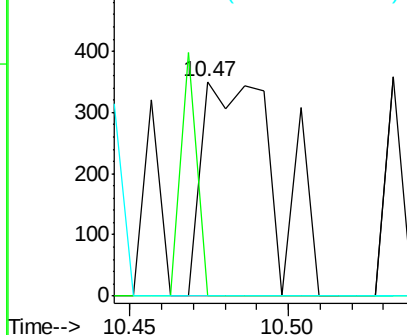


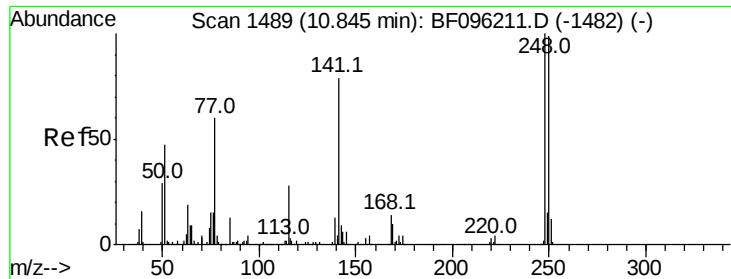
#65
n-Nitrosodiphenylamine
Concen: 0.036 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:169 Resp: 581
Ion Ratio Lower Upper
169 100
168 0.0 53.2 79.8#
167 0.0 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

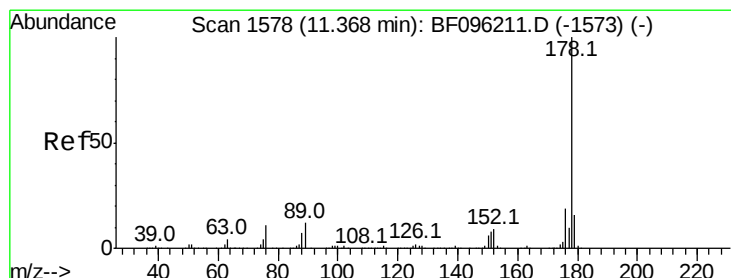
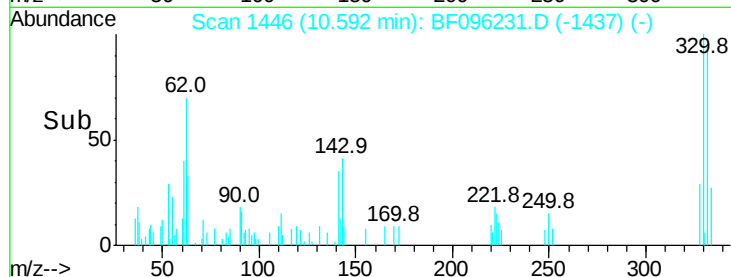
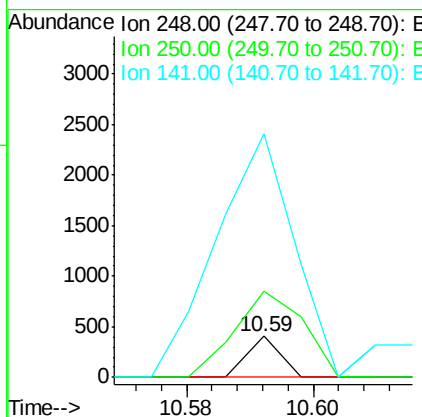
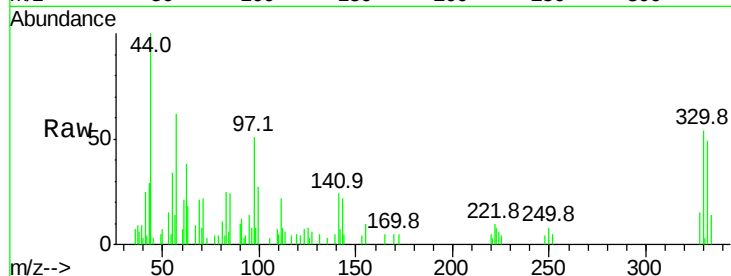




#66
 4-Bromophenyl-phenylether
 Concen: 0.031 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

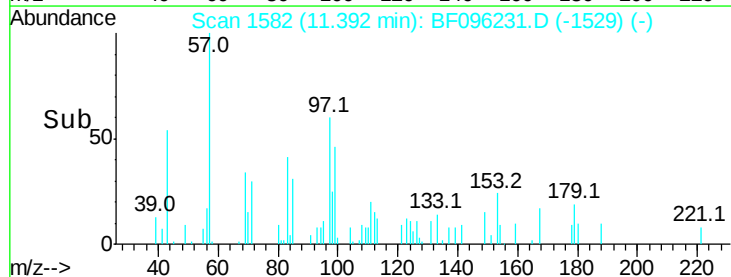
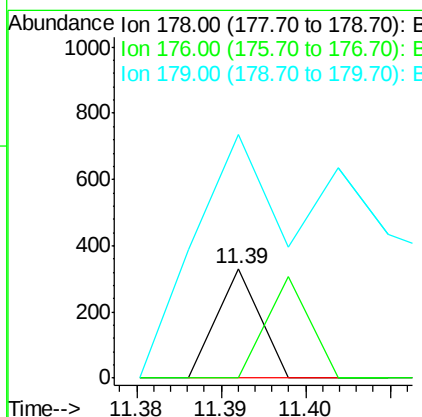
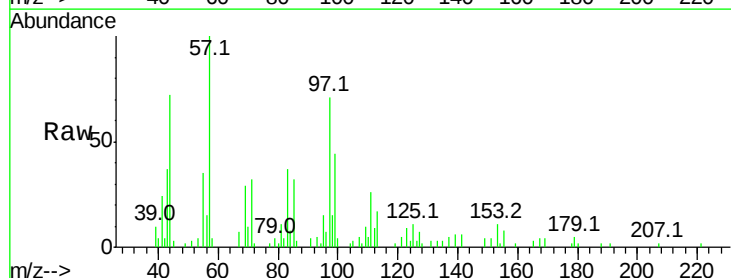
Instrument :
 BNA_F
 ClientSampleId :
 G-26-0-1.5

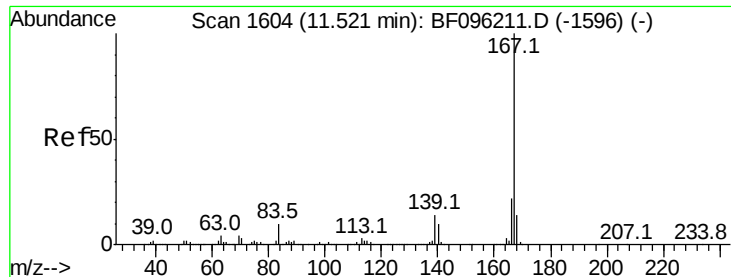
Tot Ion:248 Resp: 144
 Ion Ratio Lower Upper
 248 100
 250 207.8 76.8 115.2#
 141 590.4 68.6 103.0#



#71
 Anthracene
 Concen: 0.005 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF096231.D
 Acq: 27 Jun 2017 22:12

Tgt Ion:178 Resp: 117
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 222.4 12.7 19.1#





