

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045846.D
 Acq On : 24 Jun 2020 15:54
 Operator : CG/JU
 Sample : PB129750BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

Quant Time: Jun 24 17:06:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	57798	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	231054	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	166130	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	378750	20.00	ng	0.00
76) Chrysene-d12	21.58	240	318199	20.00	ng	0.00
86) Perylene-d12	24.71	264	361281	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	393998	115.15	ng	0.00
7) Phenol-d6	7.15	99	558601	107.33	ng	-0.01
23) Nitrobenzene-d5	9.09	82	350324	69.27	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	244853	97.62	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	785110	69.45	ng	0.00
79) Terphenyl-d14	19.94	244	1227674	78.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	46220	29.494	ng	94
3) Pyridine	3.77	79	139899	30.126	ng	97
4) n-Nitrosodimethylamine	3.68	42	60041	38.519	ng	100
6) Aniline	7.25	93	185062	30.199	ng	97
8) 2-Chlorophenol	7.51	128	148101	40.438	ng	97
9) Benzaldehyde	7.06	77	77003	24.633	ng	97
10) Phenol	7.18	94	198914	39.445	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	139858	36.514	ng	98
12) 1,3-Dichlorobenzene	7.81	146	161340	36.967	ng	99
13) 1,4-Dichlorobenzene	7.96	146	159656	36.623	ng	99
14) 1,2-Dichlorobenzene	8.28	146	151142	36.215	ng	98
15) Benzyl Alcohol	8.18	79	154627	38.393	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	127732	35.383	ng	81
17) 2-Methylphenol	8.42	107	135406	36.081	ng	99
18) Hexachloroethane	9.00	117	61098	36.901	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	125896	36.794	ng	98
20) 3+4-Methylphenols	8.75	107	179931	36.456	ng	# 69
22) Acetophenone	8.75	105	227006	35.796	ng	# 95
24) Nitrobenzene	9.13	77	192317	35.662	ng	98
25) Isophorone	9.65	82	341284	34.856	ng	99
26) 2-Nitrophenol	9.84	139	83806	37.302	ng	96
27) 2,4-Dimethylphenol	9.94	122	136354	39.752	ng	95
28) bis(2-Chloroethoxy)methane	10.14	93	183259	35.831	ng	98
29) 2,4-Dichlorophenol	10.41	162	156398	39.080	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	170339	35.954	ng	99
31) Naphthalene	10.78	128	451708	35.759	ng	98
32) Benzoic acid	10.13	122	94239	43.417	ng	99
33) 4-Chloroaniline	10.90	127	99646	18.837	ng	95
34) Hexachlorobutadiene	11.07	225	118644	35.212	ng	98
35) Caprolactam	11.68	113	37676	29.093	ng	# 82
36) 4-Chloro-3-methylphenol	12.07	107	176066	38.104	ng	94
37) 2-Methylnaphthalene	12.39	142	343832	36.553	ng	98
38) 1-Methylnaphthalene	12.61	142	326093	36.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	193209	35.320	ng	99

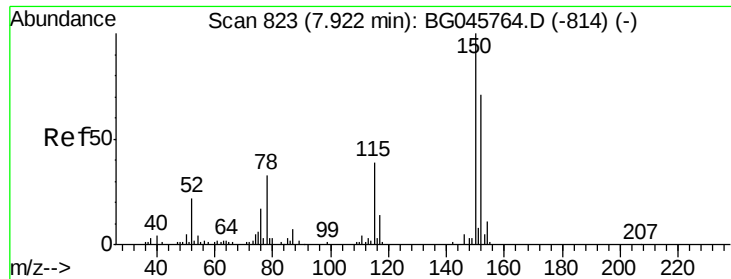
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045846.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	223274	74.535	ng	97
43) 2,4,6-Trichlorophenol	13.02	196	134057	36.145	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	139962	33.111	ng	99
46) 1,1'-Biphenyl	13.40	154	430406	36.187	ng	98
47) 2-Chloronaphthalene	13.45	162	340505	35.441	ng	98
48) 2-Nitroaniline	13.66	65	111636	34.931	ng	98
49) Acenaphthylene	14.29	152	544661	35.392	ng	99
50) Dimethylphthalate	14.03	163	454622	34.932	ng	100
51) 2,6-Dinitrotoluene	14.15	165	105557	36.111	ng	97
52) Acenaphthene	14.64	154	325237	34.866	ng	98
53) 3-Nitroaniline	14.49	138	73787	25.272	ng	91
54) 2,4-Dinitrophenol	14.70	184	74620	50.085	ng	95
55) Dibenzofuran	14.97	168	533787	35.225	ng	98
56) 4-Nitrophenol	14.87	139	119834	58.414	ng	97
57) 2,4-Dinitrotoluene	14.94	165	148507	35.459	ng	96
58) Fluorene	15.62	166	449983	35.711	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	124022	33.805	ng	95
60) Diethylphthalate	15.40	149	465493	34.988	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	246391	33.926	ng	98
62) 4-Nitroaniline	15.66	138	88602	29.568	ng	93
63) Azobenzene	15.91	77	450491	35.264	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	76368	32.627	ng	98
66) n-Nitrosodiphenylamine	15.83	169	389157	36.276	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	171123	34.772	ng	99
68) Hexachlorobenzene	16.63	284	185324	36.315	ng	95
69) Atrazine	16.79	200	147717	35.485	ng	96
70) Pentachlorophenol	16.99	266	150746	61.814	ng	96
71) Phenanthrene	17.36	178	699227	35.796	ng	99
72) Anthracene	17.46	178	712347	36.622	ng	100
73) Carbazole	17.73	167	628998	33.961	ng	100
74) Di-n-butylphthalate	18.29	149	766512	34.953	ng	100
75) Fluoranthene	19.38	202	827410	34.447	ng	100
77) Benzidine	19.56	184	335223	40.524	ng	99
78) Pyrene	19.74	202	809839	38.007	ng	98
80) Butylbenzylphthalate	20.63	149	332793	37.313	ng	97
81) Benzo(a)anthracene	21.56	228	746946	36.207	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	200997	25.757	ng	97
83) Chrysene	21.62	228	732428	36.706	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	441643	35.600	ng	# 98
85) Di-n-octyl phthalate	22.65	149	790354	36.934	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	863723	32.977	ng	# 94
88) Benzo(b)fluoranthene	23.72	252	835751	36.895	ng	98
89) Benzo(k)fluoranthene	23.78	252	787253	36.313	ng	97
90) Benzo(a)pyrene	24.57	252	764648	36.136	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	718689	34.218	ng	# 96
92) Benzo(g,h,i)perylene	29.37	276	776995	36.961	ng	97

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

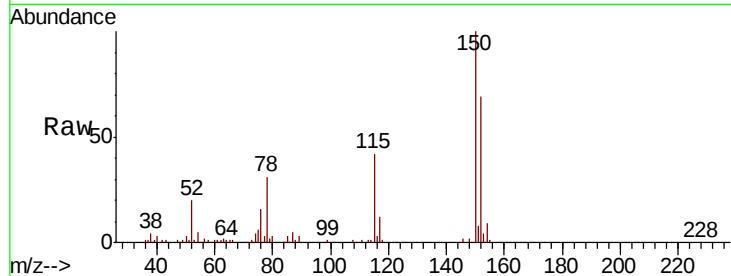


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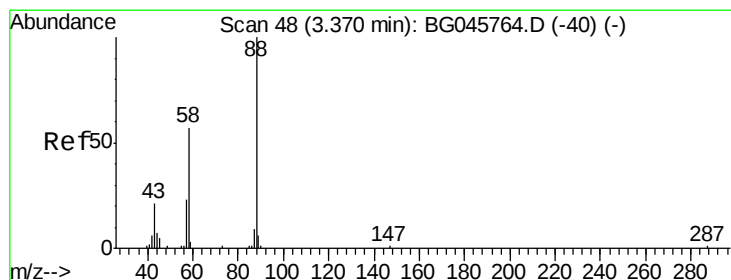
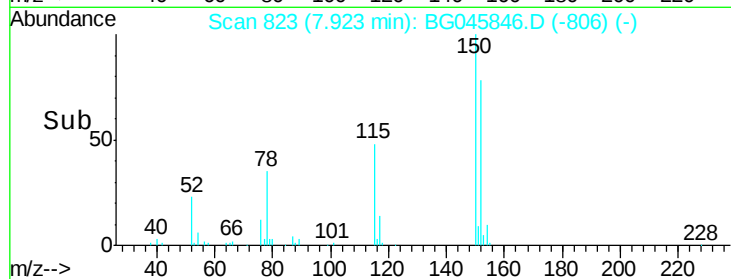
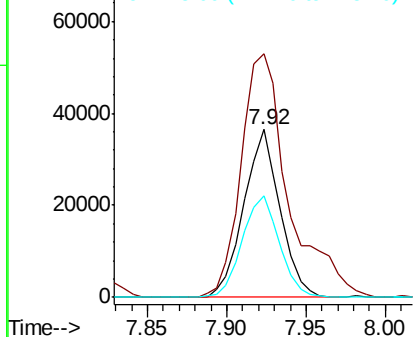
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:152 Resp: 57798
Ion Ratio Lower Upper
152 100
150 145.2 113.1 169.7
115 60.8 43.8 65.6



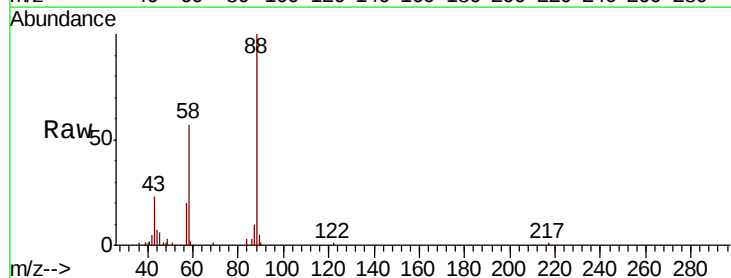
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



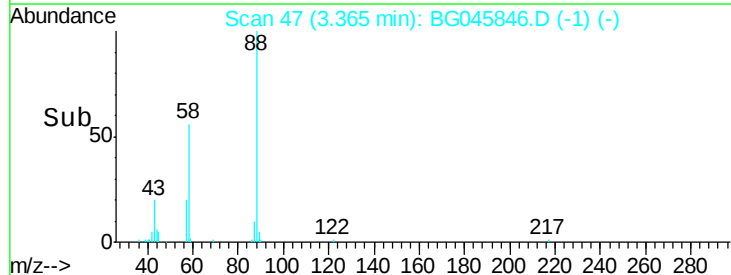
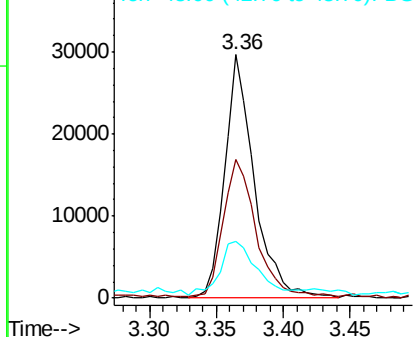
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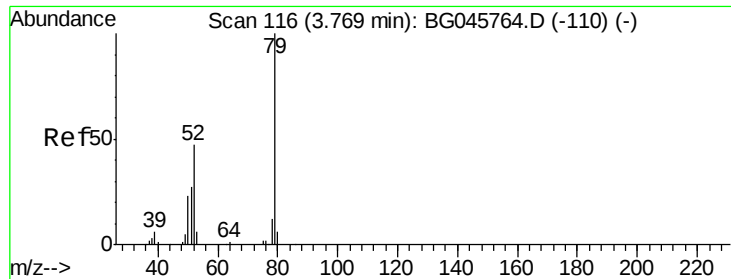
1,4-Dioxane
Concen: 29.494 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion: 88 Resp: 46220
Ion Ratio Lower Upper
88 100
58 62.7 46.1 69.1
43 26.7 19.2 28.8



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

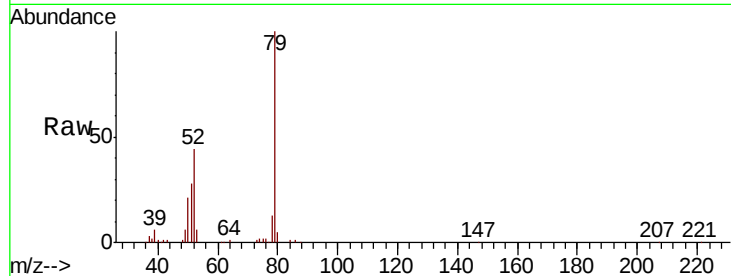




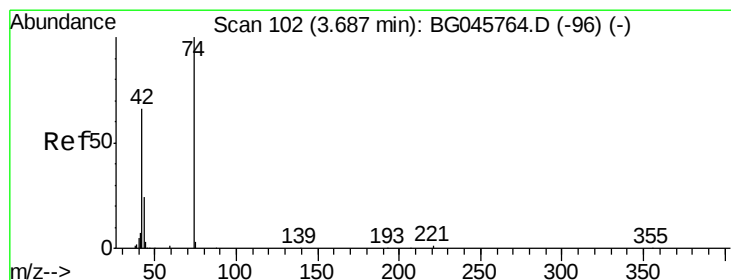
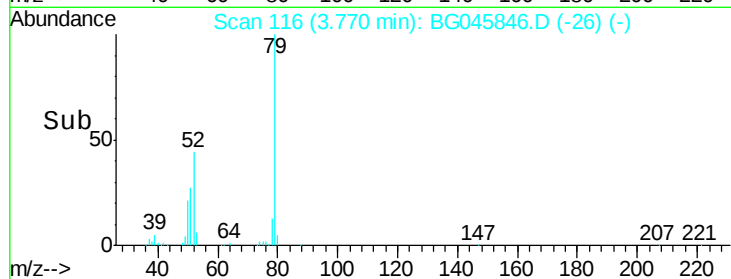
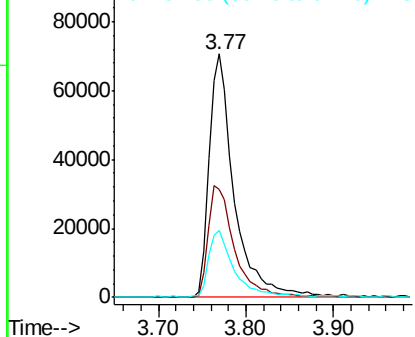
#3
 Pvridine
 Concen: 30.126 ng
 RT: 3.77 min Scan# 116
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

Tot Ion: 79 Resp: 139899
 Ion Ratio Lower Upper
 79 100
 52 44.4 37.9 56.9
 51 27.6 22.0 33.0

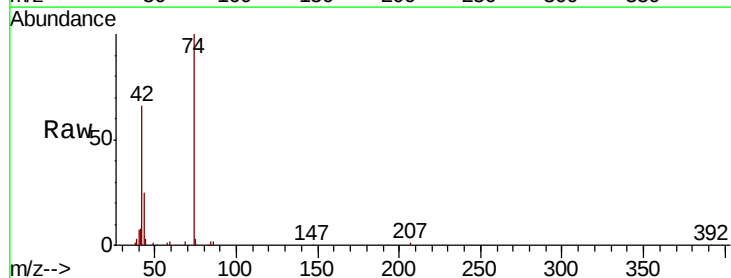


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

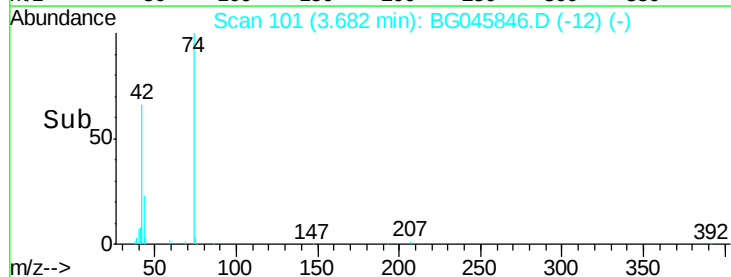
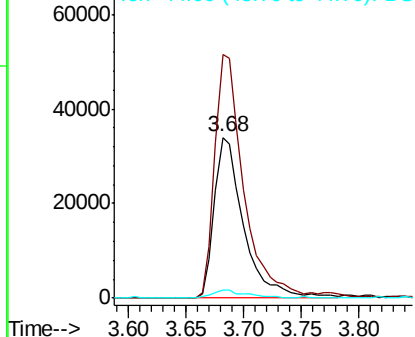


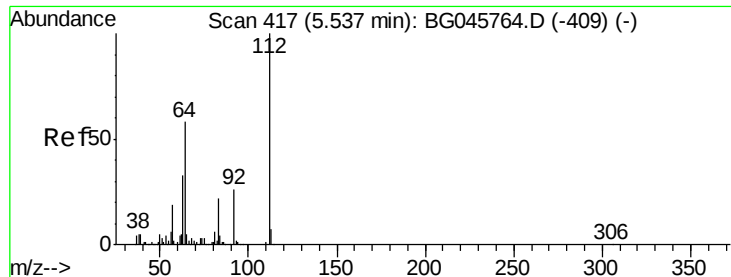
#4
 n-Nitrosodimethylamine
 Concen: 38.519 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion: 42 Resp: 60041
 Ion Ratio Lower Upper
 42 100
 74 151.3 121.0 181.4
 44 5.1 3.5 5.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.152 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

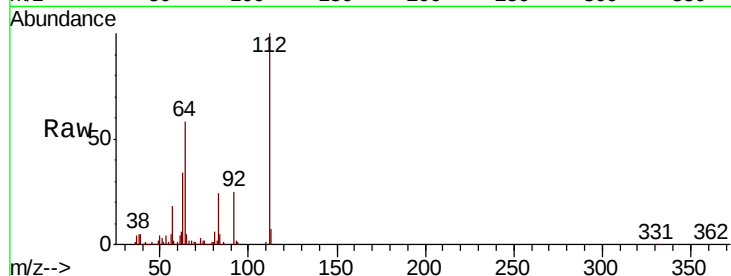
Tot Ion:112 Resp: 393998

Ion Ratio Lower Upper

112 100

64 57.6 46.6 69.8

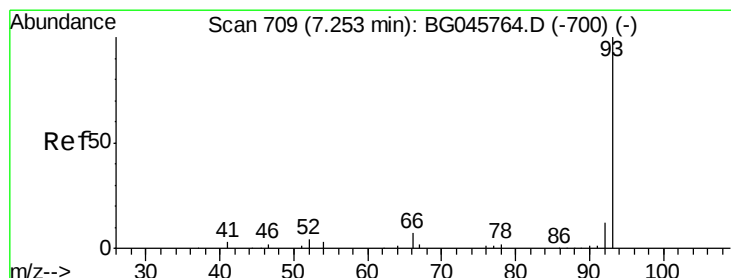
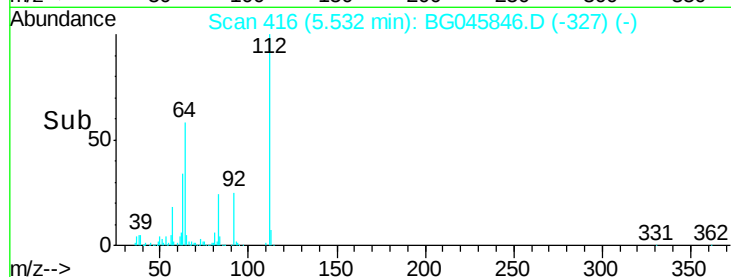
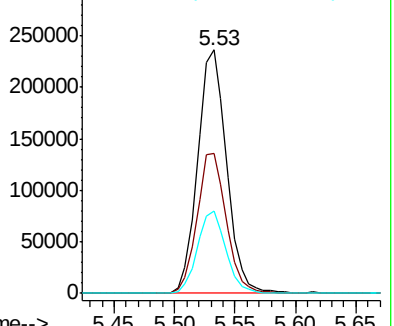
63 33.9 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.199 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

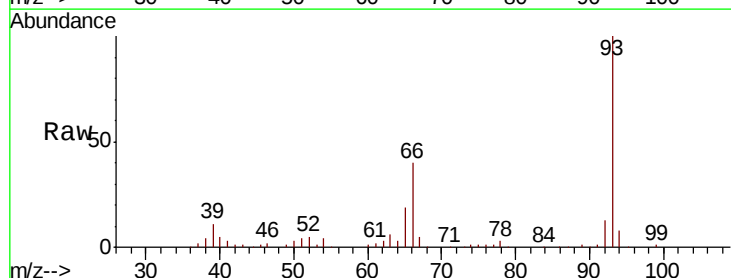
Tgt Ion: 93 Resp: 185062

Ion Ratio Lower Upper

93 100

66 39.9 30.0 45.0

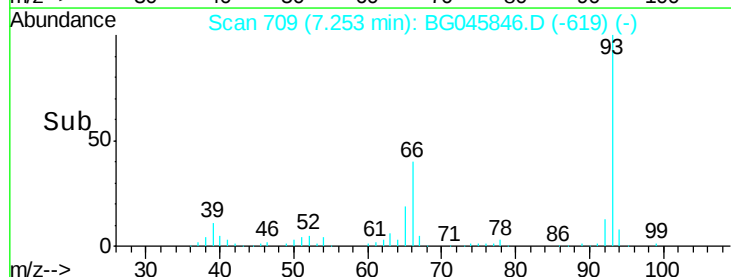
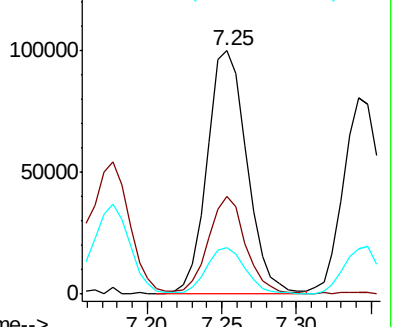
65 18.8 14.7 22.1

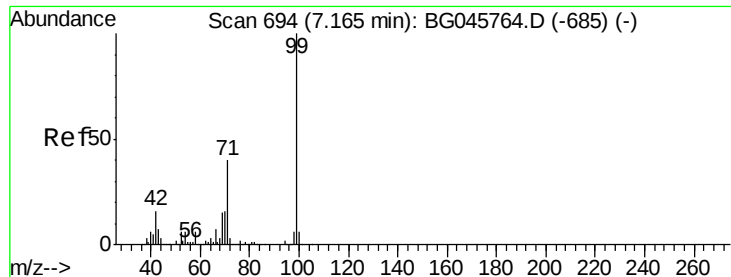


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.331 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

