

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041254.D
 Acq On : 14 Jun 2019 15:31
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

Quant Time: Jun 14 16:11:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 15:26:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57016	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	252531	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	175371	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	420641	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	407918	20.00	ng	0.00
87) Perylene-d12	25.07	264	366426	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	248111	80.18	ng	-0.01
7) Phenol-d6	7.24	99	397919	84.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	469214	80.64	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207619	85.58	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1037343	78.30	ng	0.00
79) Terphenyl-d14	20.07	244	1639575	78.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	50243	38.949	ng	98
3) Pyridine	3.89	79	151442	40.186	ng	98
4) n-Nitrosodimethylamine	3.82	42	82103	41.880	ng	88
6) Aniline	7.42	93	258127	41.831	ng	100
8) 2-Chlorophenol	7.65	128	155388	40.588	ng	97
9) Benzaldehyde	7.23	77	127719	42.456	ng	88
10) Phenol	7.27	94	208197	40.990	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	153018	41.132	ng	98
12) 1,3-Dichlorobenzene	7.98	146	187433	40.739	ng	95
13) 1,4-Dichlorobenzene	8.13	146	191399	40.904	ng	96
14) 1,2-Dichlorobenzene	8.45	146	181928	40.588	ng	99
15) Benzyl Alcohol	8.33	79	182174	41.842	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247902	41.636	ng	98
17) 2-Methylphenol	8.53	107	151048	41.164	ng	98
18) Hexachloroethane	9.17	117	75290	41.064	ng	99
19) n-Nitroso-di-n-propylamine	8.90	70	153850	42.492	ng	98
20) 3+4-Methylphenols	8.86	107	209602	41.499	ng	97
22) Acetophenone	8.92	105	284968	40.775	ng	# 98
24) Nitrobenzene	9.32	77	238032	40.800	ng	99
25) Isophorone	9.83	82	419902	40.940	ng	98
26) 2-Nitrophenol	10.02	139	101550	41.134	ng	93
27) 2,4-Dimethylphenol	10.07	122	152589	40.660	ng	94
28) bis(2-Chloroethoxy)methane	10.31	93	229125	41.267	ng	98
29) 2,4-Dichlorophenol	10.56	162	193683	40.320	ng	96
30) 1,2,4-Trichlorobenzene	10.77	180	238260	41.079	ng	94
31) Naphthalene	10.97	128	546259	40.800	ng	99
32) Benzoic acid	10.23	122	77401	53.694	ng	94
33) 4-Chloroaniline	11.08	127	242107	41.407	ng	96
34) Hexachlorobutadiene	11.23	225	180881	40.478	ng	97
35) Caprolactam	11.89	113	57989	42.303	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	212687	41.830	ng	96
37) 2-Methylnaphthalene	12.56	142	408659	40.696	ng	99
38) 1-Methylnaphthalene	12.78	142	385156	40.671	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	304443	39.898	ng	99

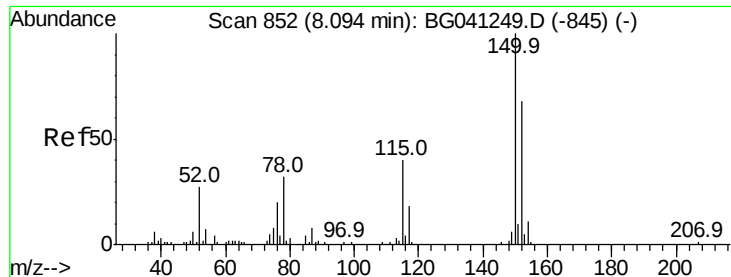
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041254.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	157789	44.129	ng	93
43) 2,4,6-Trichlorophenol	13.16	196	191143	41.631	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	190970	41.599	ng	98
46) 1,1'-Biphenyl	13.56	154	549260	40.501	ng	100
47) 2-Chloronaphthalene	13.61	162	472258	39.891	ng	98
48) 2-Nitroaniline	13.82	65	163849	40.039	ng	96
49) Acenaphthylene	14.46	152	672344	39.580	ng	98
50) Dimethylphthalate	14.18	163	600069	40.596	ng	99
51) 2,6-Dinitrotoluene	14.31	165	129667	40.887	ng	100
52) Acenaphthene	14.79	154	405824	39.908	ng	98
53) 3-Nitroaniline	14.65	138	129840	42.372	ng	99
54) 2,4-Dinitrophenol	14.85	184	39312	55.962	ng	99
55) Dibenzofuran	15.13	168	690527	40.128	ng	100
56) 4-Nitrophenol	14.94	139	76853	42.830	ng	88
57) 2,4-Dinitrotoluene	15.10	165	180198	40.957	ng	# 96
58) Fluorene	15.77	166	539214	40.358	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	184866	43.900	ng	100
60) Diethylphthalate	15.53	149	600659	41.146	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	355619	40.647	ng	97
62) 4-Nitroaniline	15.81	138	131245	42.038	ng	97
63) Azobenzene	16.05	77	531461	40.395	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	82267	49.921	ng	99
66) n-Nitrosodiphenylamine	15.98	169	473225	40.448	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	230103	41.297	ng	97
68) Hexachlorobenzene	16.77	284	243149	40.136	ng	97
69) Atrazine	16.92	200	175582	42.365	ng	99
70) Pentachlorophenol	17.12	266	109244	45.976	ng	98
71) Phenanthrene	17.52	178	870103	39.268	ng	97
72) Anthracene	17.61	178	872754	39.739	ng	99
73) Carbazole	17.88	167	747416	39.854	ng	100
74) Di-n-butylphthalate	18.41	149	935690	40.159	ng	97
75) Fluoranthene	19.52	202	1111937	39.464	ng	100
77) Benzidine	19.70	184	294291	46.468	ng	99
78) Pyrene	19.88	202	1120538	40.016	ng	99
80) Butylbenzylphthalate	20.74	149	436670	40.731	ng	100
81) Benzo(a)anthracene	21.73	228	1109213	41.121	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	368970	44.477	ng	98
83) Chrysene	21.80	228	1101335	41.307	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	603071	40.397	ng	100
85) Di-n-octyl phthalate	22.83	149	1014115	40.919	ng	100
86) Indeno(1,2,3-cd)pyrene	28.87	276	711247	44.430	ng	# 93
88) Benzo(b)fluoranthene	24.01	252	920955	41.139	ng	99
89) Benzo(k)fluoranthene	24.07	252	1056456	39.528	ng	99
90) Benzo(a)pyrene	24.92	252	901447	41.333	ng	95
91) Dibenzo(a,h)anthracene	28.94	278	547000	43.712	ng	96
92) Benzo(g,h,i)perylene	30.07	276	511472	47.511	ng	98

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

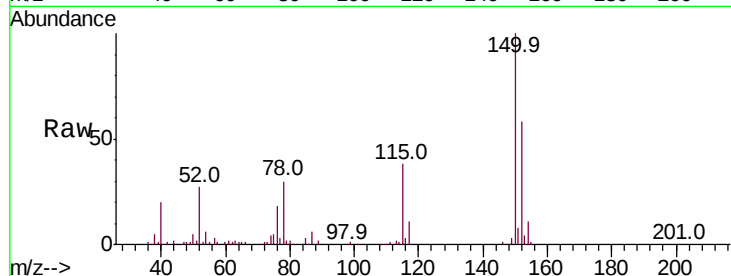


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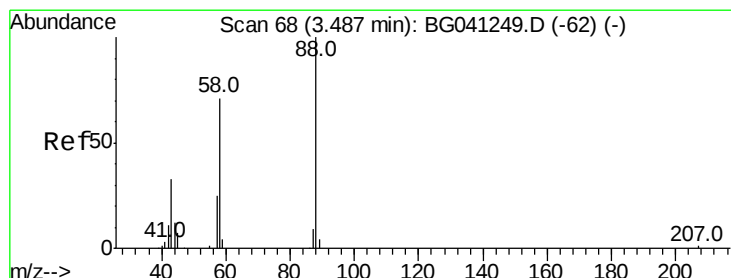
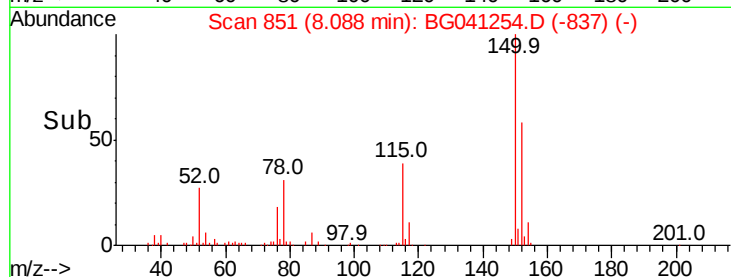
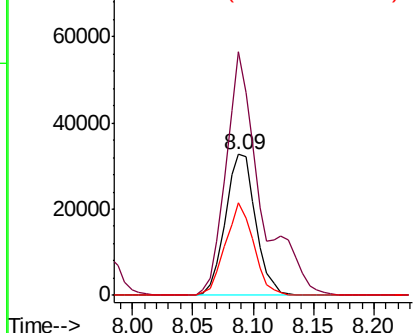
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:152 Resp: 57016
Ion Ratio Lower Upper
152 100
150 172.9 120.6 180.8
115 66.0 45.1 67.7



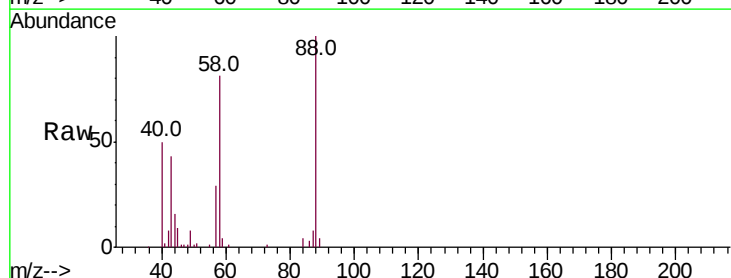
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



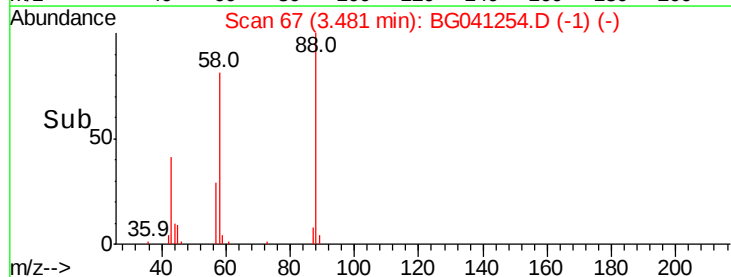
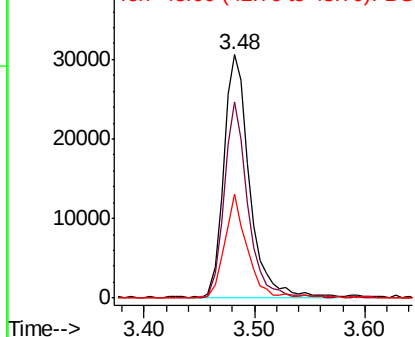
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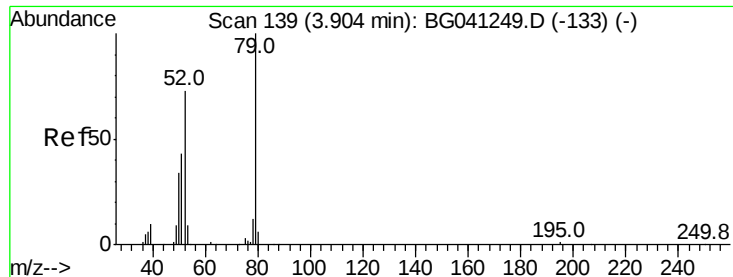
1,4-Dioxane
Concen: 38.949 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion: 88 Resp: 50243
Ion Ratio Lower Upper
88 100
58 73.5 59.0 88.6
43 36.4 27.2 40.8



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: 40.186 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

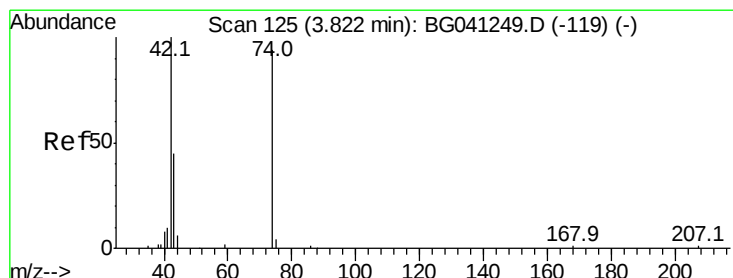
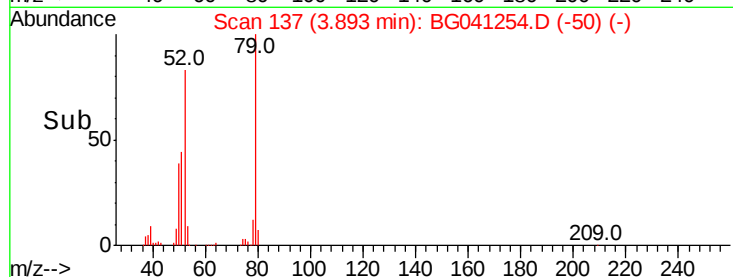
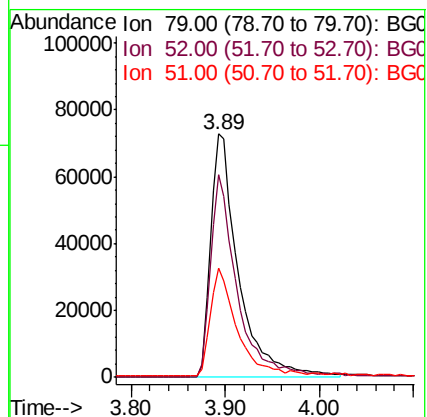
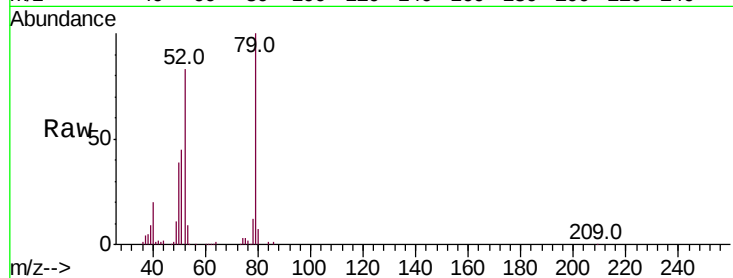
Tot Ion: 79 Resp: 151442

Ion Ratio Lower Upper

79 100

52 83.2 64.8 97.2

51 45.0 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 41.880 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

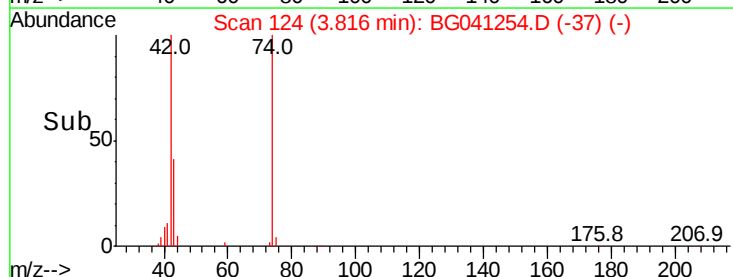
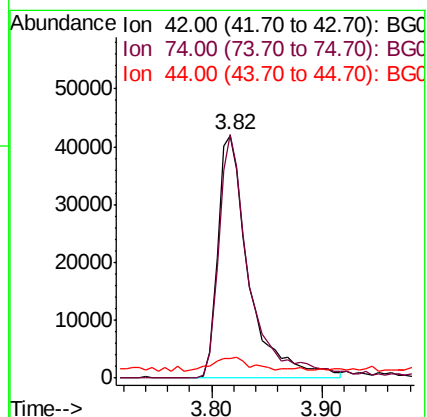
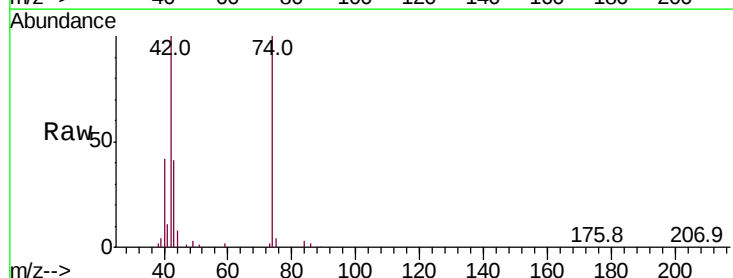
Tgt Ion: 42 Resp: 82103

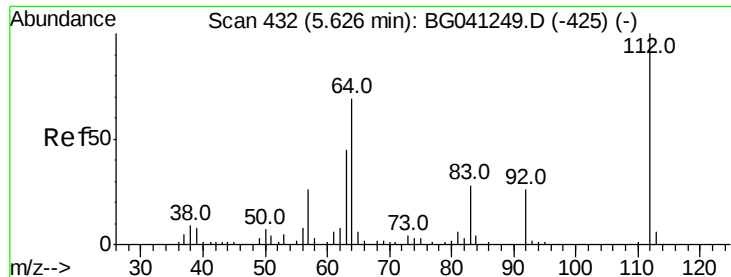
Ion Ratio Lower Upper

42 100

74 100.5 91.8 137.6

44 8.3 6.0 9.0





#5

2-Fluorophenol

Concen: 80.184 ng

RT: 5.63 min Scan# 432

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

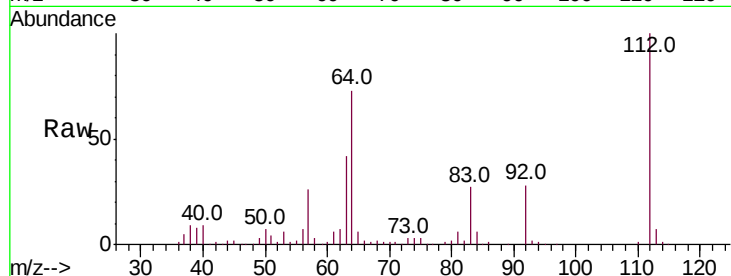
Tot Ion:112 Resp: 248111

Ion Ratio Lower Upper

112 100

64 72.7 56.2 84.2

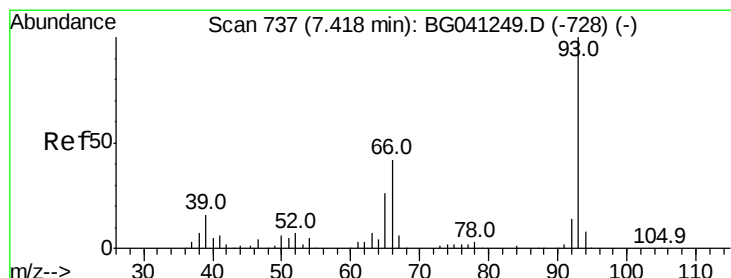
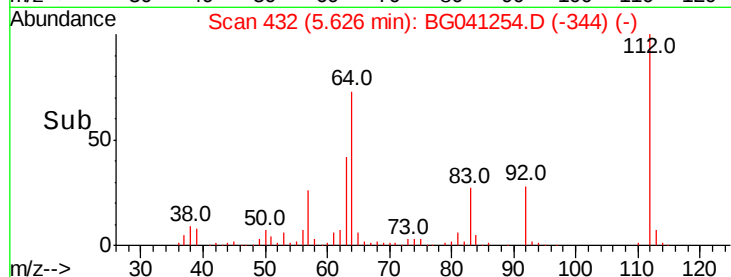
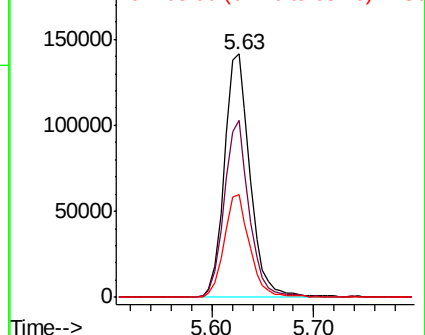
63 42.3 32.8 49.2



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: 41.831 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

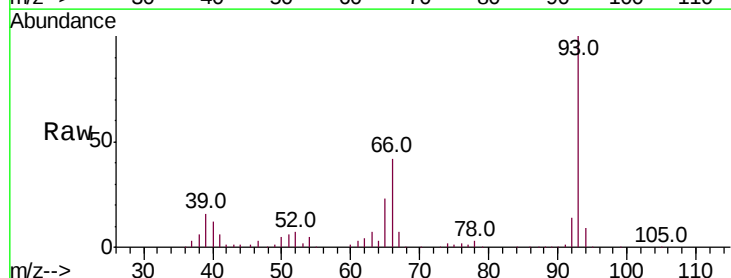
Tgt Ion: 93 Resp: 258127

Ion Ratio Lower Upper

93 100

66 42.4 33.8 50.8

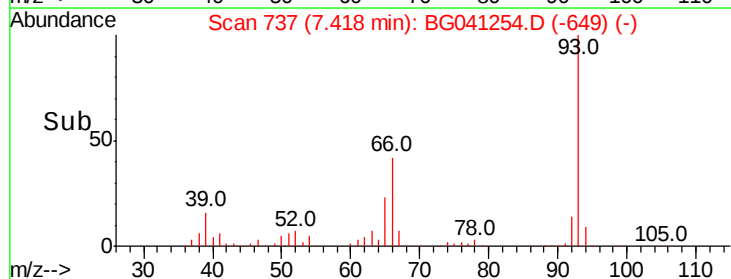
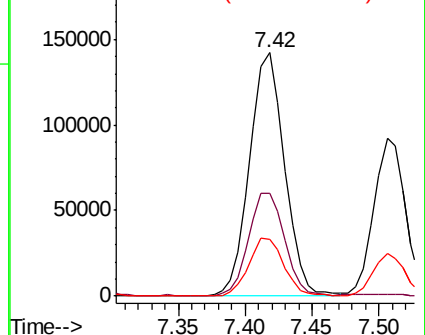
65 23.2 18.3 27.5

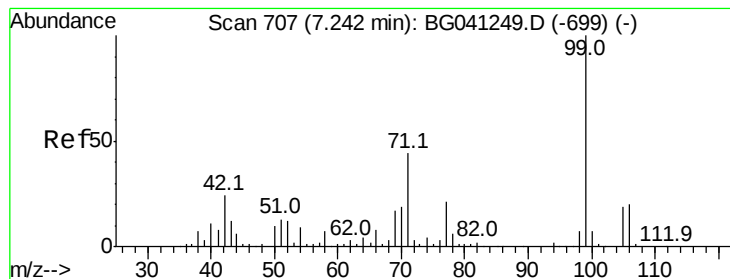


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.120 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

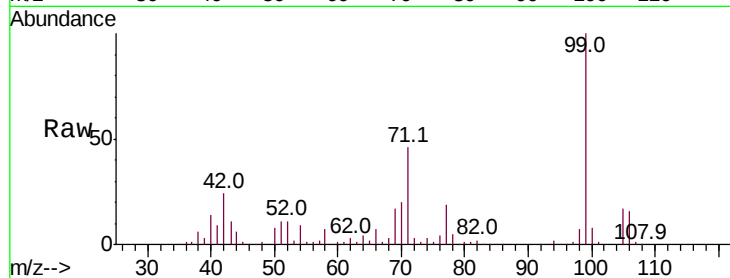
Tot Ion: 99 Resp: 397919

Ion Ratio Lower Upper

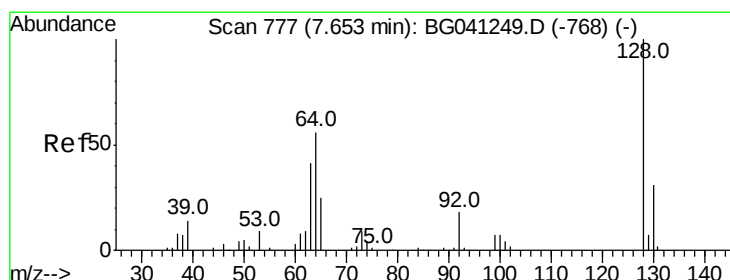
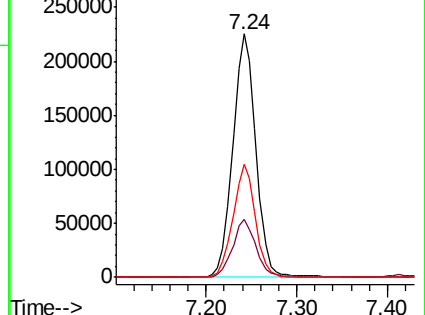
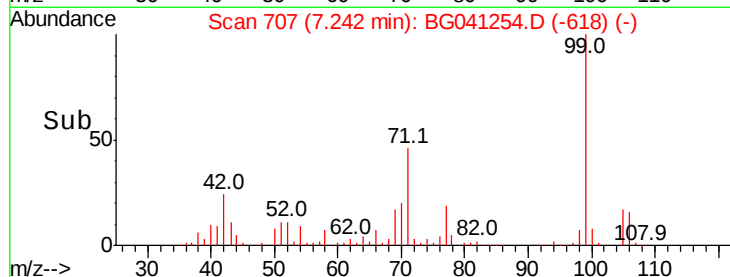
99 100

42 24.1 17.9 26.9

71 46.5 35.4 53.0



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: 40.588 ng

RT: 7.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

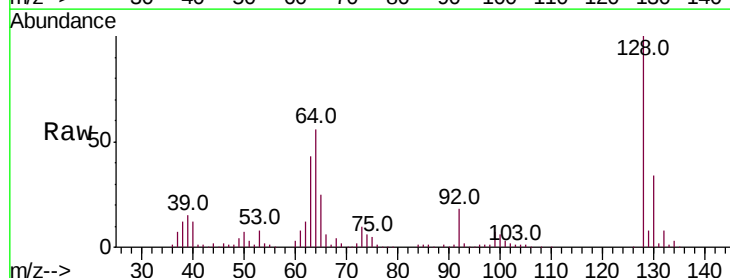
Tgt Ion: 128 Resp: 155388

Ion Ratio Lower Upper

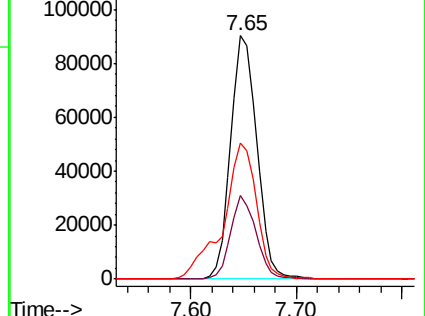
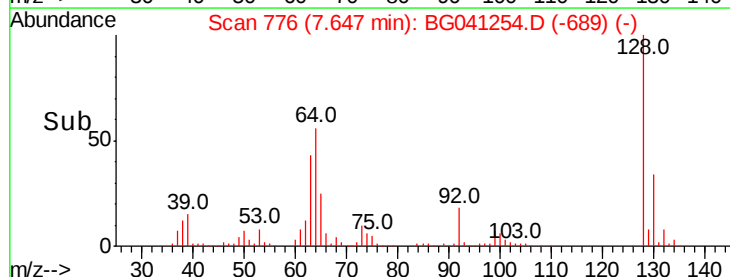
128 100

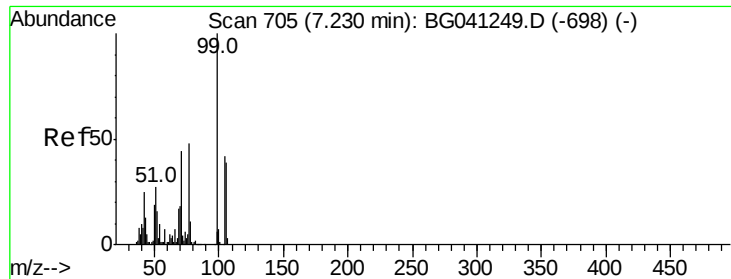
130 34.1 16.6 56.6

64 56.0 37.8 77.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.456 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

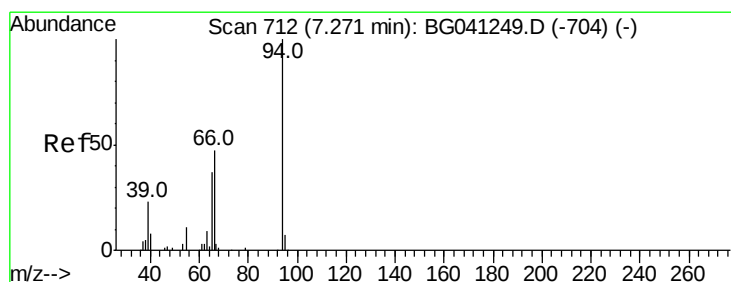
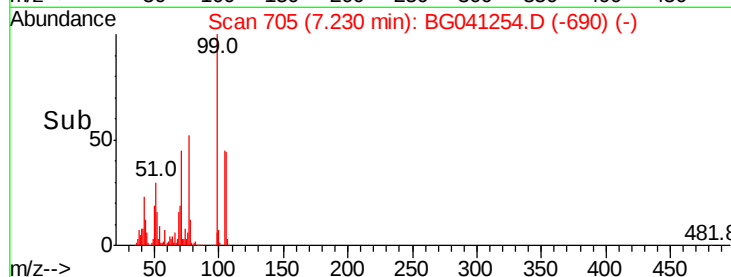
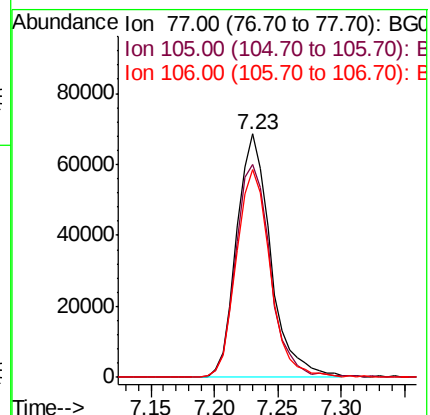
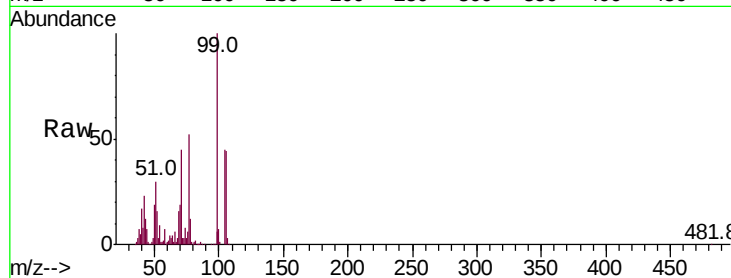
Tot Ion: 77 Resp: 127719

