

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025621.D
 Acq On : 24 Jan 2017 23:47
 Operator : UM/SJ
 Sample : I1316-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP21

Quant Time: Jan 25 02:37:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:29:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	134	20.00	ng/ul	0.07
18) Naphthalene-d8	11.13	136	264	20.00	ng/ul	0.13
35) Acenaphthene-d10	14.93	164	154	20.00	ng/ul	0.12
61) Phenanthrene-d10	17.65	188	772847	20.00	ng/ul	0.10
75) Chrysene-d12	21.97	240	952	20.00	ng/ul	0.12
83) Perylene-d12	25.36	264	1017	20.00	ng/ul	0.13

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5826	2175.36	ng/uL	0.00
5) Phenol-d5	7.34	99	131516	11451.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	94423	12730.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	831	102.59	ng/ul	0.12
13) 4-Methylphenol-d8	8.90	113	85289	8736.41	ng/ul	0.00
19) Nitrobenzene-d5	9.48	128	405	216.43	ng/ul	0.12
22) 2-Nitrophenol-d4	10.20	143	181	81.06	ng/ul	0.11
26) 2,4-Dichlorophenol-d3	10.72	165	2107	478.32	ng/ul	0.08
29) 4-Chloroaniline-d4	11.29	131	1089	221.16	ng/ul	0.14
43) Dimethylphthalate-d6	14.32	166	331	30.44	ng/ul	0.11
46) Acenaphthylene-d8	14.60	160	1025	87.26	ng/ul	0.10
51) 4-Nitrophenol-d4	15.19	143	1615	1083.77	ng/ul	0.14
57) Fluorene-d10	15.91	176	179	17.46	ng/ul	0.11
62) 4,6-Dinitro-2-methylphenol	15.94	200	66836	14.02	ng/ul	0.00
70) Anthracene-d10	17.77	188	734	0.02	ng/ul	0.11
76) Pyrene-d10	20.03	212	989	24.97	ng/ul	0.10
87) Benzo(a)pyrene-d12	25.13	264	1142	26.72	ng/ul	0.13

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	547	172.93	ng/uL#	14
4) Benzaldehyde	7.36	77	1324	167.41	ng/ul#	34
6) Phenol	7.44	94	212	17.57	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.66	93	100	11.60	ng/ul#	12
10) 2-Chlorophenol	7.86	128	85	10.59	ng/ul#	23
11) 2-Methylphenol	8.71	108	86	9.57	ng/ul#	2
12) 2,2'-oxybis(1-Chloropropan	8.79	45	99	6.05	ng/ul#	71
14) Acetophenone	9.09	105	77	5.05	ng/ul#	1
15) N-Nitroso-di-n-propylamine	9.08	70	114	12.49	ng/ul#	90
16) 4-Methylphenol	9.04	108	109	11.06	ng/ul#	1
17) Hexachloroethane	9.36	117	139	37.21	ng/ul#	1
20) Nitrobenzene	9.45	77	185	30.88	ng/ul#	47
21) Isophorone	10.03	82	96	8.53	ng/ul#	67
23) 2-Nitrophenol	10.21	139	61	26.75	ng/ul#	15
24) 2,4-Dimethylphenol	10.29	107	56	10.19	ng/ul#	19
25) Bis(2-Chloroethoxy)methane	10.49	93	124	21.84	ng/ul#	52
28) Naphthalene	11.20	128	127	10.42	ng/ul#	68
30) 4-Chloroaniline	11.30	127	111	22.37	ng/ul#	39
31) Hexachlorobutadiene	11.44	225	58	15.52	ng/ul#	1
32) Caprolactam	12.08	113	111	61.72	ng/ul#	53
33) 4-Chloro-3-methylphenol	12.45	107	128	24.64	ng/ul#	25
34) 2-Methylnaphthalene	12.81	142	72	7.24	ng/ul#	7
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	97	20.92	ng/ul#	8

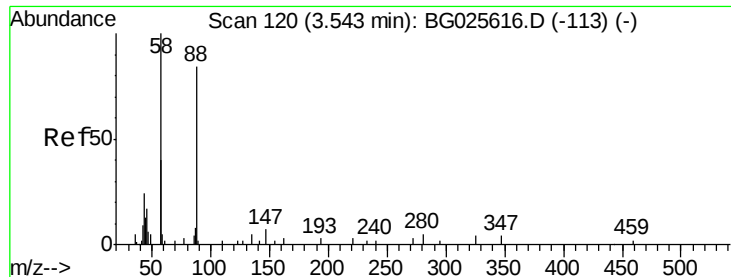
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	13.06	237	77	42.07	ng/ul#	27
38) 2,4,6-Trichlorophenol	13.37	196	80	28.50	ng/ul#	15
39) 2,4,5-Trichlorophenol	13.46	196	78	26.49	ng/ul#	11
40) 1,1'-Biphenyl	13.75	154	66	6.92	ng/ul#	1
41) 2-Chloronaphthalene	13.80	162	96	12.96	ng/ul#	40
42) 2-Nitroaniline	14.04	65	118	36.75	ng/ul#	14
44) Dimethylphthalate	14.37	163	63	5.89	ng/ul#	75
45) 2,6-Dinitrotoluene	14.49	165	59	26.80	ng/ul#	1
47) Acenaphthylene	14.65	152	58	5.07	ng/ul#	59
48) 3-Nitroaniline	14.90	138	182	91.39	ng/ul#	1
49) Acenaphthene	15.00	153	72	8.84	ng/ul#	13
50) 2,4-Dinitrophenol	15.14	184	70	54.10	ng/ul#	8
52) 4-Nitrophenol	15.17	109	192	93.00	ng/ul#	78
53) Dibenzofuran	15.34	168	74	5.91	ng/ul#	33
54) 2,4-Dinitrotoluene	15.31	165	75	22.34	ng/ul#	24
55) 2,3,4,6-Tetrachlorophenol	15.51	232	108	34.67	ng/ul#	41
56) Diethylphthalate	15.74	149	76	6.57	ng/ul#	59
58) Fluorene	16.00	166	66	6.45	ng/ul#	8
59) 4-Chlorophenyl-phenylether	16.02	204	105	18.20	ng/ul#	21
60) 4-Nitroaniline	15.99	138	81	42.02	ng/ul#	1
77) Pyrene	20.08	202	175	3.74	ng/ul#	76
78) Butylbenzylphthalate	20.92	149	403	22.14	ng/ul#	59
79) 3,3'-Dichlorobenzidine	21.85	252	128	7.33	ng/ul#	1
80) Benzo(a)anthracene	21.89	228	159637	3173.13	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	1432	56.35	ng/ul#	54
82) Chrysene	22.01	228	218	4.61	ng/ul#	49
84) Di-n-octyl phthalate	23.02	149	181	4.15	ng/ul	100
85) Benzo(b)fluoranthene	24.32	252	399	7.58	ng/ul#	1
86) Benzo(k)fluoranthene	24.33	252	684	13.85	ng/ul#	29
88) Benzo(a)pyrene	25.17	252	556	11.17	ng/ul#	71
89) Indeno(1,2,3-cd)pyrene	29.29	276	377	5.98	ng/ul#	19
90) Dibenzo(a,h)anthracene	29.32	278	559	10.64	ng/ul#	56
91) Benzo(g,h,i)perylene	30.51	276	159	3.07	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 172.93 ng/uL

RT: 3.56 min Scan# 123

Delta R.T. 0.02 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

BDP21

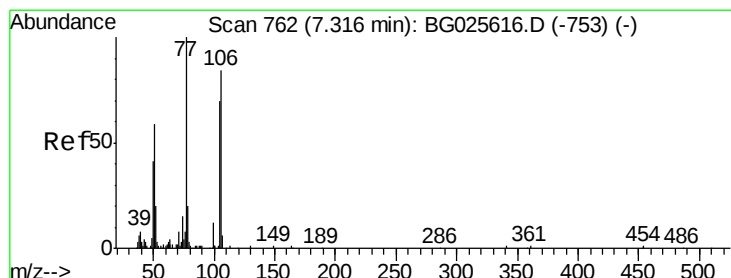
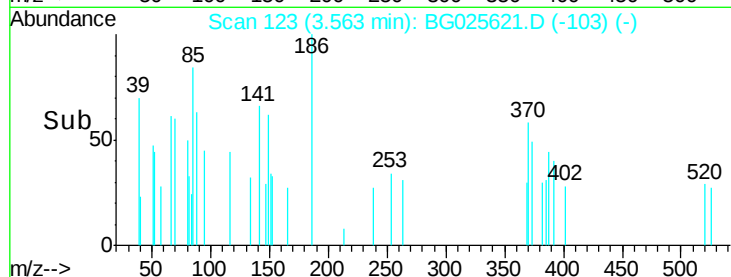
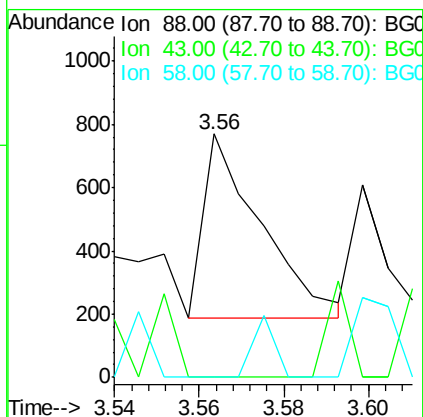
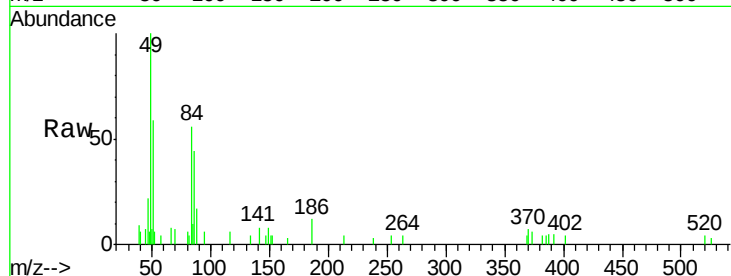
Tgt Ion: 88 Resp: 547

Ion Ratio Lower Upper

88 100

43 0.0 39.2 58.8#

58 0.0 69.4 104.0#



#4

Benzaldehyde

Concen: 167.41 ng/uL

RT: 7.36 min Scan# 770

Delta R.T. 0.05 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

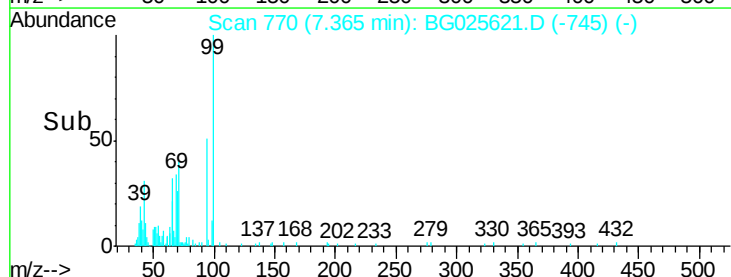
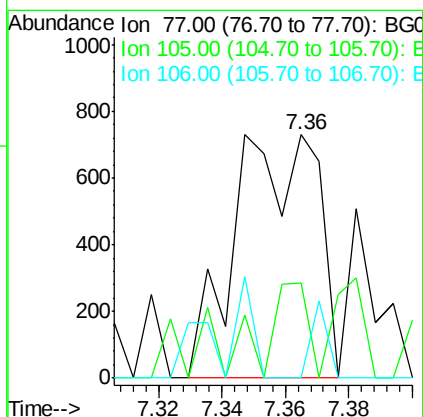
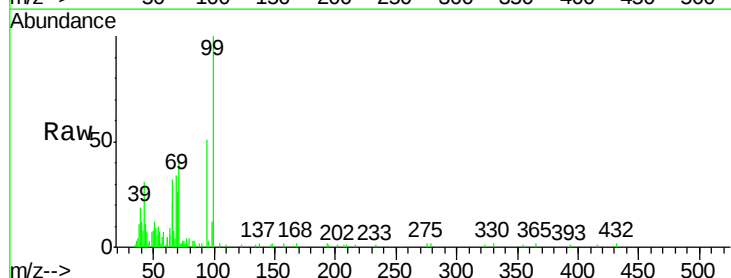
Tgt Ion: 77 Resp: 1324

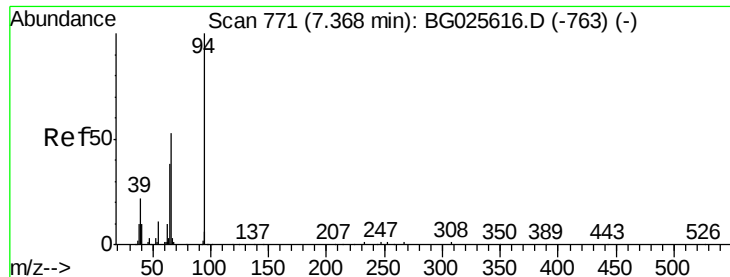
Ion Ratio Lower Upper

77 100

105 39.0 62.0 93.0#

106 0.0 60.2 90.4#





#6

Phenol

Concen: 17.57 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. 0.07 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

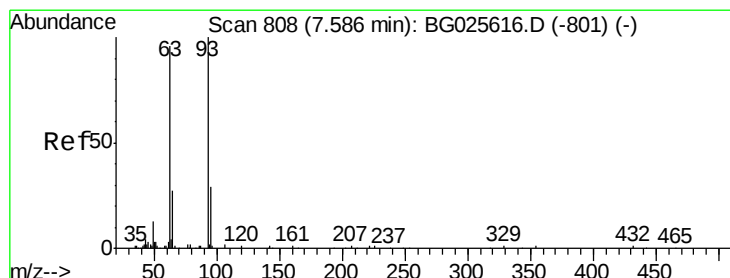
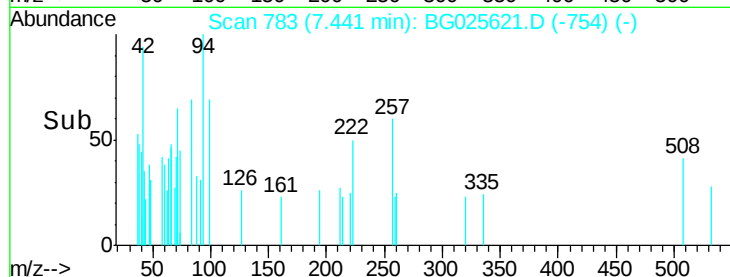
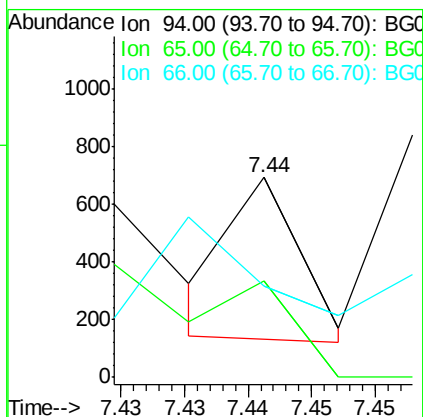
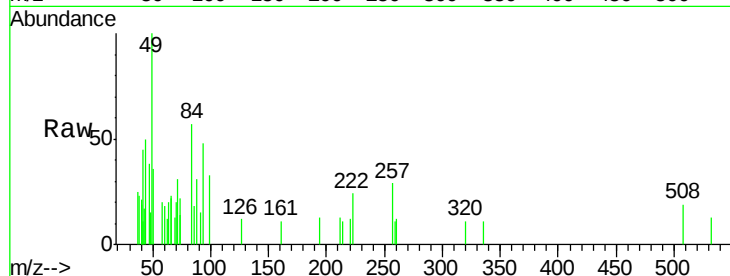
Tgt Ion: 94 Resp: 212

Ion Ratio Lower Upper

94 100

65 48.3 26.8 40.2#

66 46.0 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 11.60 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. 0.07 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

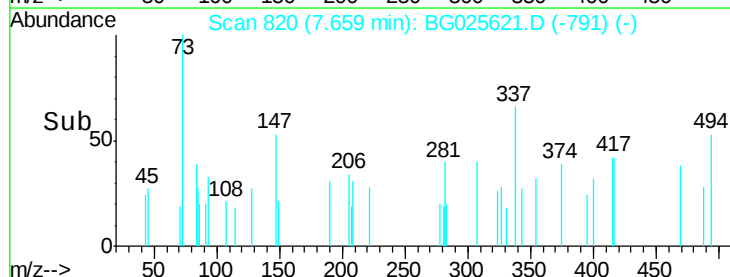
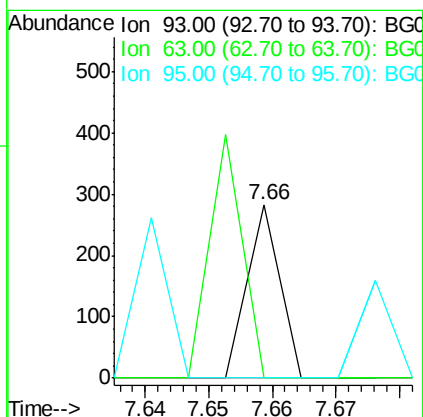
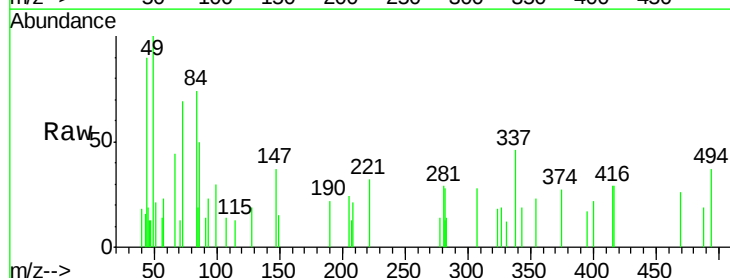
Tgt Ion: 93 Resp: 100

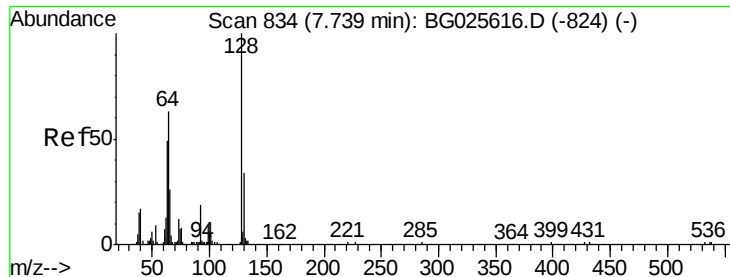
Ion Ratio Lower Upper

93 100

63 0.0 75.5 113.3#

95 0.0 29.2 43.8#





#10

2-Chlorophenol

Concen: 10.59 ng/ul

RT: 7.86 min Scan# 854

Delta R.T. 0.12 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

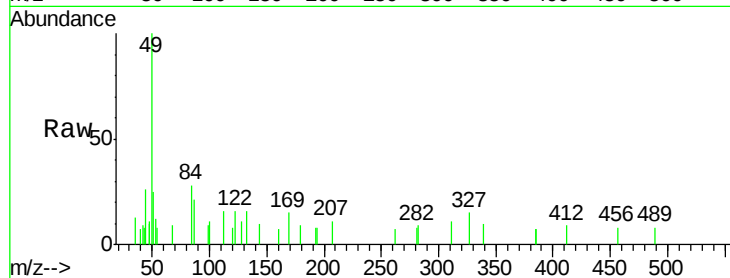
Tgt Ion:128 Resp: 85

Ion Ratio Lower Upper

128 100

64 0.0 56.3 84.5#

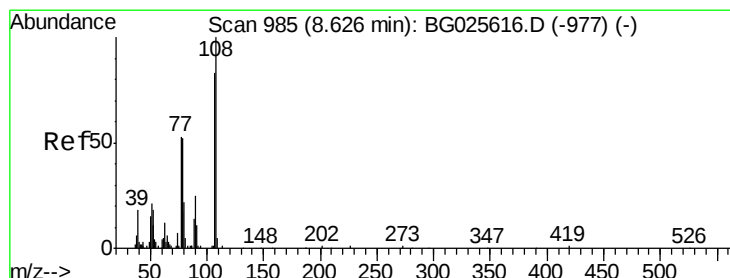
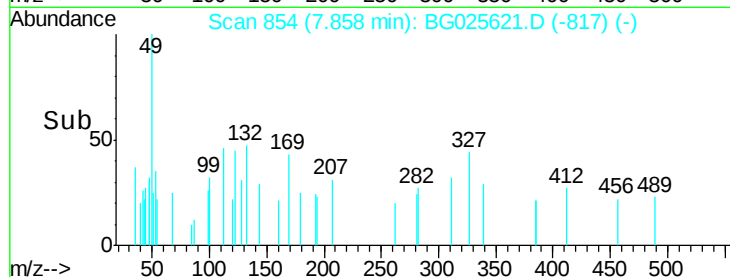
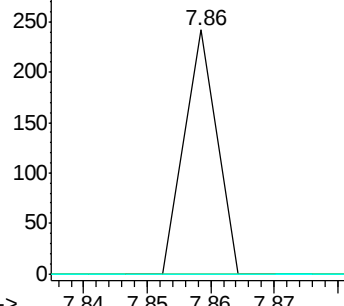
130 0.0 26.7 40.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGD