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ClientSampleId :

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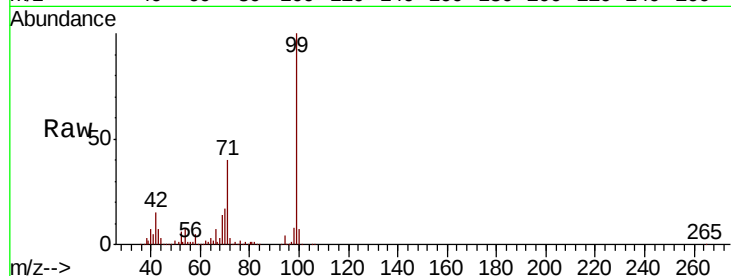
Tot Ion: 99 Resp: 558601

Ion Ratio Lower Upper

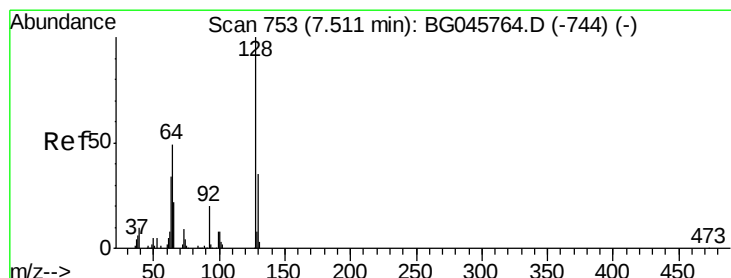
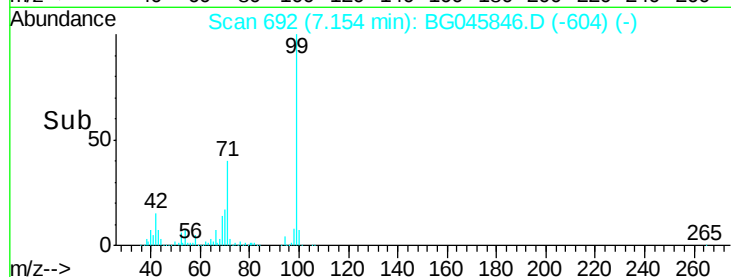
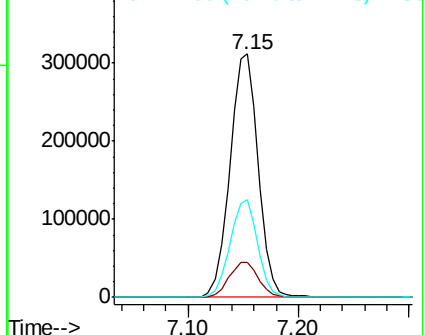
99 100

42 14.5 12.4 18.6

71 40.1 32.1 48.1



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: 40.438 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

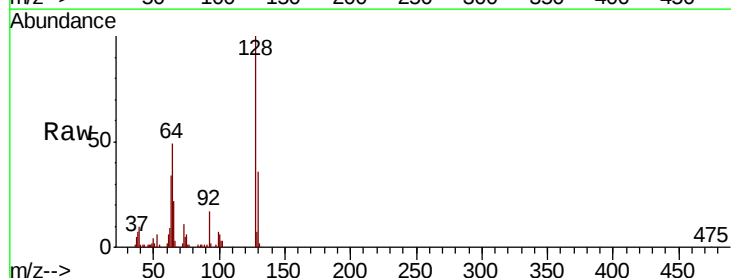
Tgt Ion: 128 Resp: 148101

Ion Ratio Lower Upper

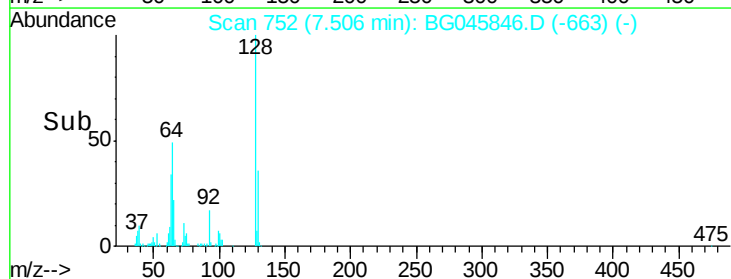
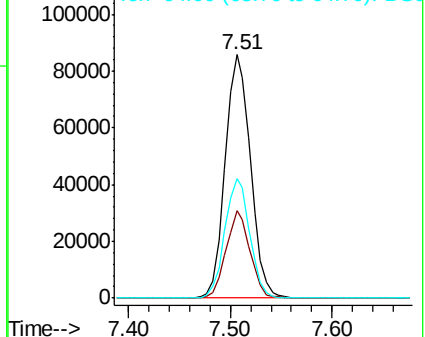
128 100

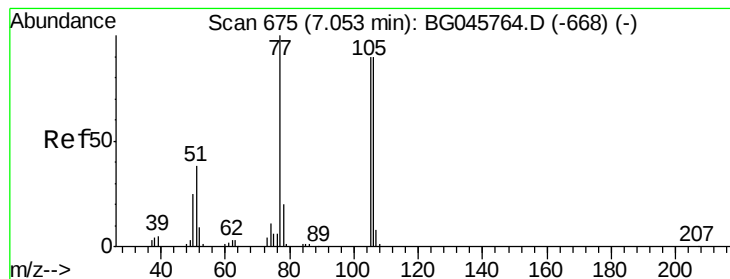
130 35.7 14.5 54.5

64 48.9 31.6 71.6



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: 24.633 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

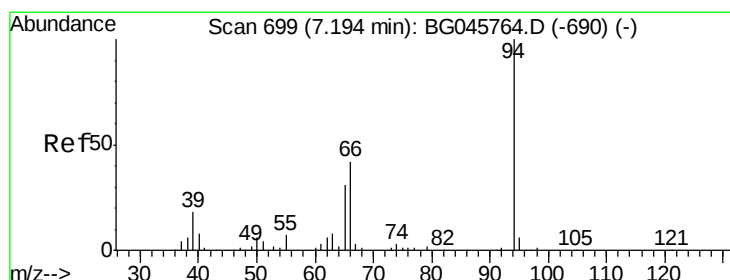
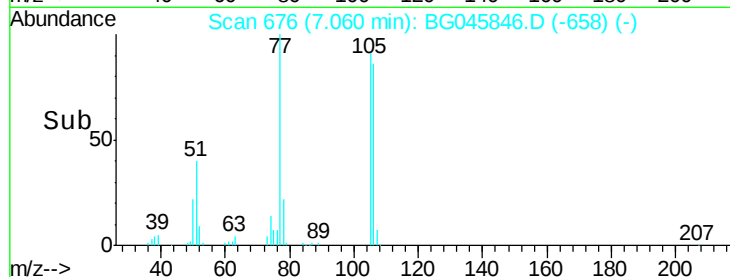
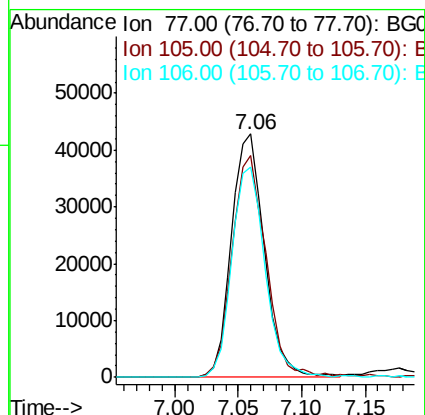
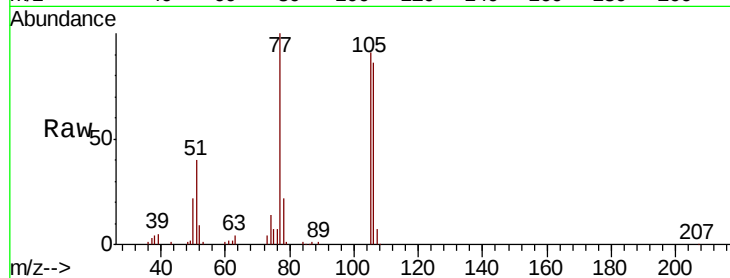
Tot Ion: 77 Resp: 77003

Ion Ratio Lower Upper

77 100

105 91.1 70.4 110.4

106 86.1 70.2 110.2



#10

Phenol

Concen: 39.445 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

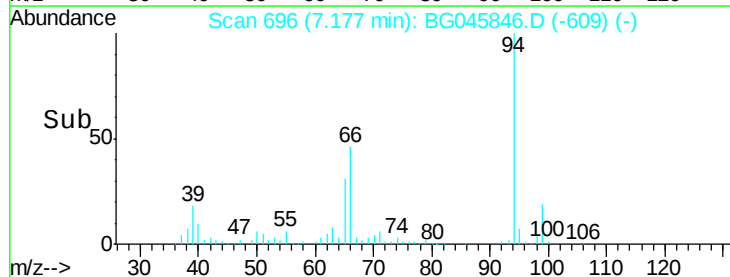
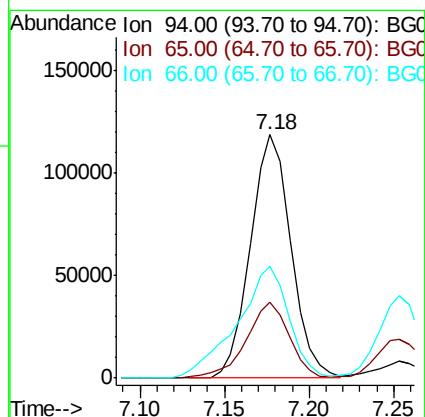
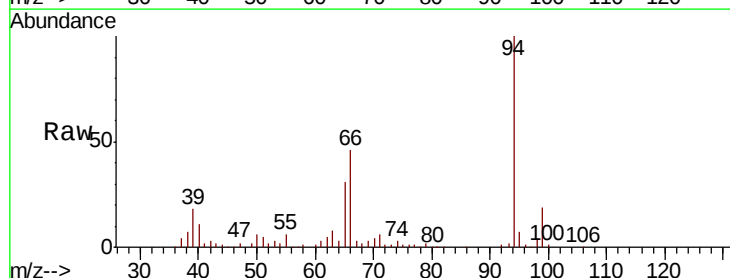
Tgt Ion: 94 Resp: 198914

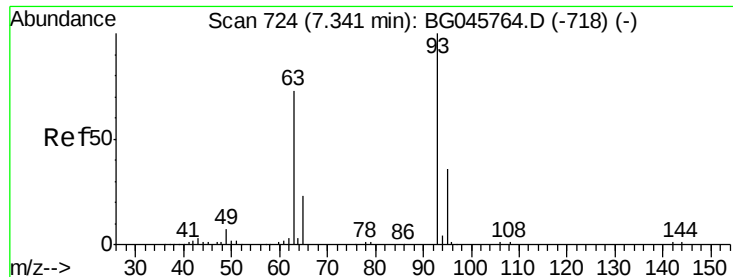
Ion Ratio Lower Upper

94 100

65 31.0 10.7 50.7

66 46.0 22.5 62.5





#11

bis(2-Chloroethyl)ether

Concen: 36.514 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampled :

PB129750BS

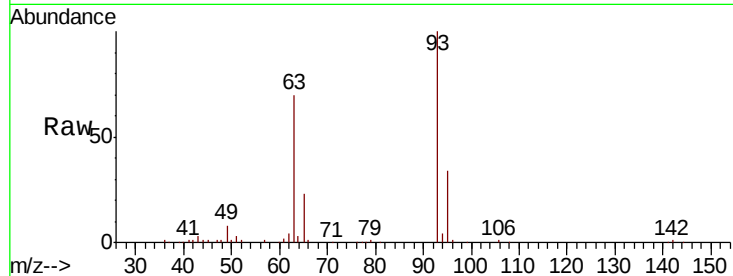
Tot Ion: 93 Resp: 139858

Ion Ratio Lower Upper

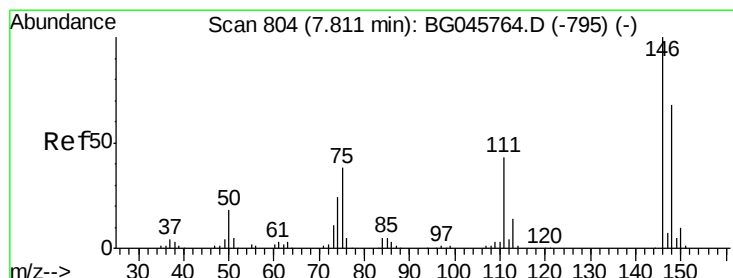
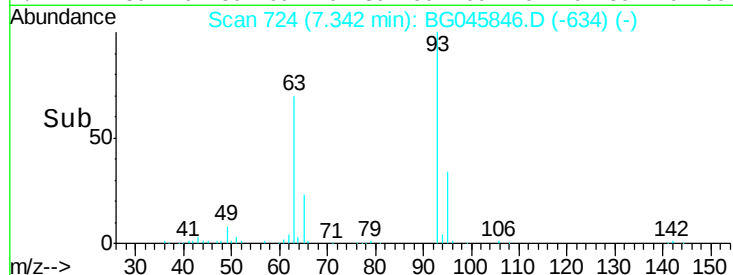
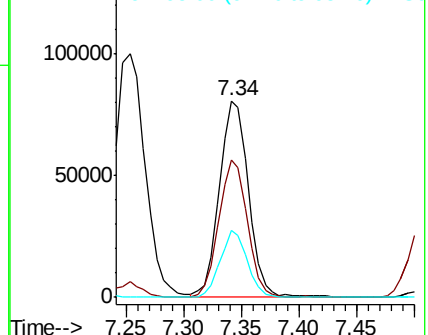
93 100

63 70.2 52.0 92.0

95 33.9 15.6 55.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.967 ng

RT: 7.81 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

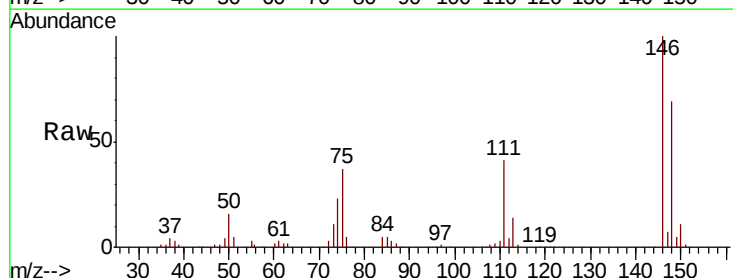
Tgt Ion: 146 Resp: 161340

Ion Ratio Lower Upper

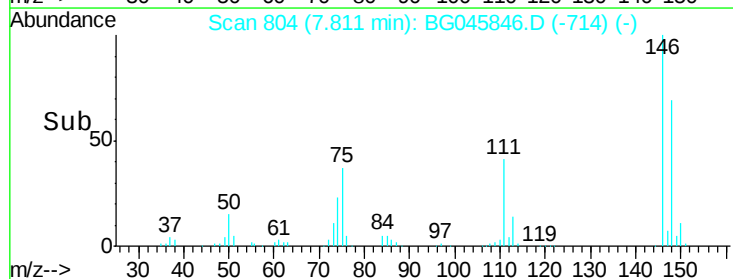
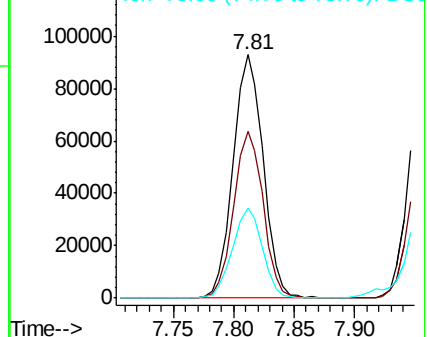
146 100

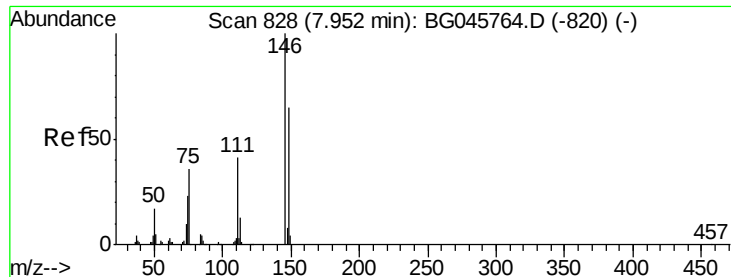
148 68.7 54.2 81.4

75 37.0 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 36.623 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

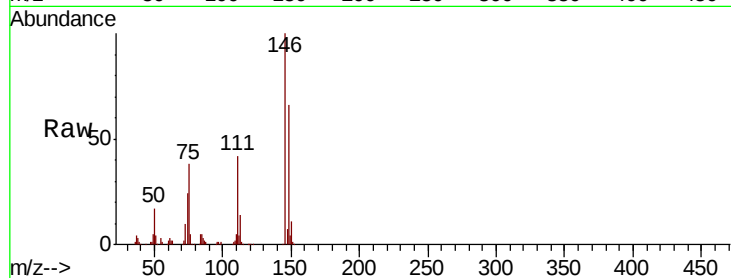
Tot Ion:146 Resp: 159656

Ion Ratio Lower Upper

146 100

148 65.9 51.8 77.6

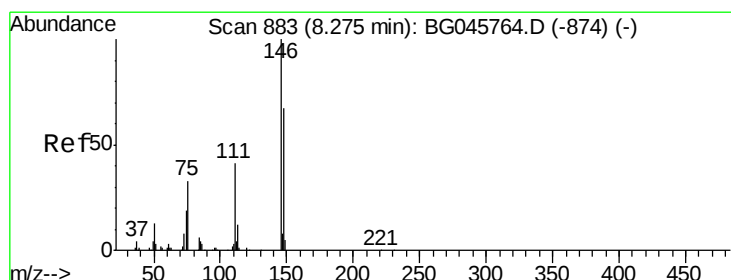
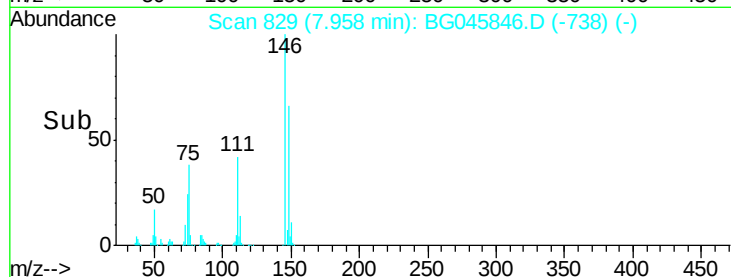
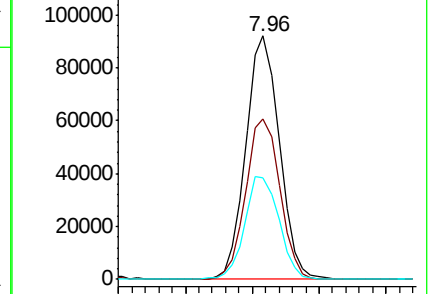
111 41.7 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.215 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

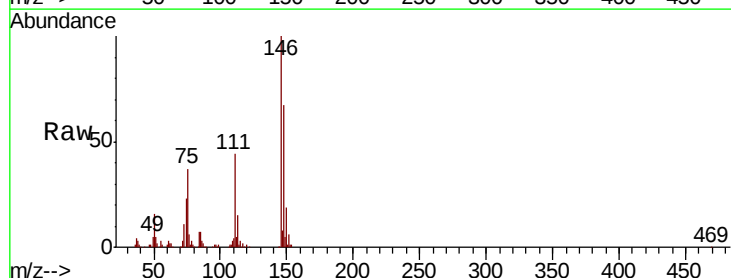
Tgt Ion:146 Resp: 151142

Ion Ratio Lower Upper

146 100

148 66.9 54.1 81.1

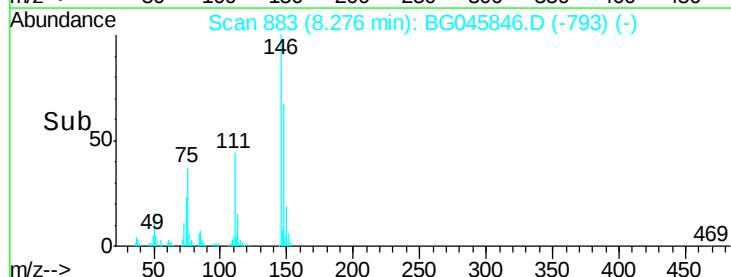
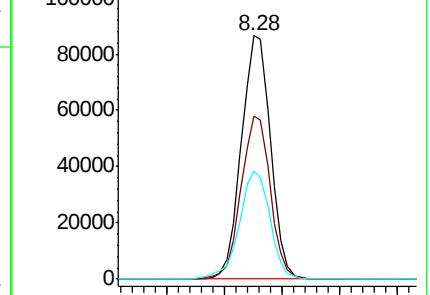
111 44.1 32.9 49.3

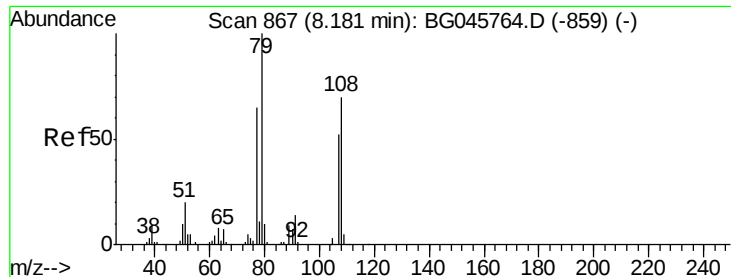


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.393 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