Ion Ratio Lower Upper

77 100

105 87.3 78.9 118.9

106 85.2 76.7 116.7



#10

Phenol

Concen: 40.990 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

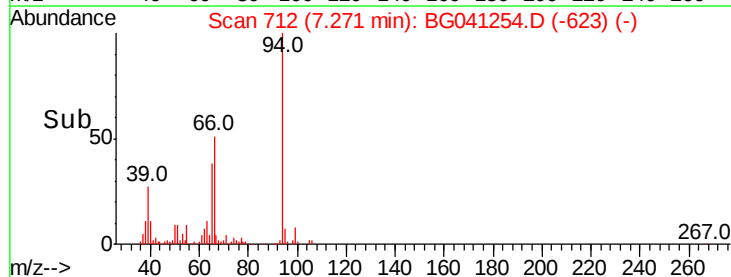
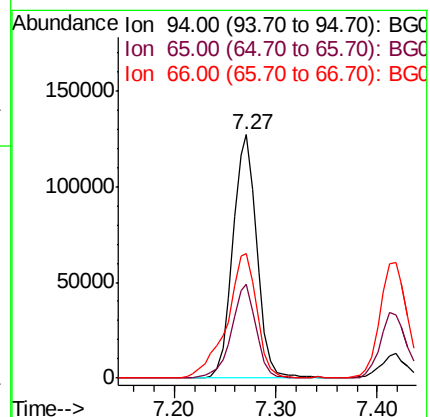
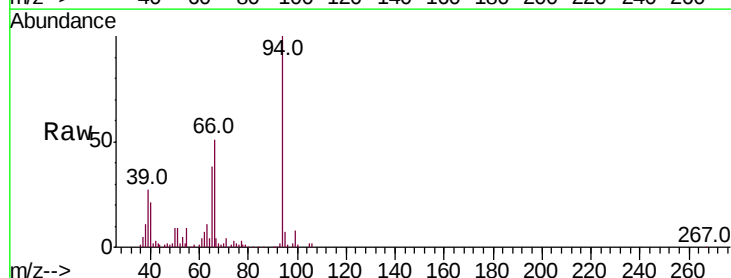
Tgt Ion: 94 Resp: 208197

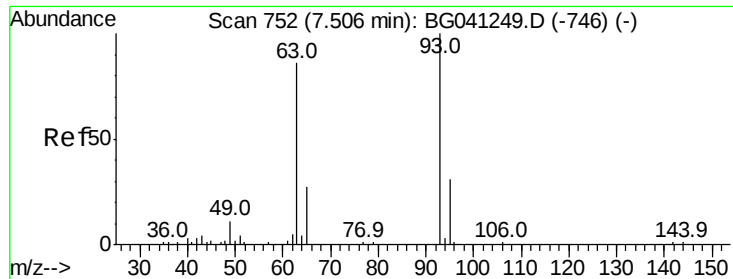
Ion Ratio Lower Upper

94 100

65 38.5 17.0 57.0

66 51.2 32.4 72.4

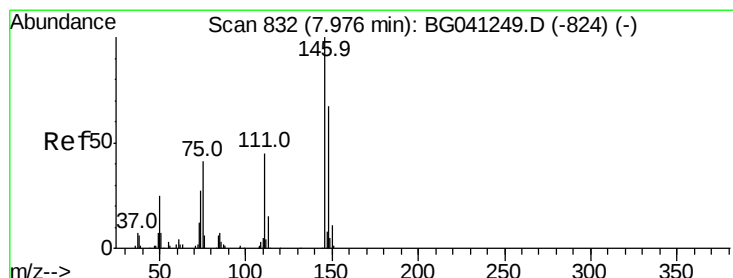
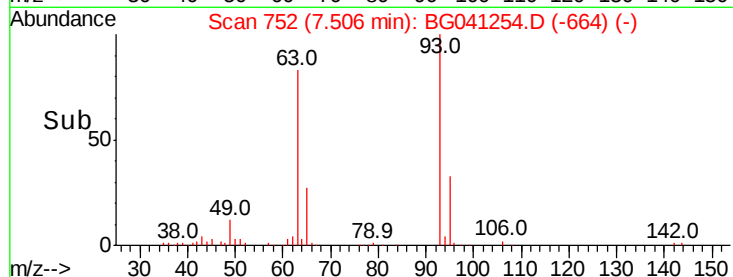
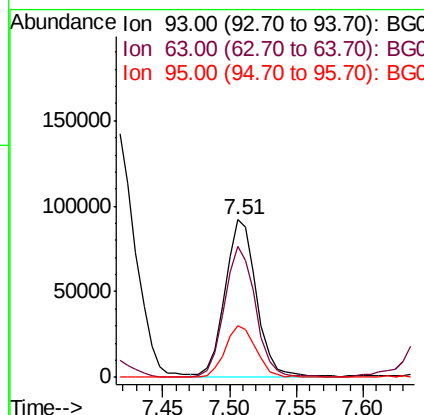
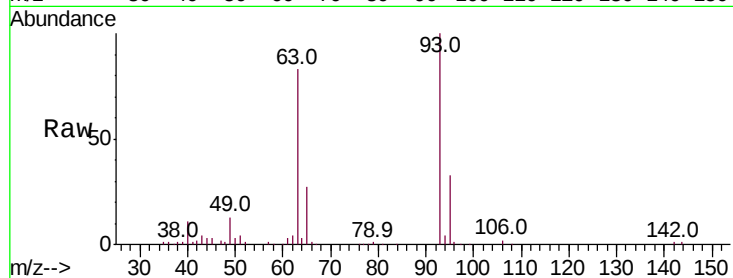




#11
bis(2-Chloroethyl)ether
Concen: 41.132 ng
RT: 7.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

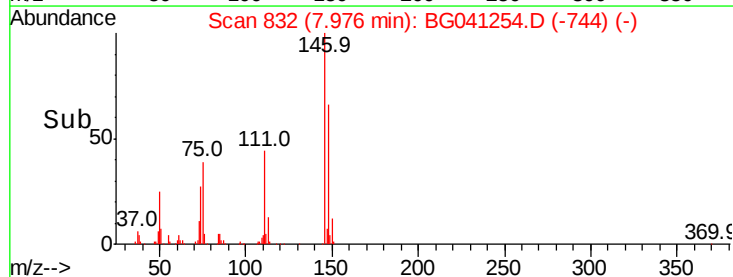
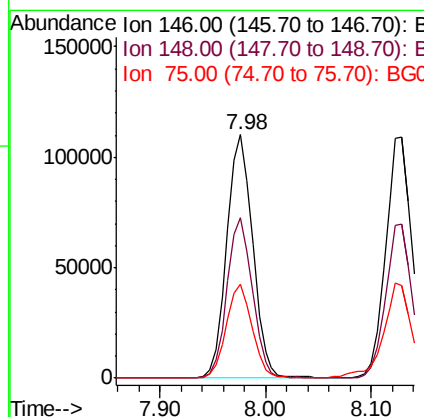
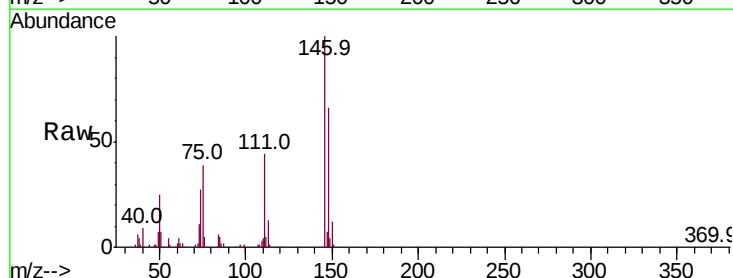
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

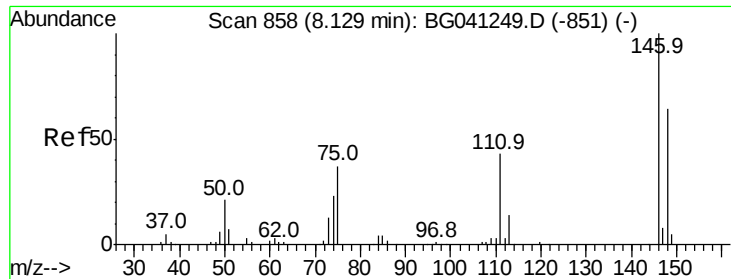
Tot Ion: 93 Resp: 153018
Ion Ratio Lower Upper
93 100
63 82.8 64.5 104.5
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.739 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion: 146 Resp: 187433
Ion Ratio Lower Upper
146 100
148 66.0 49.2 73.8
75 38.7 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 40.904 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

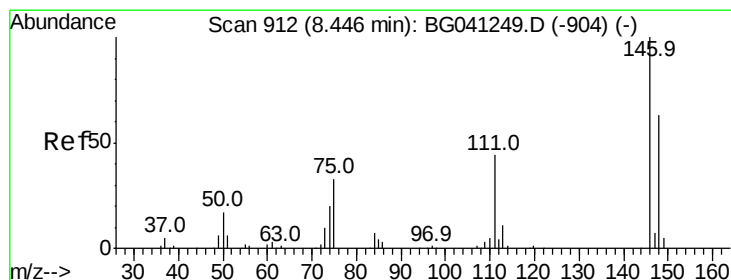
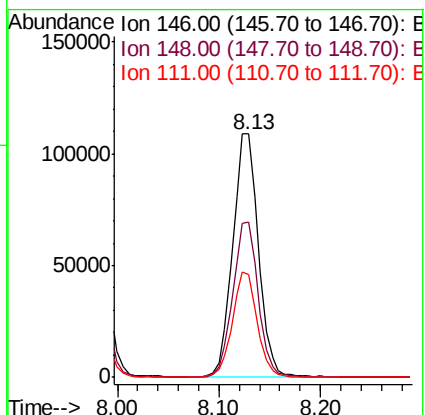
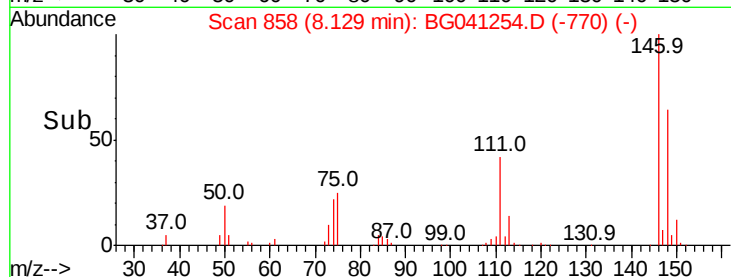
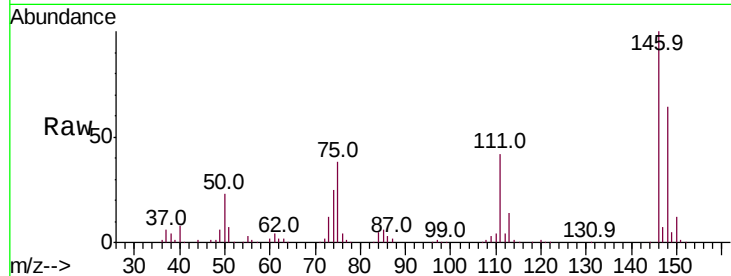
Tot Ion:146 Resp: 191399

Ion Ratio Lower Upper

146 100

148 64.0 54.2 81.4

111 42.5 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 40.588 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

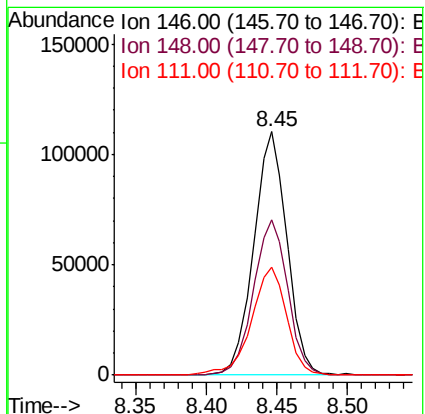
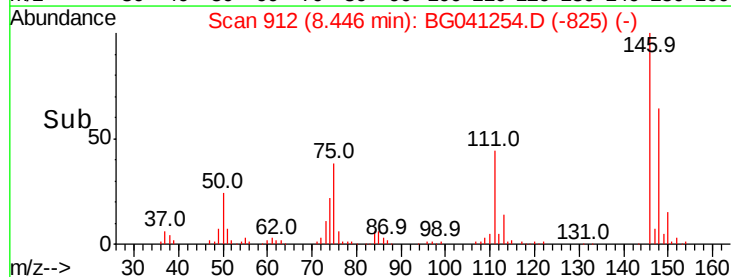
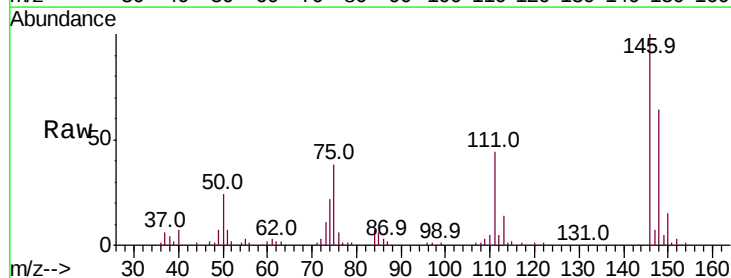
Tgt Ion:146 Resp: 181928

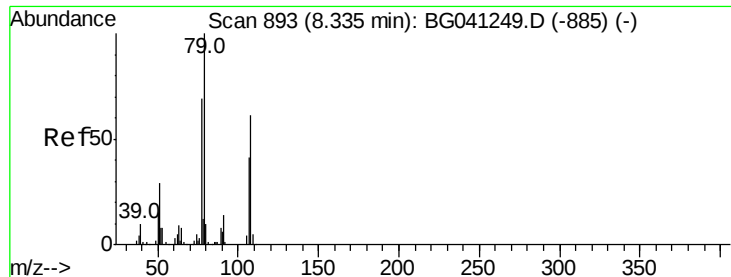
Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.6

111 44.1 35.0 52.4





#15

Benzyl Alcohol

Concen: 41.842 ng

RT: 8.33 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

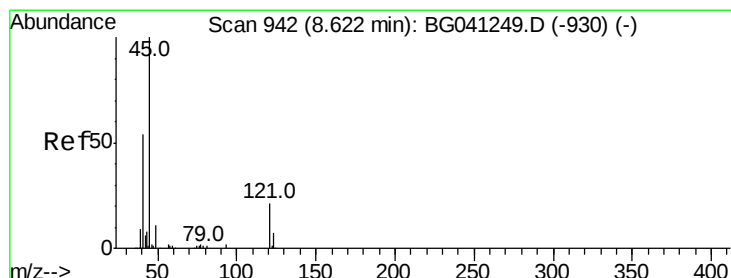
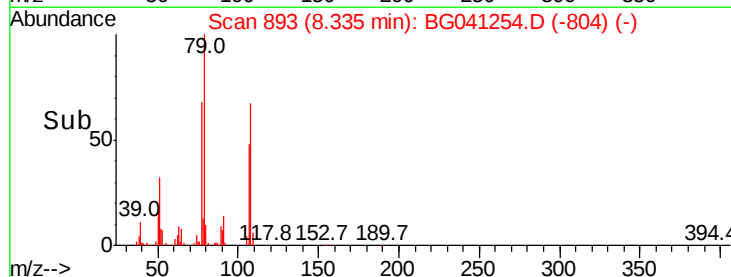
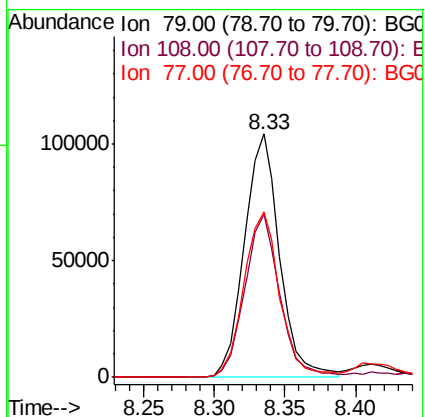
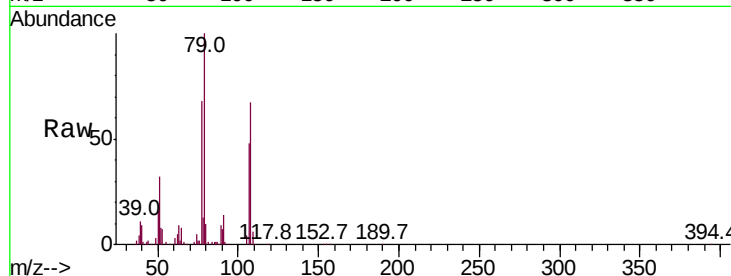
Tot Ion: 79 Resp: 182174

Ion	Ratio	Lower	Upper
79	100		
108	66.8	48.3	72.5
77	68.1	52.3	78.5

79 100

108 66.8 48.3 72.5

77 68.1 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.636 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

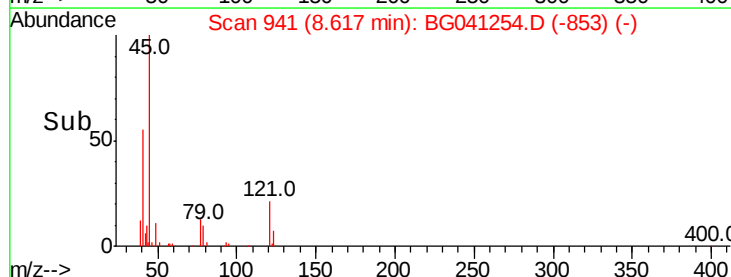
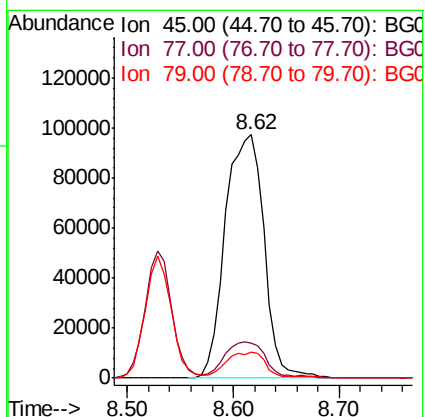
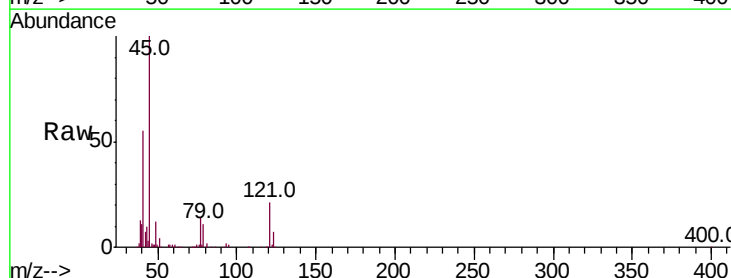
Tgt Ion: 45 Resp: 247902

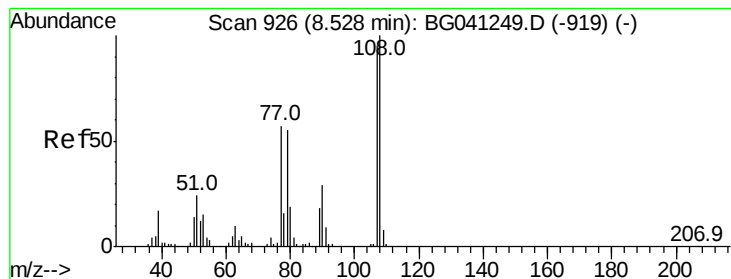
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.7
79	10.8	0.0	30.2

45 100

77 14.4 0.0 33.7

79 10.8 0.0 30.2





#17

2-Methylphenol

Concen: 41.164 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

Tot Ion:107 Resp: 151048

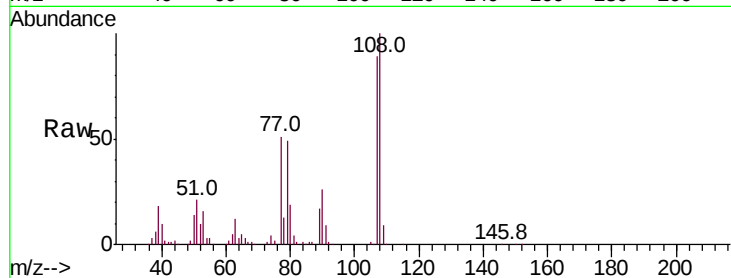
Ion Ratio Lower Upper

107 100

108 112.9 87.7 131.5

77 57.6 46.6 70.0

79 55.5 44.6 66.8

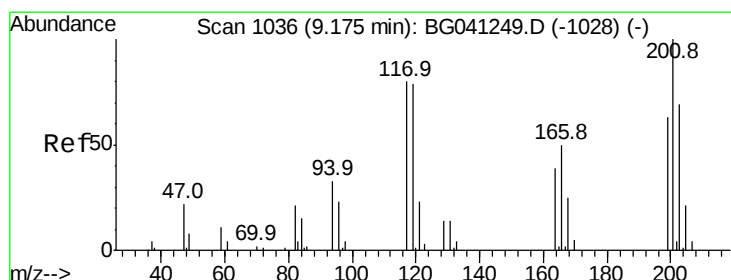
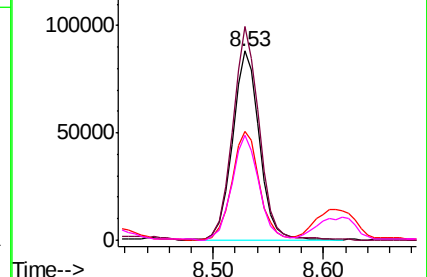
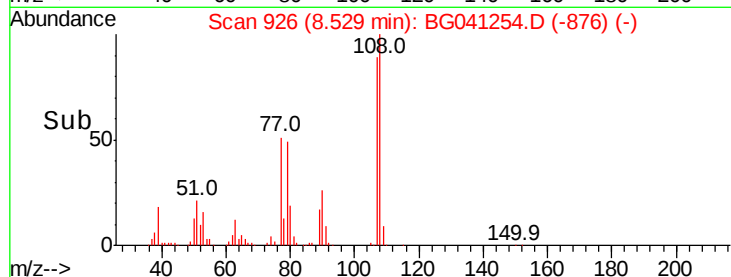


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.064 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

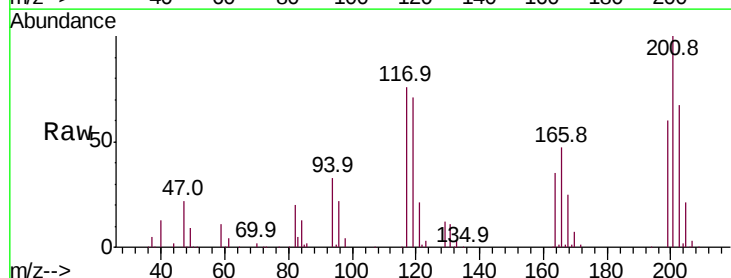
Tgt Ion:117 Resp: 75290

Ion Ratio Lower Upper

117 100

119 92.4 75.0 112.6

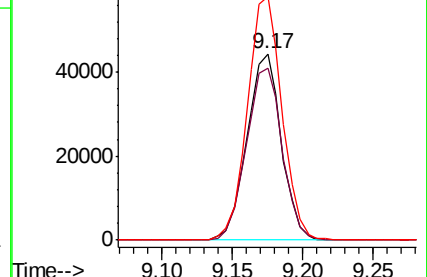
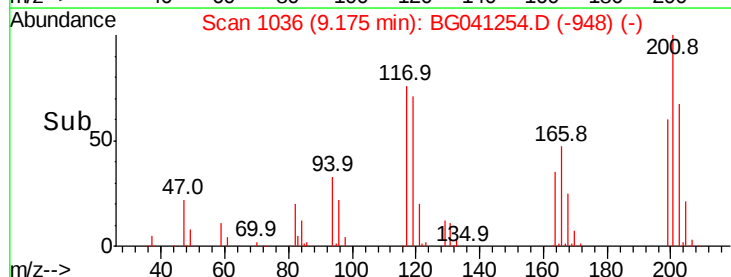
201 130.8 103.5 155.3

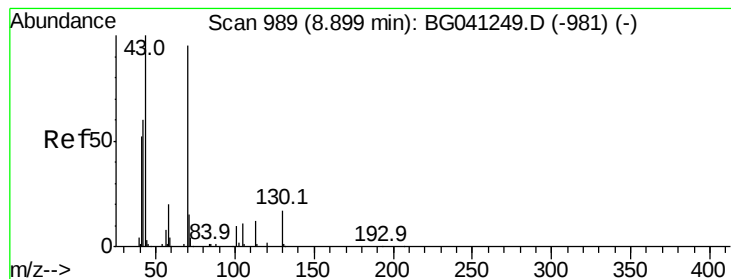


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.492 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

Tot Ion: 70 Resp: 153850

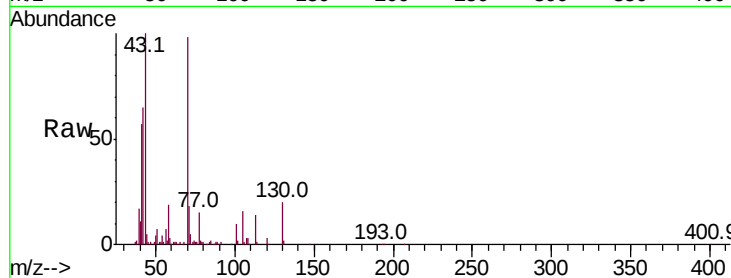
Ion Ratio Lower Upper

70 100

42 66.3 51.5 77.3

101 9.8 8.1 12.1

130 19.9 16.6 24.8

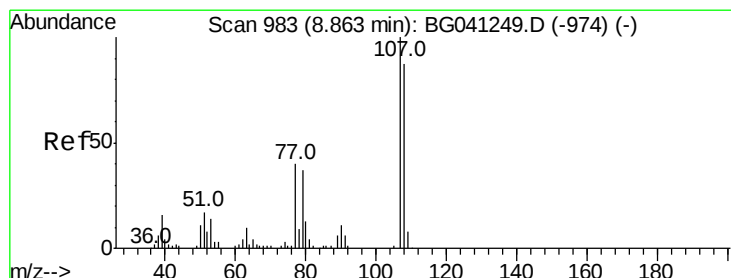
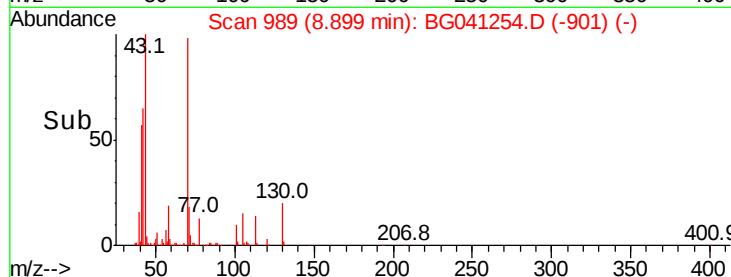
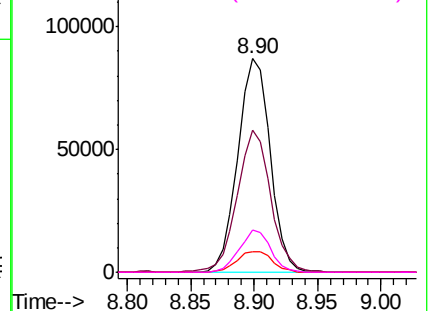


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.499 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Tgt Ion:107 Resp: 209602

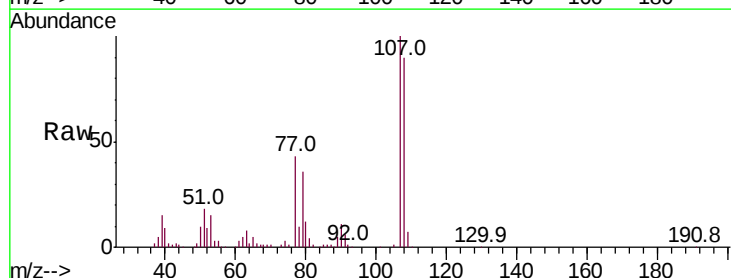
Ion Ratio Lower Upper

107 100

108 90.0 66.8 106.8

77 42.8 20.5 60.5

79 35.9 15.8 55.8

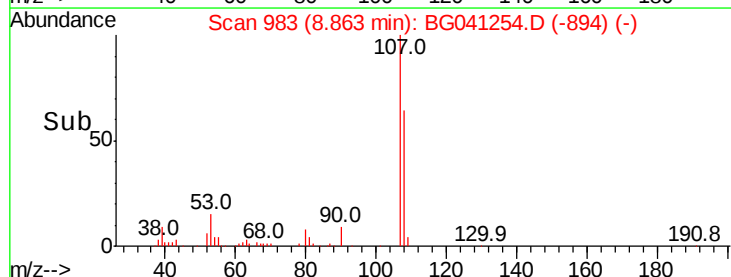
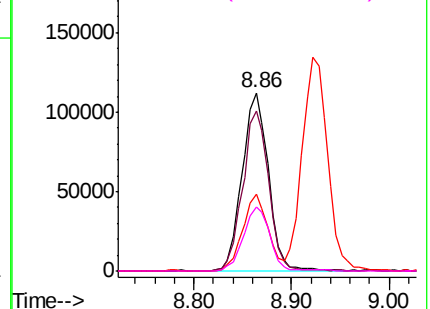


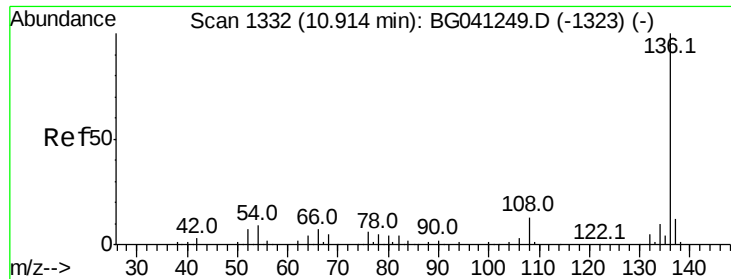
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

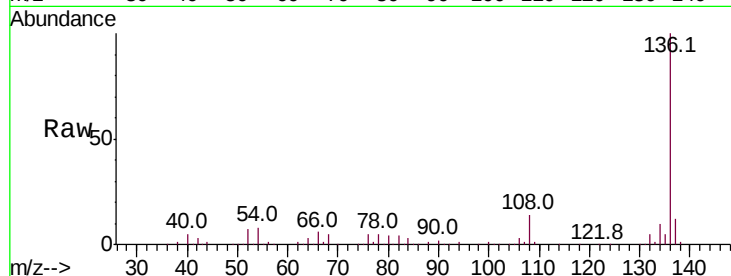




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:136	Resp:	252531
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.5 14.3
54	7.6	7.6 11.4
68	4.9	3.9 5.9



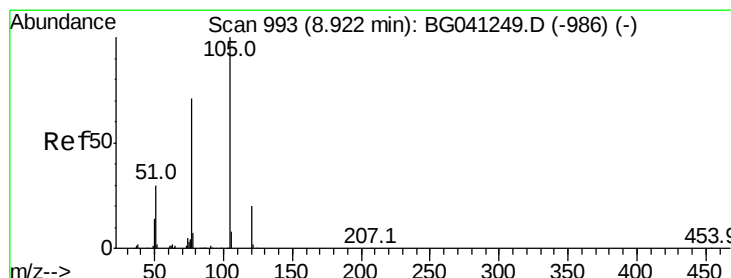
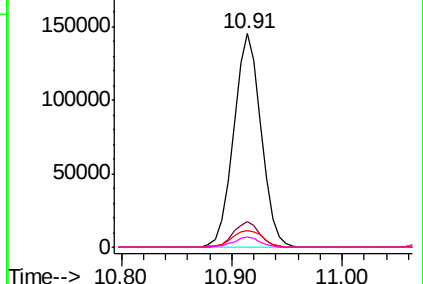
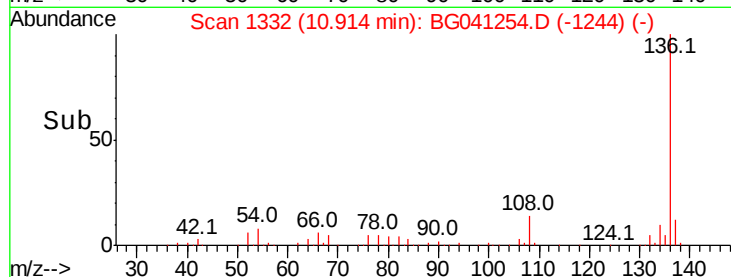
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

