

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041629.D
 Acq On : 11 Jul 2019 21:25
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 04:35:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	73254	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	321847	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	206262	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	484676	20.00	ng	0.00
76) Chrysene-d12	21.67	240	448214	20.00	ng	0.00
87) Perylene-d12	24.87	264	519485	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	677981	170.06	ng	0.00
7) Phenol-d6	7.21	99	903249	156.30	ng	0.00
23) Nitrobenzene-d5	9.22	82	823928	107.66	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	350530	110.70	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1892881	124.73	ng	0.00
79) Terphenyl-d14	20.02	244	2410422	106.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	156453	78.260	ng	# 81
3) Pyridine	4.03	79	31730	5.983	ng	94
4) n-Nitrosodimethylamine	3.81	42	204657	72.362	ng	# 73
6) Aniline	7.38	93	617235	76.841	ng	99
8) 2-Chlorophenol	7.62	128	378914	80.886	ng	98
9) Benzaldehyde	7.19	77	203849	55.151	ng	96
10) Phenol	7.23	94	468877	75.451	ng	83
11) bis(2-Chloroethyl)ether	7.47	93	382565	81.135	ng	93
12) 1,3-Dichlorobenzene	7.95	146	461203	78.630	ng	# 87
13) 1,4-Dichlorobenzene	8.09	146	458304	76.492	ng	94
14) 1,2-Dichlorobenzene	8.41	146	435258	76.057	ng	94
15) Benzyl Alcohol	8.29	79	368789	66.607	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	820295	106.272	ng	89
17) 2-Methylphenol	8.49	107	337959	76.069	ng	# 87
18) Hexachloroethane	9.15	117	170366	71.755	ng	89
19) n-Nitroso-di-n-propylamine	8.87	70	333911	71.441	ng	92
20) 3+4-Methylphenols	8.82	107	460232	77.815	ng	89
22) Acetophenone	8.88	105	595420	63.574	ng	# 96
24) Nitrobenzene	9.26	77	422728	54.924	ng	# 88
25) Isophorone	9.79	82	858387	61.139	ng	# 93
26) 2-Nitrophenol	9.97	139	194624	62.372	ng	# 78
27) 2,4-Dimethylphenol	10.03	122	345813	73.935	ng	83
28) bis(2-Chloroethoxy)methane	10.27	93	529976	72.446	ng	99
29) 2,4-Dichlorophenol	10.50	162	399707	68.921	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	464160	62.492	ng	98
31) Naphthalene	10.92	128	1166412	66.683	ng	98
32) Benzoic acid	10.19	122	272498	89.497	ng	# 77
33) 4-Chloroaniline	11.01	127	566607	76.272	ng	# 92
34) Hexachlorobutadiene	11.21	225	302352	51.283	ng	99
35) Caprolactam	11.80	113	118106	59.155	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	414297	61.846	ng	# 85
37) 2-Methylnaphthalene	12.51	142	894207	69.409	ng	# 93
38) 1-Methylnaphthalene	12.73	142	849338	68.906	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	522202	61.312	ng	98

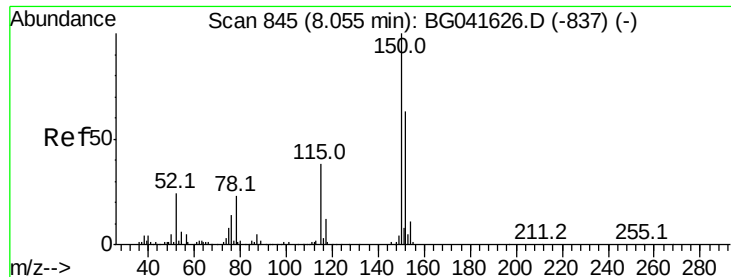
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041629.D
 Acq On : 11 Jul 2019 21:25
 Operator : HP/JU
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Quant Time: Jul 12 04:35:53 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	324165	56.503	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	335900	63.752	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	341617	63.014	ng	97
46) 1,1'-Biphenyl	13.52	154	1116706	71.615	ng	94
47) 2-Chloronaphthalene	13.56	162	936774	69.778	ng	97
48) 2-Nitroaniline	13.75	65	282344	57.425	ng	# 79
49) Acenaphthylene	14.40	152	1407710	69.101	ng	94
50) Dimethylphthalate	14.14	163	1181883	64.399	ng	97
51) 2,6-Dinitrotoluene	14.24	165	256380	66.254	ng	# 79
52) Acenaphthene	14.74	154	924778	77.306	ng	94
53) 3-Nitroaniline	14.57	138	283951	74.478	ng	# 88
54) 2,4-Dinitrophenol	14.77	184	119316	48.136	ng	# 82
55) Dibenzofuran	15.08	168	1349146	64.866	ng	97
56) 4-Nitrophenol	14.86	139	221732	83.710	ng	# 67
57) 2,4-Dinitrotoluene	15.03	165	341478	60.367	ng	# 82
58) Fluorene	15.72	166	1090171	66.631	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	326794	58.291	ng	97
60) Diethylphthalate	15.50	149	1187248	63.647	ng	94
61) 4-Chlorophenyl-phenylether	15.72	204	636865	59.826	ng	99
62) 4-Nitroaniline	15.73	138	296813	72.790	ng	# 68
63) Azobenzene	16.01	77	1044592	62.771	ng	93
65) 4,6-Dinitro-2-methylphenol	15.79	198	168950	53.704	ng	96
66) n-Nitrosodiphenylamine	15.93	169	1012853	78.703	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	421738	67.295	ng	95
68) Hexachlorobenzene	16.73	284	430118	64.092	ng	94
69) Atrazine	16.87	200	151875	36.183	ng	99
70) Pentachlorophenol	17.06	266	246365	71.693	ng	99
71) Phenanthrene	17.46	178	1726470	66.789	ng	93
72) Anthracene	17.55	178	1724170	67.657	ng	92
73) Carbazole	17.81	167	1587026	71.189	ng	92
74) Di-n-butylphthalate	18.38	149	1888306	67.885	ng	# 96
75) Fluoranthene	19.46	202	2025121	58.970	ng	86
77) Benzidine	19.63	184	671343	61.925	ng	95
78) Pyrene	19.82	202	2019612	66.813	ng	# 88
80) Butylbenzylphthalate	20.71	149	925233	80.922	ng	94
81) Benzo(a)anthracene	21.65	228	2033693	67.012	ng	91
82) 3,3'-Dichlorobenzidine	21.56	252	839091	78.763	ng	# 96
83) Chrysene	21.72	228	1953169	66.923	ng	# 89
84) Bis(2-ethylhexyl)phthalate	21.58	149	1276330	81.913	ng	94
85) Di-n-octyl phthalate	22.80	149	2212243	83.918	ng	# 90
86) Indeno(1,2,3-cd)pyrene	28.55	276	2681280	77.435	ng	# 93
88) Benzo(b)fluoranthene	23.87	252	2246880	69.791	ng	# 92
89) Benzo(k)fluoranthene	23.94	252	2173476	68.149	ng	# 91
90) Benzo(a)pyrene	24.73	252	2177224	71.608	ng	# 92
91) Dibenzo(a,h)anthracene	28.62	278	2122380	69.336	ng	# 92
92) Benzo(g,h,i)perylene	29.69	276	2135969	70.610	ng	# 88

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

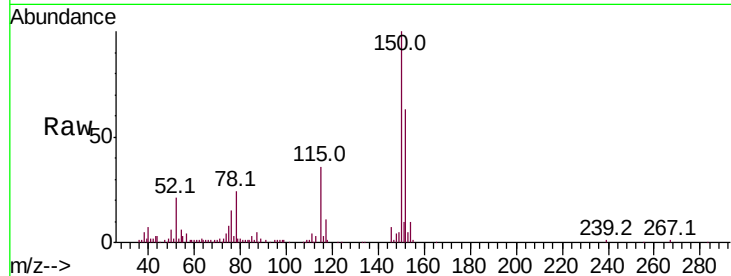


#1

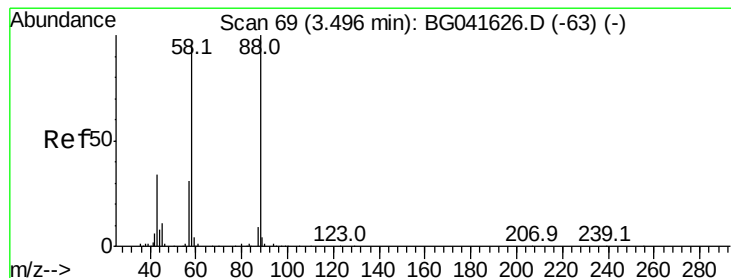
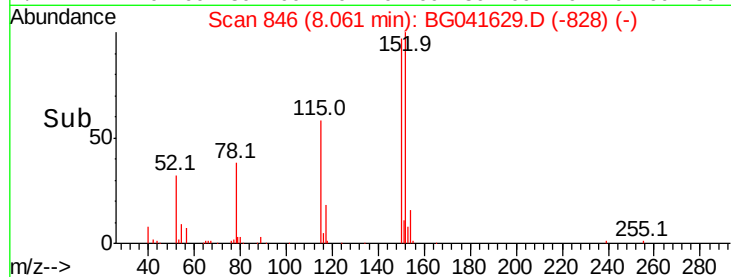
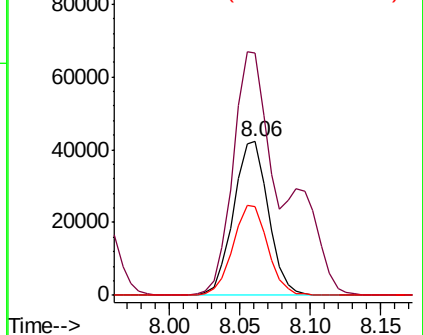
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	120.6	181.0
115	57.5	47.9	71.9



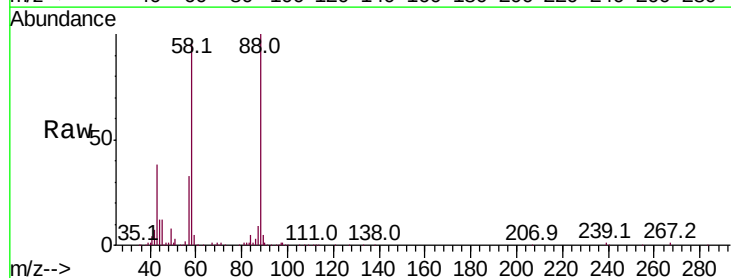
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



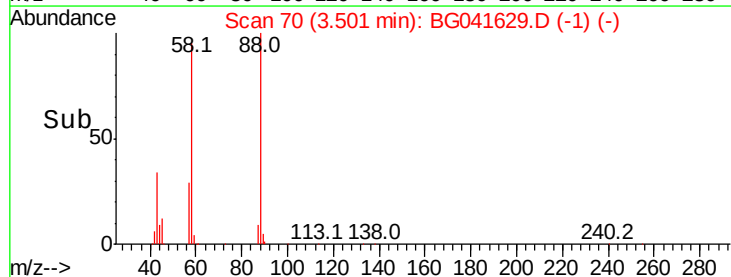
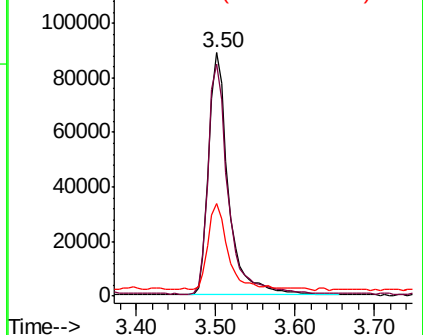
#2

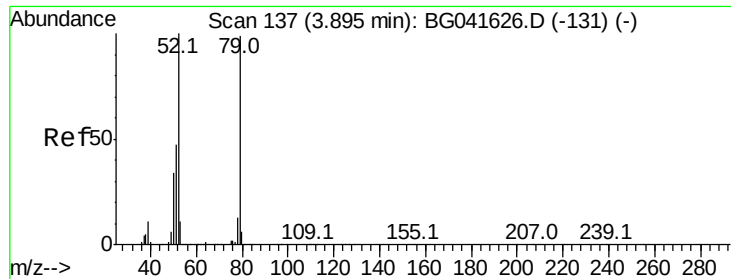
1,4-Dioxane
Concen: 78.260 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	59.7	89.5#
43	35.3	31.9	47.9



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 5.983 ng

RT: 4.03 min Scan# 160

Delta R.T. 0.13 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

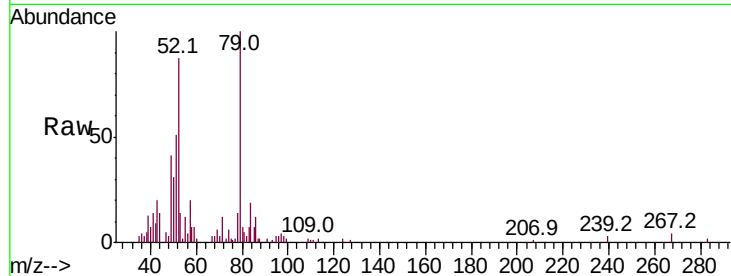
Tot Ion: 79 Resp: 31730

Ion Ratio Lower Upper

79 100

52 87.0 63.6 95.4

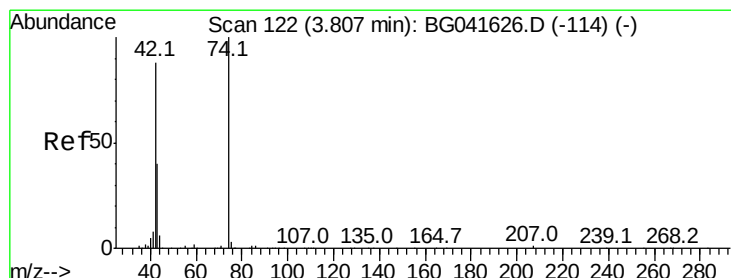
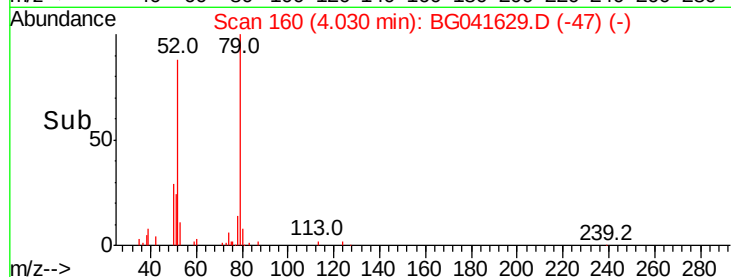
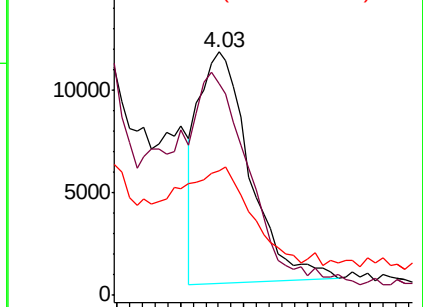
51 51.2 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 72.362 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

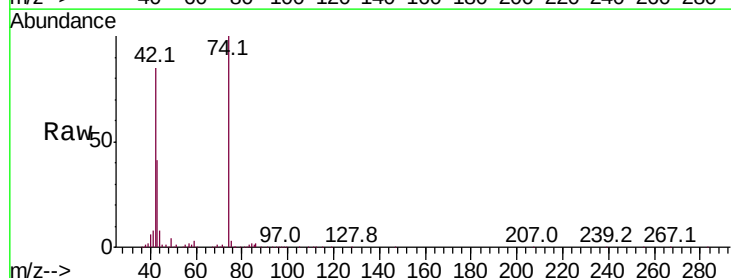
Tgt Ion: 42 Resp: 204657

Ion Ratio Lower Upper

42 100

74 117.6 71.6 107.4#

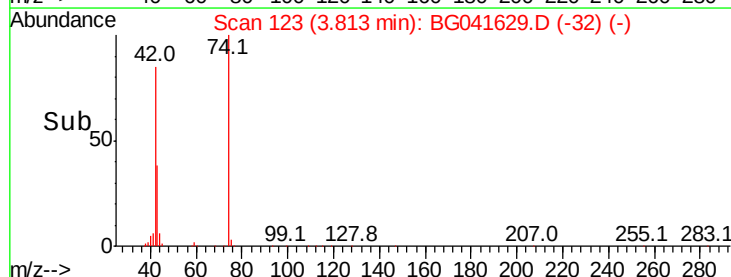
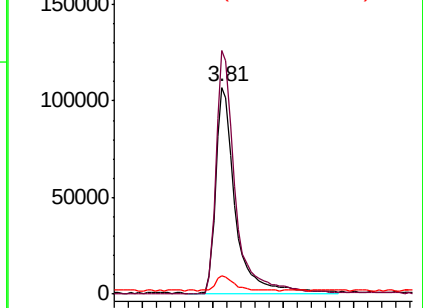
44 8.9 9.0 13.4#

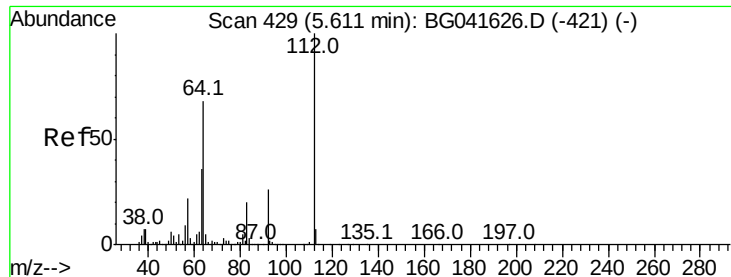


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 170.057 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

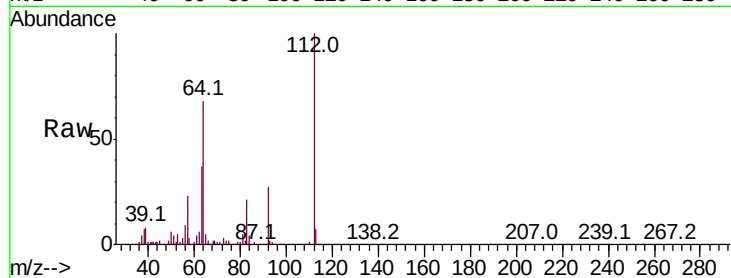
Tot Ion:112 Resp: 677981

Ion Ratio Lower Upper

112 100

64 67.9 55.9 83.9

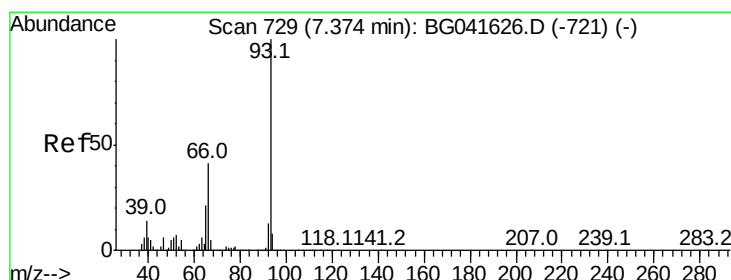
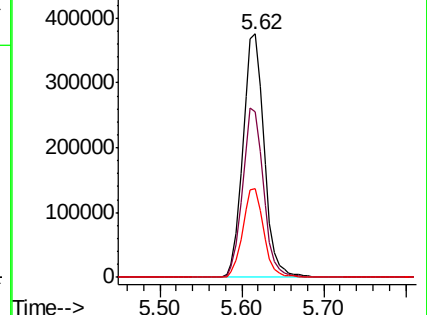
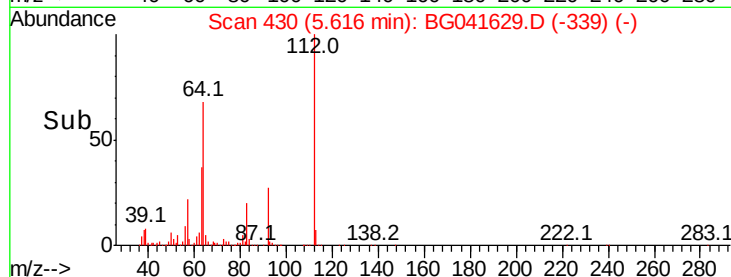
63 36.5 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 76.841 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

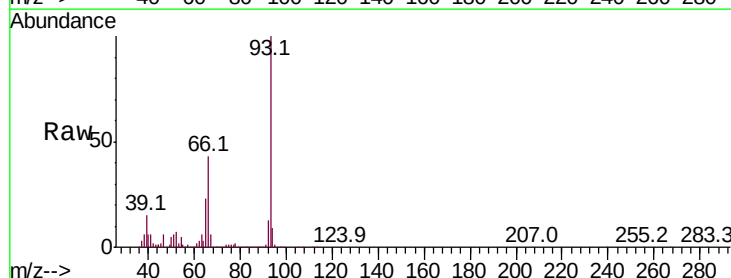
Tgt Ion: 93 Resp: 617235

Ion Ratio Lower Upper

93 100

66 42.6 34.2 51.2

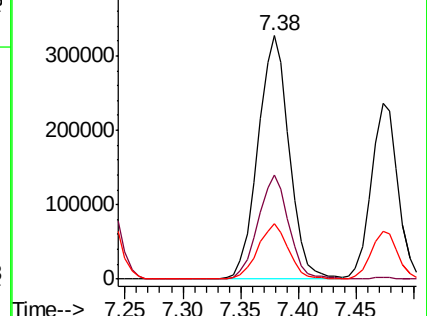
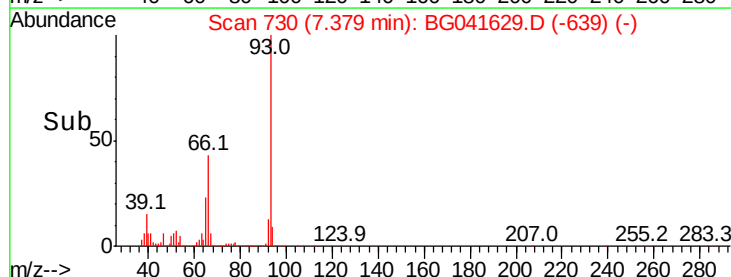
65 22.8 17.7 26.5

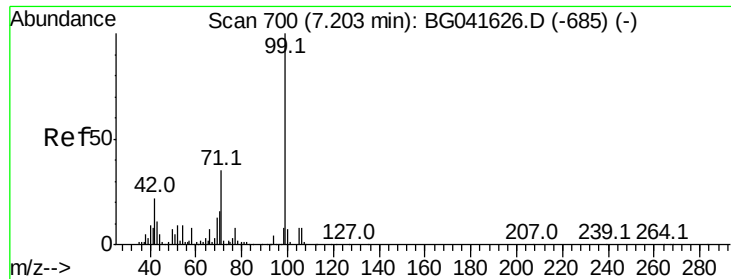


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.301 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

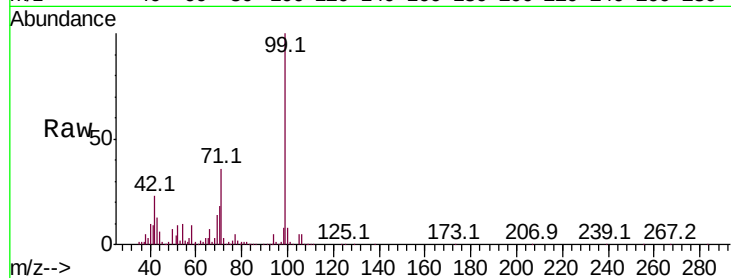
Tot Ion: 99 Resp: 903249

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

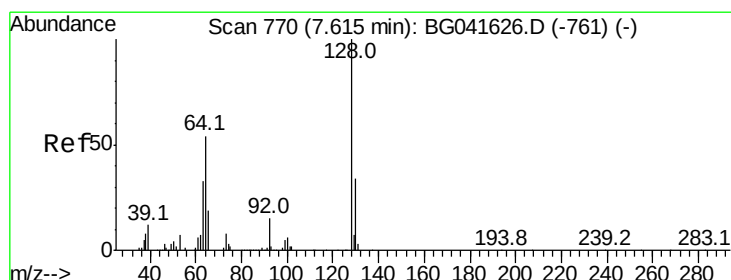
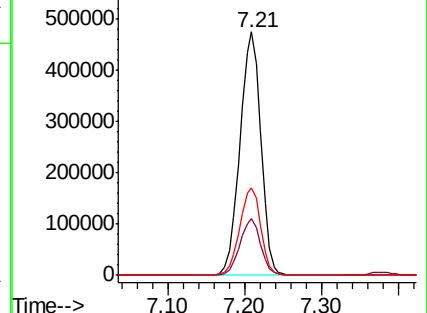
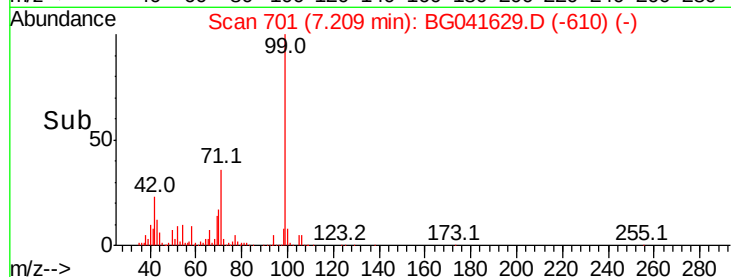
71 36.1 36.4 54.6#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 80.886 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

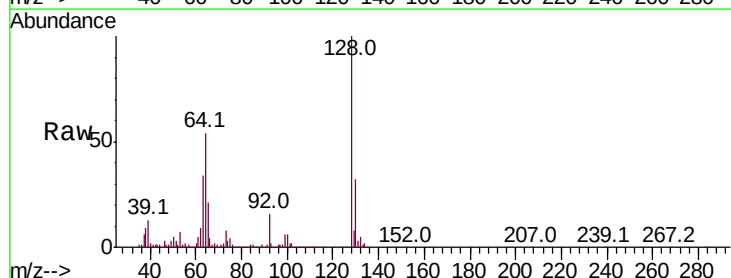
Tgt Ion:128 Resp: 378914

Ion Ratio Lower Upper

128 100

130 31.6 11.1 51.1

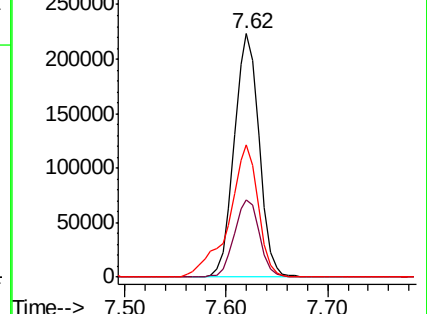
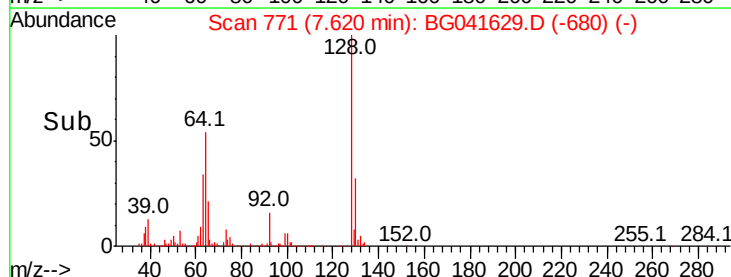
64 54.4 36.6 76.6

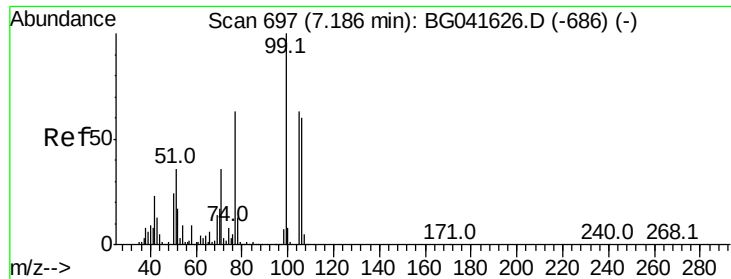


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 55.151 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

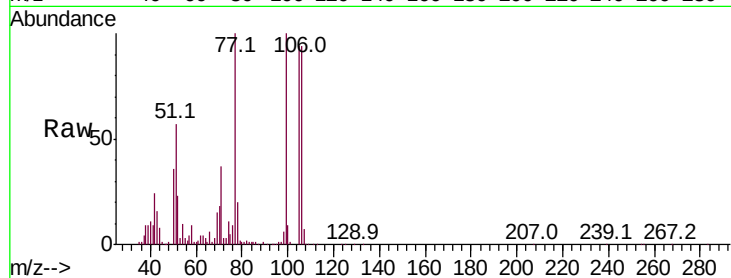
Tot Ion: 77 Resp: 203849

Ion Ratio Lower Upper

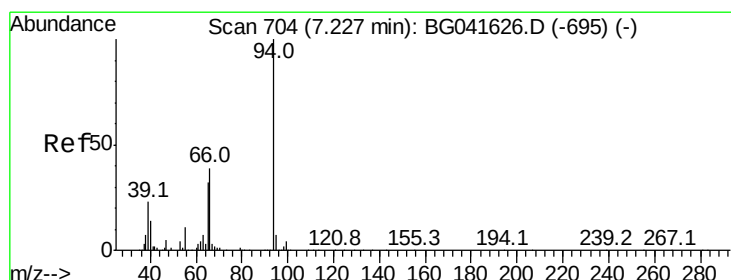
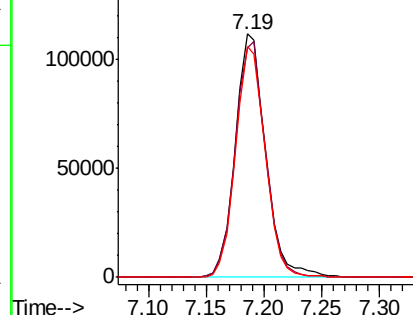
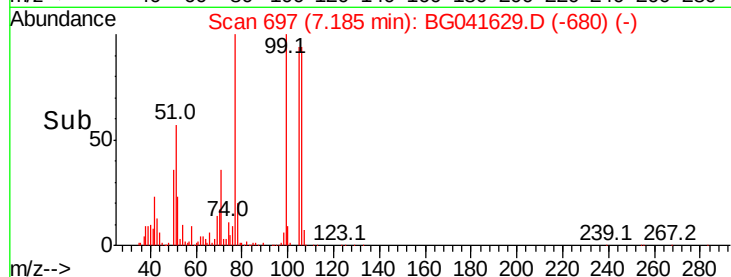
77 100

105 94.4 78.7 118.7

106 94.5 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 75.451 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