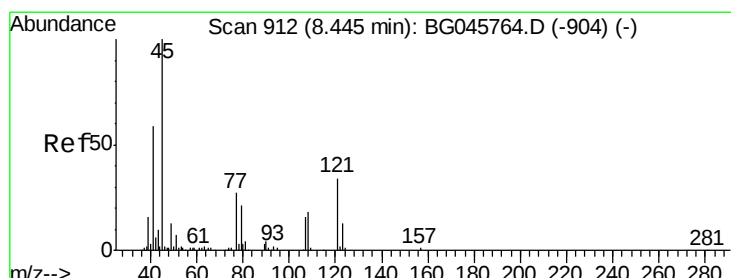
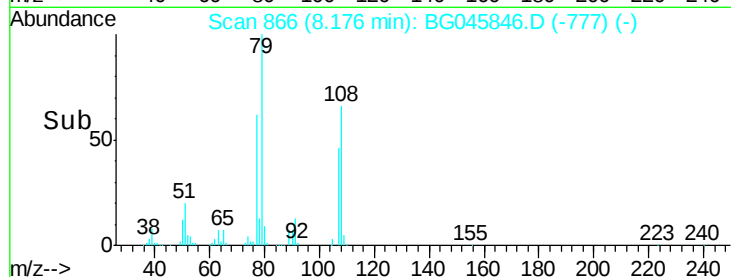
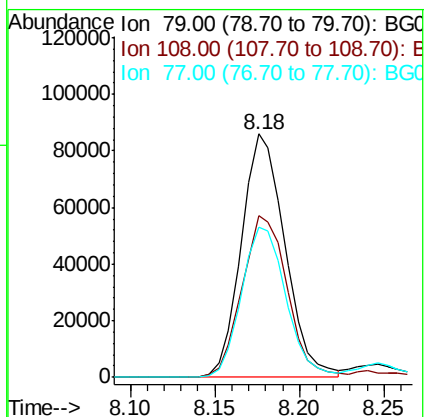
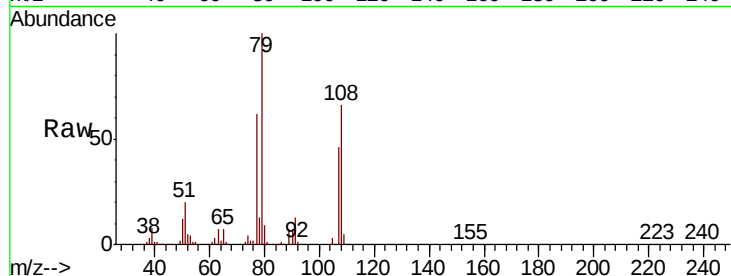
Tot Ion: 79 Resp: 154627

Ion Ratio Lower Upper

79 100

108 66.4 56.2 84.4

77 61.6 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.383 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

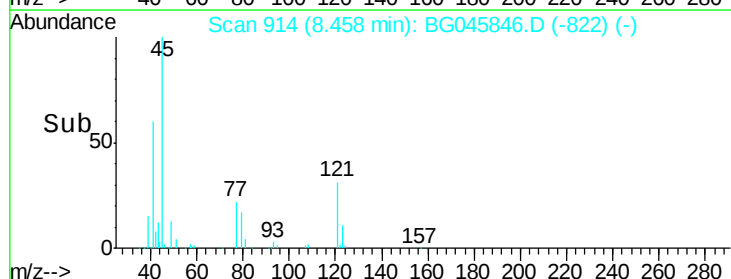
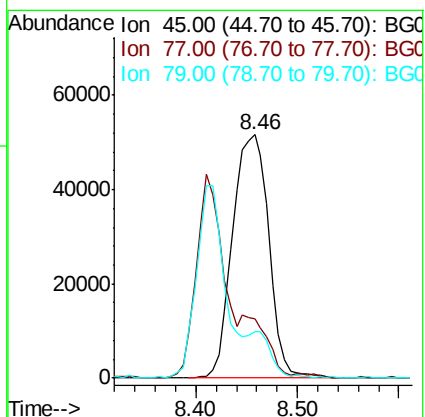
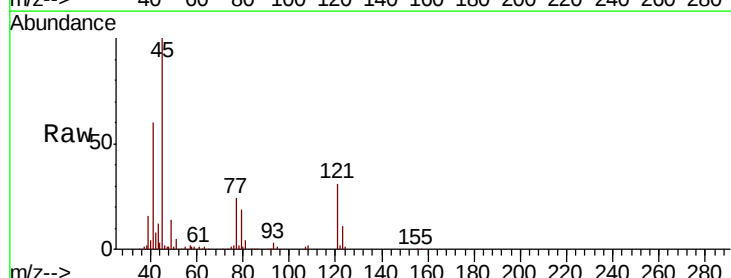
Tgt Ion: 45 Resp: 127732

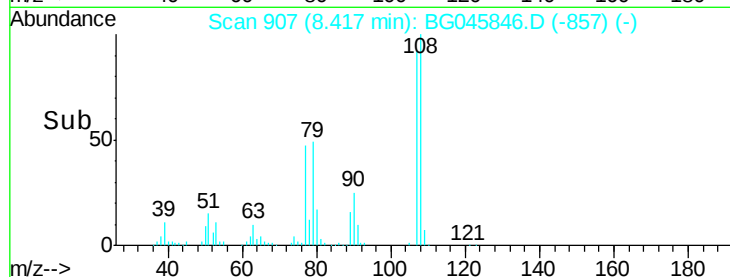
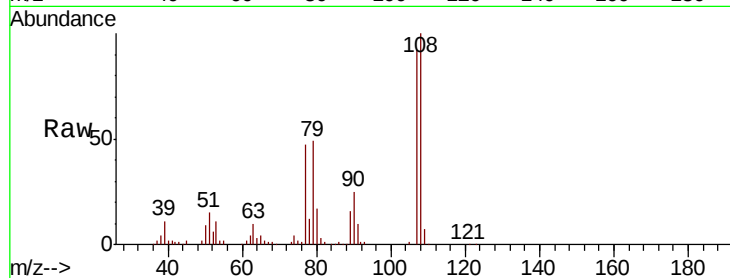
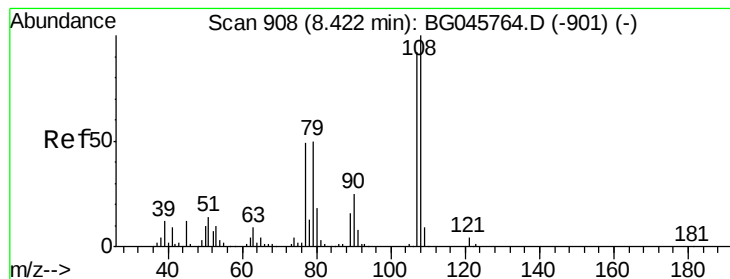
Ion Ratio Lower Upper

45 100

77 24.2 14.9 54.9

79 18.8 9.2 49.2





#17

2-Methylphenol

Concen: 36.081 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

Tot Ion:107 Resp: 135406

Ion Ratio Lower Upper

107 100

108 108.8 87.4 131.0

77 51.2 42.5 63.7

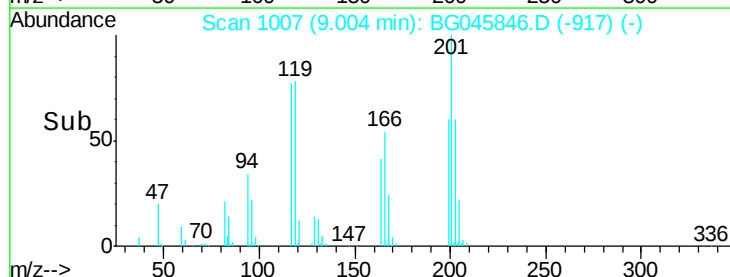
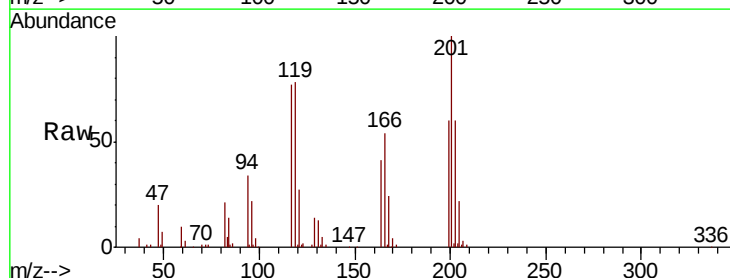
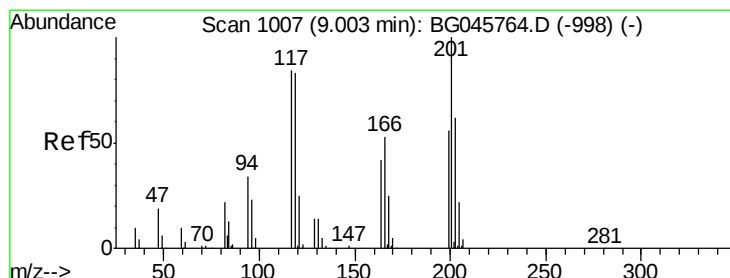
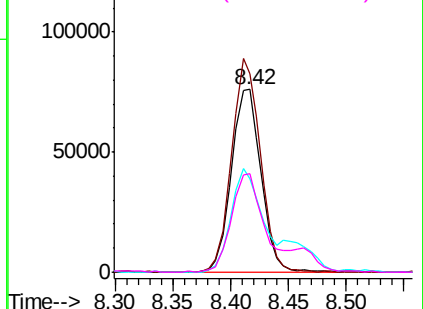
79 53.7 44.0 66.0

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.901 ng

RT: 9.00 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion:117 Resp: 61098

Ion Ratio Lower Upper

117 100

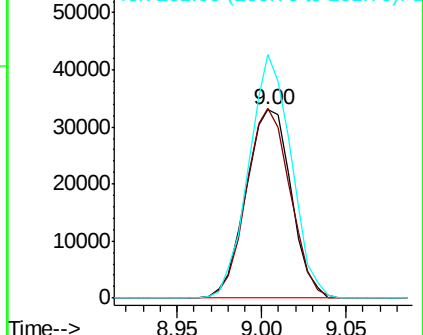
119 100.7 78.9 118.3

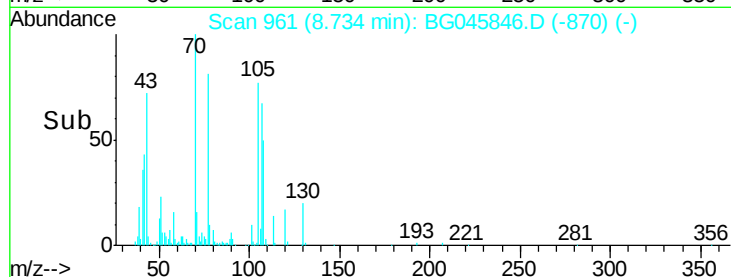
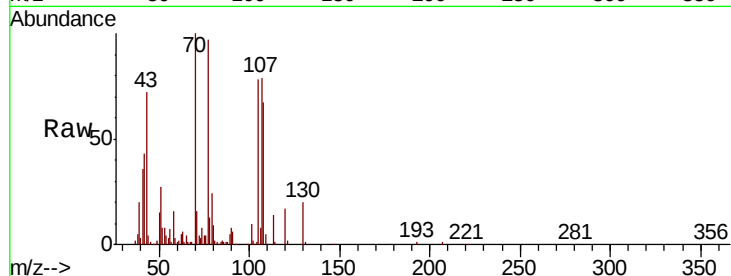
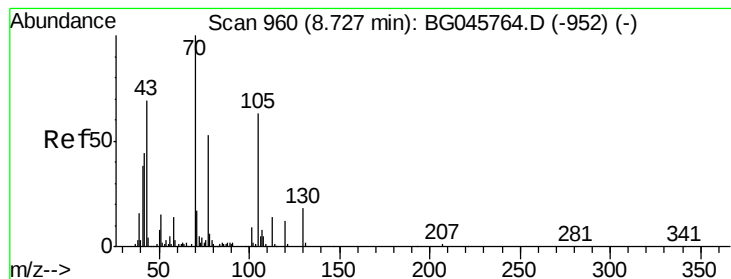
201 129.4 95.5 143.3

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: 36.794 ng

RT: 8.73 min Scan# 961

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

Tot Ion: 70 Resp: 125896

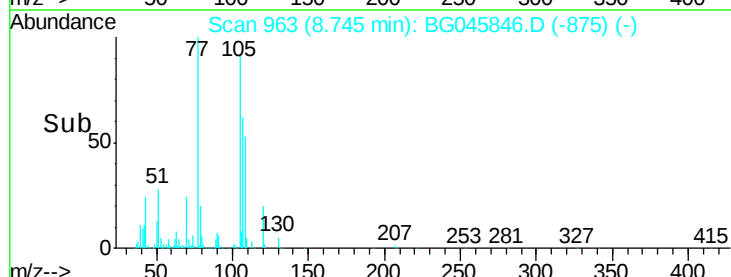
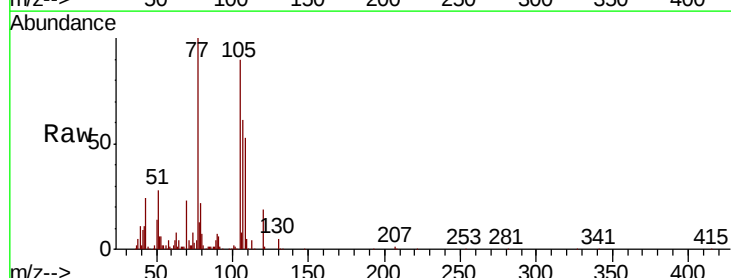
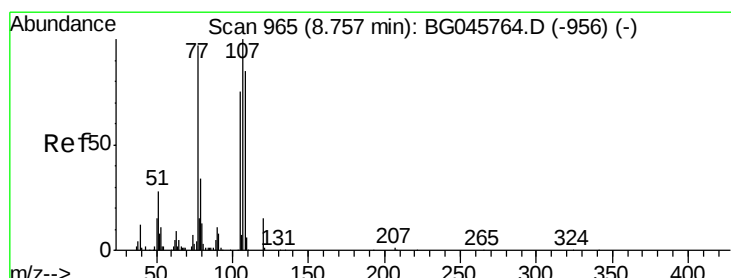
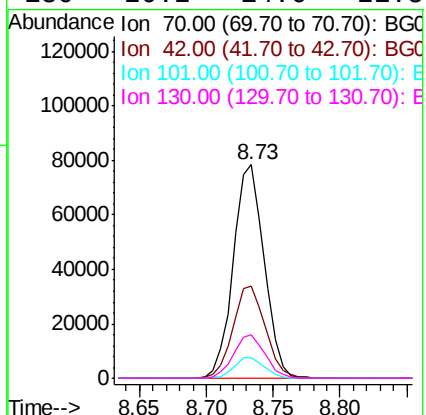
Ion Ratio Lower Upper

70 100

42 43.0 35.1 52.7

101 9.9 7.4 11.0

130 20.2 14.6 21.8



#20

3+4-Methylphenols

Concen: 36.456 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion: 107 Resp: 179931

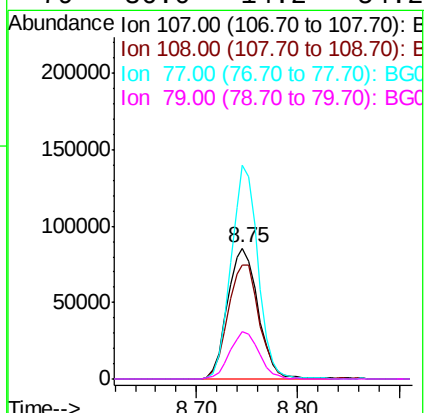
Ion Ratio Lower Upper

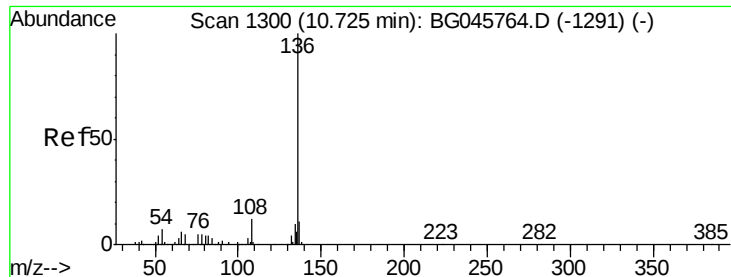
107 100

108 86.9 65.4 105.4

77 162.8 77.2 117.2#

79 36.0 14.2 54.2

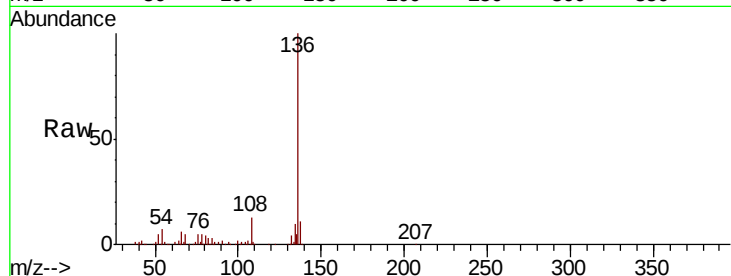




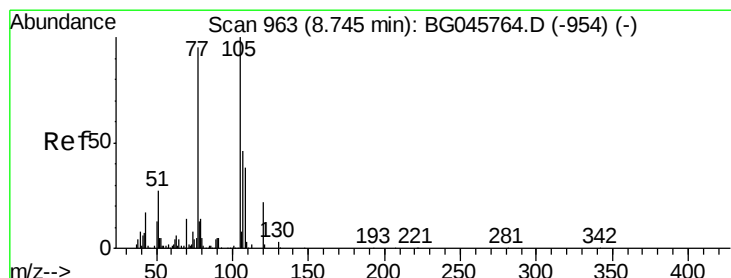
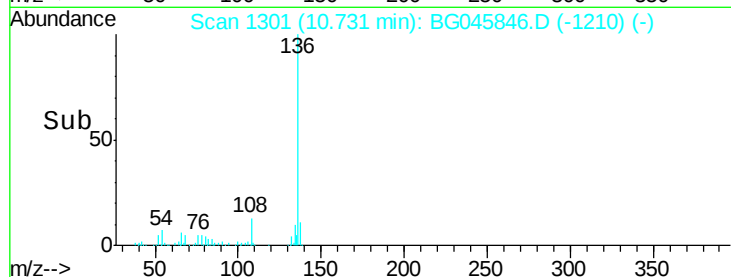
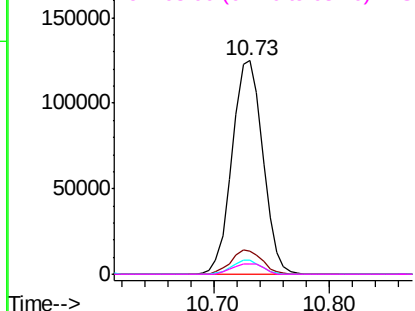
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:136	Resp:	231054	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.7	13.1	
54 6.6	5.8	8.6	
68 4.8	4.0	6.0	

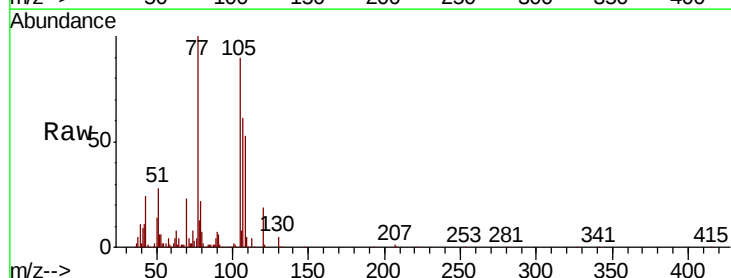


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

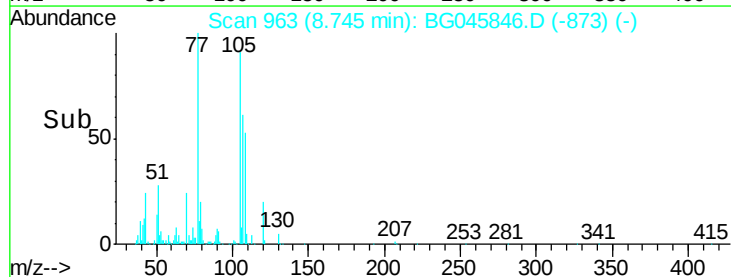
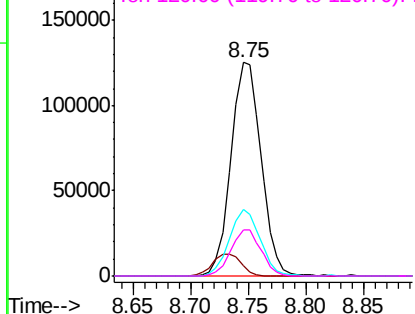


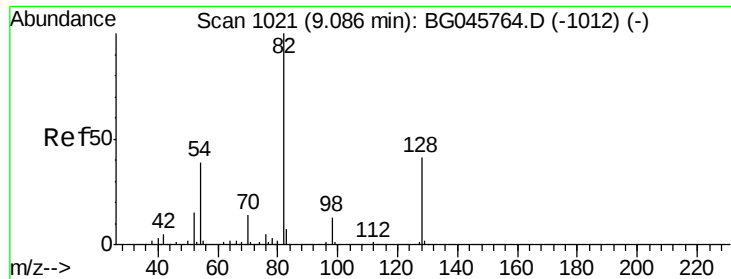
#22
Acetophenone
Concen: 35.796 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt	Ion:105	Resp:	227006
Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.8	2.8#
51	31.5	21.9	32.9
120	21.6	17.3	25.9