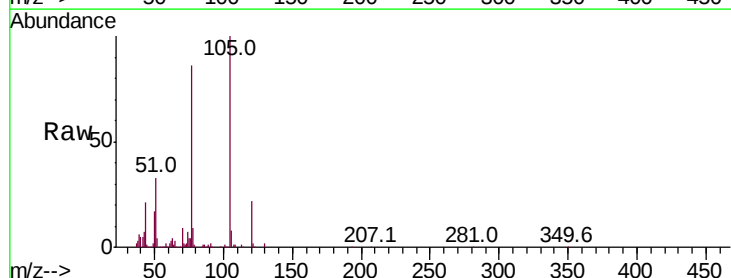
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.775 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:105	Resp:	284968
Ion	Ratio	Lower Upper
105	100	
71	1.6	0.4 0.6#
51	33.5	27.0 40.6
120	21.8	16.2 24.4



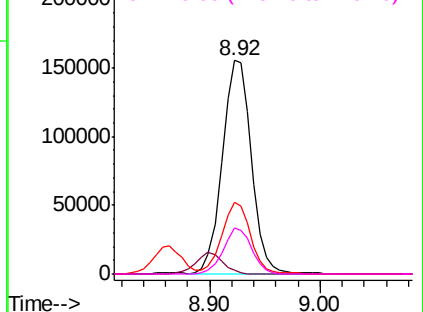
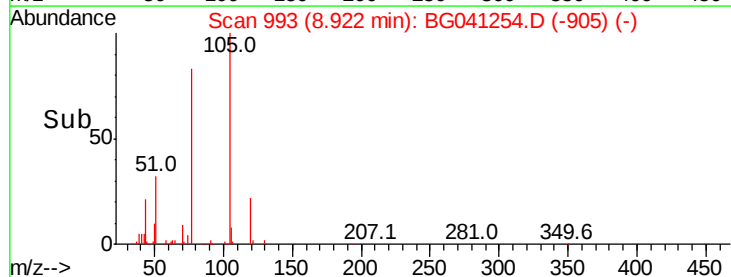
Abundance

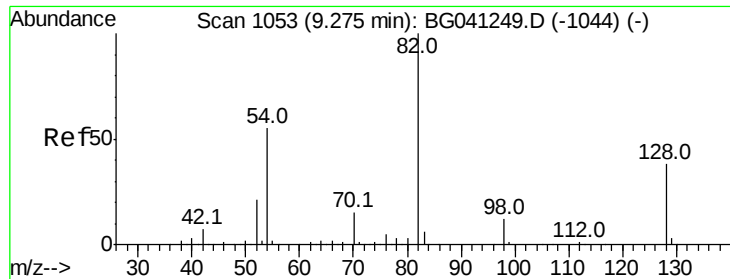
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

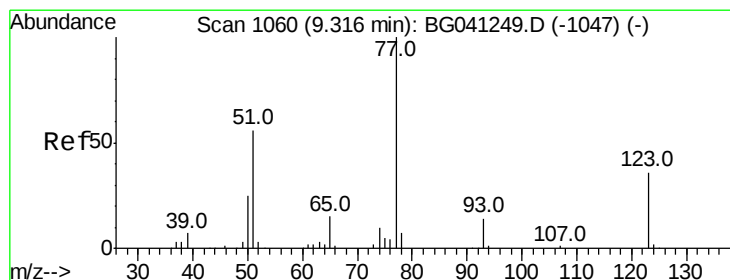
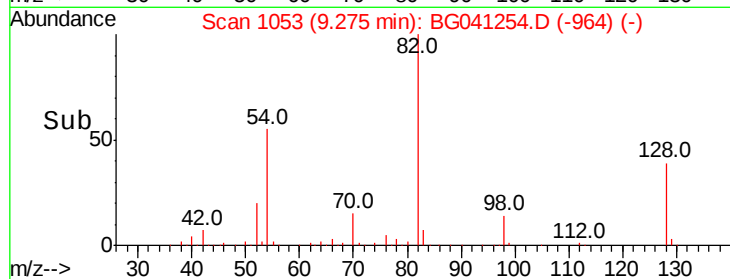
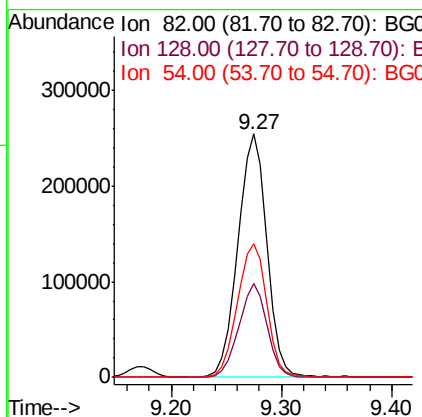
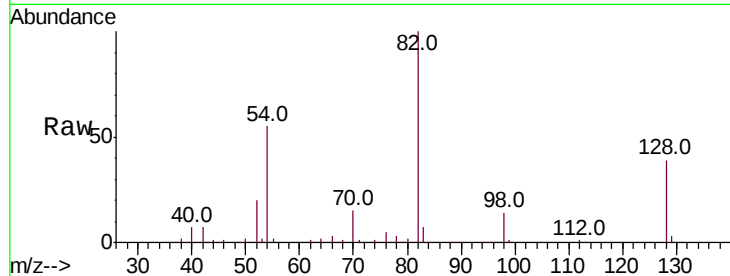




#23
 Nitrobenzene-d5
 Concen: 80.638 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

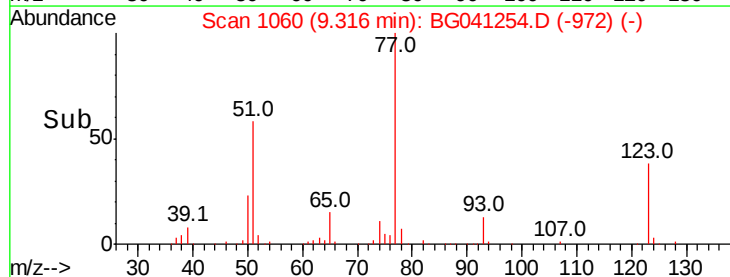
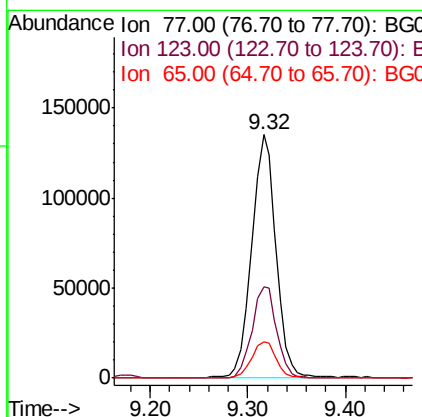
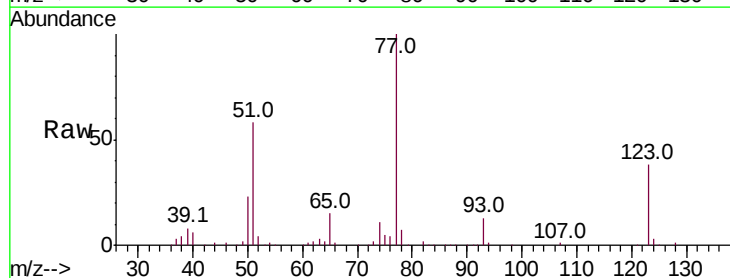
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

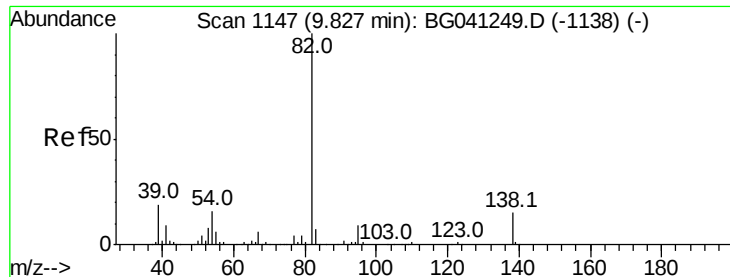
Tot Ion	82	Resp	469214
Ion Ratio	100	Lower	Upper
128	38.7	30.5	45.7
54	54.7	44.6	66.8



#24
 Nitrobenzene
 Concen: 40.800 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Tgt Ion	77	Resp	238032
Ion Ratio	100	Lower	Upper
123	37.7	30.6	46.0
65	14.9	12.3	18.5





#25

Isophorone

Concen: 40.940 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

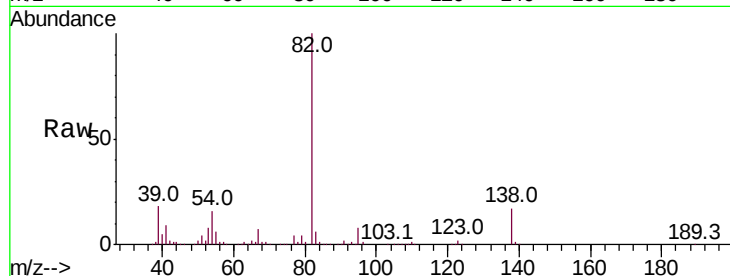
Tot Ion: 82 Resp: 419902

Ion Ratio Lower Upper

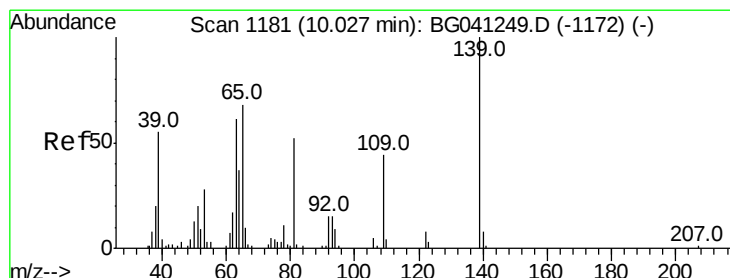
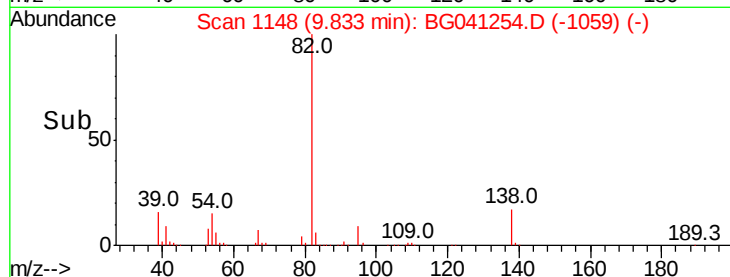
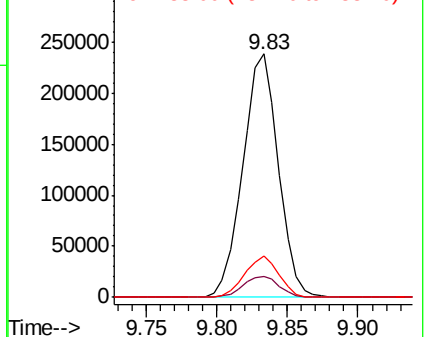
82 100

95 8.4 7.0 10.4

138 16.8 12.6 19.0



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: 41.134 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

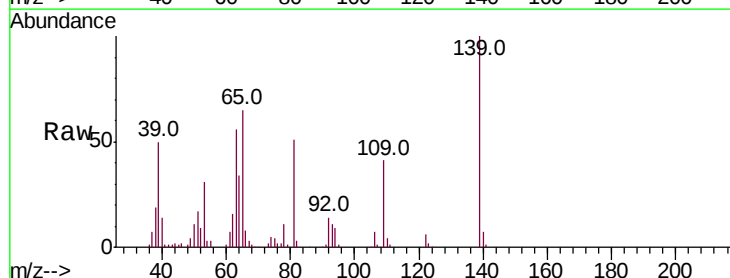
Tgt Ion: 139 Resp: 101550

Ion Ratio Lower Upper

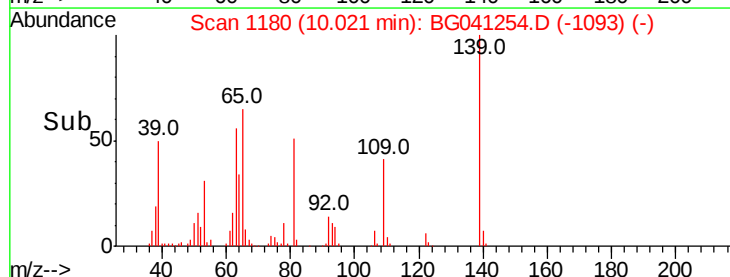
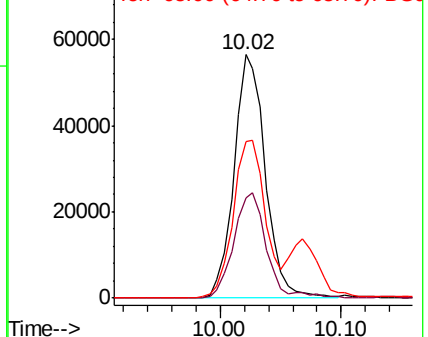
139 100

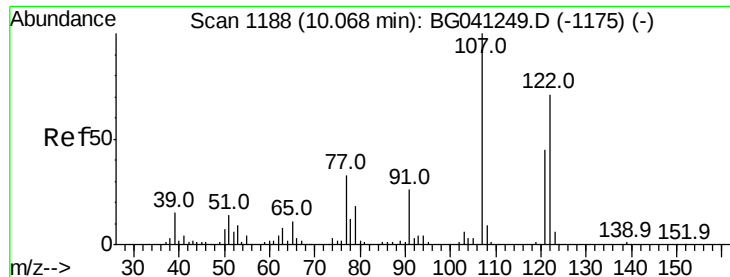
109 41.3 29.8 44.6

65 64.5 47.8 71.6



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

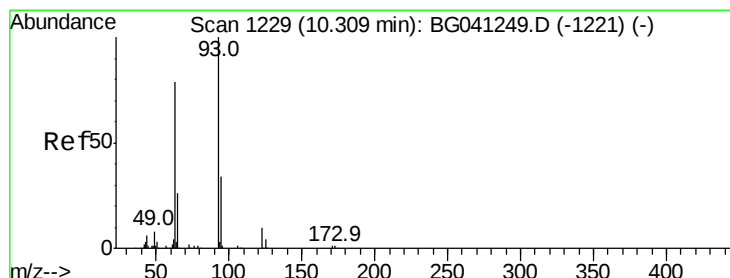
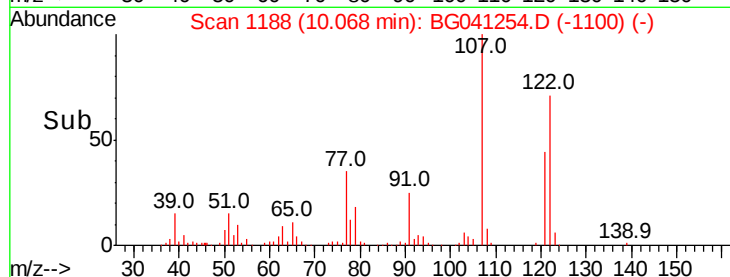
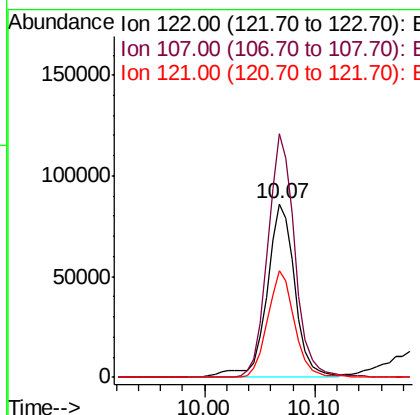
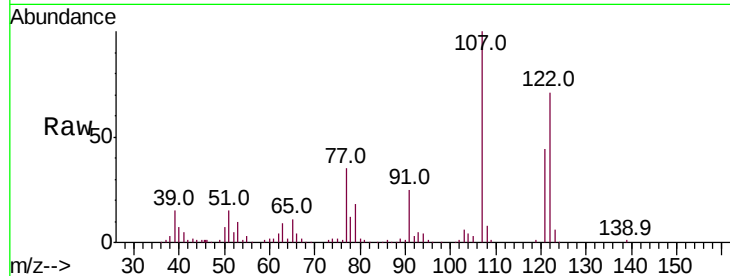




#27
2,4-Dimethylphenol
Concen: 40.660 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

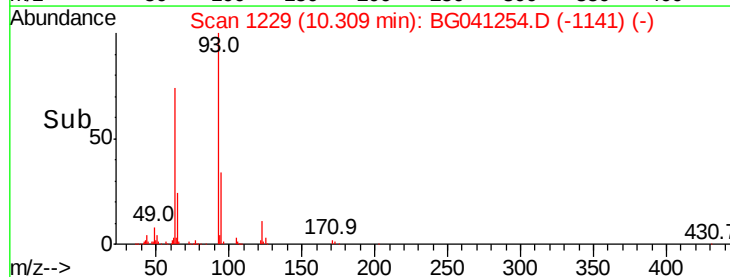
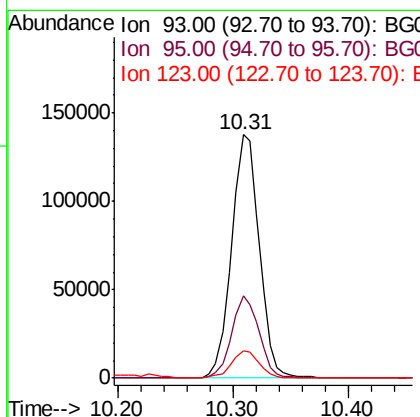
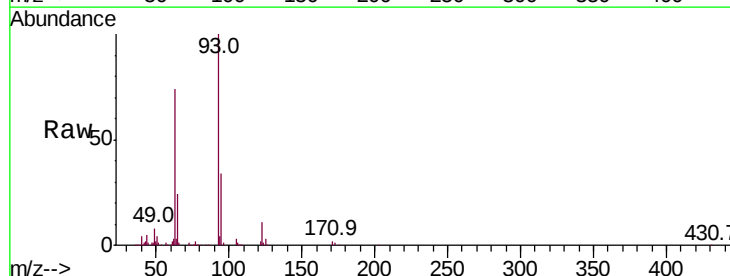
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

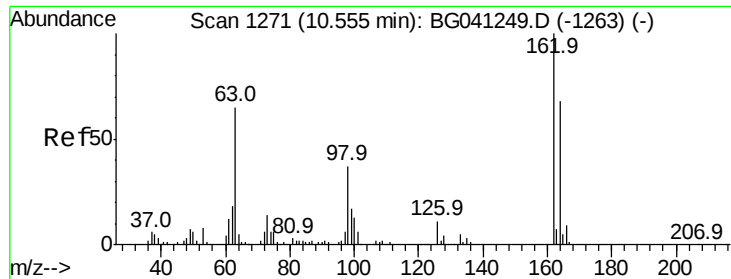
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	105.9	158.9
121	61.2	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.267 ng
RT: 10.31 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.2
123	11.2	9.5	14.3

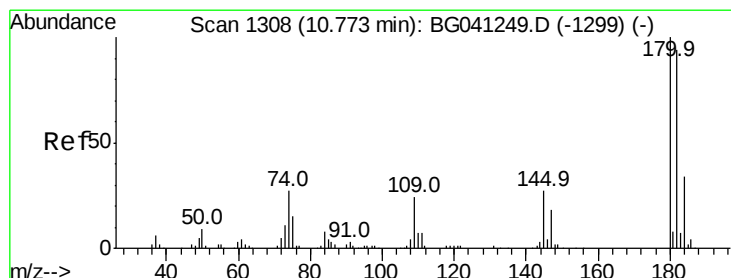
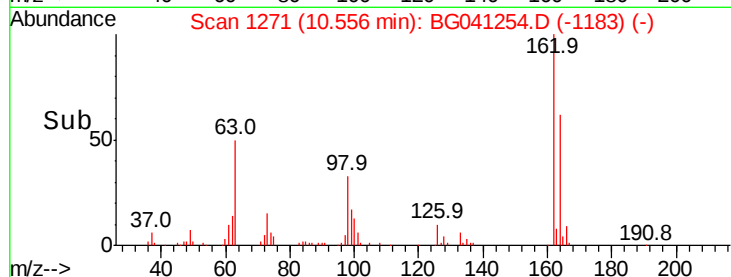
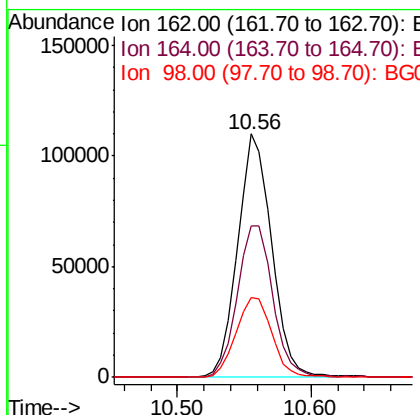
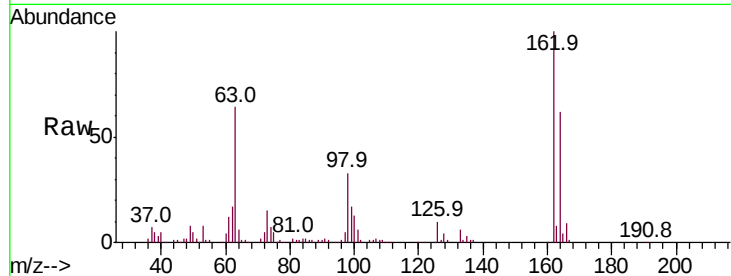




#29
 2,4-Dichlorophenol
 Concen: 40.320 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

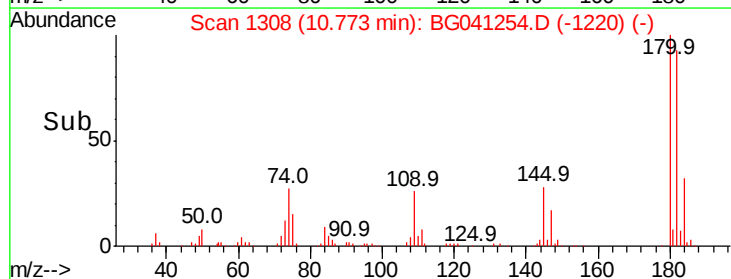
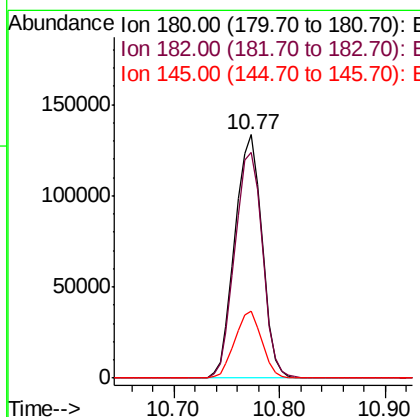
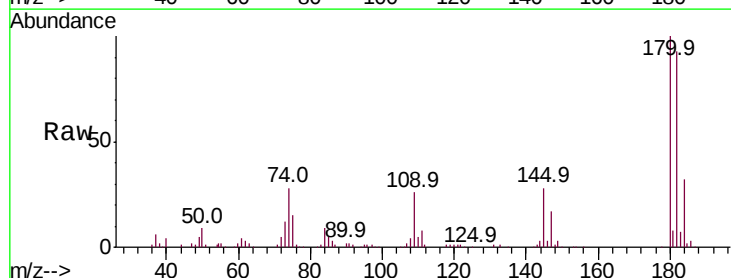
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

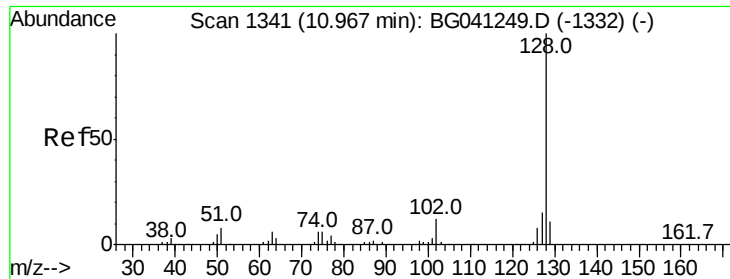
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	39.4	79.4
98	32.8	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.079 ng
 RT: 10.77 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	79.7	119.5
145	27.7	22.6	34.0

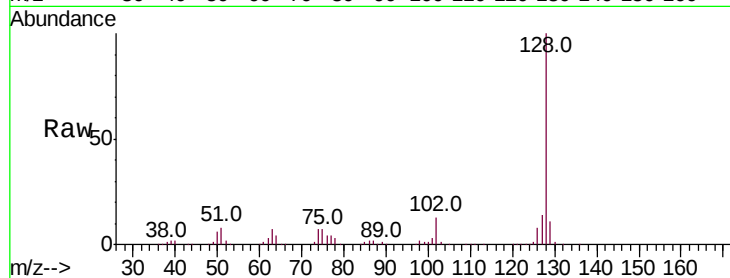




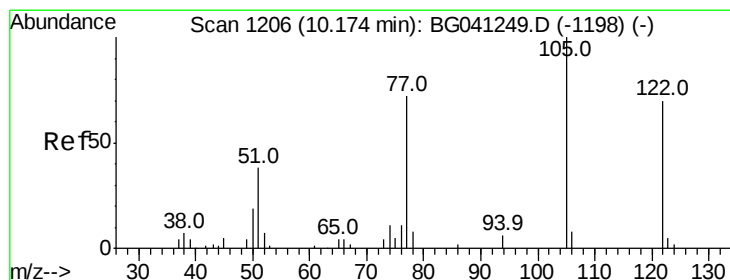
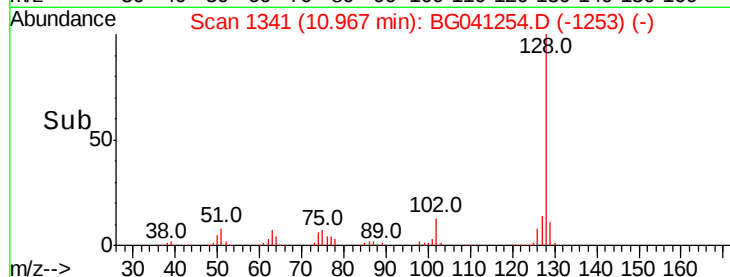
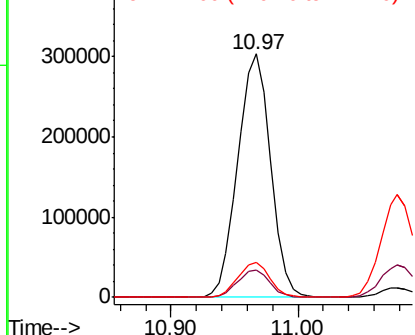
#31
Naphthalene
Concen: 40.800 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:128 Resp: 546259
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.2 11.4 17.2

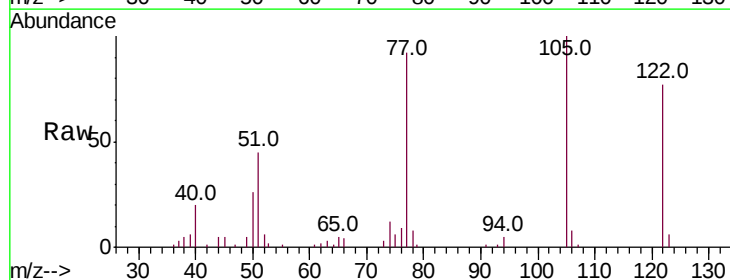


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

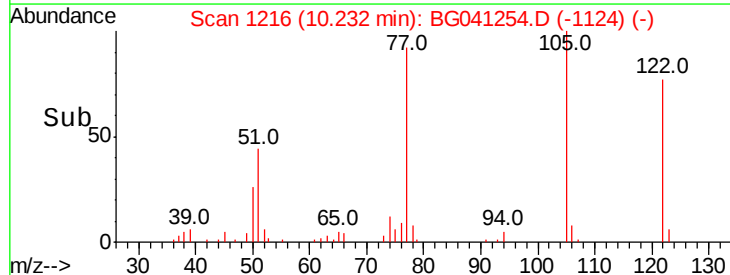
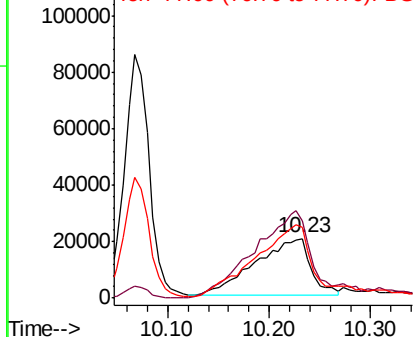


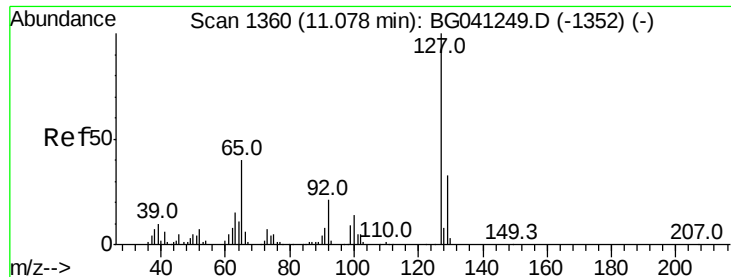
#32
Benzoic acid
Concen: 53.694 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:122 Resp: 77401
Ion Ratio Lower Upper
122 100
105 130.2 114.8 154.8
77 119.8 89.9 129.9