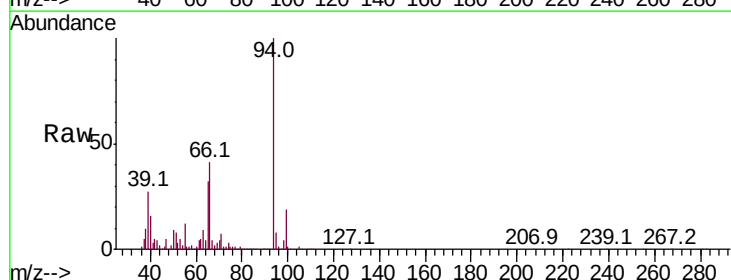
Tgt Ion: 94 Resp: 468877

Ion Ratio Lower Upper

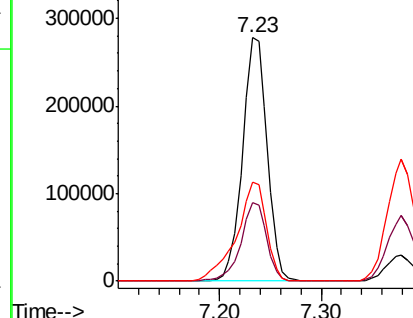
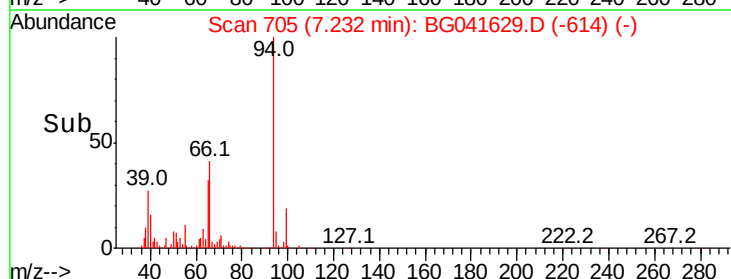
94 100

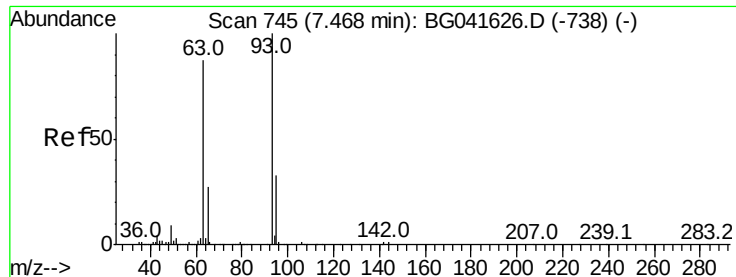
65 32.1 18.7 58.7

66 40.6 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 81.135 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

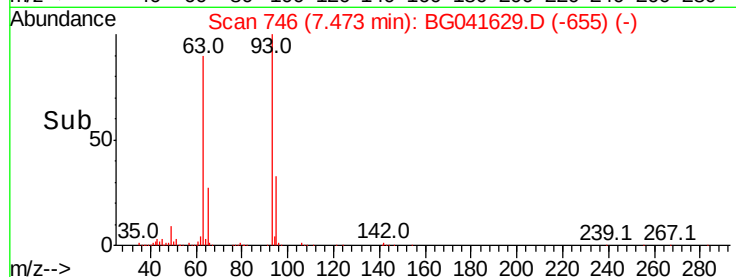
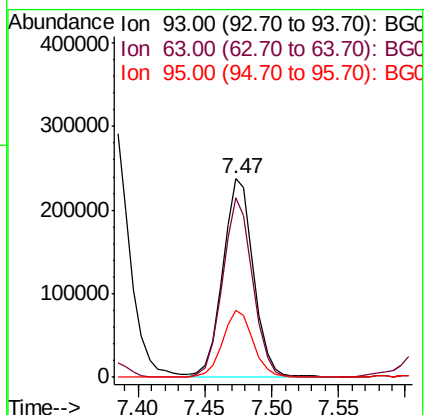
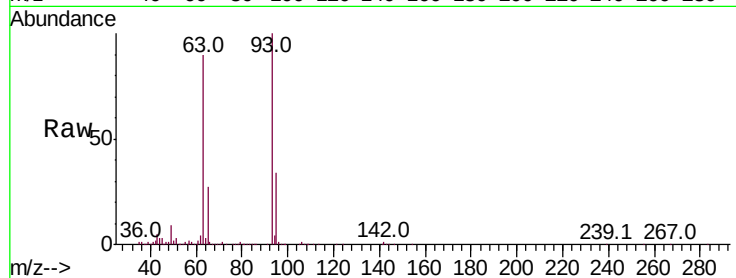
Tot Ion: 93 Resp: 382565

Ion Ratio Lower Upper

93 100

63 90.4 63.6 103.6

95 33.7 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 78.630 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

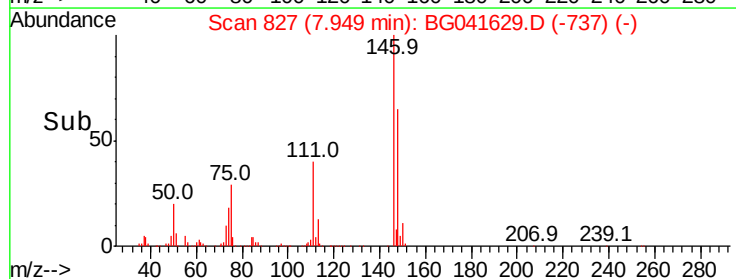
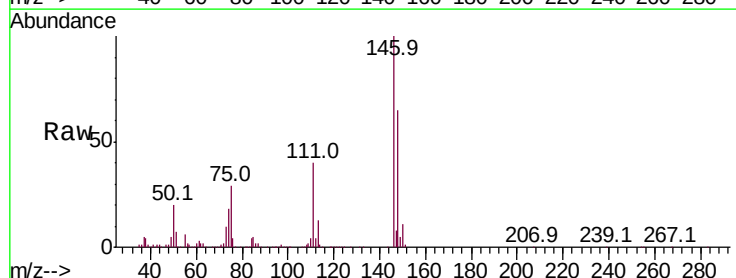
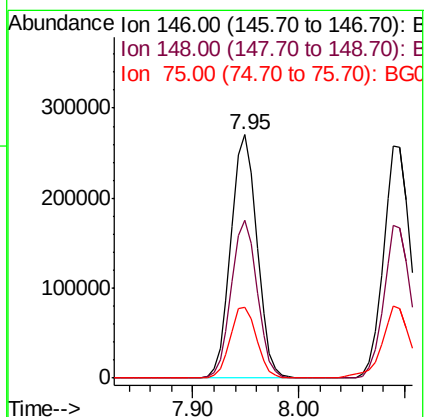
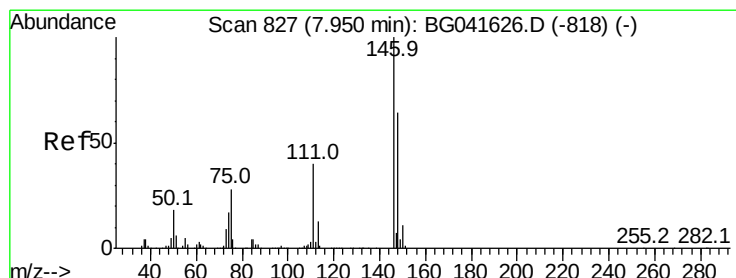
Tgt Ion: 146 Resp: 461203

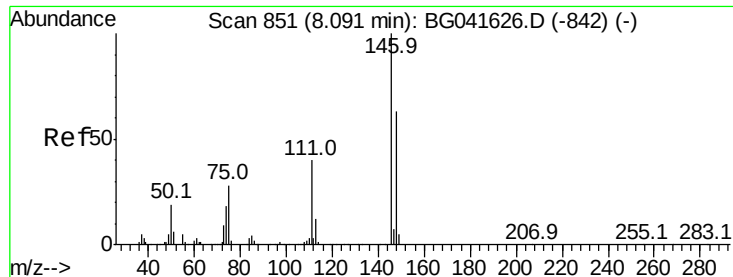
Ion Ratio Lower Upper

146 100

148 64.9 46.5 69.7

75 28.9 32.2 48.4#

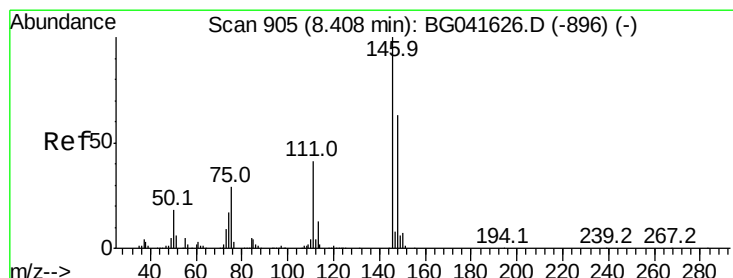
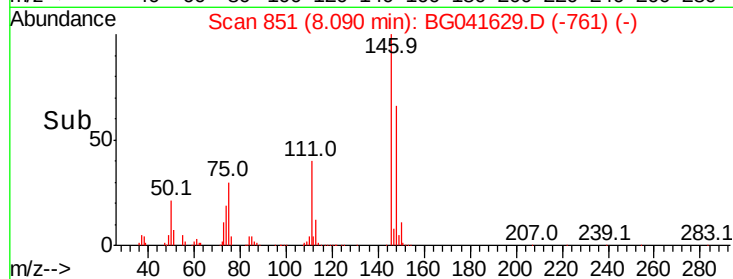
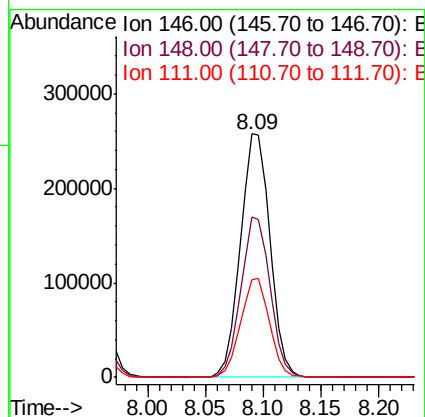
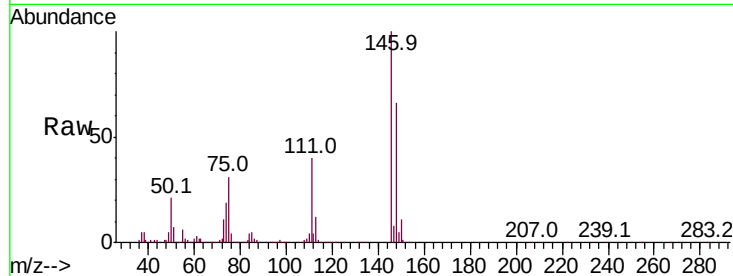




#13
 1,4-Dichlorobenzene
 Concen: 76.492 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

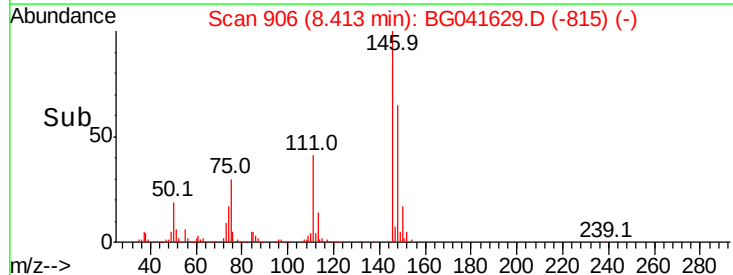
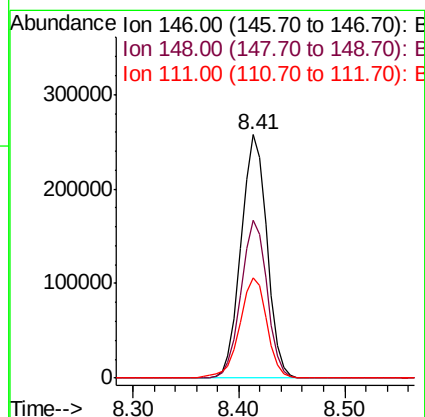
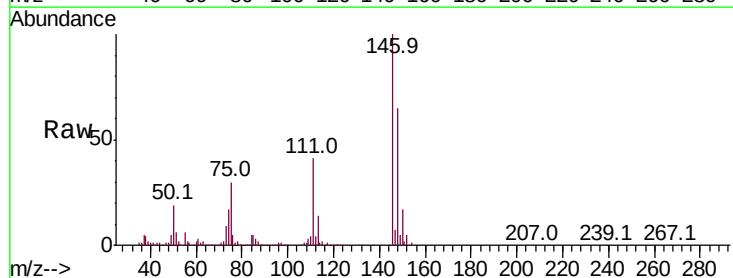
Instrument :
 BNA_G
 ClientSampleId :

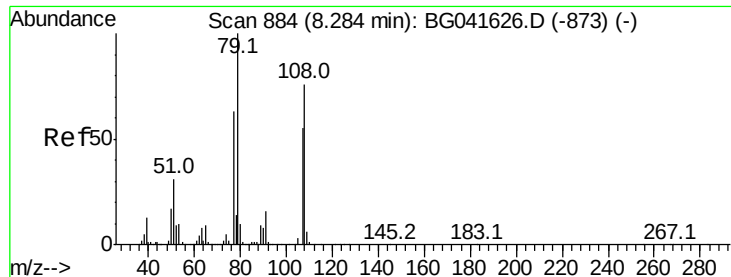
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	47.3	70.9
111	40.1	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 76.057 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.9	82.3
111	41.4	37.0	55.6





#15

Benzyl Alcohol

Concen: 66.607 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

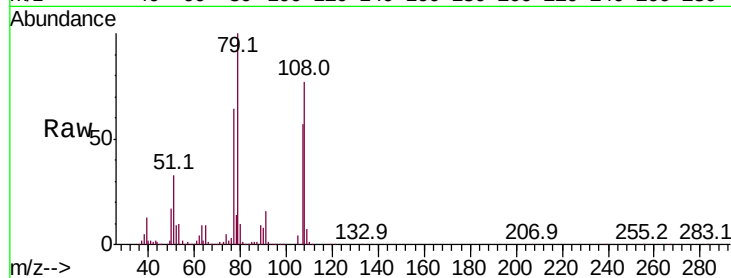
Tot Ion: 79 Resp: 368789

Ion Ratio Lower Upper

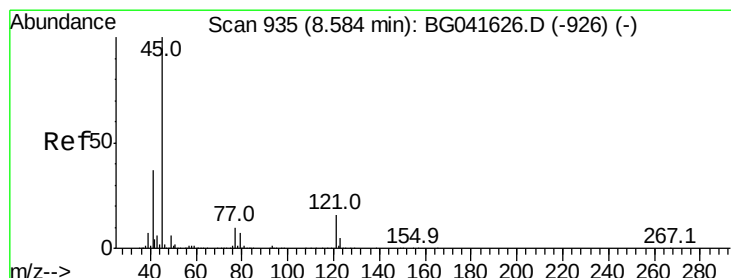
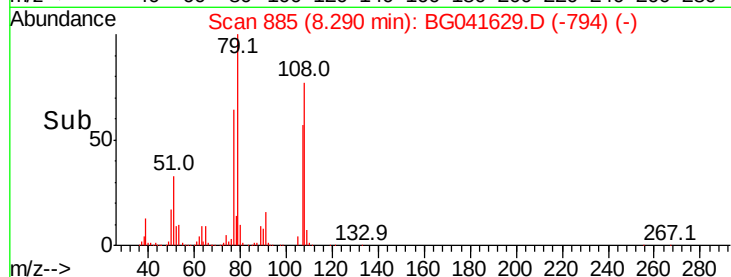
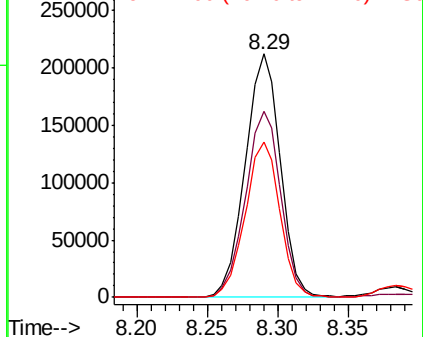
79 100

108 76.6 52.7 79.1

77 63.9 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 106.272 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

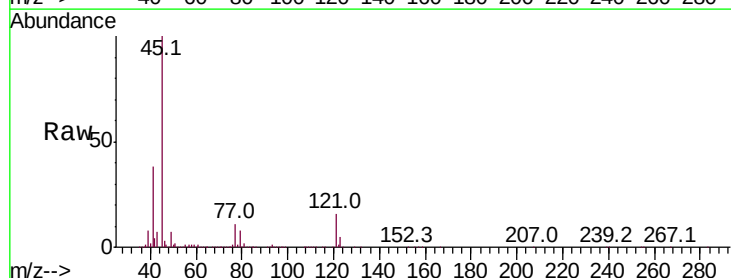
Tgt Ion: 45 Resp: 820295

Ion Ratio Lower Upper

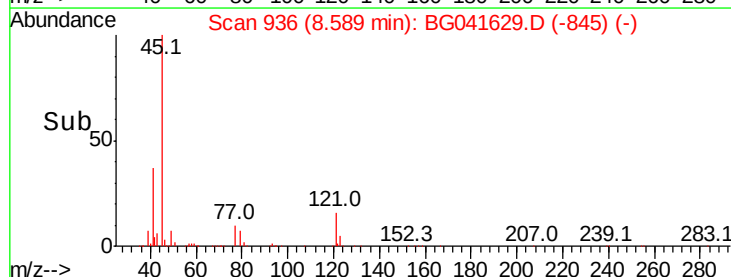
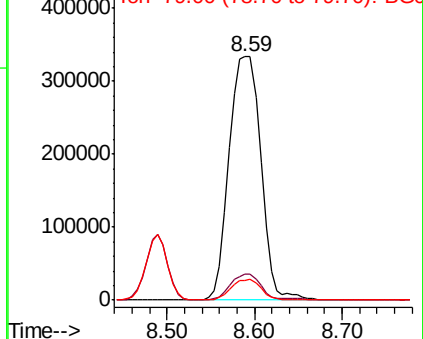
45 100

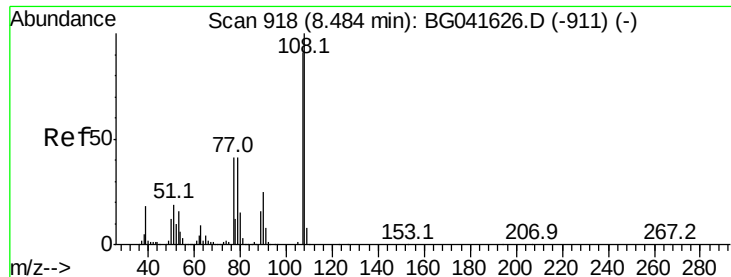
77 10.5 0.0 35.2

79 7.9 0.0 31.6



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





#17

2-Methylphenol

Concen: 76.069 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 337959

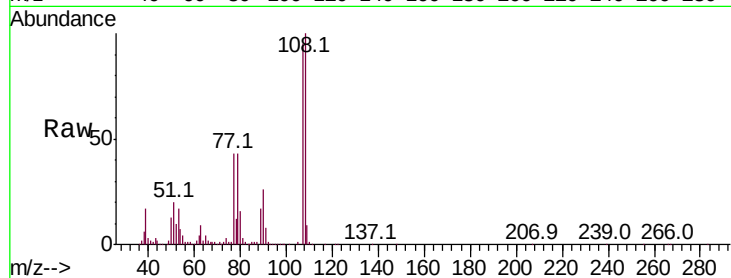
Ion Ratio Lower Upper

107 100

108 105.8 91.7 137.5

77 46.0 47.8 71.8#

79 45.5 46.8 70.2#

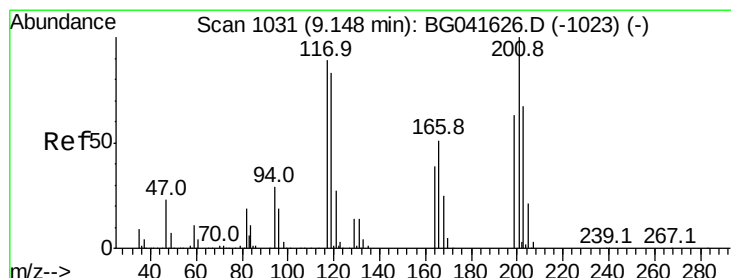
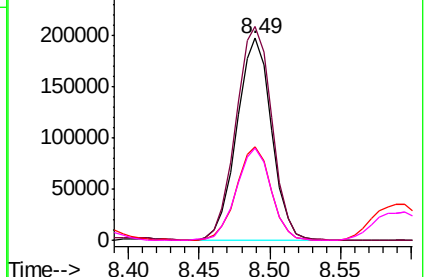
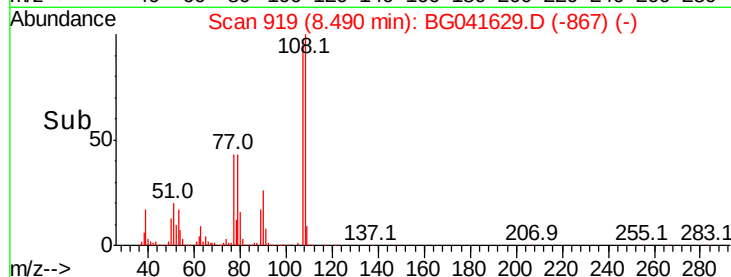


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 71.755 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

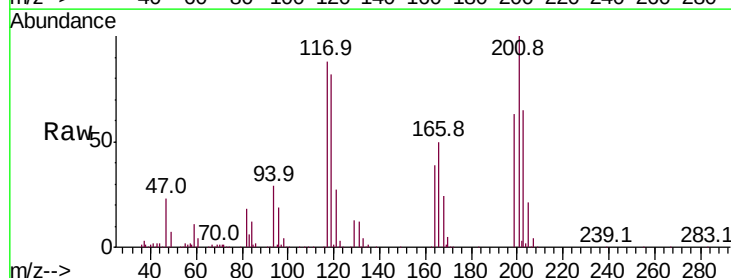
Tgt Ion:117 Resp: 170366

Ion Ratio Lower Upper

117 100

119 92.8 76.8 115.2

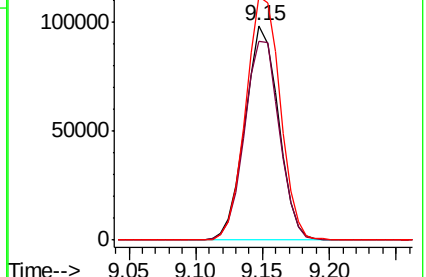
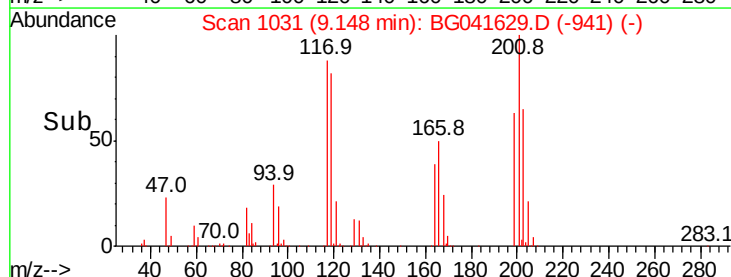
201 113.6 106.3 159.5

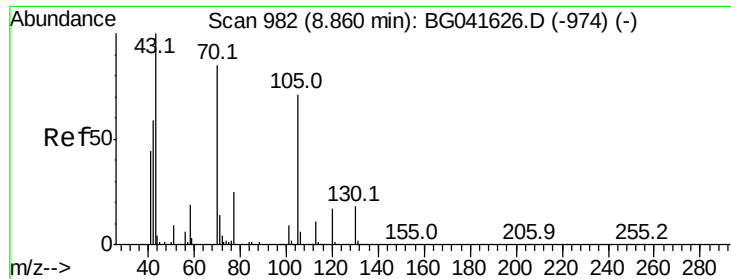


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

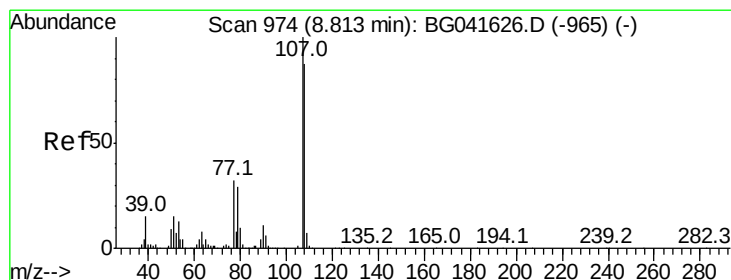
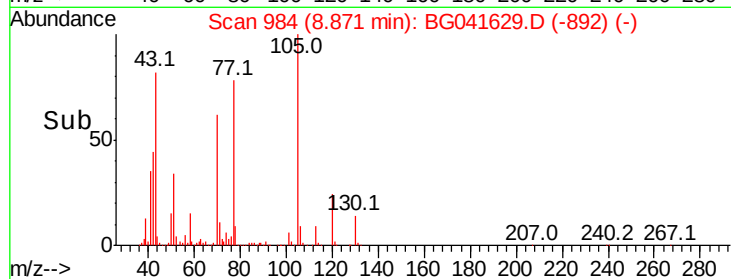
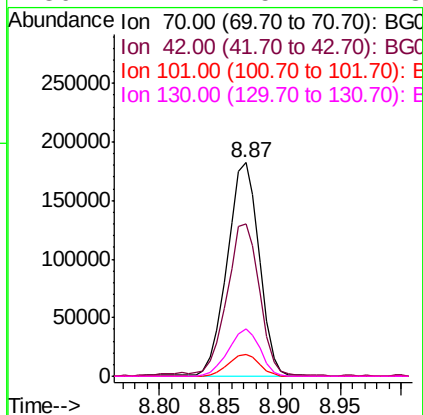
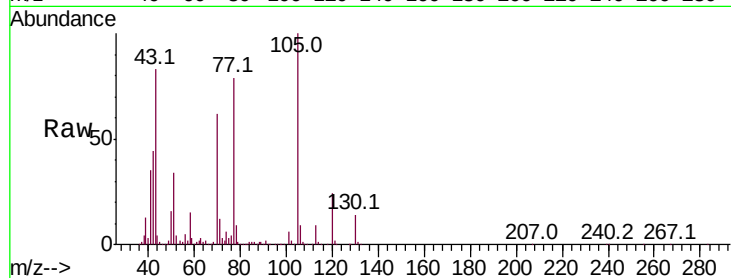




#19
n-Nitroso-di-n-propylamine
Concen: 71.441 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

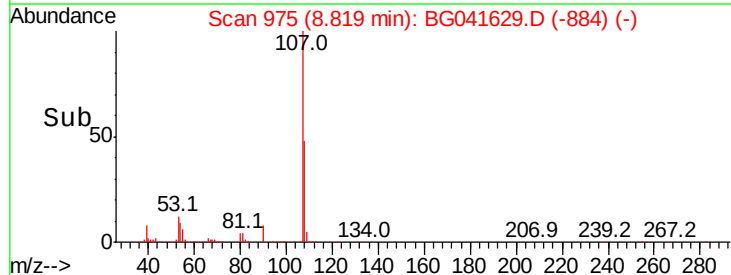
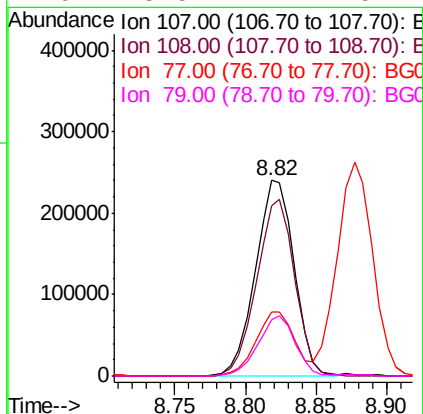
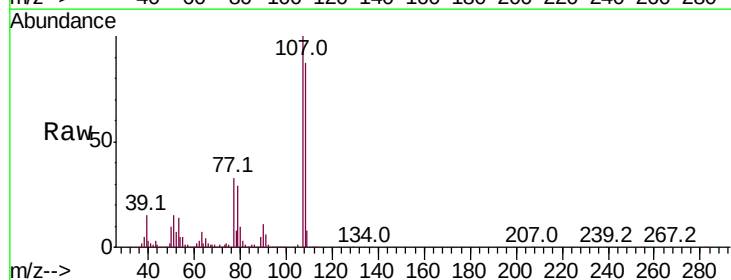
Instrument :
BNA_G
ClientSampleId :

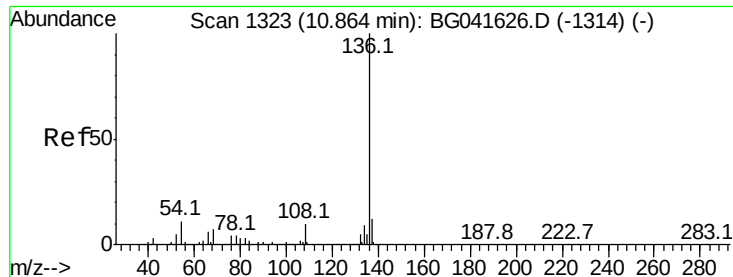
Tot Ion:	70	Resp:	333911
Ion	Ratio	Lower	Upper
70	100		
42	71.1	51.4	77.2
101	10.2	8.2	12.2
130	22.4	15.2	22.8



#20
3+4-Methylphenols
Concen: 77.815 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:	107	Resp:	460232
Ion	Ratio	Lower	Upper
107	100		
108	87.0	60.4	100.4
77	32.8	21.2	61.2
79	28.5	17.7	57.7

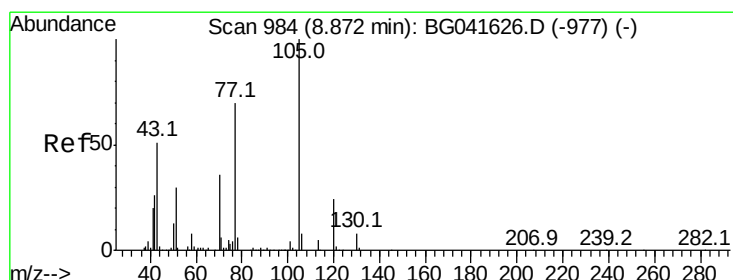
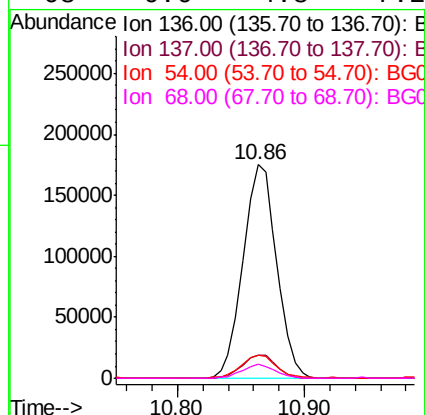
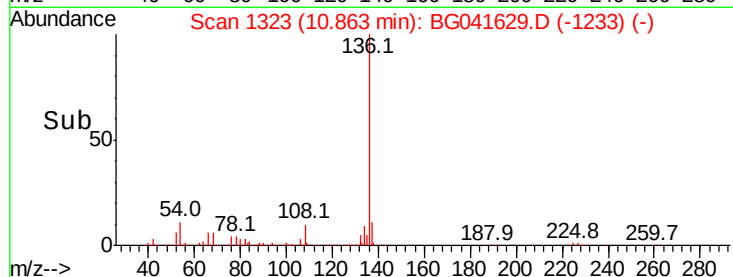
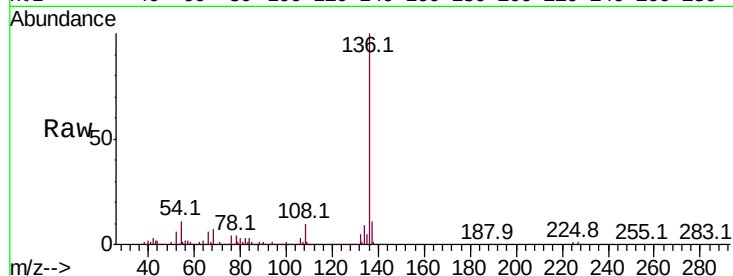