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

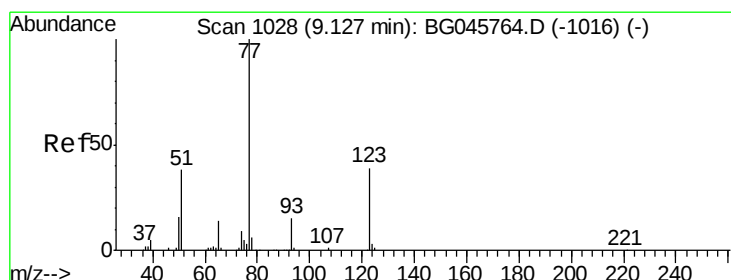
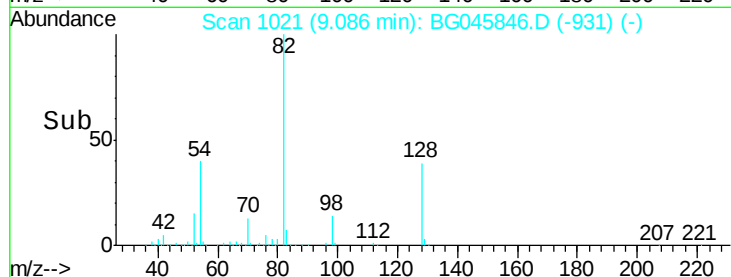
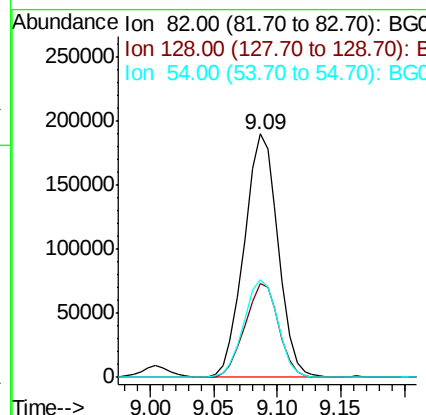
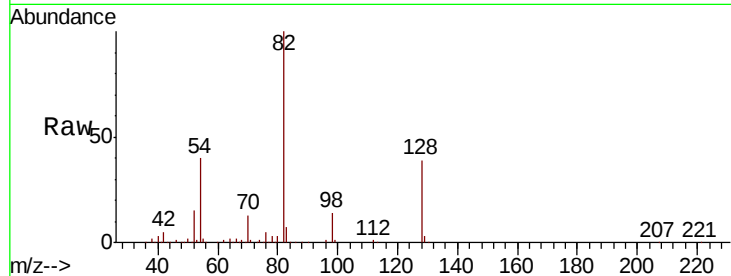




#23
 Nitrobenzene-d5
 Concen: 69.265 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

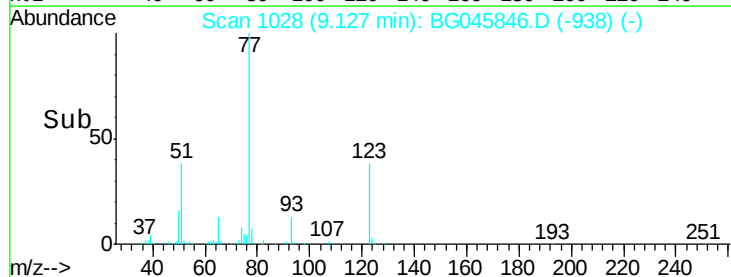
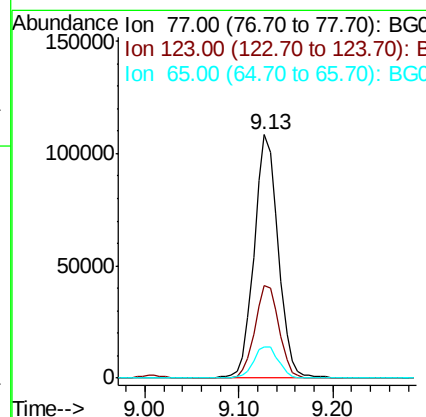
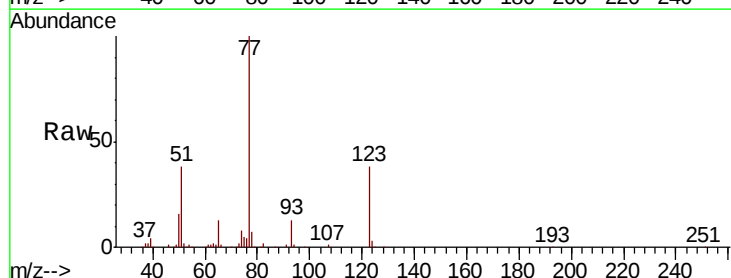
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

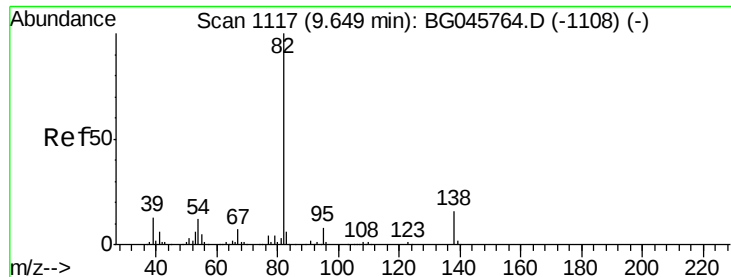
Tot Ion	82	Resp	350324
Ion Ratio	100	Lower	Upper
128	38.5	32.5	48.7
54	40.1	31.2	46.8



#24
 Nitrobenzene
 Concen: 35.662 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion	77	Resp	192317
Ion Ratio	100	Lower	Upper
123	38.3	31.2	46.8
65	12.9	11.4	17.2





#25

Isophorone

Concen: 34.856 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

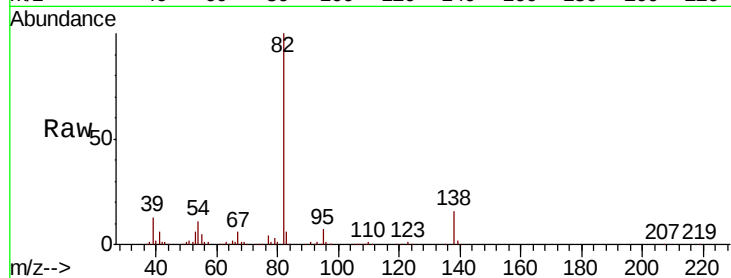
Tot Ion: 82 Resp: 341284

Ion Ratio Lower Upper

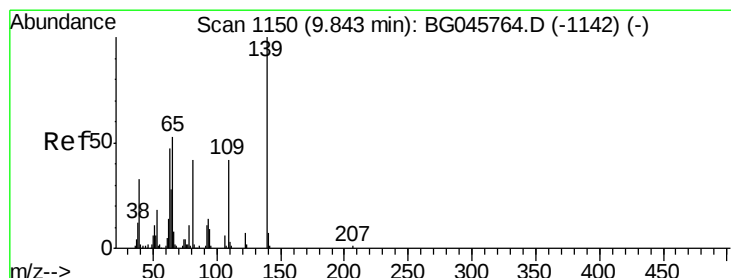
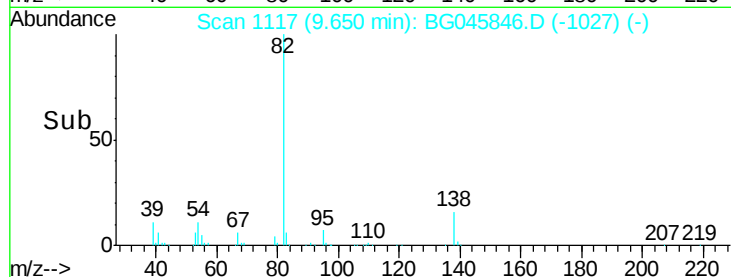
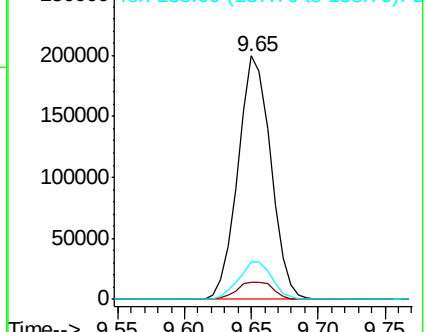
82 100

95 7.1 6.2 9.4

138 15.5 12.6 18.8



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: 37.302 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

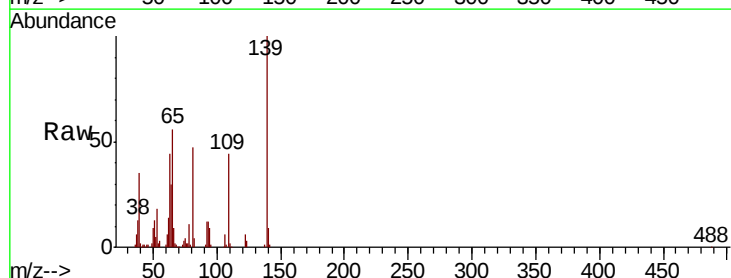
Tgt Ion: 139 Resp: 83806

Ion Ratio Lower Upper

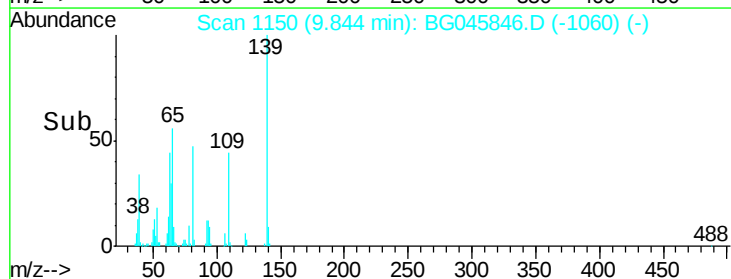
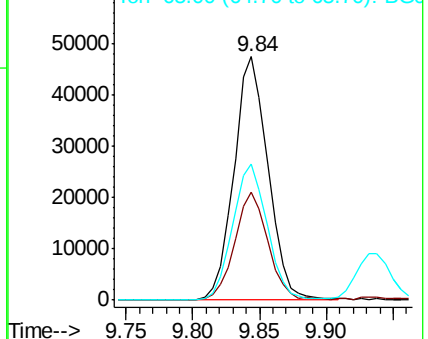
139 100

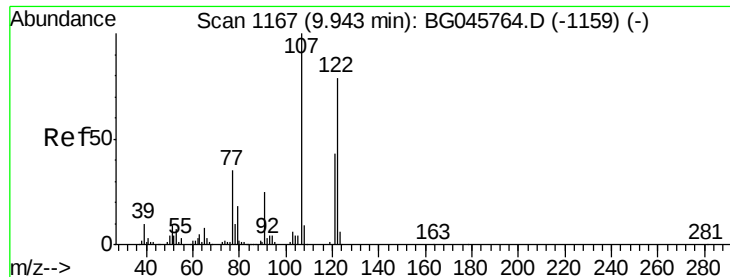
109 44.1 33.5 50.3

65 56.1 42.2 63.4



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

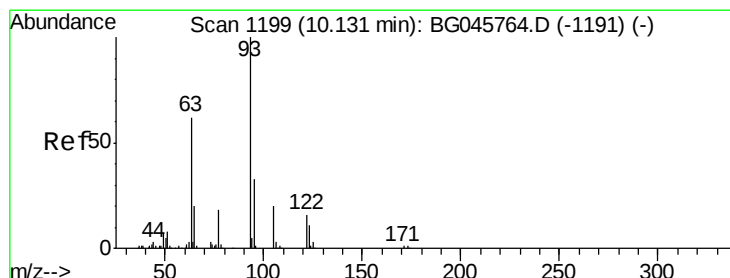
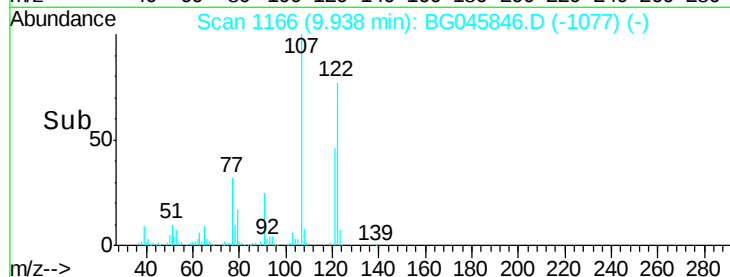
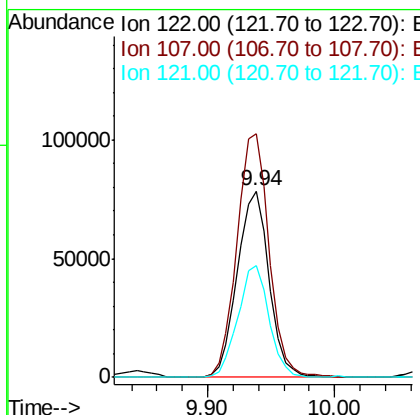
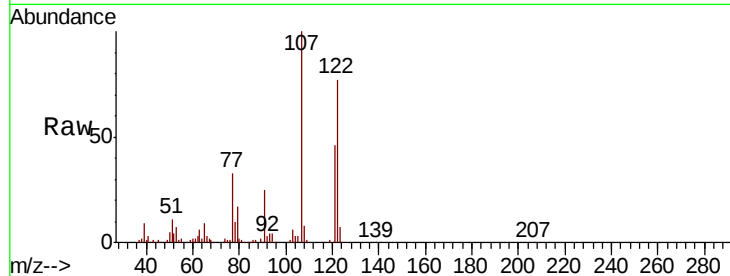




#27
 2,4-Dimethylphenol
 Concen: 39.752 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

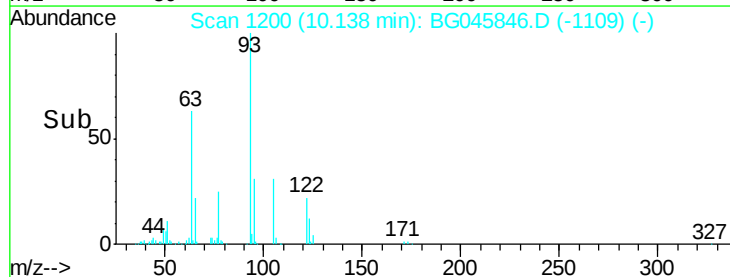
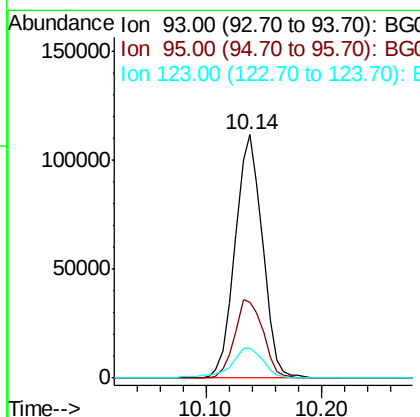
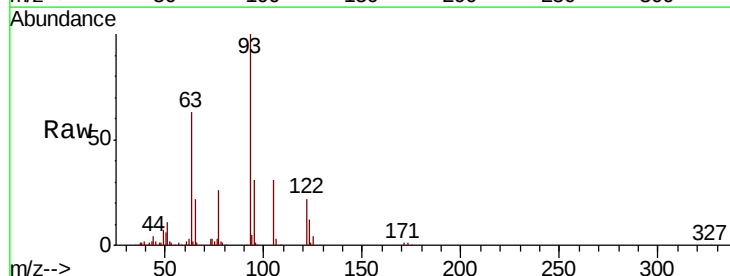
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.6	101.3	151.9
121	59.8	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.831 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.3	39.5
123	12.2	9.3	13.9

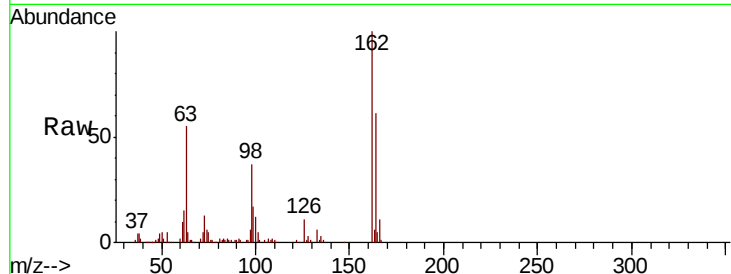




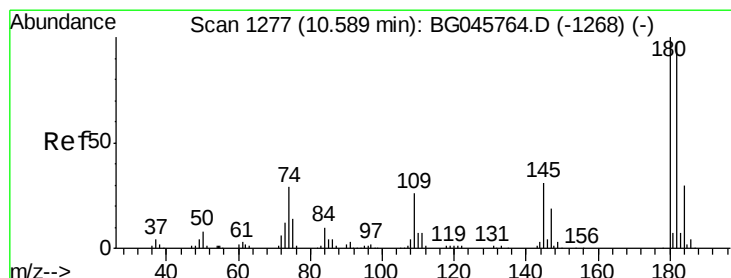
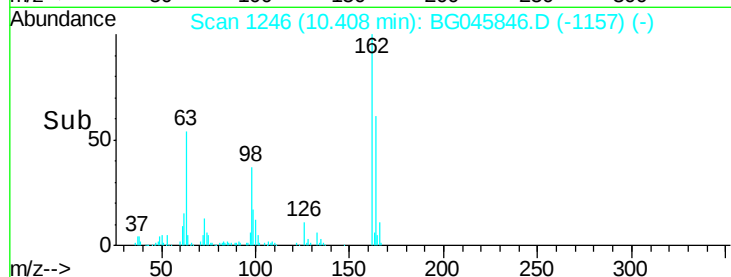
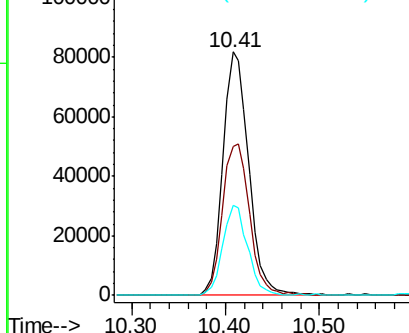
#29
2,4-Dichlorophenol
Concen: 39.080 ng
RT: 10.41 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleID :
PB129750BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	43.3	83.3
98	37.2	15.5	55.5

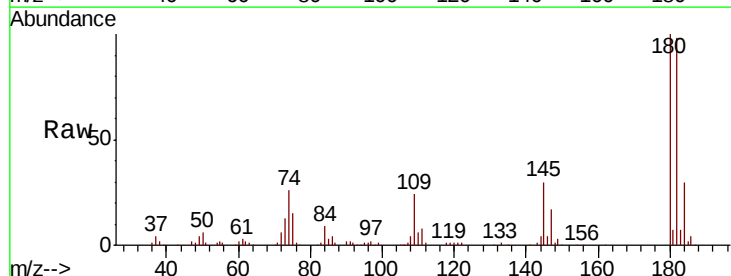


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

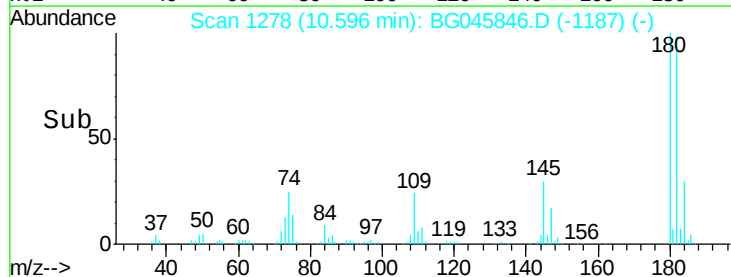
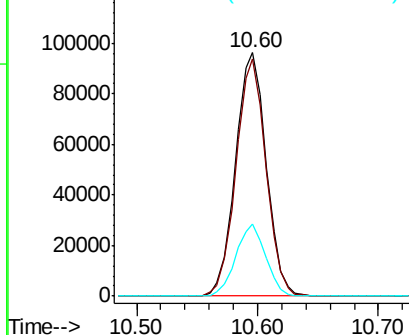


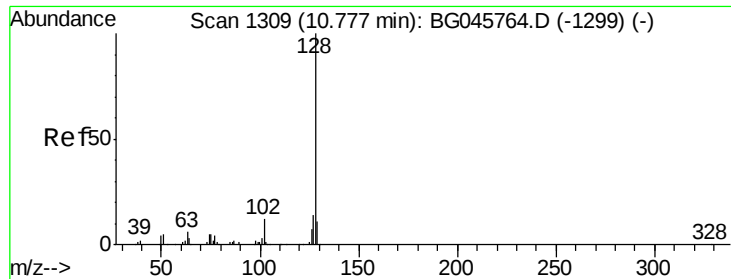
#30
1,2,4-Trichlorobenzene
Concen: 35.954 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.8	116.6
145	29.6	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

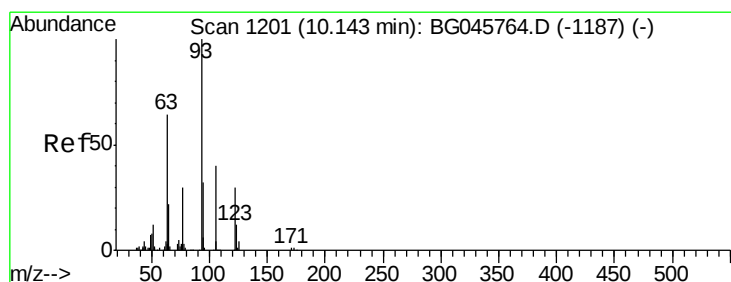
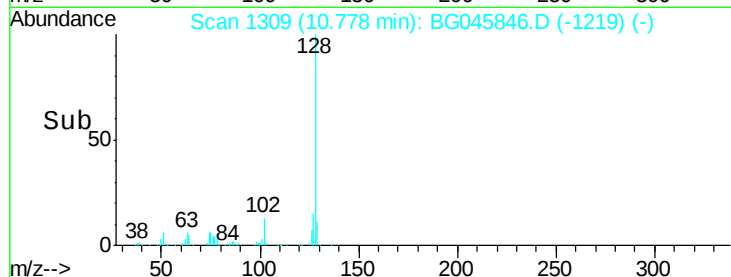
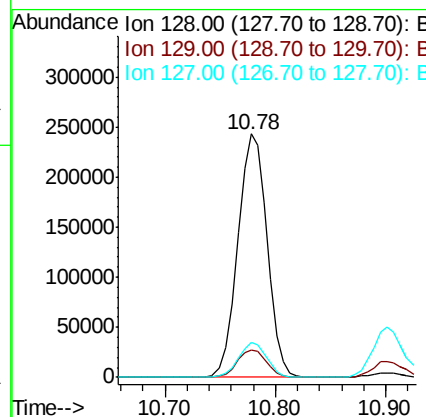
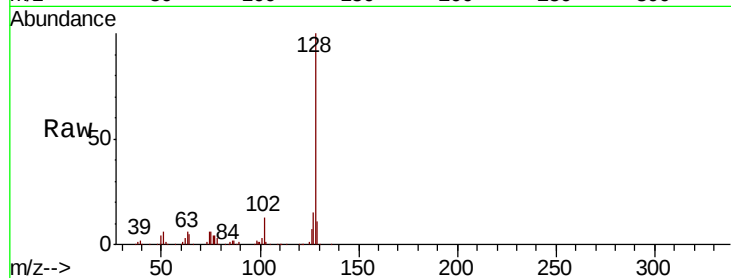




#31
Naphthalene
Concen: 35.759 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