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 9.57 ng/ul

RT: 8.71 min Scan# 999

Delta R.T. 0.08 min

Lab File: BG025621.D

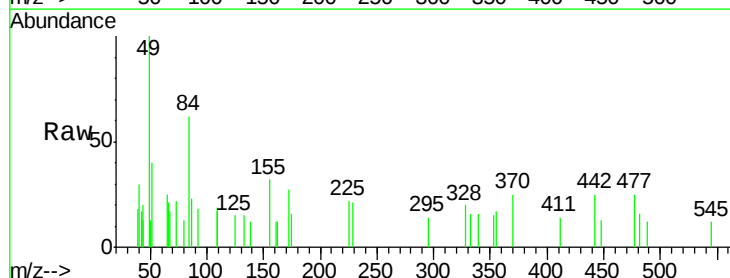
Acq: 24 Jan 2017 23:47

Tgt Ion:108 Resp: 86

Ion Ratio Lower Upper

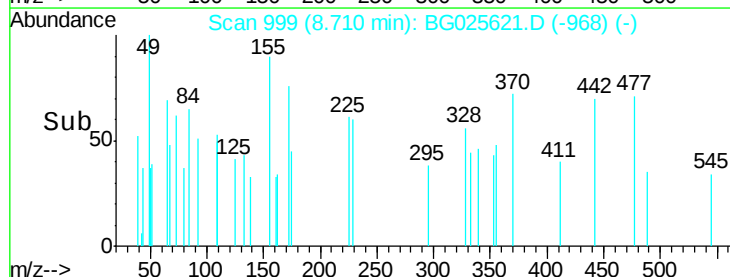
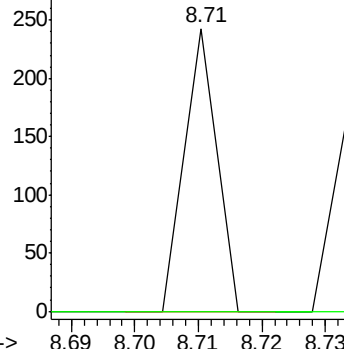
108 100

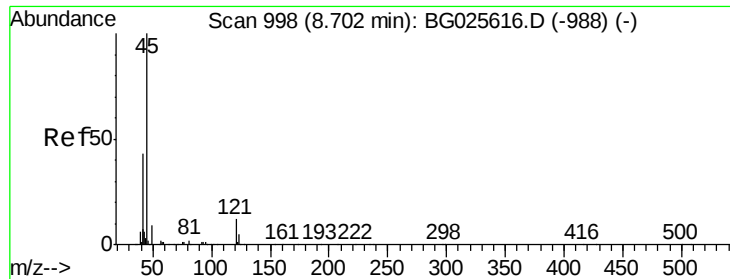
107 0.0 76.7 115.1#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

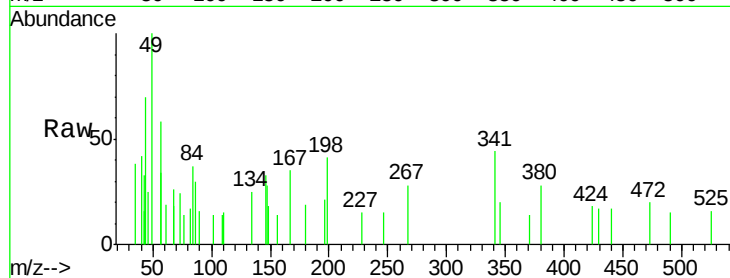




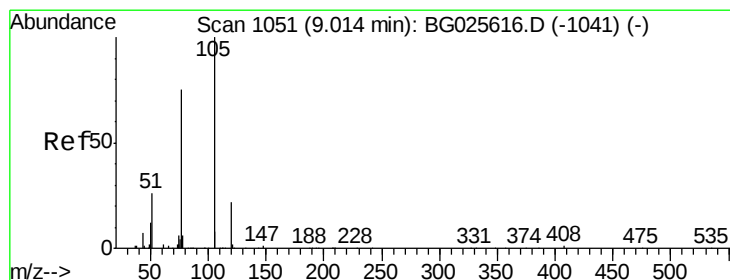
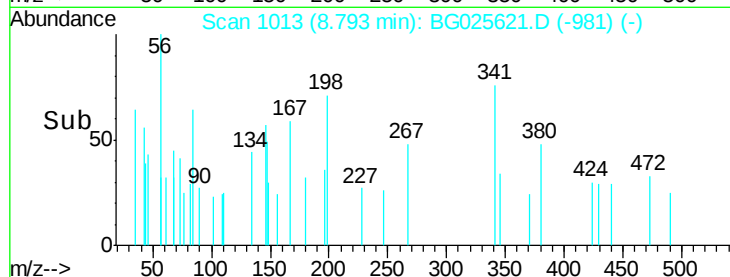
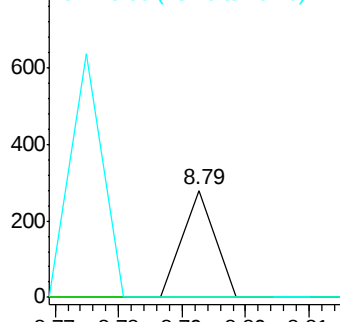
#12
2,2'-oxybis(1-chloropropane)
Concen: 6.05 ng/ul
RT: 8.79 min Scan# 1013
Delta R.T. 0.09 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Instrument :
BNA_G
ClientSampleId :
BDP21

Tgt Ion: 45 Resp: 99
Ion Ratio Lower Upper
45 100
77 0.0 10.0 15.0#
79 0.0 7.3 10.9#

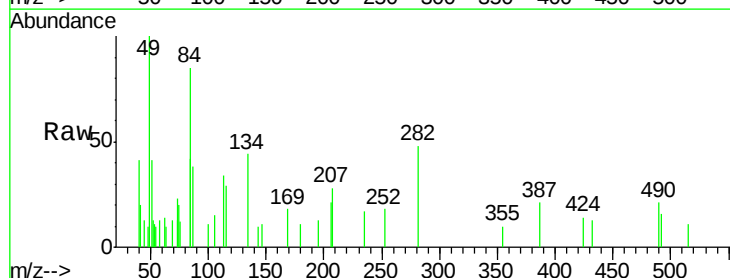


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

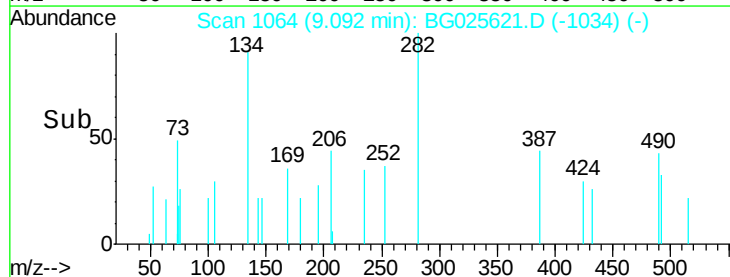
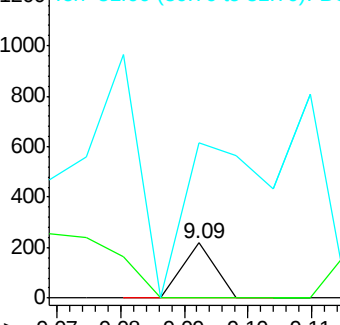


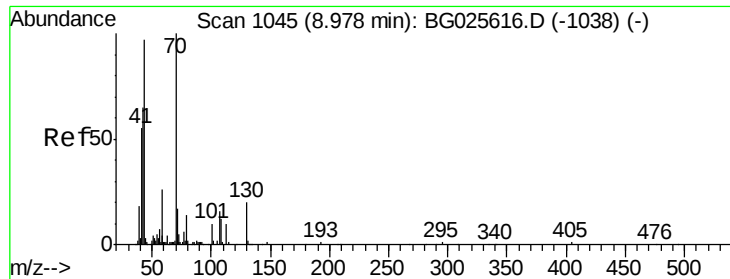
#14
Acetophenone
Concen: 5.05 ng/ul
RT: 9.09 min Scan# 1064
Delta R.T. 0.08 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion: 105 Resp: 77
Ion Ratio Lower Upper
105 100
77 0.0 76.0 114.0#
51 280.4 34.8 52.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

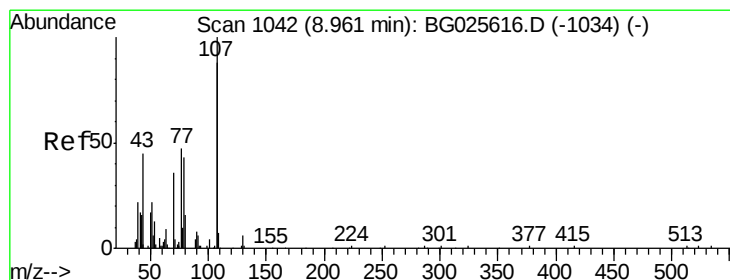
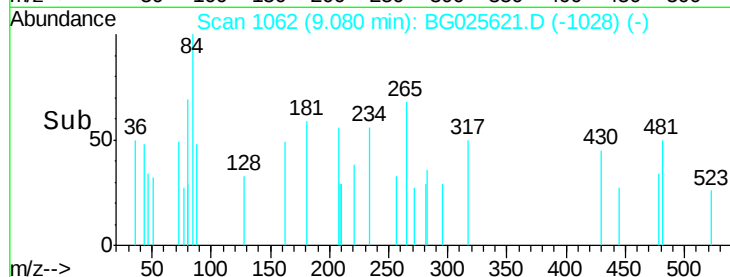
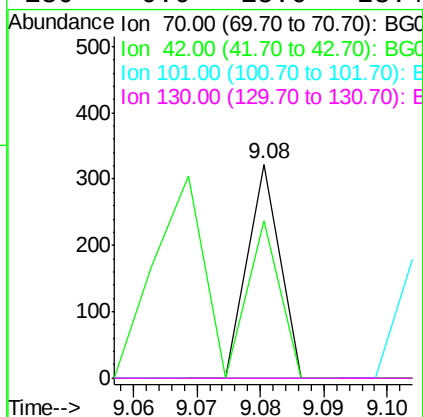
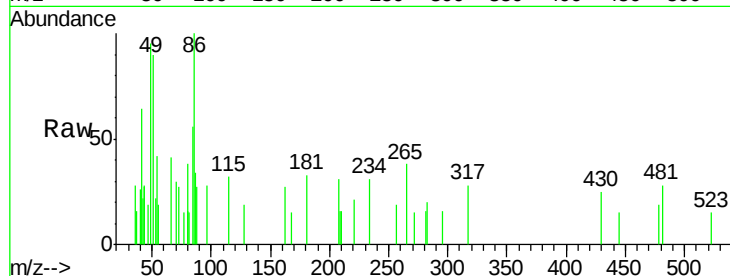




#15
N-Nitroso-di-n-propylamine
Concen: 12.49 ng/ul
RT: 9.08 min Scan# 1062
Delta R.T. 0.10 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

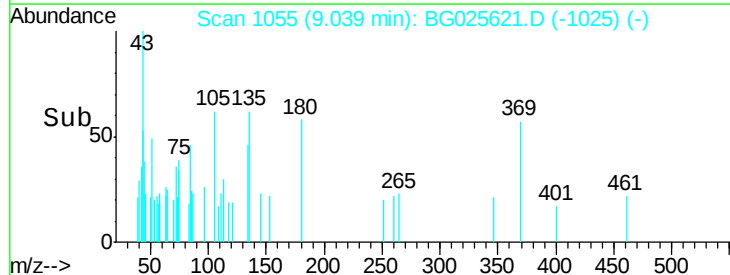
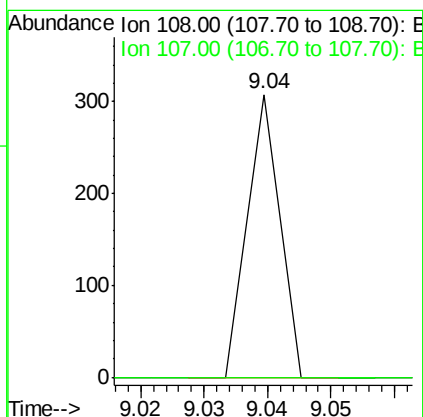
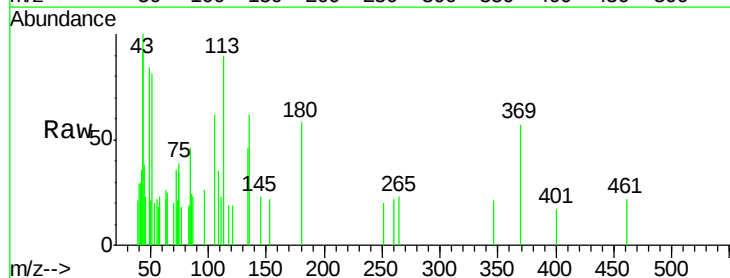
Instrument :
BNA_G
ClientSampled :
BDP21

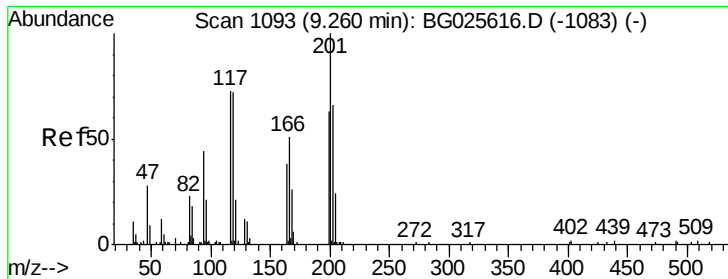
Tgt Ion: 70 Resp: 114
Ion Ratio Lower Upper
70 100
42 73.6 59.0 88.6
101 0.0 6.6 9.8#
130 0.0 15.6 23.4#



#16
4-Methylphenol
Concen: 11.06 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. 0.08 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion: 108 Resp: 109
Ion Ratio Lower Upper
108 100
107 0.0 91.7 137.5#

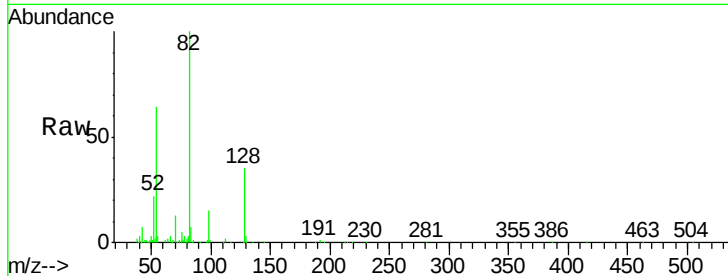




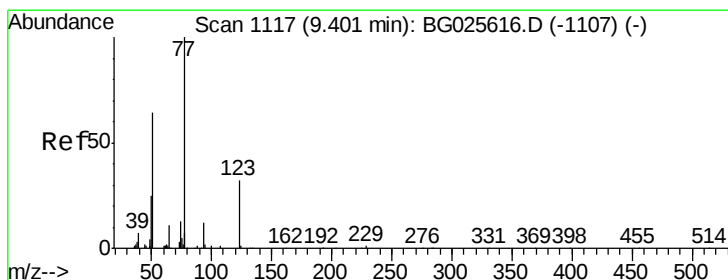
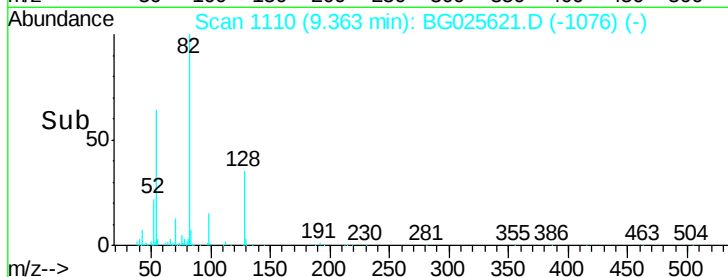
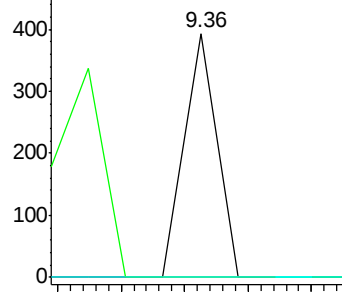
#17
Hexachloroethane
Concen: 37.21 ng/ul
RT: 9.36 min Scan# 1110
Delta R.T. 0.10 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Instrument :
BNA_G
ClientSampleId :
BDP21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

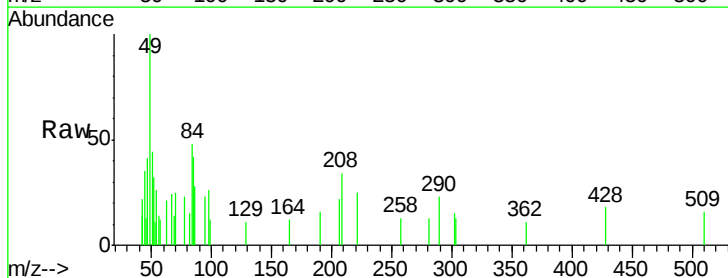


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

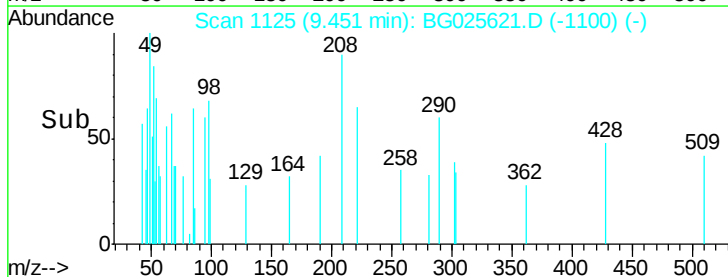
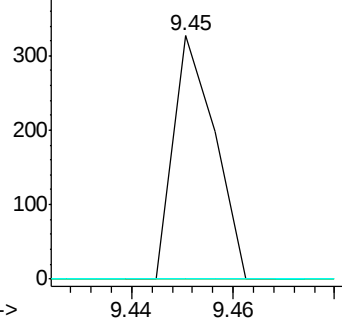


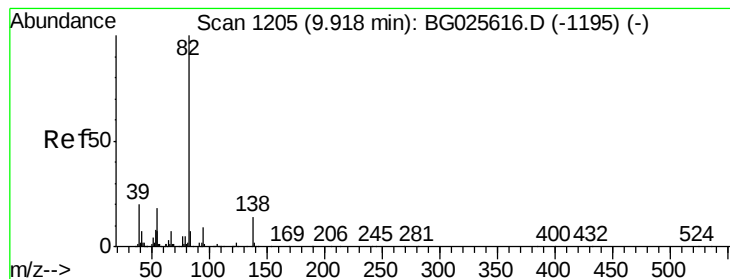
#20
Nitrobenzene
Concen: 30.88 ng/ul
RT: 9.45 min Scan# 1125
Delta R.T. 0.05 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	0.0	13.3	19.9#