#72

Carbazole

Concen: 0.044 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

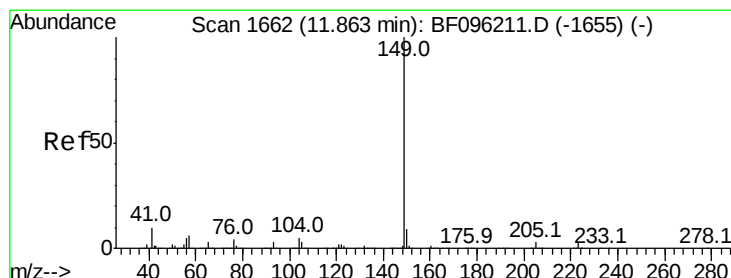
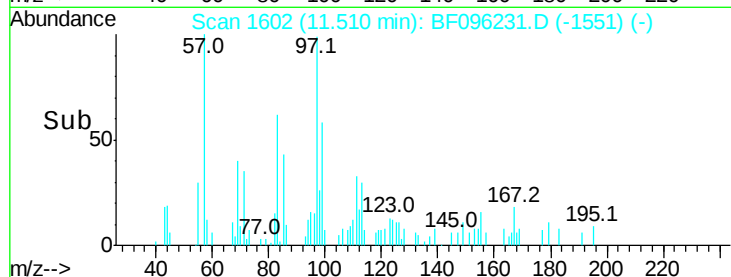
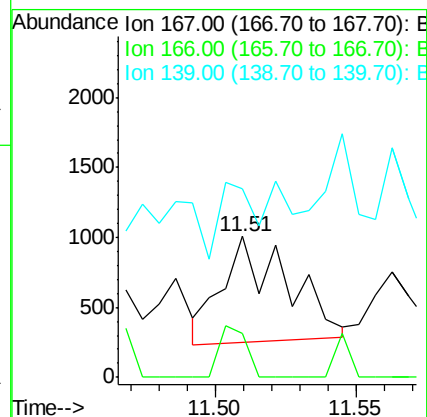
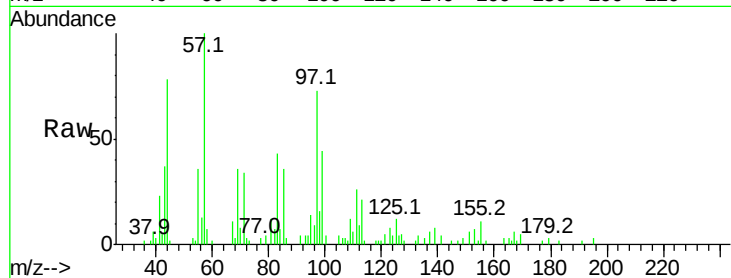
Tot Ion:167 Resp: 1215

Ion Ratio Lower Upper

167 100

166 30.9 18.1 27.1#

139 133.8 11.7 17.5#



#73

Di-n-butylphthalate

Concen: 0.055 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

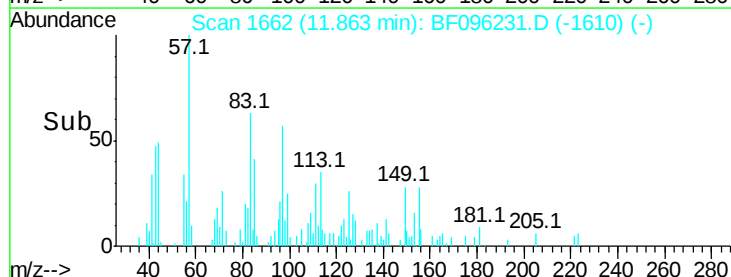
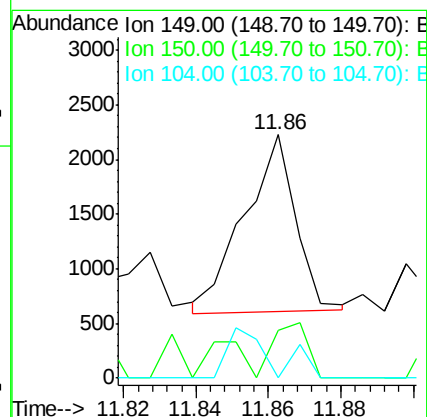
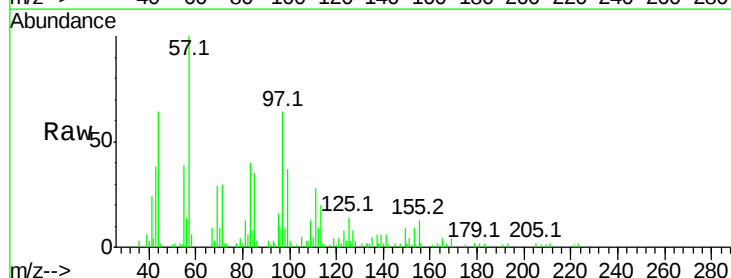
Tgt Ion:149 Resp: 1586

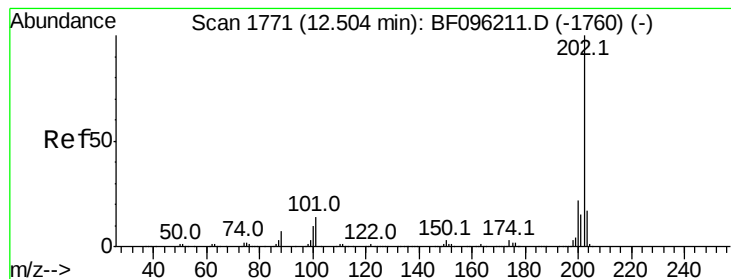
Ion Ratio Lower Upper

149 100

150 19.4 7.7 11.5#

104 0.0 4.0 6.0#





#74

Fluoranthene

Concen: 0.146 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

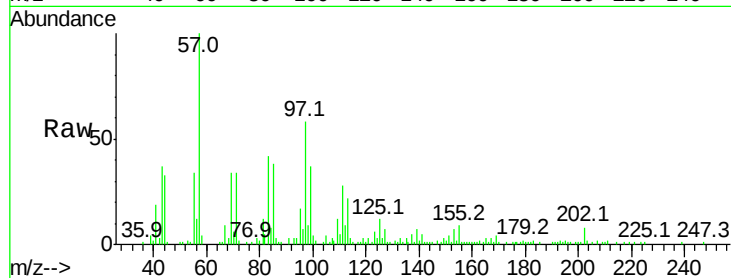
Tot Ion:202 Resp: 3599

Ion Ratio Lower Upper

202 100

101 19.7 0.0 33.2

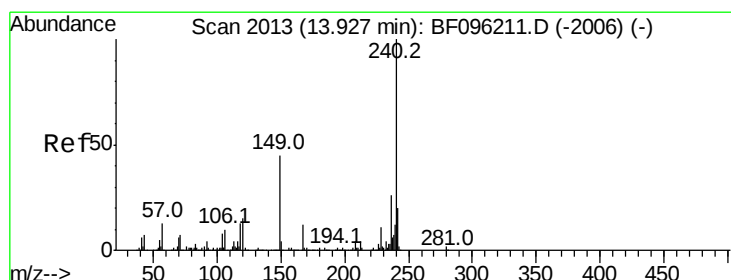
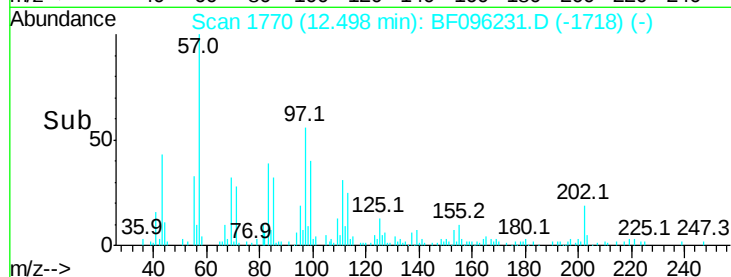
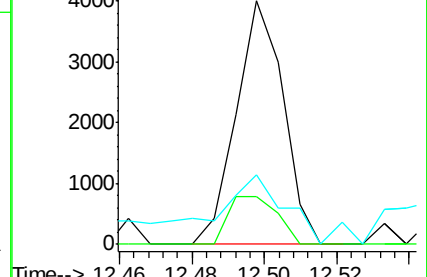
203 28.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