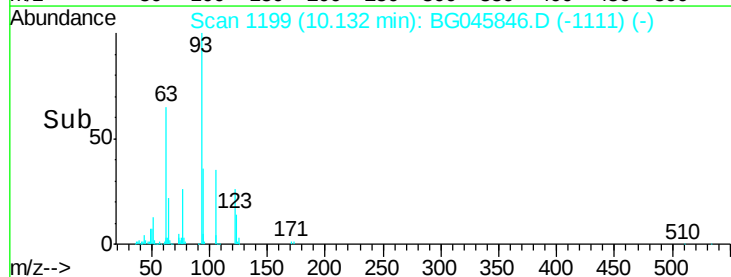
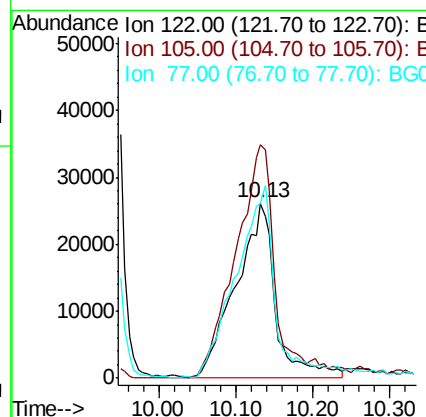
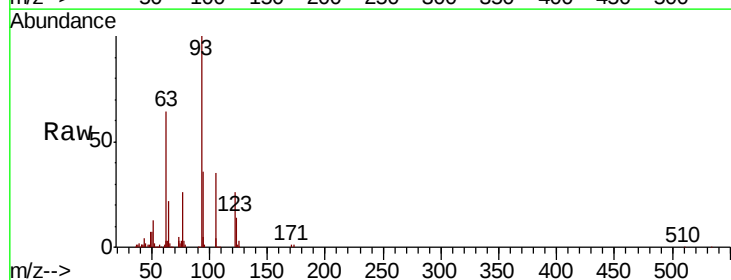
Instrument :
BNA_G
ClientSampleId :
PB129750BS

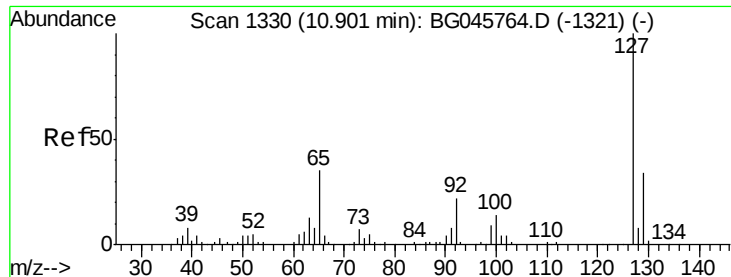
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	14.6	10.9	16.3



#32
Benzoic acid
Concen: 43.417 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	112.9	152.9
77	99.9	79.2	119.2

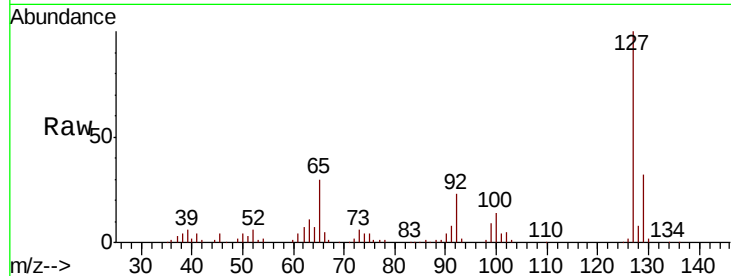




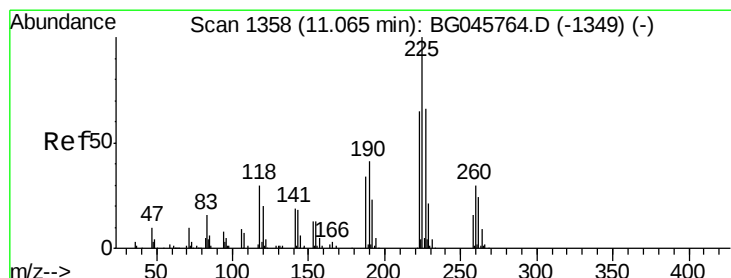
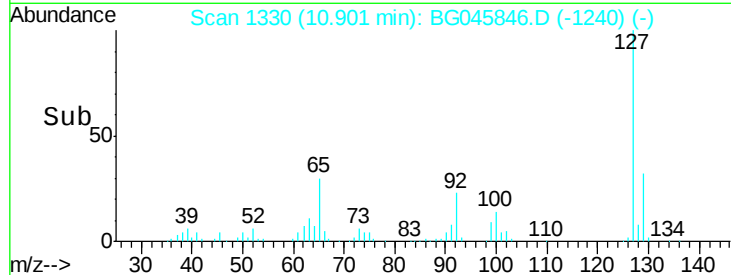
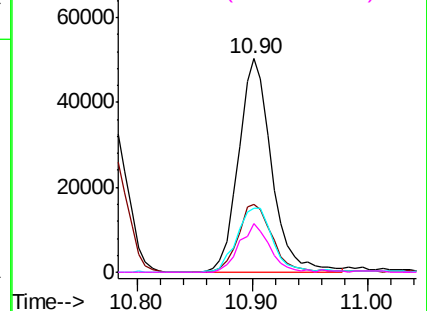
#33
4-Chloroaniline
Concen: 18.837 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:127 Resp: 99646
Ion Ratio Lower Upper
127 100
129 31.6 26.8 40.2
65 29.8 27.8 41.8
92 22.6 17.3 25.9

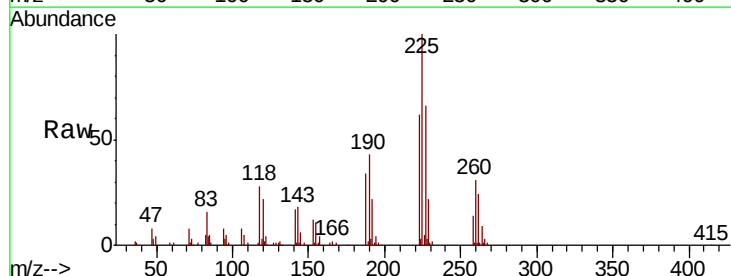


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

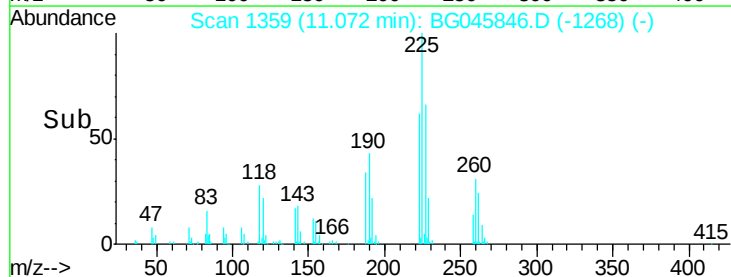
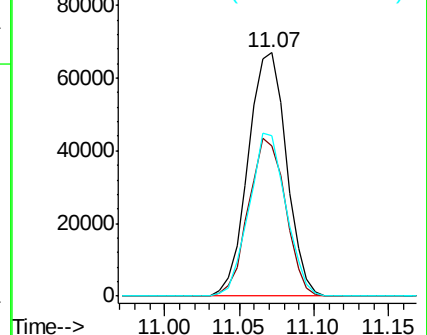


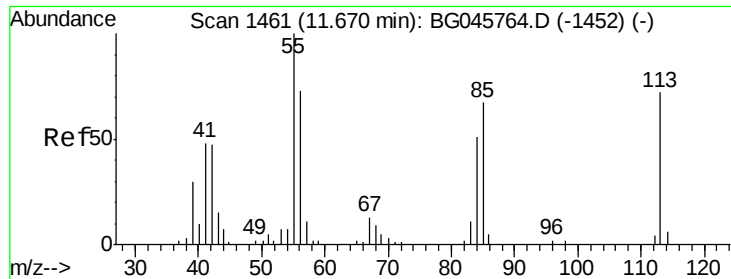
#34
Hexachlorobutadiene
Concen: 35.212 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:225 Resp: 118644
Ion Ratio Lower Upper
225 100
223 61.7 52.0 78.0
227 66.0 52.5 78.7



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: 29.093 ng

RT: 11.68 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

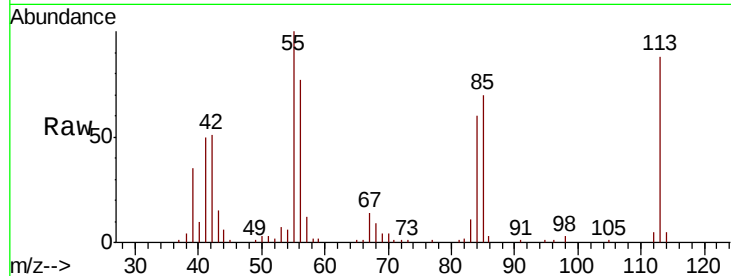
Tot Ion:113 Resp: 37676

Ion Ratio Lower Upper

113 100

55 113.9 119.7 159.7#

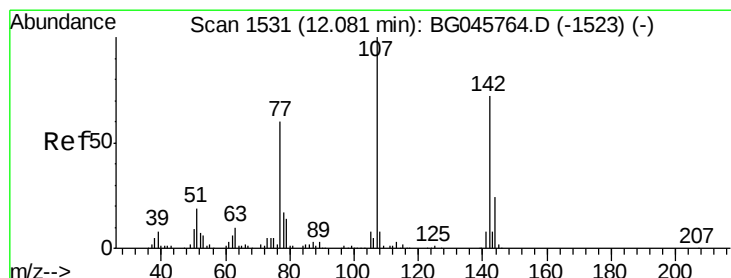
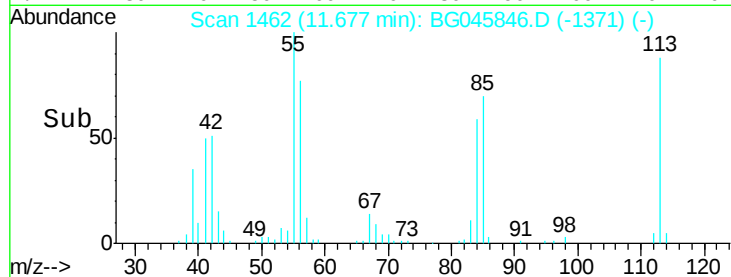
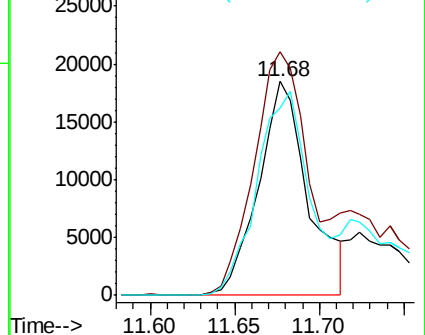
56 87.8 82.5 122.5



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: 38.104 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

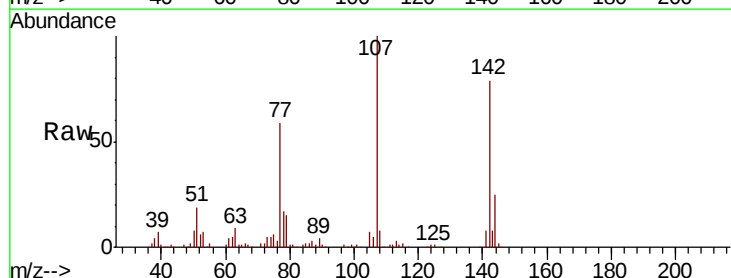
Tgt Ion:107 Resp: 176066

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

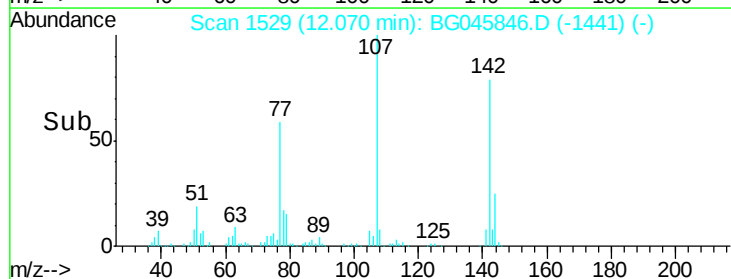
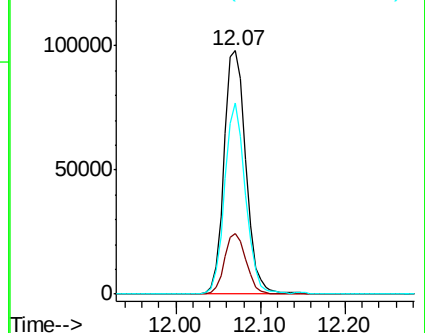
142 78.7 57.4 86.0

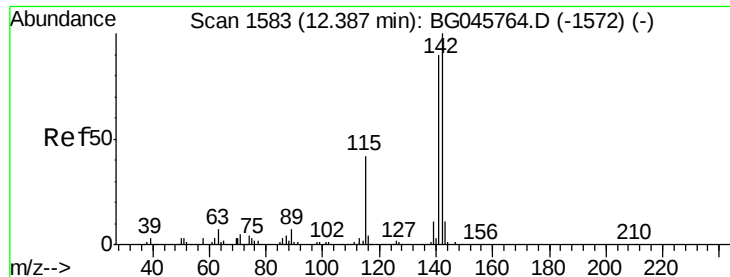


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

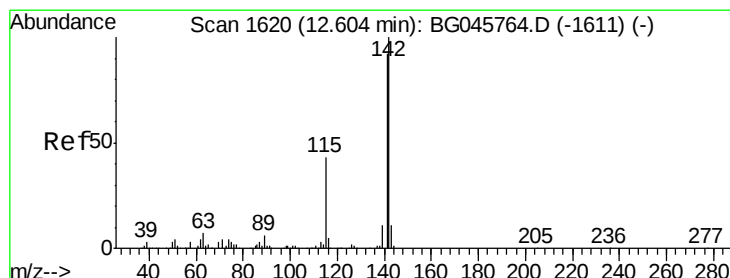
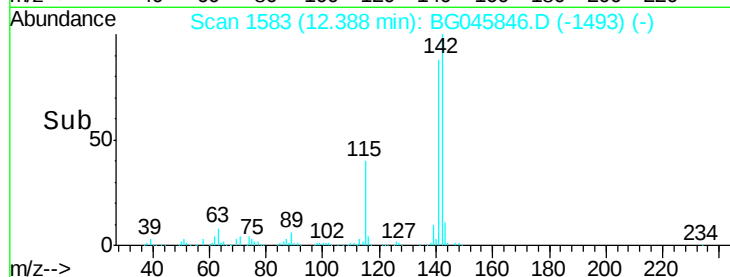
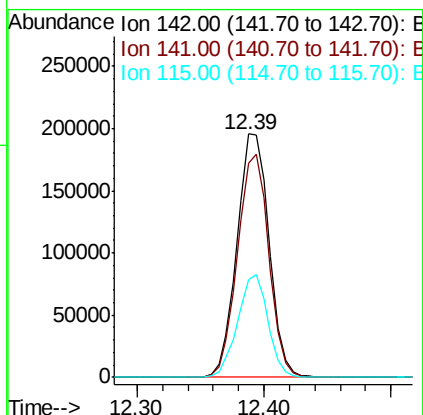
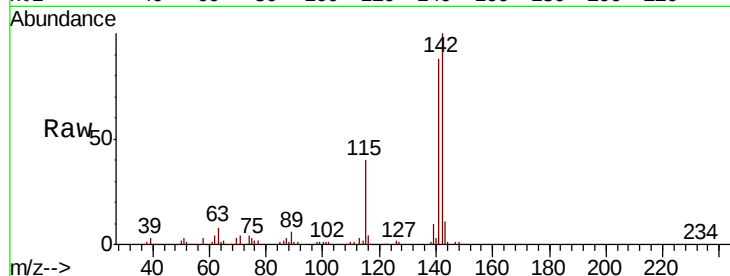




#37
2-Methylnaphthalene
Concen: 36.553 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

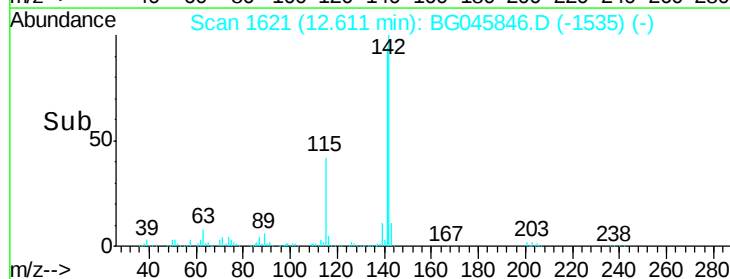
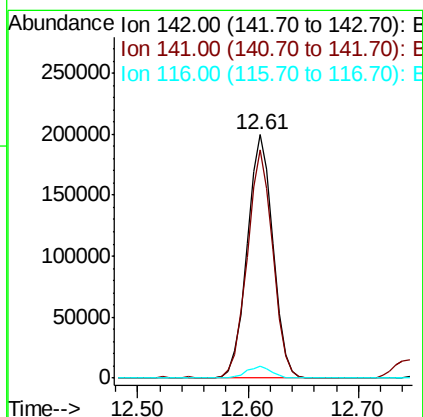
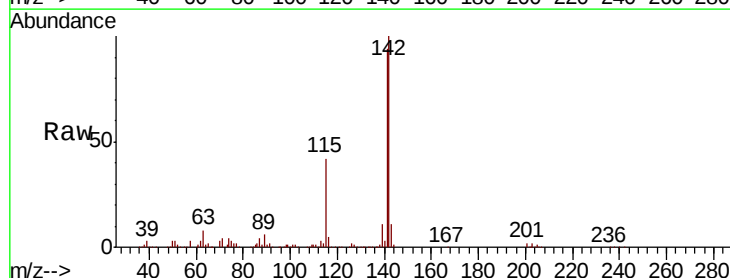
Instrument :
BNA_G
ClientSampleId :
PB129750BS

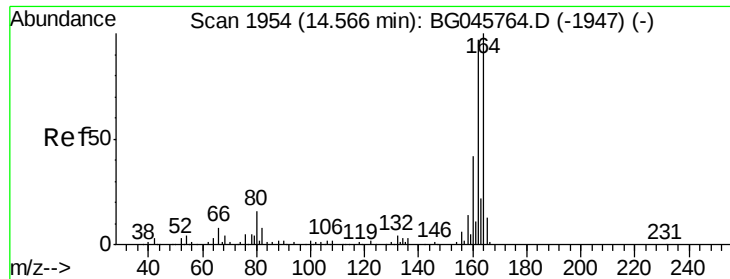
Tot Ion:142 Resp: 343832
Ion Ratio Lower Upper
142 100
141 87.9 71.7 107.5
115 39.9 33.8 50.6



#38
1-Methylnaphthalene
Concen: 36.634 ng
RT: 12.61 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:142 Resp: 326093
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.8
116 4.8 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

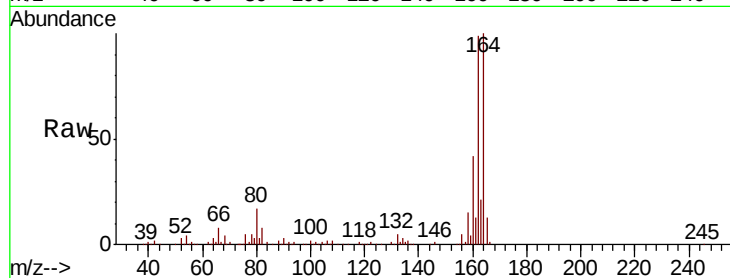
Tot Ion:164 Resp: 166130

Ion Ratio Lower Upper

164 100

162 99.5 77.4 116.0

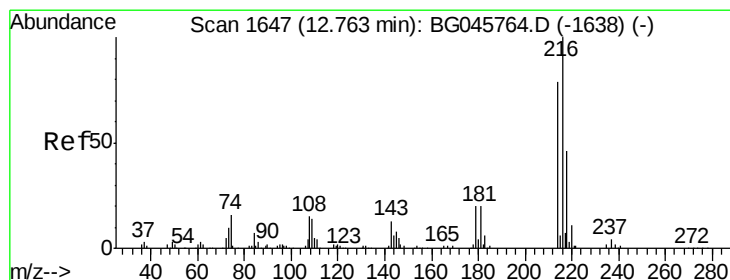
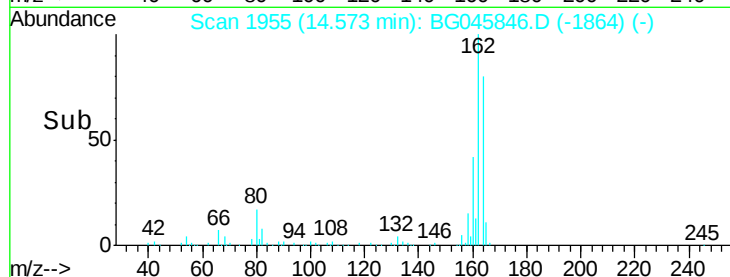
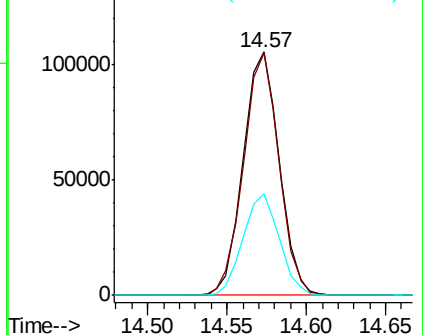
160 41.5 33.3 49.9



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: 35.320 ng

RT: 12.76 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion:216 Resp: 193209