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): BGC

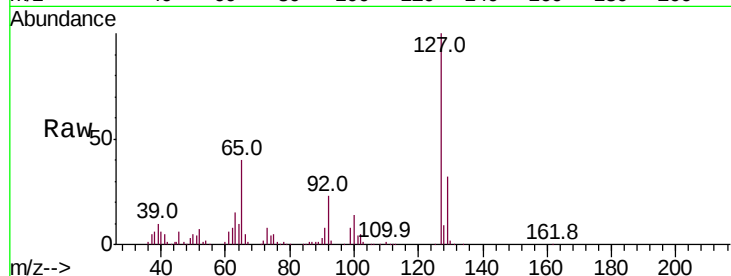




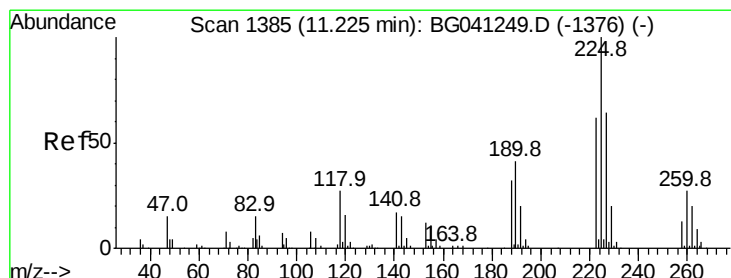
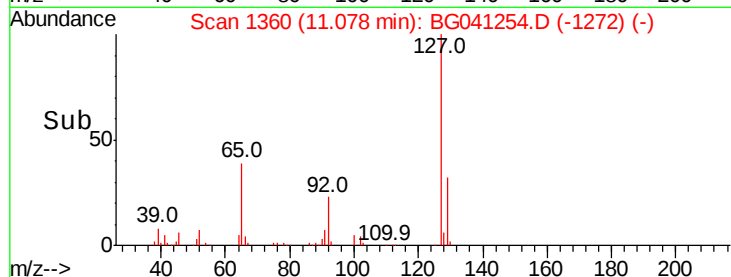
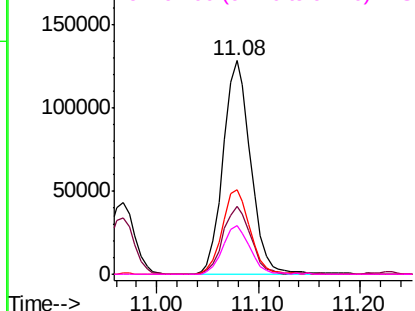
#33
4-Chloroaniline
Concen: 41.407 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:	127	Resp:	242107
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.7	41.5
65	39.7	33.2	49.8
92	22.8	17.2	25.8

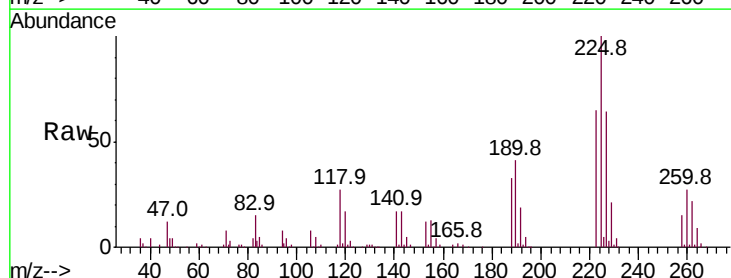


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

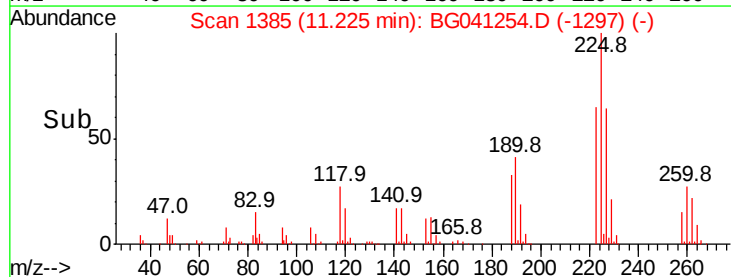
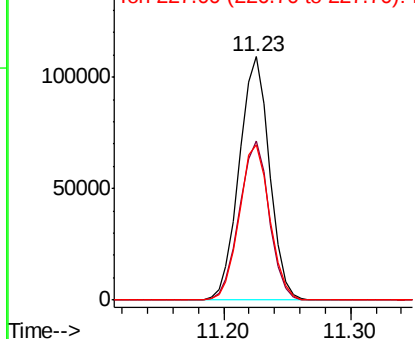


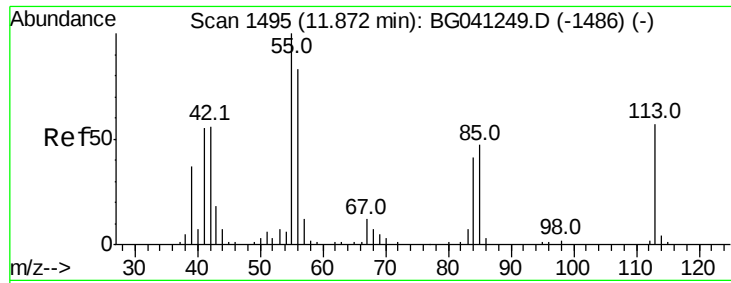
#34
Hexachlorobutadiene
Concen: 40.478 ng
RT: 11.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:	225	Resp:	180881
Ion	Ratio	Lower	Upper
225	100		
223	65.4	48.8	73.2
227	63.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.303 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

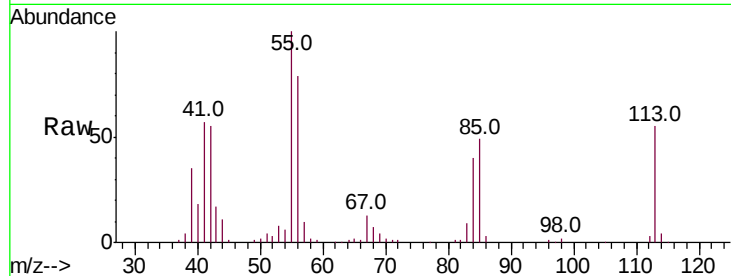
Tot Ion:113 Resp: 57989

Ion Ratio Lower Upper

113 100

55 182.0 155.9 195.9

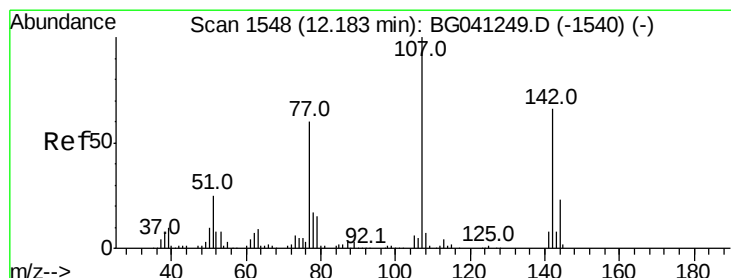
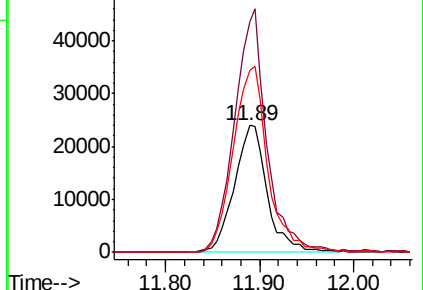
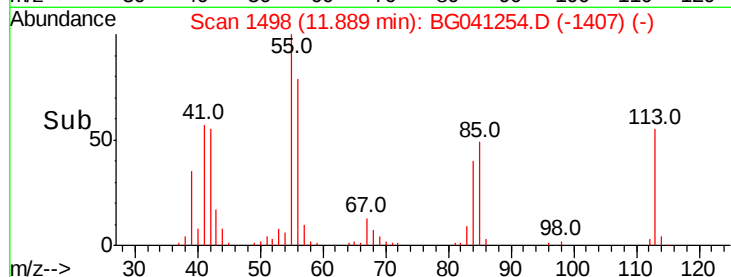
56 144.3 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.830 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

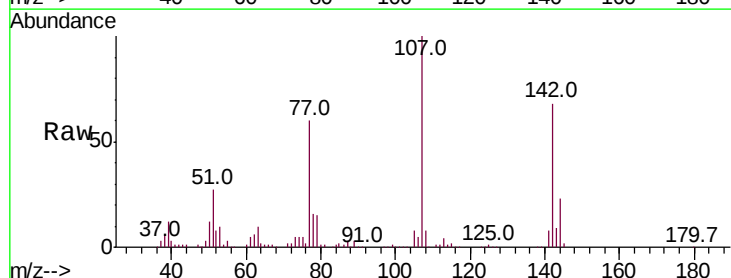
Tgt Ion:107 Resp: 212687

Ion Ratio Lower Upper

107 100

144 22.7 19.4 29.0

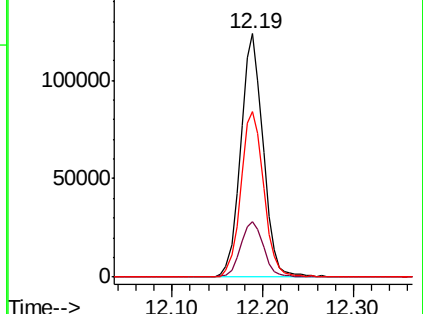
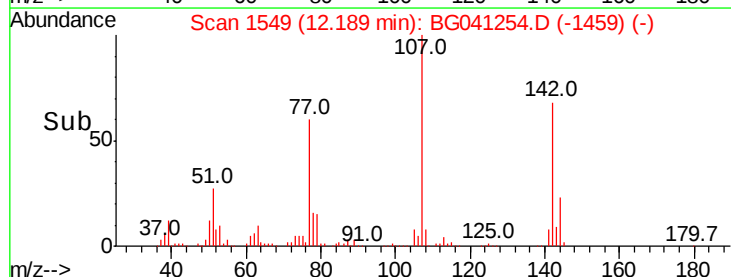
142 68.0 57.3 85.9

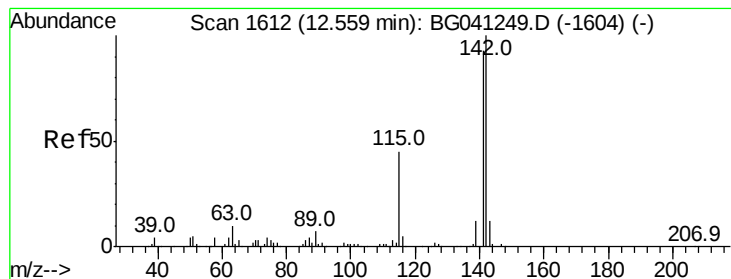


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.696 ng

RT: 12.56 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

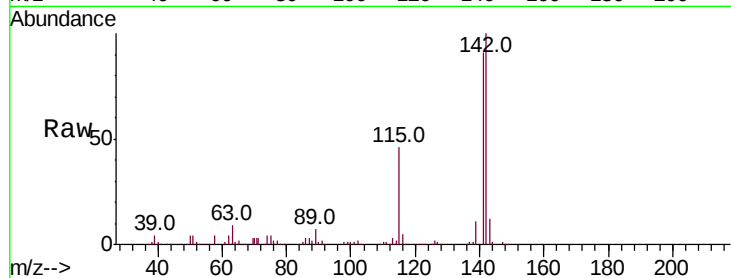
Tot Ion:142 Resp: 408659

Ion Ratio Lower Upper

142 100

141 91.3 72.2 108.4

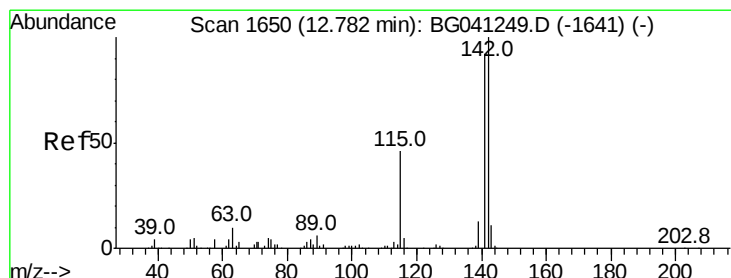
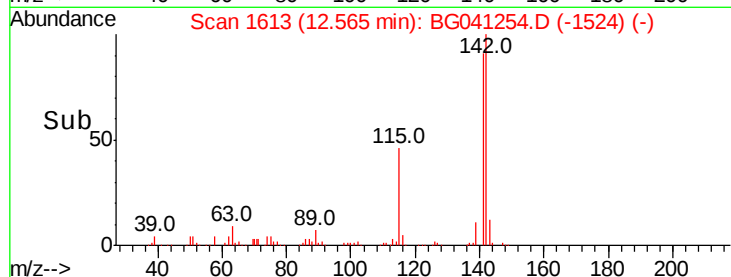
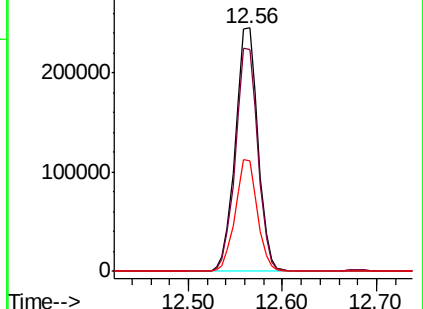
115 45.6 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.671 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

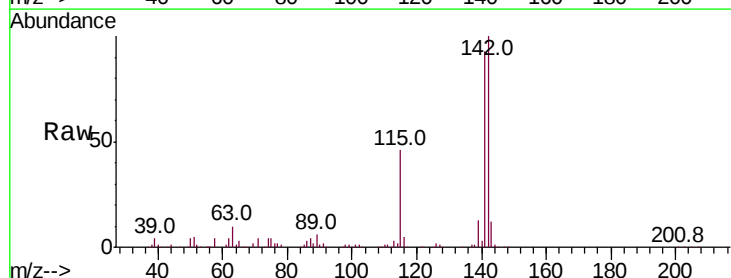
Tgt Ion:142 Resp: 385156

Ion Ratio Lower Upper

142 100

141 93.4 75.7 113.5

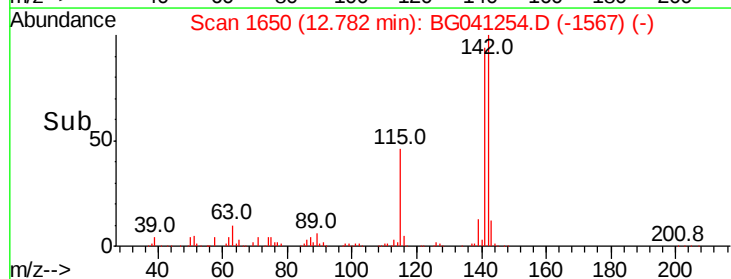
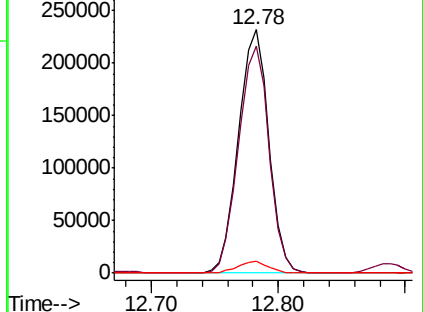
116 5.2 3.4 5.2

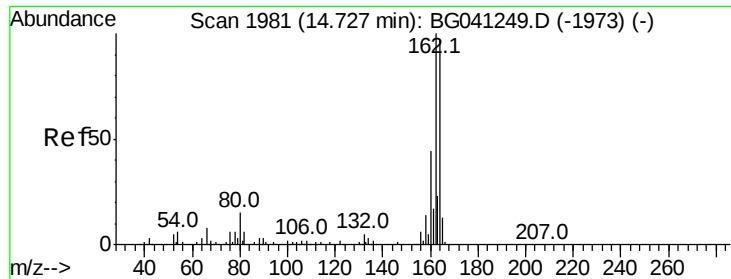


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

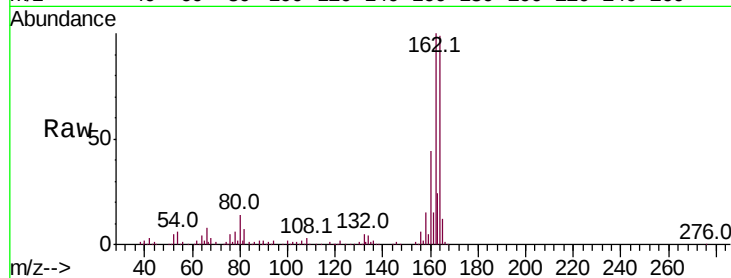
Tot Ion:164 Resp: 175371

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

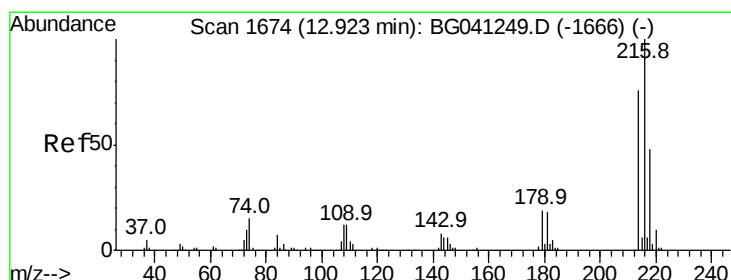
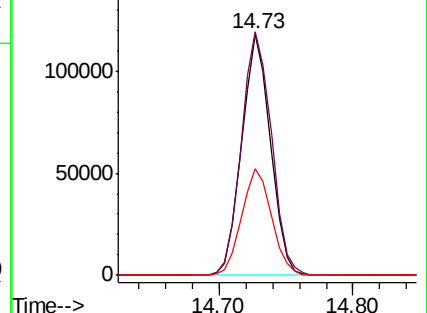
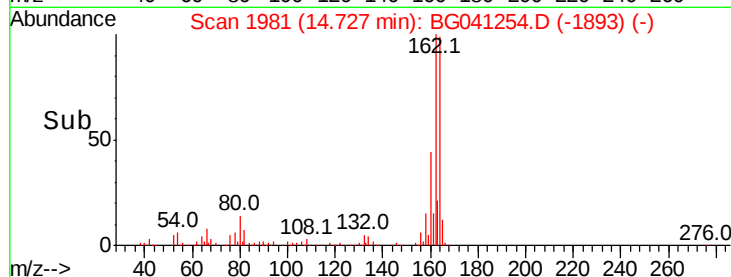
160 44.0 35.6 53.4



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: 39.898 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Tgt Ion:216 Resp: 304443

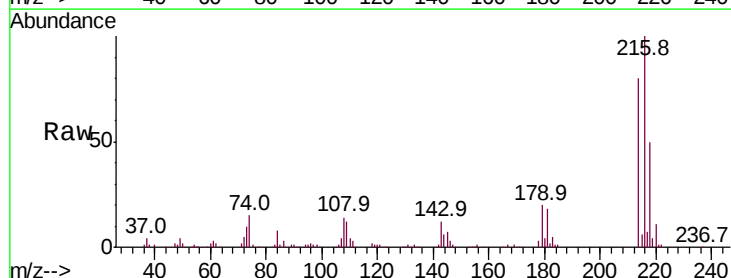
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 19.4 15.2 22.8

108 14.9 11.4 17.2

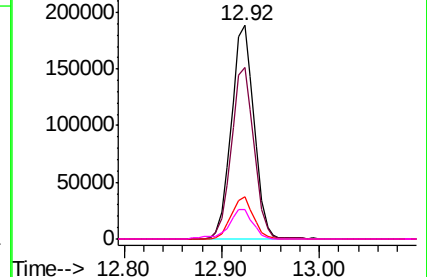
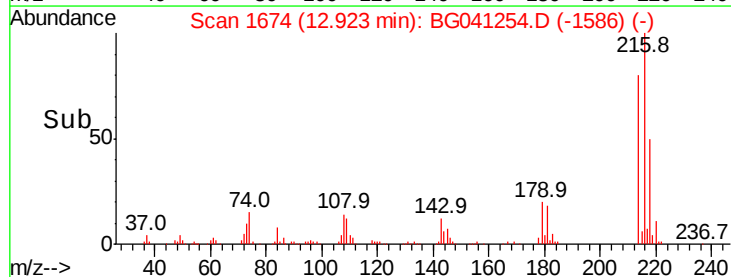


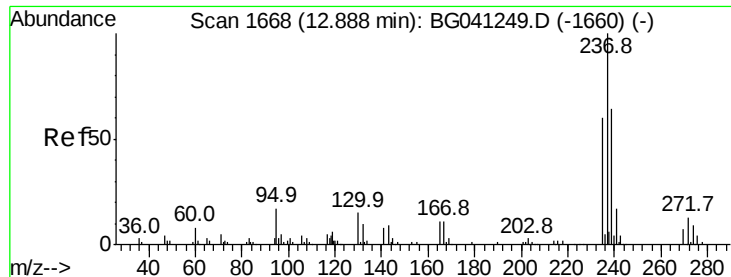
Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.129 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

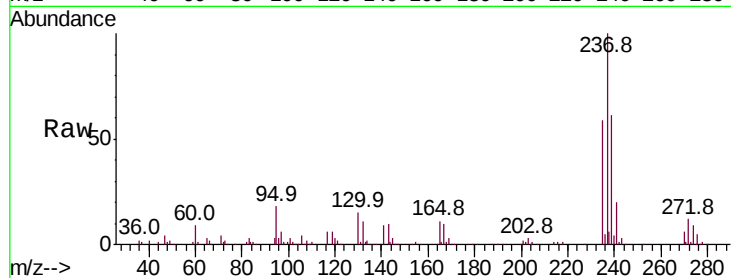
Tot Ion:237 Resp: 157789

Ion Ratio Lower Upper

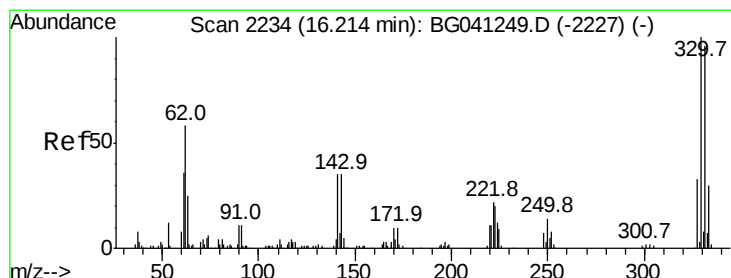
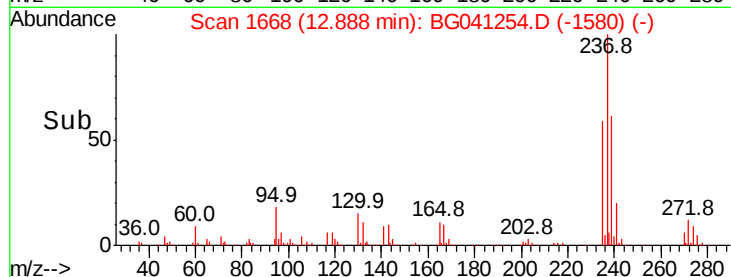
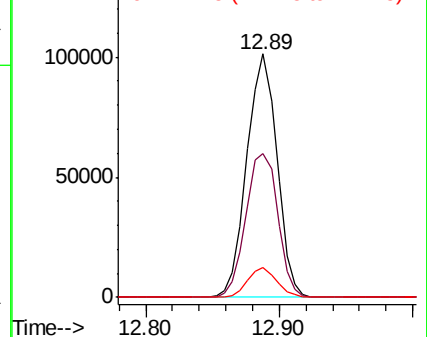
237 100

235 59.0 45.5 85.5

272 12.2 0.0 32.9



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: 85.582 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

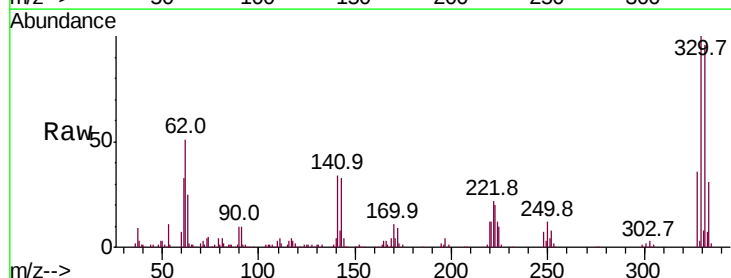
Tgt Ion:330 Resp: 207619

Ion Ratio Lower Upper

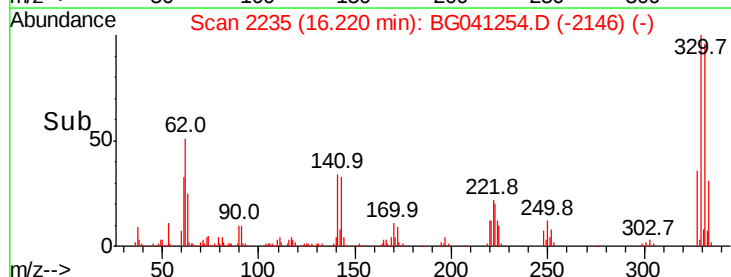
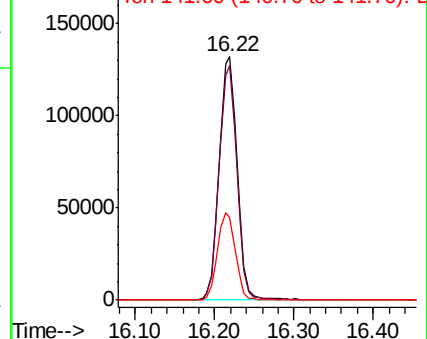
330 100

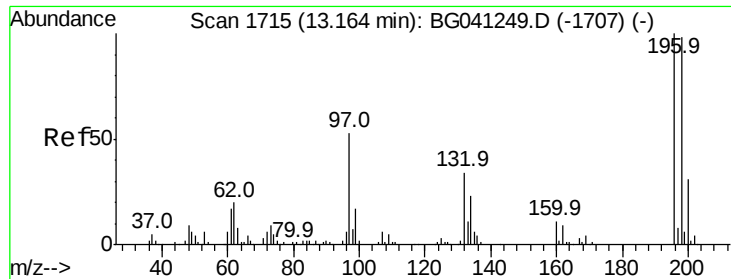
332 94.9 78.5 117.7

141 35.7 28.7 43.1



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

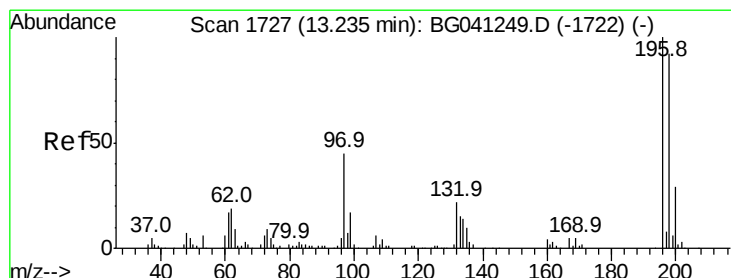
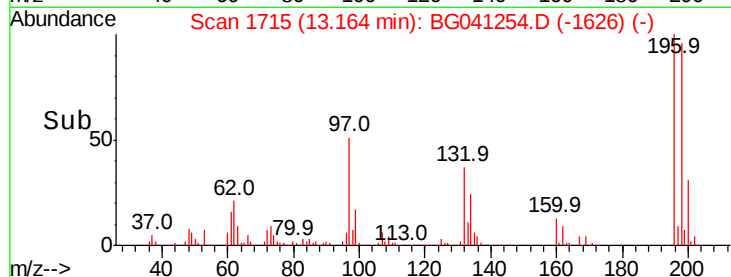
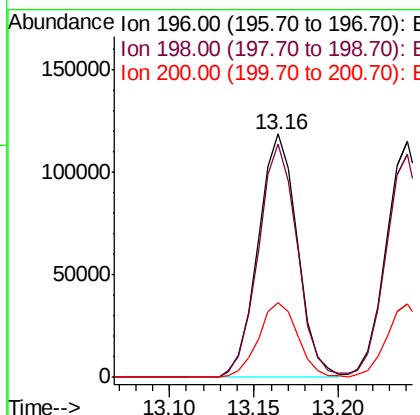
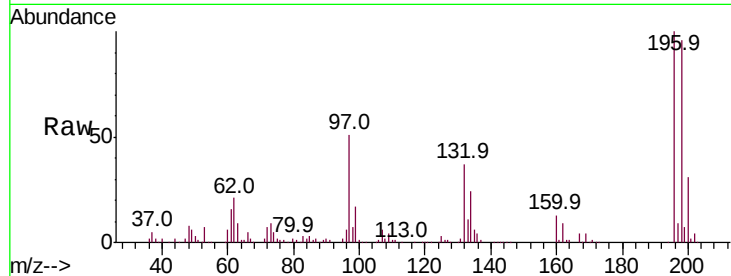




#43
 2,4,6-Trichlorophenol
 Concen: 41.631 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

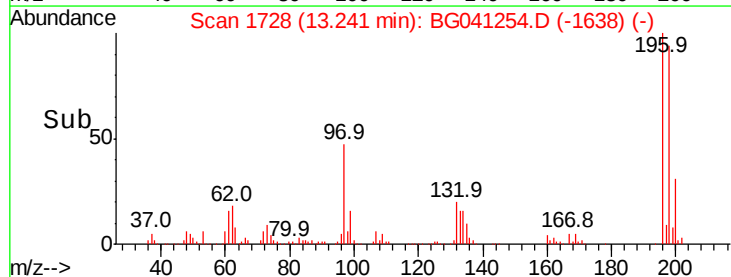
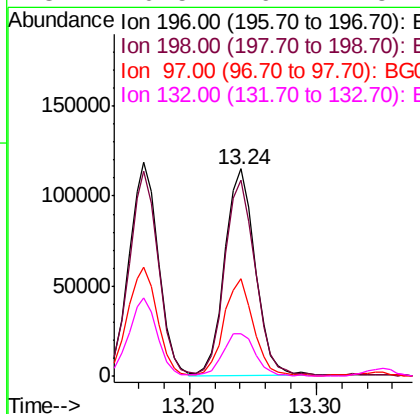
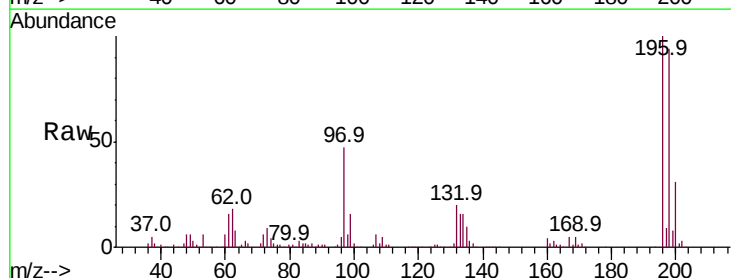
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

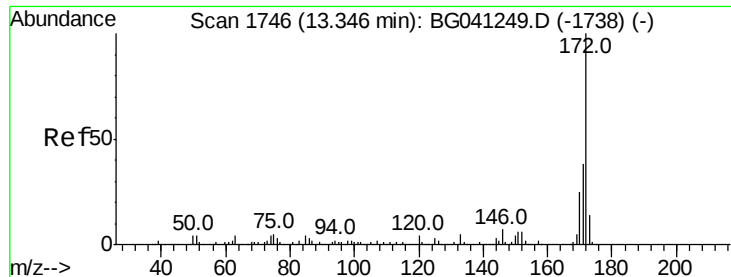
Tot Ion:196 Resp: 191143
 Ion Ratio Lower Upper
 196 100
 198 96.0 73.8 110.6
 200 30.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.599 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Tgt Ion:196 Resp: 190970
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.1 112.7
 97 47.3 35.6 53.4
 132 20.5 16.7 25.1