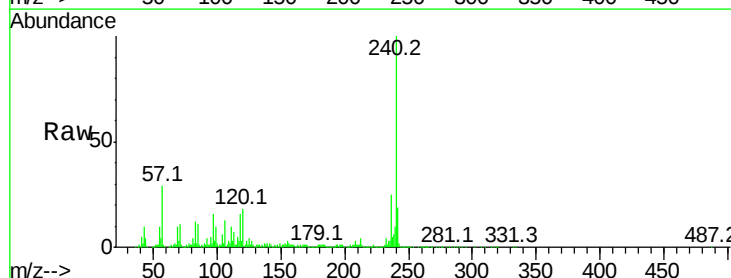
Tgt Ion:240 Resp: 397868

Ion Ratio Lower Upper

240 100

120 18.1 5.8 8.8#

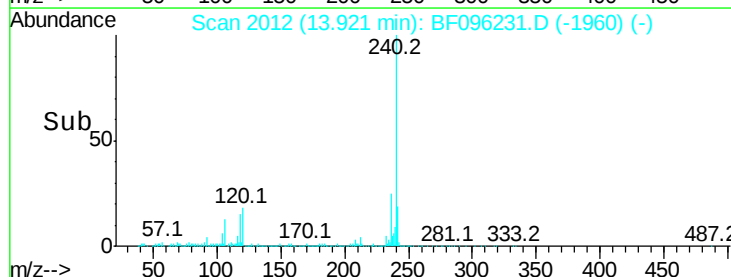
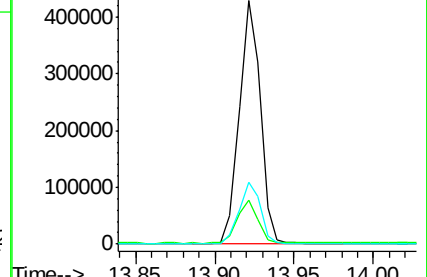
236 25.2 20.5 30.7

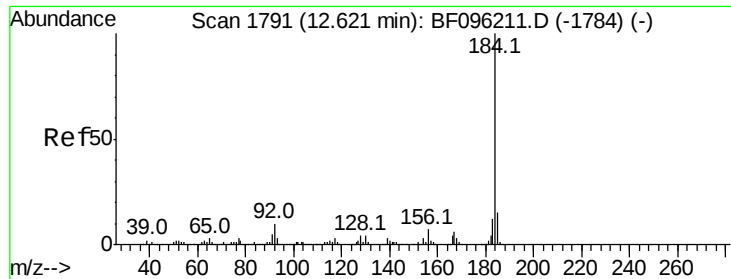


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.007 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

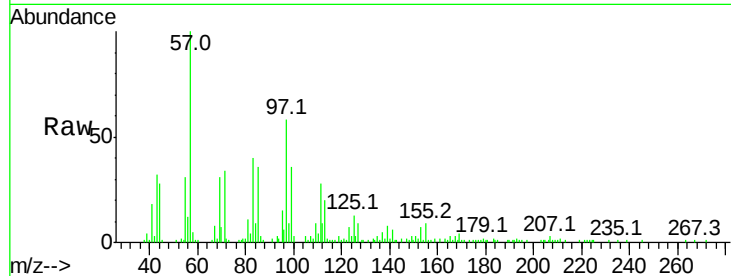
Tot Ion:184 Resp: 106

Ion Ratio Lower Upper

184 100

185 118.6 15.5 23.3#

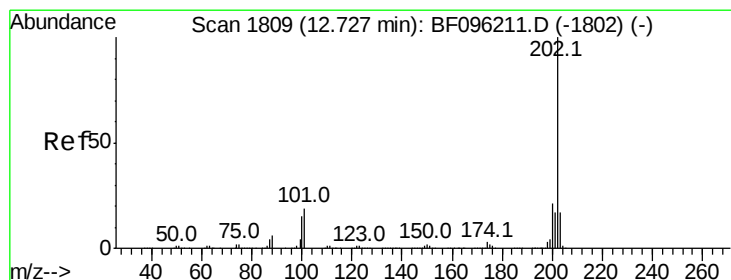
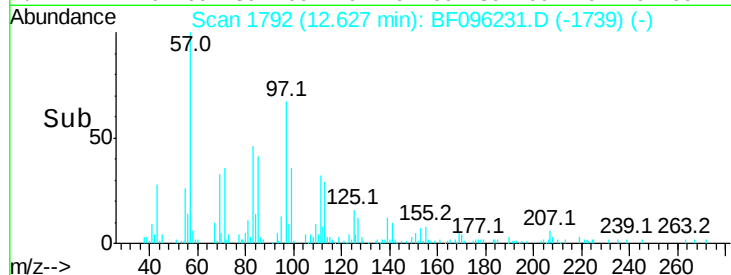
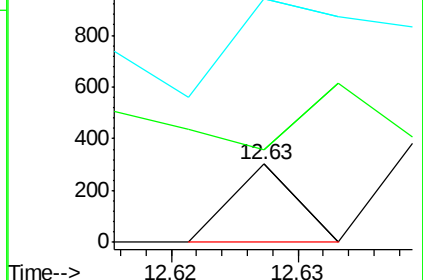
183 312.6 9.8 14.6#



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

Pyrene

Concen: 0.124 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

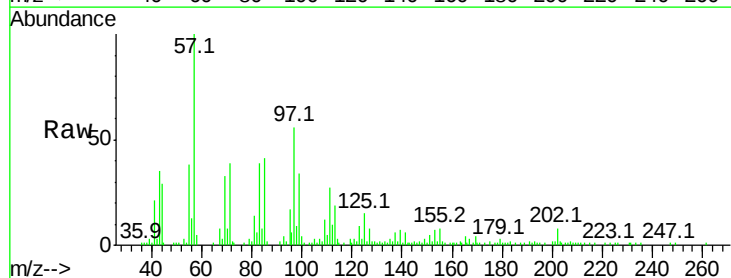
Tgt Ion:202 Resp: 4051

Ion Ratio Lower Upper

202 100

200 25.2 17.6 26.4

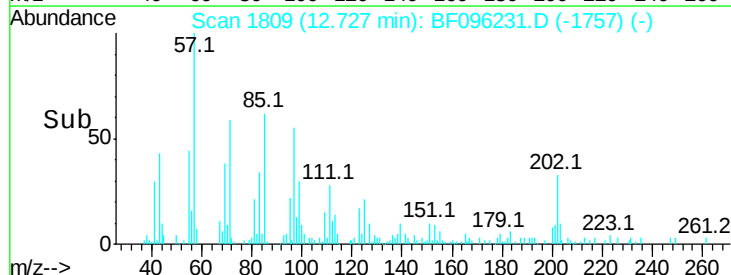
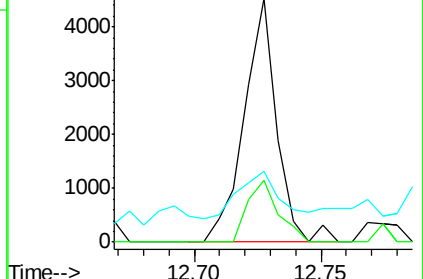
203 28.8 14.4 21.6#