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





#21

Isophorone

Concen: 8.53 ng/ul

RT: 10.03 min Scan# 1224

Delta R.T. 0.11 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

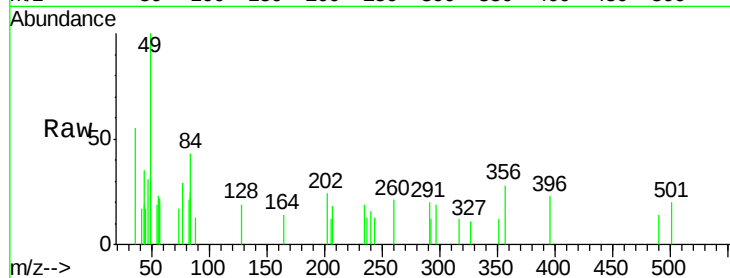
Tgt Ion: 82 Resp: 96

Ion Ratio Lower Upper

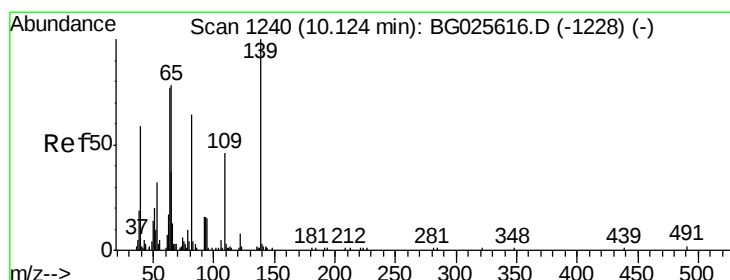
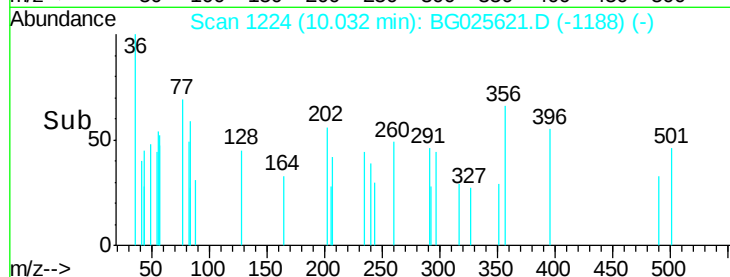
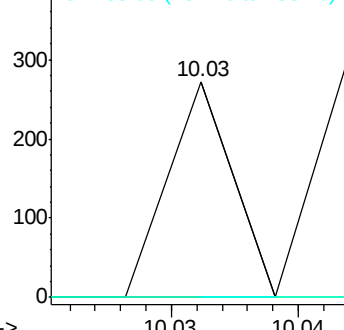
82 100

95 0.0 7.8 11.6#

138 0.0 12.2 18.2#



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



#23

2-Nitrophenol

Concen: 26.75 ng/ul

RT: 10.21 min Scan# 1255

Delta R.T. 0.09 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

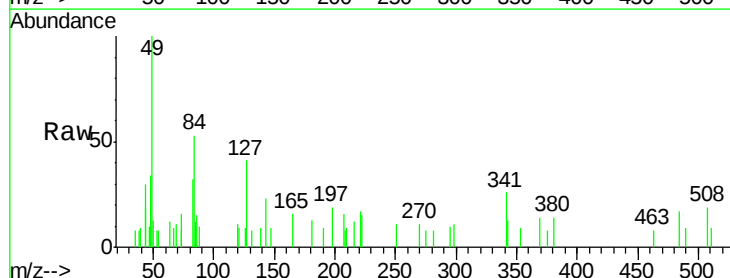
Tgt Ion: 139 Resp: 61

Ion Ratio Lower Upper

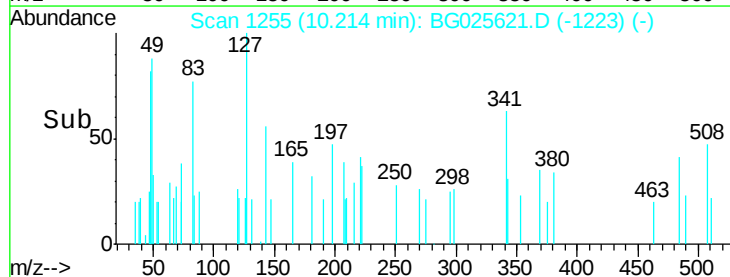
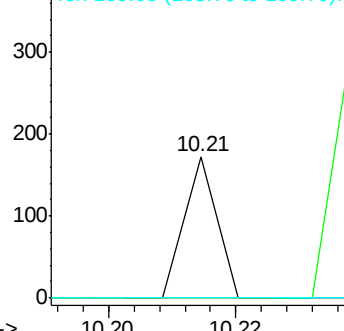
139 100

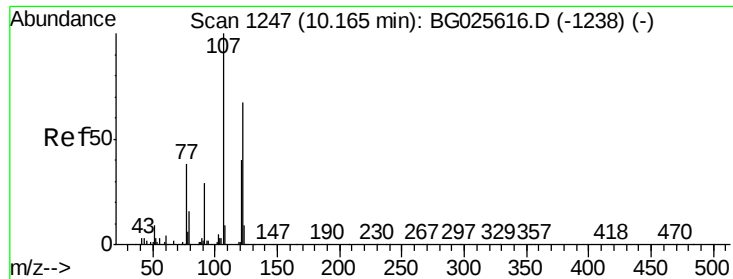
65 0.0 67.0 100.6#

109 0.0 39.6 59.4#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC





#24

2,4-Dimethylphenol

Concen: 10.19 ng/ul

RT: 10.29 min Scan# 1268

Delta R.T. 0.13 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

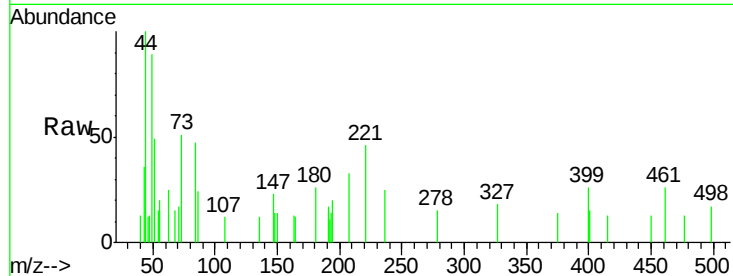
Instrument :

BNA_G

ClientSampled :

BDP21

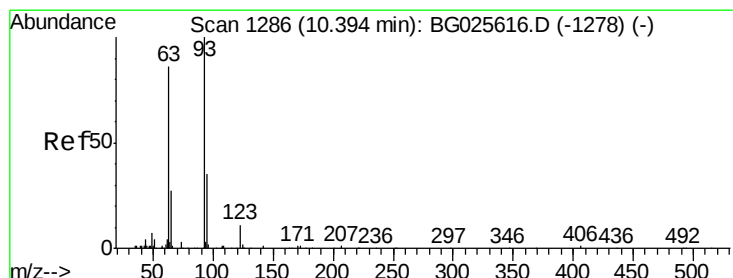
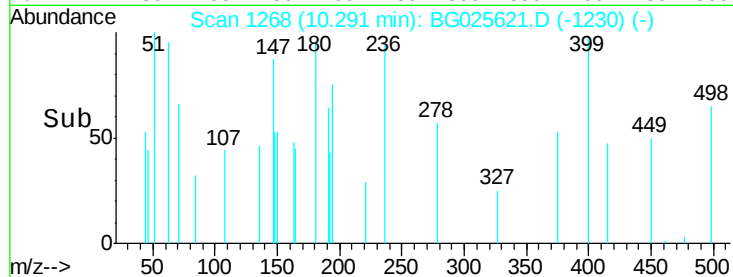
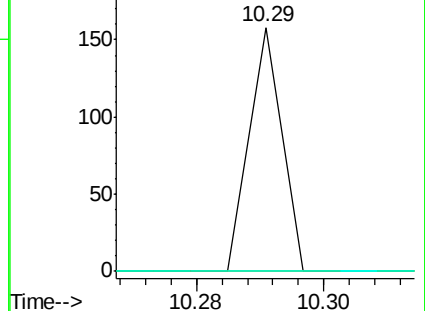
Tgt Ion:	107	Resp:	56
Ion	Ratio	Lower	Upper
107	100		
121	0.0	32.3	48.5#
122	0.0	61.2	91.8#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 21.84 ng/ul

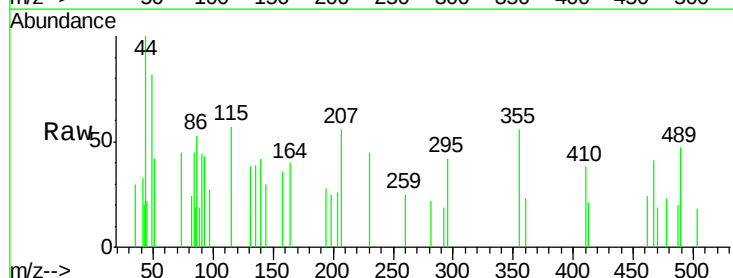
RT: 10.49 min Scan# 1302

Delta R.T. 0.10 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

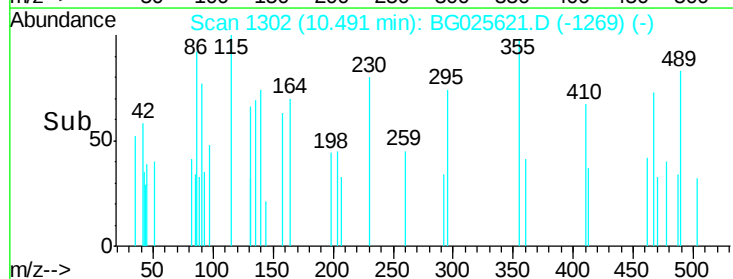
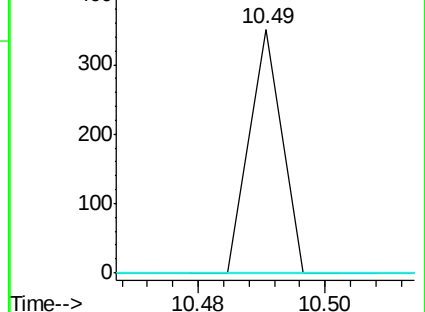
Tgt Ion:	93	Resp:	124
Ion	Ratio	Lower	Upper
93	100		
95	0.0	23.4	35.0#
123	0.0	7.8	11.6#

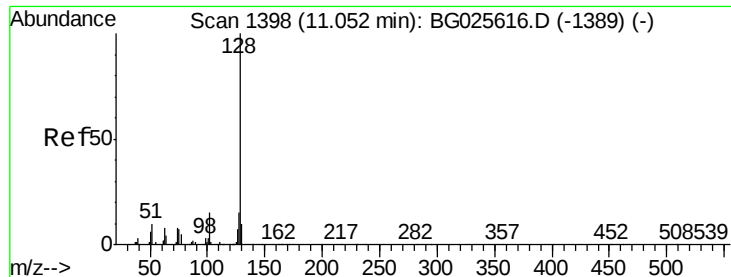


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#28

Naphthalene

Concen: 10.42 ng/ul

RT: 11.20 min Scan# 1422

Delta R.T. 0.14 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

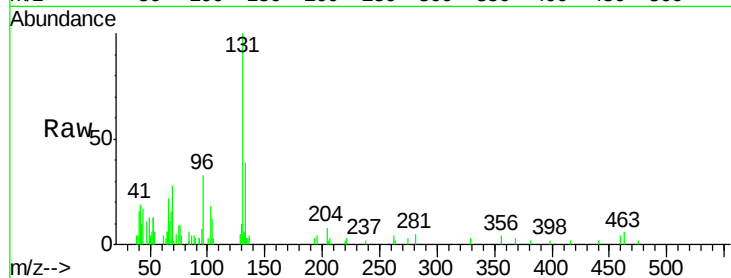
Tgt Ion:128 Resp: 127

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

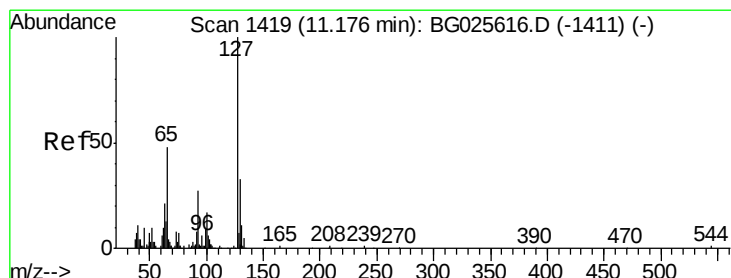
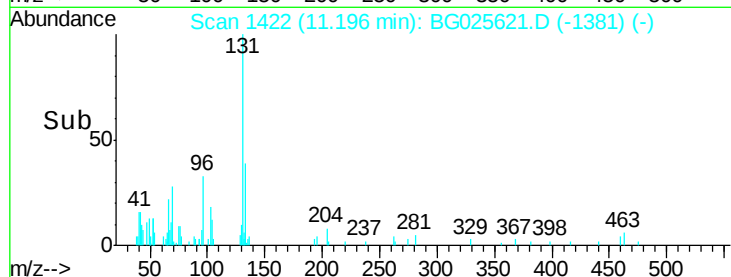
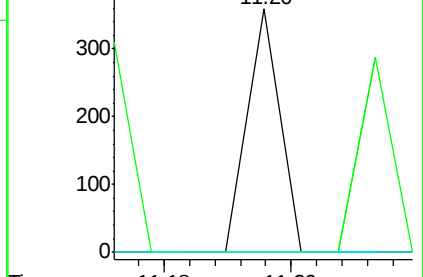
127 0.0 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 22.37 ng/ul

RT: 11.30 min Scan# 1440

Delta R.T. 0.13 min

Lab File: BG025621.D

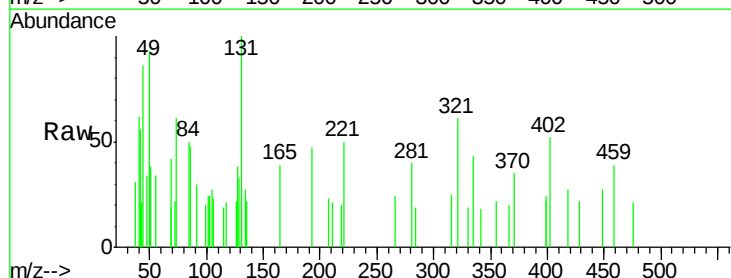
Acq: 24 Jan 2017 23:47

Tgt Ion:127 Resp: 111

Ion Ratio Lower Upper

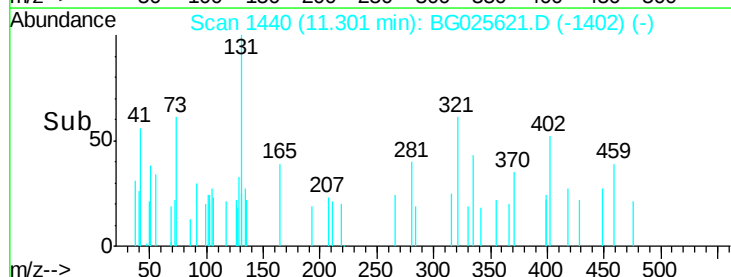
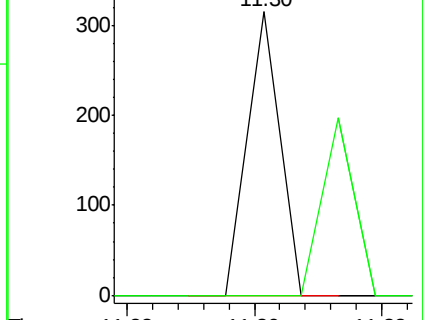
127 100

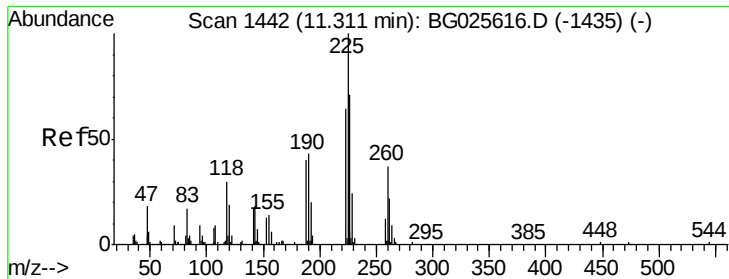
129 0.0 28.9 43.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 15.52 ng/ul

RT: 11.44 min Scan# 1464

Delta R.T. 0.13 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

BDP21

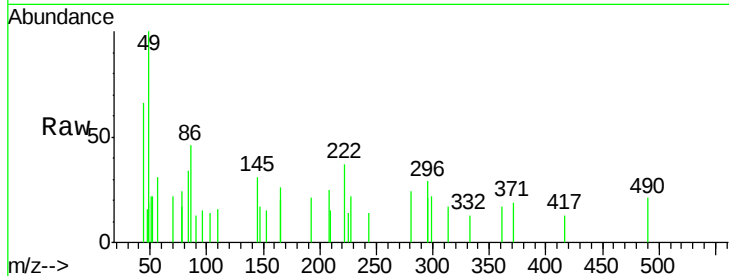
Tgt Ion:225 Resp: 58

Ion Ratio Lower Upper

225 100

223 0.0 45.9 68.9#

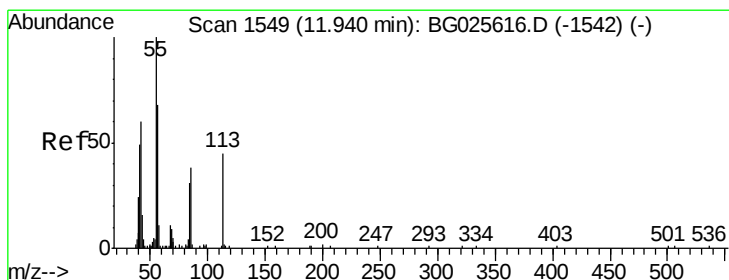
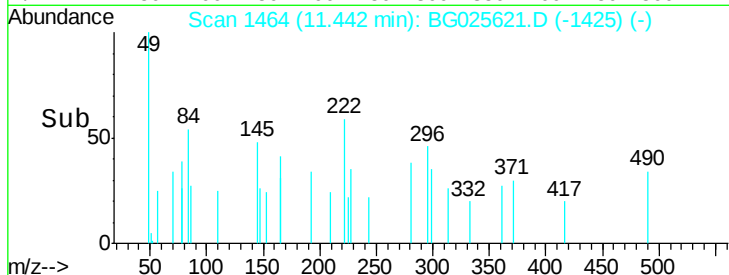
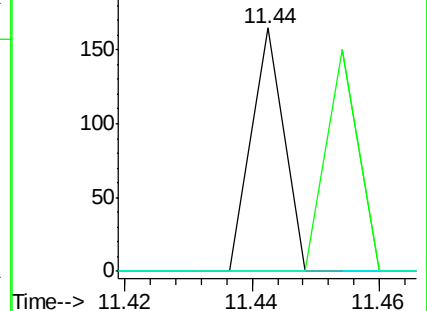
227 161.8 44.7 67.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#32

Caprolactam

Concen: 61.72 ng/ul

RT: 12.08 min Scan# 1572

Delta R.T. 0.14 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

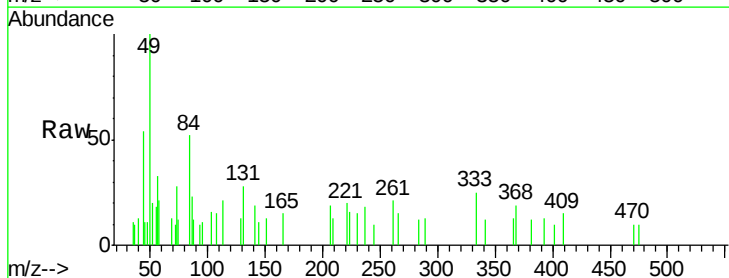
Tgt Ion:113 Resp: 111

Ion Ratio Lower Upper

113 100

55 85.4 168.6 252.8#

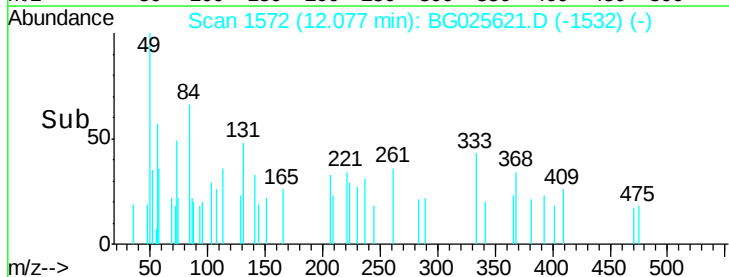
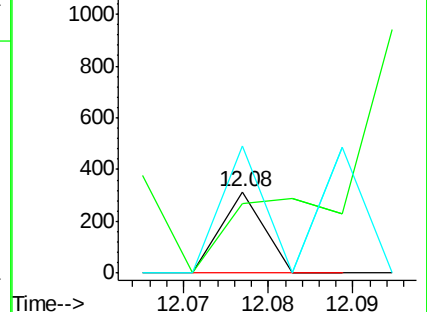
56 156.7 128.5 192.7