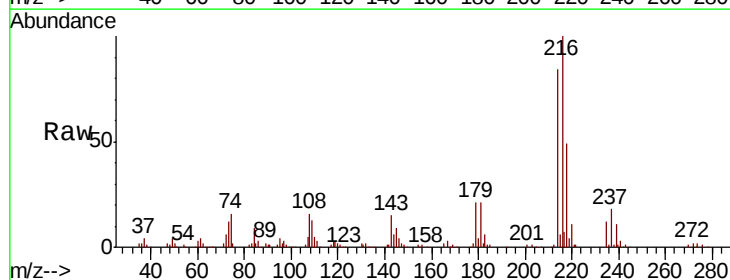
Ion Ratio Lower Upper

216 100

214 79.1 62.8 94.2

179 20.1 16.2 24.4

108 19.5 13.4 20.2

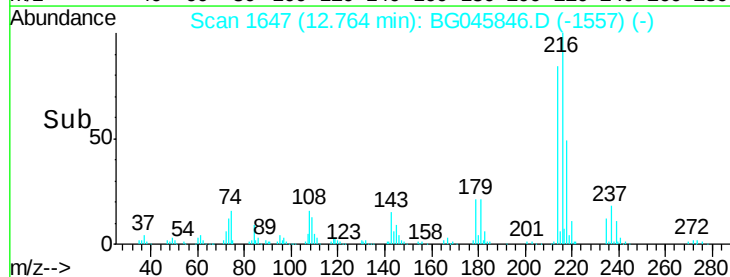
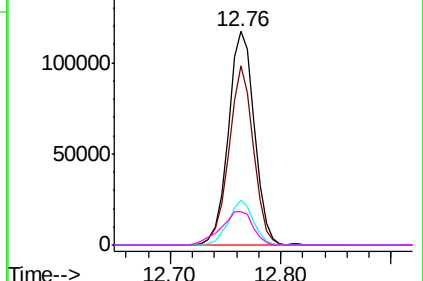


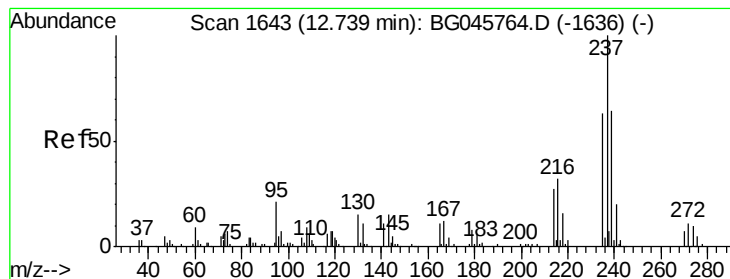
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.535 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

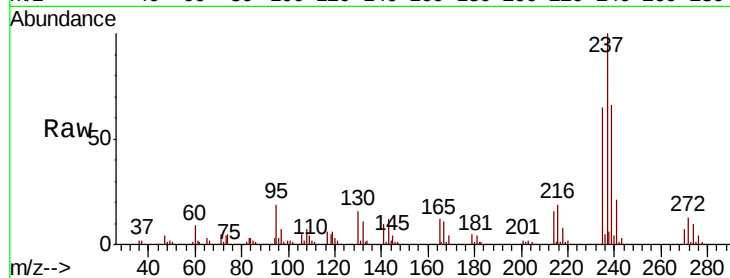
Tot Ion:237 Resp: 223274

Ion Ratio Lower Upper

237 100

235 65.3 42.9 82.9

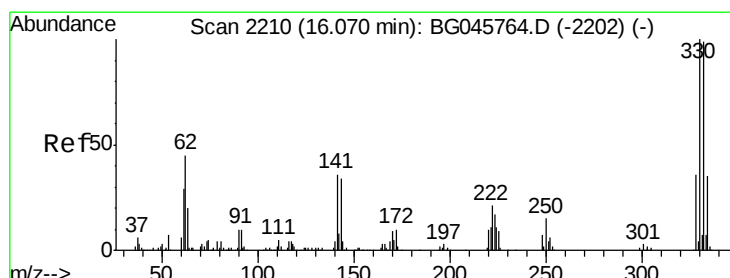
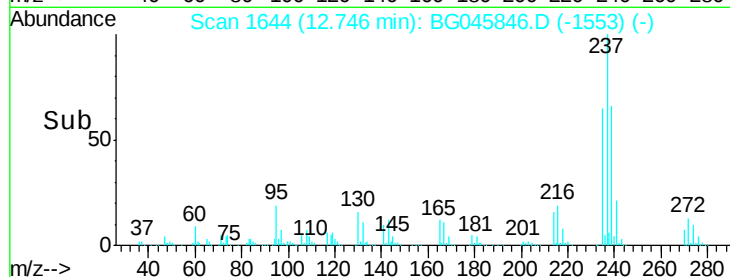
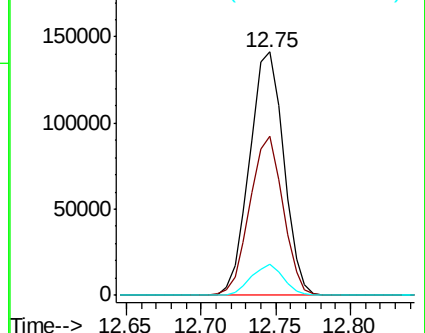
272 12.6 0.0 30.9



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: 97.624 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

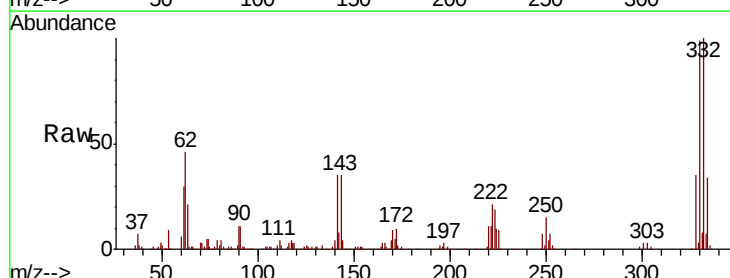
Tgt Ion:330 Resp: 244853

Ion Ratio Lower Upper

330 100

332 98.4 78.6 117.8

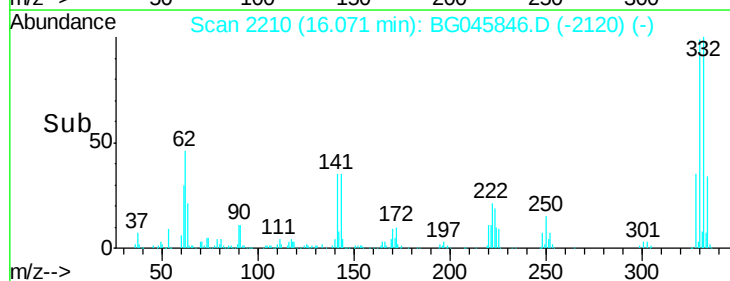
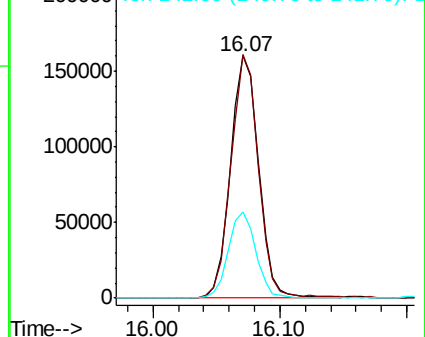
141 34.7 28.2 42.4

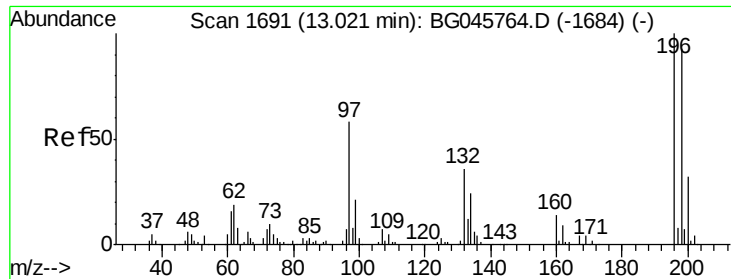


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

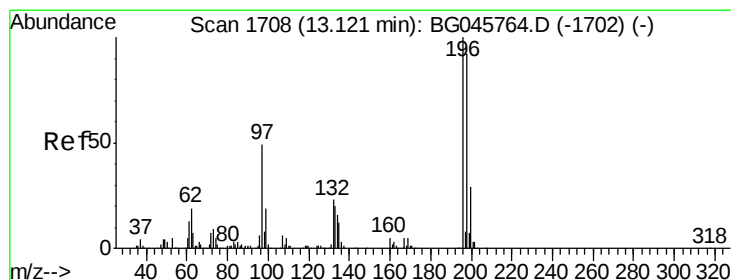
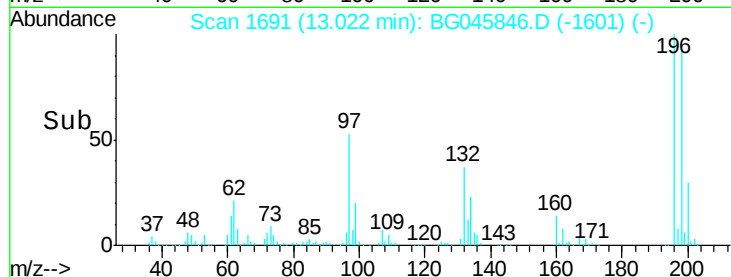
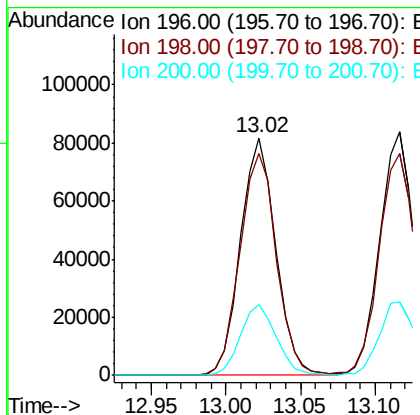
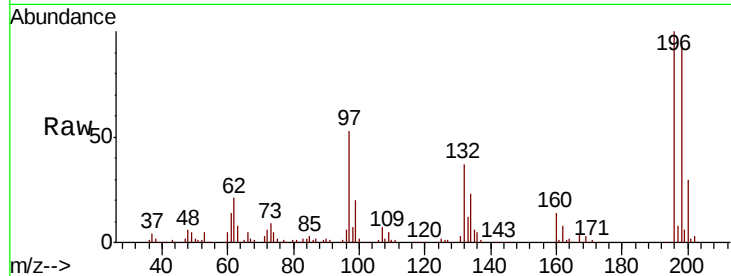




#43
 2,4,6-Trichlorophenol
 Concen: 36.145 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

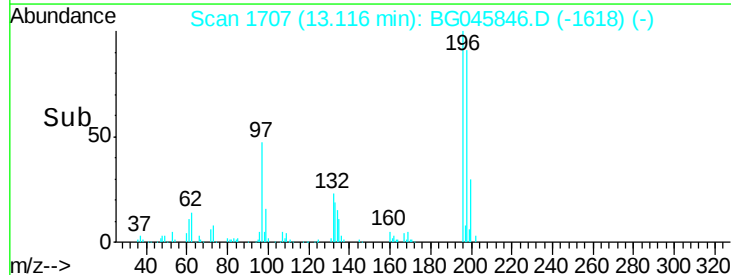
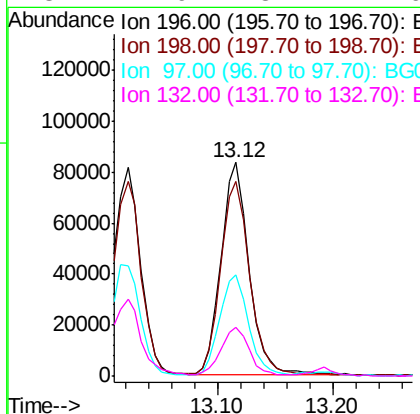
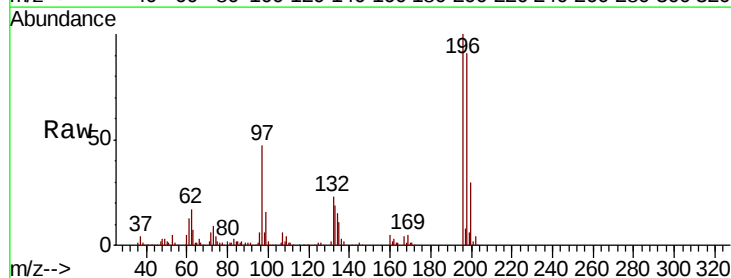
Instrument :
 BNA_G
 ClientSampled :
 PB129750BS

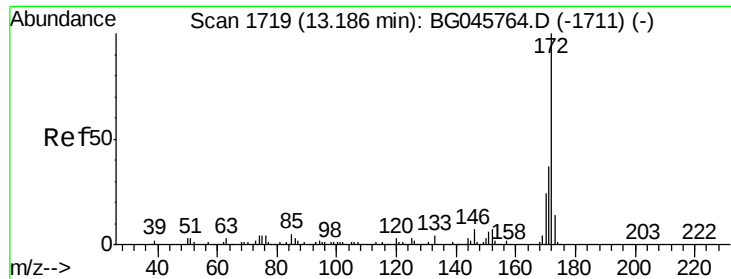
Tot Ion:196 Resp: 134057
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.4 111.6
 200 29.8 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 33.111 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion:196 Resp: 139962
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.0 111.0
 97 47.2 39.0 58.6
 132 22.9 18.4 27.6

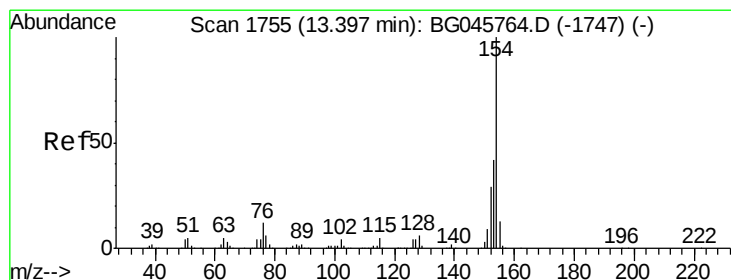
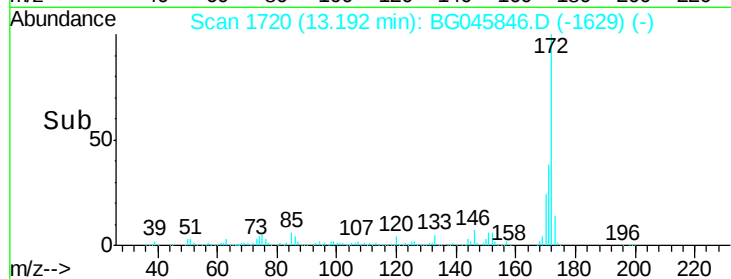
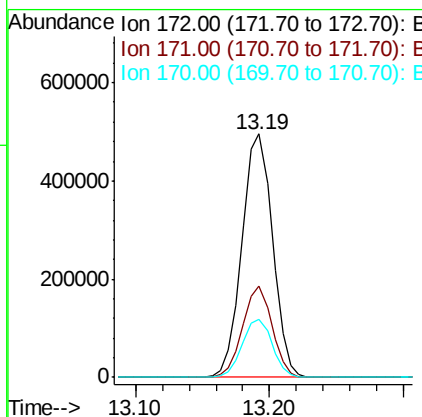
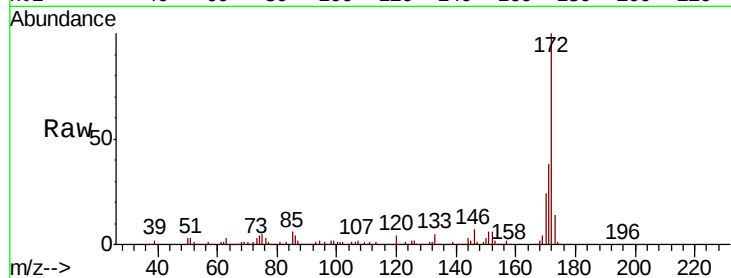




#45
2-Fluorobiphenyl
Concen: 69.450 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

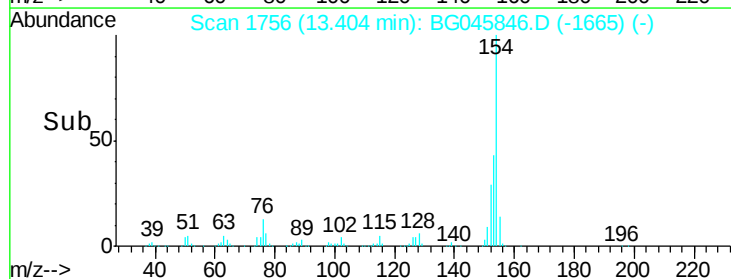
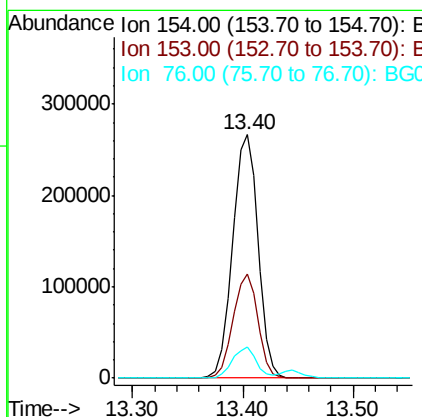
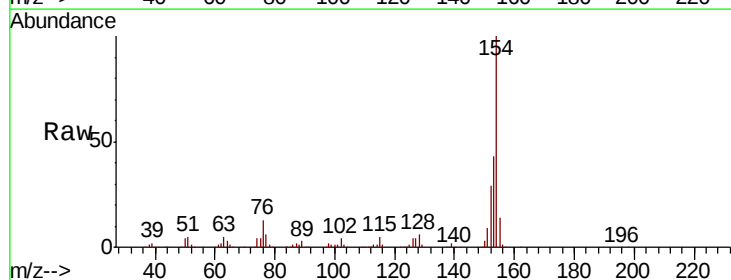
Instrument :
BNA_G
ClientSampleId :
PB129750BS

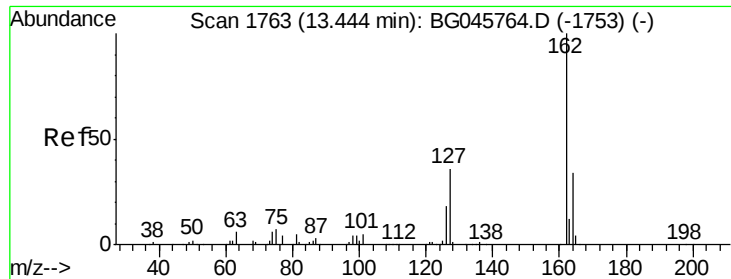
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	23.7	19.3	28.9



#46
1,1'-Biphenyl
Concen: 36.187 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.7	61.7
76	12.7	0.0	32.0

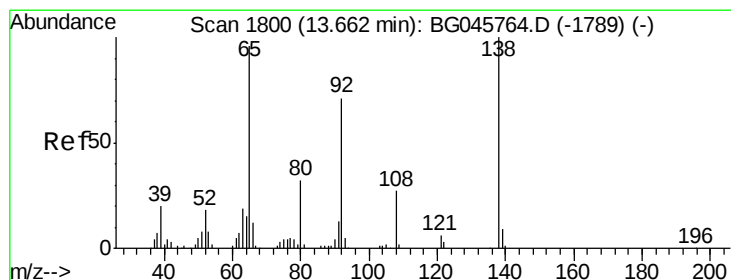
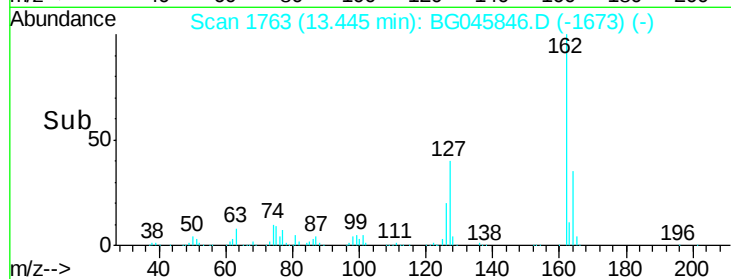
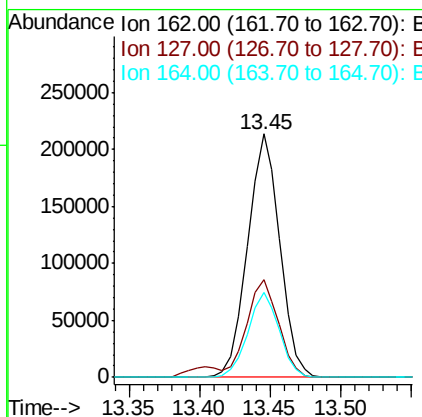
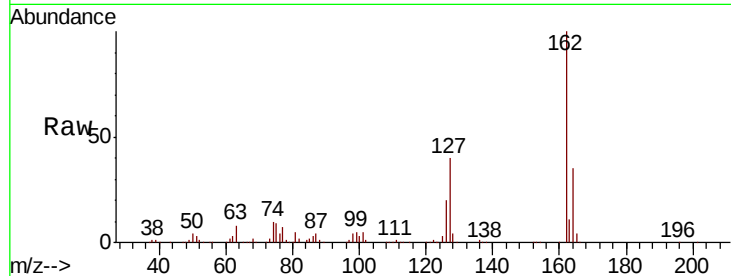




#47
2-Chloronaphthalene
Concen: 35.441 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

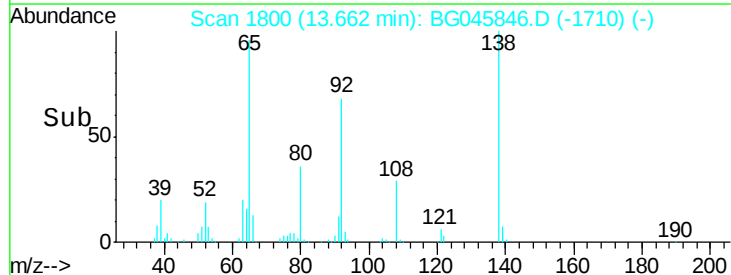
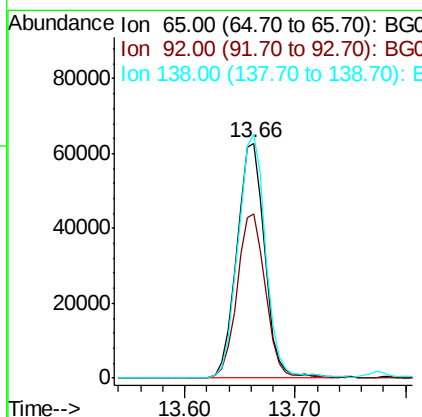
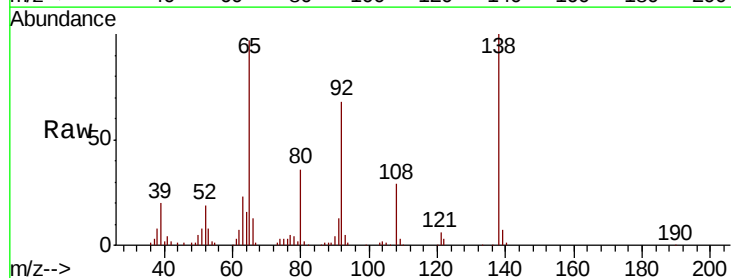
Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.5	45.7
164	34.9	27.2	40.8