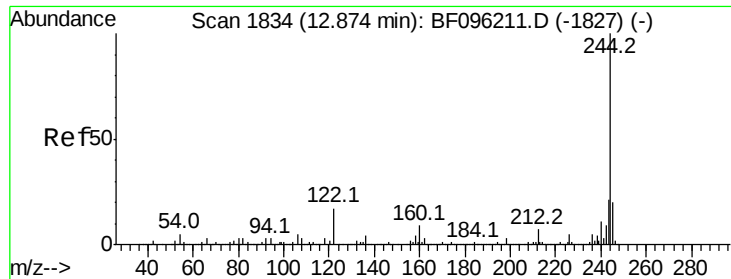


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.301 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

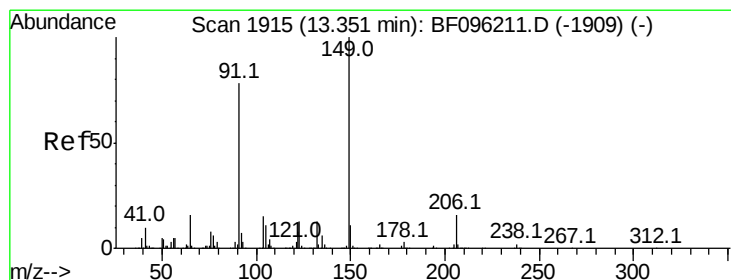
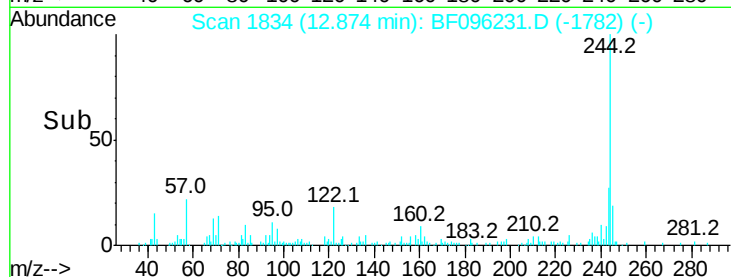
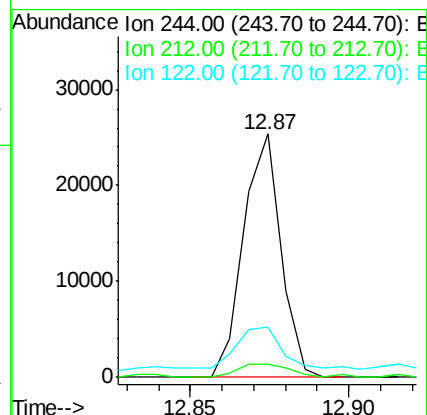
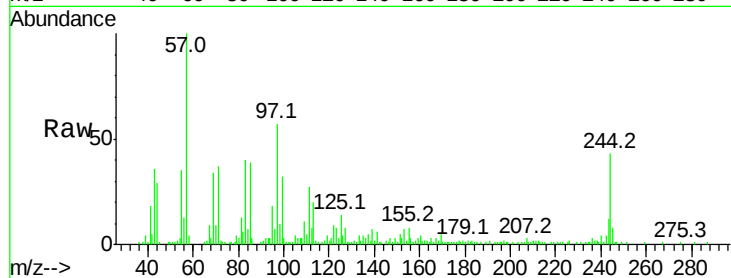
Tot Ion:244 Resp: 20745

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

122 20.6 10.3 15.5#



#79

Butylbenzylphthalate

Concen: 0.035 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.17 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

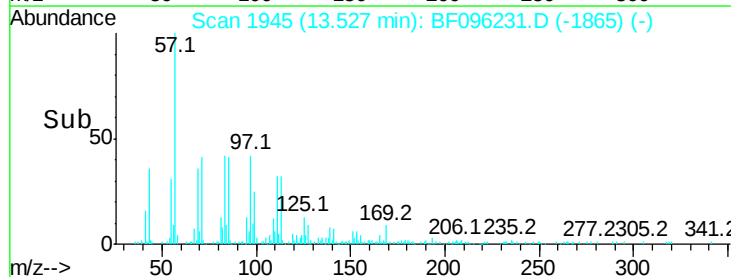
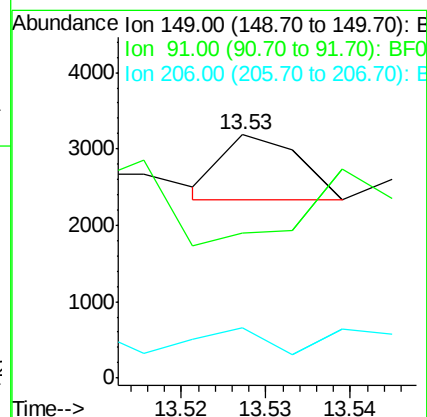
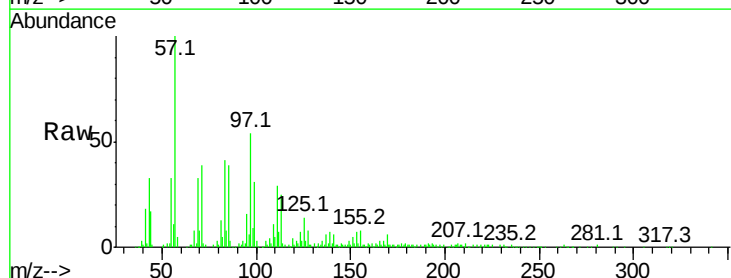
Tgt Ion:149 Resp: 526