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

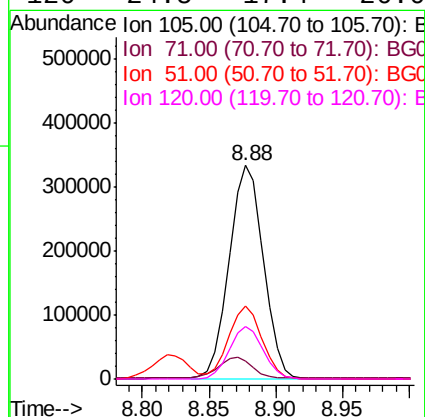
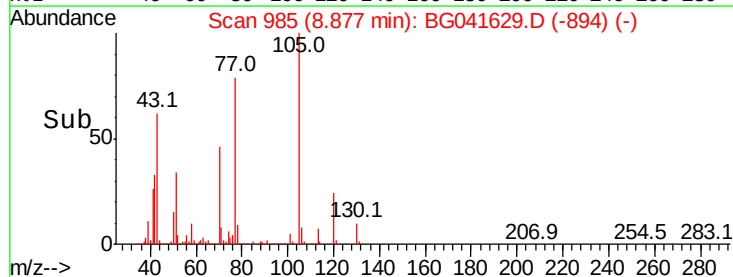
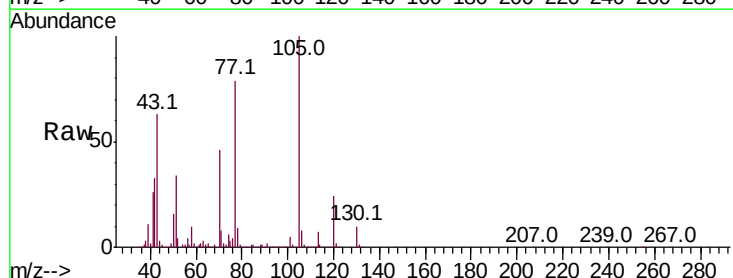
Instrument :
BNA_G
ClientSampleId :

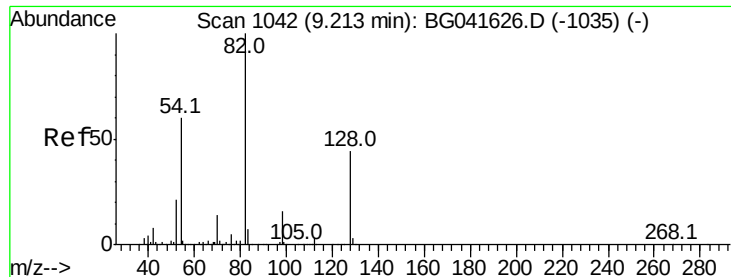
Tot Ion:136	Resp:	321847
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	11.0	6.4 9.6#
68	6.6	4.8 7.2



#22
Acetophenone
Concen: 63.574 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:105	Resp:	595420
Ion Ratio	Lower	Upper
105	100	
71	8.4	0.4 0.6#
51	34.1	28.2 42.4
120	24.5	17.4 26.0





#23

Nitrobenzene-d5

Concen: 107.664 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

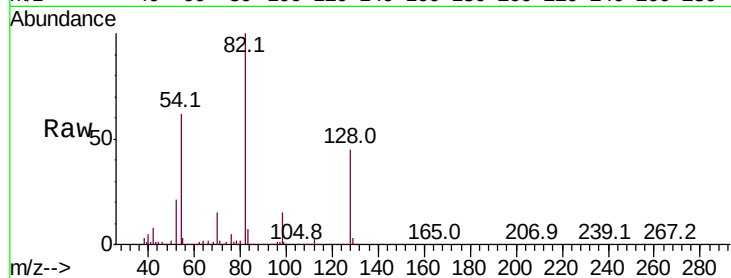
Tot Ion: 82 Resp: 823928

Ion Ratio Lower Upper

82 100

128 44.5 29.2 43.8#

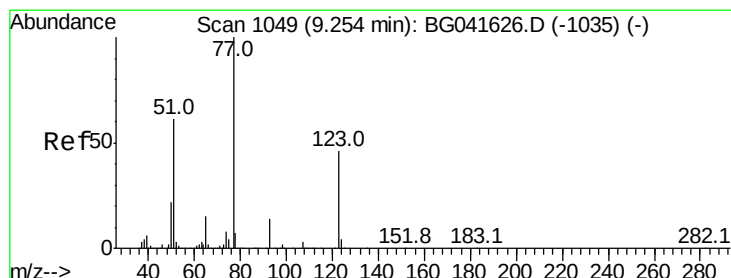
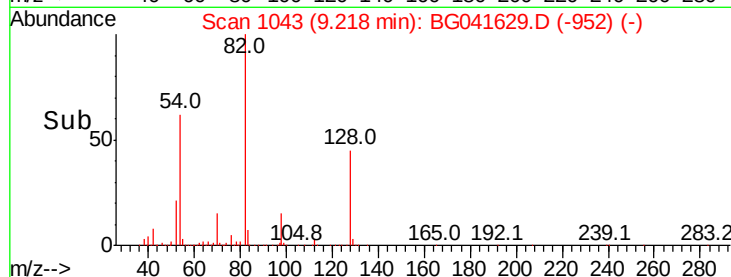
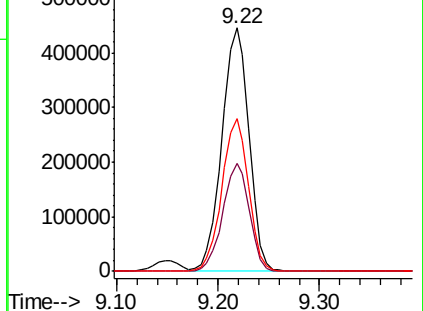
54 62.5 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 54.924 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

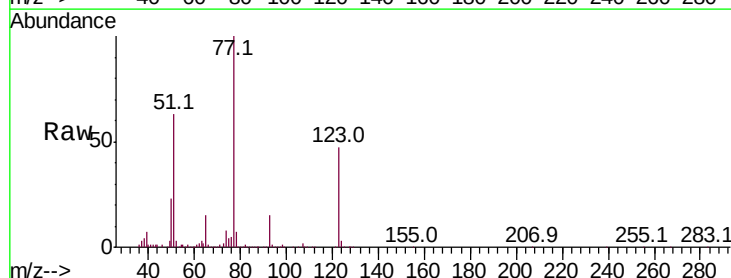
Tgt Ion: 77 Resp: 422728

Ion Ratio Lower Upper

77 100

123 47.4 30.4 45.6#

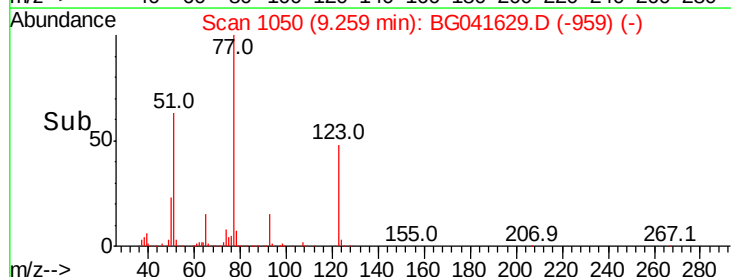
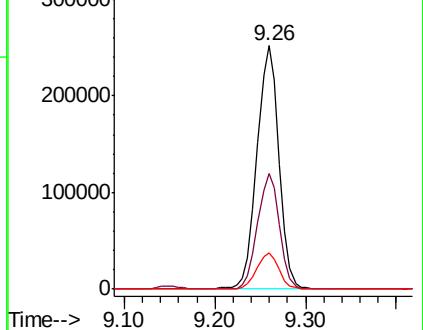
65 14.8 13.3 19.9

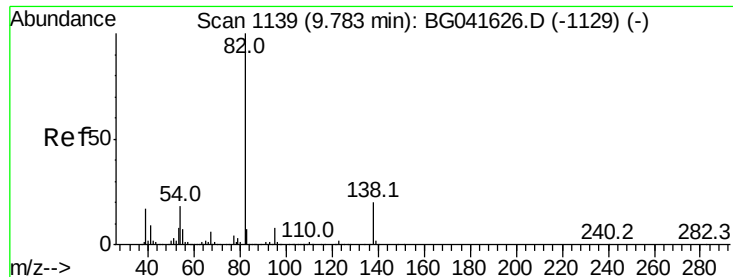


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 61.139 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

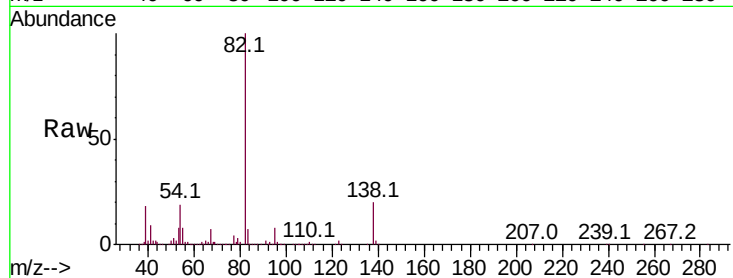
Tot Ion: 82 Resp: 858387

Ion Ratio Lower Upper

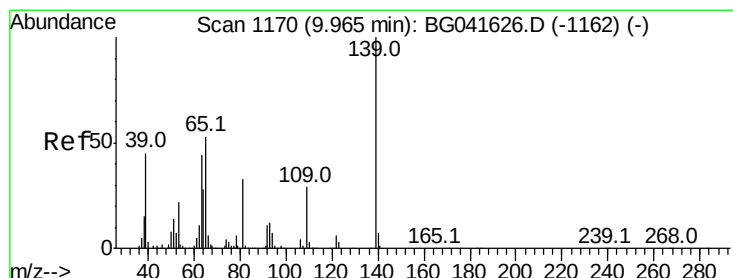
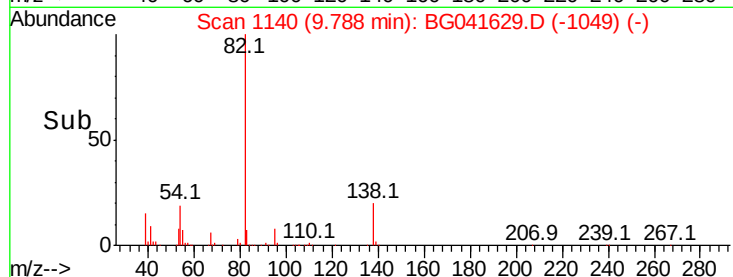
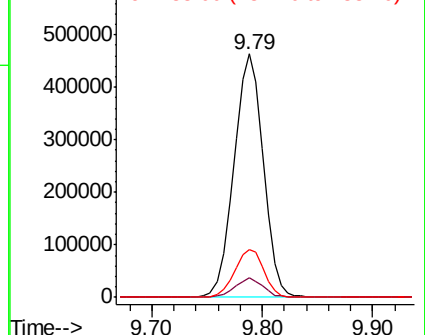
82 100

95 7.9 6.6 10.0

138 19.6 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 62.372 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

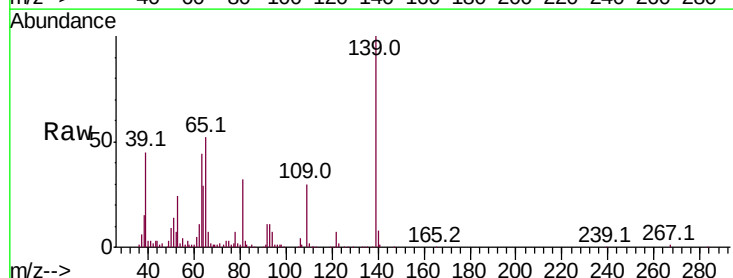
Tgt Ion: 139 Resp: 194624

Ion Ratio Lower Upper

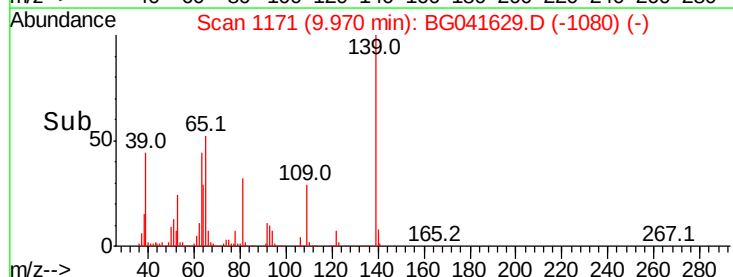
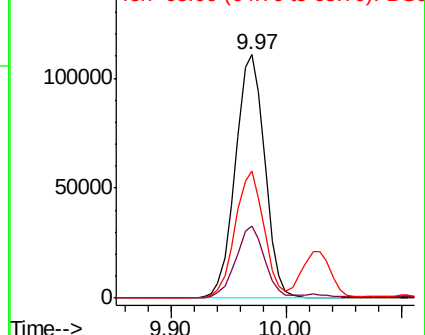
139 100

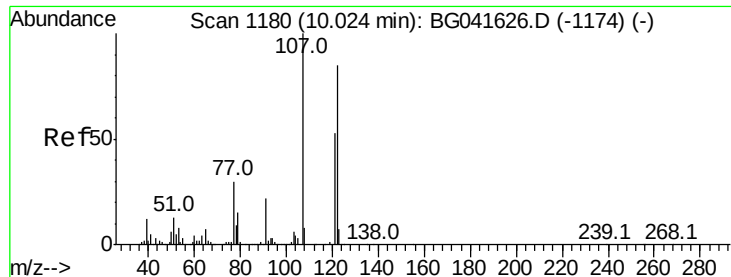
109 29.7 38.4 57.6#

65 52.0 53.6 80.4#



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

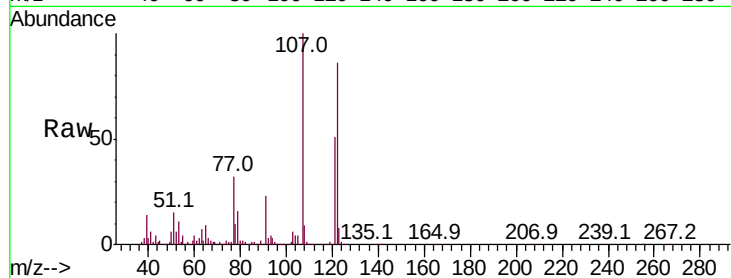




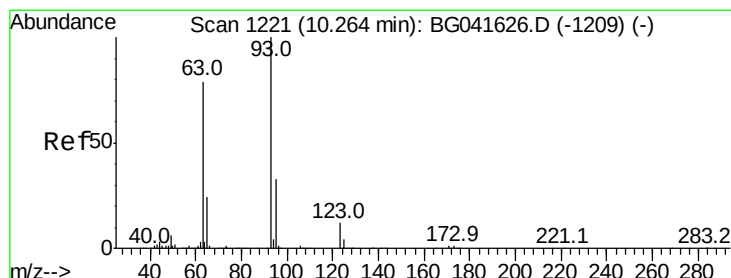
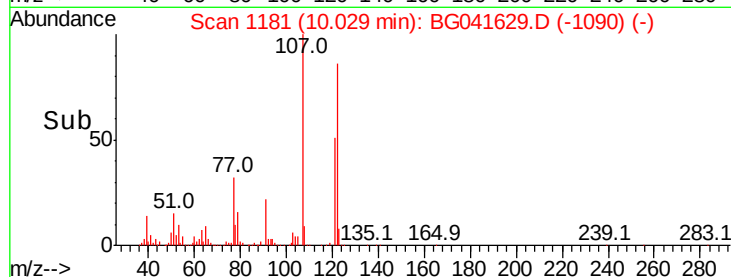
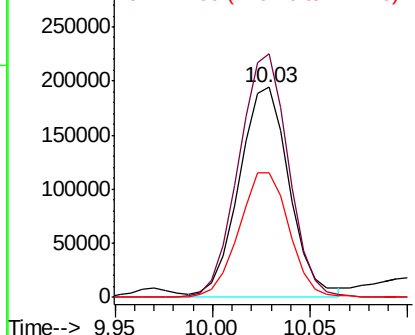
#27
2,4-Dimethylphenol
Concen: 73.935 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 345813
Ion Ratio Lower Upper
122 100
107 116.0 115.1 172.7
121 59.6 50.1 75.1

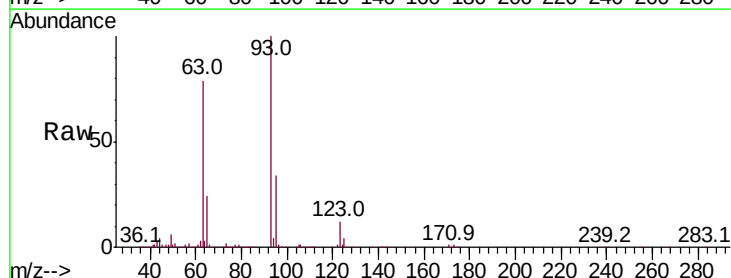


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

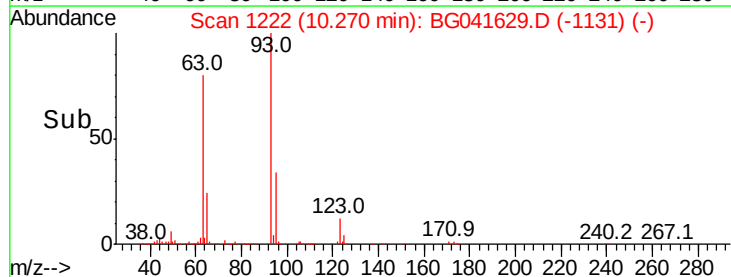
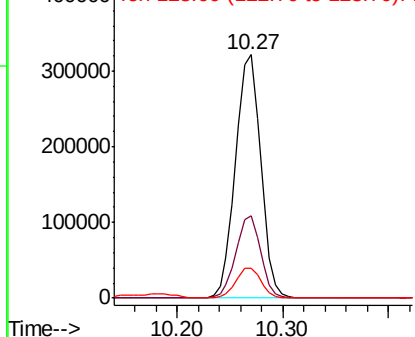


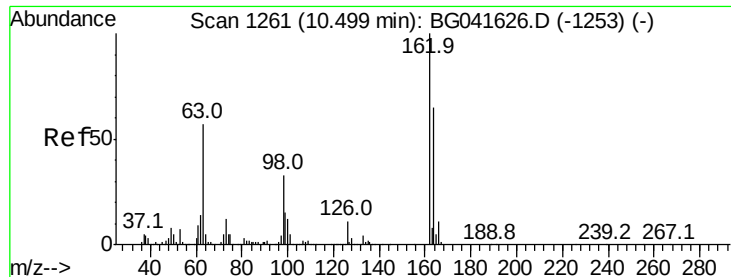
#28
bis(2-Chloroethoxy)methane
Concen: 72.446 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion: 93 Resp: 529976
Ion Ratio Lower Upper
93 100
95 33.8 27.3 40.9
123 12.2 9.6 14.4



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





#29

2,4-Dichlorophenol

Concen: 68.921 ng

RT: 10.50 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BG041629.D

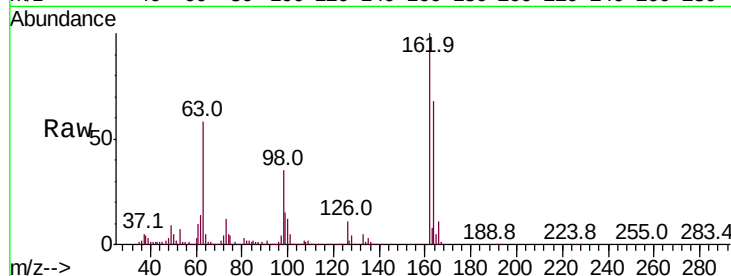
Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

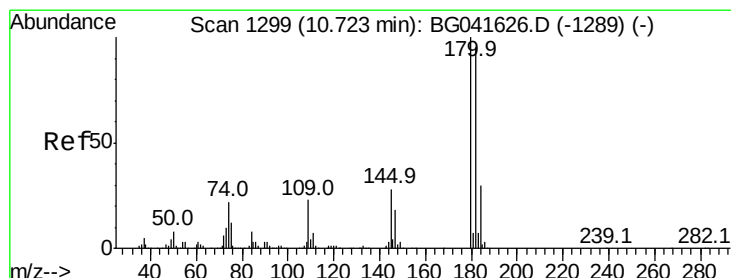
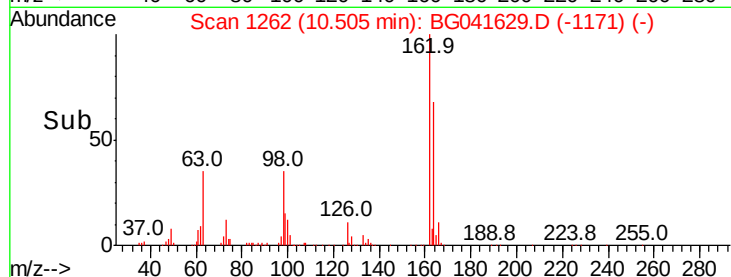
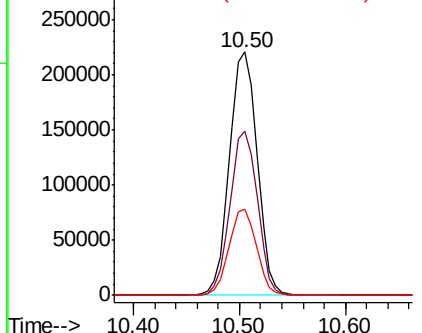
Tot Ion:	162	Resp:	399707
Ion	Ratio	Lower	Upper
162	100		
164	67.7	46.0	86.0
98	35.3	17.4	57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 62.492 ng

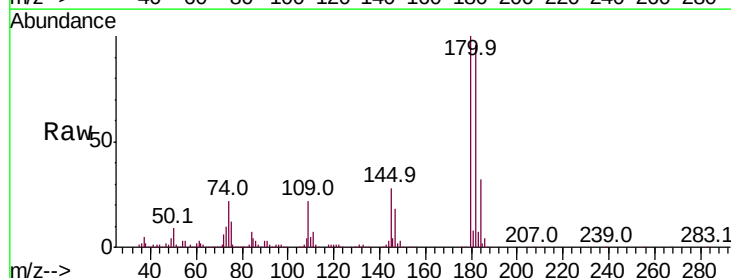
RT: 10.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

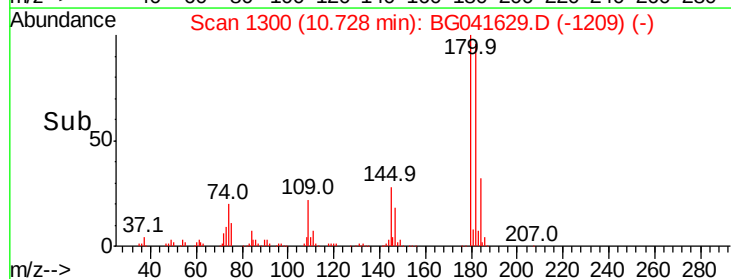
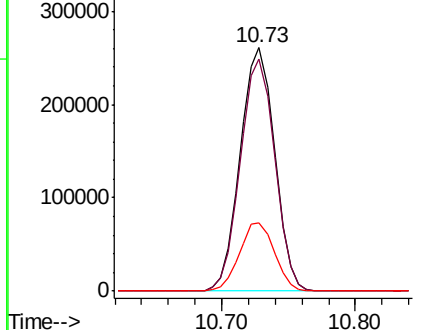
Tgt Ion:	180	Resp:	464160
Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.6	117.8
145	28.0	21.7	32.5

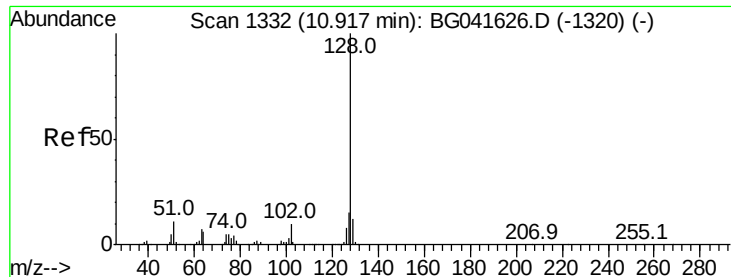


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

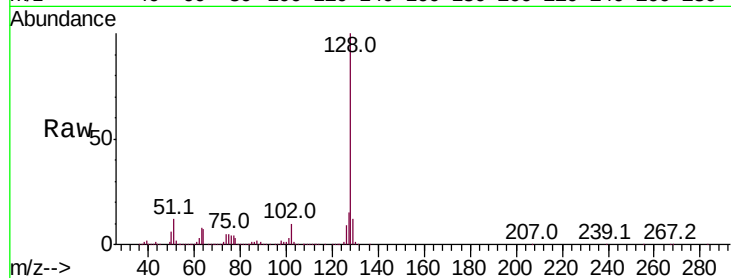




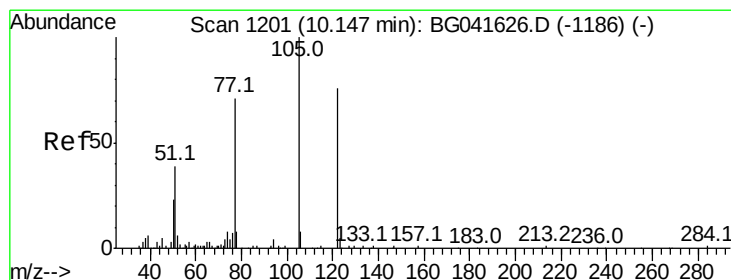
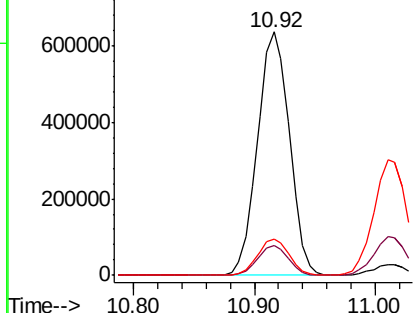
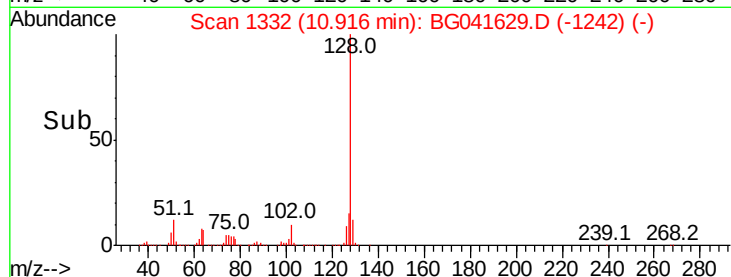
#31
Naphthalene
Concen: 66.683 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1166412
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 15.0 11.2 16.8

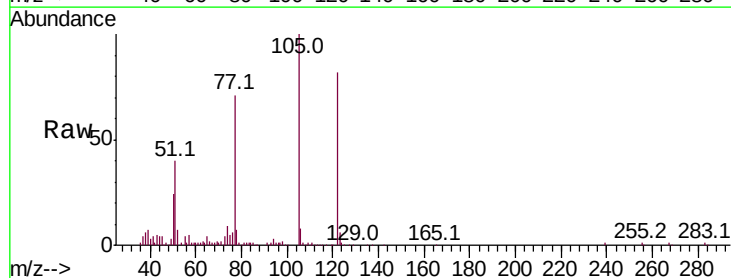


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

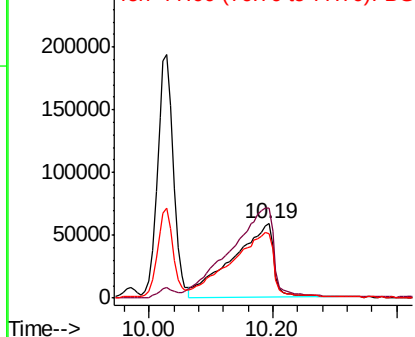
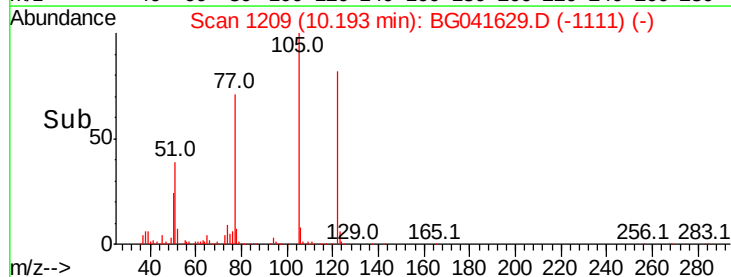


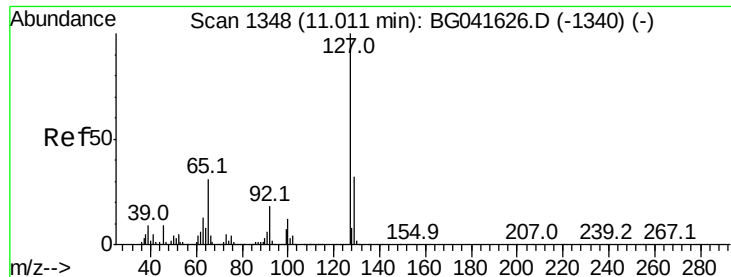
#32
Benzoic acid
Concen: 89.497 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:122 Resp: 272498
Ion Ratio Lower Upper
122 100
105 121.6 124.2 164.2#
77 86.6 97.2 137.2#



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

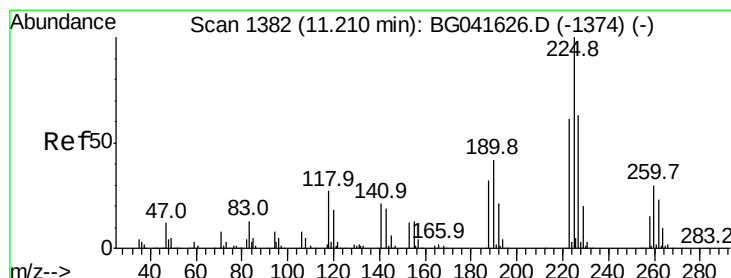
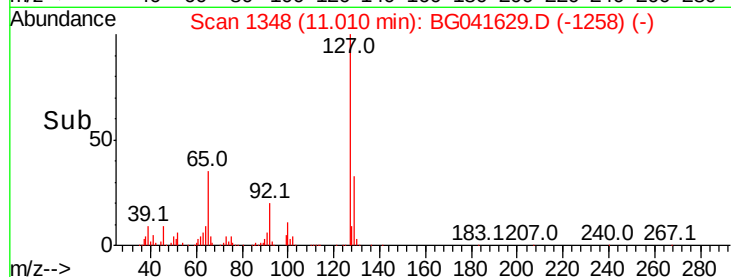
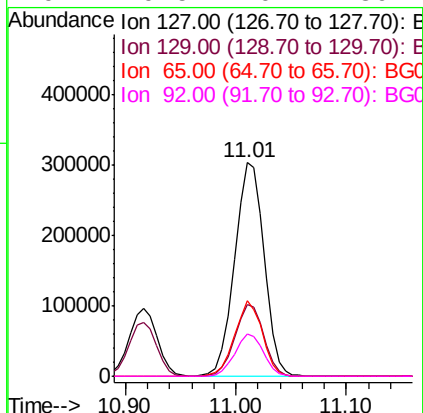
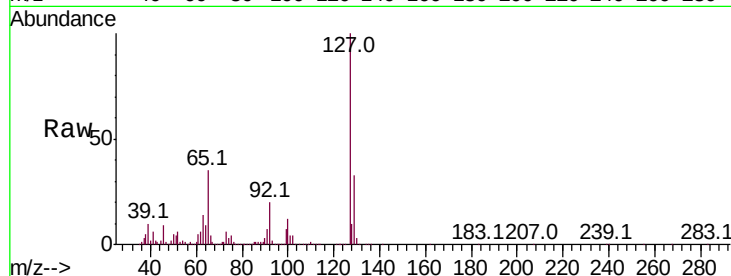