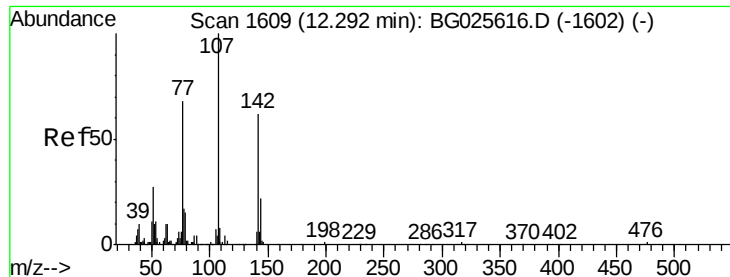


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#33

4-Chloro-3-methylphenol

Concen: 24.64 ng/ul

RT: 12.45 min Scan# 1635

Delta R.T. 0.16 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

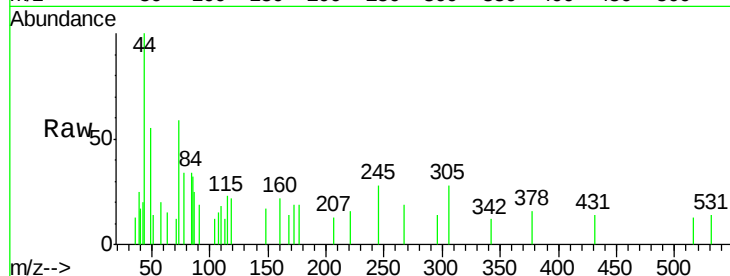
Tgt Ion:107 Resp: 128

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

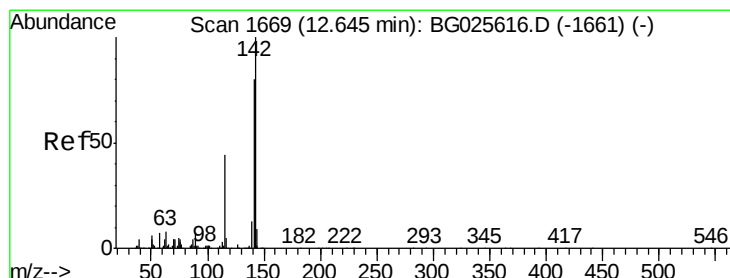
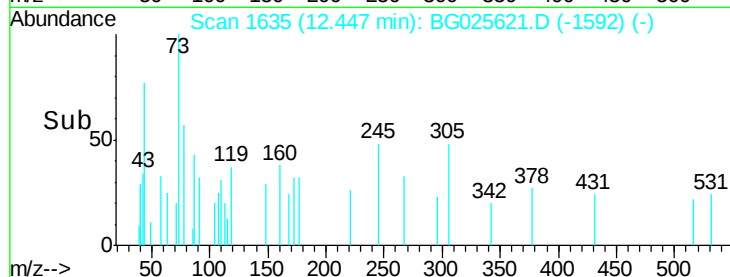
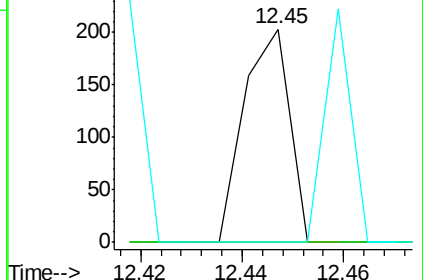
142 0.0 55.0 82.4#



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



#34

2-Methylnaphthalene

Concen: 7.24 ng/ul

RT: 12.81 min Scan# 1696

Delta R.T. 0.16 min

Lab File: BG025621.D

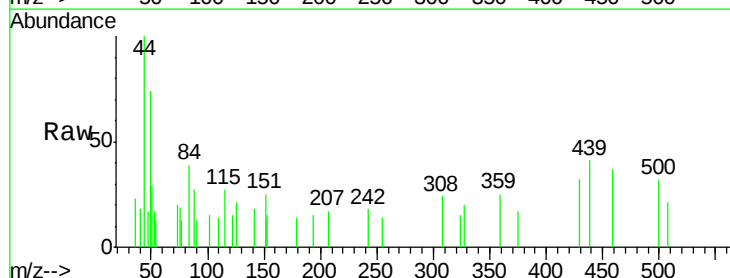
Acq: 24 Jan 2017 23:47

Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

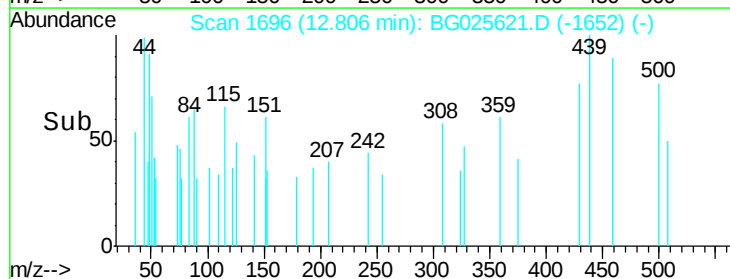
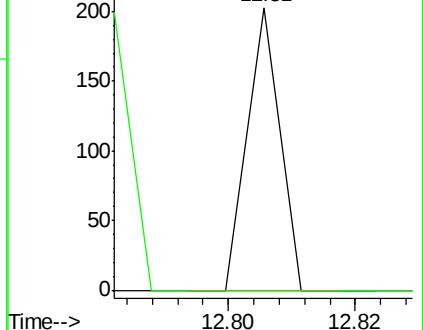
142 100

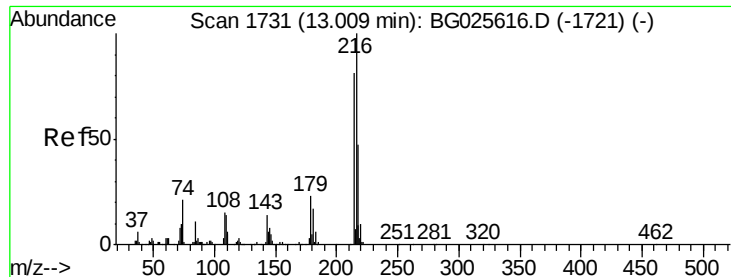
141 0.0 68.6 102.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

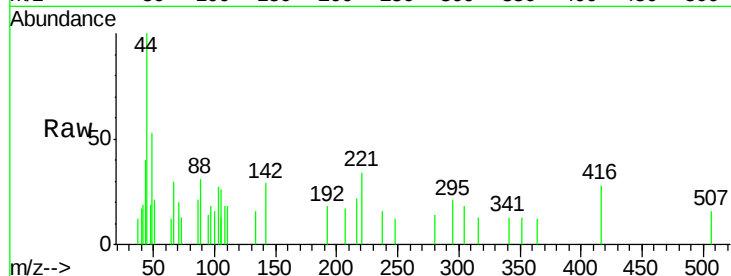




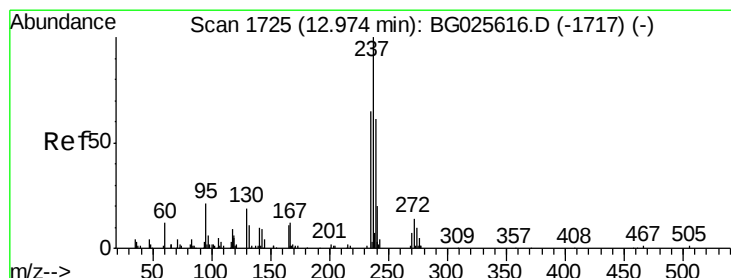
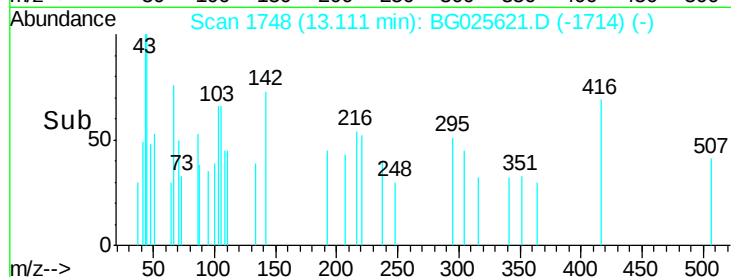
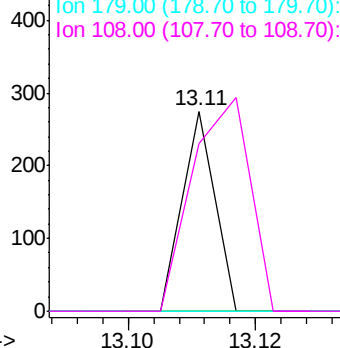
#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.92 ng/ul
RT: 13.11 min Scan# 1748
Delta R.T. 0.10 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Instrument :
BNA_G
ClientSampled :
BDP21

Tgt Ion:216 Resp: 97
Ion Ratio Lower Upper
216 100
214 0.0 67.0 100.6#
179 0.0 18.1 27.1#
108 83.6 14.1 21.1#

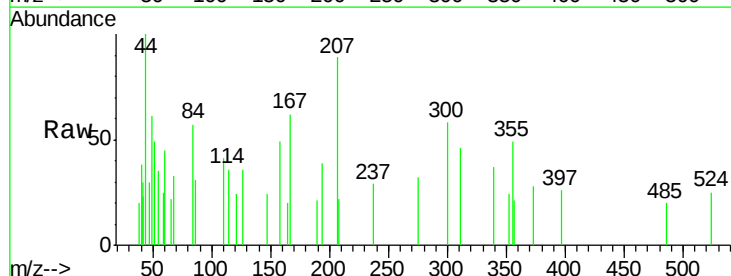


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

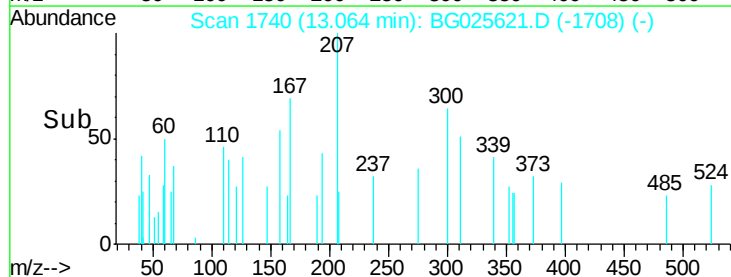
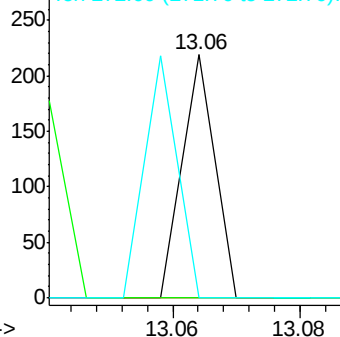


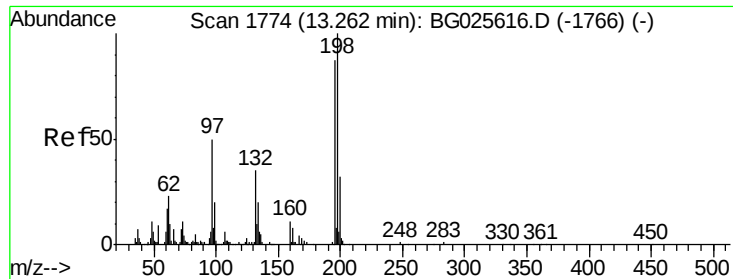
#37
Hexachlorocyclopentadiene
Concen: 42.07 ng/ul
RT: 13.06 min Scan# 1740
Delta R.T. 0.09 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion:237 Resp: 77
Ion Ratio Lower Upper
237 100
235 0.0 50.2 75.4#
272 0.0 10.6 16.0#



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

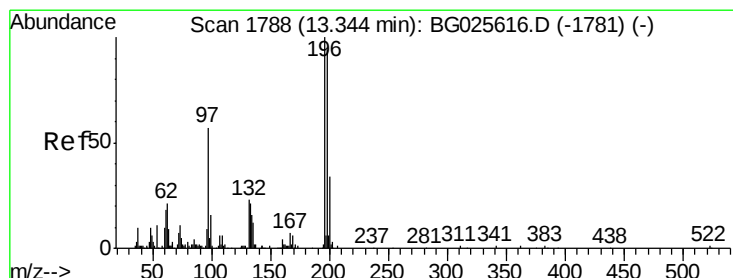
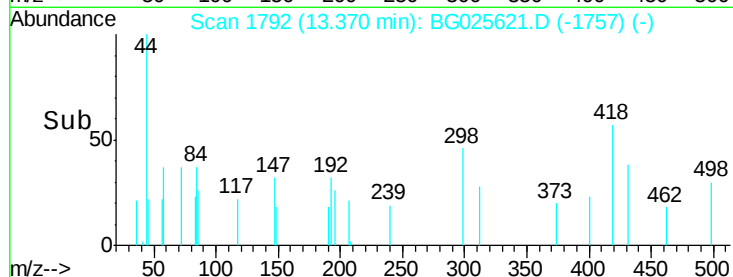
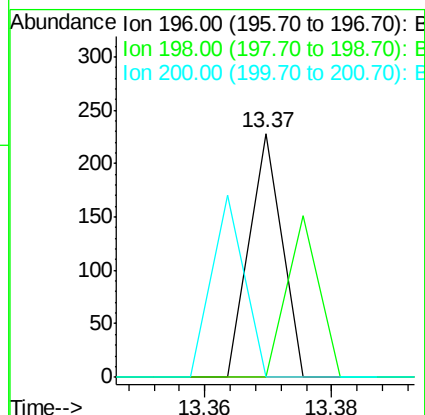
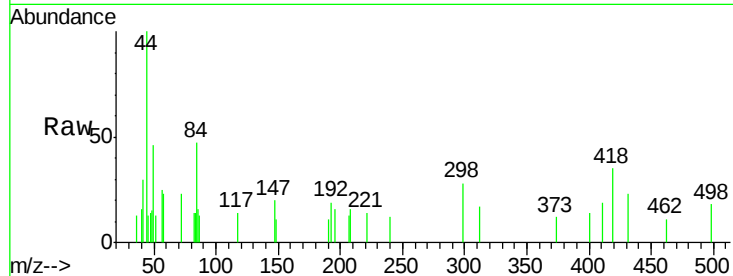




#38
 2,4,6-Trichlorophenol
 Concen: 28.50 ng/ul
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.11 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

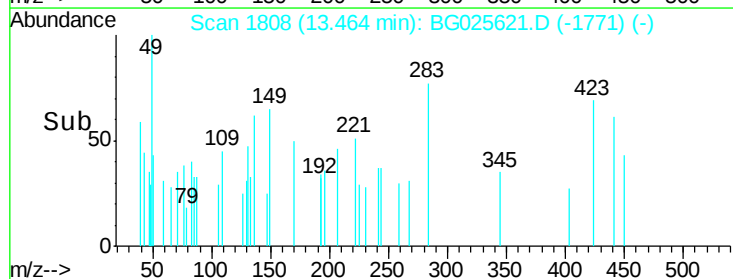
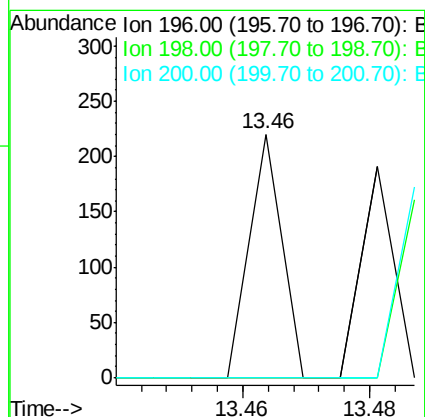
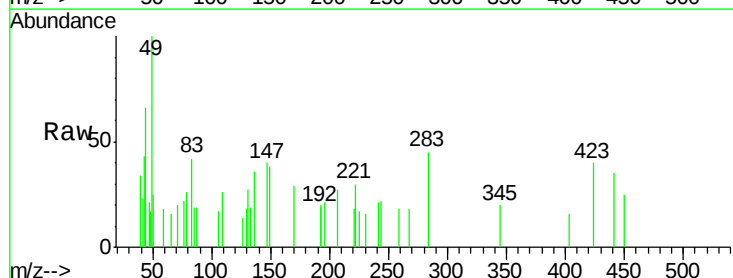
Instrument :
 BNA_G
 ClientSampleId :
 BDP21

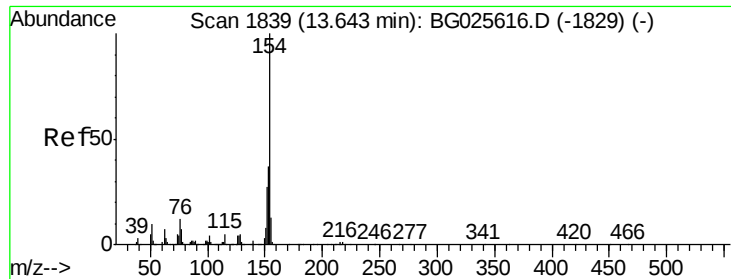
Tgt Ion:196 Resp: 80
 Ion Ratio Lower Upper
 196 100
 198 0.0 71.4 107.2#
 200 0.0 24.6 37.0#



#39
 2,4,5-Trichlorophenol
 Concen: 26.49 ng/ul
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.12 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

Tgt Ion:196 Resp: 78
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.6 118.0#
 200 0.0 27.3 40.9#





#40

1,1'-Biphenyl

Concen: 6.92 ng/ul

RT: 13.75 min Scan# 1856

Delta R.T. 0.10 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

BDP21

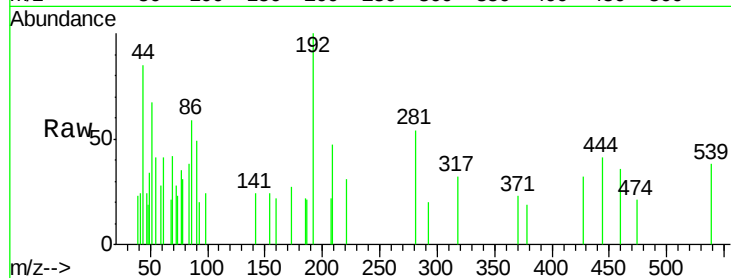
Tgt Ion:154 Resp: 66

Ion Ratio Lower Upper

154 100

153 0.0 32.2 48.2#

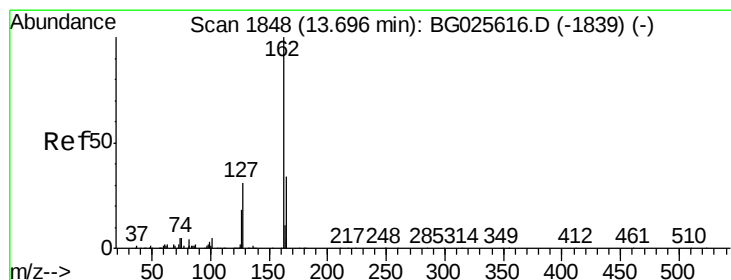
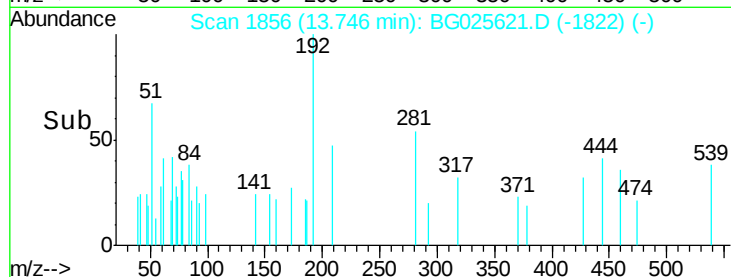
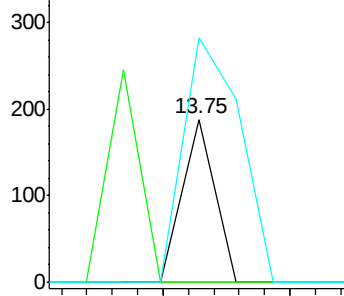
76 150.0 9.6 14.4#