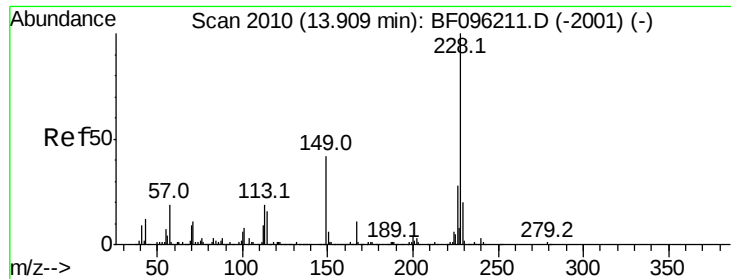
Ion Ratio Lower Upper

149 100

91 59.7 45.0 67.4

206 20.8 17.0 25.6

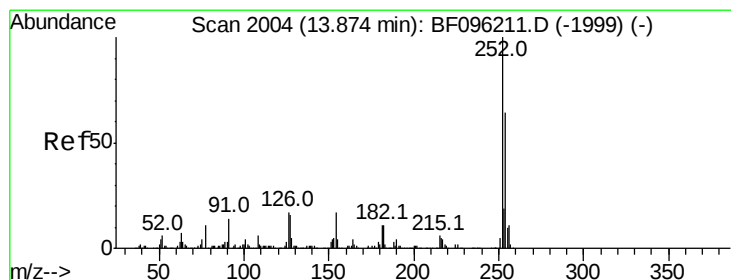
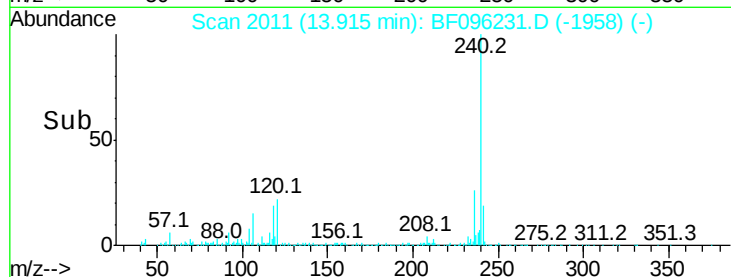
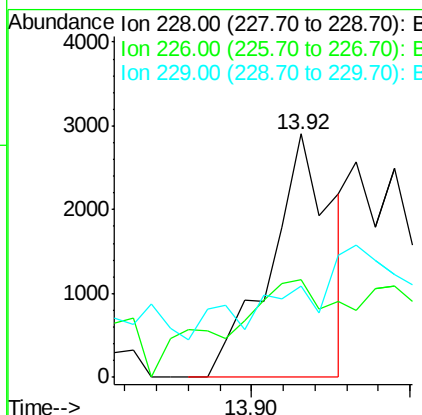
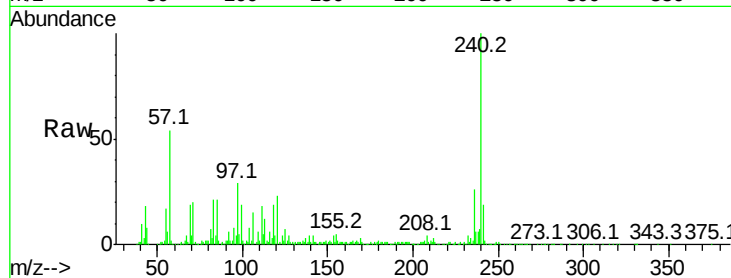




#80
Benzo(a)anthracene
Concen: 0.161 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

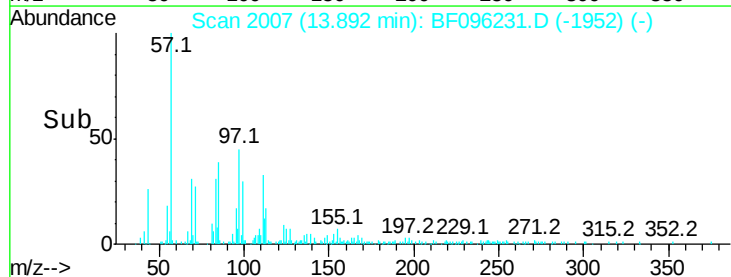
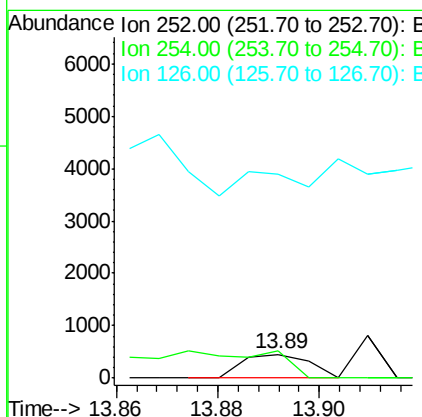
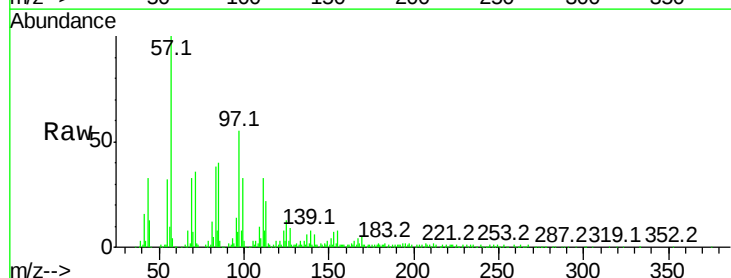
Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

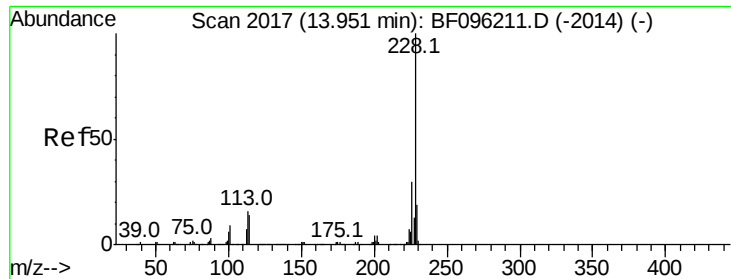
Tot Ion:228 Resp: 3912
Ion Ratio Lower Upper
228 100
226 40.4 22.6 33.8#
229 37.3 16.3 24.5#



#81
3,3'-Dichlorobenzidine
Concen: 0.045 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:252 Resp: 416
Ion Ratio Lower Upper
252 100
254 116.7 51.5 77.3#
126 856.4 15.8 23.8#





#82

Chrysene

Concen: 0.009 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.04 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

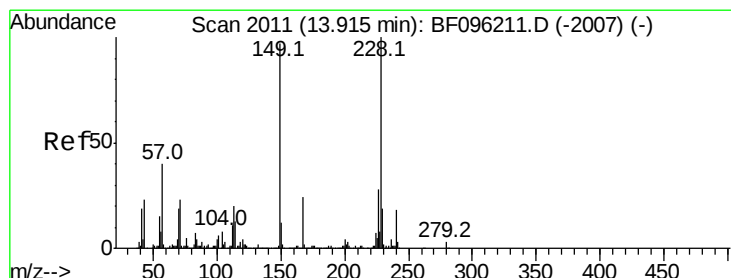
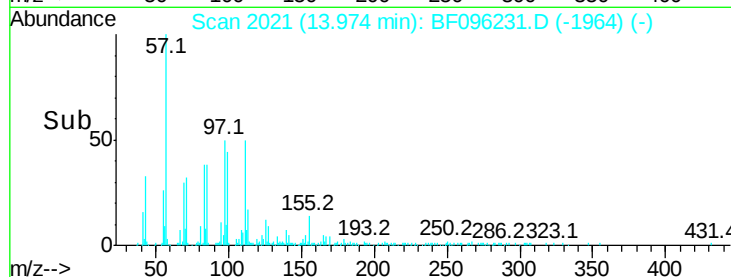
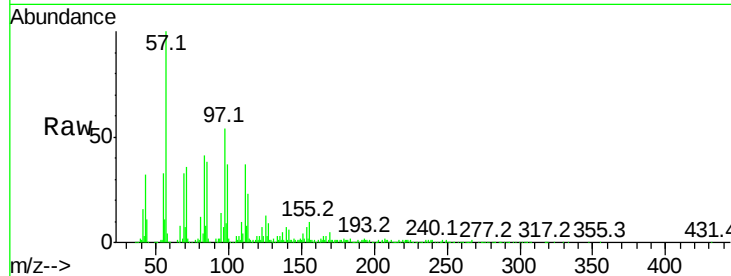
Tot Ion:228 Resp: 232

Ion Ratio Lower Upper

228 100

226 155.7 24.9 37.3#

229 181.0 15.8 23.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.289 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