#33
4-Chloroaniline
Concen: 76.272 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

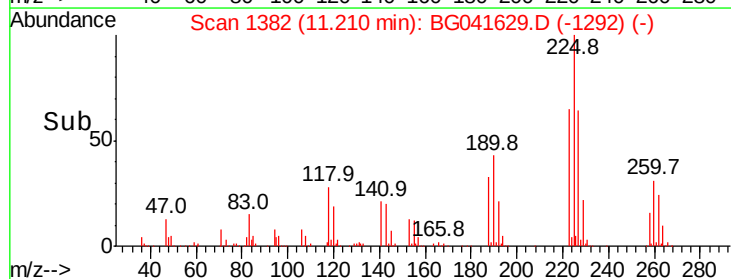
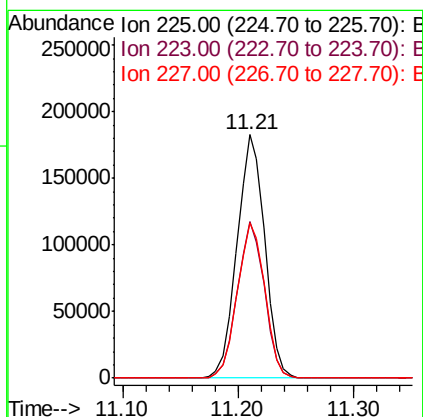
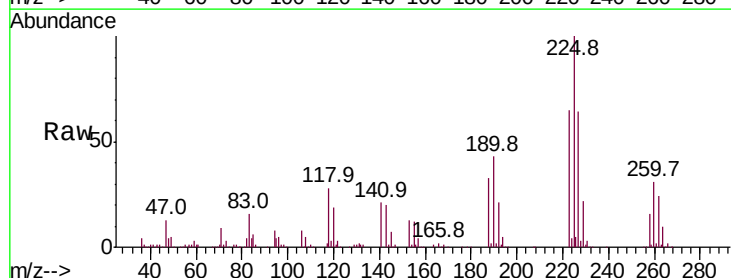
Instrument :
BNA_G
ClientSampleId :

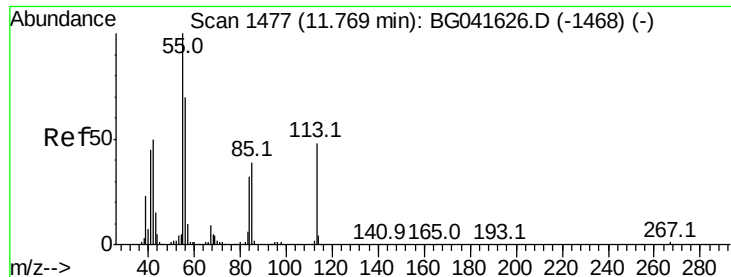
Tot Ion:	127	Resp:	566607
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.8
65	35.1	33.8	50.8
92	19.5	20.2	30.4



#34
Hexachlorobutadiene
Concen: 51.283 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:	225	Resp:	302352
Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.5	78.7
227	63.7	50.2	75.2

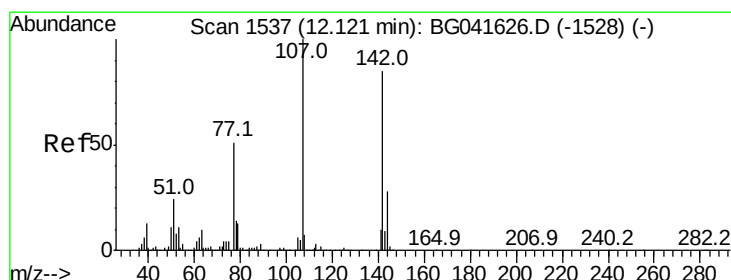
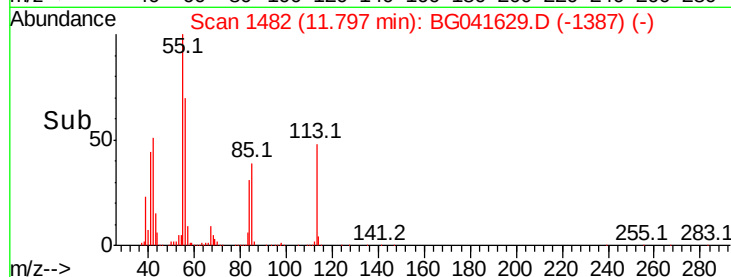
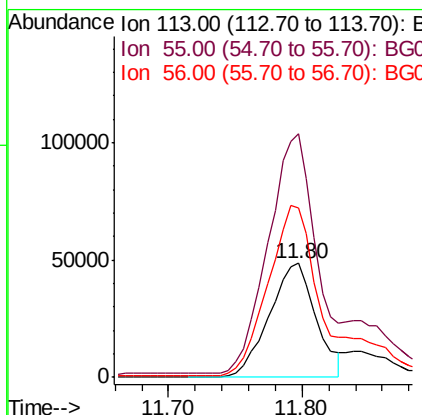
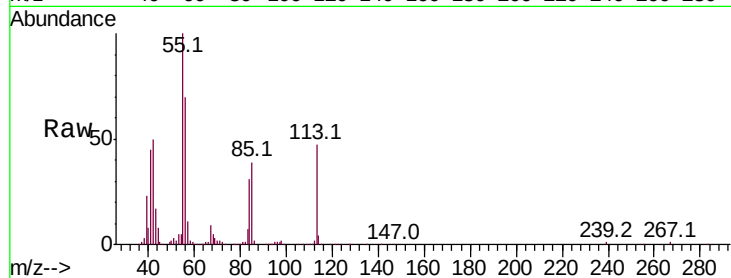




#35
 Caprolactam
 Concen: 59.155 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.03 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

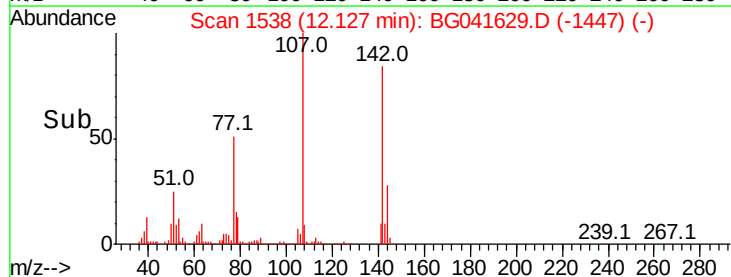
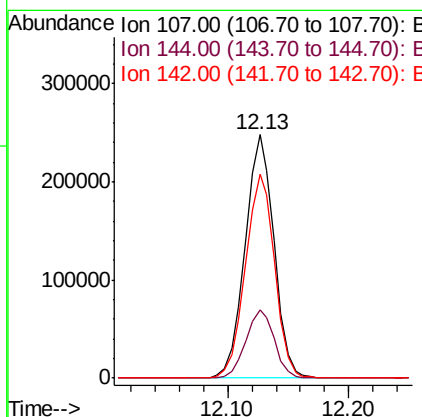
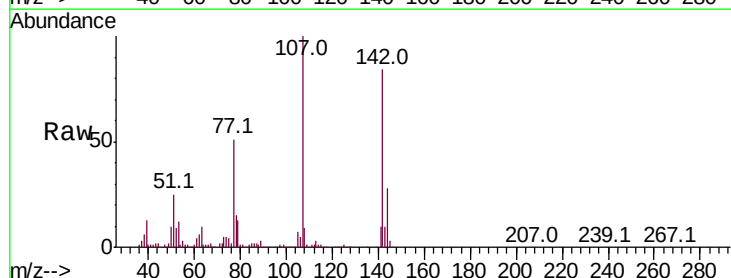
Instrument :
 BNA_G
 ClientSampleId :

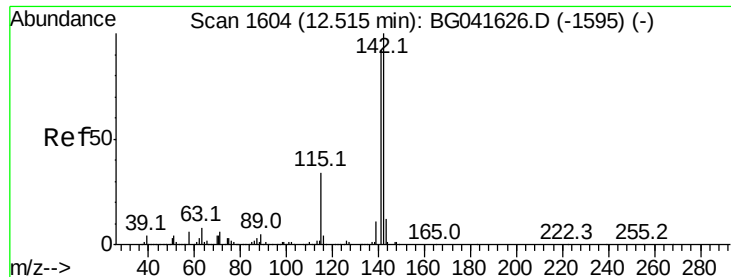
Tot Ion:113 Resp: 118106
 Ion Ratio Lower Upper
 113 100
 55 213.3 182.6 222.6
 56 149.0 137.5 177.5



#36
 4-Chloro-3-methylphenol
 Concen: 61.846 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion:107 Resp: 414297
 Ion Ratio Lower Upper
 107 100
 144 28.2 18.5 27.7#
 142 83.6 56.3 84.5





#37

2-Methylnaphthalene

Concen: 69.409 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BG041629.D

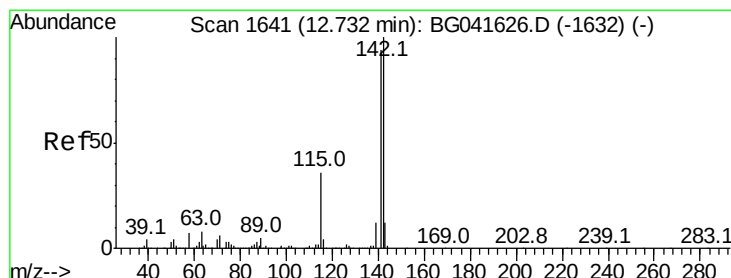
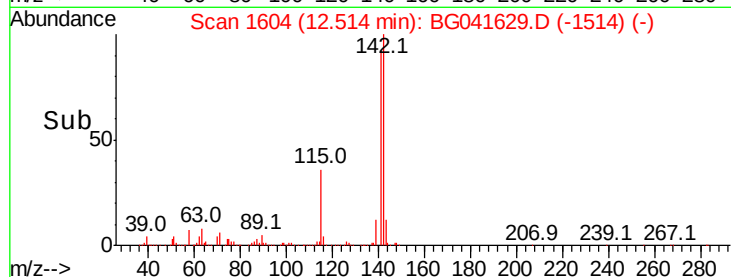
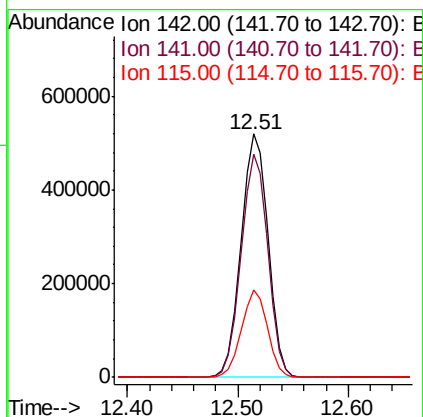
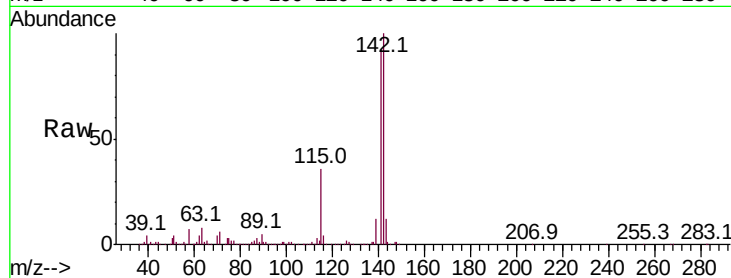
Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	142	Resp:	894207
Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.5	107.3
115	35.8	37.0	55.6#



#38

1-Methylnaphthalene

Concen: 68.906 ng

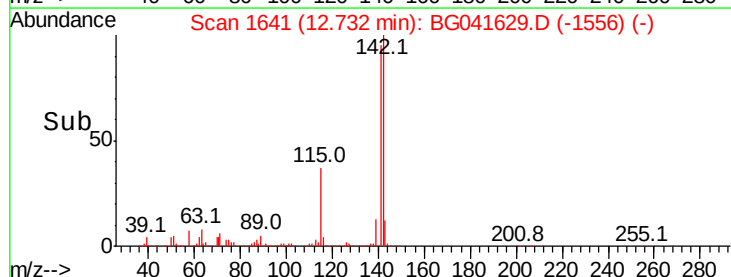
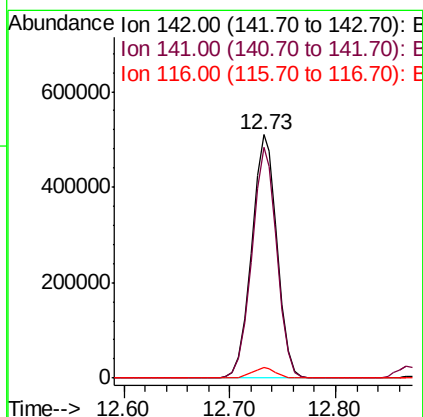
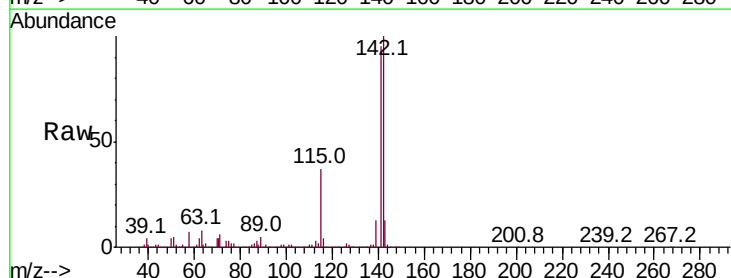
RT: 12.73 min Scan# 1641

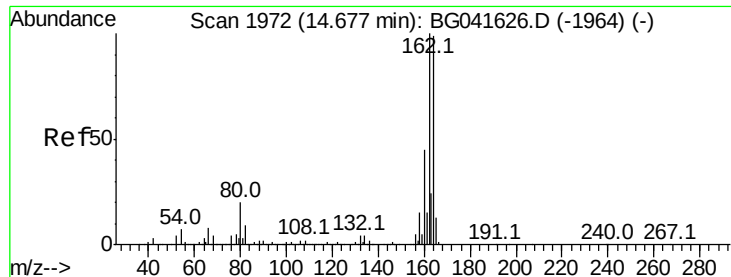
Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Tgt Ion:	142	Resp:	849338
Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.0	112.6
116	4.2	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

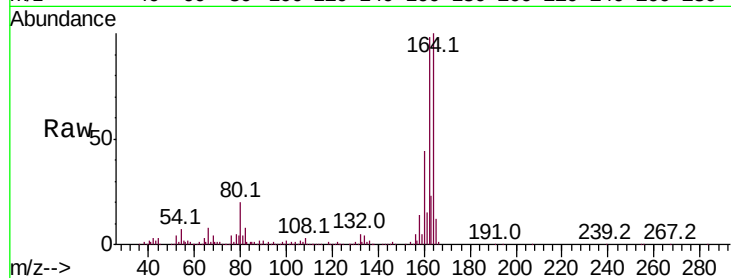
Tot Ion:164 Resp: 206262

Ion Ratio Lower Upper

164 100

162 98.1 82.8 124.2

160 44.2 35.8 53.8

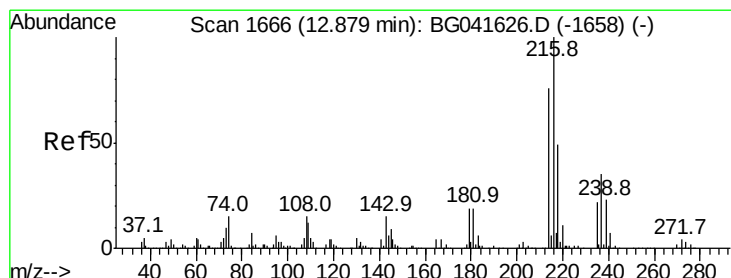
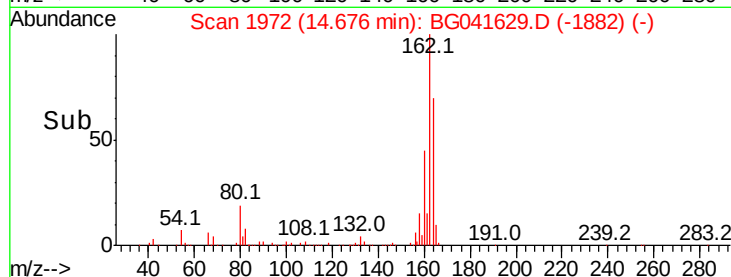
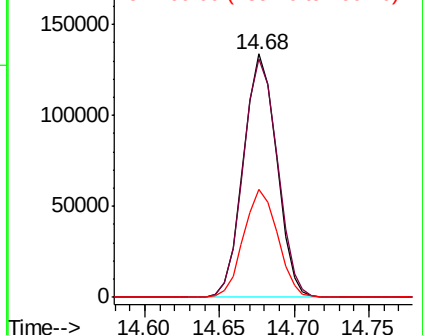


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.312 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Tgt Ion:216 Resp: 522202

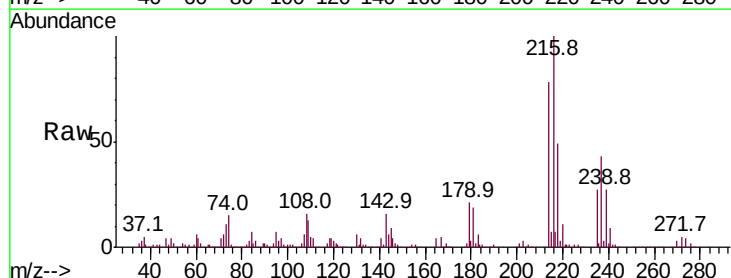
Ion Ratio Lower Upper

216 100

214 77.3 62.8 94.2

179 20.2 15.2 22.8

108 16.3 12.4 18.6



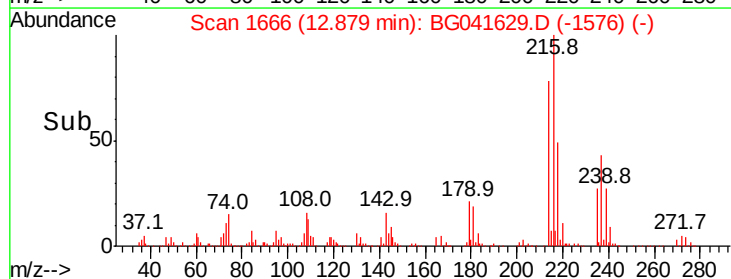
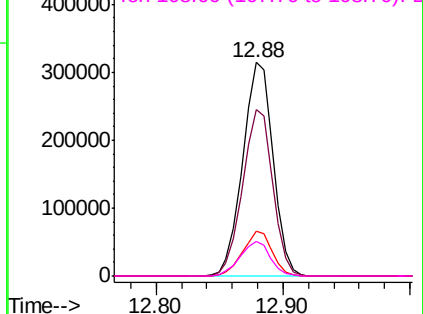
Abundance

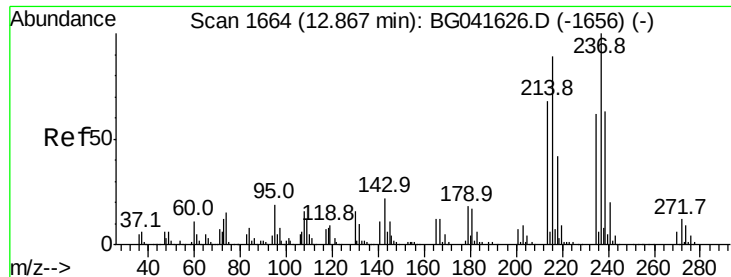
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 56.503 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

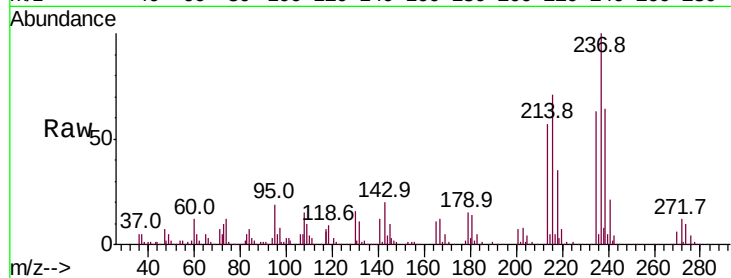
Tot Ion:237 Resp: 324165

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

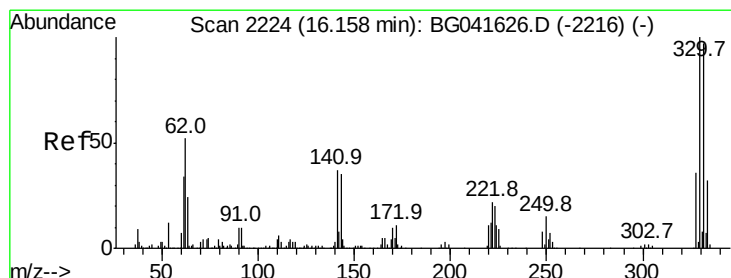
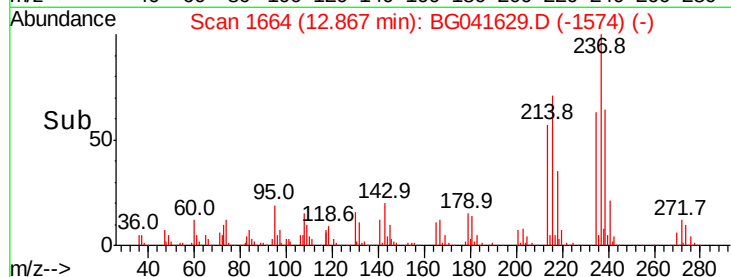
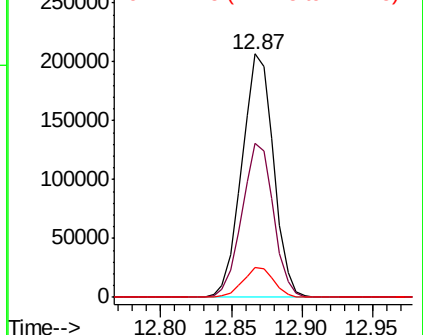
272 12.2 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.697 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

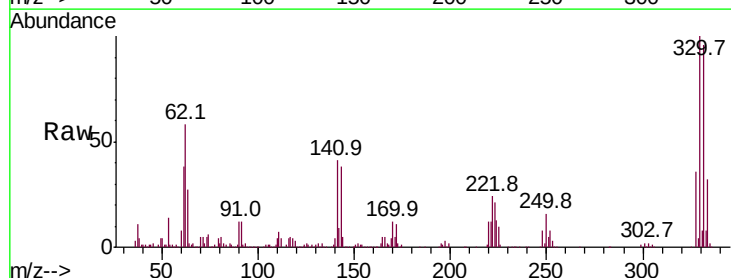
Tgt Ion:330 Resp: 350530

Ion Ratio Lower Upper

330 100

332 95.8 75.5 113.3

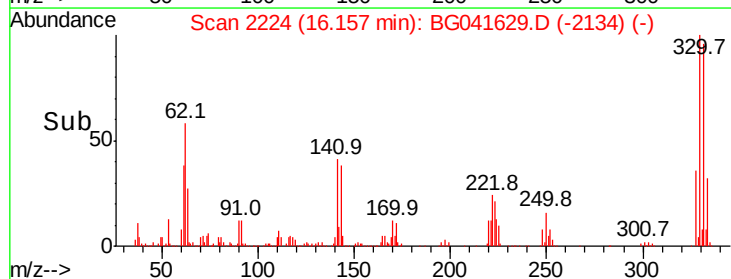
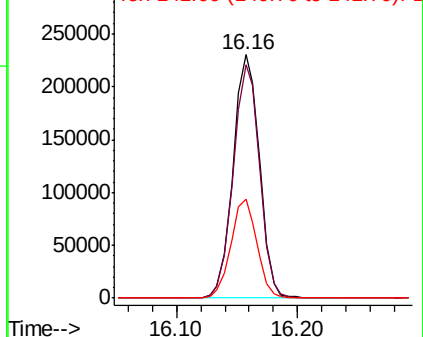
141 40.4 29.0 43.4

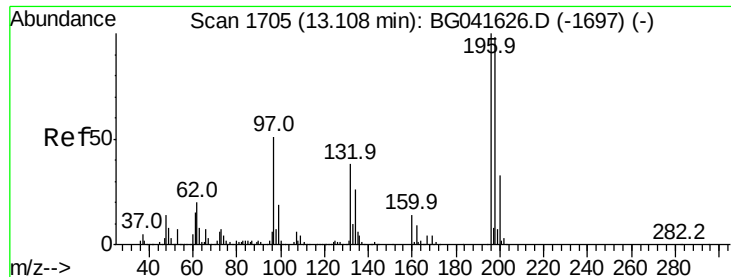


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

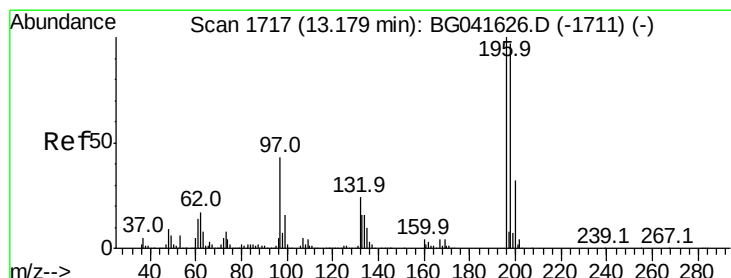
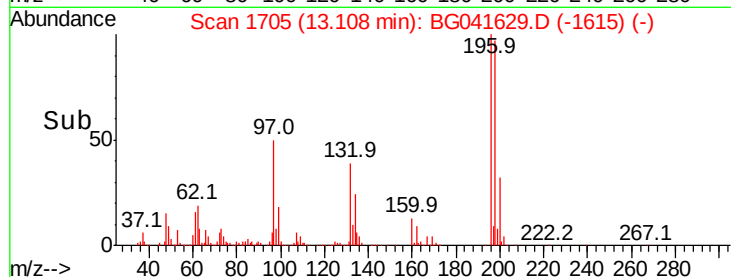
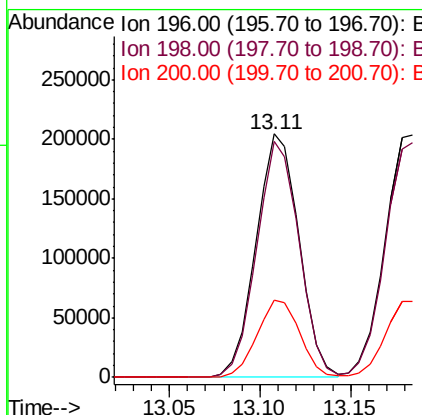
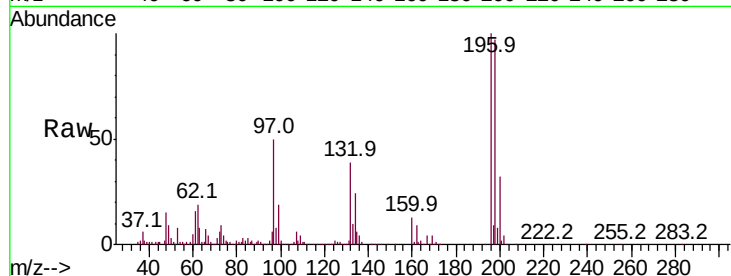




#43
 2,4,6-Trichlorophenol
 Concen: 63.752 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

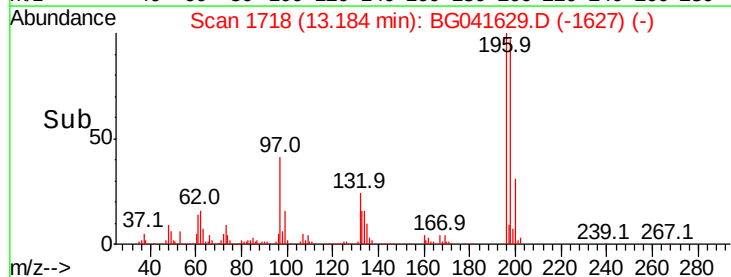
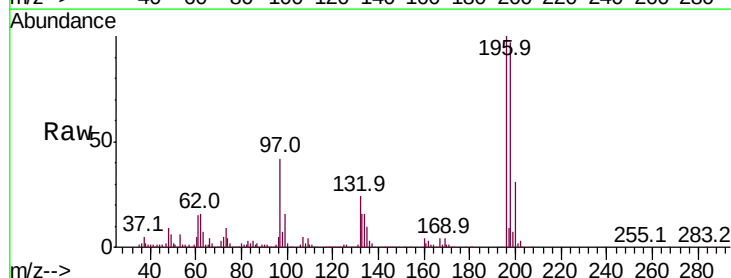
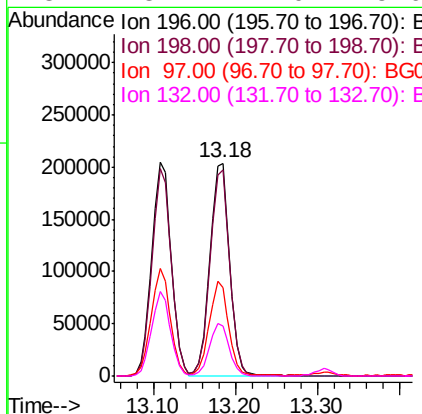
Instrument :
 BNA_G
 ClientSampleId :

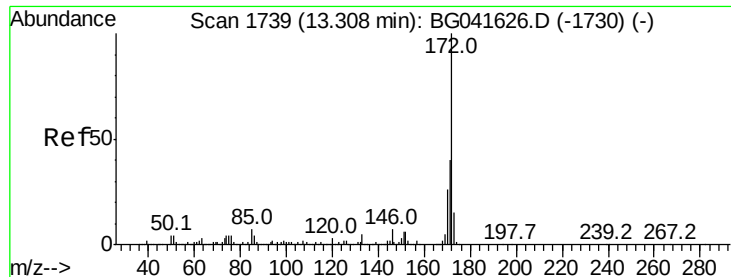
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.9	112.3
200	31.7	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 63.014 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.1	114.1
97	41.6	35.9	53.9
132	23.7	17.0	25.6





#45

2-Fluorobiphenyl

Concen: 124.731 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

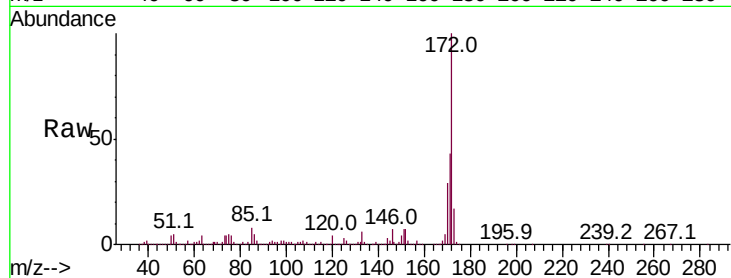
Instrument :