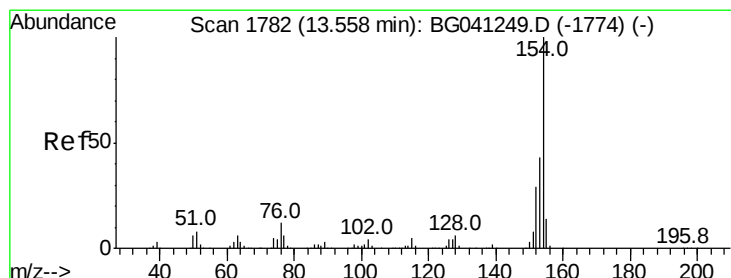
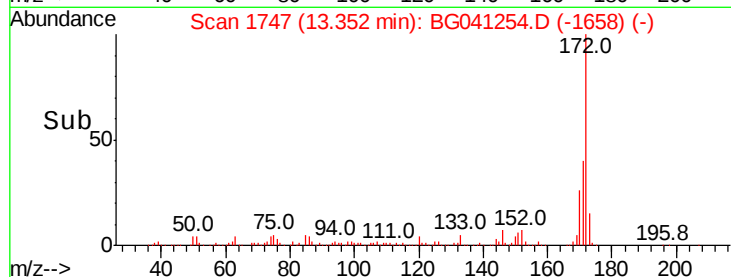
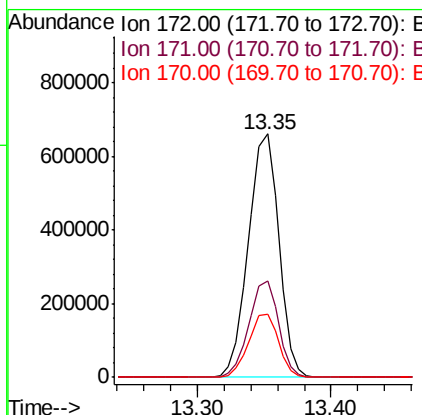
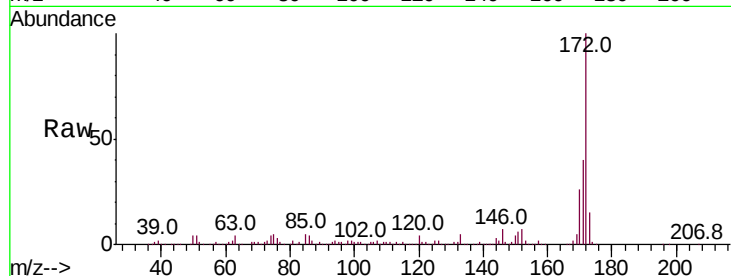




#45
2-Fluorobiphenyl
Concen: 78.295 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

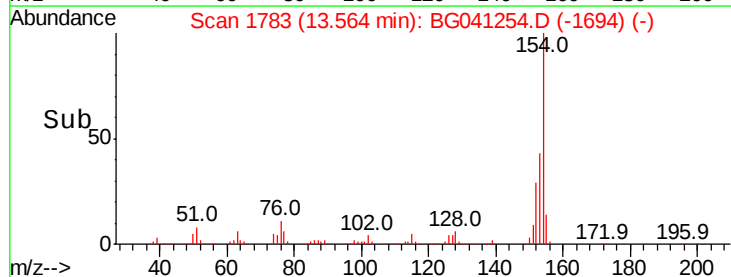
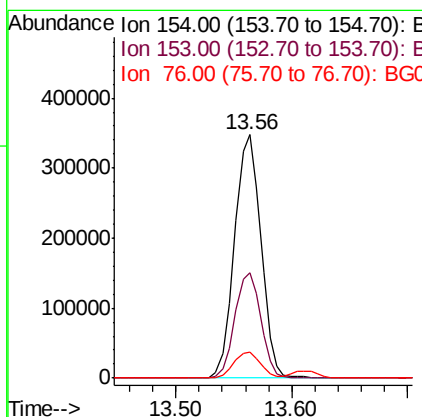
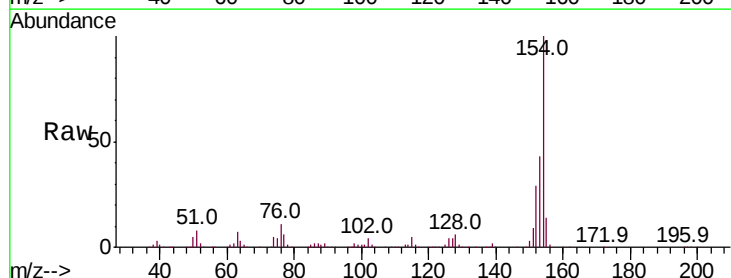
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

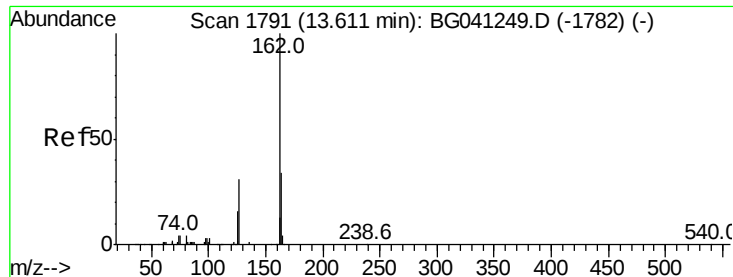
Tot Ion:172 Resp: 1037343
Ion Ratio Lower Upper
172 100
171 39.5 31.1 46.7
170 25.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.501 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:154 Resp: 549260
Ion Ratio Lower Upper
154 100
153 43.1 23.3 63.3
76 10.8 0.0 31.1

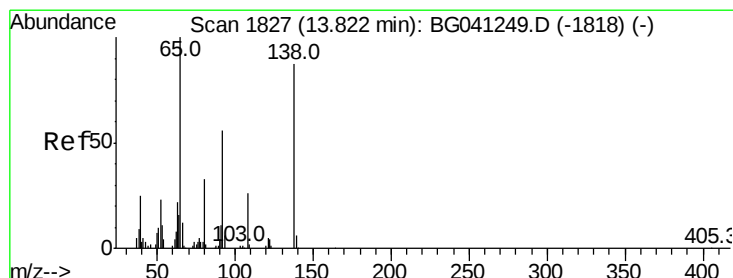
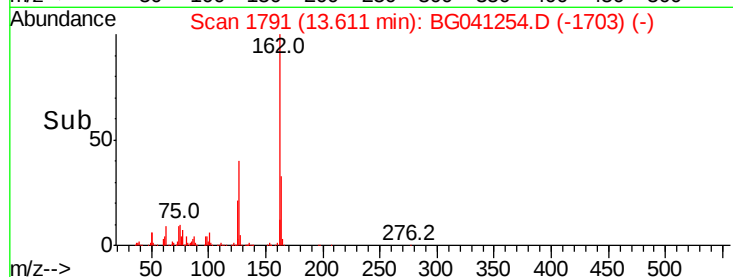
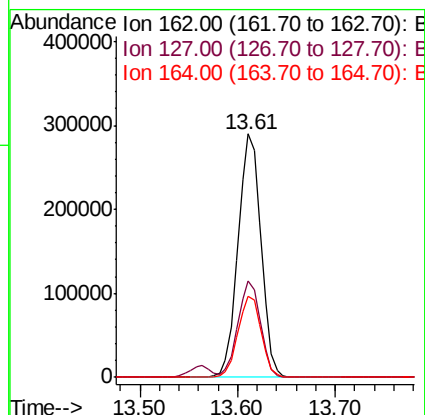
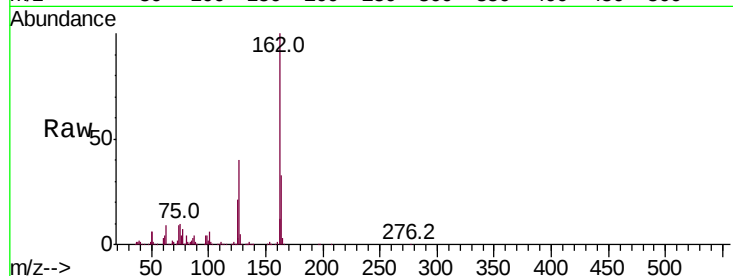




#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

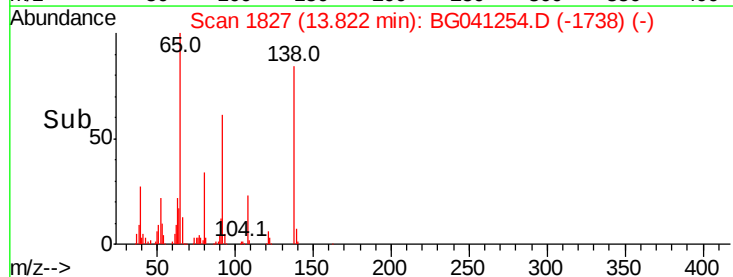
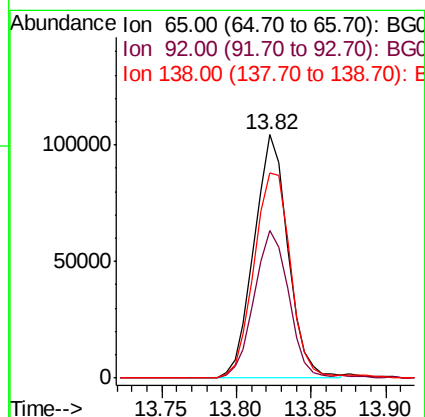
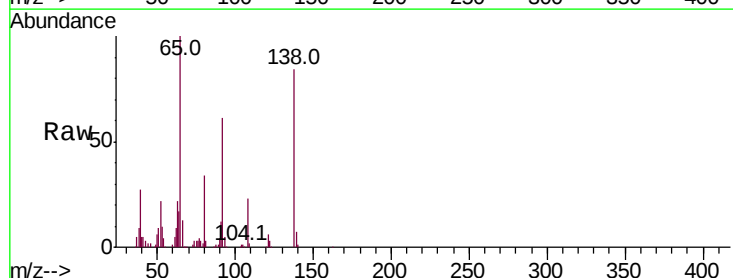
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

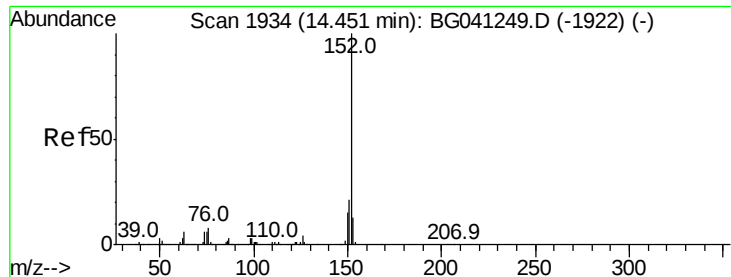
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.5	45.7
164	33.2	25.8	38.6



#48
2-Nitroaniline
Concen: 40.039 ng
RT: 13.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	51.0	76.6
138	84.4	71.2	106.8





#49

Acenaphthylene

Concen: 39.580 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

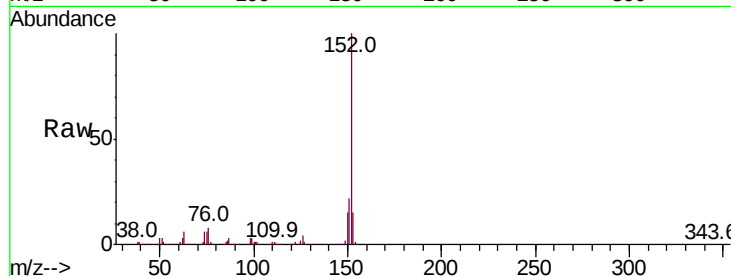
Tot Ion:152 Resp: 672344

Ion Ratio Lower Upper

152 100

151 22.4 17.4 26.0

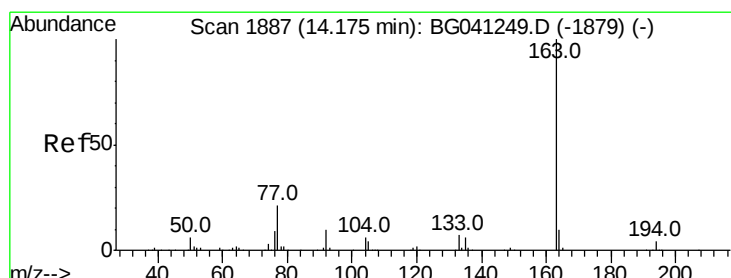
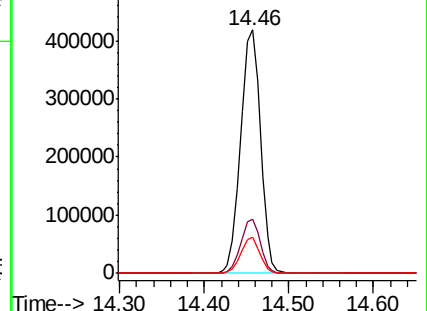
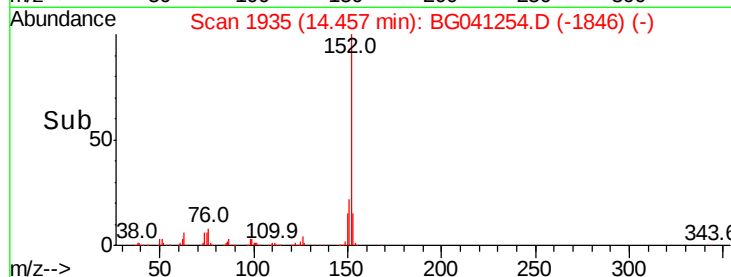
153 14.6 11.0 16.4



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: 40.596 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

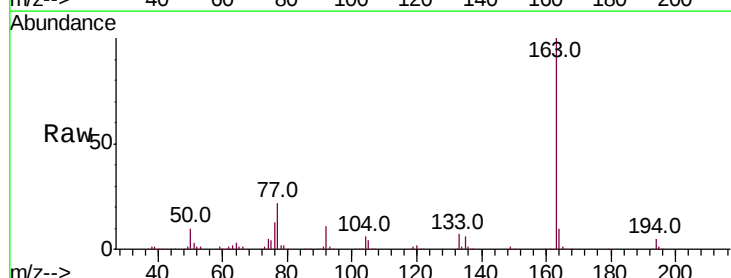
Tgt Ion:163 Resp: 600069

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

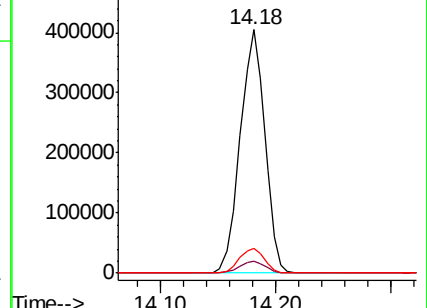
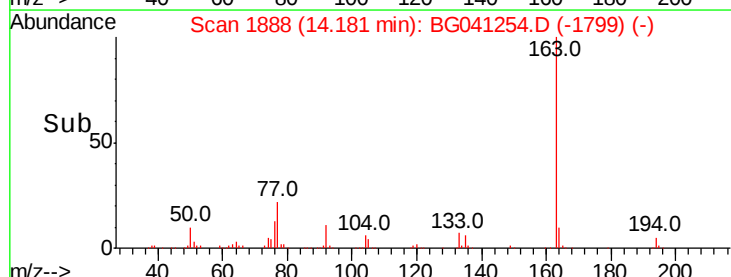
164 10.3 8.7 13.1

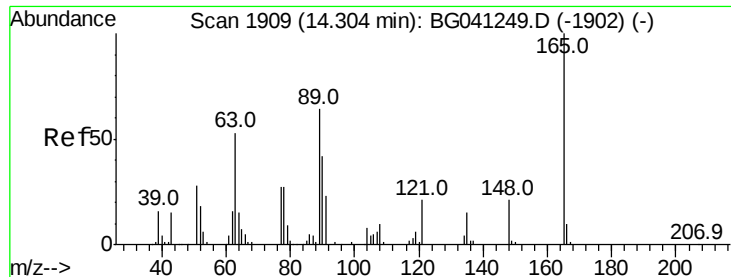


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.887 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

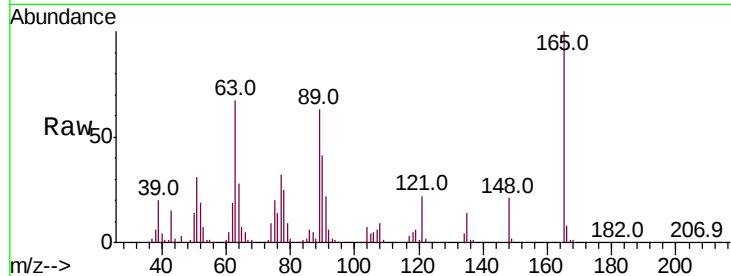
Tot Ion:165 Resp: 129667

Ion Ratio Lower Upper

165 100

63 67.0 53.6 80.4

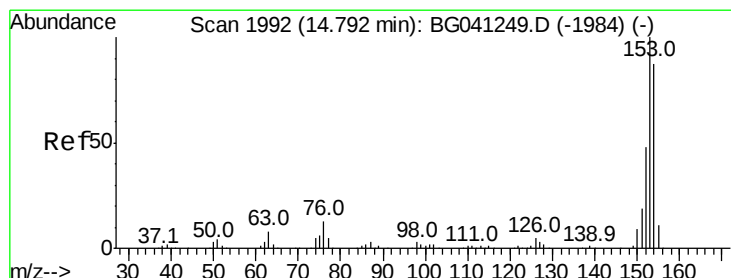
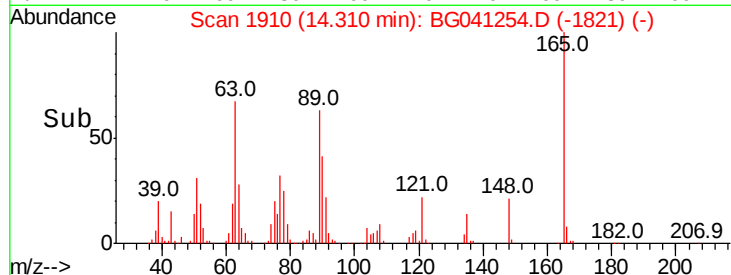
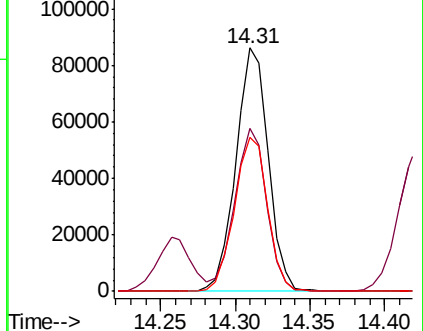
89 63.1 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.908 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

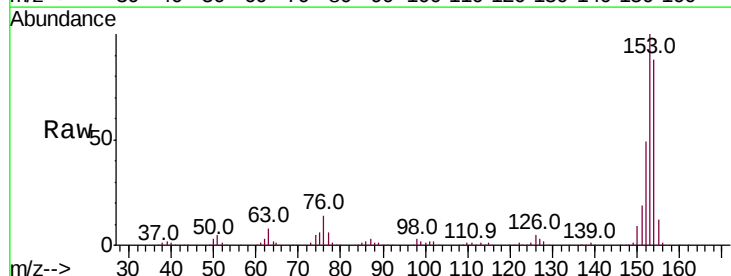
Tgt Ion:154 Resp: 405824

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

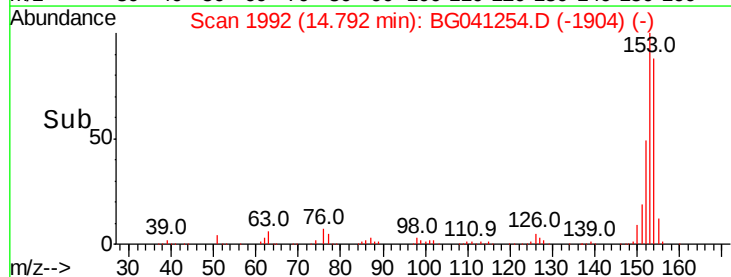
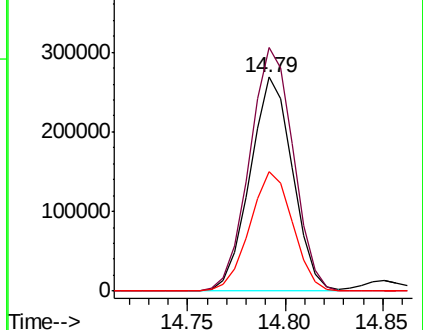
152 55.9 44.2 66.4

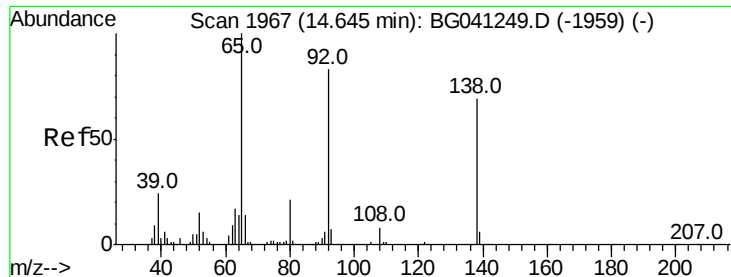


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

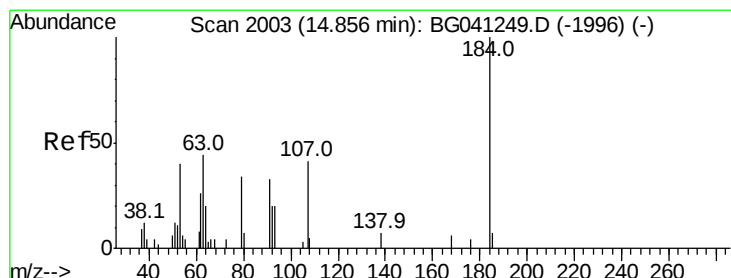
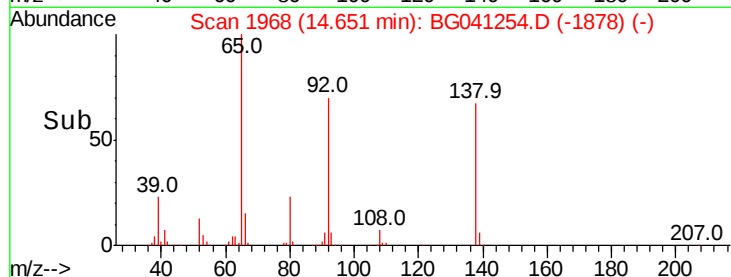
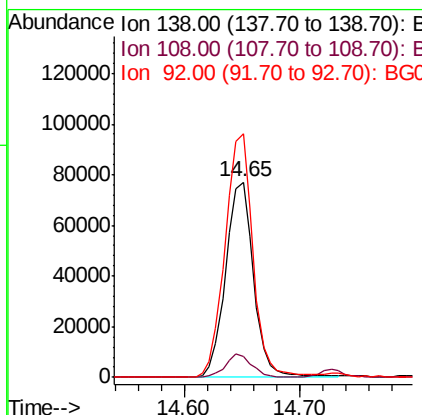
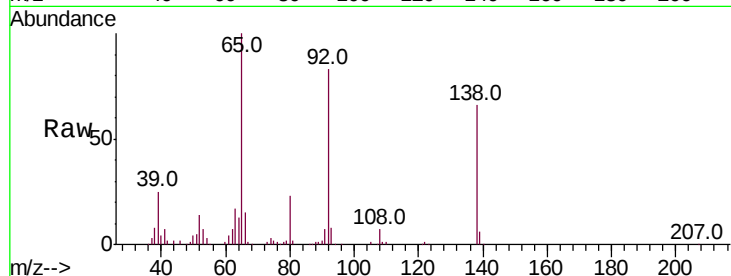




#53
3-Nitroaniline
Concen: 42.372 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

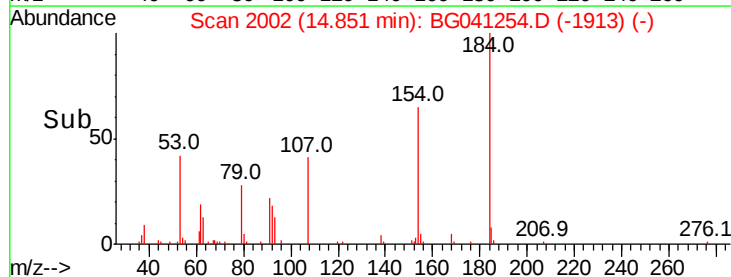
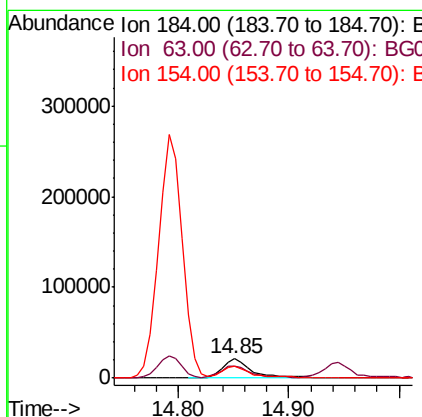
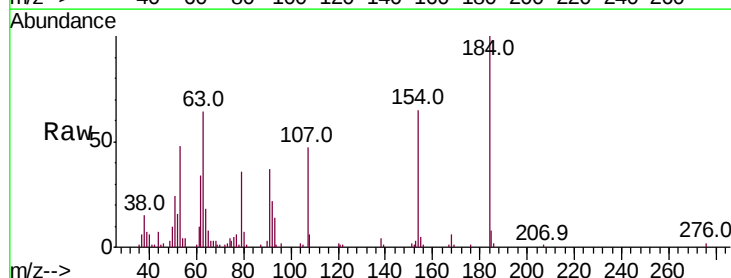
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

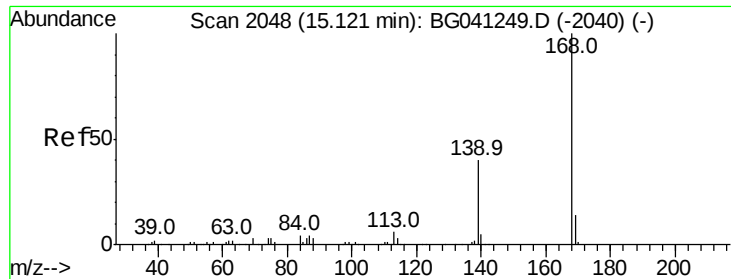
Tot Ion:138 Resp: 129840
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 124.6 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 55.962 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:184 Resp: 39312
Ion Ratio Lower Upper
184 100
63 64.2 49.8 74.6
154 65.4 52.2 78.4





#55

Dibenzofuran

Concen: 40.128 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

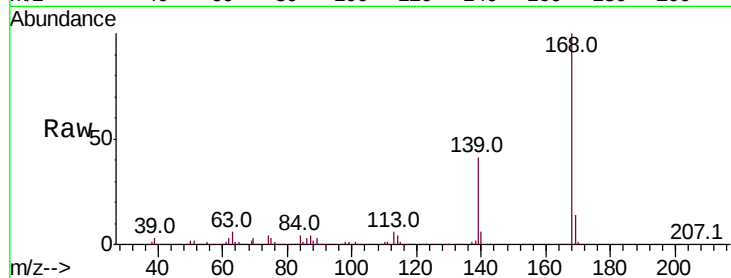
Tot Ion:168 Resp: 690527

Ion Ratio Lower Upper

168 100

139 40.9 32.8 49.2

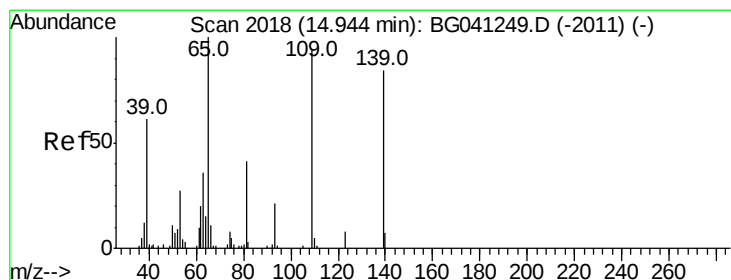
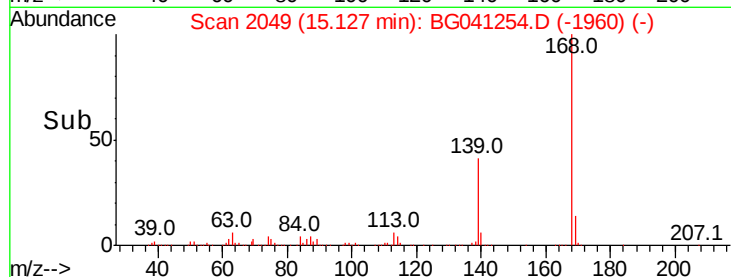
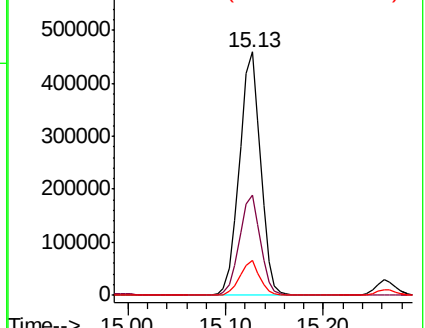
169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.830 ng

RT: 14.94 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

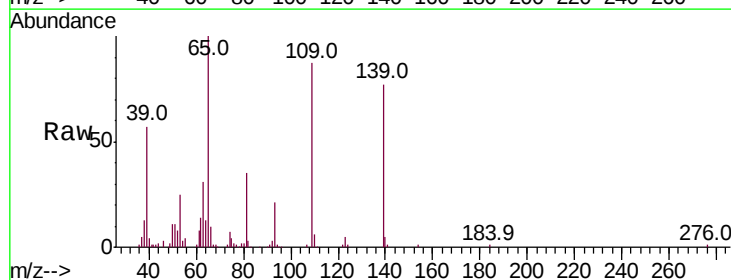
Tgt Ion:139 Resp: 76853

Ion Ratio Lower Upper

139 100

109 112.3 79.6 119.6

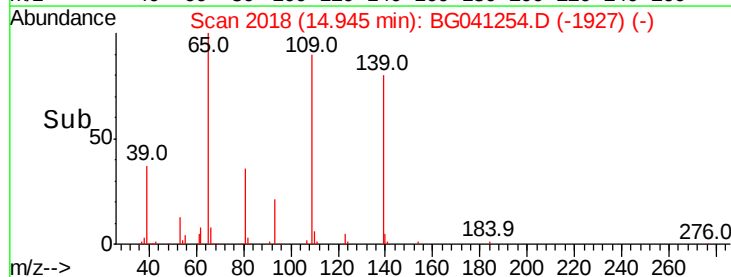
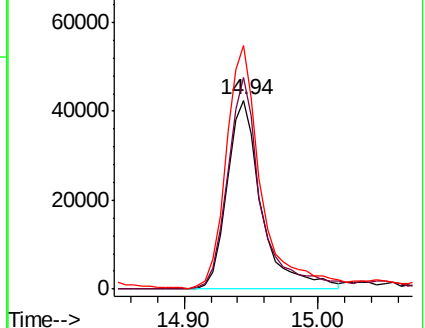
65 129.1 96.9 136.9

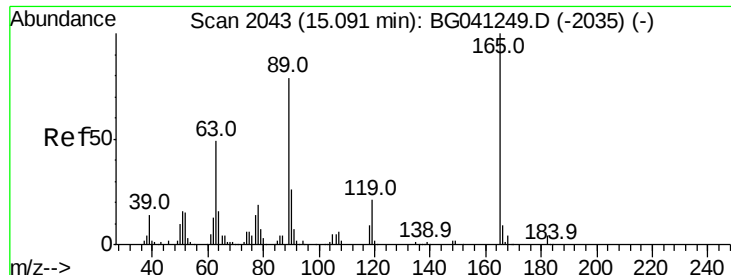


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 40.957 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