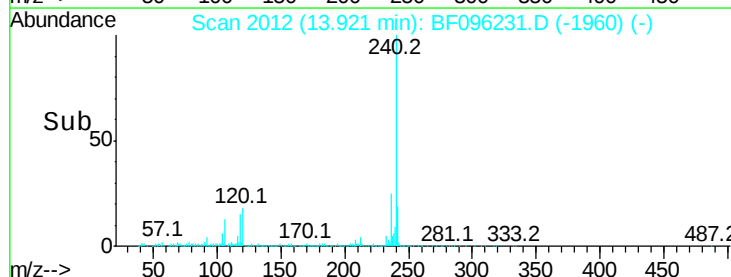
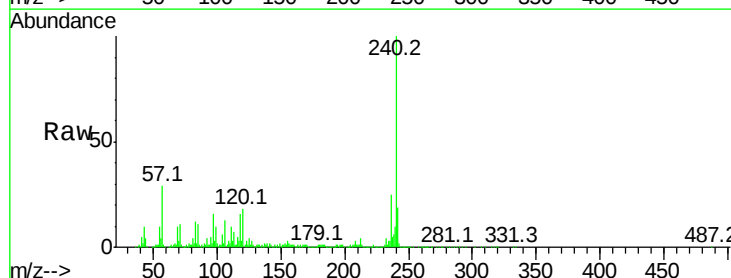
Tgt Ion:149 Resp: 4707

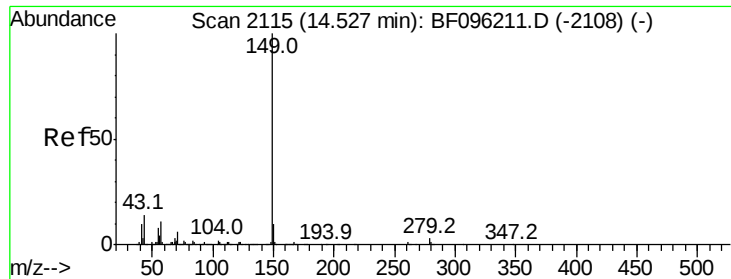
Ion Ratio Lower Upper

149 100

167 62.3 21.0 31.4#

279 7.8 1.9 2.9#





#84

Di-n-octyl phthalate

Concen: 0.057 ng

RT: 14.53 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

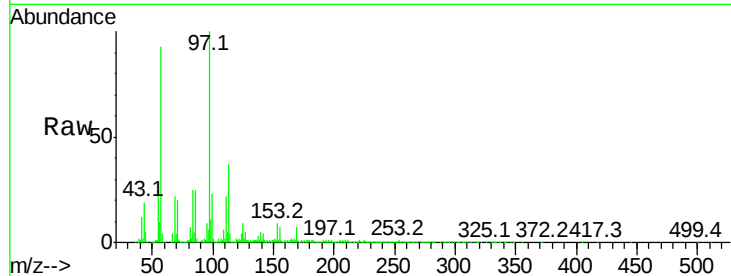
Tot Ion:149 Resp: 1902

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

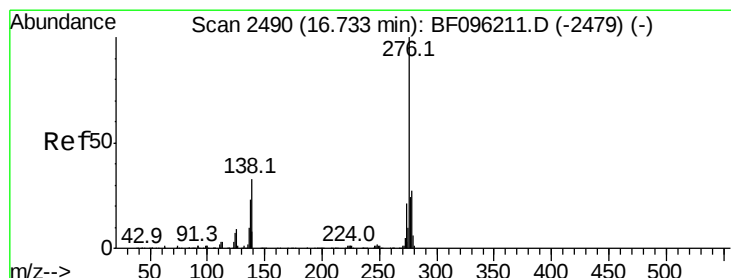
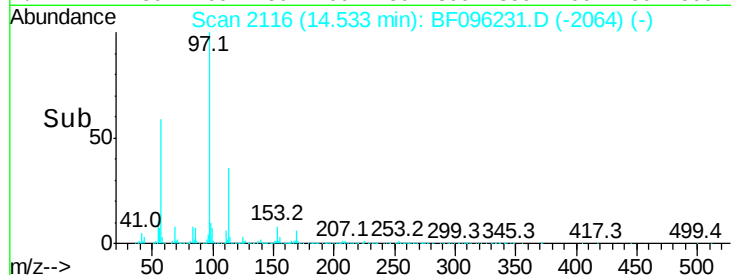
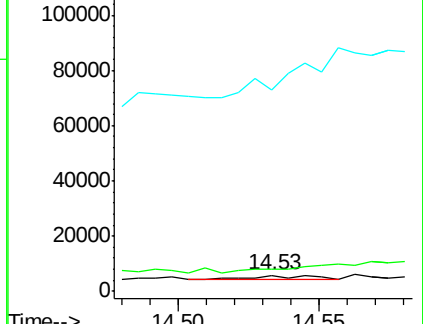
43 0.0 8.5 12.7#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

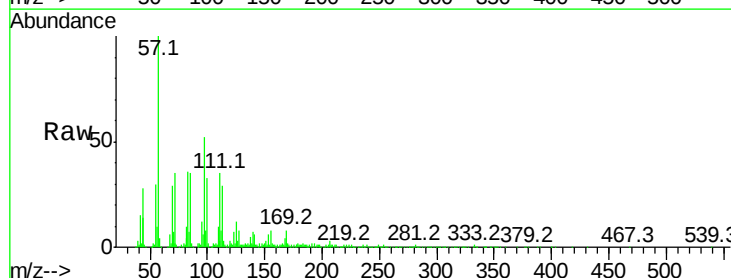
Tgt Ion:276 Resp: 1333

Ion Ratio Lower Upper

276 100

138 56.1 27.8 41.6#

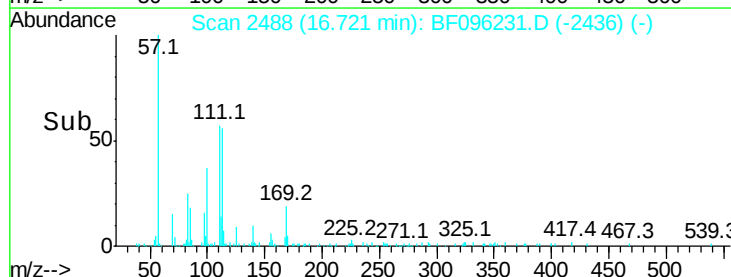
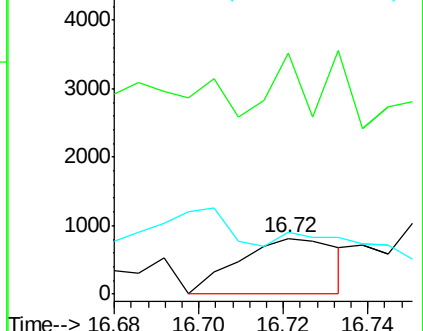
277 39.8 20.2 30.4#