BNA_G

ClientSampled :

Tot Ion:172 Resp: 1892881

Ion	Ratio	Lower	Upper
172	100		
171	43.4	30.0	45.0
170	29.0	19.8	29.6

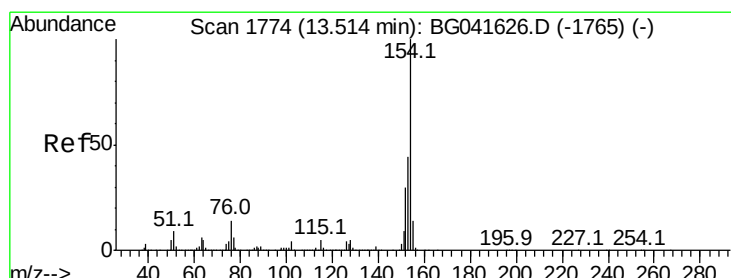
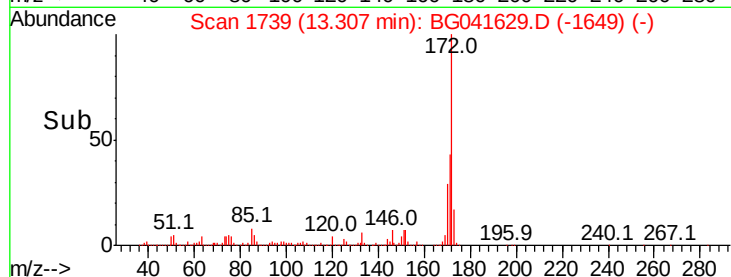


Abundance

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



#46

1,1'-Biphenyl

Concen: 71.615 ng

RT: 13.52 min Scan# 1775

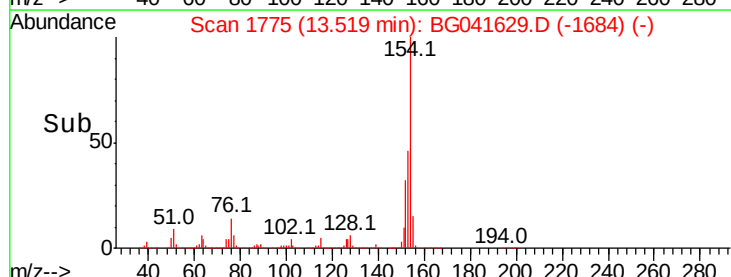
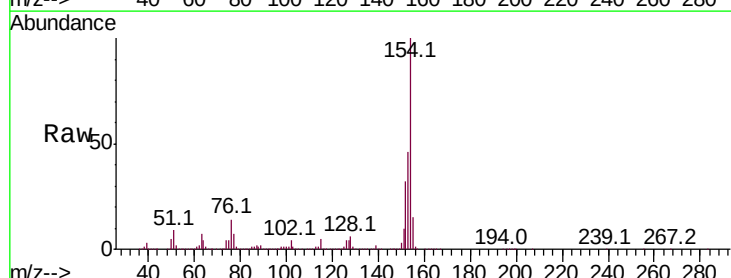
Delta R.T. 0.01 min

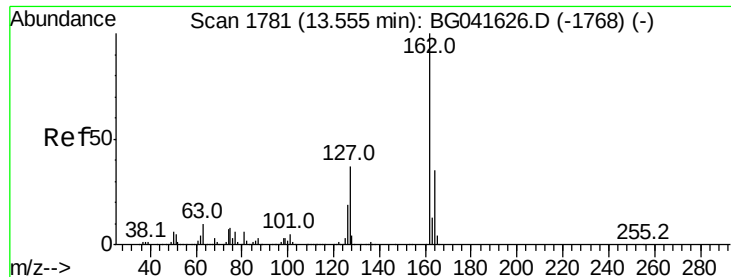
Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Tgt Ion:154 Resp: 1116706

Ion	Ratio	Lower	Upper
154	100		
153	45.9	22.3	62.3
76	14.5	0.0	30.8

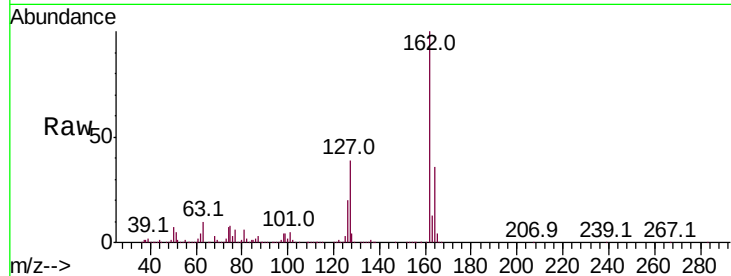




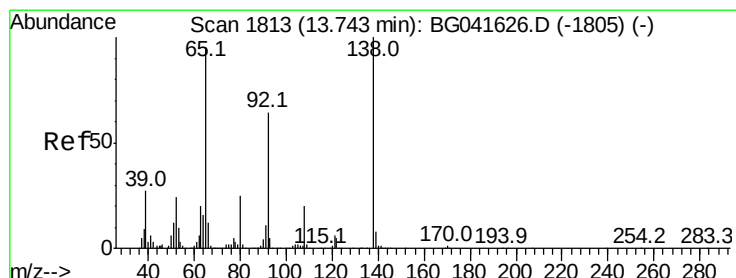
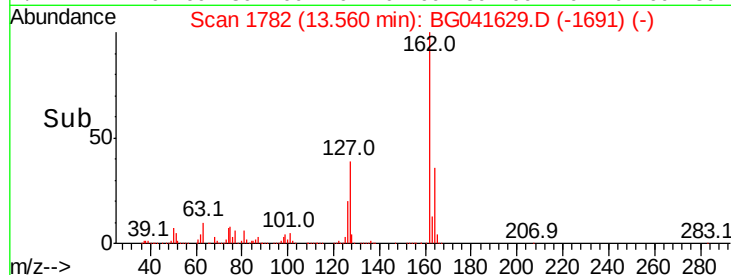
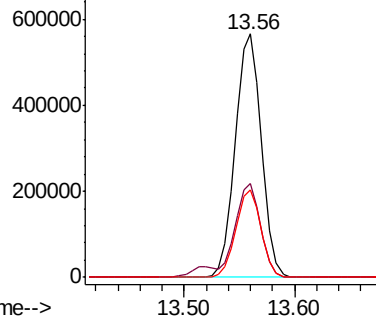
#47
2-Chloronaphthalene
Concen: 69.778 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	36.1	26.1	39.1

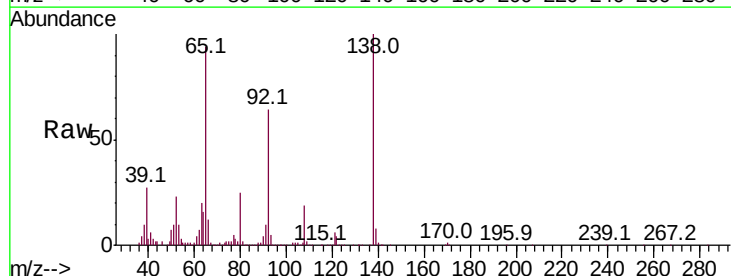


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

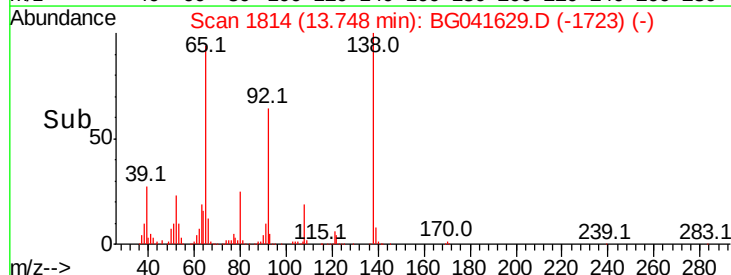
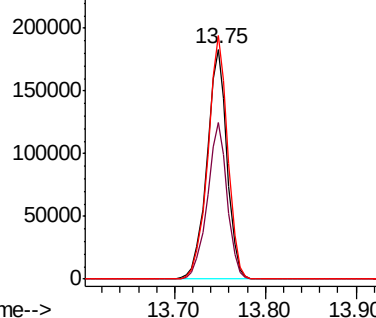


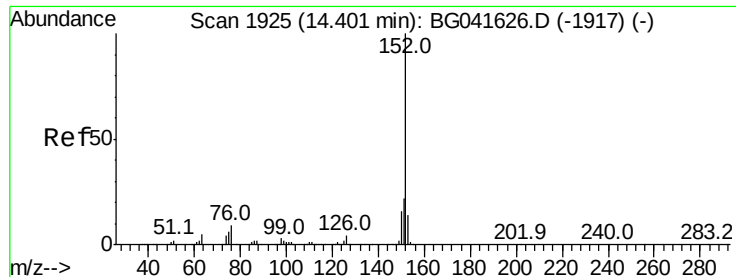
#48
2-Nitroaniline
Concen: 57.425 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	47.4	71.2
138	105.9	64.7	97.1#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 69.101 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

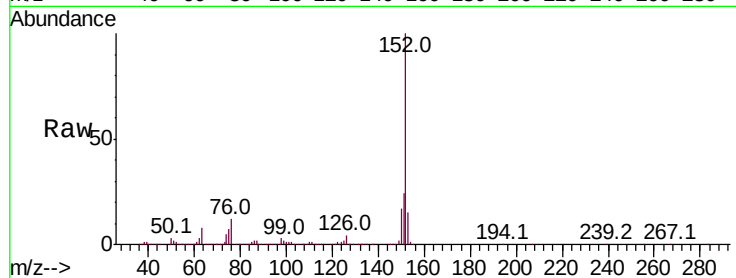
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1407710

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.8	25.2
153	15.1	10.8	16.2

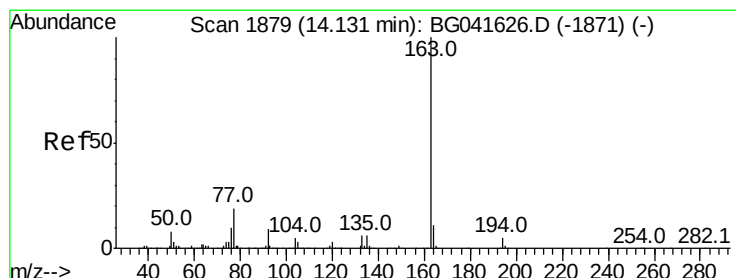
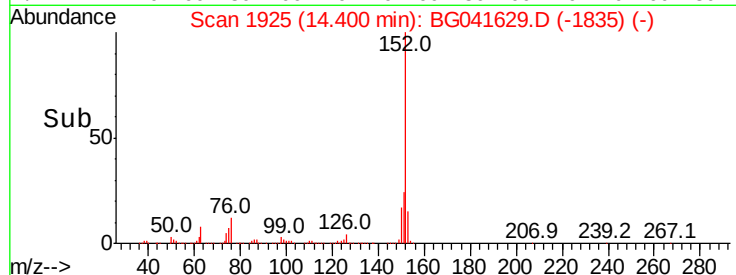
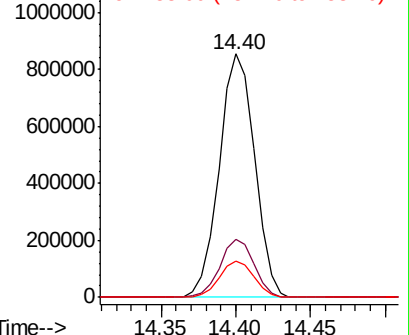


Abundance

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



#50

Dimethylphthalate

Concen: 64.399 ng

RT: 14.14 min Scan# 1880

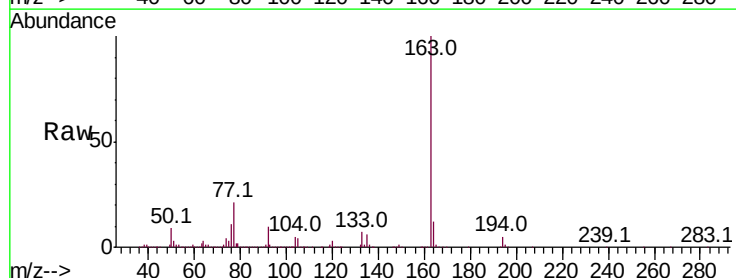
Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Tgt Ion:163 Resp: 1181883

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.9	5.9
164	11.9	8.3	12.5

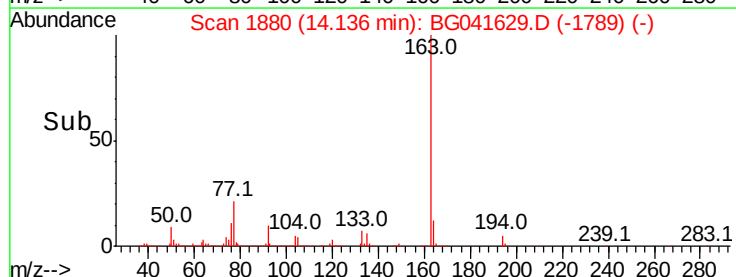
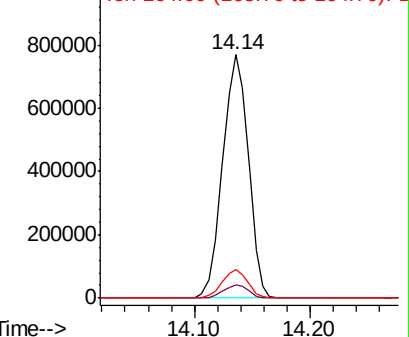


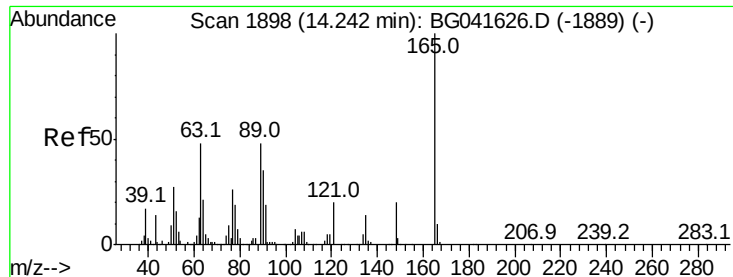
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

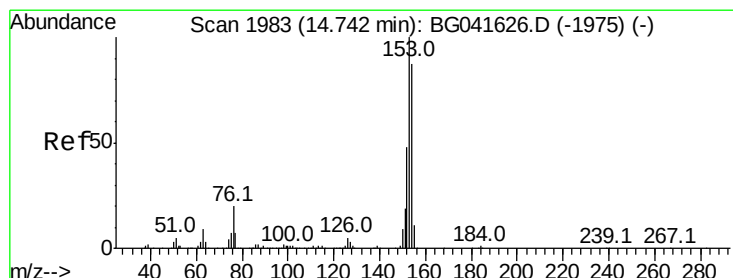
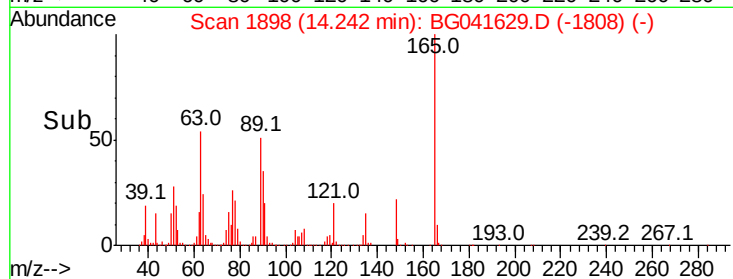
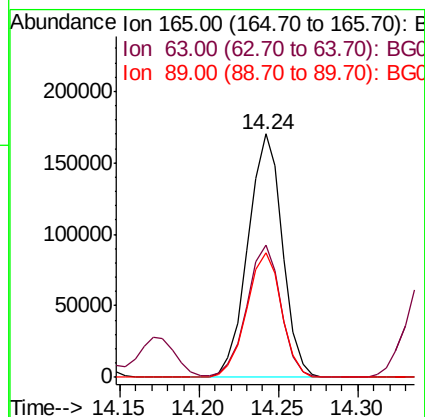
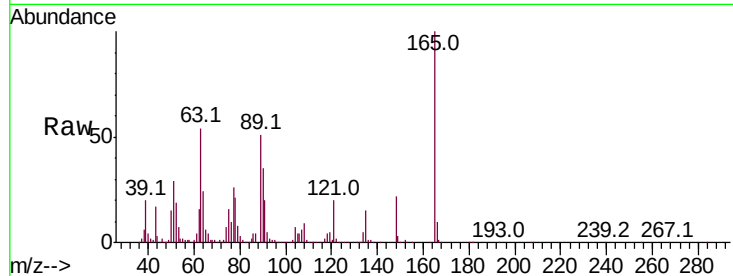




#51
2,6-Dinitrotoluene
Concen: 66.254 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

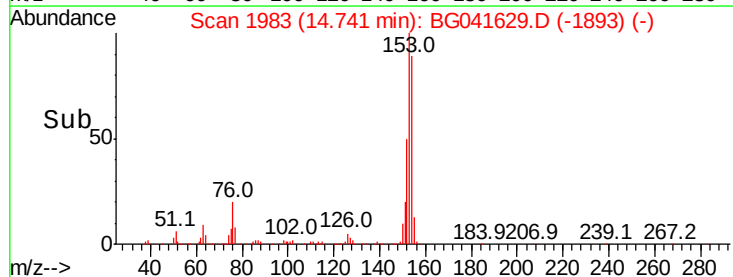
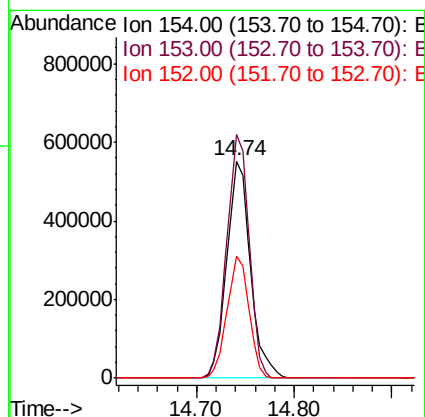
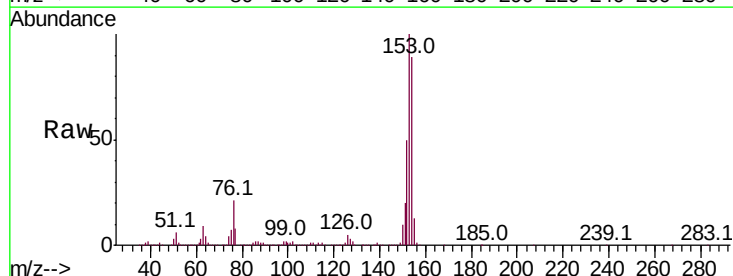
Instrument :
BNA_G
ClientSampled :

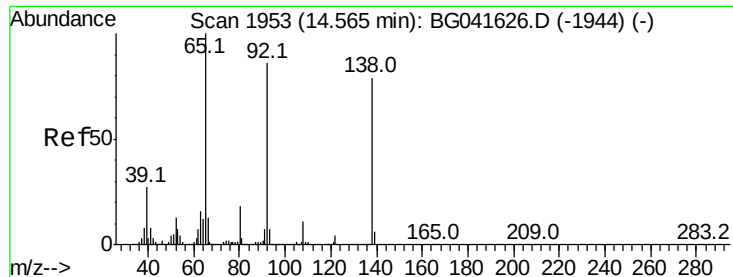
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	55.4	83.0#
89	51.2	56.5	84.7#



#52
Acenaphthene
Concen: 77.306 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	96.6	145.0
152	56.3	45.5	68.3





#53

3-Nitroaniline

Concen: 74.478 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

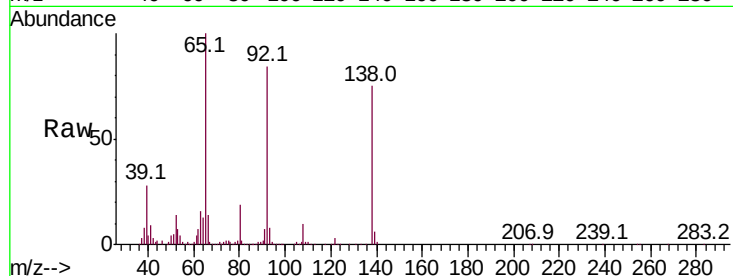
Tot Ion:138 Resp: 283951

Ion Ratio Lower Upper

138 100

108 13.2 8.3 12.5#

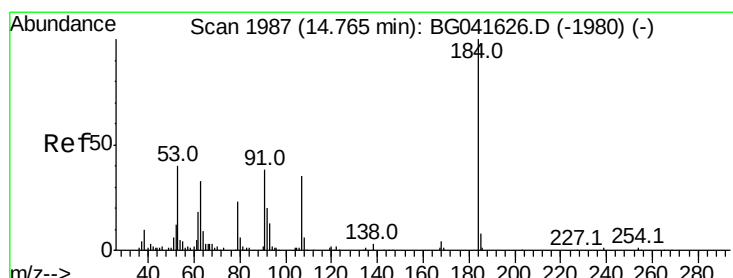
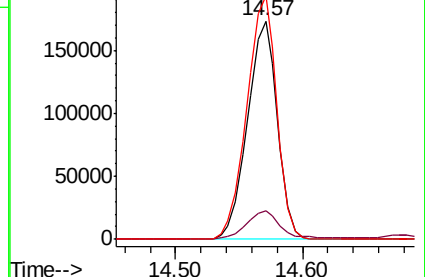
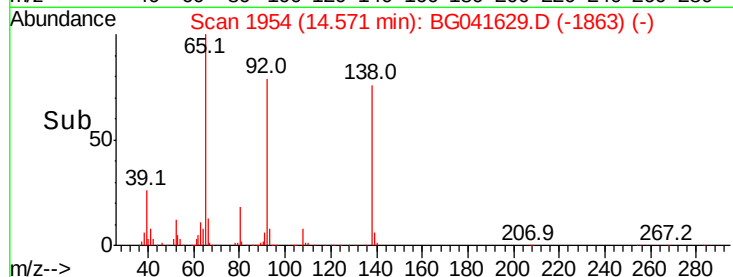
92 111.5 100.2 150.4



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): BGC



#54

2,4-Dinitrophenol

Concen: 48.136 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

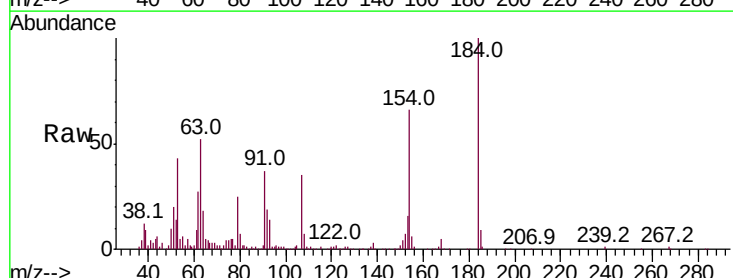
Tgt Ion:184 Resp: 119316

Ion Ratio Lower Upper

184 100

63 51.8 60.0 90.0#

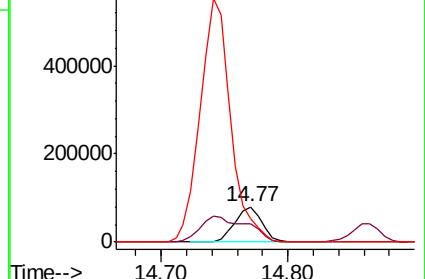
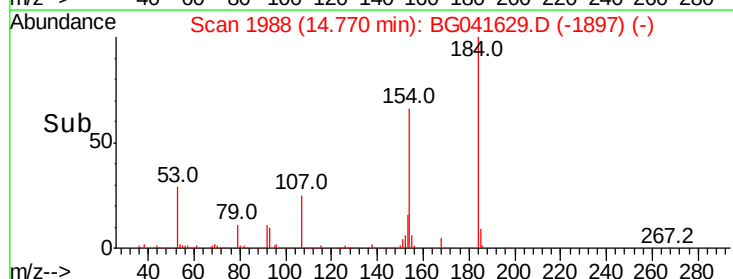
154 66.3 58.3 87.5

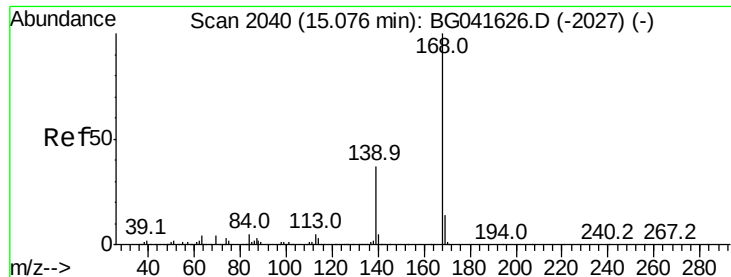


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

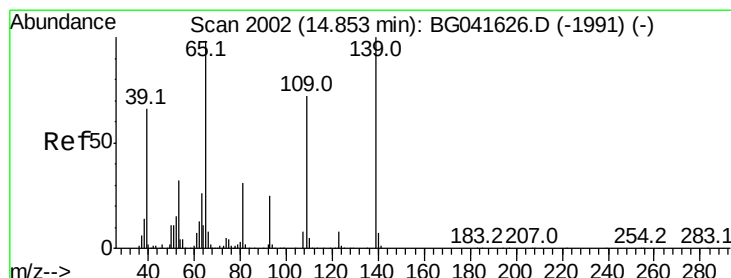
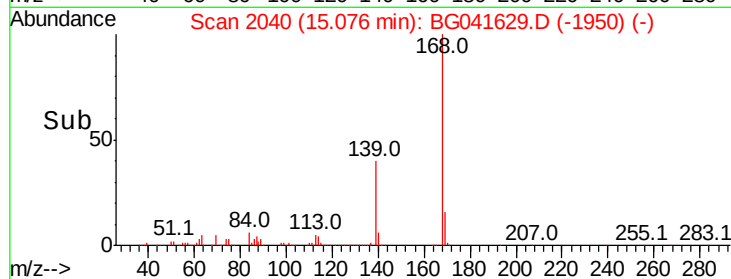
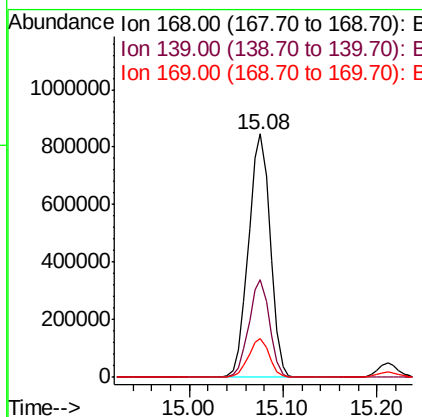
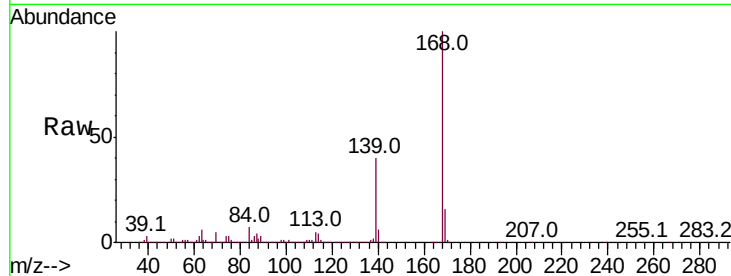




#55
Dibenzenofuran
Concen: 64.866 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

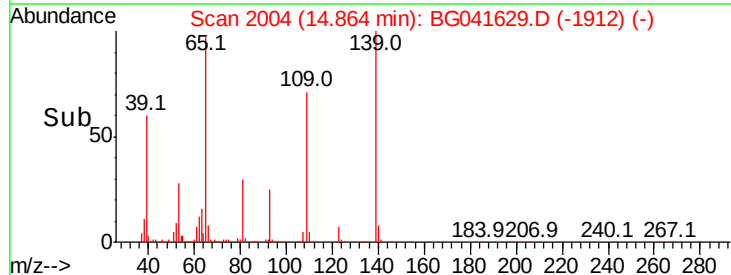
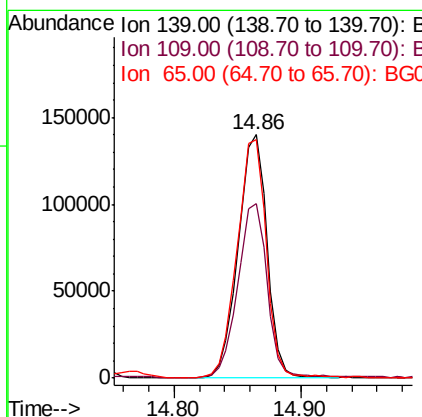
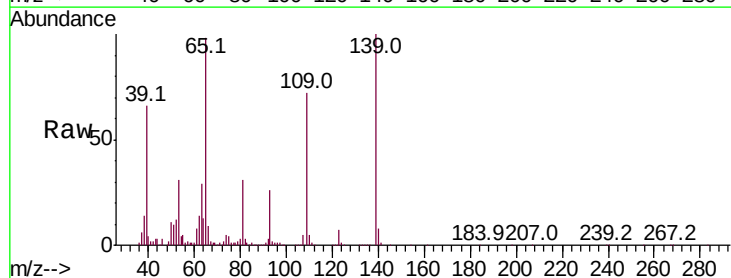
Instrument :
BNA_G
ClientSampleId :

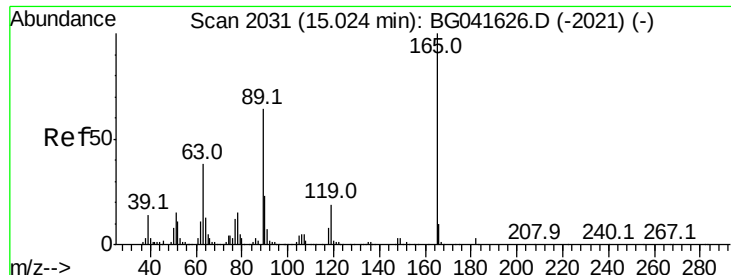
Tot Ion:168 Resp: 1349146
Ion Ratio Lower Upper
168 100
139 40.3 33.6 50.4
169 15.8 10.8 16.2



#56
4-Nitrophenol
Concen: 83.710 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:139 Resp: 221732
Ion Ratio Lower Upper
139 100
109 71.7 93.2 133.2#
65 97.9 110.2 150.2#