Tot Ion:165 Resp: 180198

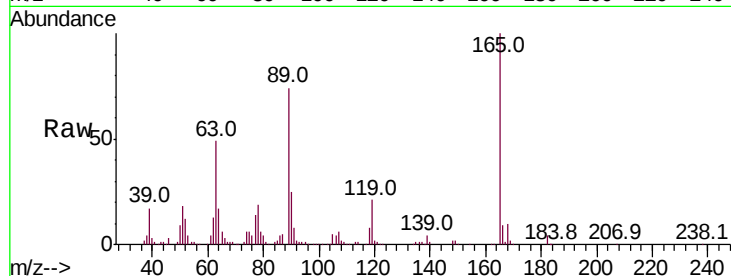
Ion Ratio Lower Upper

165 100

63 49.3 37.3 55.9

89 73.5 61.0 91.6

182 3.6 2.2 3.2#

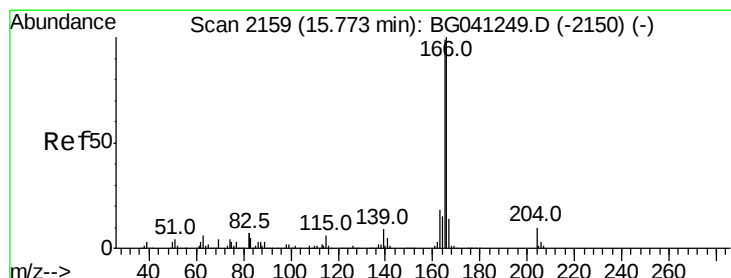
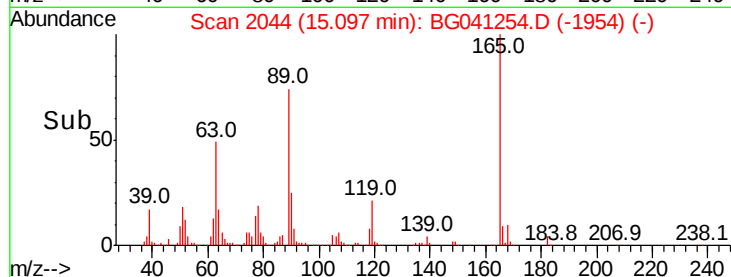
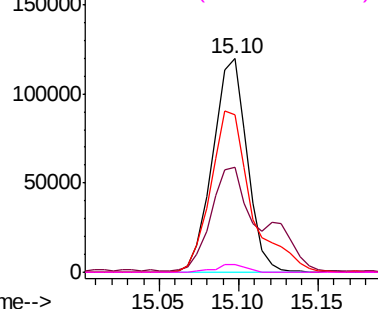


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.358 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

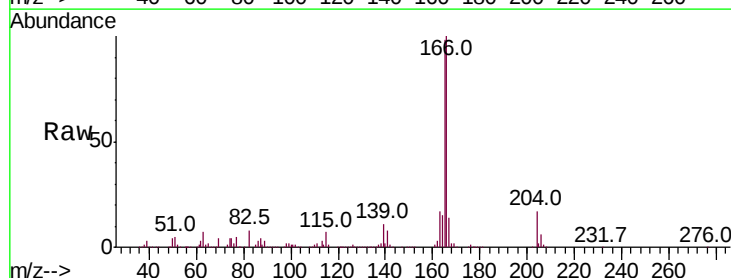
Tgt Ion:166 Resp: 539214

Ion Ratio Lower Upper

166 100

165 98.2 79.2 118.8

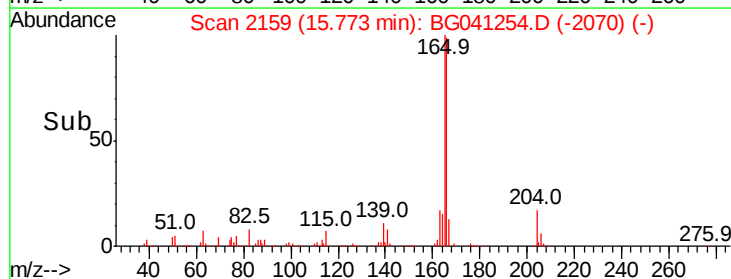
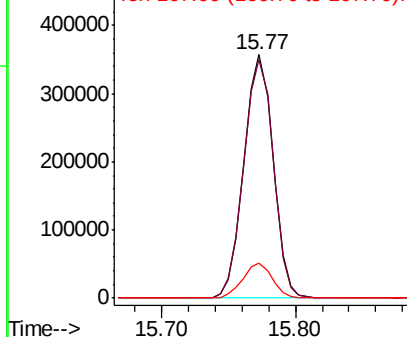
167 14.2 11.8 17.6

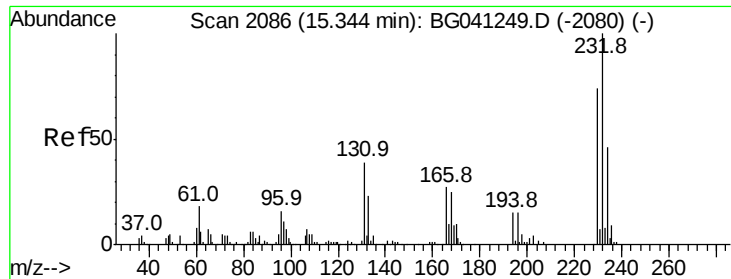


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

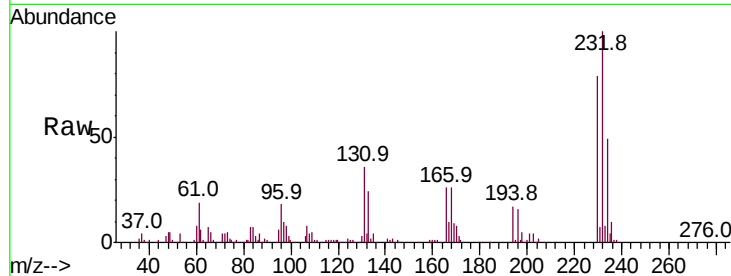




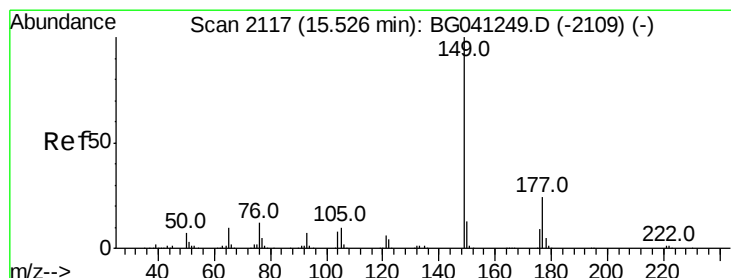
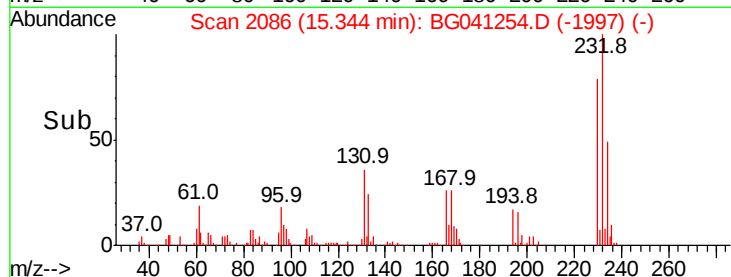
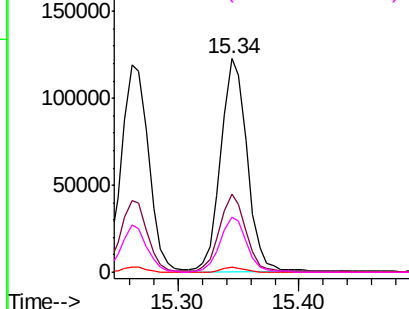
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.900 ng
RT: 15.34 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:	232	Resp:	184866
Ion	Ratio	Lower	Upper
232	100		
131	38.1	30.3	45.5
130	2.2	1.8	2.8
166	26.4	21.3	31.9

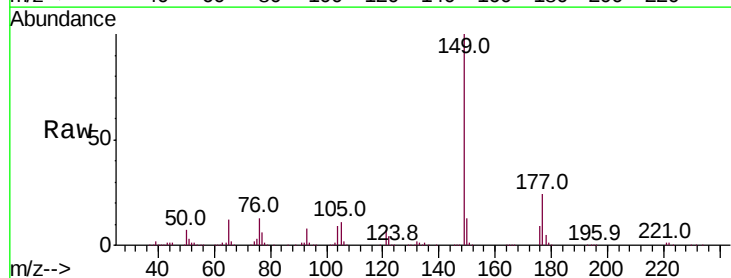


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

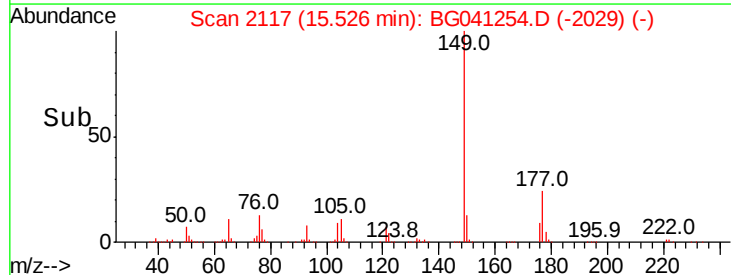
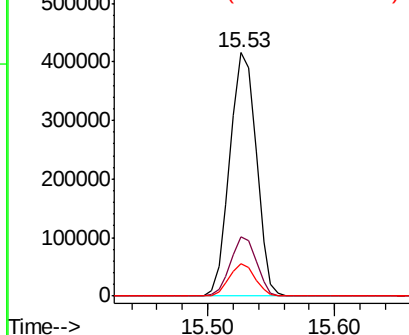


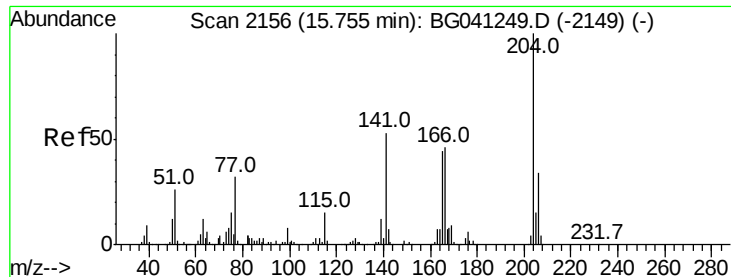
#60
Diethylphthalate
Concen: 41.146 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:	149	Resp:	600659
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.4	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

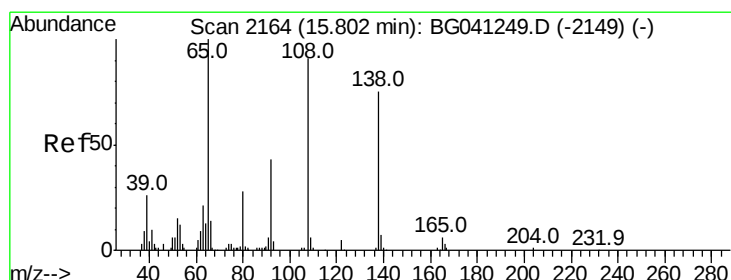
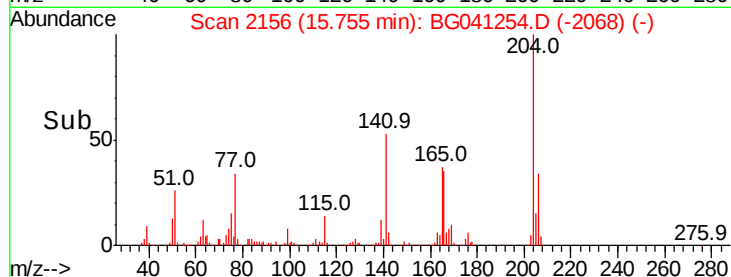
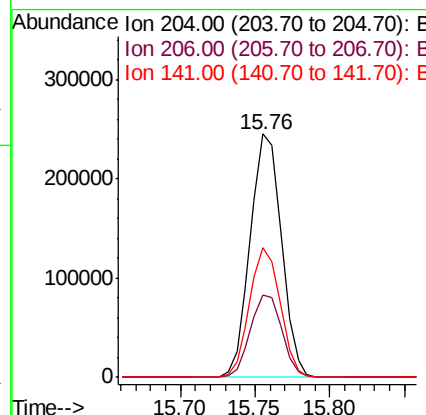
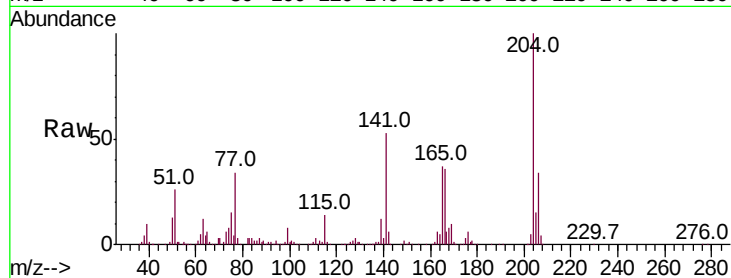




#61
4-Chlorophenyl-phenylether
Concen: 40.647 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

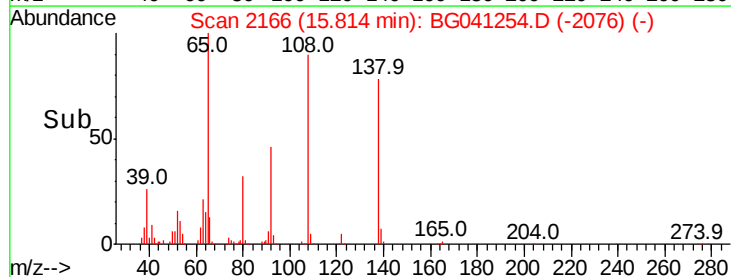
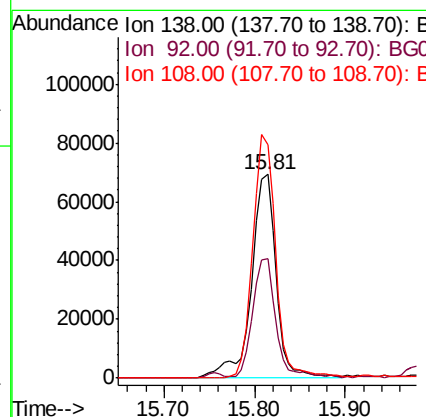
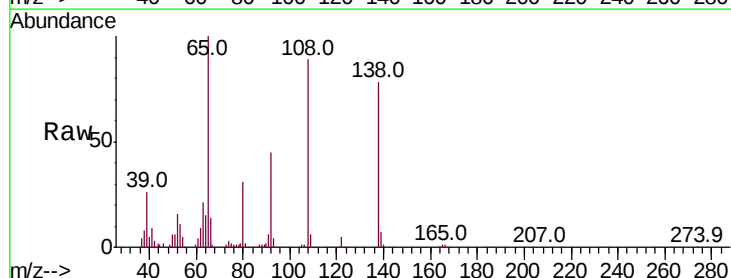
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

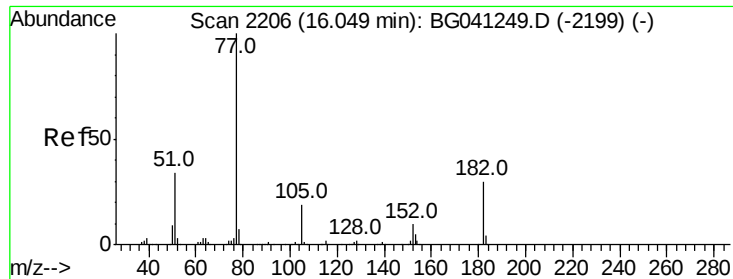
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.6	41.4
141	53.1	45.1	67.7



#62
4-Nitroaniline
Concen: 42.038 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	42.4	82.4
108	114.9	96.9	136.9





#63

Azobenzene

Concen: 40.395 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

Tot Ion: 77 Resp: 531461

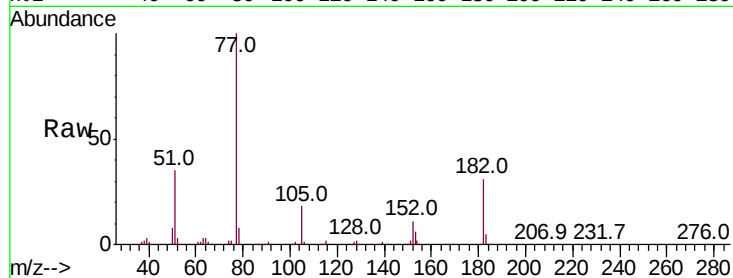
Ion Ratio Lower Upper

77 100

182 31.3 9.6 49.6

105 18.1 0.0 37.5

51 35.0 13.7 53.7

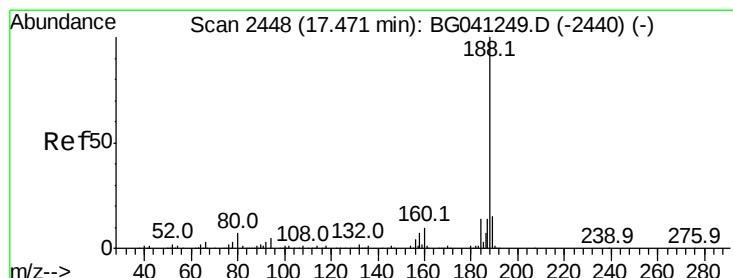
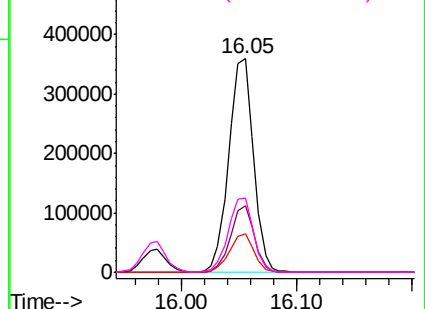
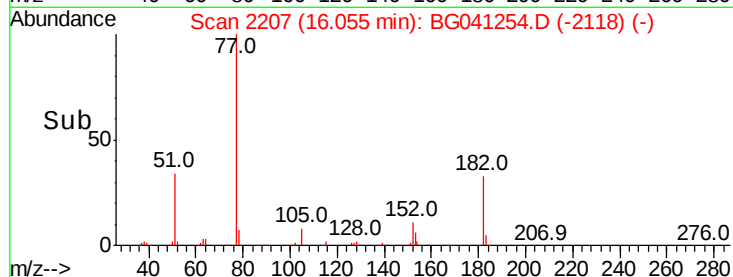


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

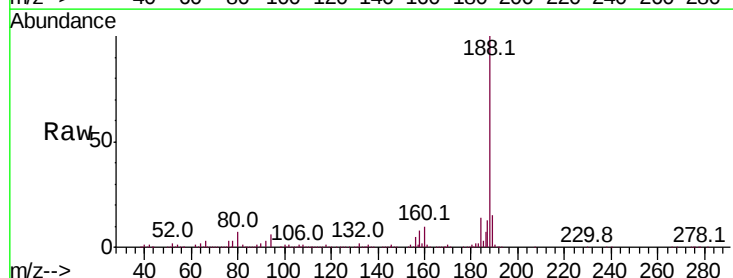
Tgt Ion: 188 Resp: 420641

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

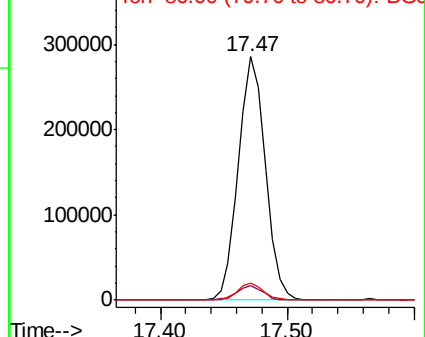
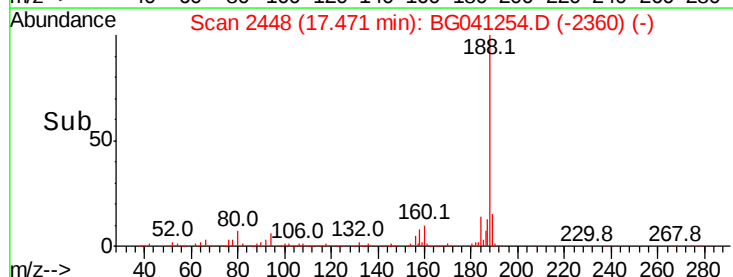
80 7.2 5.8 8.8

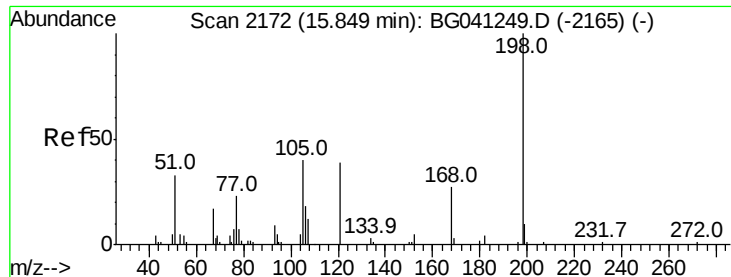


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

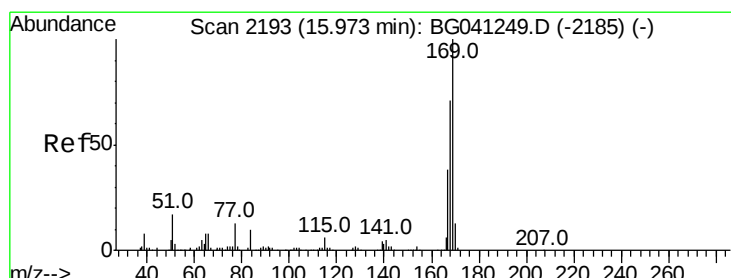
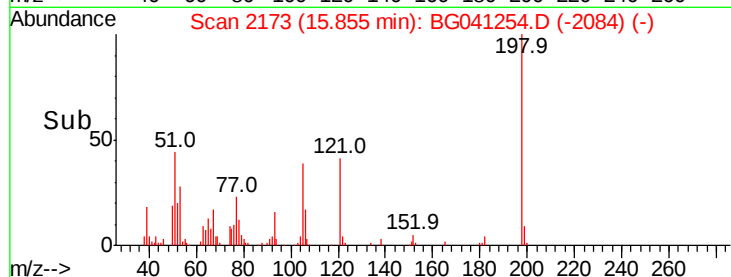
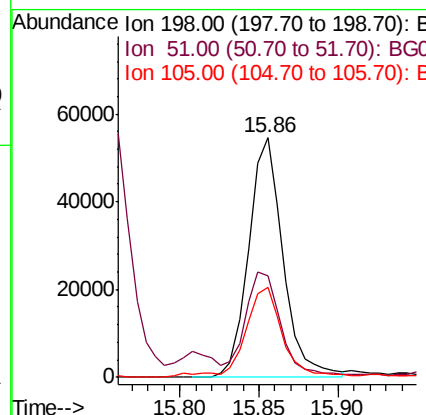
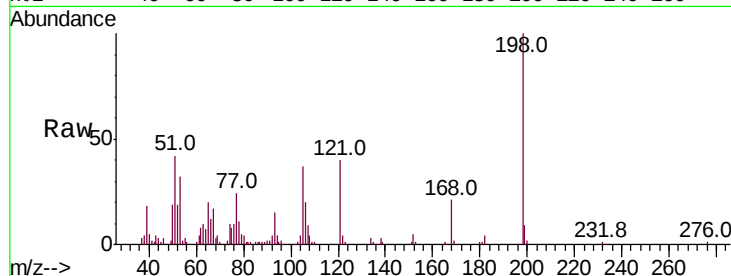




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.921 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

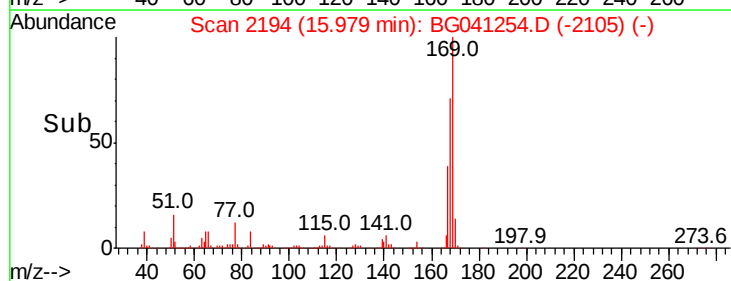
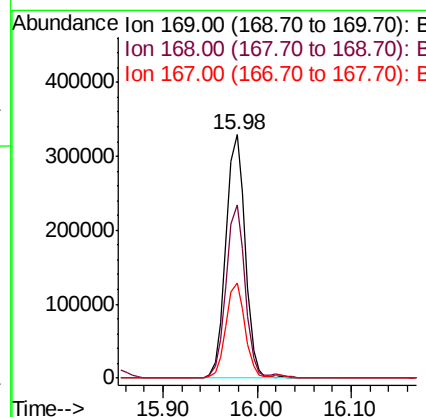
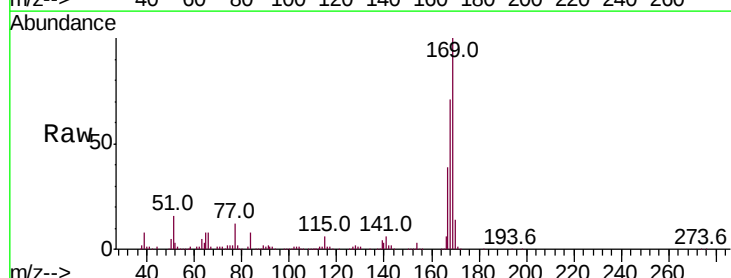
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

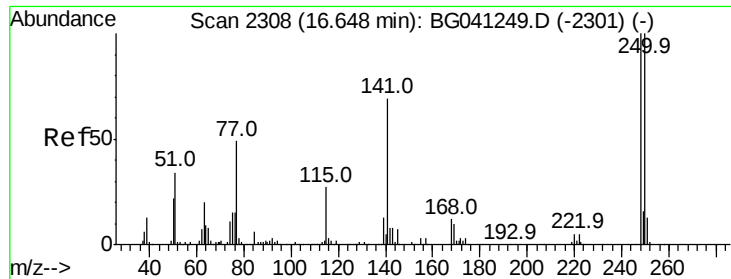
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	21.6	61.6
105	37.4	17.5	57.5



#66
 n-Nitrosodiphenylamine
 Concen: 40.448 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	39.3	30.2	45.2

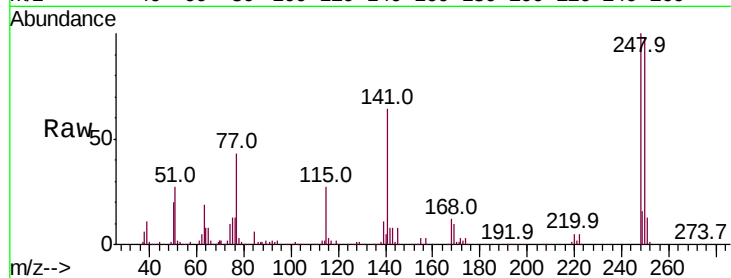




#67
 4-Bromophenyl-phenylether
 Concen: 41.297 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061419

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.0	112.4
141	64.3	52.4	78.6

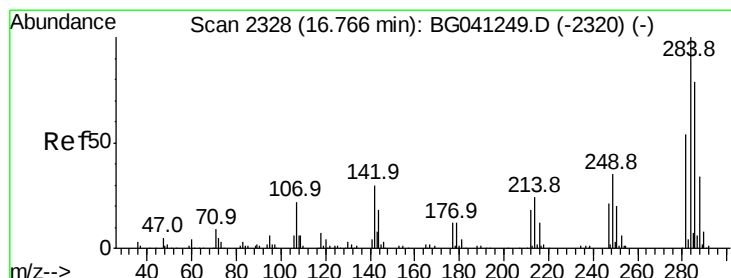
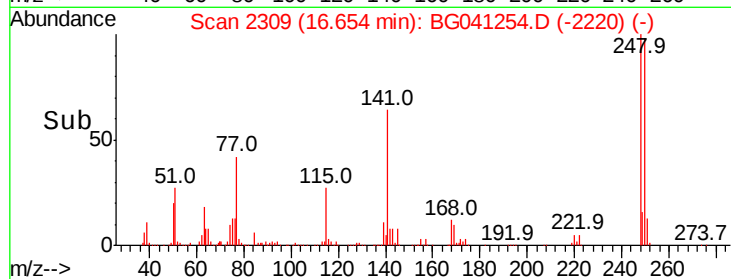
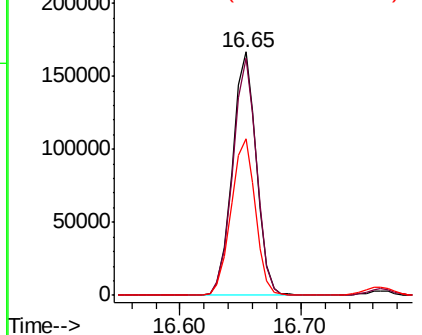


Abundance

Ion 248.00 (247.70 to 248.70): E

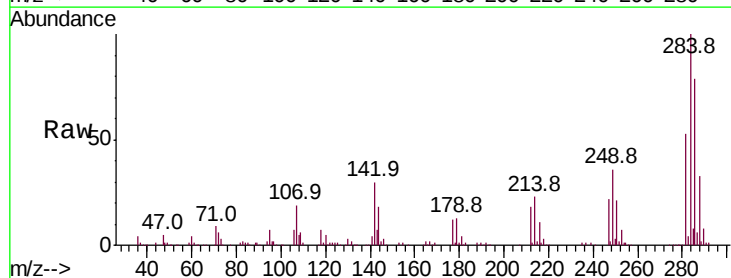
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.136 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. -0.01 min
 Lab File: BG041254.D
 Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.9	35.9
249	35.8	26.8	40.2

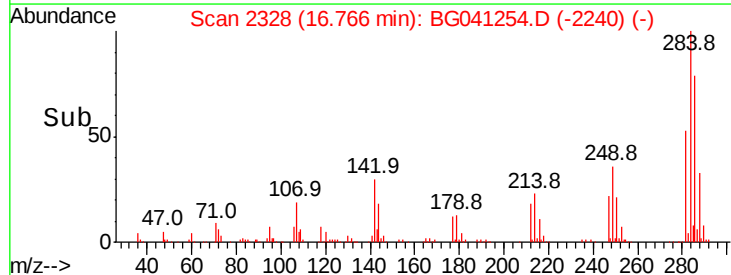
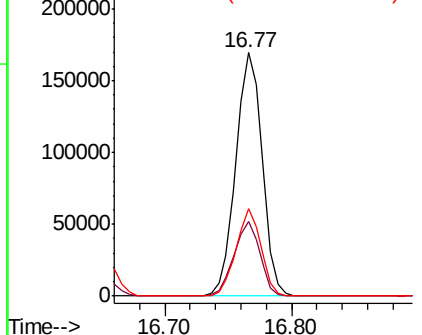