#48
2-Nitroaniline
Concen: 34.931 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	59.0	88.6
138	103.6	83.6	125.4





#49

Acenaphthylene

Concen: 35.392 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

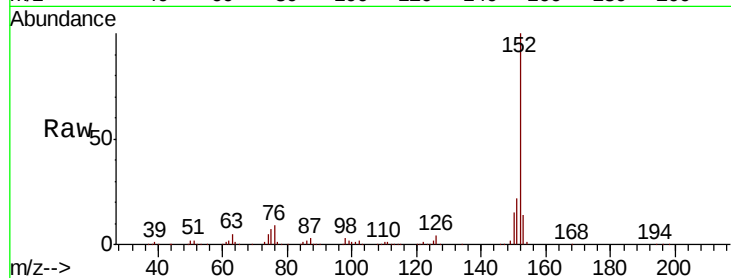
Tot Ion:152 Resp: 544661

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.4

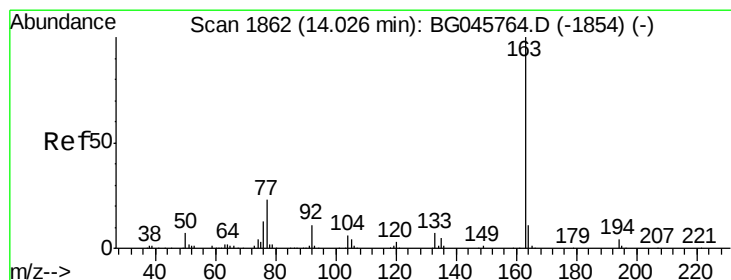
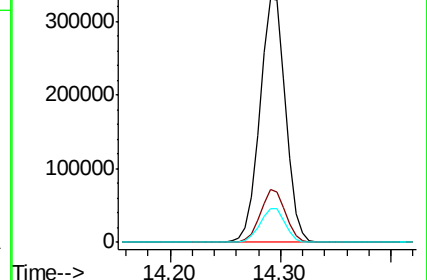
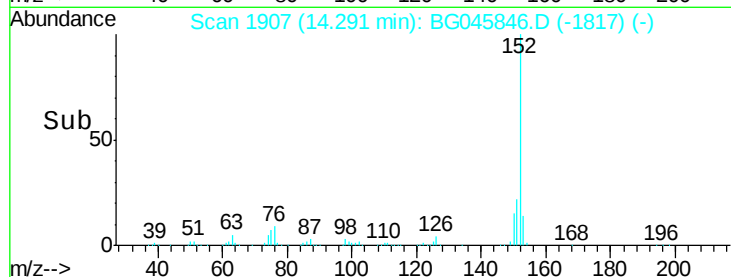
153 14.1 10.6 15.8



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: 34.932 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

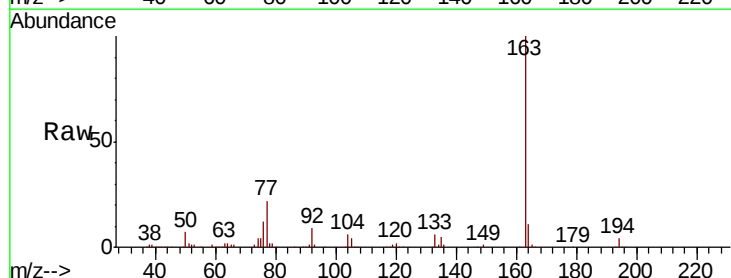
Tgt Ion:163 Resp: 454622

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

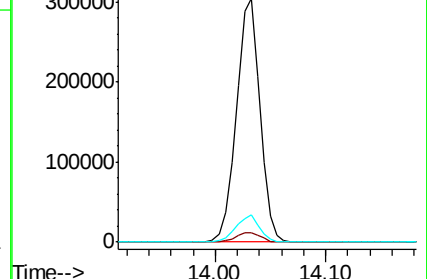
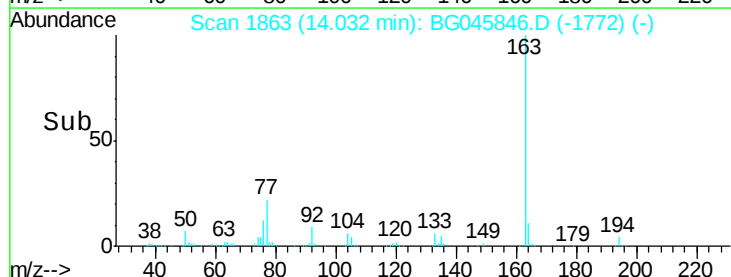
164 11.0 8.9 13.3

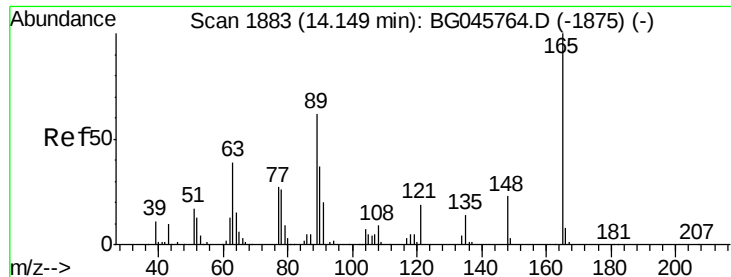


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.111 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

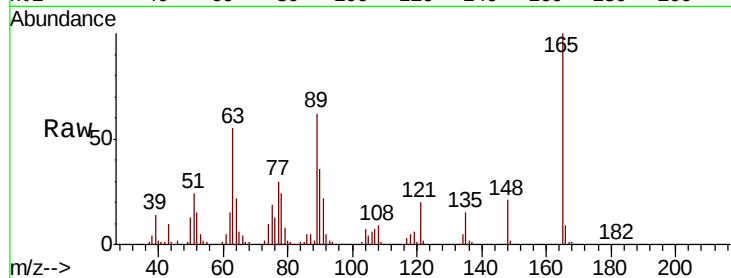
Tot Ion:165 Resp: 105557

Ion Ratio Lower Upper

165 100

63 55.4 41.2 61.8

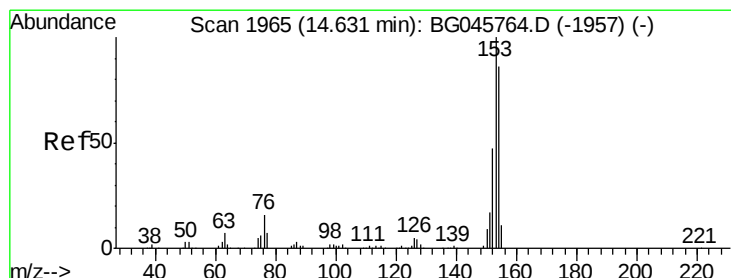
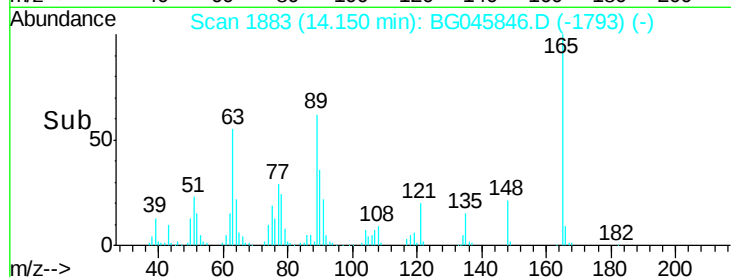
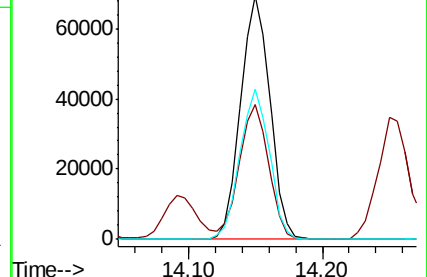
89 61.6 49.7 74.5



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: 34.866 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

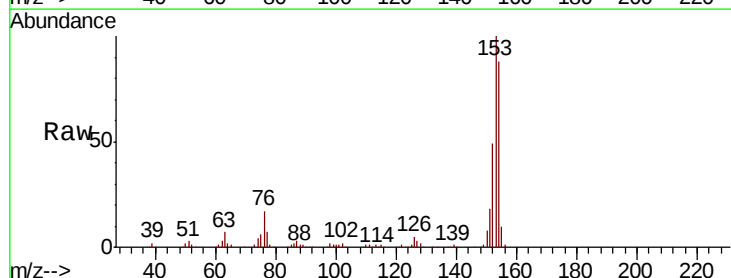
Tgt Ion:154 Resp: 325237

Ion Ratio Lower Upper

154 100

153 114.2 93.0 139.4

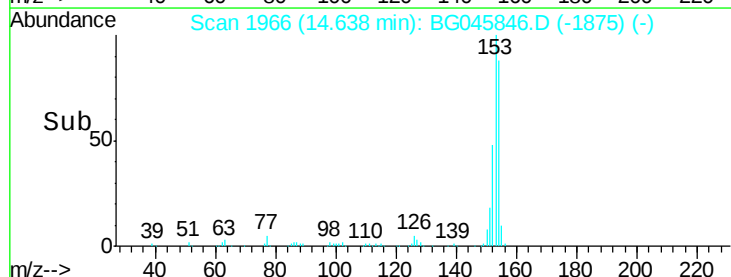
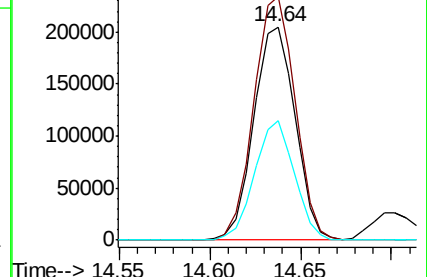
152 56.0 43.7 65.5



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

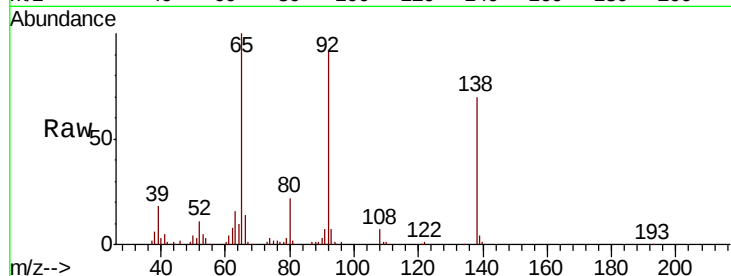




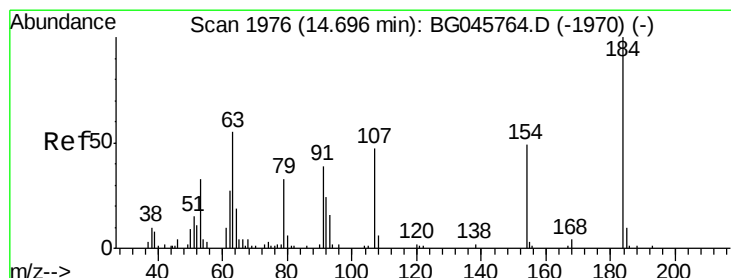
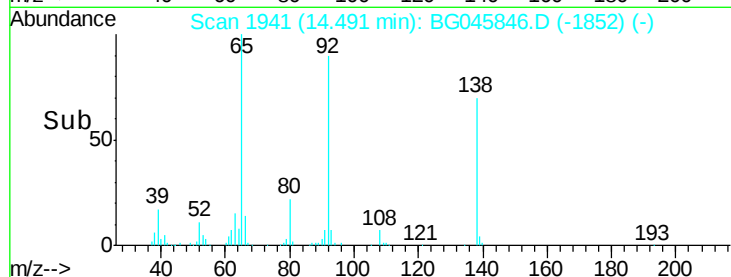
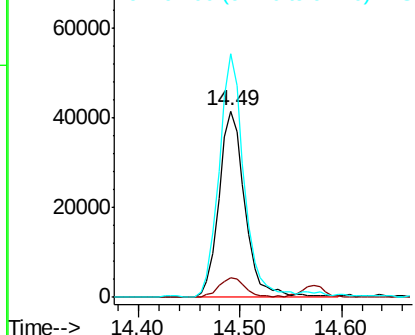
#53
3-Nitroaniline
Concen: 25.272 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:138 Resp: 73787
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 130.9 95.6 143.4

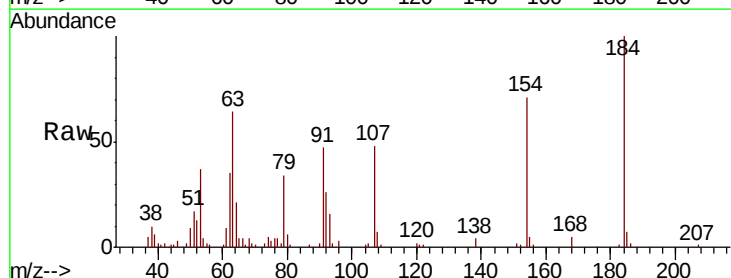


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

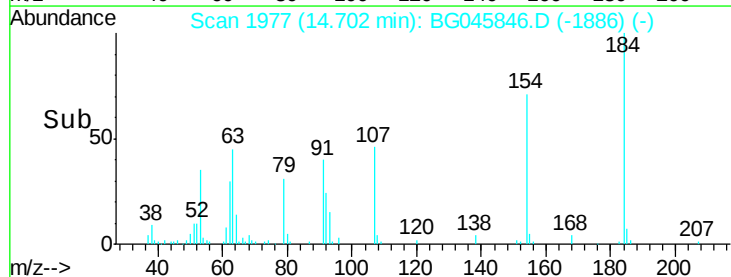
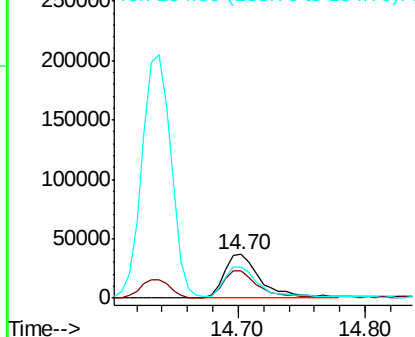


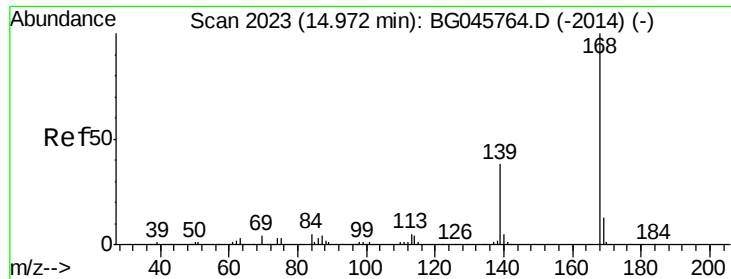
#54
2,4-Dinitrophenol
Concen: 50.085 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:184 Resp: 74620
Ion Ratio Lower Upper
184 100
63 64.0 46.6 70.0
154 70.7 58.6 87.8



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

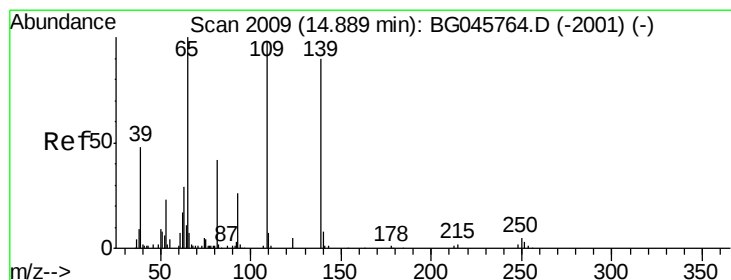
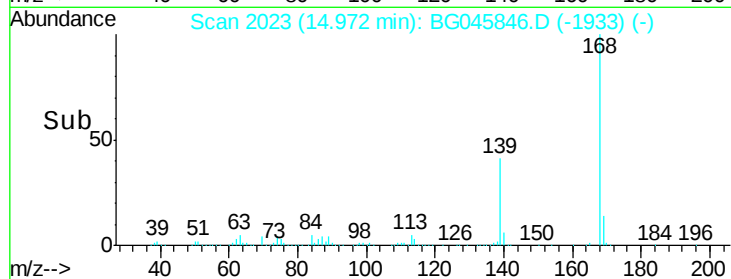
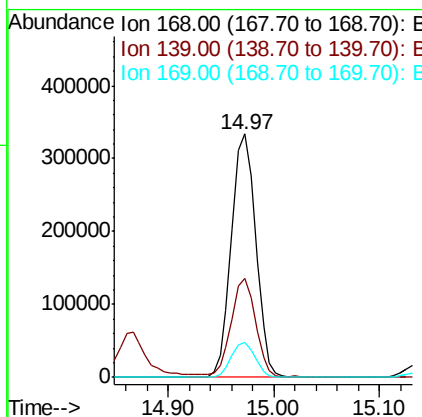
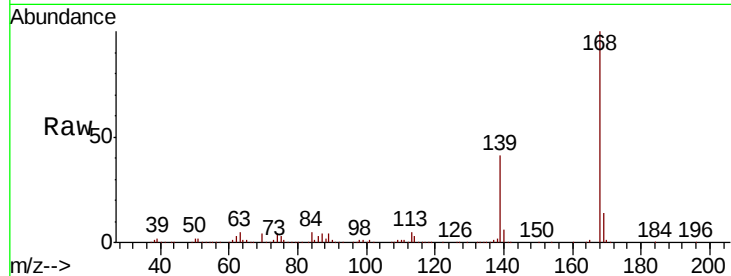




#55
Dibenzenofuran
Concen: 35.225 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

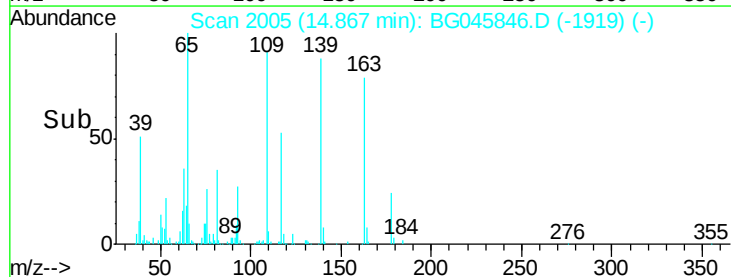
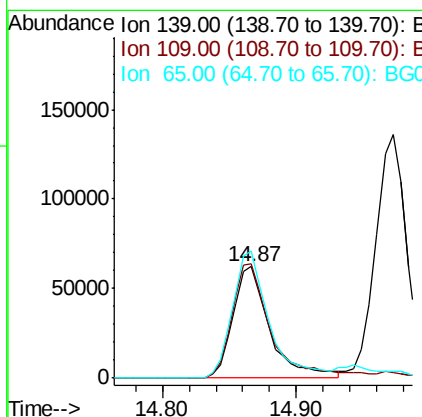
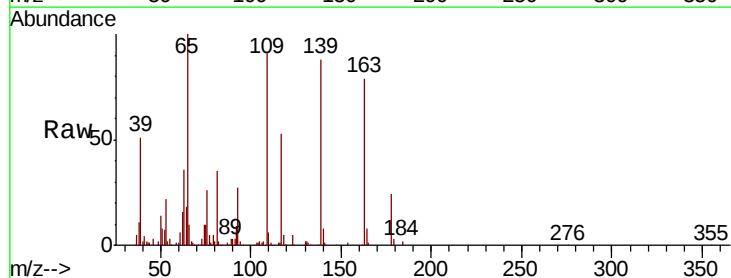
Instrument :
BNA_G
ClientSampleId :
PB129750BS

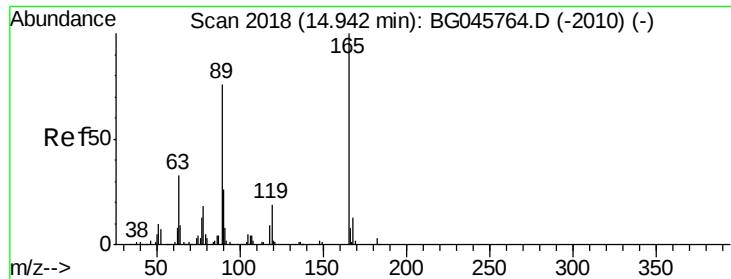
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.8	47.6
169	14.3	10.4	15.6



#56
4-Nitrophenol
Concen: 58.414 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.9	88.9	128.9
65	113.6	92.3	132.3

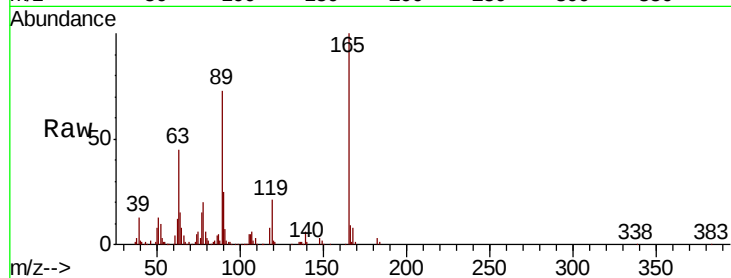




#57
2,4-Dinitrotoluene
Concen: 35.459 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	33.8	50.8
89	72.6	60.4	90.6
182	2.7	2.6	3.8