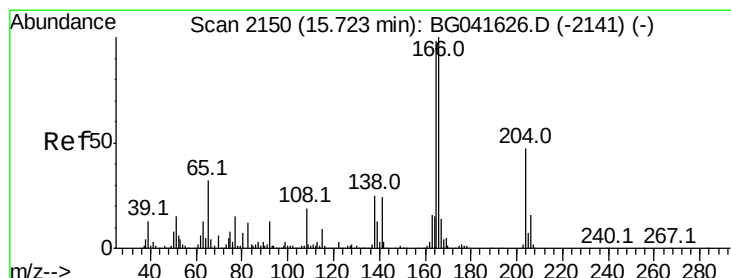
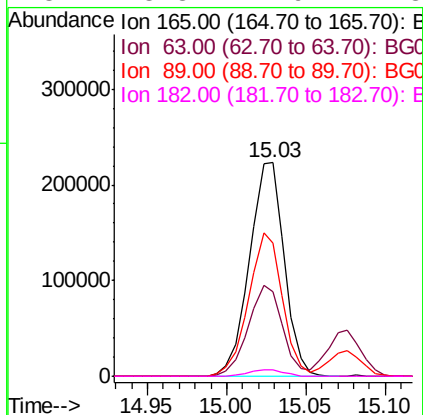
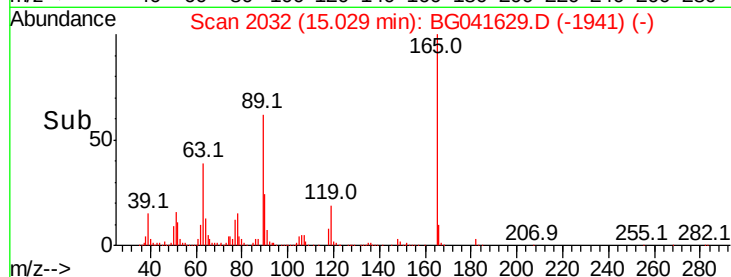
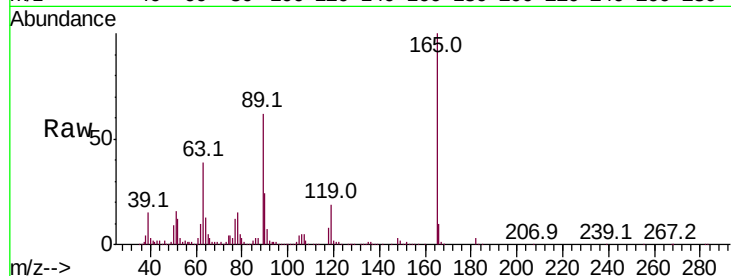




#57
 2,4-Dinitrotoluene
 Concen: 60.367 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

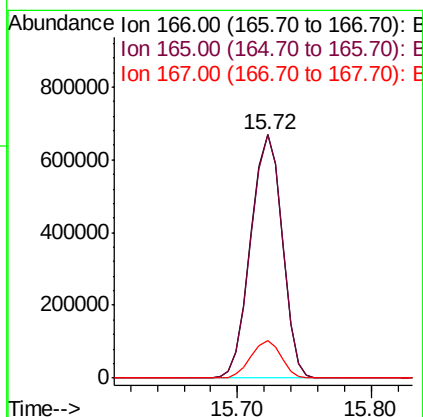
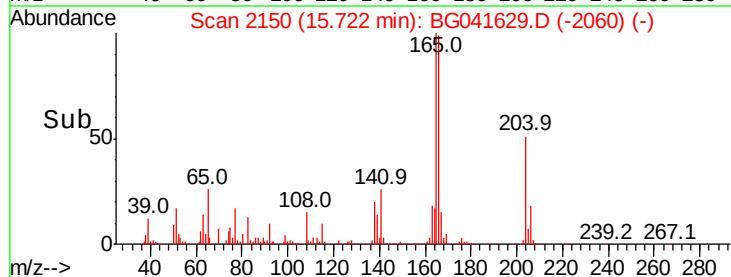
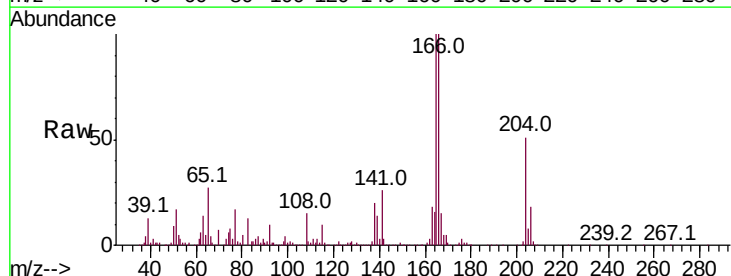
Instrument :
 BNA_G
 ClientSampleId :

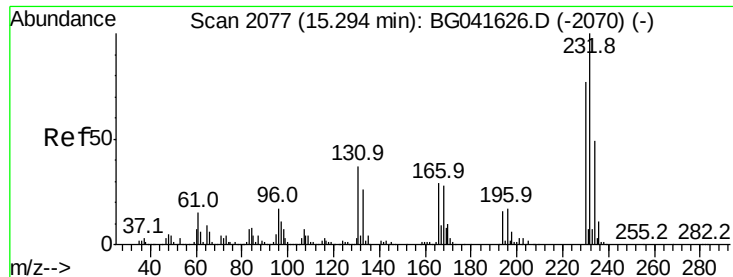
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	40.0	60.0#
89	62.4	64.6	96.8#
182	3.3	2.9	4.3



#58
 Fluorene
 Concen: 66.631 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.8	118.2
167	15.4	11.3	16.9

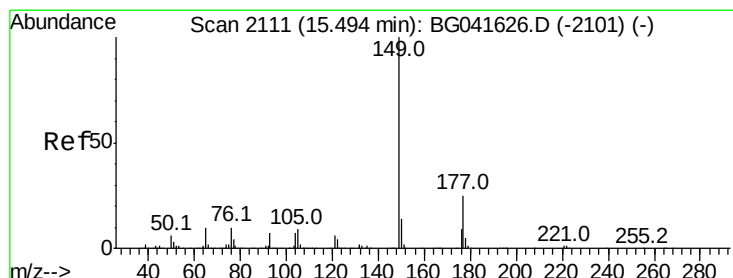
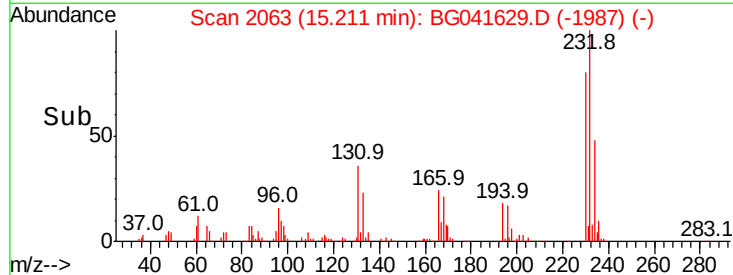
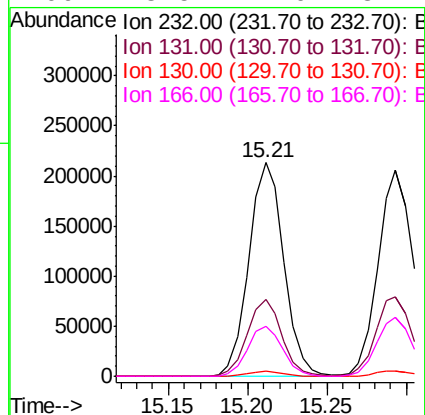
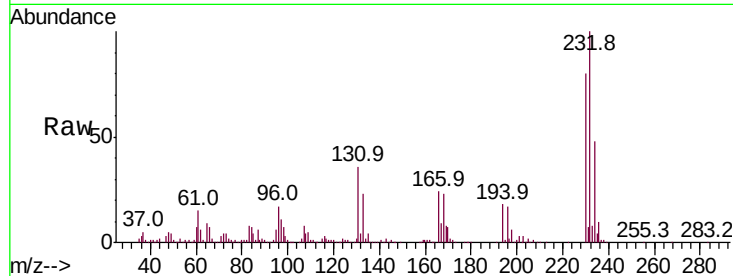




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.291 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.08 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

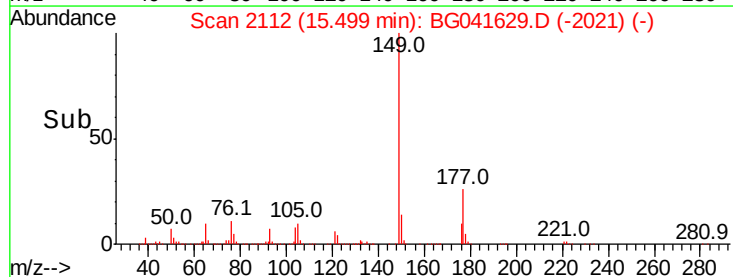
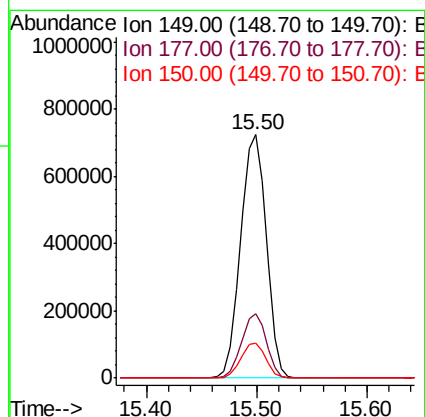
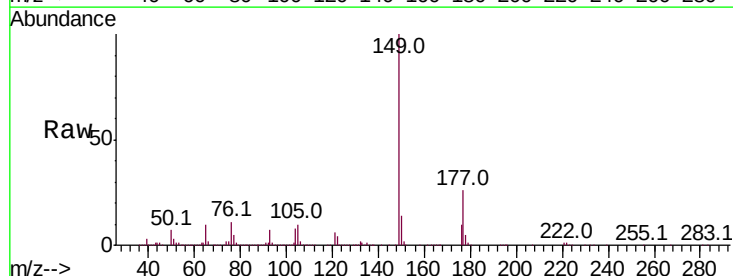
Instrument :
 BNA_G
 ClientSampled :

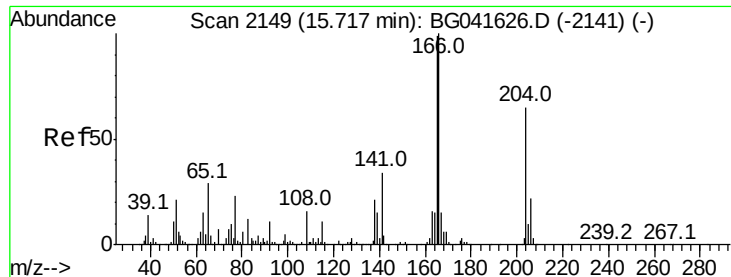
Tot Ion:	232	Resp:	326794
Ion	Ratio	Lower	Upper
232	100		
131	35.3	29.0	43.6
130	2.3	1.6	2.4
166	23.5	21.0	31.4



#60
 Diethylphthalate
 Concen: 63.647 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion:	149	Resp:	1187248
Ion	Ratio	Lower	Upper
149	100		
177	26.4	18.4	27.6
150	14.4	9.9	14.9

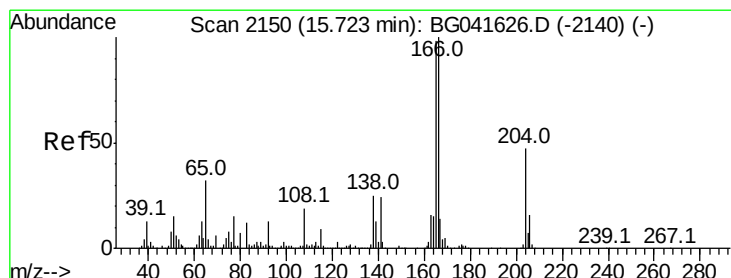
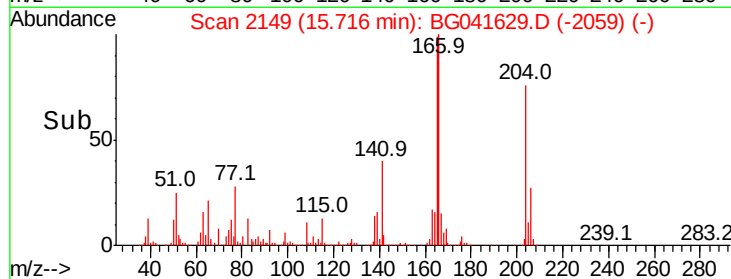
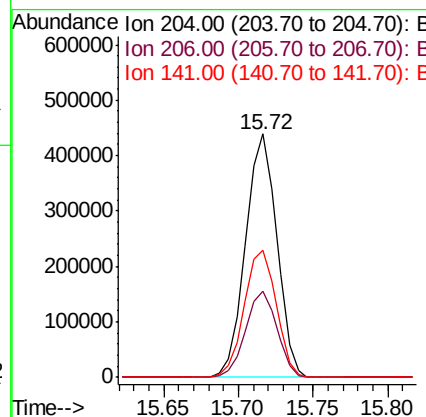
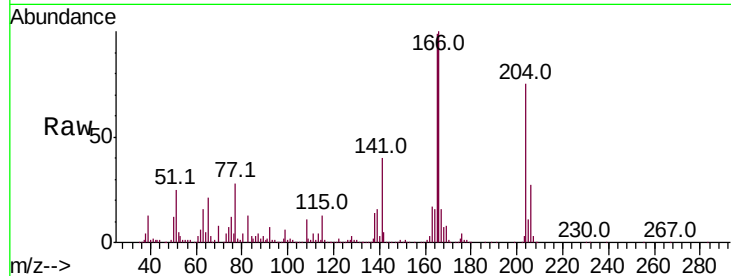




#61
 4-Chlorophenyl-phenylether
 Concen: 59.826 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

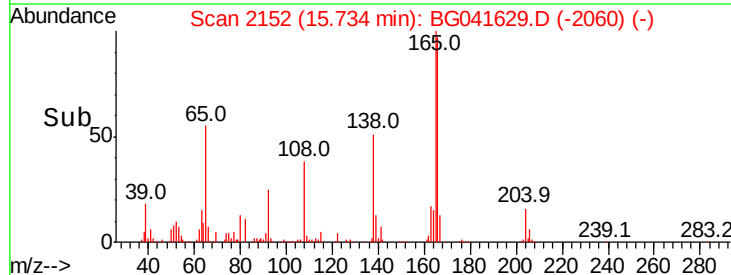
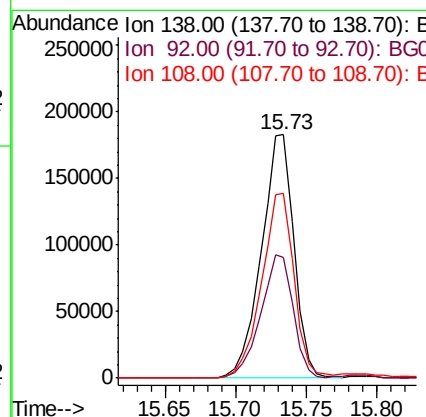
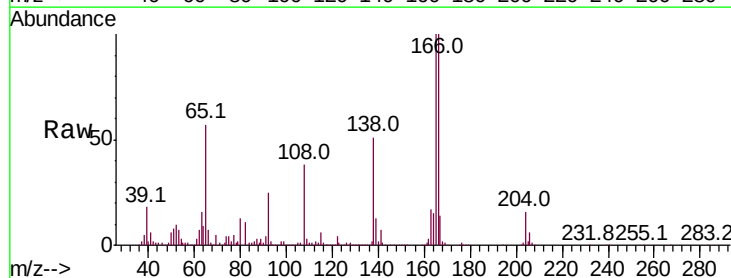
Instrument :
 BNA_G
 ClientSampled :

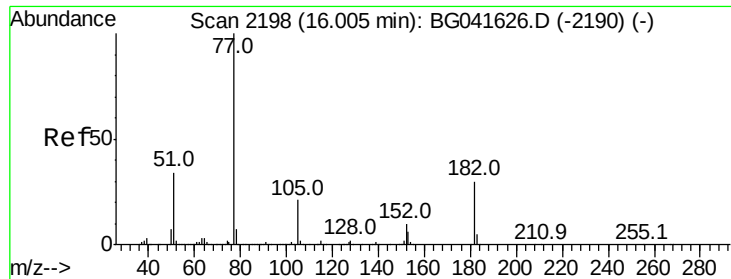
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.9	41.9
141	52.5	41.4	62.0



#62
 4-Nitroaniline
 Concen: 72.790 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	38.8	78.8
108	76.1	103.4	143.4





#63

Azobenzene

Concen: 62.771 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1044592

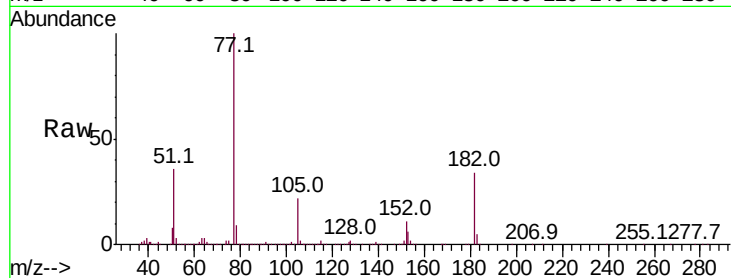
Ion	Ratio	Lower	Upper
77	100		
182	33.5	7.5	47.5
105	22.3	0.0	37.7
51	36.1	14.6	54.6

77 100

182 33.5 7.5 47.5

105 22.3 0.0 37.7

51 36.1 14.6 54.6



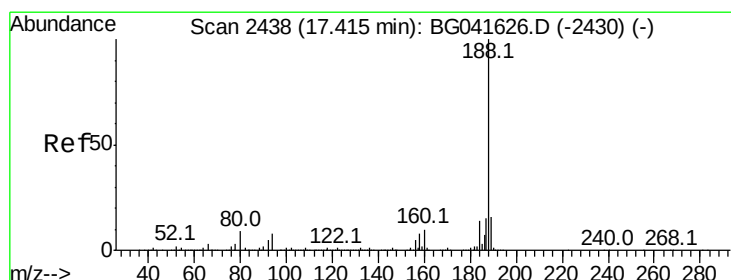
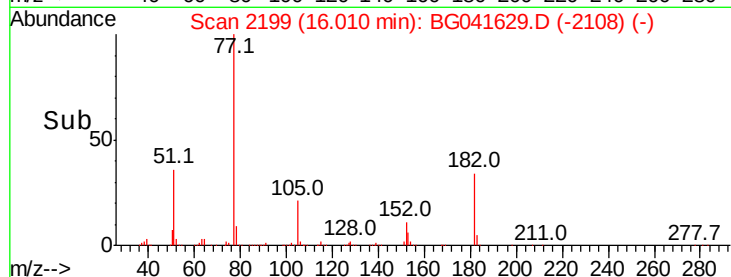
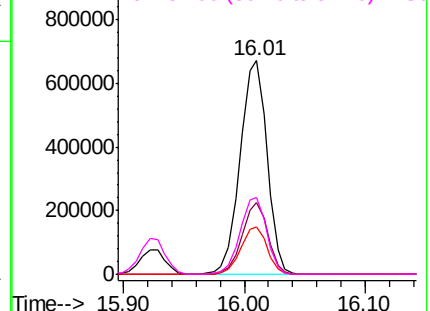
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

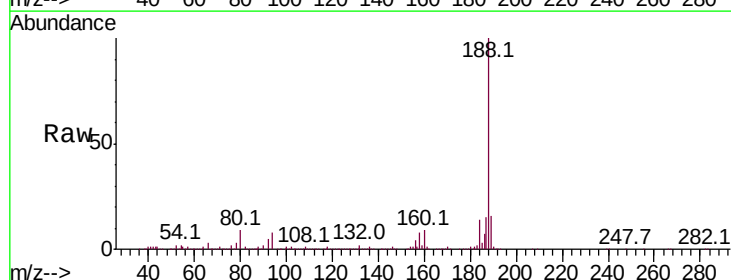
Tgt Ion: 188 Resp: 484676

Ion	Ratio	Lower	Upper
188	100		
94	7.9	3.6	5.4#
80	9.0	4.8	7.2#

188 100

94 7.9 3.6 5.4#

80 9.0 4.8 7.2#

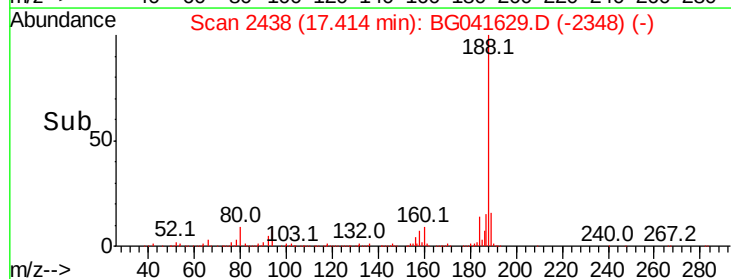
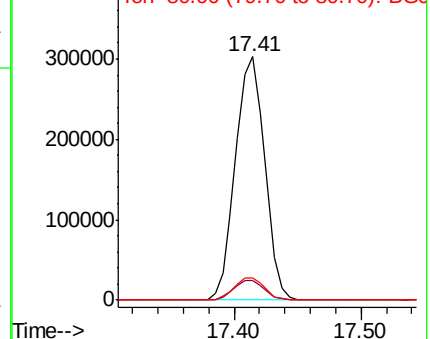


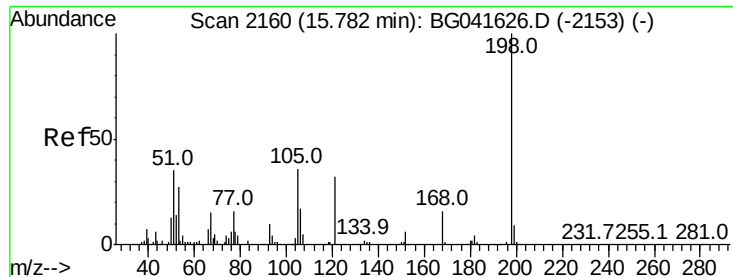
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.704 ng

RT: 15.79 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

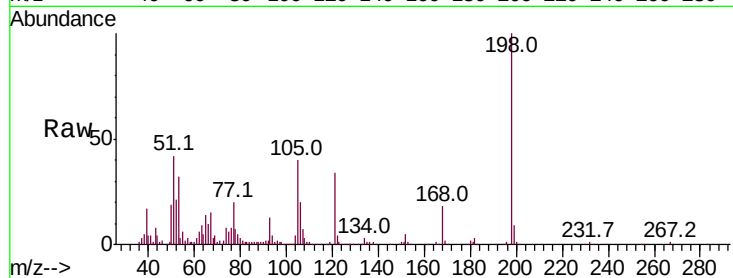
Tot Ion:198 Resp: 168950

Ion Ratio Lower Upper

198 100

51 41.9 23.4 63.4

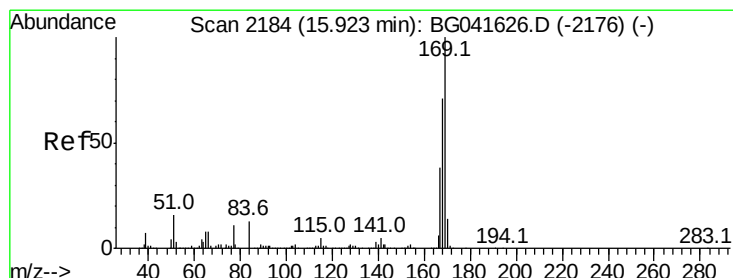
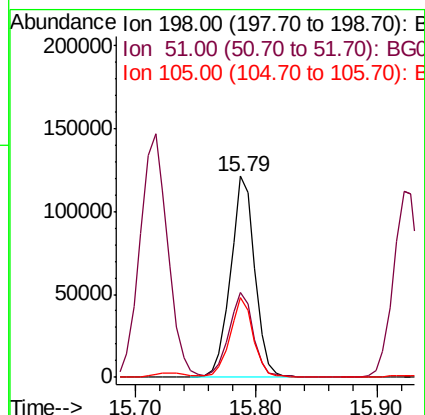
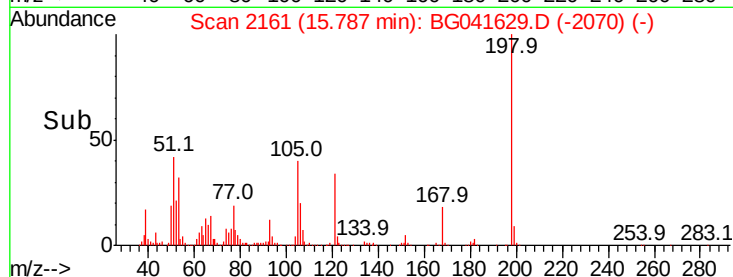
105 39.6 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 78.703 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

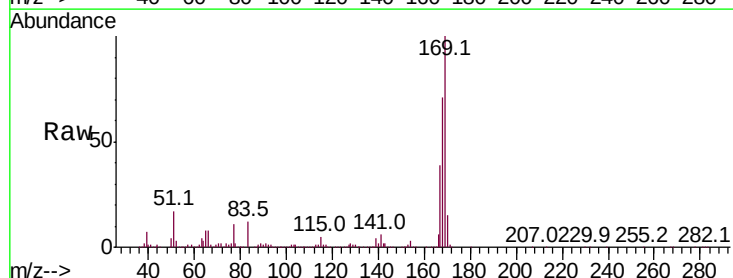
Tgt Ion:169 Resp: 1012853

Ion Ratio Lower Upper

169 100

168 70.6 55.2 82.8

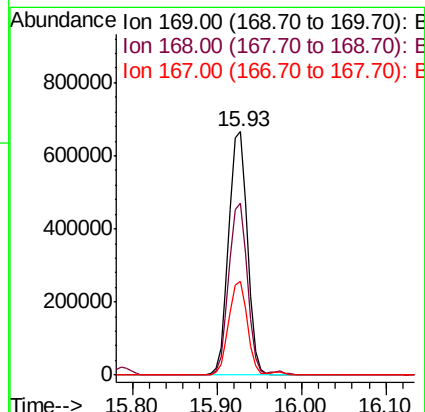
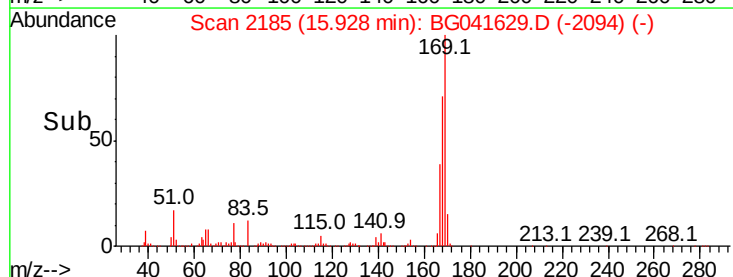
167 38.7 30.4 45.6

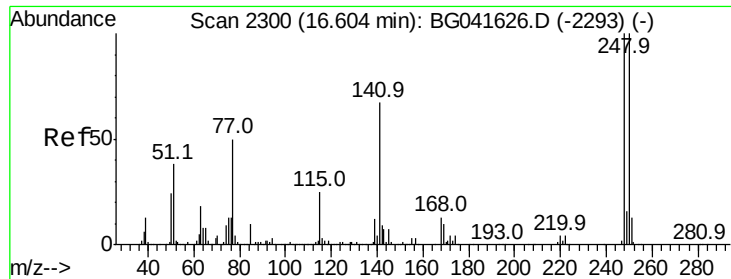


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

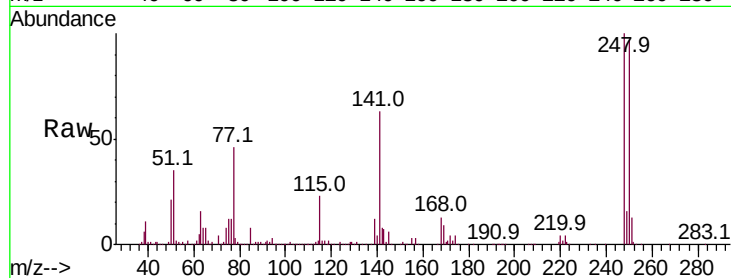




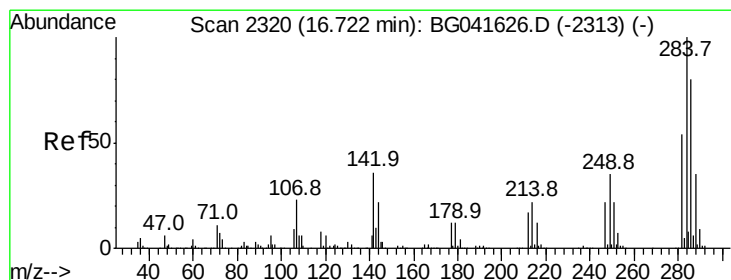
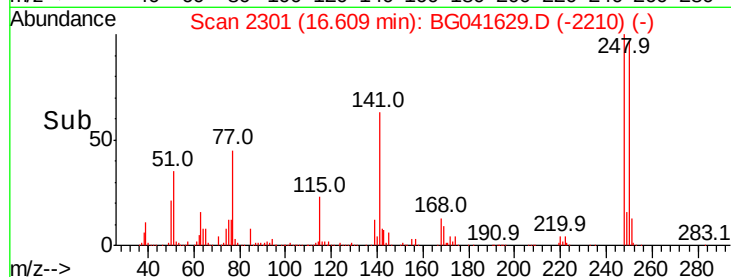
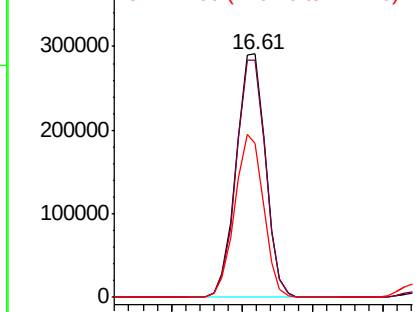
#67
4-Bromophenyl-phenylether
Concen: 67.295 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 421738
Ion Ratio Lower Upper
248 100
250 97.3 79.8 119.8
141 63.3 55.8 83.6

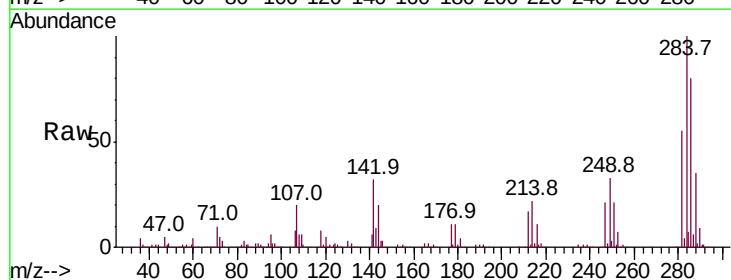


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

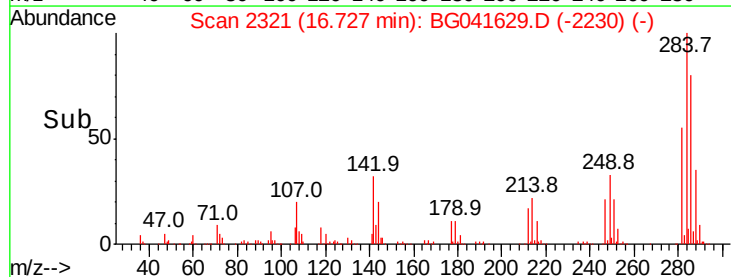
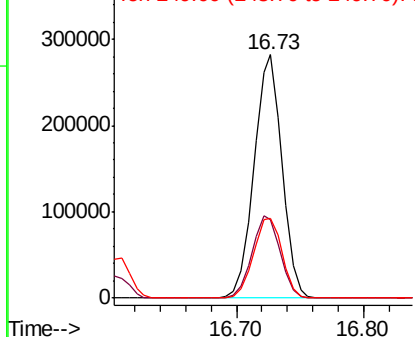