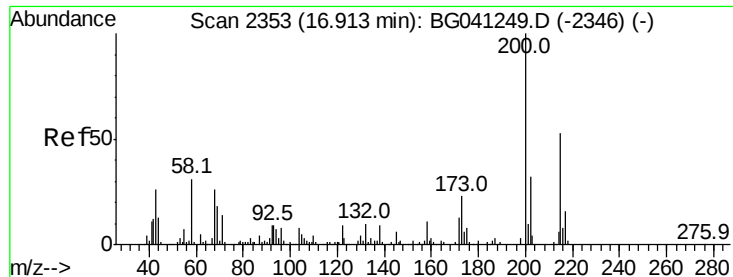
Abundance

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: 42.365 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

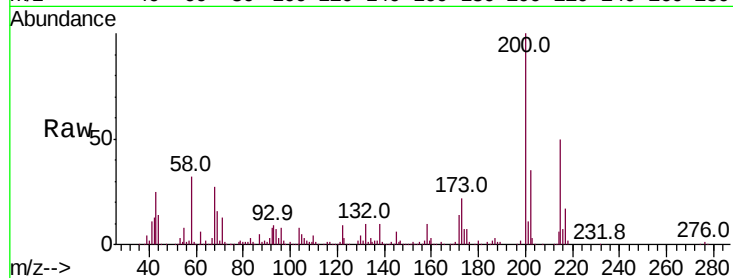
Tot Ion:200 Resp: 175582

Ion Ratio Lower Upper

200 100

173 22.5 3.6 43.6

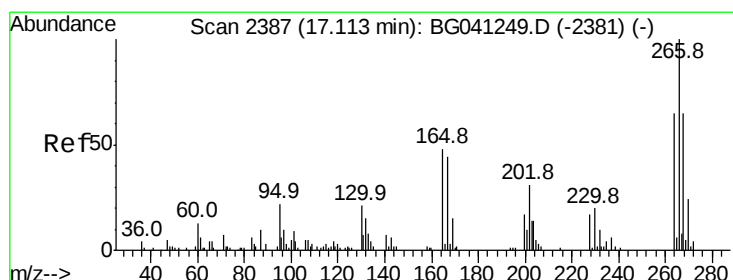
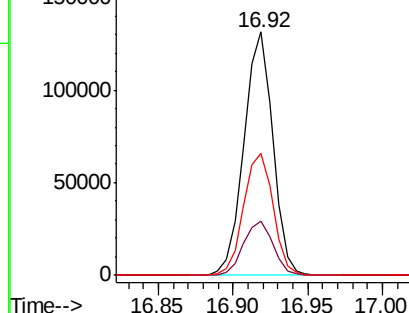
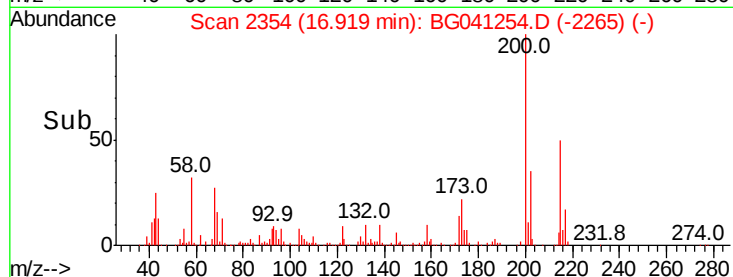
215 50.1 29.6 69.6



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: 45.976 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

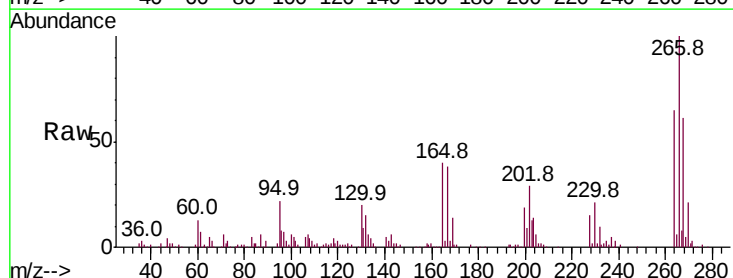
Tgt Ion:266 Resp: 109244

Ion Ratio Lower Upper

266 100

268 66.3 53.1 79.7

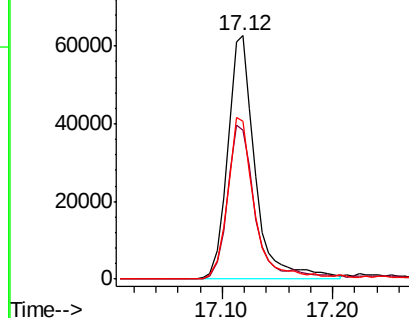
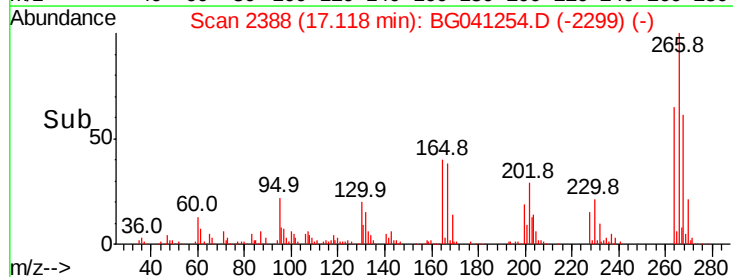
264 65.0 49.9 74.9

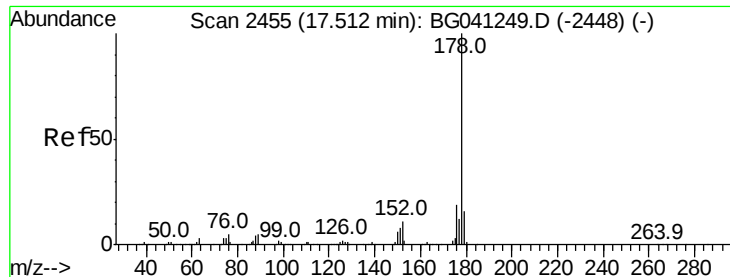


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

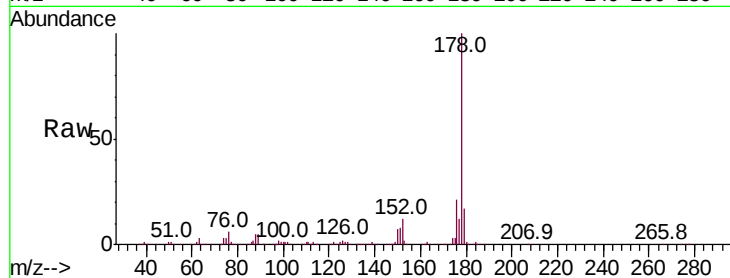




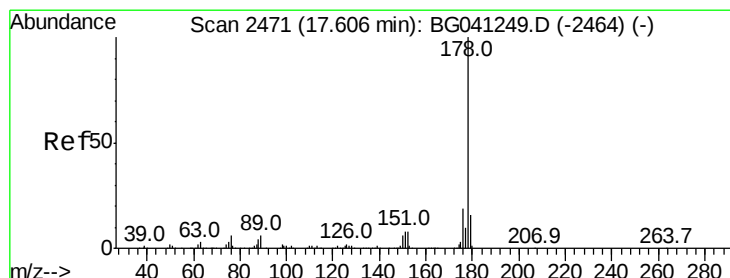
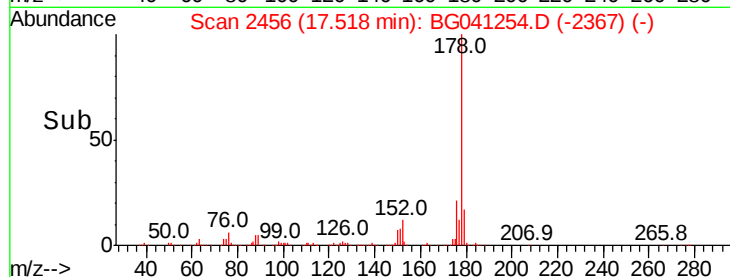
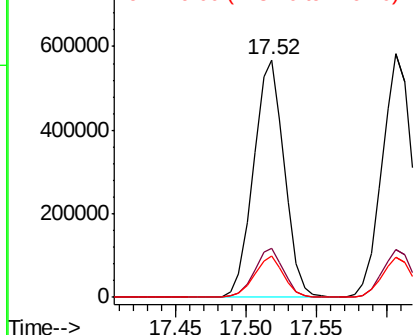
#71
Phenanthrene
Concen: 39.268 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.5	23.3
179	17.4	12.7	19.1

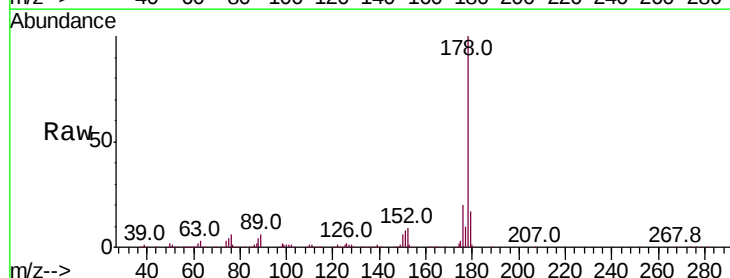


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

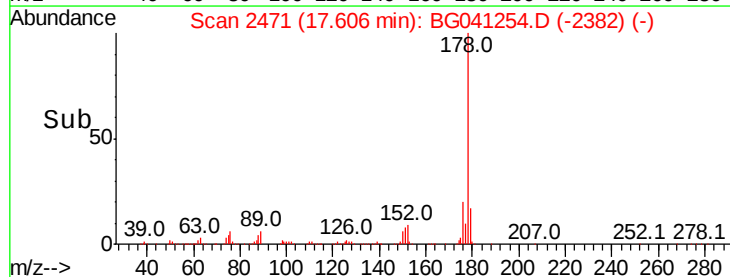
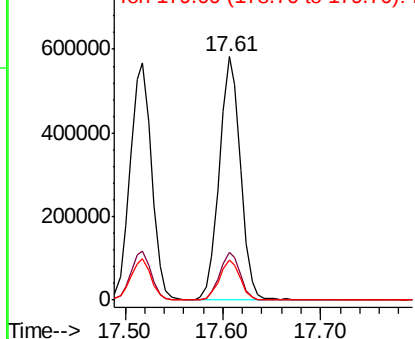


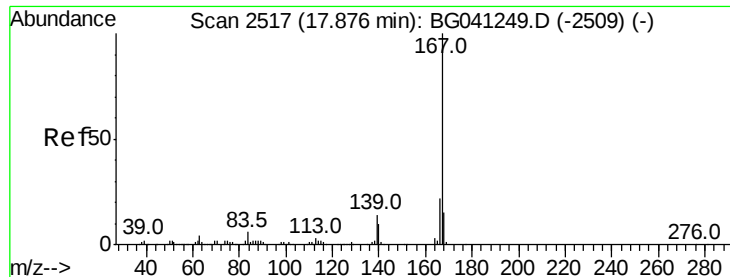
#72
Anthracene
Concen: 39.739 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.5	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: 39.854 ng

RT: 17.88 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

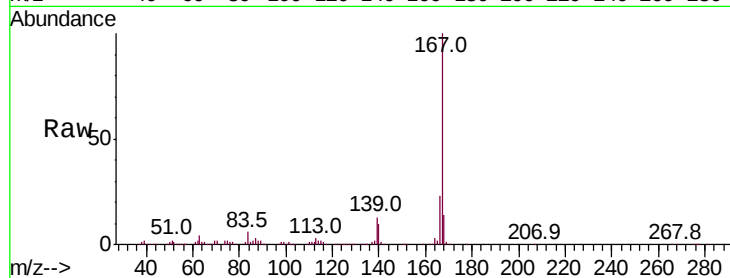
Tot Ion:167 Resp: 747416

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

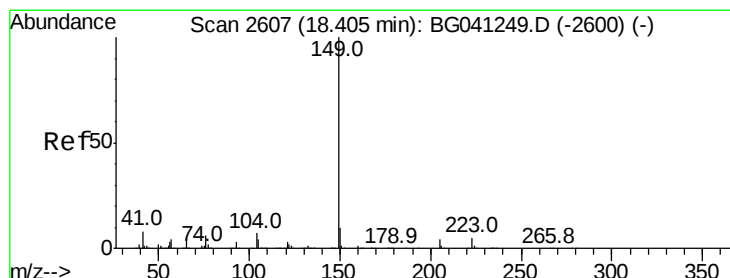
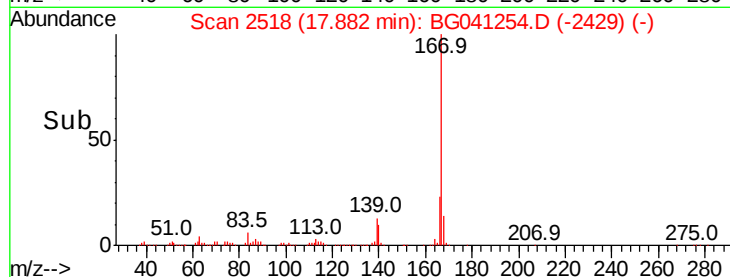
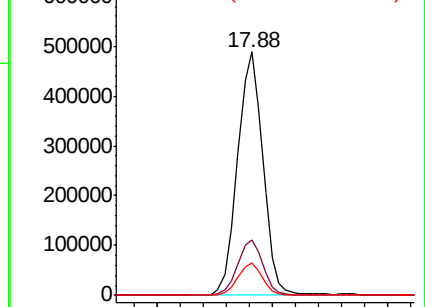
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.159 ng

RT: 18.41 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

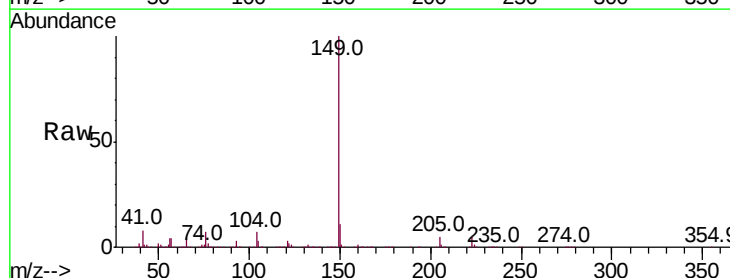
Tgt Ion:149 Resp: 935690

Ion Ratio Lower Upper

149 100

150 10.6 7.4 11.2

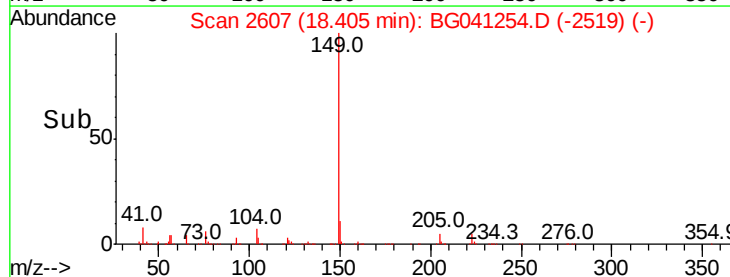
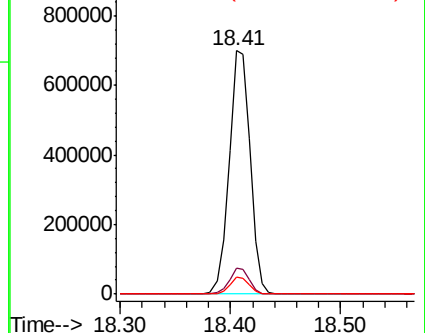
104 6.8 5.0 7.4

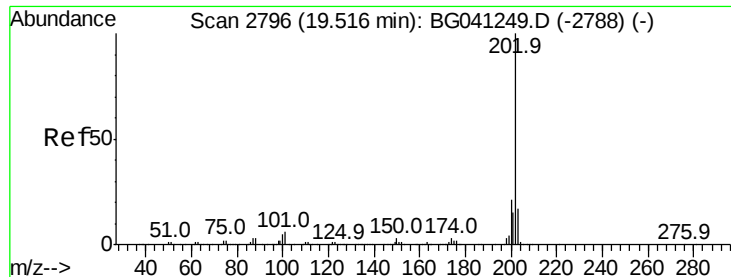


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.464 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

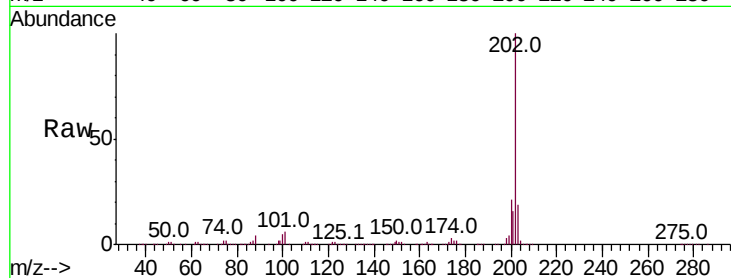
BNA_G

ClientSampleId :

ICVBG061419

Tot Ion:202 Resp: 1111937

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.2
203	18.7	0.0	38.7

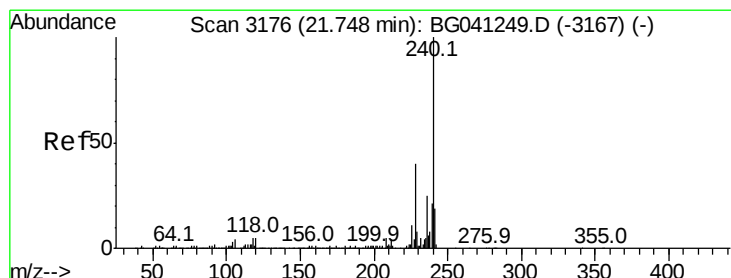
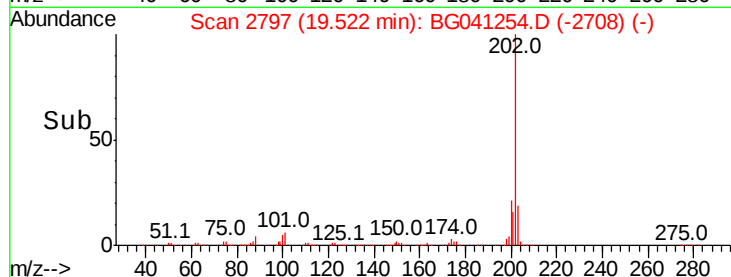
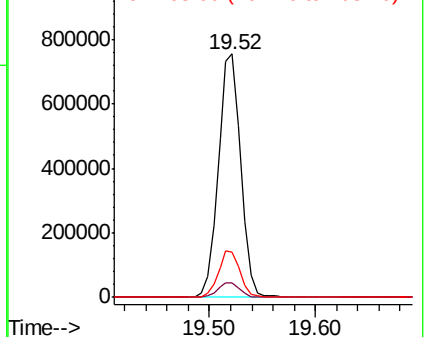


Abundance

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: 21.75 min Scan# 3177

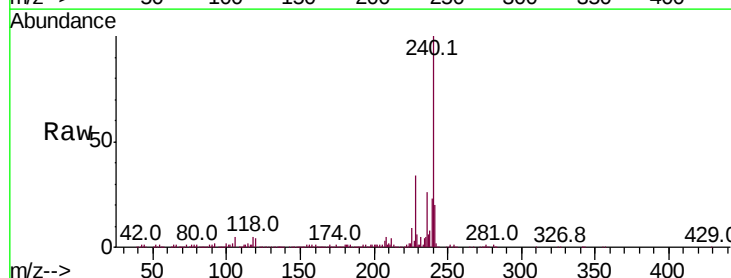
Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Tgt Ion:240 Resp: 407918

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.5	6.7#
236	26.1	21.3	31.9

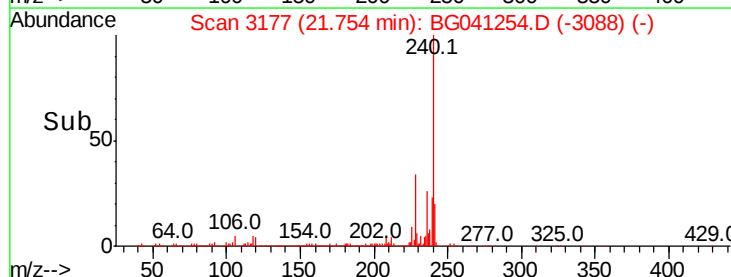
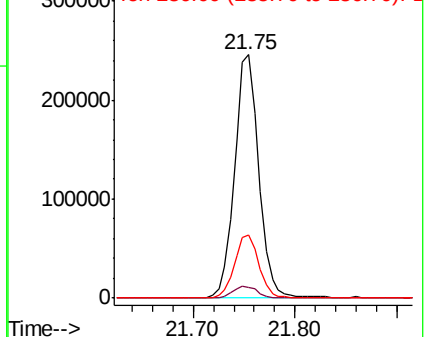


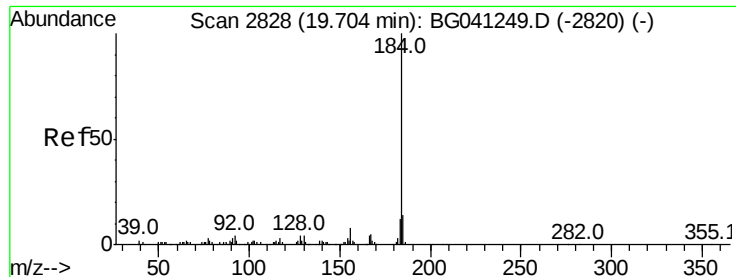
Abundance

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: 46.468 ng

RT: 19.70 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

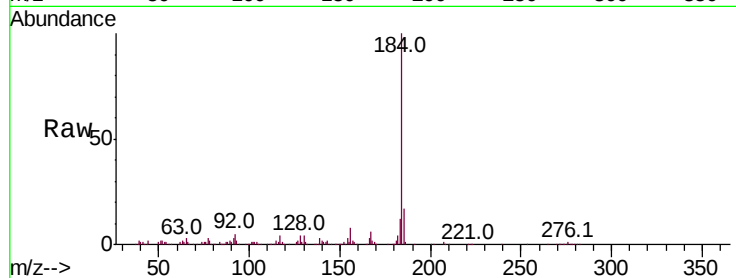
Tot Ion:184 Resp: 294291

Ion Ratio Lower Upper

184 100

185 16.7 13.3 19.9

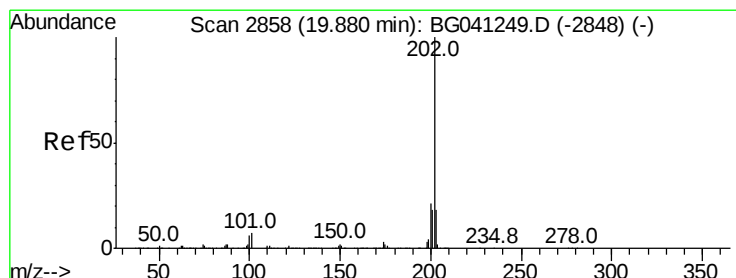
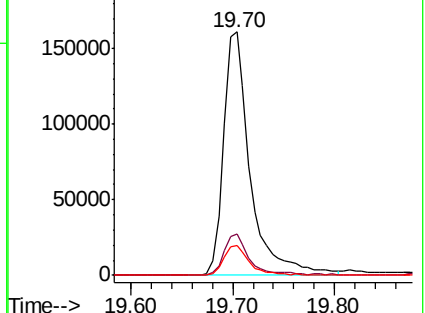
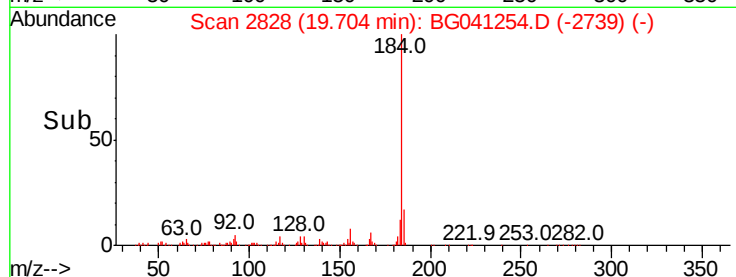
183 12.2 10.7 16.1



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: 40.016 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

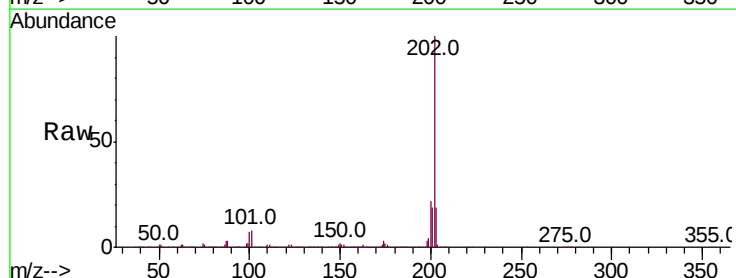
Tgt Ion:202 Resp: 1120538

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

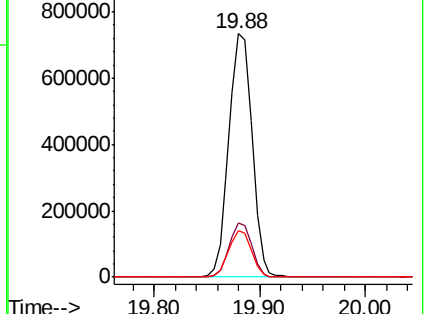
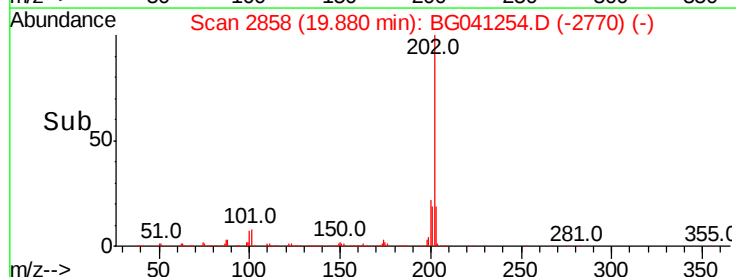
203 18.9 15.6 23.4

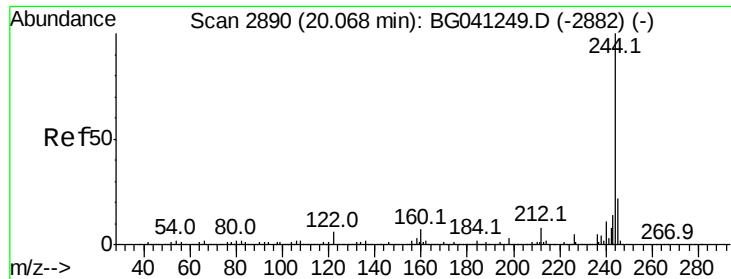


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.807 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

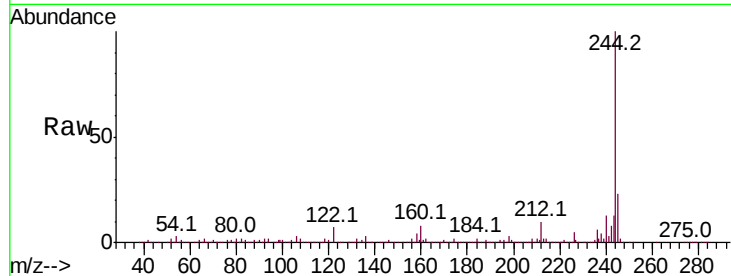
Tot Ion:244 Resp: 1639575

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.4

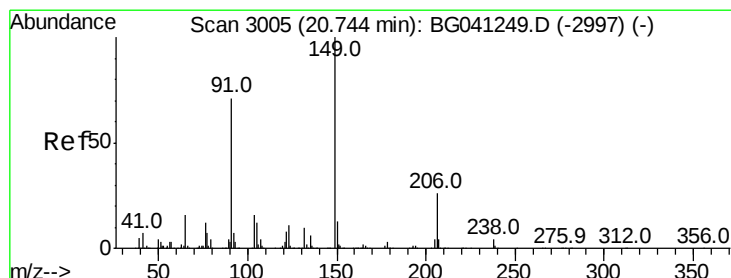
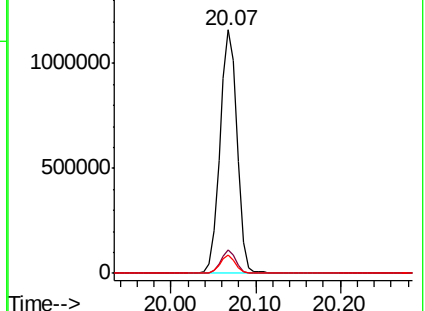
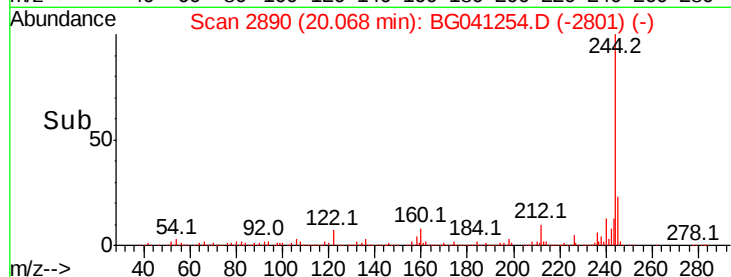
122 7.4 5.4 8.0



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: 40.731 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

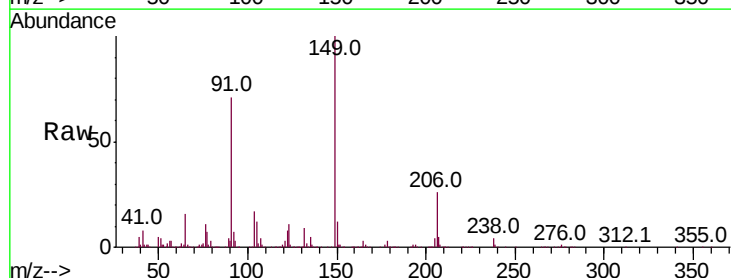
Tgt Ion:149 Resp: 436670

Ion Ratio Lower Upper

149 100

91 70.7 56.5 84.7

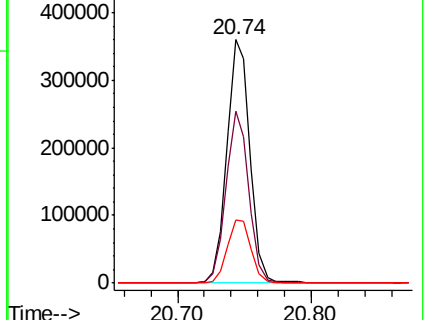
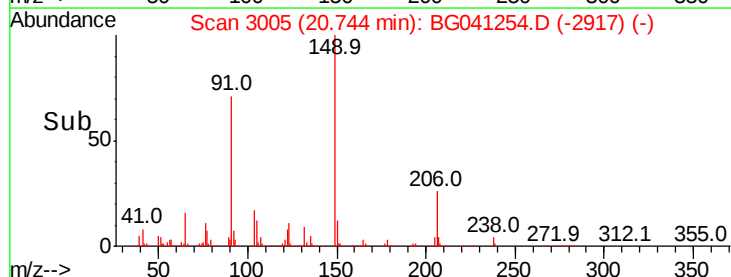
206 26.1 20.3 30.5