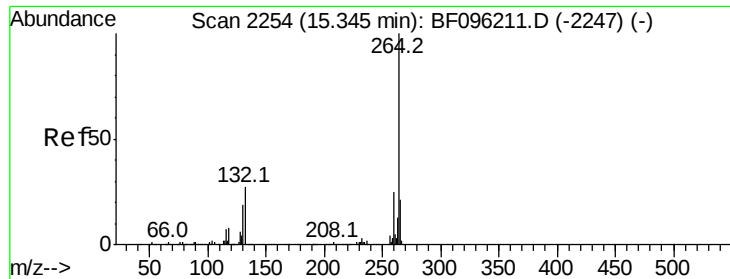


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



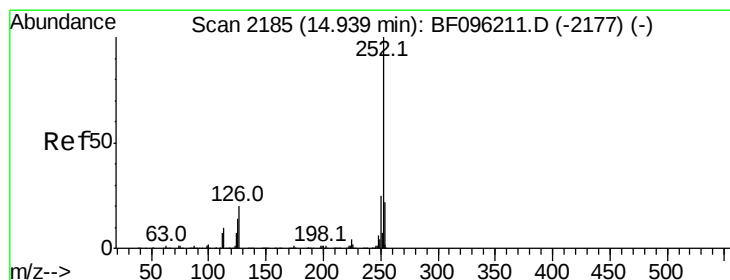
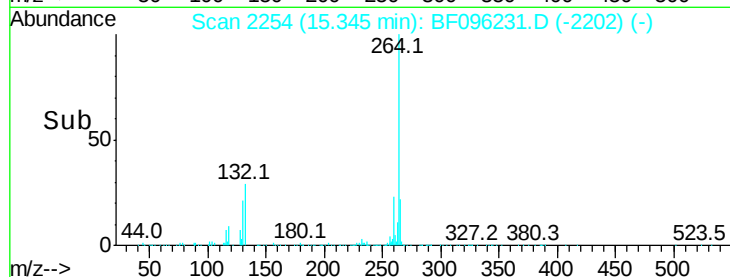
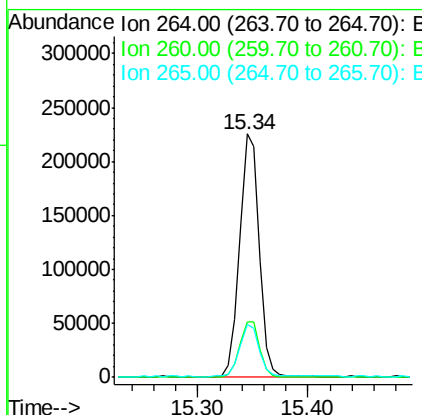
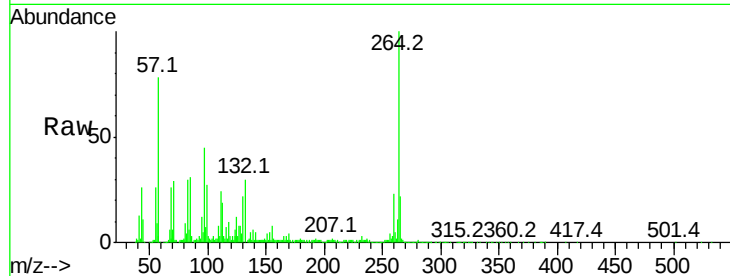


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Instrument :
BNA_F
ClientSampleId :
G-26-0-1.5

Tot Ion:264 Resp: 282285

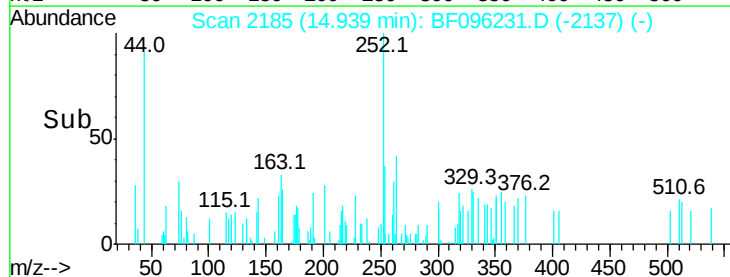
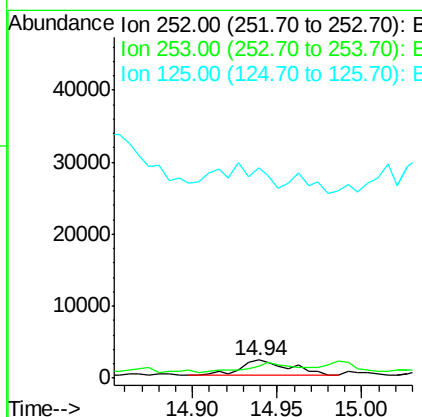
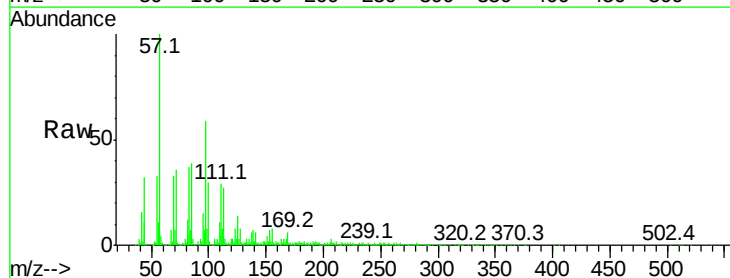
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.9	17.2	25.8

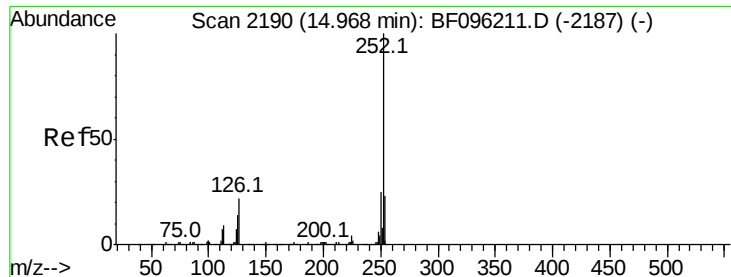


#87
Benzo(b)fluoranthene
Concen: 0.245 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096231.D
Acq: 27 Jun 2017 22:12

Tgt Ion:252 Resp: 4547

Ion	Ratio	Lower	Upper
252	100		
253	65.0	18.1	27.1#
125	1180.8	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 0.269 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

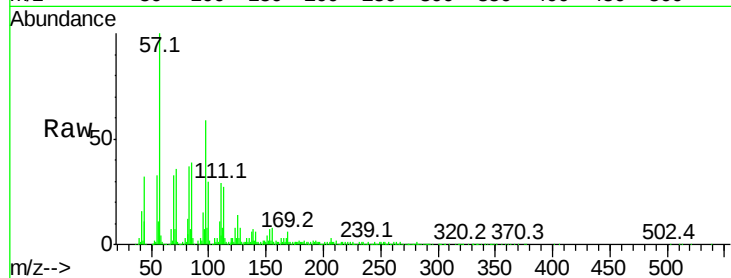
Tot Ion:252 Resp: 4547

Ion Ratio Lower Upper

252 100

253 65.0 18.4 27.6#

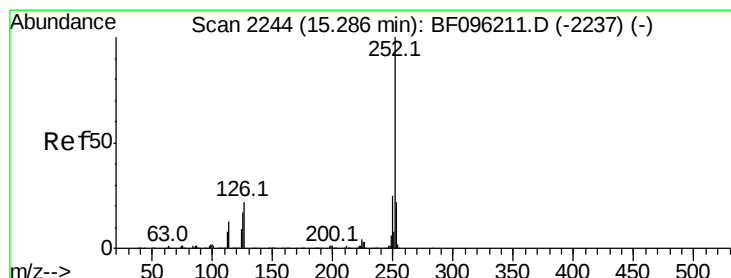
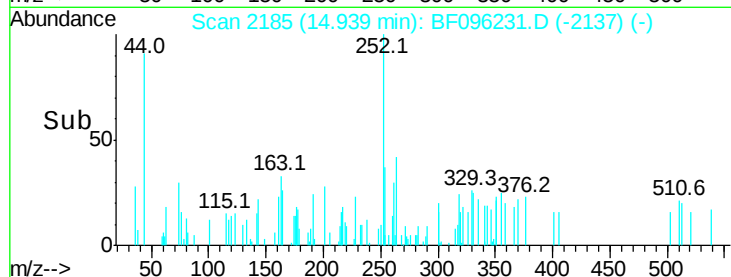
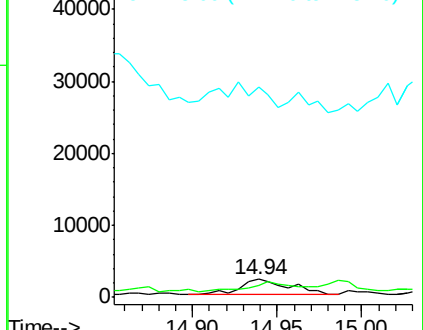
125 1180.8 13.1 19.7#