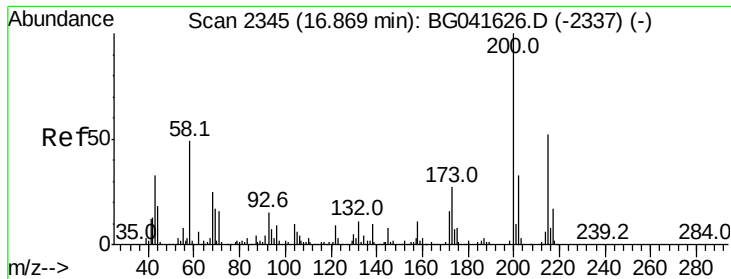
#68
Hexachlorobenzene
Concen: 64.092 ng
RT: 16.73 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:284 Resp: 430118
Ion Ratio Lower Upper
284 100
142 32.2 21.8 32.8
249 32.8 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.183 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

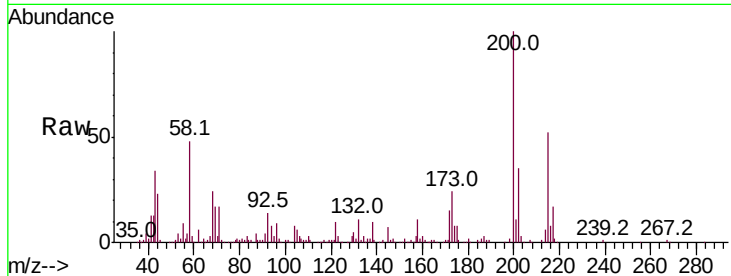
Tot Ion:200 Resp: 151875

Ion Ratio Lower Upper

200 100

173 24.2 4.0 44.0

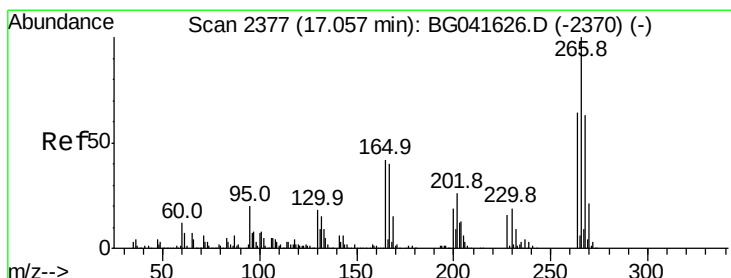
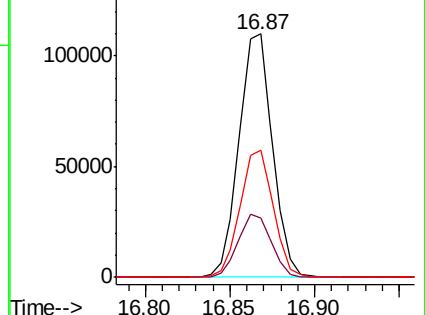
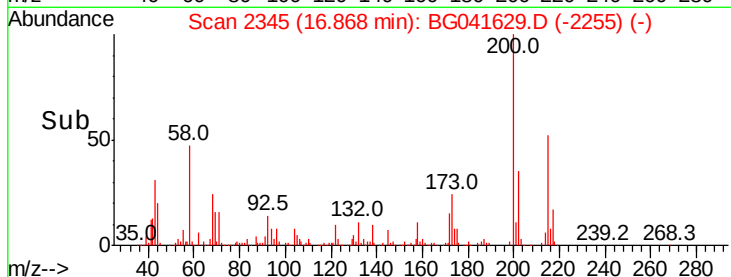
215 52.1 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.693 ng

RT: 17.06 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

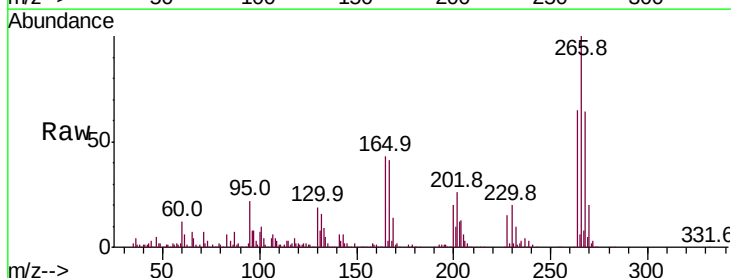
Tgt Ion:266 Resp: 246365

Ion Ratio Lower Upper

266 100

268 64.3 52.0 78.0

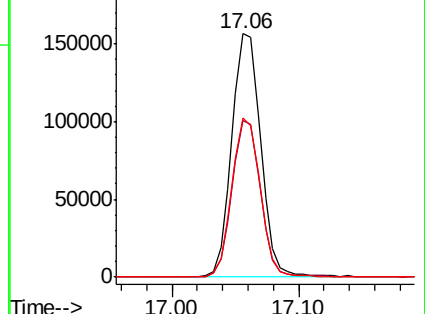
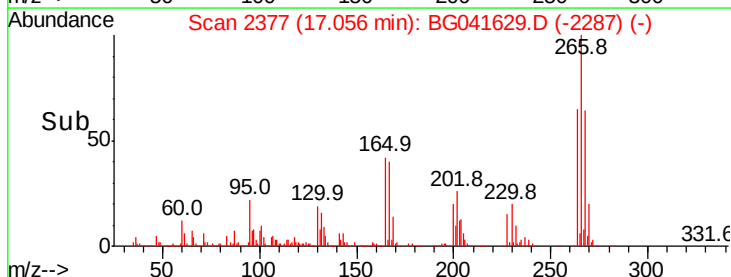
264 65.2 51.2 76.8

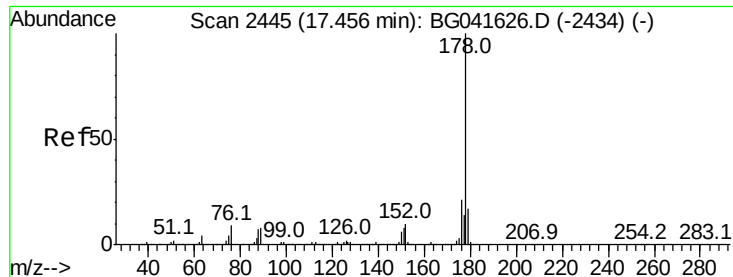


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

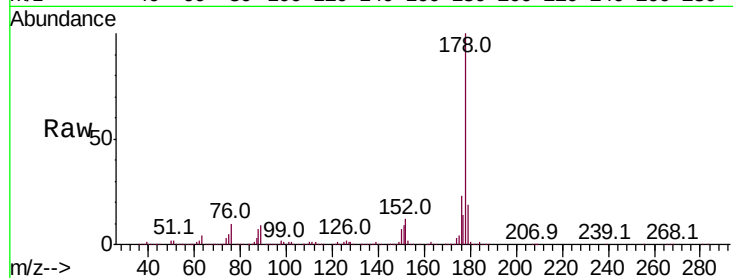




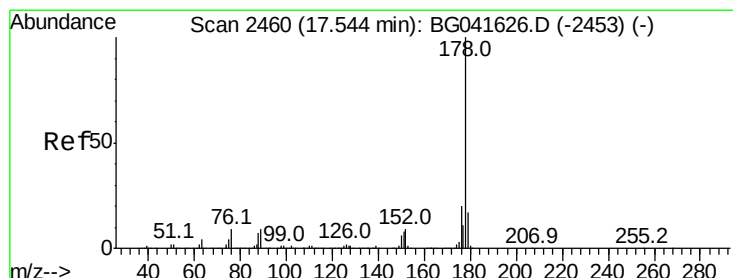
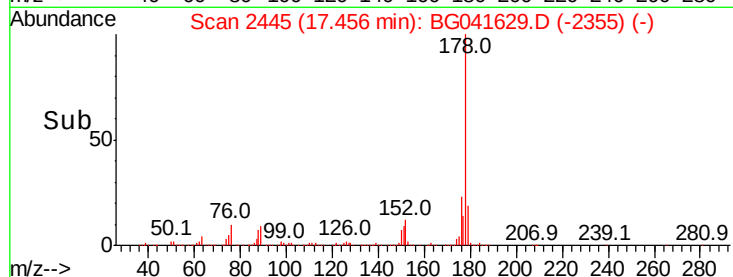
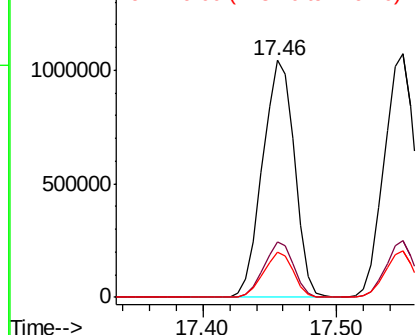
#71
Phenanthrene
Concen: 66.789 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1726470
Ion Ratio Lower Upper
178 100
176 23.2 16.1 24.1
179 19.0 12.9 19.3

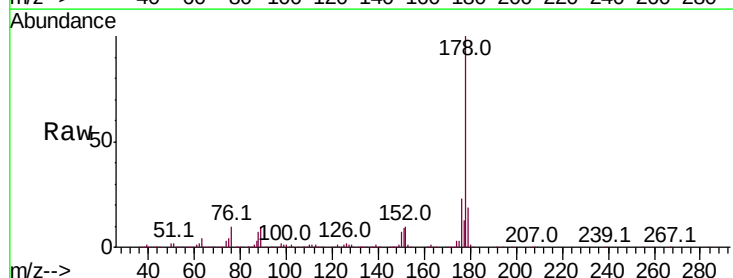


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

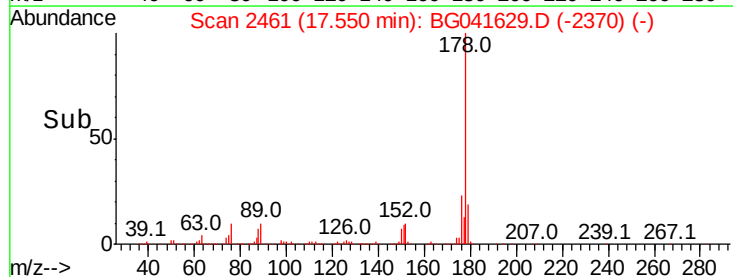
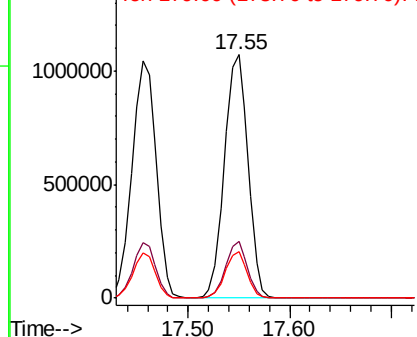


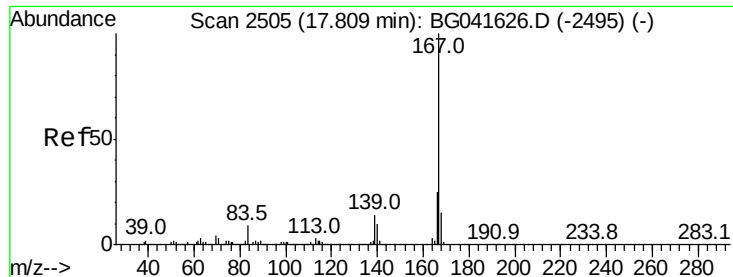
#72
Anthracene
Concen: 67.657 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:178 Resp: 1724170
Ion Ratio Lower Upper
178 100
176 23.1 15.4 23.2
179 19.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



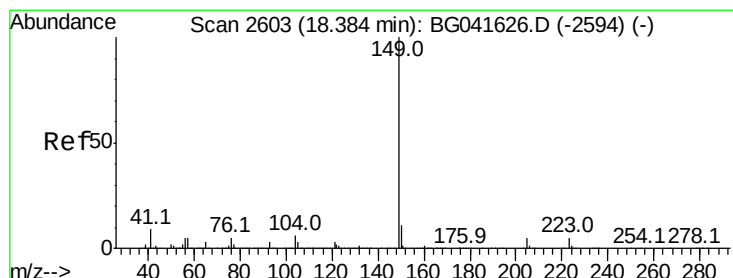
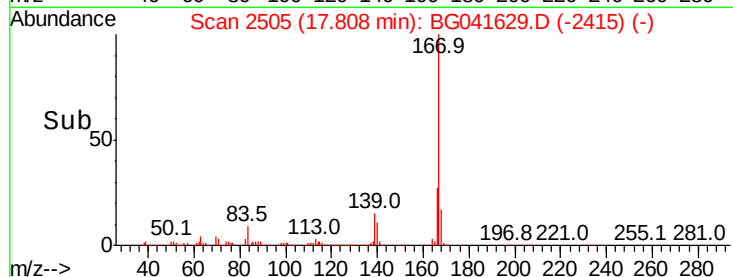
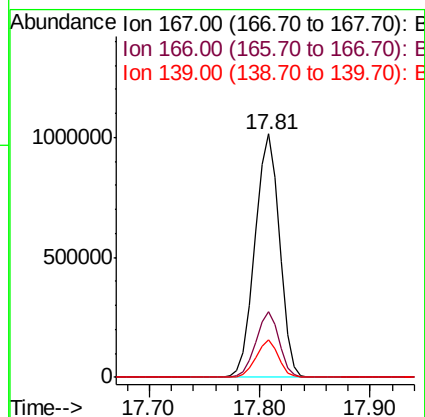
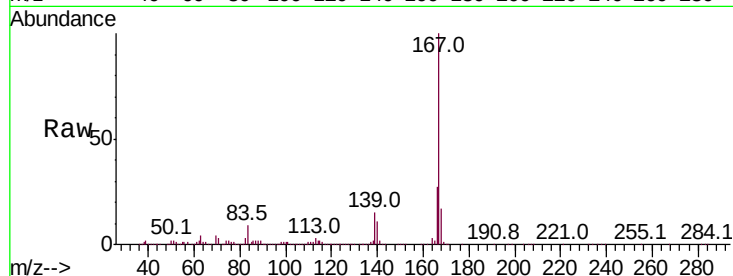


#73
 Carbazole
 Concen: 71.189 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1587026

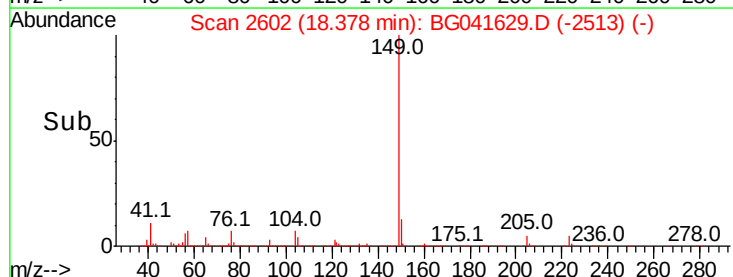
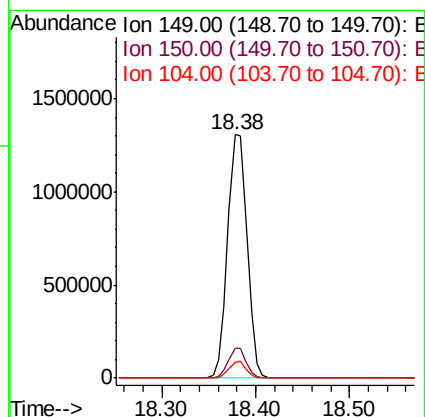
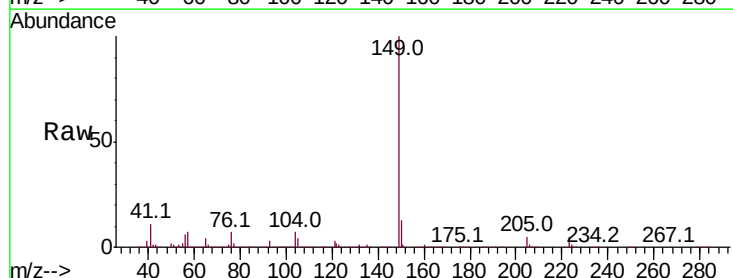
Ion	Ratio	Lower	Upper
167	100		
166	26.9	17.9	26.9
139	15.4	10.7	16.1

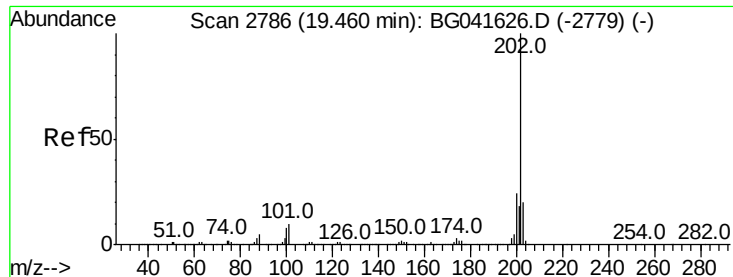


#74
 Di-n-butylphthalate
 Concen: 67.885 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion:149 Resp: 1888306

Ion	Ratio	Lower	Upper
149	100		
150	12.5	8.1	12.1#
104	6.6	5.4	8.0





#75

Fluoranthene

Concen: 58.970 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

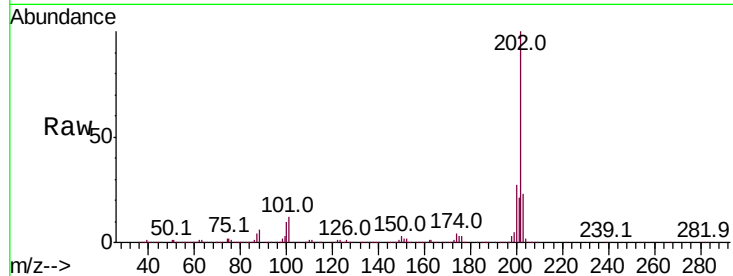
Tot Ion:202 Resp: 2025121

Ion Ratio Lower Upper

202 100

101 12.5 0.0 26.0

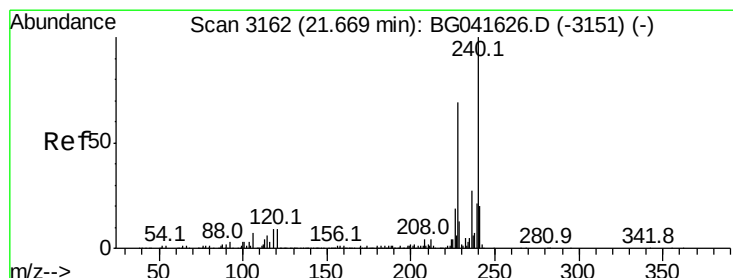
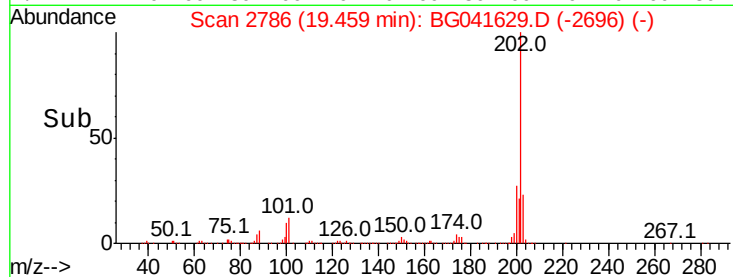
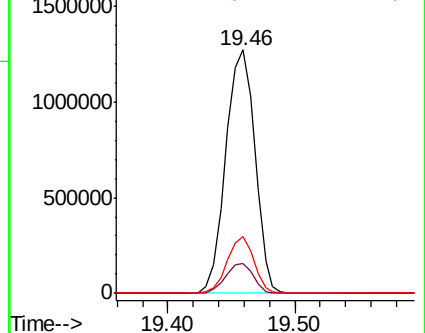
203 23.2 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

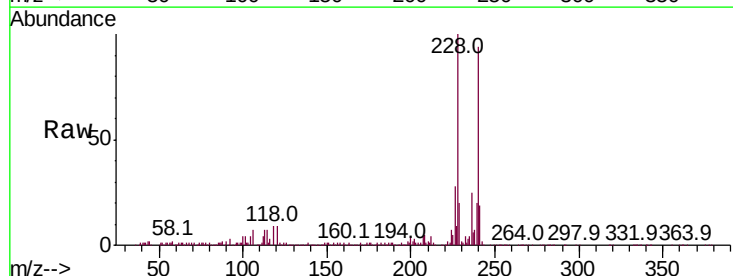
Tgt Ion:240 Resp: 448214

Ion Ratio Lower Upper

240 100

120 9.4 3.7 5.5#

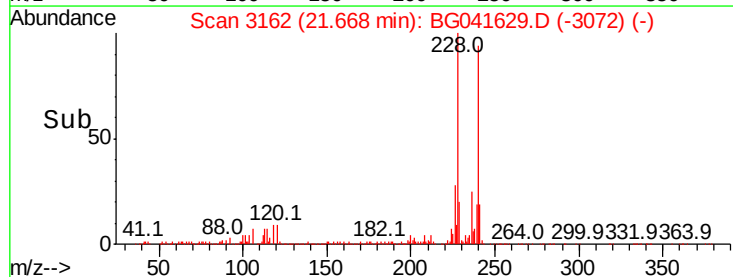
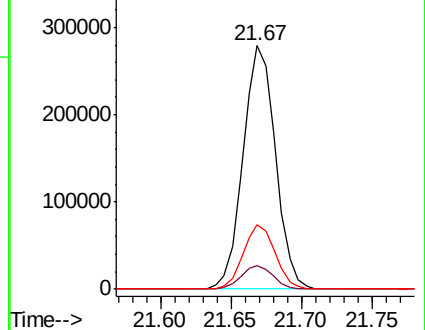
236 26.3 21.1 31.7

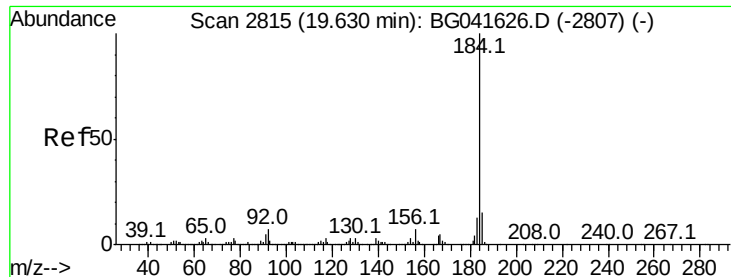


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.925 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

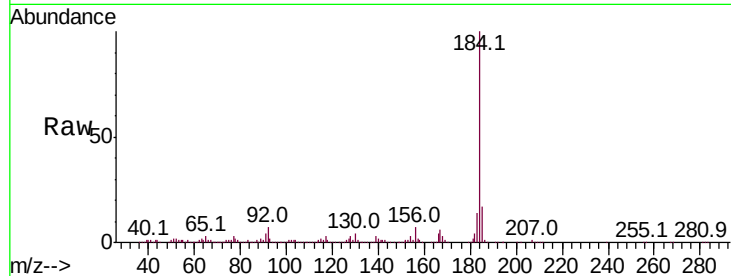
Tot Ion:184 Resp: 671343

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

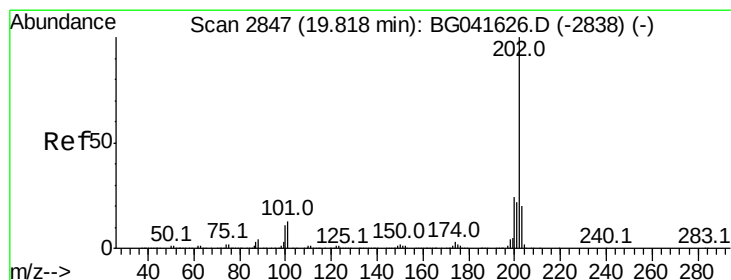
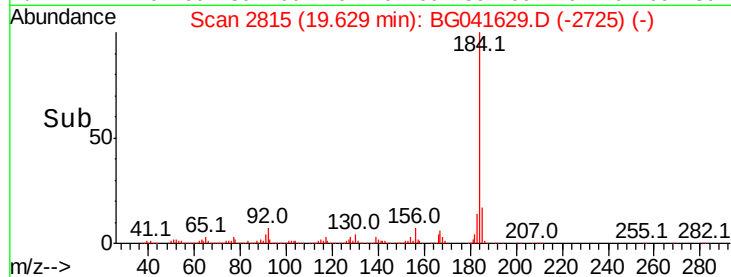
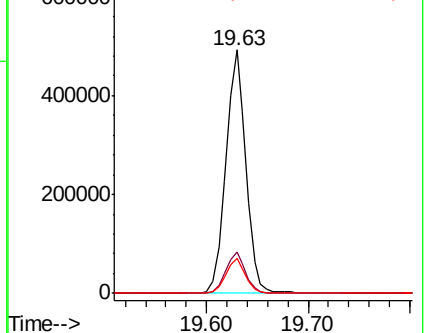
183 14.3 9.6 14.4



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



#78

Pyrene

Concen: 66.813 ng

RT: 19.82 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

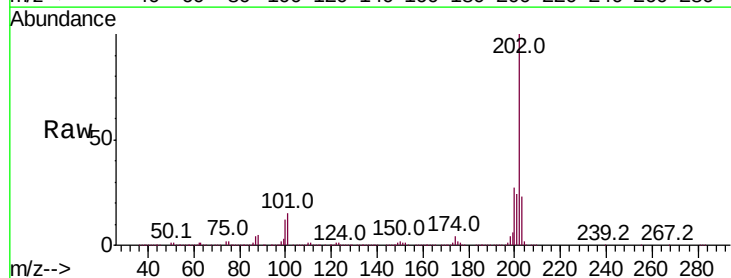
Tgt Ion:202 Resp: 2019612

Ion Ratio Lower Upper

202 100

200 27.3 16.8 25.2#

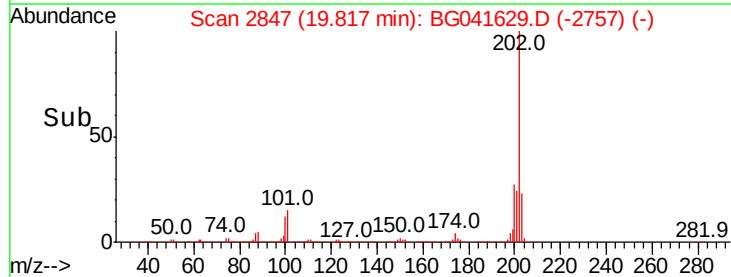
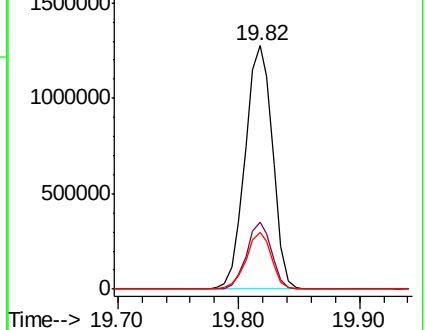
203 23.2 14.6 21.8#

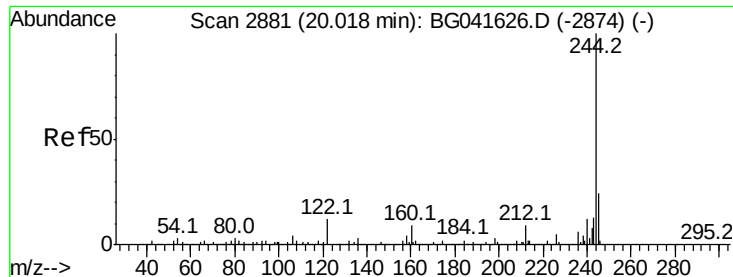


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.578 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

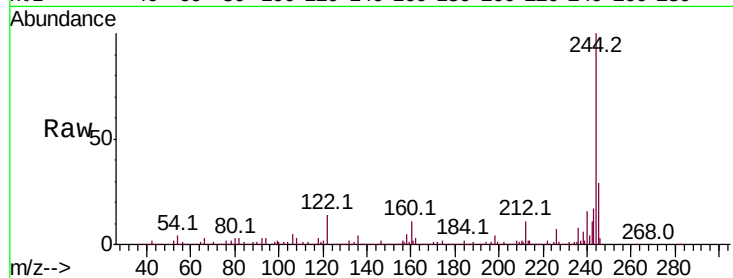
Tot Ion:244 Resp: 2410422

Ion Ratio Lower Upper

244 100

212 11.3 6.6 10.0#

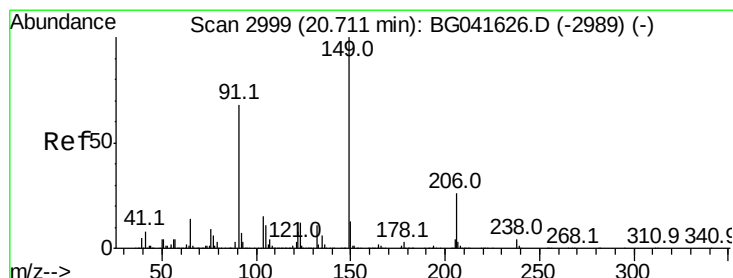
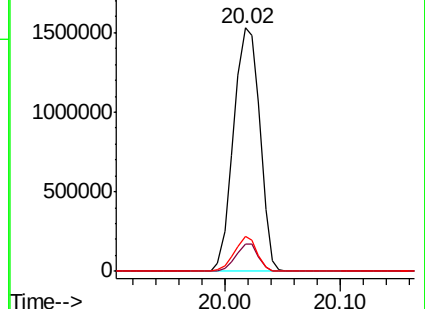
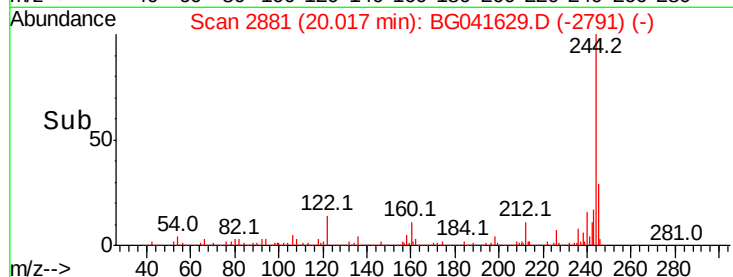
122 14.4 5.0 7.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 80.922 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

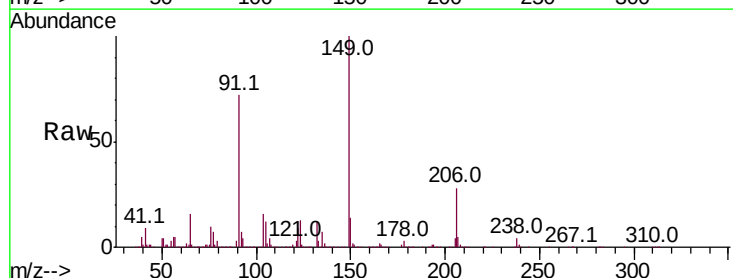
Tgt Ion:149 Resp: 925233

Ion Ratio Lower Upper

149 100

91 71.7 53.2 79.8

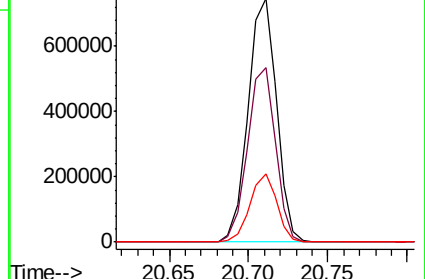
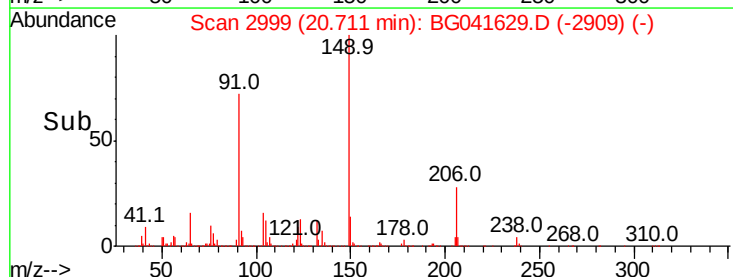
206 28.1 20.3 30.5