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): BGD



#41

2-Chloronaphthalene

Concen: 12.96 ng/ul

RT: 13.80 min Scan# 1865

Delta R.T. 0.10 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

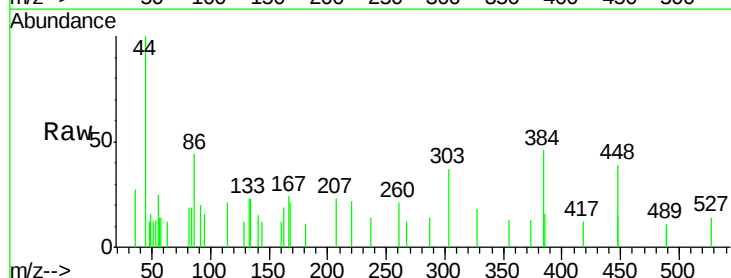
Tgt Ion:162 Resp: 96

Ion Ratio Lower Upper

162 100

164 0.0 25.0 37.6#

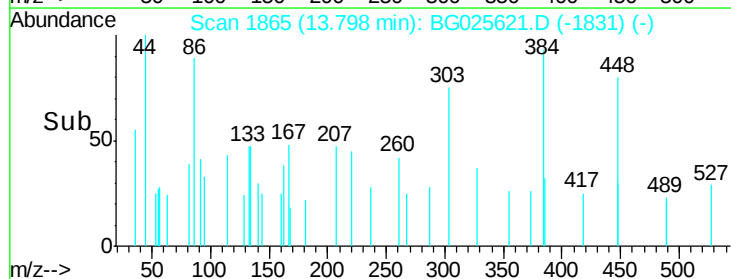
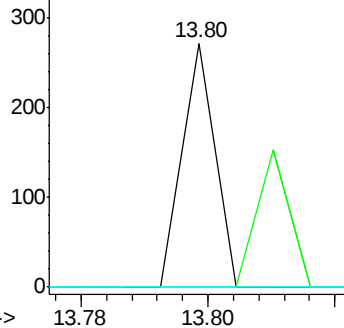
127 0.0 30.7 46.1#

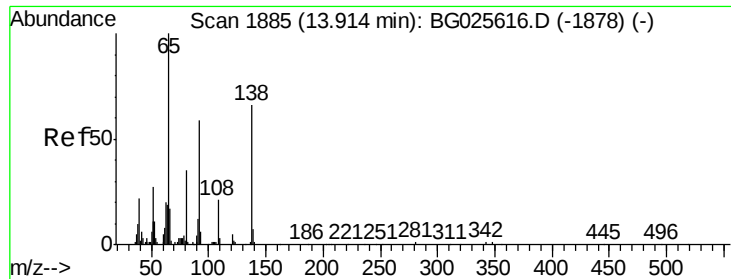


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

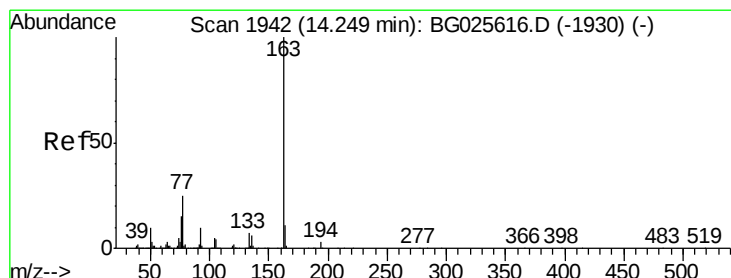
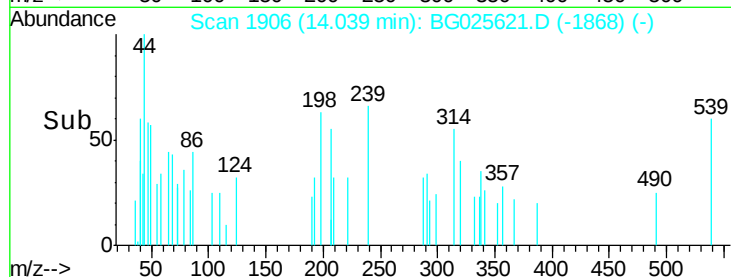
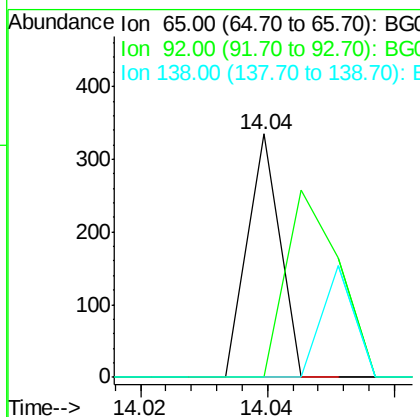
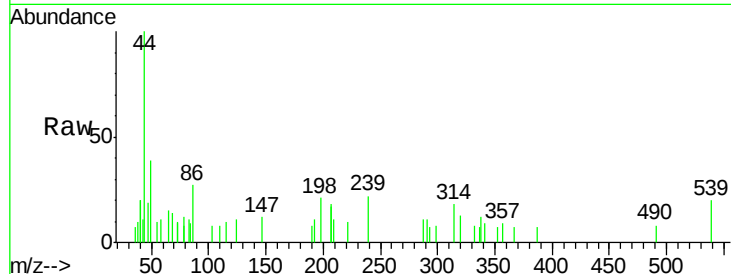




#42
2-Nitroaniline
Concen: 36.75 ng/ul
RT: 14.04 min Scan# 1906
Delta R.T. 0.13 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

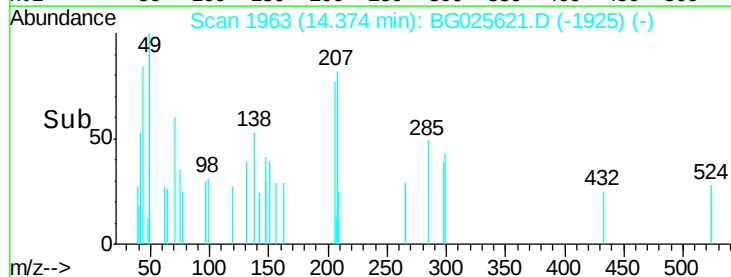
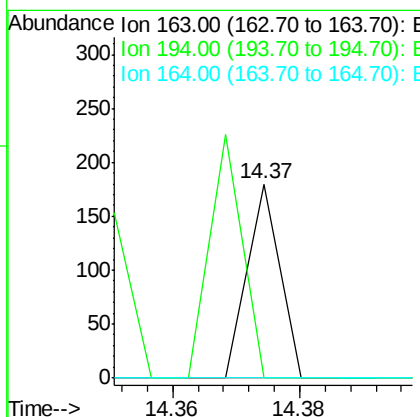
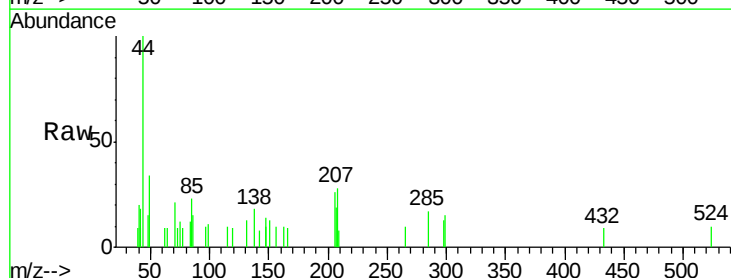
Instrument :
BNA_G
ClientSampleId :
BDP21

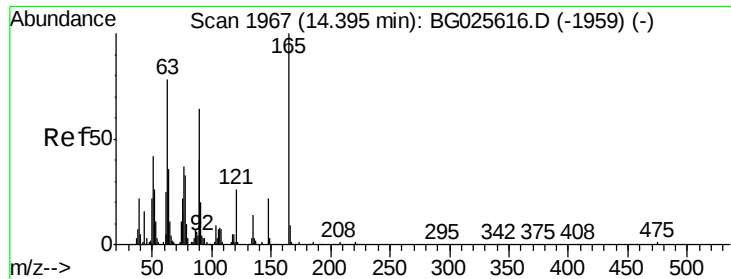
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 50.9 76.3#
138 0.0 61.8 92.6#



#44
Dimethylphthalate
Concen: 5.89 ng/ul
RT: 14.37 min Scan# 1963
Delta R.T. 0.13 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion: 163 Resp: 63
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 0.0 9.0 13.4#

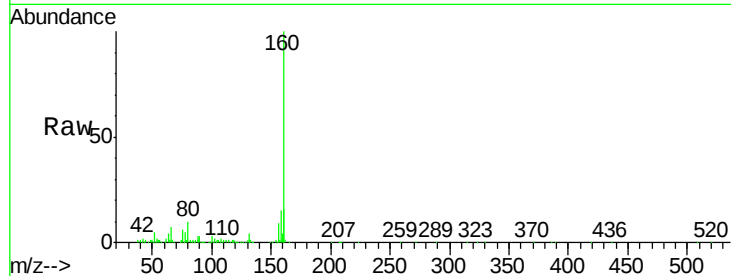




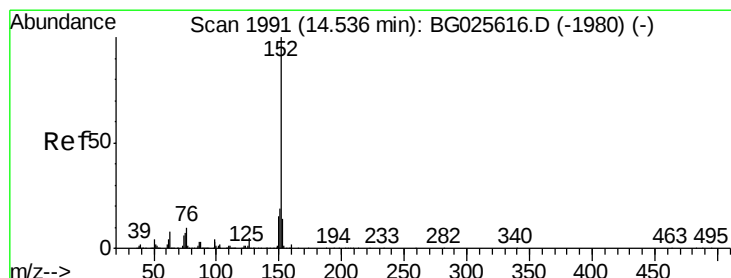
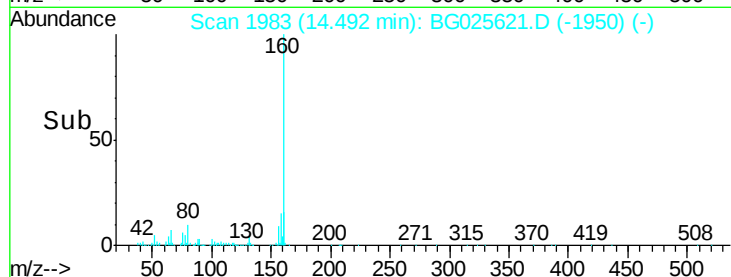
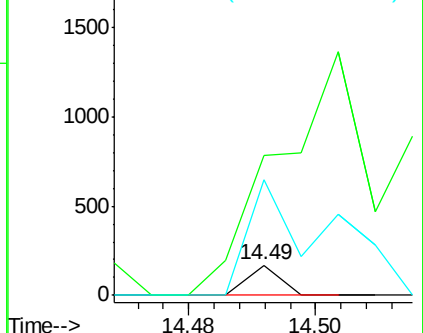
#45
2,6-Dinitrotoluene
Concen: 26.80 ng/ul
RT: 14.49 min Scan# 1983
Delta R.T. 0.10 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Instrument :
BNA_G
ClientSampleId :
BDP21

Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
89 469.0 52.9 79.3#
121 385.7 22.2 33.4#

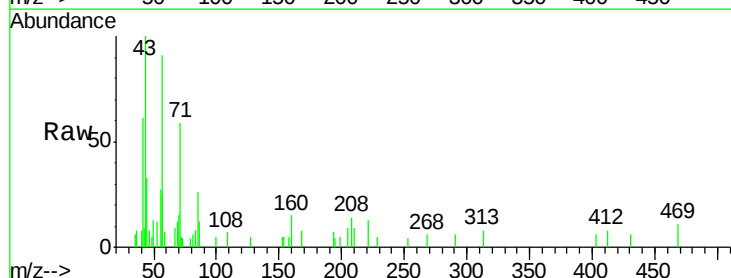


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BGC
Ion 121.00 (120.70 to 121.70): E

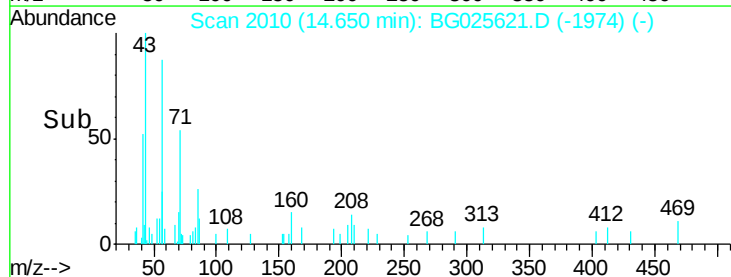
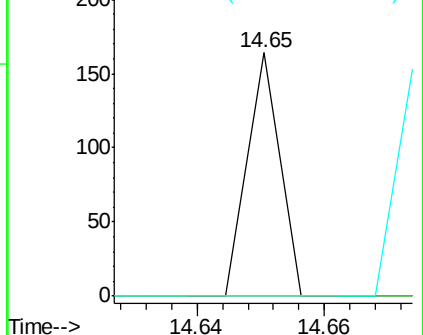


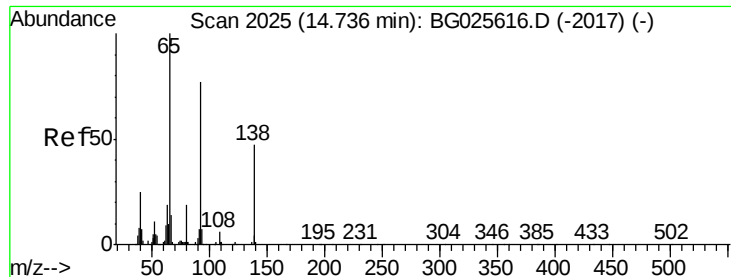
#47
Acenaphthylene
Concen: 5.07 ng/ul
RT: 14.65 min Scan# 2010
Delta R.T. 0.11 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion:152 Resp: 58
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1#
153 0.0 11.4 17.2#



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

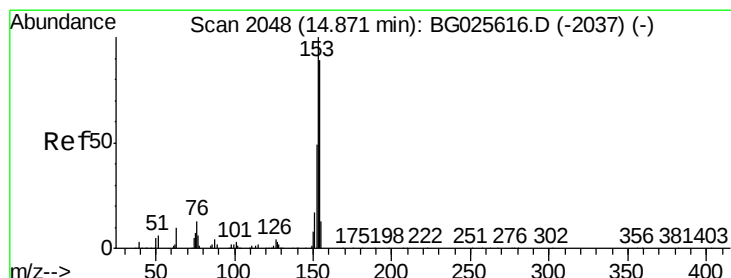
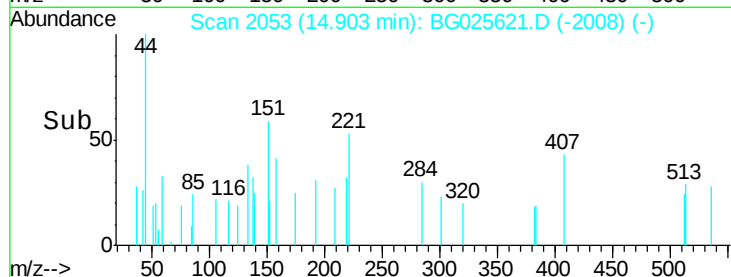
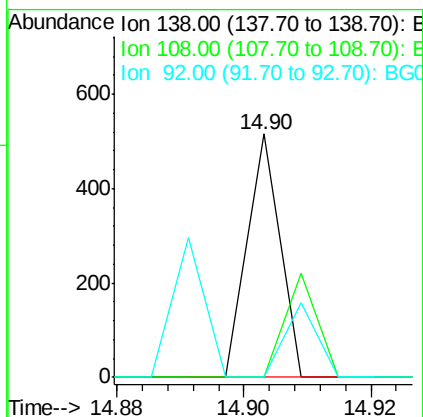
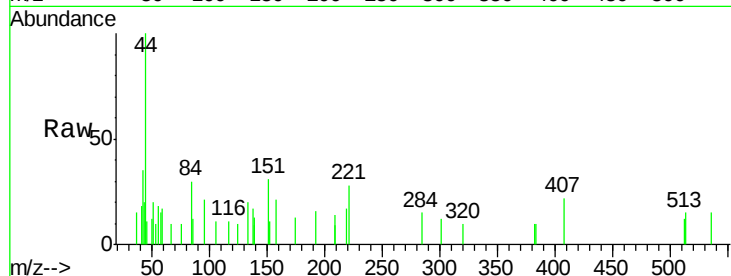




#48
3-Nitroaniline
Concen: 91.39 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. 0.17 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

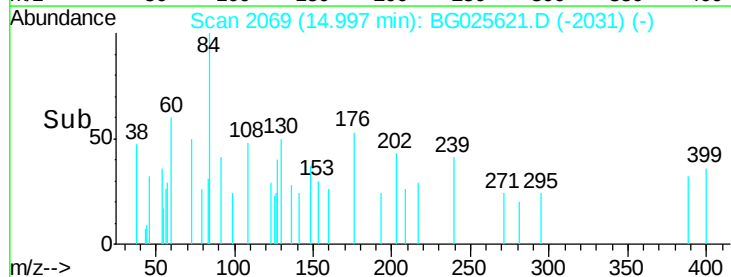
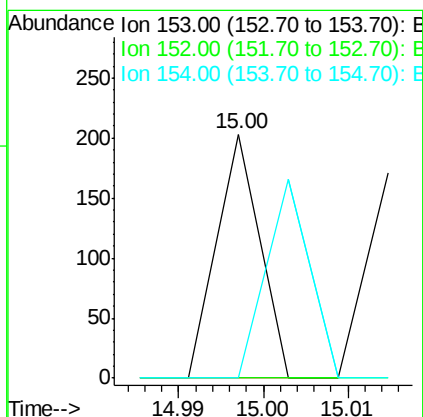
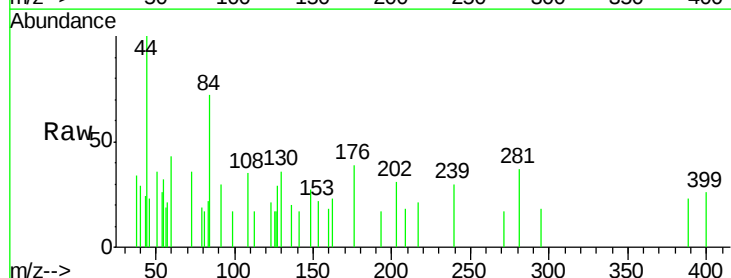
Instrument :
BNA_G
ClientSampled :
BDP21

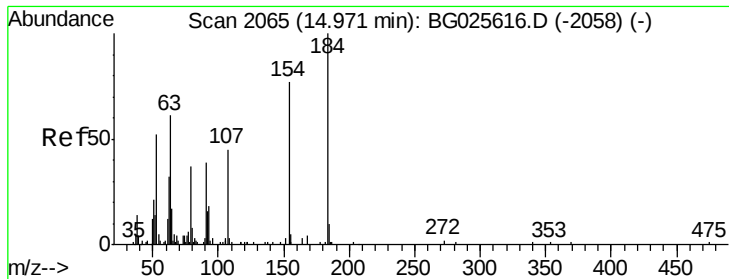
Tgt Ion:138 Resp: 182
Ion Ratio Lower Upper
138 100
108 0.0 6.3 9.5#
92 0.0 106.4 159.6#