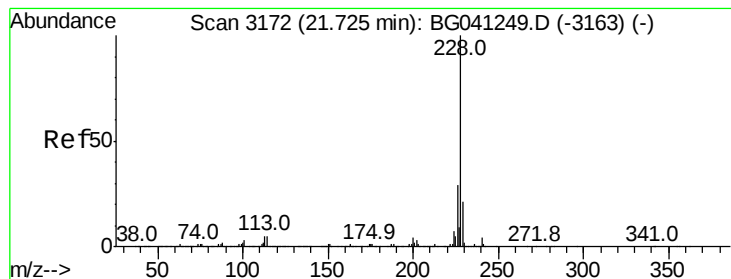


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.121 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

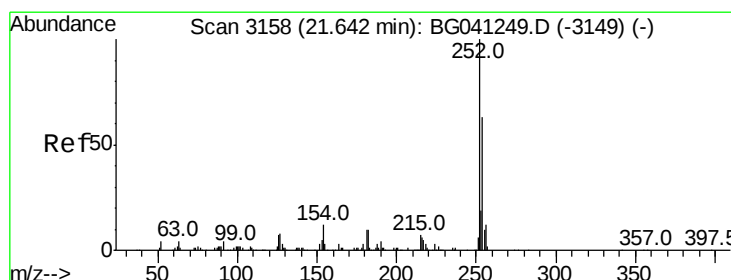
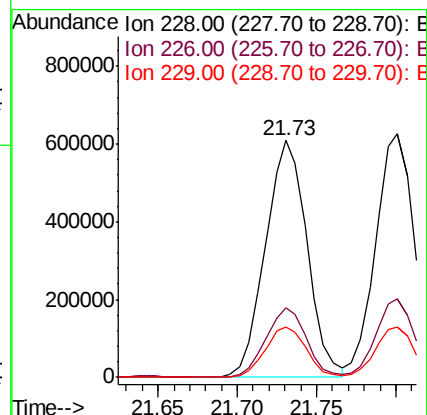
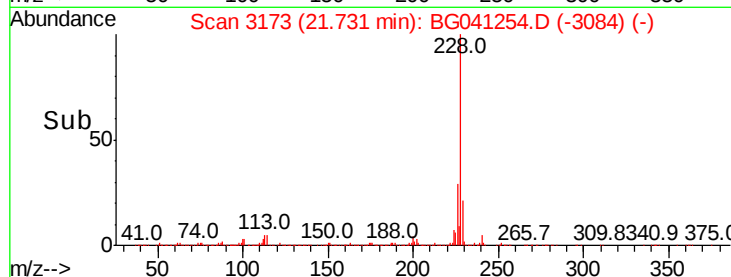
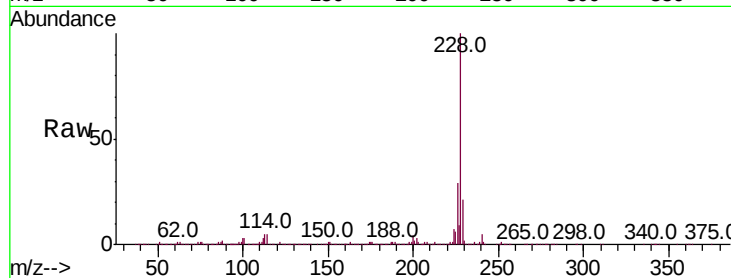
Tot Ion:228 Resp: 1109213

Ion Ratio Lower Upper

228 100

226 29.2 23.5 35.3

229 21.4 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 44.477 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

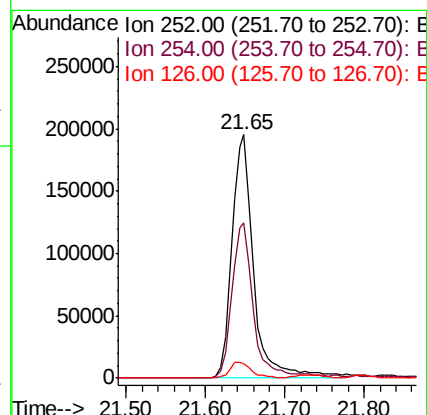
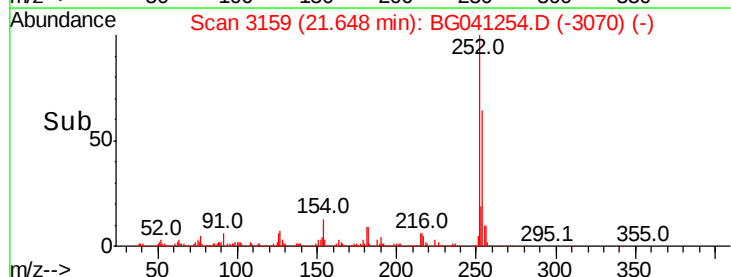
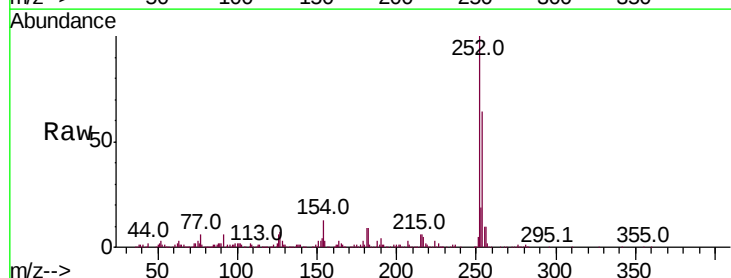
Tgt Ion:252 Resp: 368970

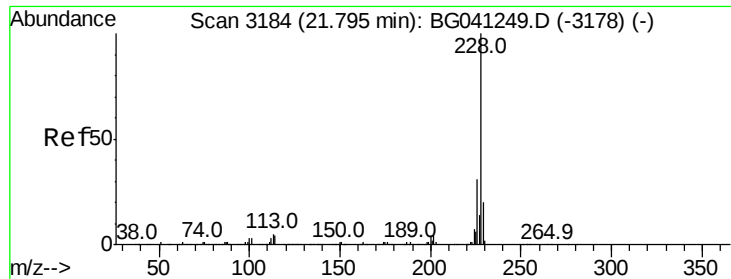
Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

126 6.0 5.5 8.3





#83

Chrysene

Concen: 41.307 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

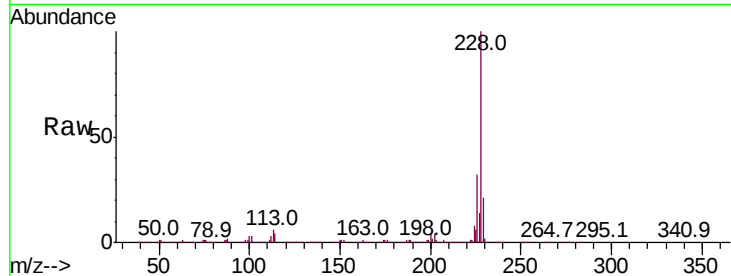
Tot Ion:228 Resp: 1101335

Ion Ratio Lower Upper

228 100

226 32.5 24.6 37.0

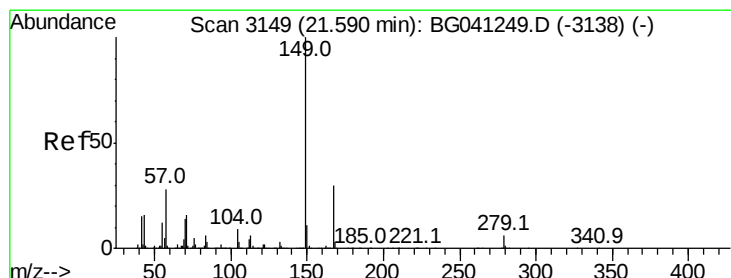
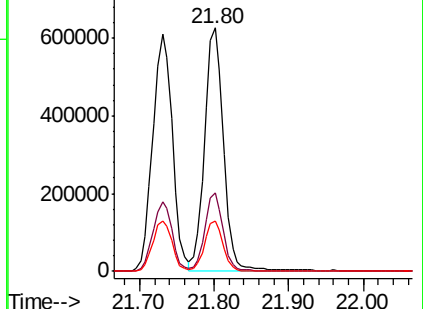
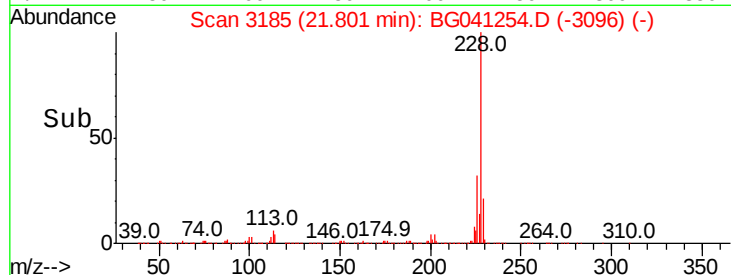
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.397 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

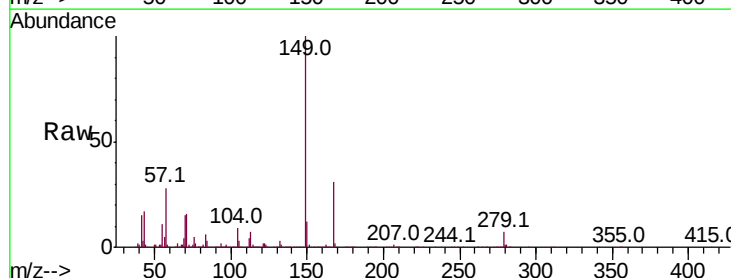
Tgt Ion:149 Resp: 603071

Ion Ratio Lower Upper

149 100

167 30.8 24.6 37.0

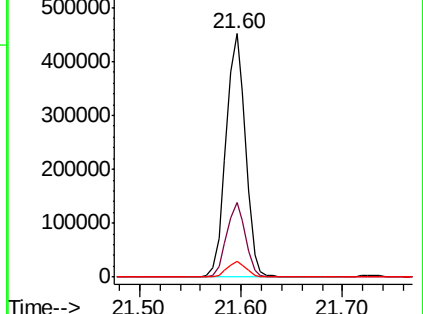
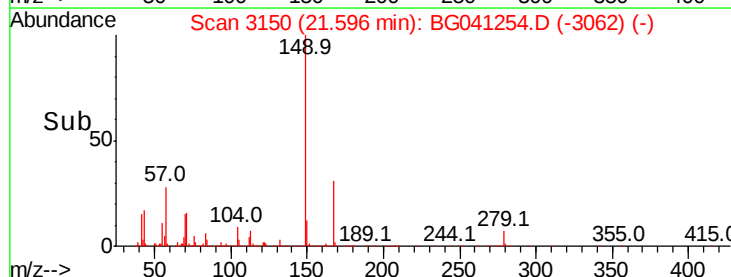
279 6.7 5.0 7.6

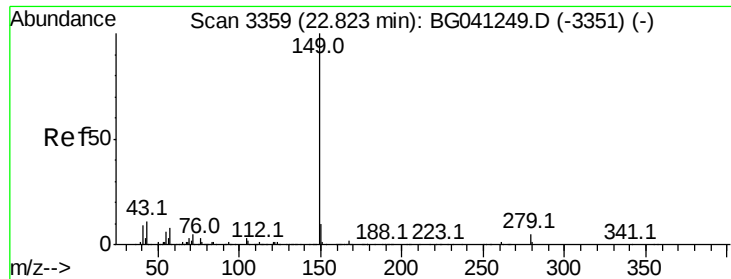


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

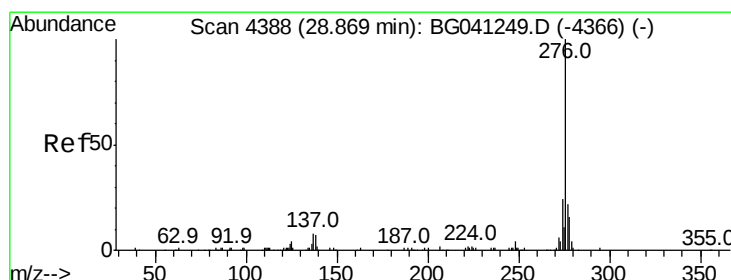
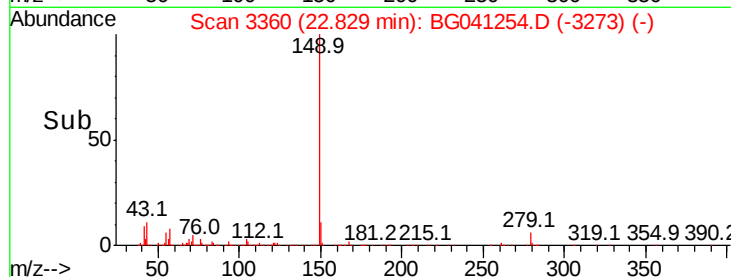
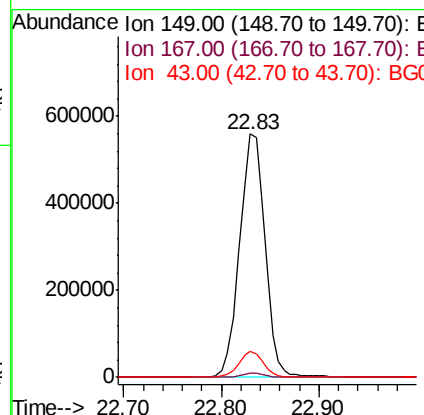
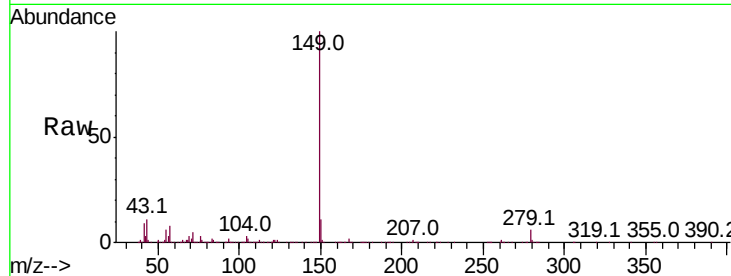




#85
Di-n-octyl phthalate
Concen: 40.919 ng
RT: 22.83 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

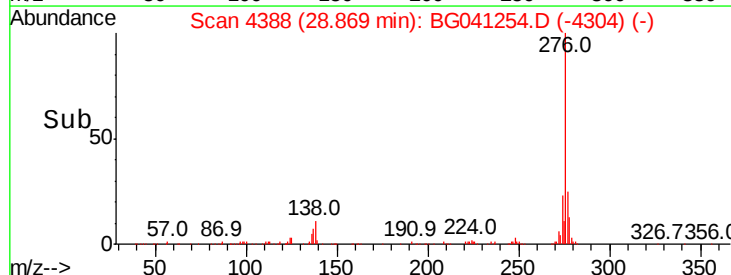
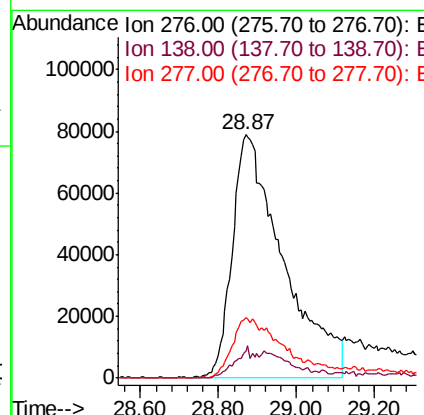
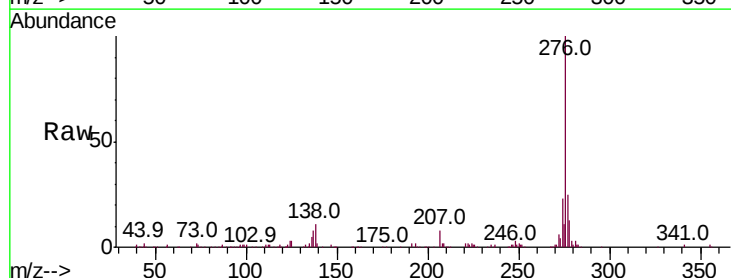
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

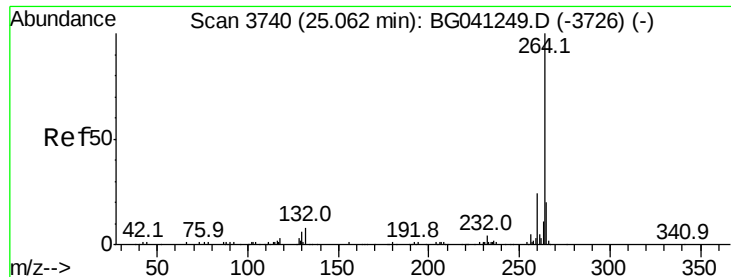
Tot Ion:149 Resp: 1014115
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.430 ng
RT: 28.87 min Scan# 4388
Delta R.T. -0.03 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:276 Resp: 711247
Ion Ratio Lower Upper
276 100
138 4.5 5.7 8.5#
277 22.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

Instrument :

BNA_G

ClientSampleId :

ICVBG061419

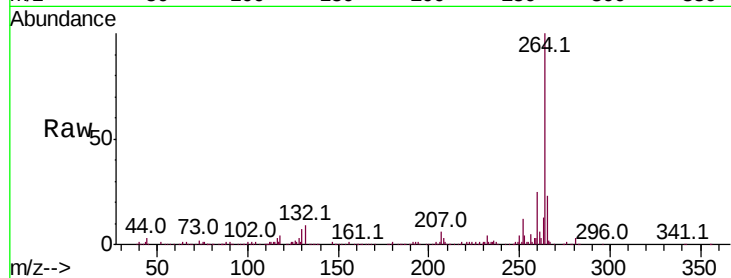
Tot Ion:264 Resp: 366426

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

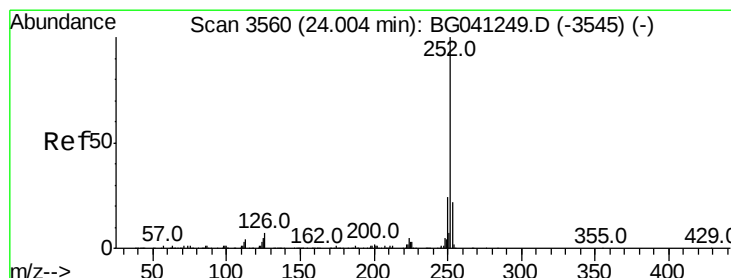
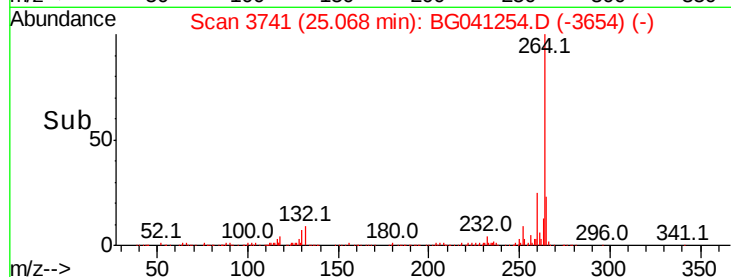
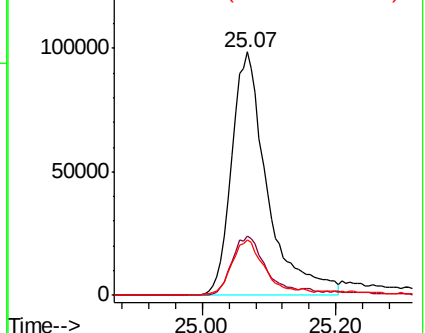
265 22.9 17.0 25.4



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: 41.139 ng

RT: 24.01 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BG041254.D

Acq: 14 Jun 2019 15:31

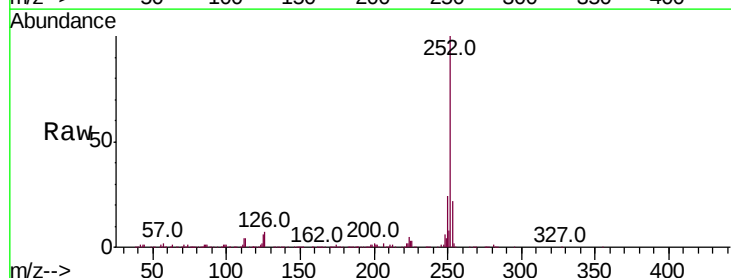
Tgt Ion:252 Resp: 920955

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

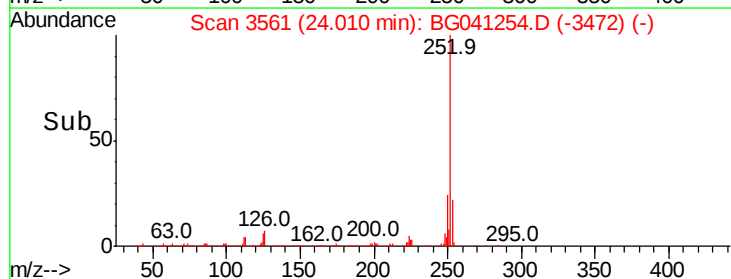
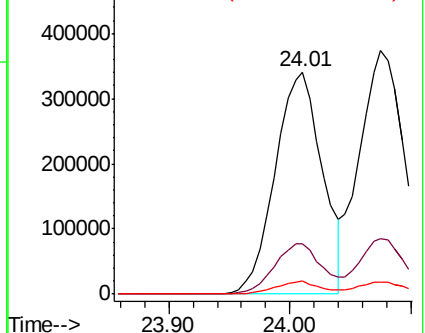
125 5.9 4.3 6.5

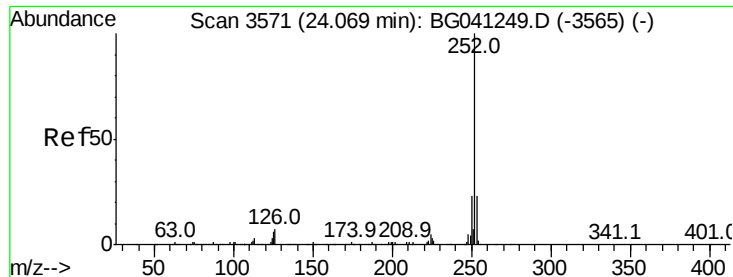


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

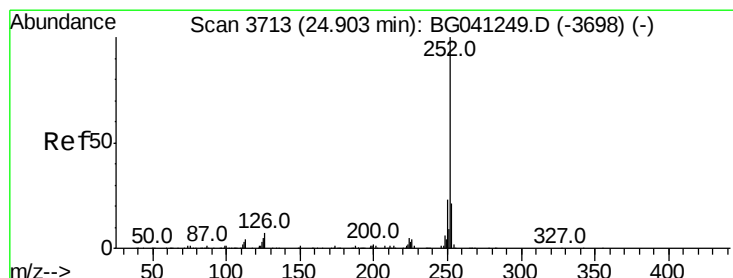
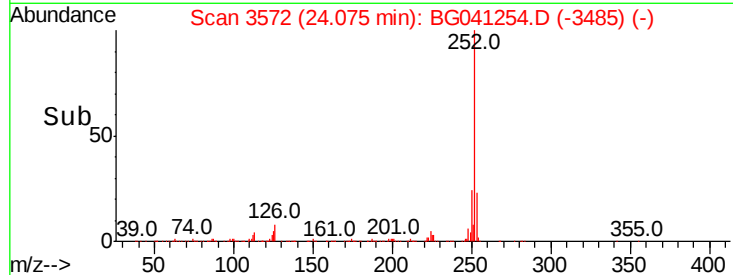
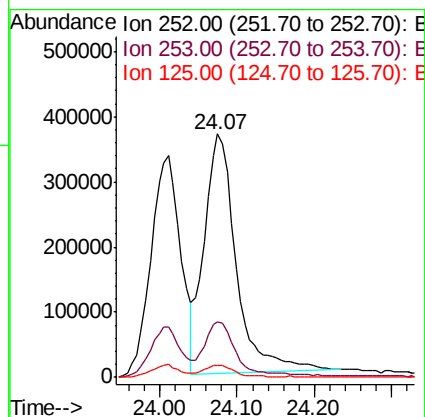
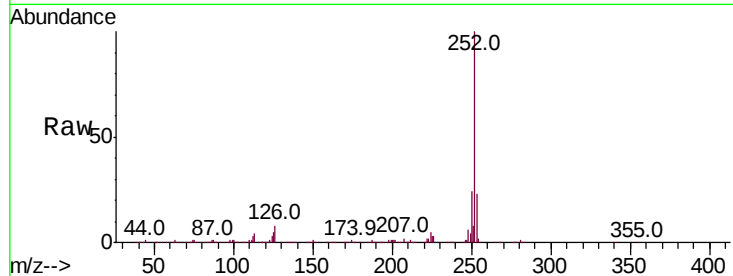




#89
Benzo(k)fluoranthene
Concen: 39.528 ng
RT: 24.07 min Scan# 3572
Delta R.T. -0.02 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

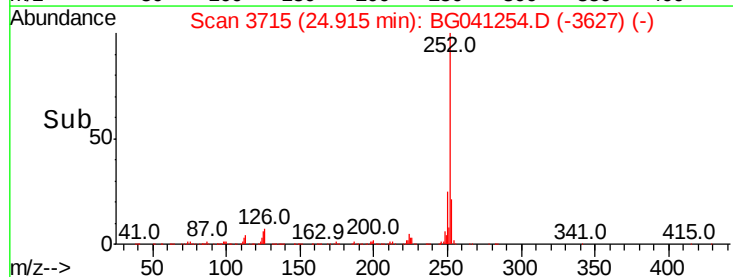
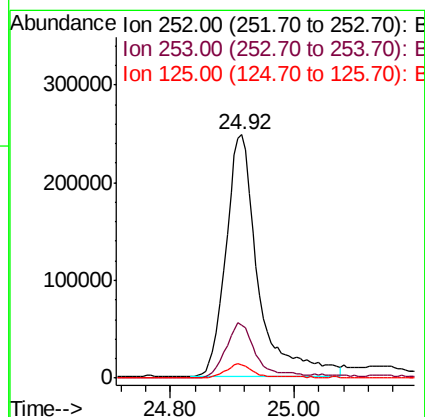
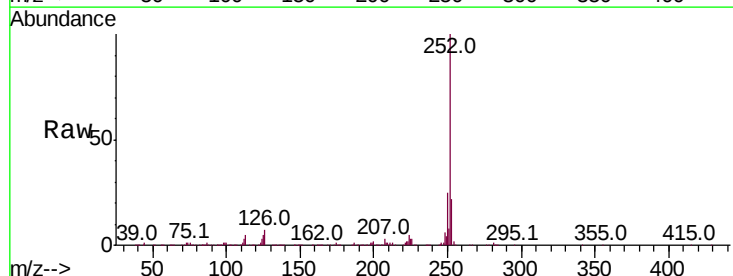
Instrument :
BNA_G
ClientSampleId :
ICVBG061419

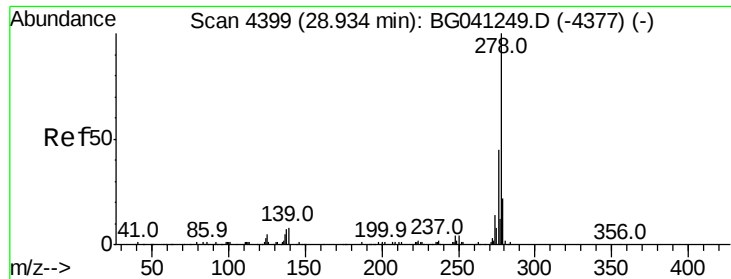
Tot Ion:252 Resp: 1056456
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 5.0 4.7 7.1



#90
Benzo(a)pyrene
Concen: 41.333 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.01 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:252 Resp: 901447
Ion Ratio Lower Upper
252 100
253 21.6 19.5 29.3
125 5.5 5.1 7.7



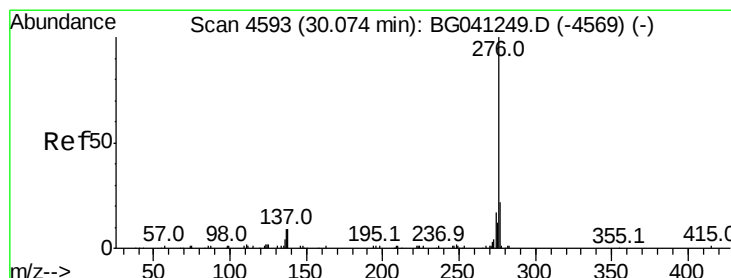
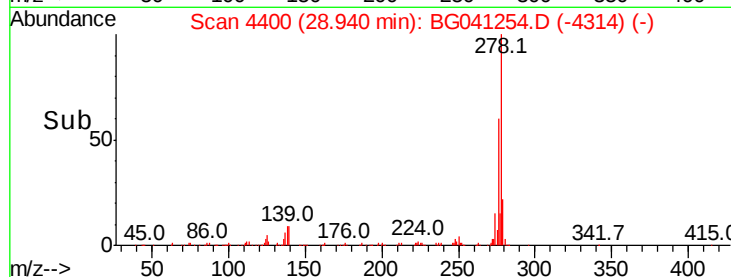
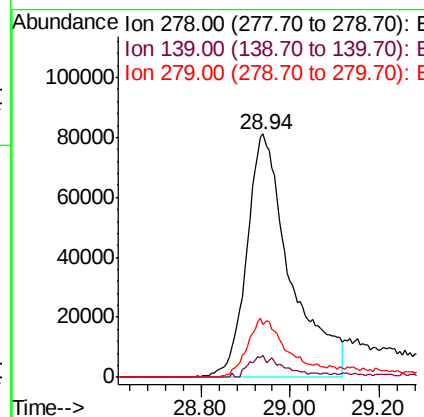
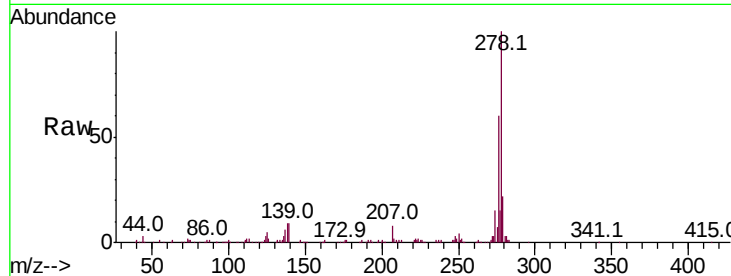


#91
Dibenzo(a,h)anthracene
Concen: 43.712 ng
RT: 28.94 min Scan# 4400
Delta R.T. -0.02 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Instrument :
BNA_G
ClientSampleId :
ICVBG061419

Tot Ion:278 Resp: 547000

Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.1	10.7
279	21.7	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 47.511 ng
RT: 30.07 min Scan# 4593
Delta R.T. -0.04 min
Lab File: BG041254.D
Acq: 14 Jun 2019 15:31

Tgt Ion:276 Resp: 511472

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	11.6	9.7	14.5