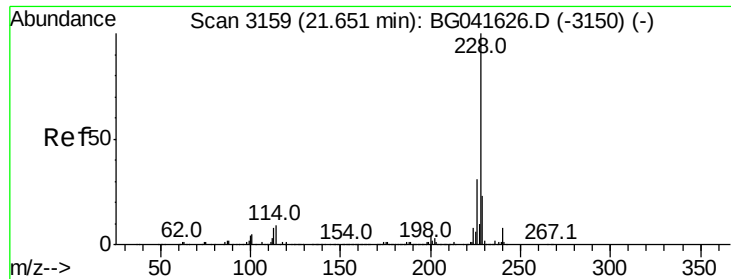


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 67.012 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

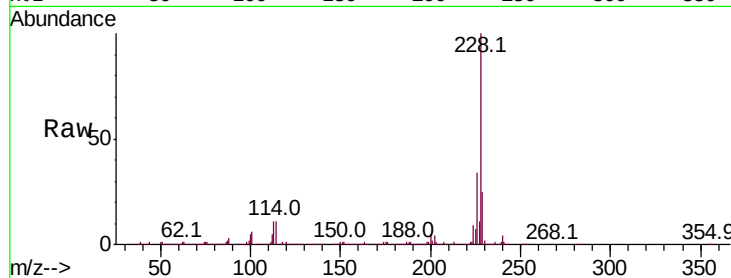
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 2033693

Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.2	34.8
229	25.1	16.8	25.2

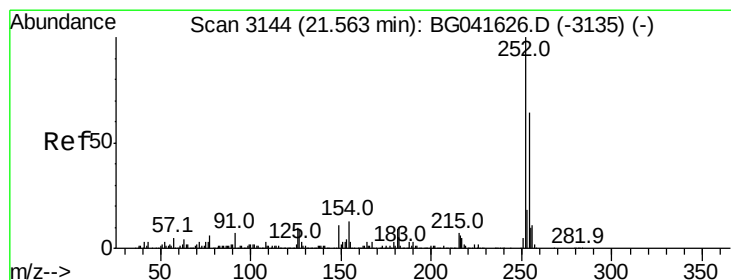
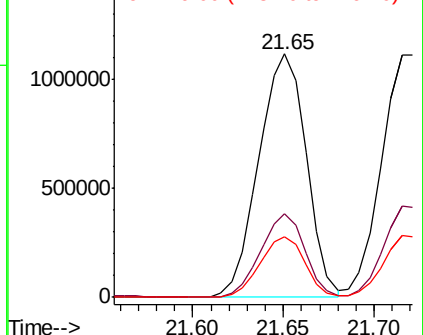
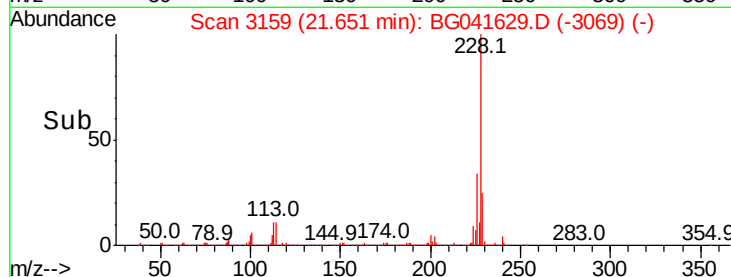


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 78.763 ng

RT: 21.56 min Scan# 3144

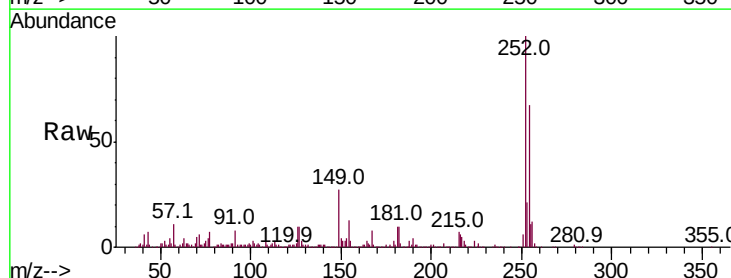
Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Tgt Ion:252 Resp: 839091

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.4	77.0
126	10.3	6.0	9.0

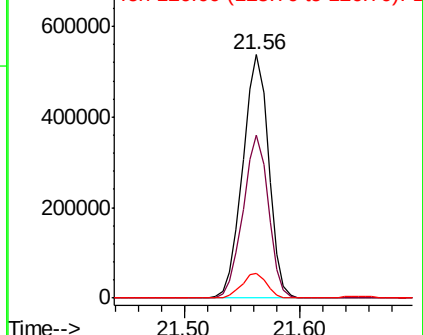
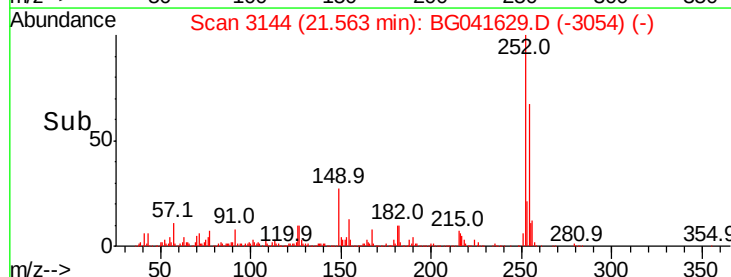


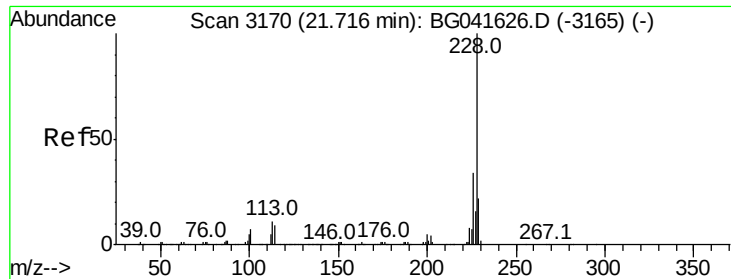
Abundance

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



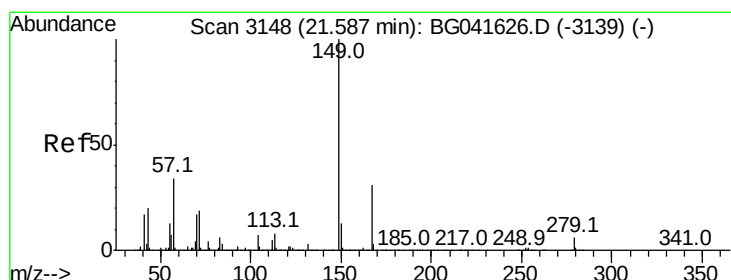
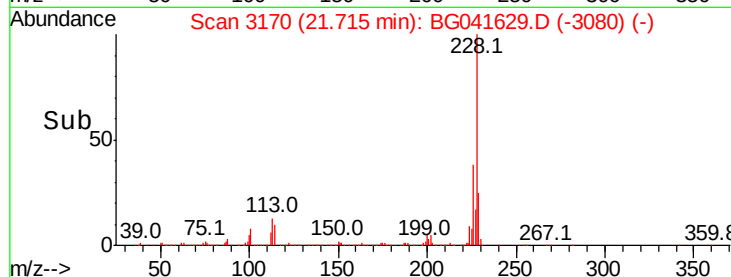
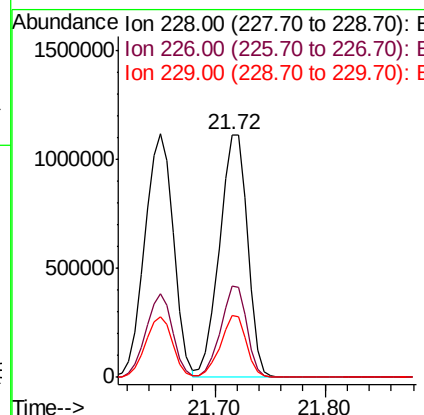
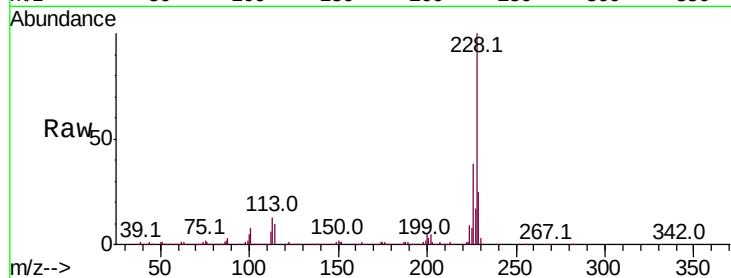


#83
 Chrysene
 Concen: 66.923 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1953169

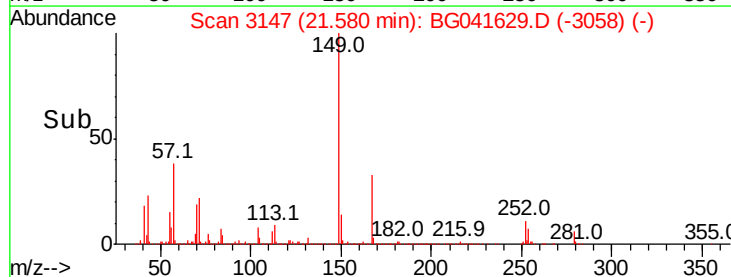
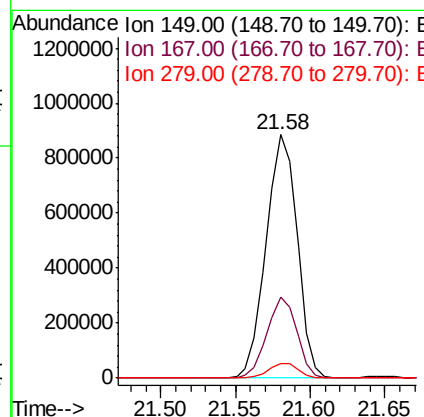
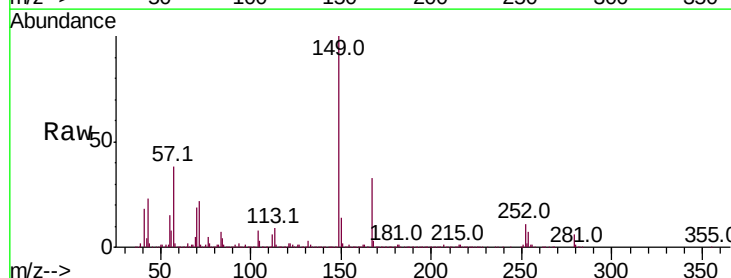
Ion	Ratio	Lower	Upper
228	100		
226	37.7	25.4	38.0
229	25.4	16.2	24.2#

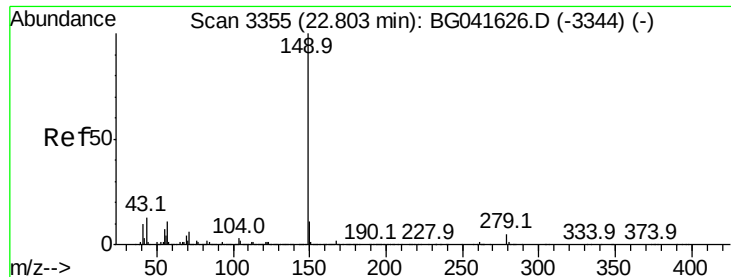


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 81.913 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG041629.D
 Acq: 11 Jul 2019 21:25

Tgt Ion:149 Resp: 1276330

Ion	Ratio	Lower	Upper
149	100		
167	33.1	23.8	35.8
279	6.2	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 83.918 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampleId :

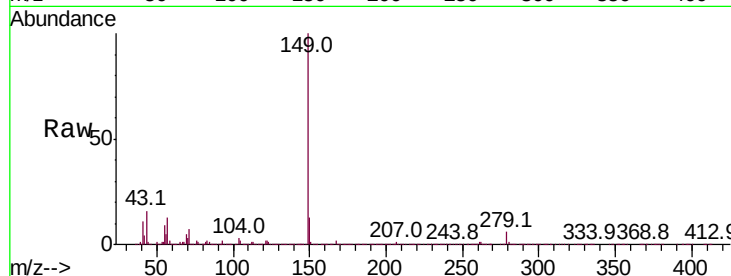
Tot Ion:149 Resp: 2212243

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

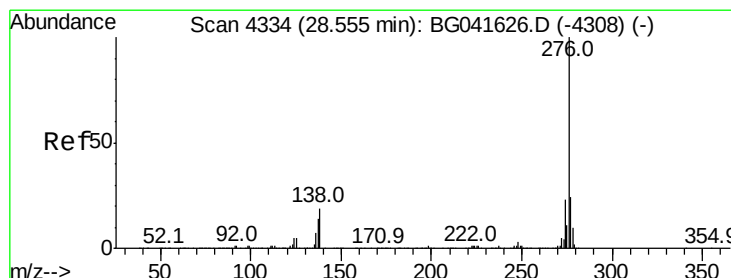
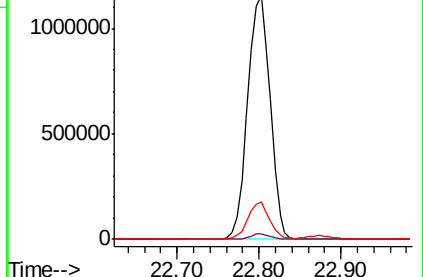
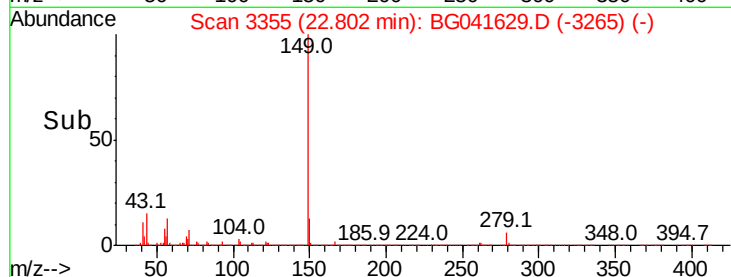
43 14.4 8.2 12.2#



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 77.435 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

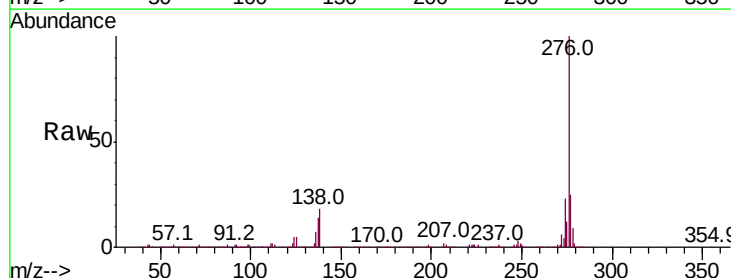
Tgt Ion:276 Resp: 2681280

Ion Ratio Lower Upper

276 100

138 17.4 7.7 11.5#

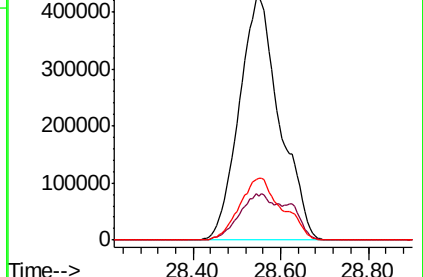
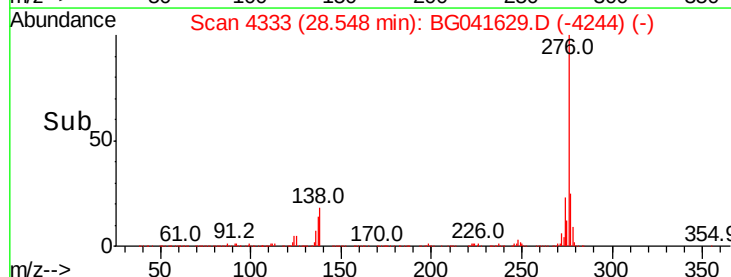
277 26.7 20.6 31.0

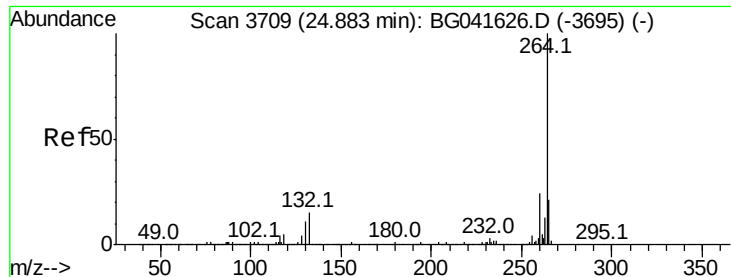


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

Instrument :

BNA_G

ClientSampled :

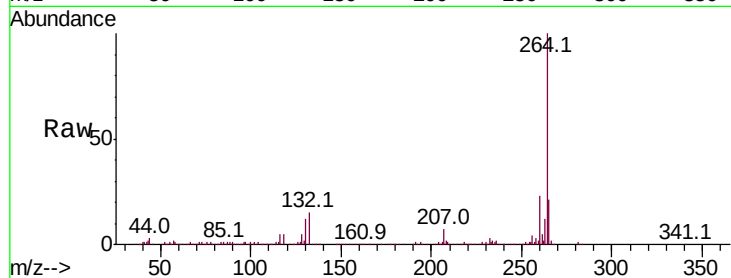
Tot Ion:264 Resp: 519485

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.2

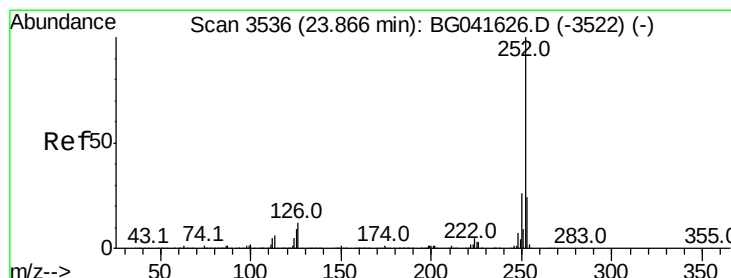
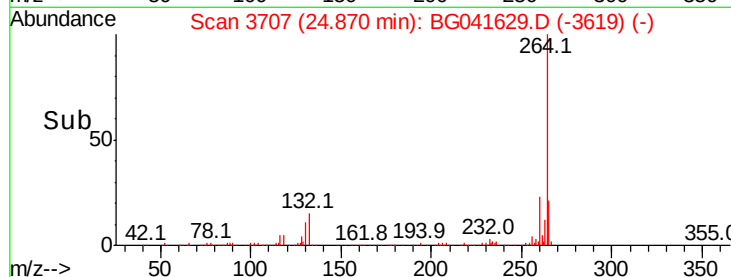
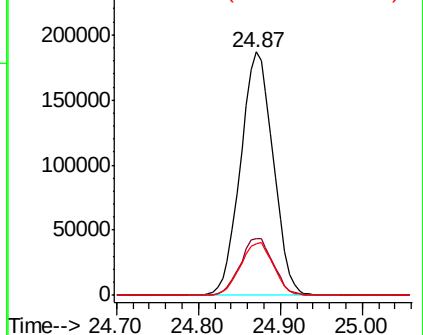
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 69.791 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG041629.D

Acq: 11 Jul 2019 21:25

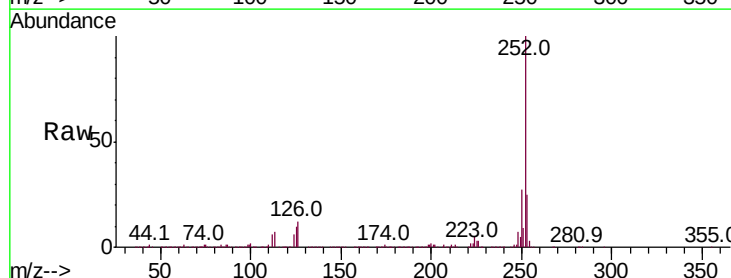
Tgt Ion:252 Resp: 2246880

Ion Ratio Lower Upper

252 100

253 25.0 17.4 26.0

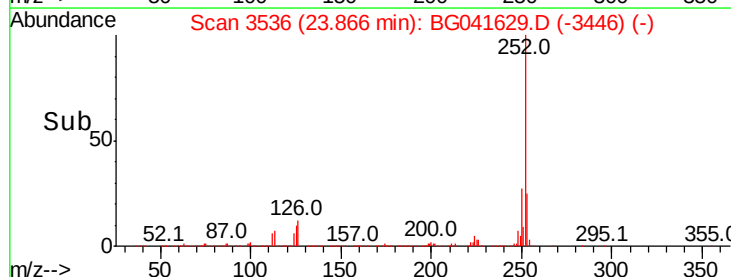
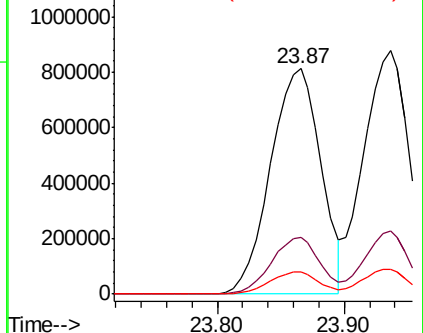
125 9.8 3.9 5.9#

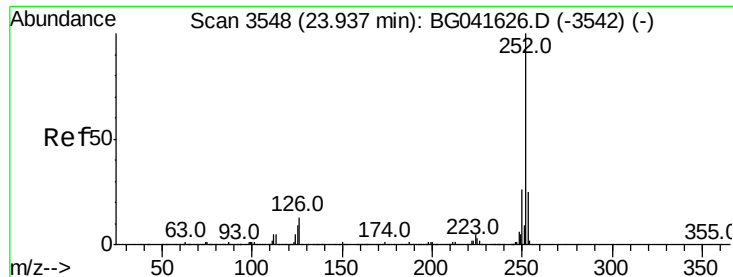


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

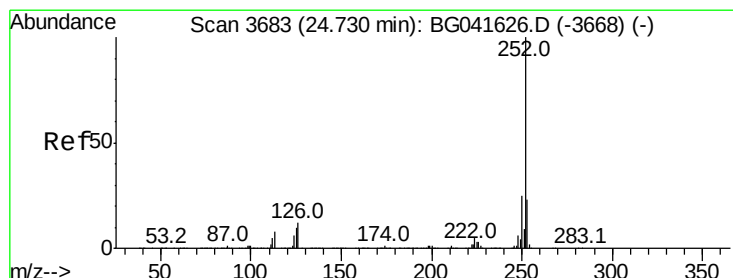
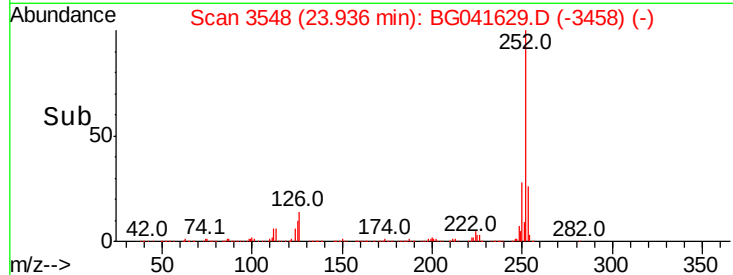
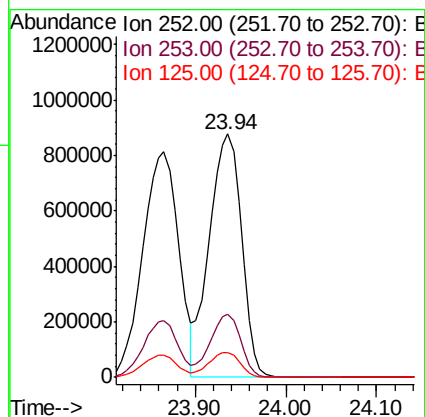
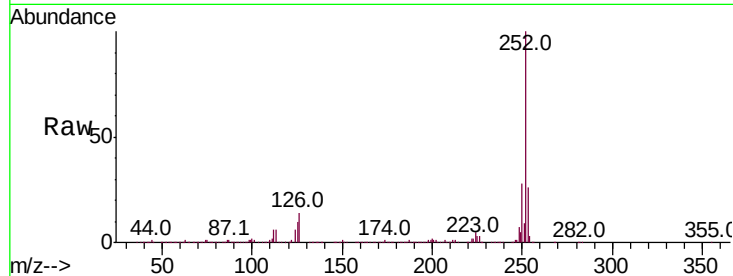




#89
Benzo(k)fluoranthene
Concen: 68.149 ng
RT: 23.94 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

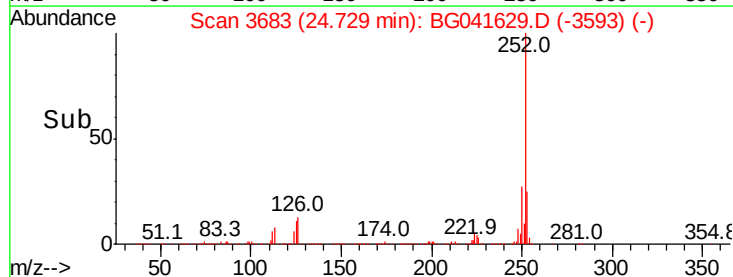
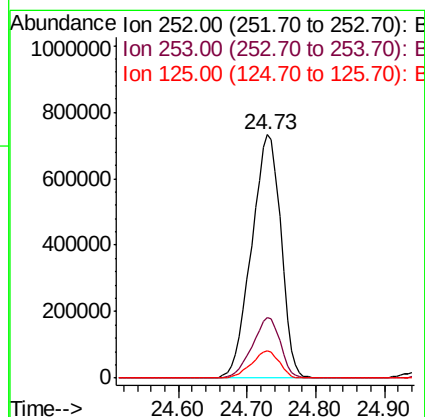
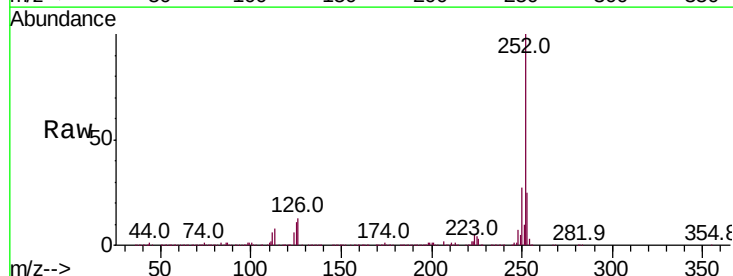
Instrument :
BNA_G
ClientSampleId :

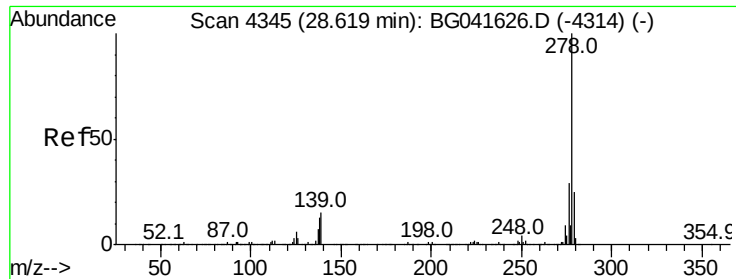
Tot Ion:252 Resp: 2173476
Ion Ratio Lower Upper
252 100
253 26.0 18.0 27.0
125 10.4 4.3 6.5#



#90
Benzo(a)pyrene
Concen: 71.608 ng
RT: 24.73 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:252 Resp: 2177224
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 11.0 4.2 6.4#

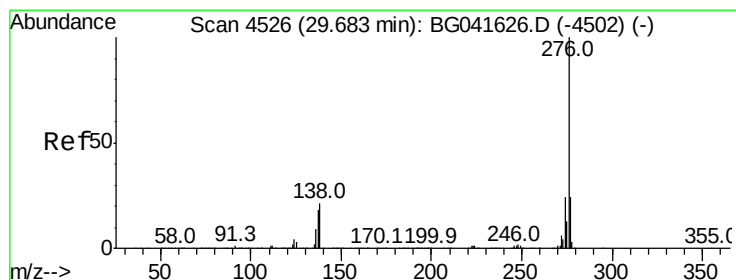
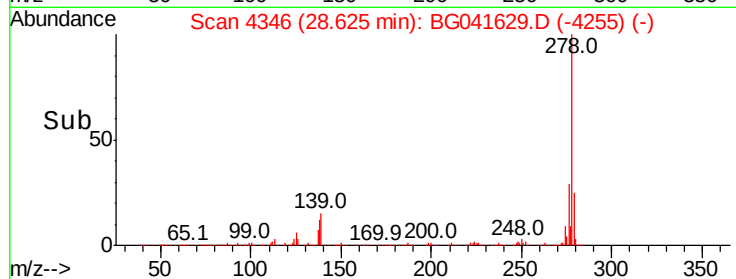
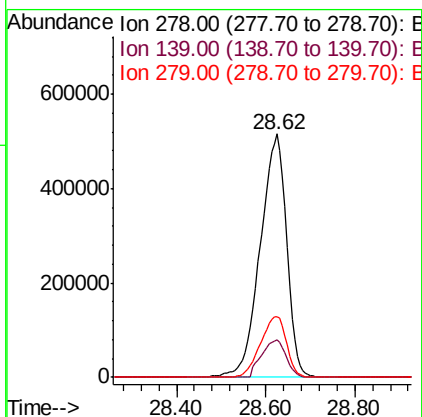
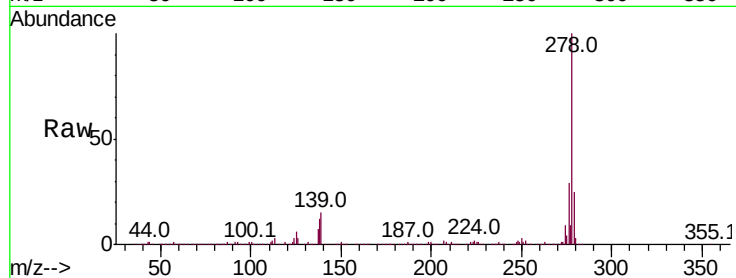




#91
Dibenzo(a,h)anthracene
Concen: 69.336 ng
RT: 28.62 min Scan# 4346
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 2122380
Ion Ratio Lower Upper
278 100
139 15.3 6.6 10.0#
279 25.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 70.610 ng
RT: 29.69 min Scan# 4527
Delta R.T. 0.01 min
Lab File: BG041629.D
Acq: 11 Jul 2019 21:25

Tgt Ion:276 Resp: 2135969
Ion Ratio Lower Upper
276 100
277 25.3 17.9 26.9
138 20.3 9.4 14.0#