#49
Acenaphthene
Concen: 8.84 ng/ul
RT: 15.00 min Scan# 2069
Delta R.T. 0.13 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion:153 Resp: 72
Ion Ratio Lower Upper
153 100
152 0.0 36.5 54.7#
154 0.0 72.3 108.5#

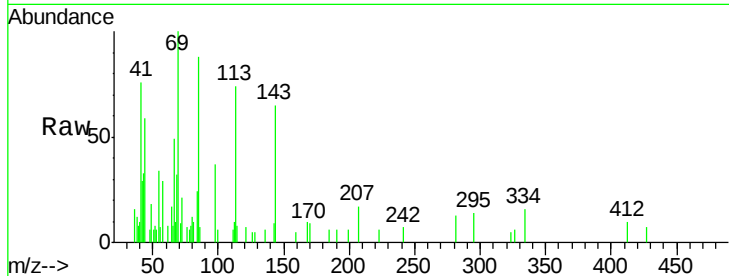




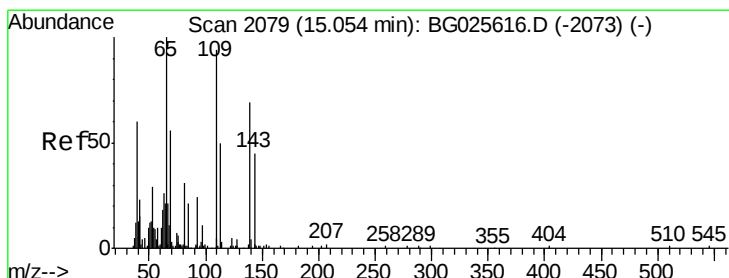
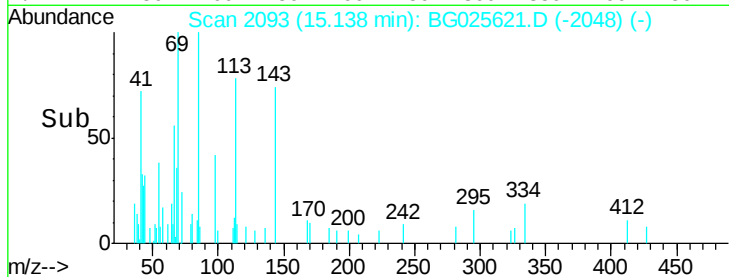
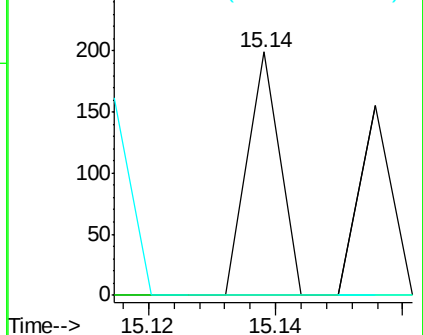
#50
2,4-Dinitrophenol
Concen: 54.10 ng/ul
RT: 15.14 min Scan# 2093
Delta R.T. 0.17 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Instrument :
BNA_G
ClientSampled :
BDP21

Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 0.0 65.1 97.7#
154 0.0 68.2 102.4#

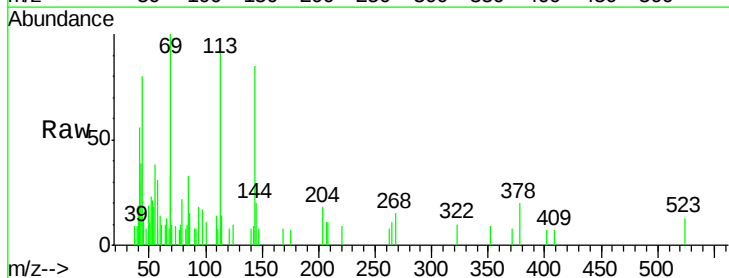


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

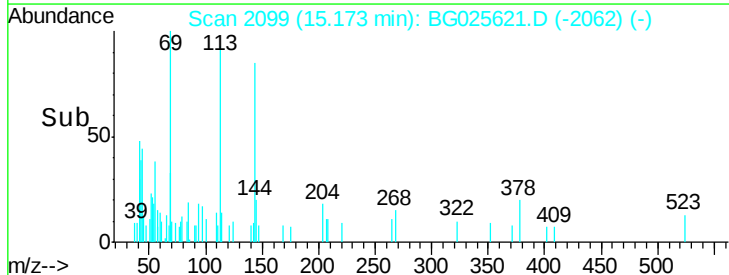
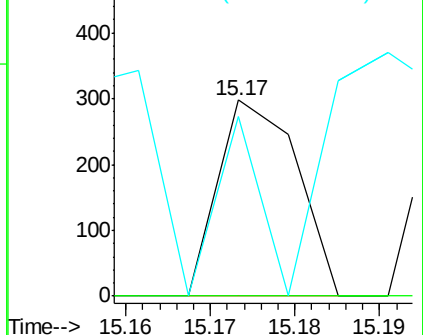


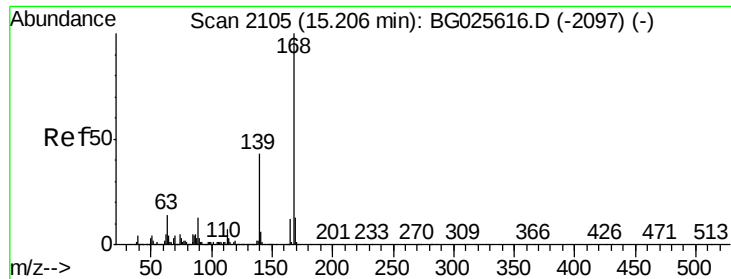
#52
4-Nitrophenol
Concen: 93.00 ng/ul
RT: 15.17 min Scan# 2099
Delta R.T. 0.12 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion:109 Resp: 192
Ion Ratio Lower Upper
109 100
139 56.0 62.6 93.8#
65 91.6 90.4 135.6



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BG





#53

Dibenzofuran

Concen: 5.91 ng/ul

RT: 15.34 min Scan# 2128

Delta R.T. 0.14 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

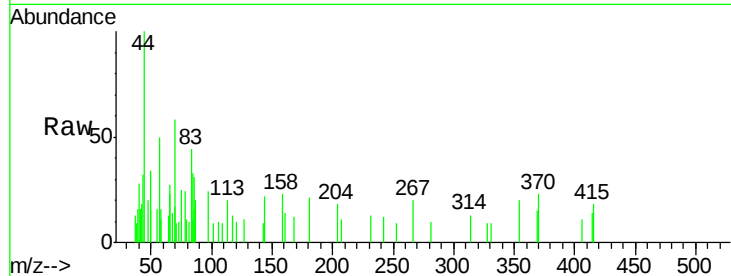
BDP21

Tgt Ion:168 Resp: 74

Ion Ratio Lower Upper

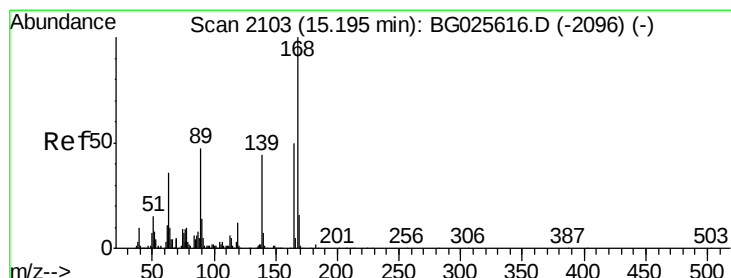
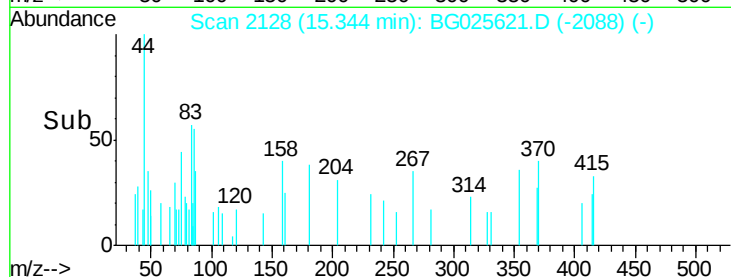
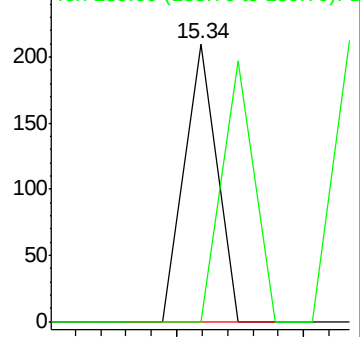
168 100

139 0.0 33.8 50.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 22.34 ng/ul

RT: 15.31 min Scan# 2122

Delta R.T. 0.11 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

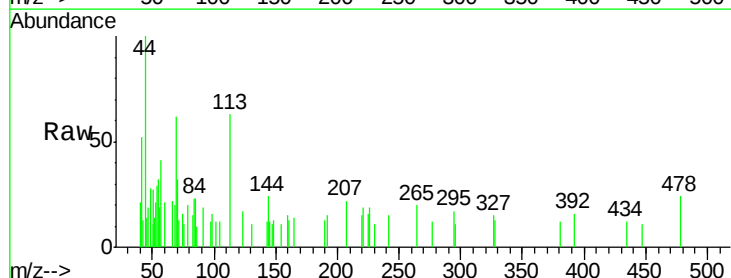
Tgt Ion:165 Resp: 75

Ion Ratio Lower Upper

165 100

63 0.0 46.8 70.2#

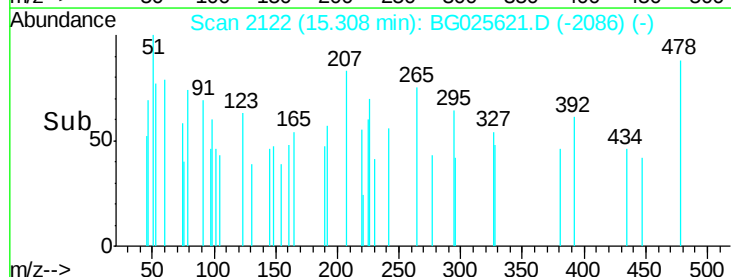
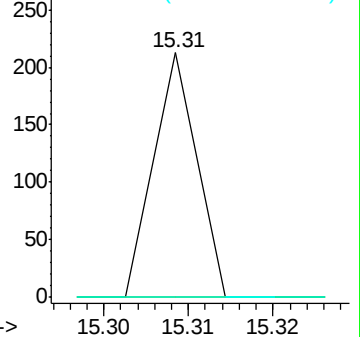
182 0.0 1.8 2.6#

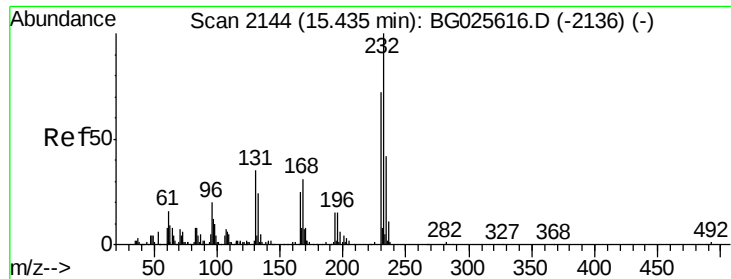


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

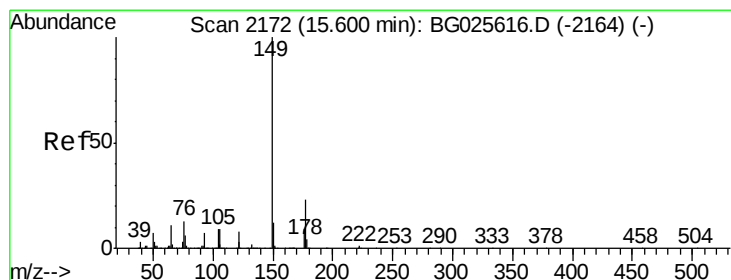
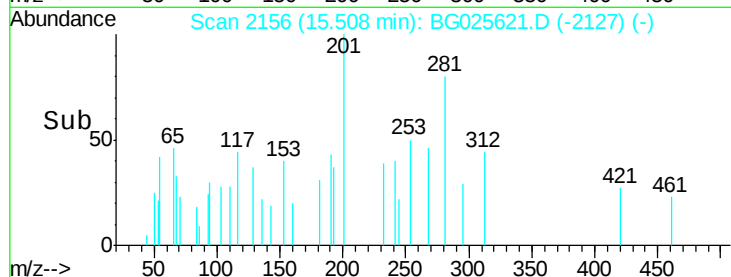
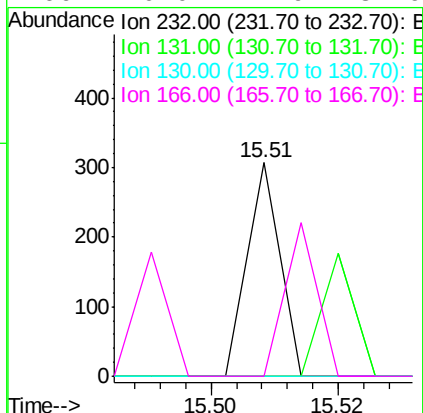
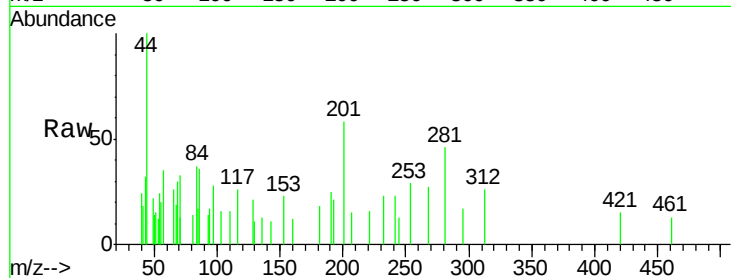




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 34.67 ng/ul
 RT: 15.51 min Scan# 2156
 Delta R.T. 0.07 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

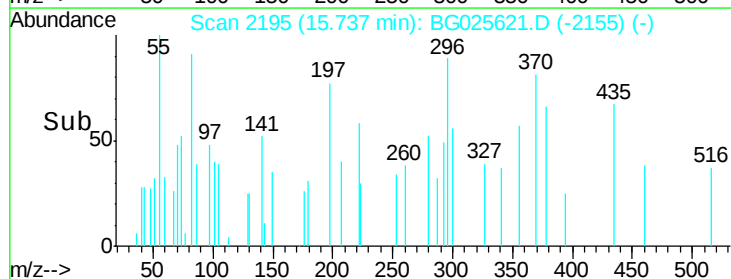
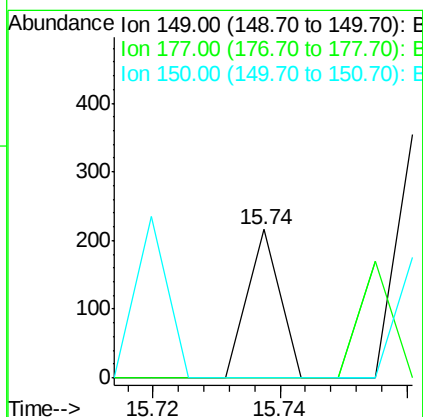
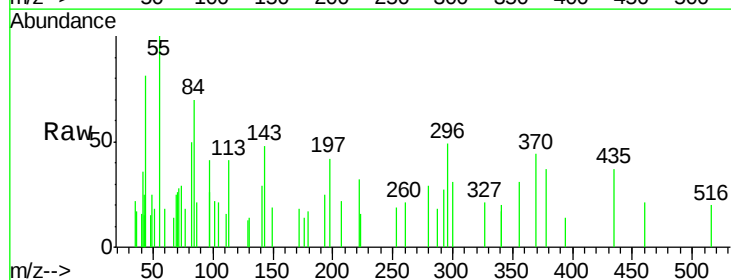
Instrument :
 BNA_G
 ClientSampleId :
 BDP21

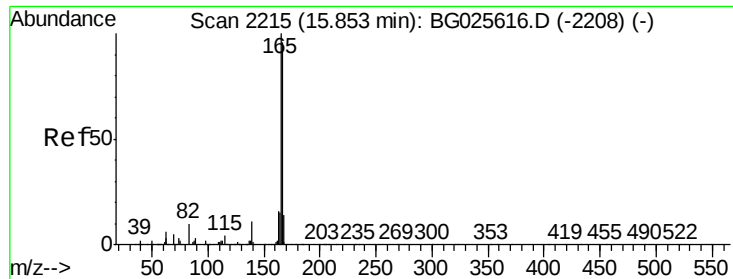
Tgt Ion	Ratio	Lower	Upper
232	100		
131	0.0	33.3	49.9#
130	0.0	1.8	2.6#
166	0.0	21.9	32.9#



#56
 Diethylphthalate
 Concen: 6.57 ng/ul
 RT: 15.74 min Scan# 2195
 Delta R.T. 0.14 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.8	26.8#
150	0.0	10.2	15.4#





#58

Fluorene

Concen: 6.45 ng/ul

RT: 16.00 min Scan# 2240

Delta R.T. 0.15 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

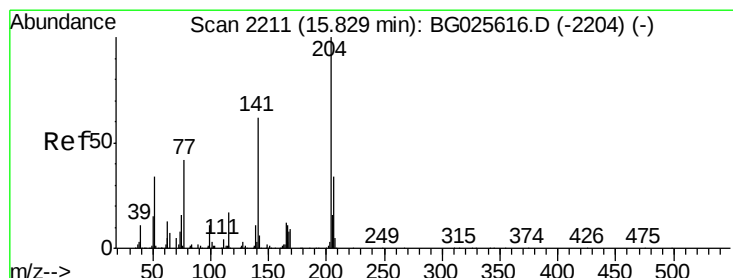
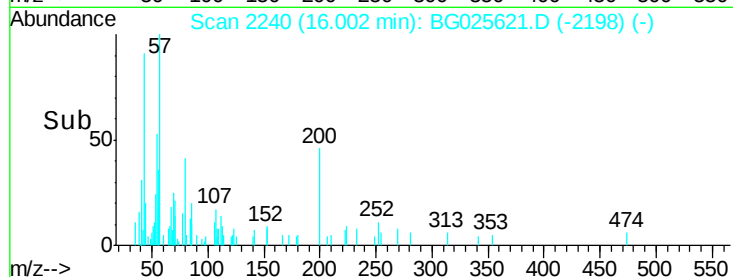
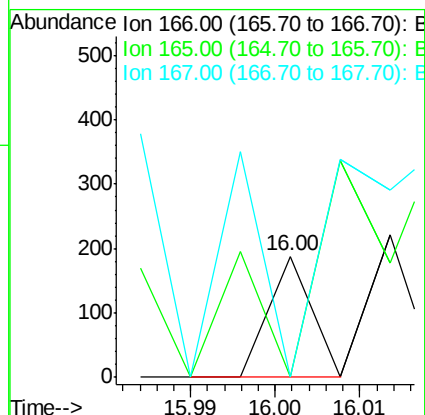
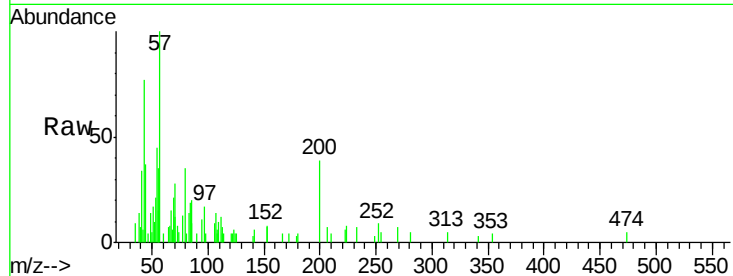
Tgt Ion:166 Resp: 66