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



#89

Benzo(a)pyrene

Concen: 0.089 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

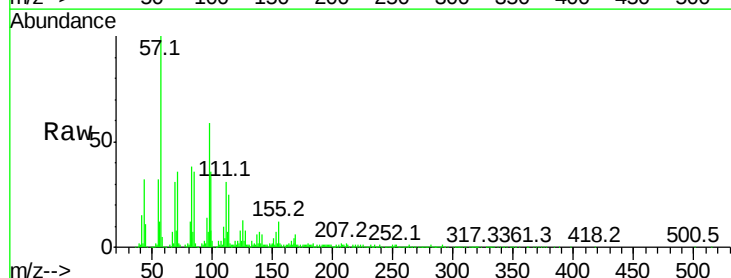
Tgt Ion:252 Resp: 1459

Ion Ratio Lower Upper

252 100

253 82.9 17.5 26.3#

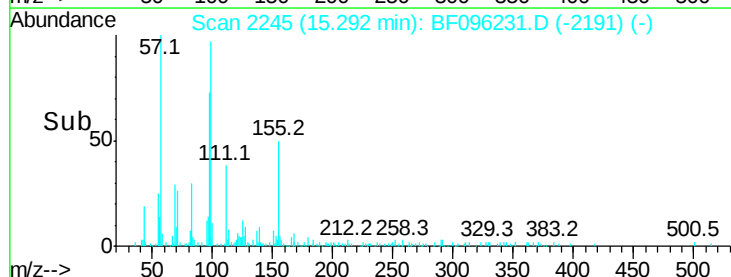
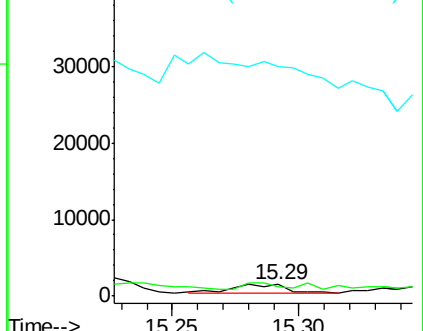
125 1943.4 11.0 16.4#

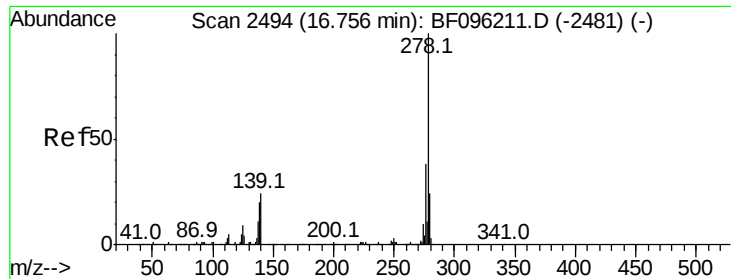


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.121 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-26-0-1.5

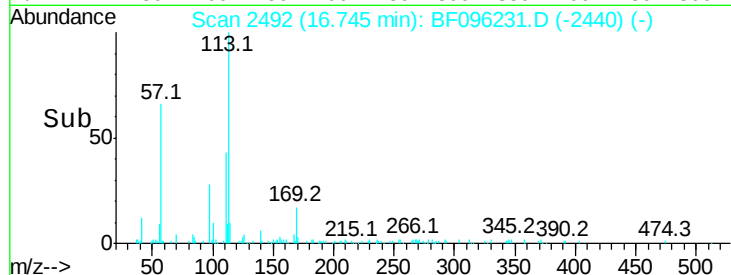
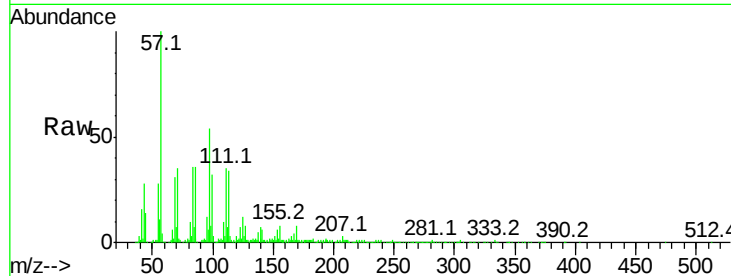
Tot Ion:278 Resp: 1546

Ion Ratio Lower Upper

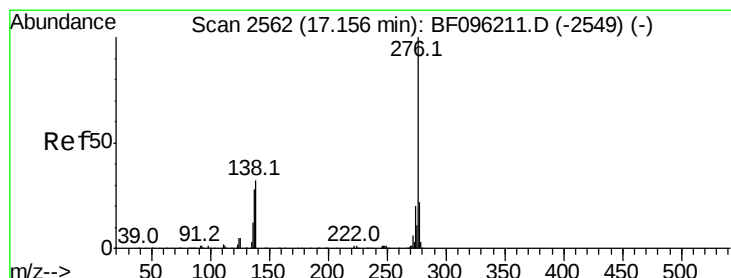
278 100

139 1860.3 16.6 24.8#

279 70.3 19.3 28.9#



Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.244 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

Lab File: BF096231.D

Acq: 27 Jun 2017 22:12

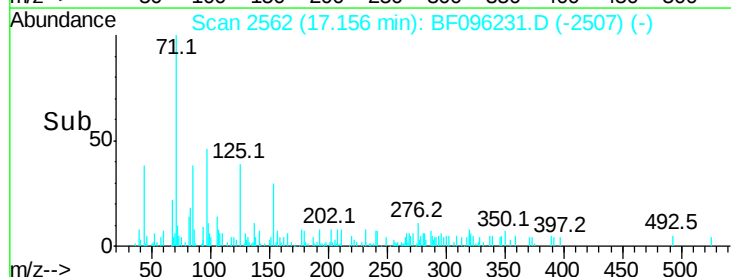
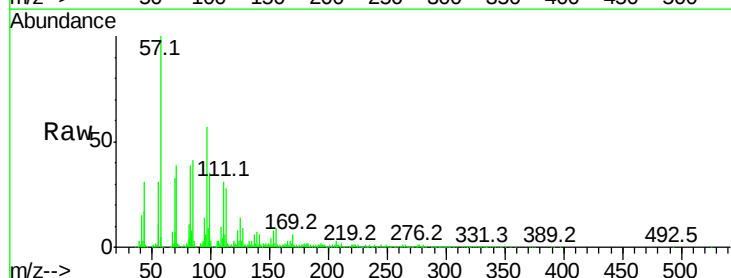
Tgt Ion:276 Resp: 3259

Ion Ratio Lower Upper

276 100

277 73.7 18.6 28.0#

138 236.7 25.4 38.0#



Time-->