Ion Ratio Lower Upper

166 100

165 0.0 79.7 119.5#

167 0.0 11.4 17.2#



#59

4-Chlorophenyl-phenylether

Concen: 18.20 ng/ul

RT: 16.02 min Scan# 2243

Delta R.T. 0.19 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

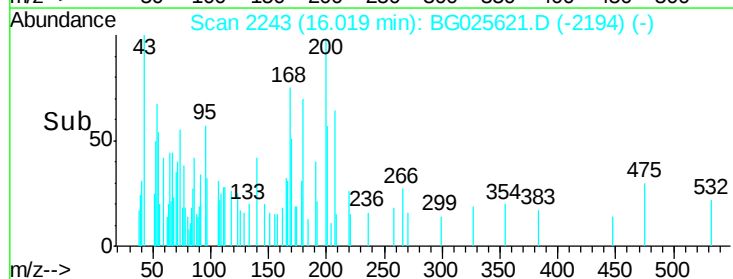
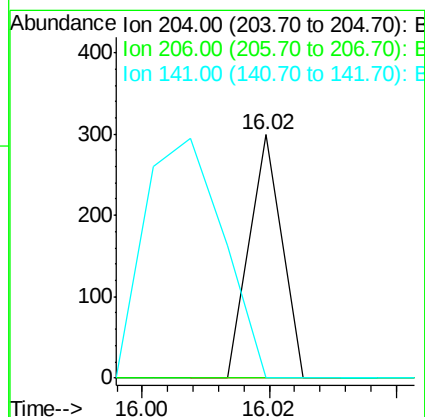
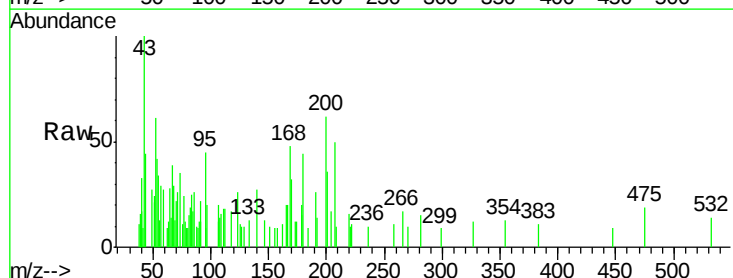
Tgt Ion:204 Resp: 105

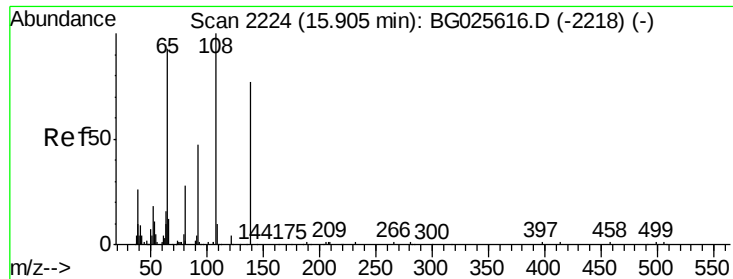
Ion Ratio Lower Upper

204 100

206 0.0 32.3 48.5#

141 0.0 57.5 86.3#

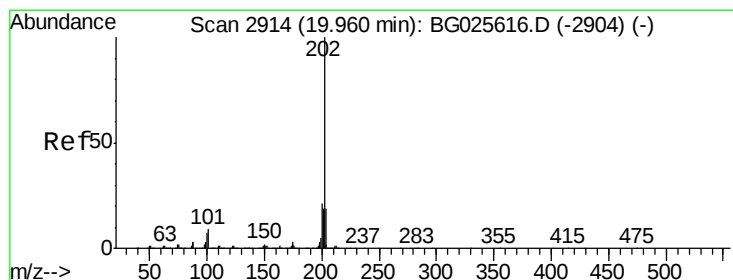
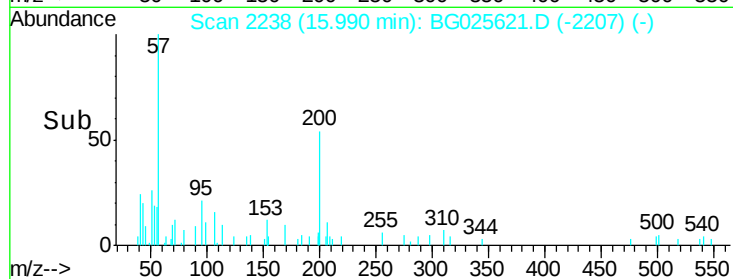
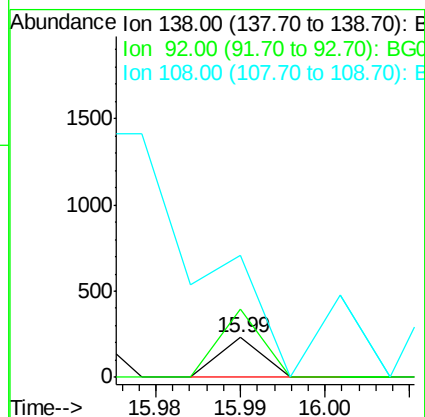
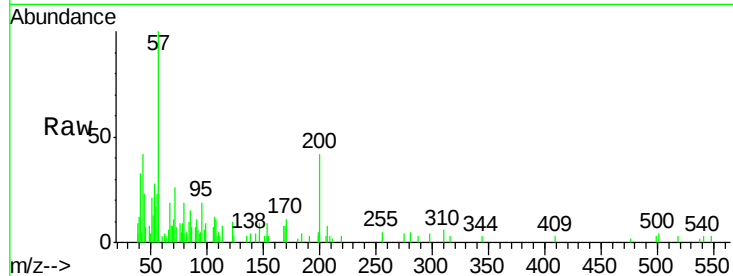




#60
4-Nitroaniline
Concen: 42.02 ng/ul
RT: 15.99 min Scan# 2238
Delta R.T. 0.08 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

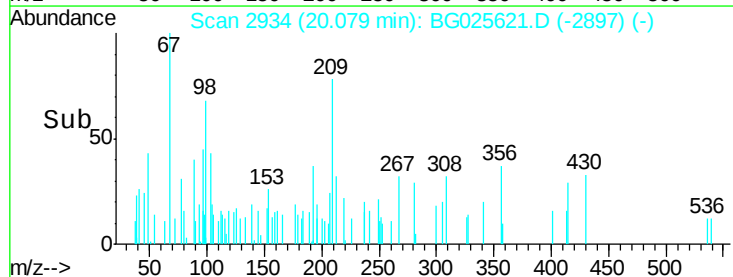
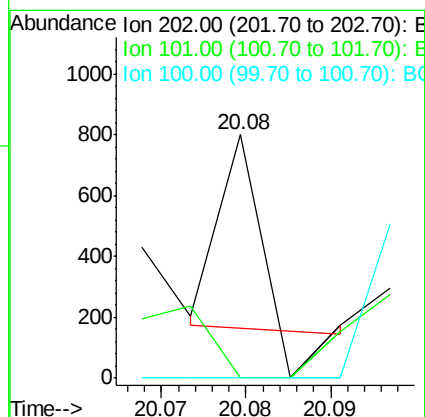
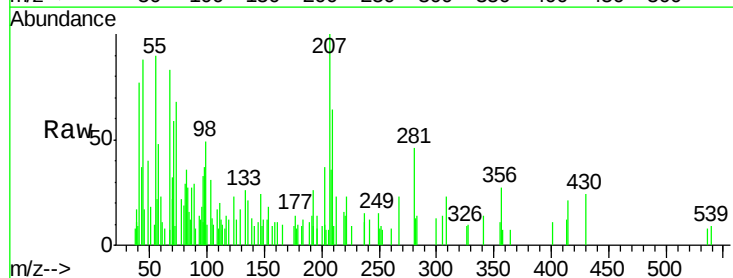
Instrument :
BNA_G
ClientSampleId :
BDP21

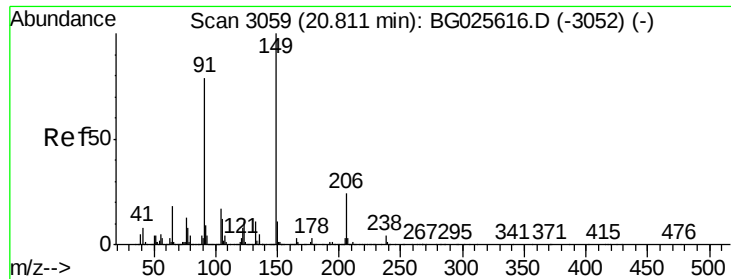
Tgt Ion:138 Resp: 81
Ion Ratio Lower Upper
138 100
92 171.9 56.9 85.3#
108 305.2 104.9 157.3#



#77
Pyrene
Concen: 3.74 ng/ul
RT: 20.08 min Scan# 2934
Delta R.T. 0.12 min
Lab File: BG025621.D
Acq: 24 Jan 2017 23:47

Tgt Ion:202 Resp: 175
Ion Ratio Lower Upper
202 100
101 0.0 6.9 10.3#
100 0.0 6.6 10.0#





#78

Butylbenzylphthalate

Concen: 22.14 ng/ul

RT: 20.92 min Scan# 3077

Delta R.T. 0.11 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

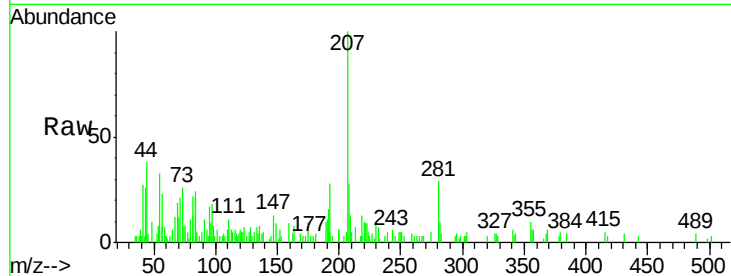
Tgt Ion:149 Resp: 403

Ion Ratio Lower Upper

149 100

91 113.3 65.8 98.6#

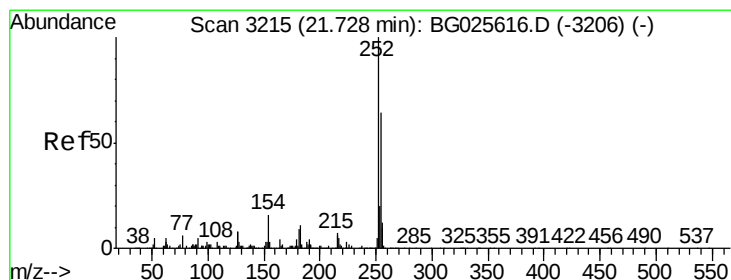
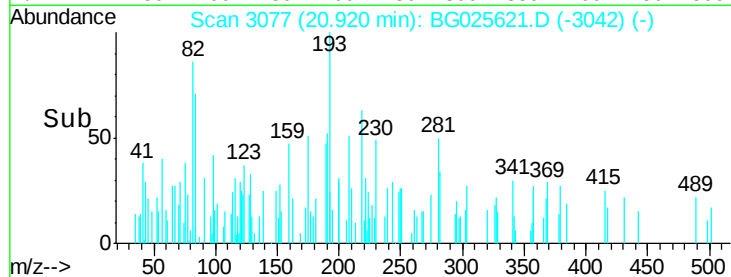
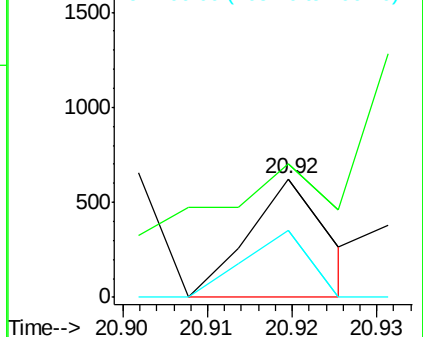
206 56.9 20.1 30.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 7.33 ng/ul

RT: 21.85 min Scan# 3235

Delta R.T. 0.12 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

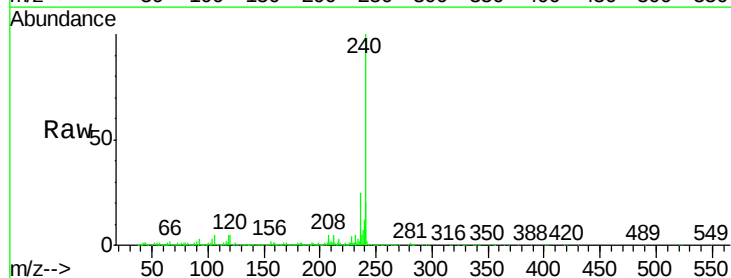
Tgt Ion:252 Resp: 128

Ion Ratio Lower Upper

252 100

254 80.2 49.0 73.6#

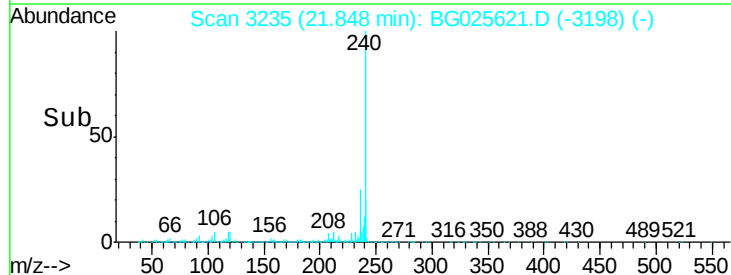
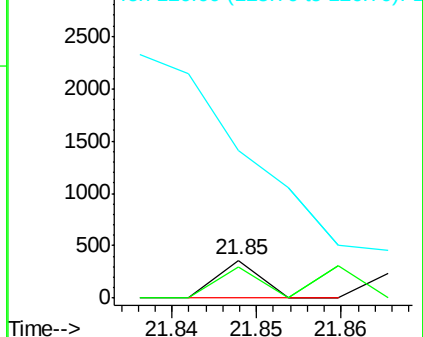
126 388.7 5.1 7.7#

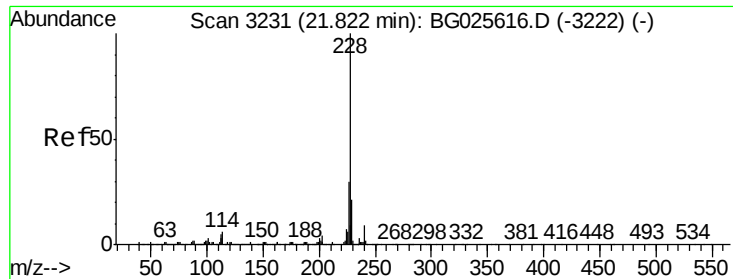


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 3173.13 ng/ul

RT: 21.89 min Scan# 3243

Delta R.T. 0.07 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

BDP21

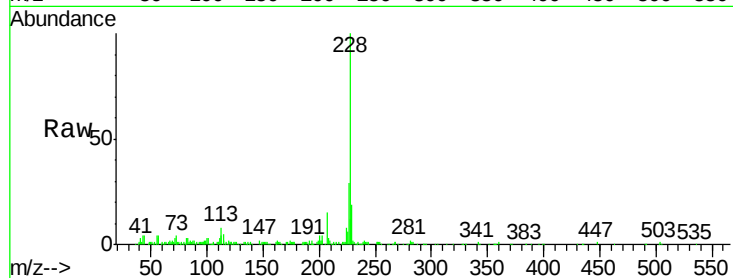
Tgt Ion:228 Resp: 159637

Ion Ratio Lower Upper

228 100

229 19.2 16.3 24.5

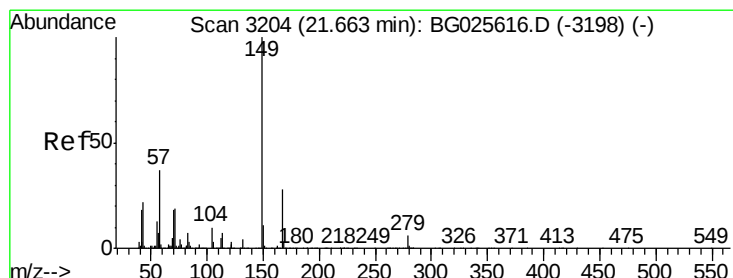
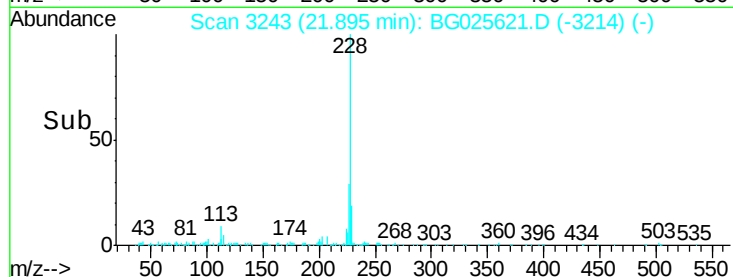
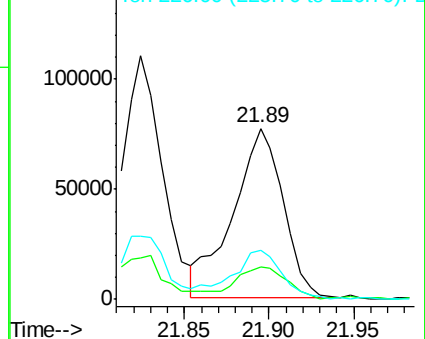
226 28.7 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 56.35 ng/ul

RT: 21.76 min Scan# 3220

Delta R.T. 0.10 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

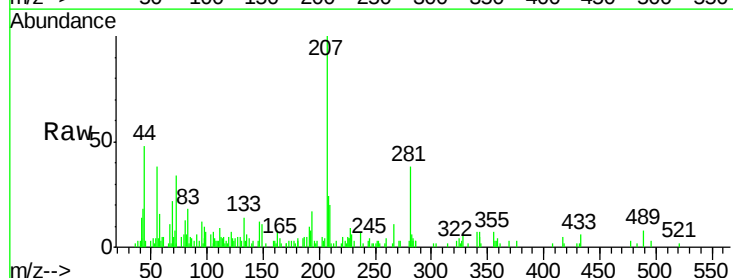
Tgt Ion:149 Resp: 1432

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

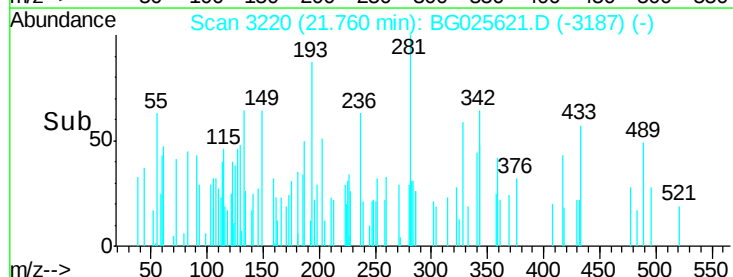
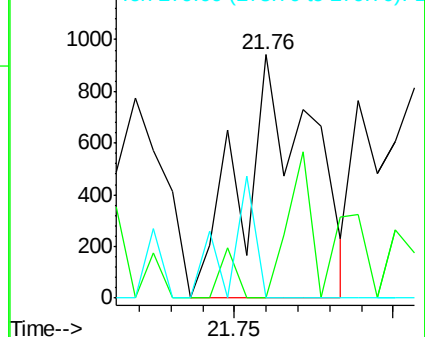
279 0.0 4.5 6.7#

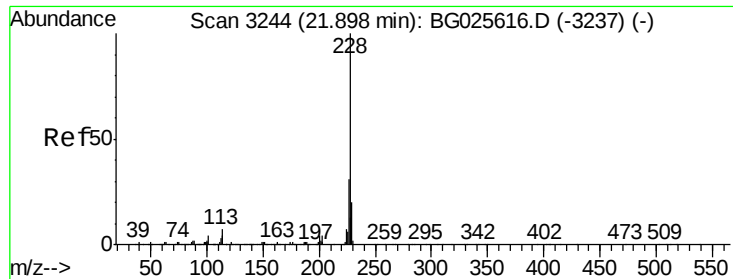


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 4.61 ng/ul

RT: 22.01 min Scan# 3262

Delta R.T. 0.11 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

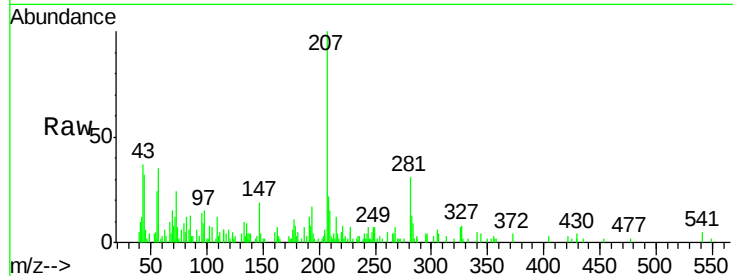
Tgt Ion:228 Resp: 218

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

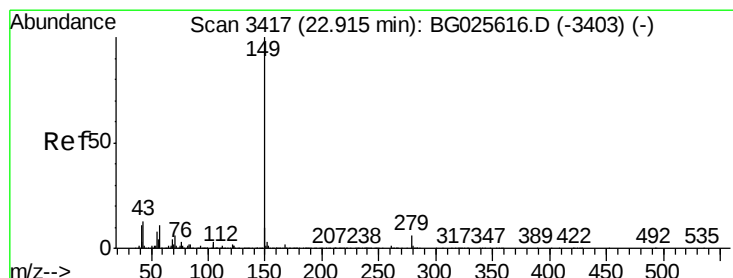
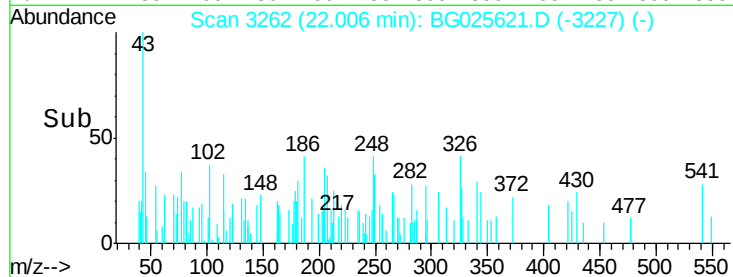
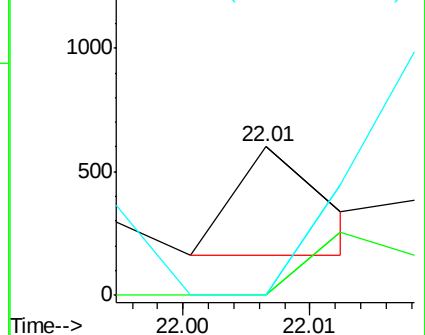
229 0.0 16.9 25.3#



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



#84

Di-n-octyl phthalate

Concen: 4.15 ng/ul

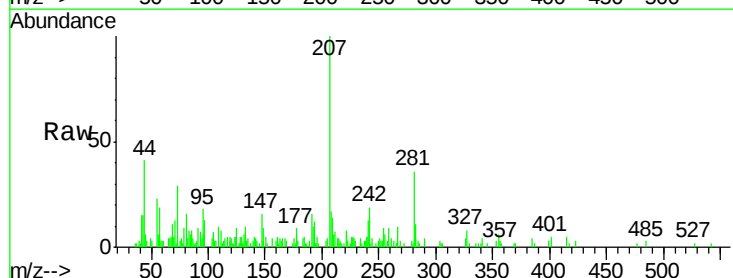
RT: 23.02 min Scan# 3435

Delta R.T. 0.11 min

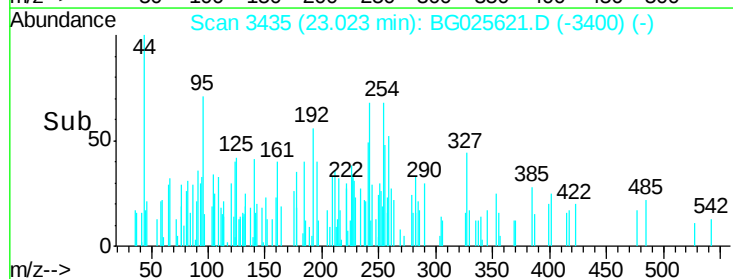
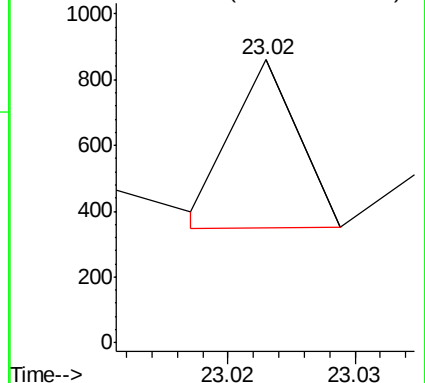
Lab File: BG025621.D

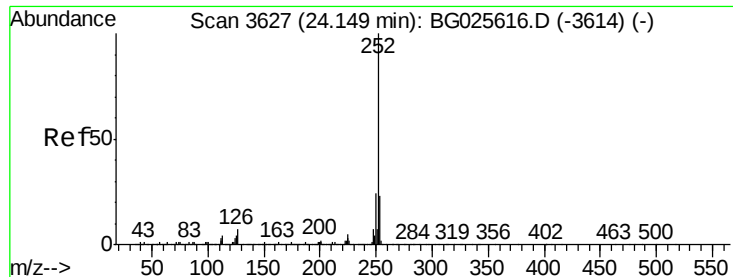
Acq: 24 Jan 2017 23:47

Tgt Ion:149 Resp: 181



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 7.58 ng/ul

RT: 24.32 min Scan# 3655

Delta R.T. 0.17 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

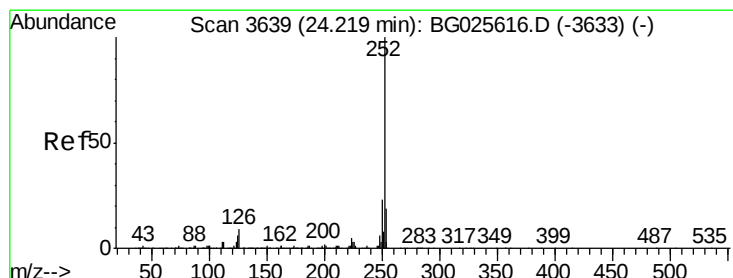
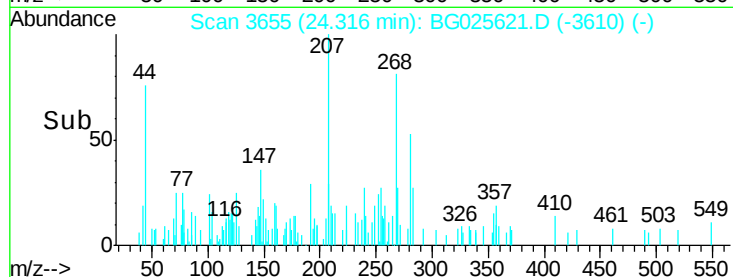
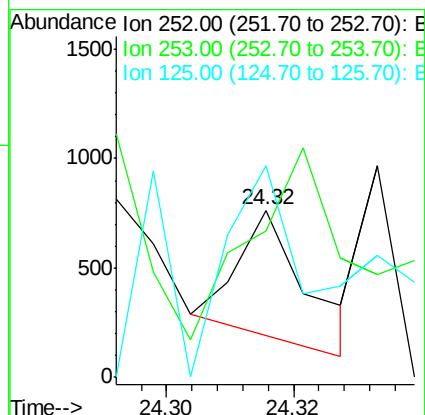
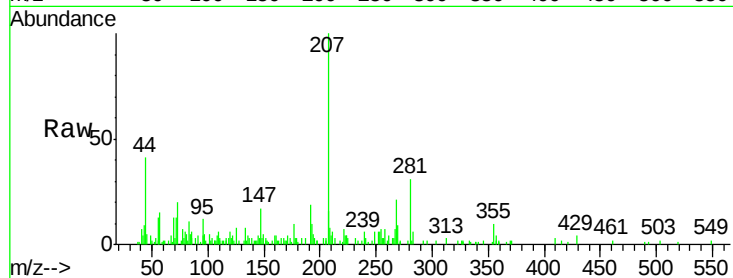
Instrument :

BNA_G

ClientSampleId :

BDP21

Tgt Ion:	252	Resp:	399
Ion Ratio	Lower	Upper	
252	100		
253	87.9	17.7	26.5#
125	126.5	4.0	6.0#



#86

Benzo(k)fluoranthene

Concen: 13.85 ng/ul

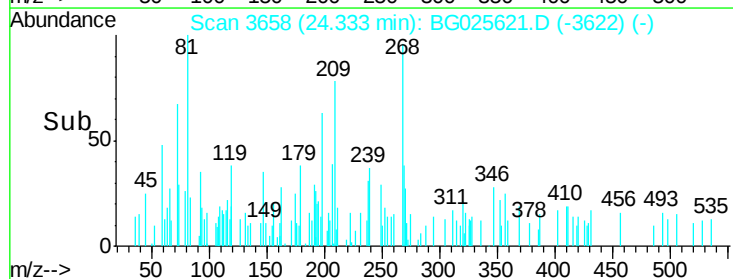
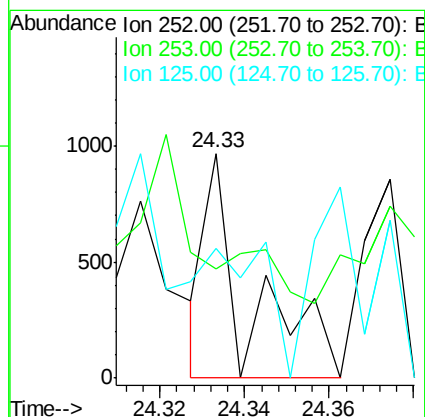
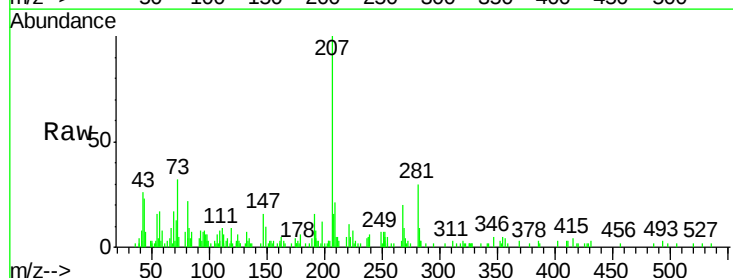
RT: 24.33 min Scan# 3658

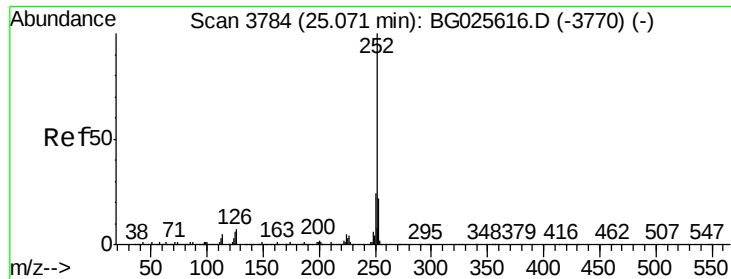
Delta R.T. 0.11 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Tgt Ion:	252	Resp:	684
Ion Ratio	Lower	Upper	
252	100		
253	48.3	18.5	27.7#
125	57.5	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 11.17 ng/ul

RT: 25.17 min Scan# 3800

Delta R.T. 0.10 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampled :

BDP21

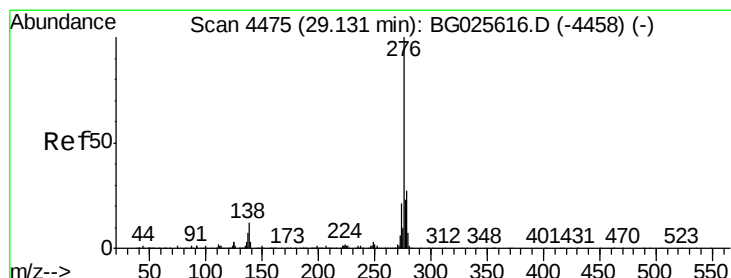
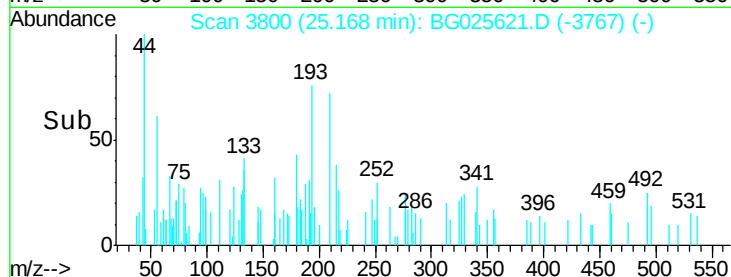
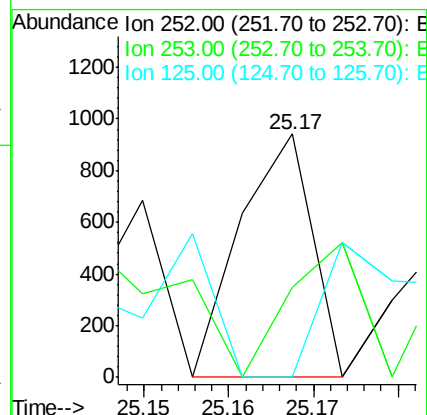
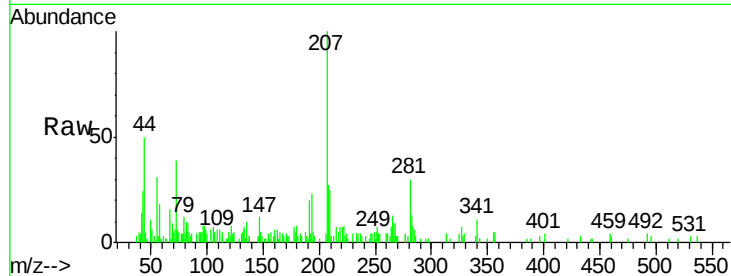
Tgt Ion:252 Resp: 556

Ion Ratio Lower Upper

252 100

253 37.2 17.8 26.6#

125 0.0 5.4 8.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.98 ng/ul

RT: 29.29 min Scan# 4502

Delta R.T. 0.16 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

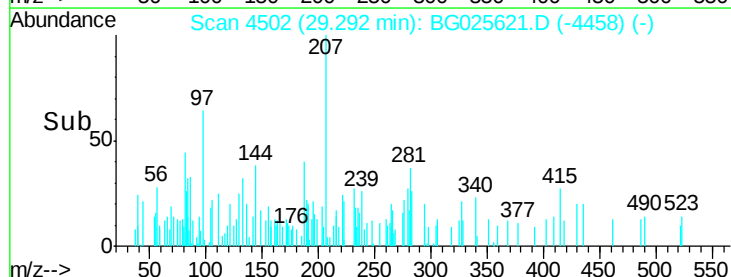
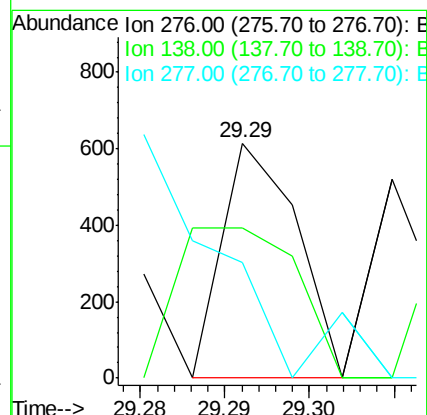
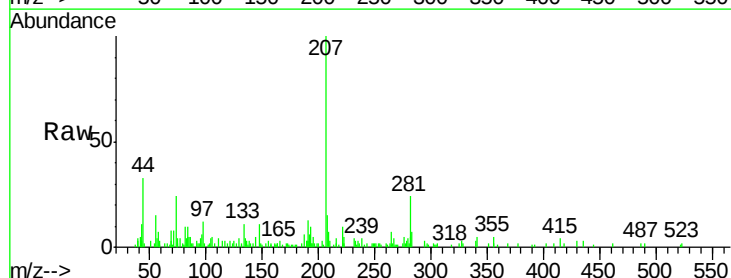
Tgt Ion:276 Resp: 377

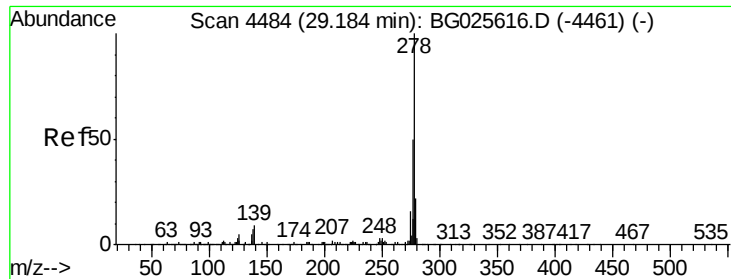
Ion Ratio Lower Upper

276 100

138 63.9 8.2 12.4#

277 49.4 18.6 28.0#





#90

Dibenzo(a,h)anthracene

Concen: 10.64 ng/ul

RT: 29.32 min Scan# 4506

Delta R.T. 0.13 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

ClientSampleId :

BDP21

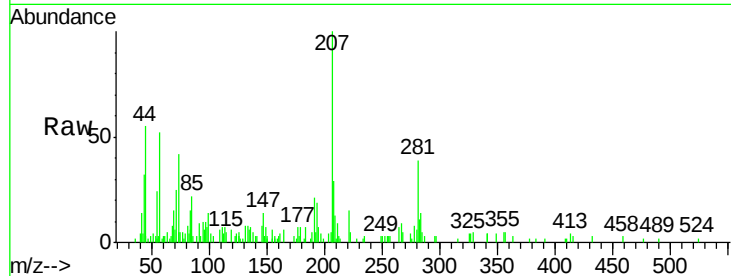
Tgt Ion:278 Resp: 559

Ion Ratio Lower Upper

278 100

139 0.0 6.7 10.1#

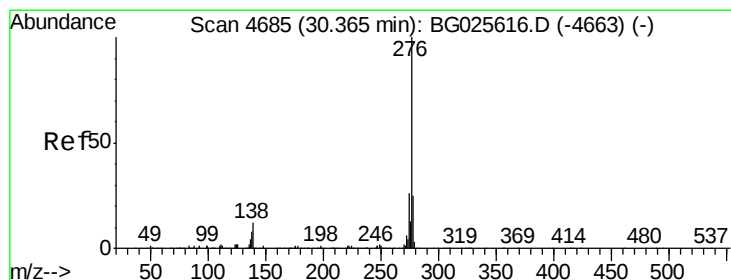
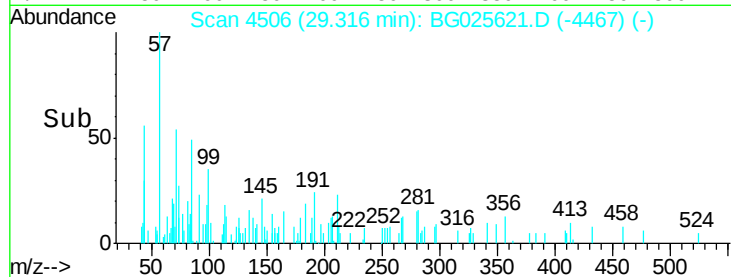
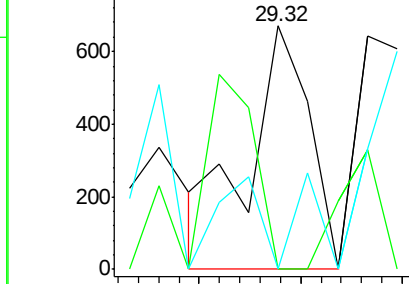
279 0.0 20.9 31.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.07 ng/ul

RT: 30.51 min Scan# 4710

Delta R.T. 0.15 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

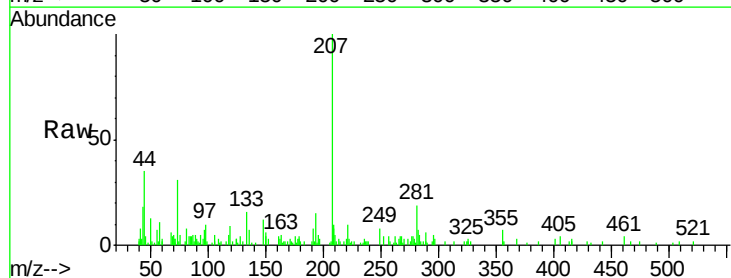
Tgt Ion:276 Resp: 159

Ion Ratio Lower Upper

276 100

138 33.6 8.6 12.8#

277 93.6 17.6 26.4#



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