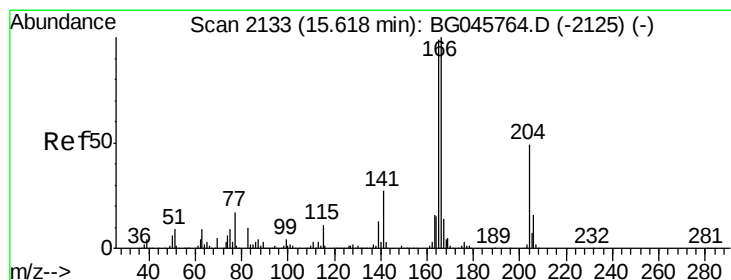
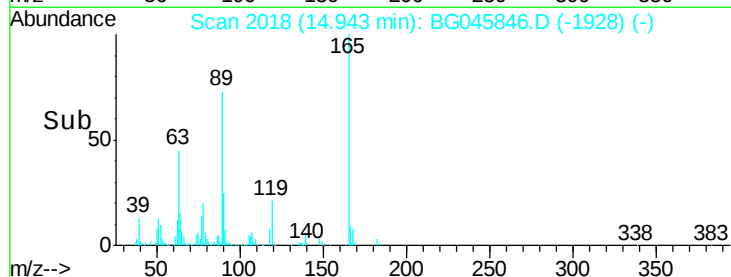
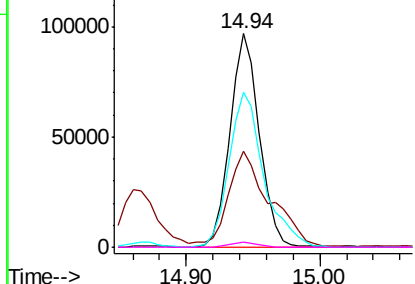


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

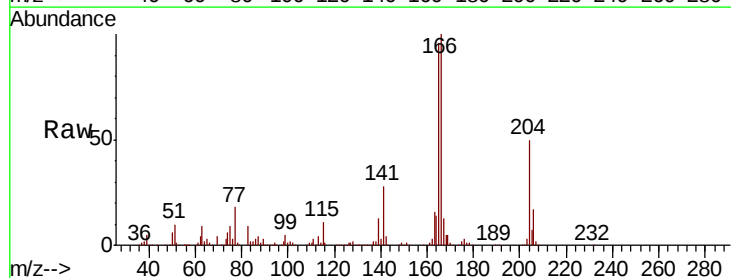
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.711 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

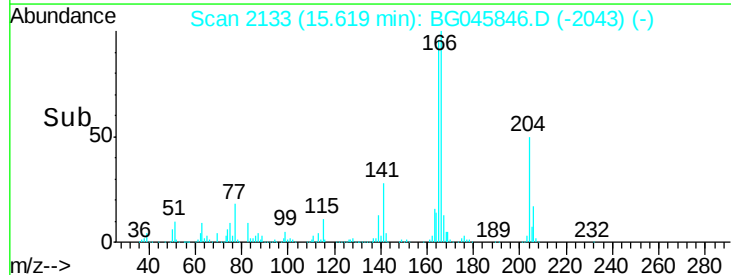
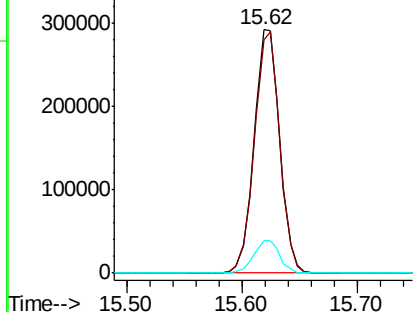
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.1	118.7
167	13.3	11.5	17.3

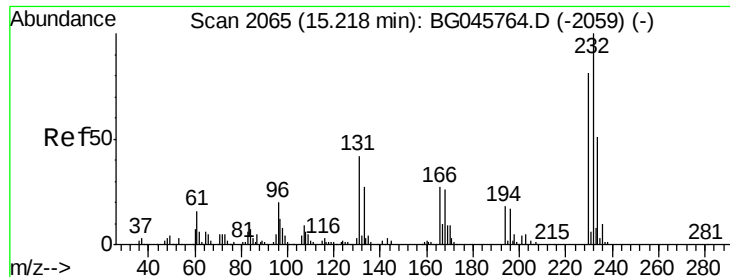


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

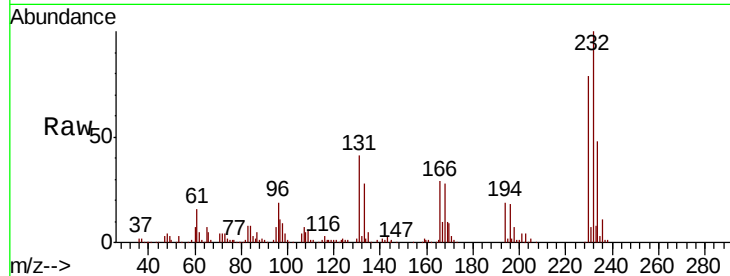




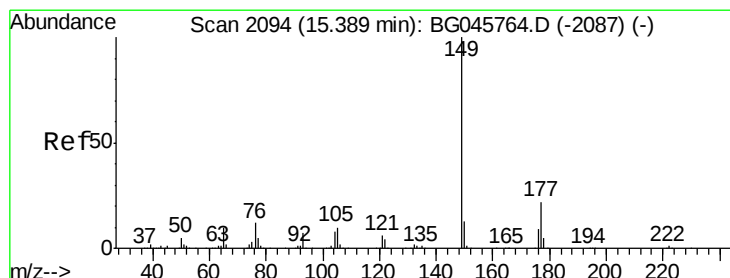
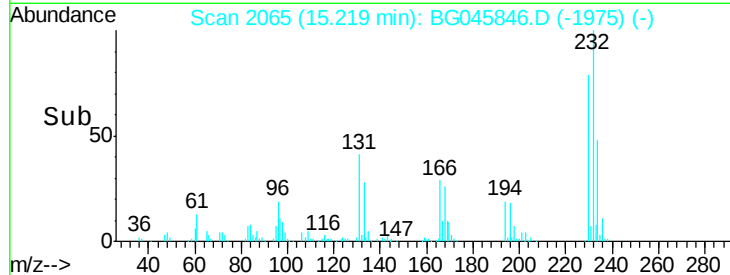
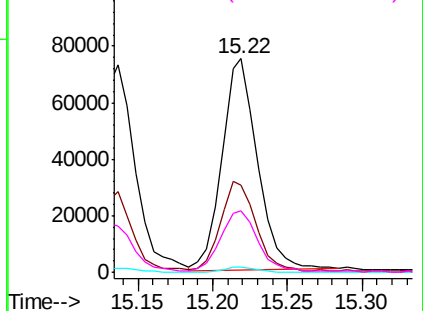
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.805 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

Tot Ion:232	Resp:	124022
Ion Ratio	Lower	Upper
232	100	
131	41.9	32.2 48.2
130	2.5	2.2 3.4
166	31.0	21.3 31.9

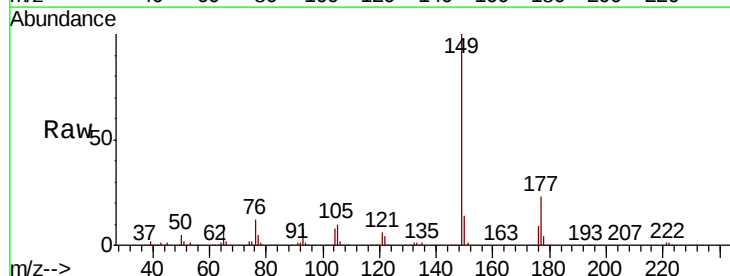


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

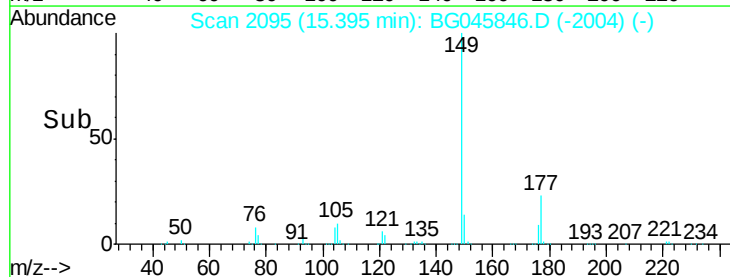
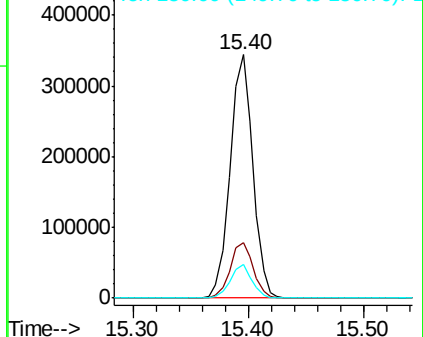


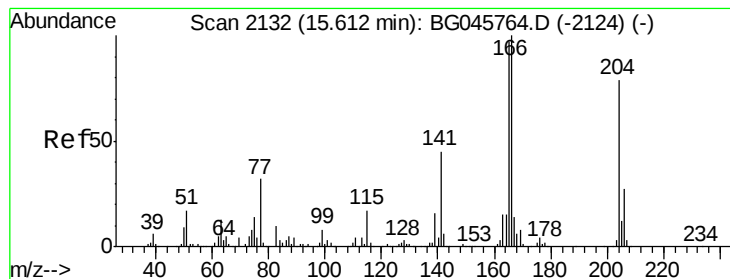
#60
 Diethylphthalate
 Concen: 34.988 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion:149	Resp:	465493
Ion Ratio	Lower	Upper
149	100	
177	23.0	17.2 25.8
150	13.7	10.7 16.1



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: 33.926 ng

RT: 15.61 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

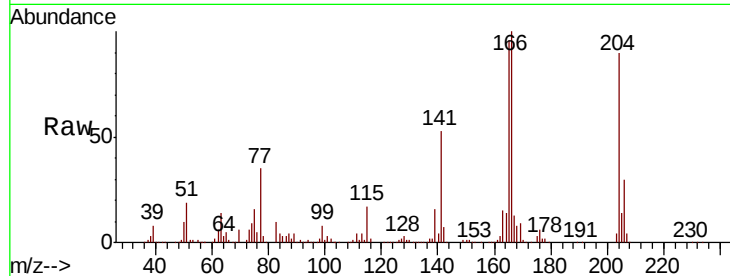
Tot Ion:204 Resp: 246391

Ion Ratio Lower Upper

204 100

206 33.0 27.2 40.8

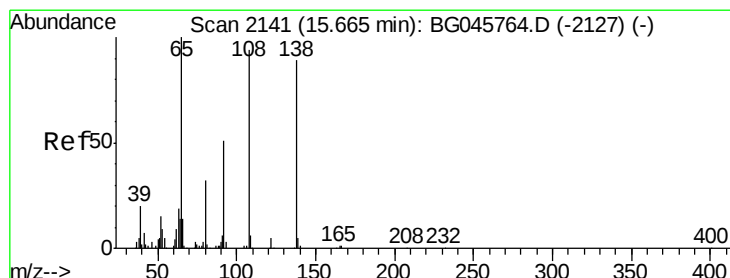
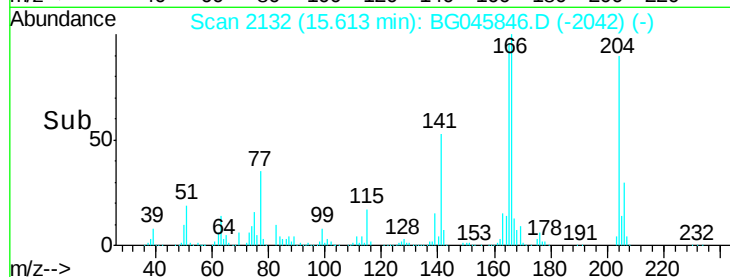
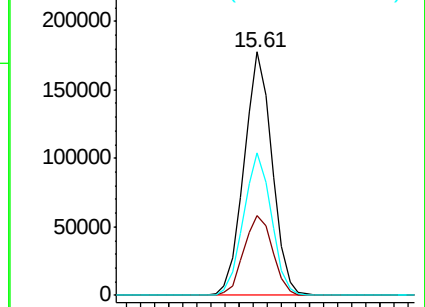
141 58.6 45.9 68.9



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 29.568 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

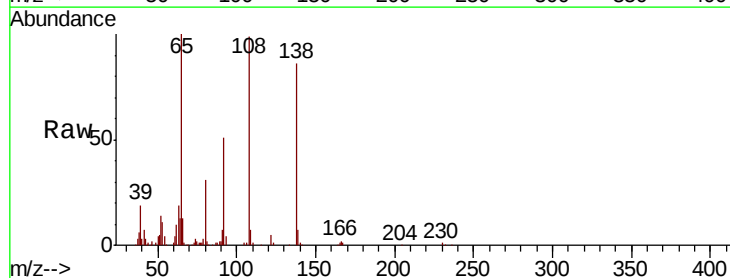
Tgt Ion:138 Resp: 88602

Ion Ratio Lower Upper

138 100

92 59.5 37.3 77.3

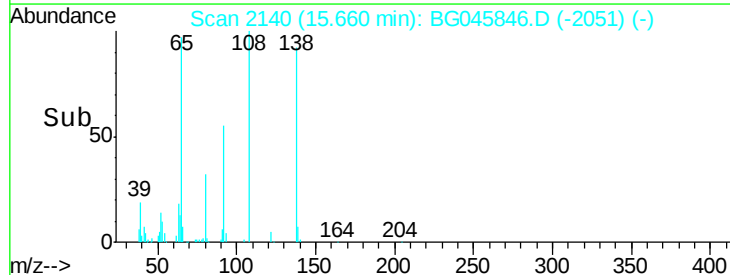
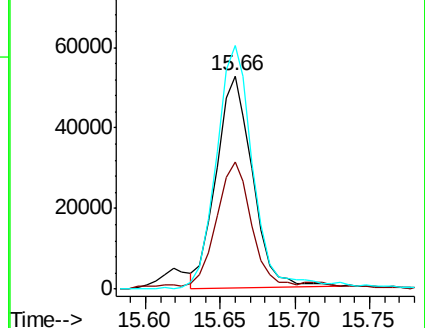
108 114.0 85.0 125.0

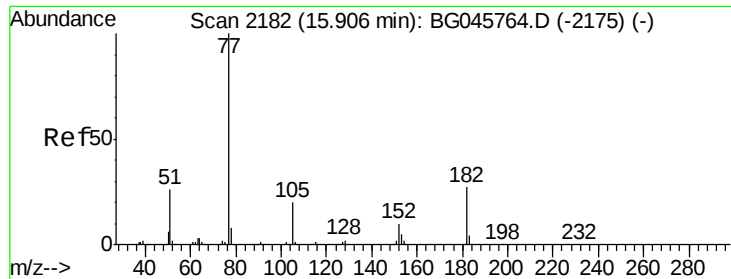


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.264 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

Tot Ion: 77 Resp: 450491

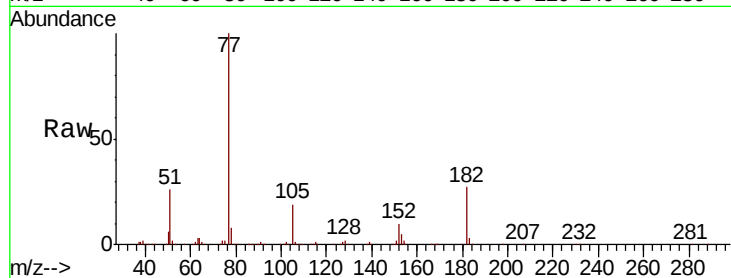
Ion Ratio Lower Upper

77 100

182 27.1 7.4 47.4

105 19.4 0.1 40.1

51 26.5 5.7 45.7

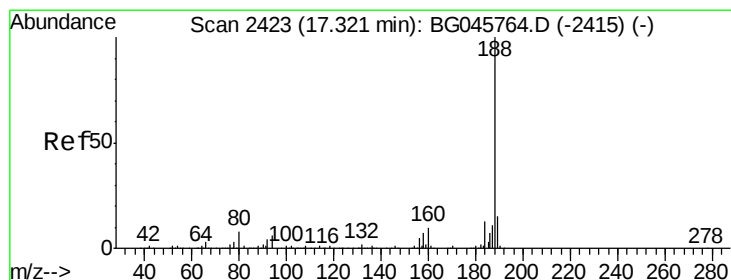
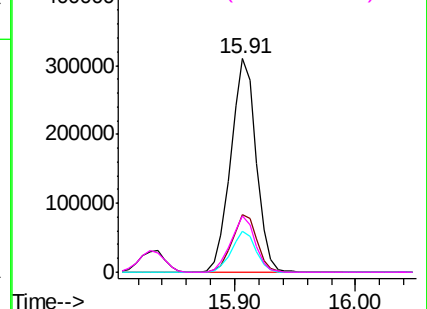
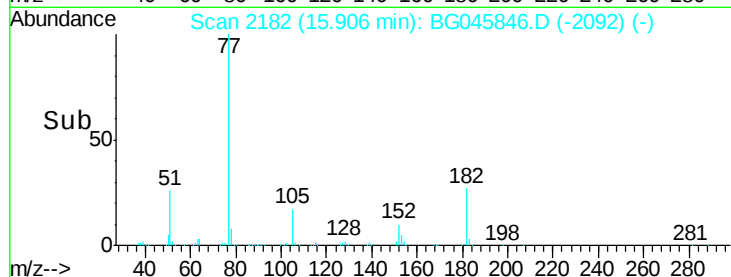


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

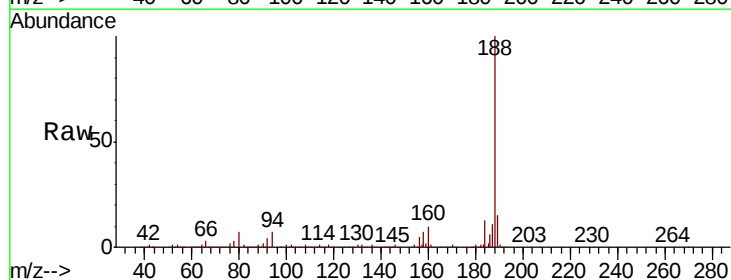
Tgt Ion: 188 Resp: 378750

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

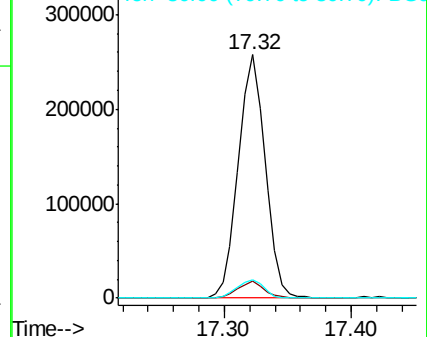
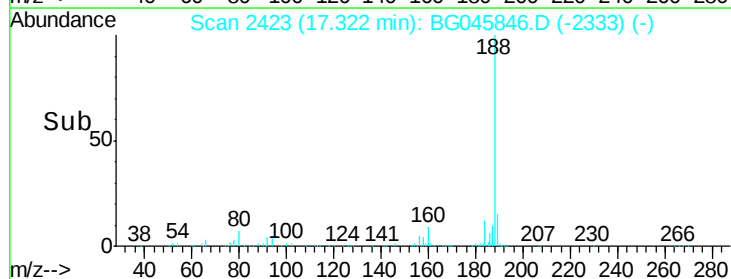
80 7.5 6.2 9.4

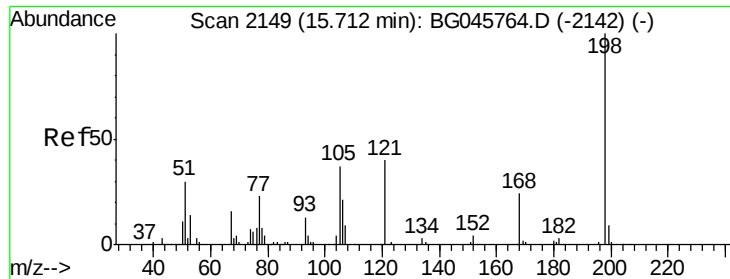


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 32.627 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

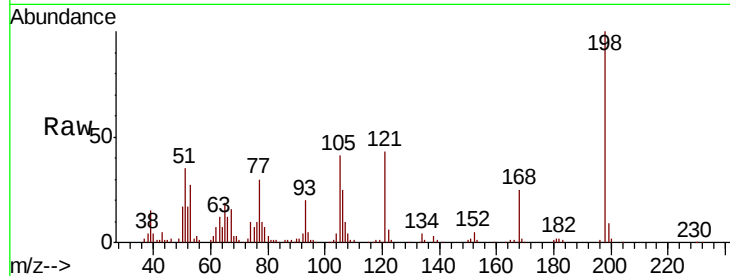
BNA_G

ClientSampleId :

PB129750BS

Tot Ion:198 Resp: 76368

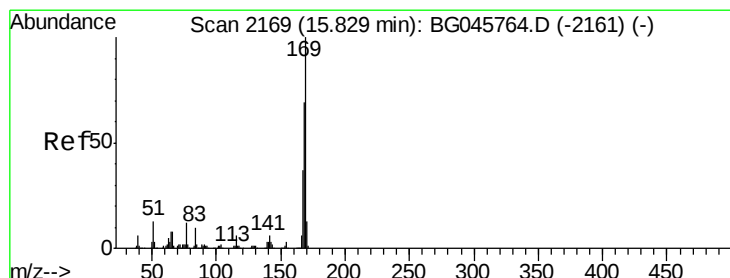
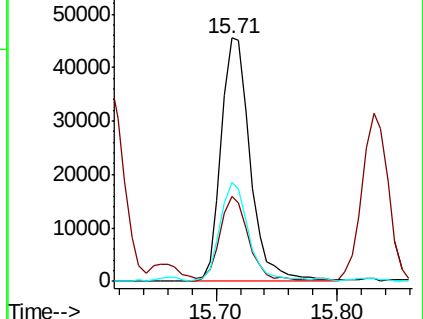
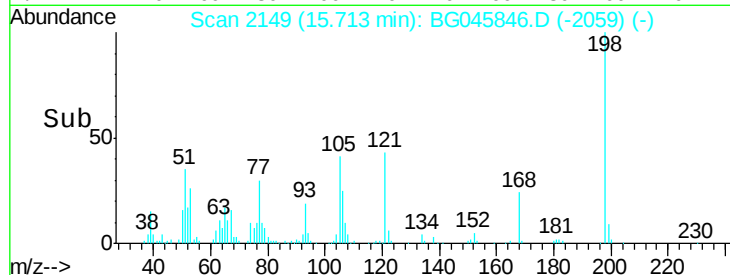
Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.6	54.6
105	40.6	18.4	58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045846.D (-2059) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.276 ng

RT: 15.83 min Scan# 2169

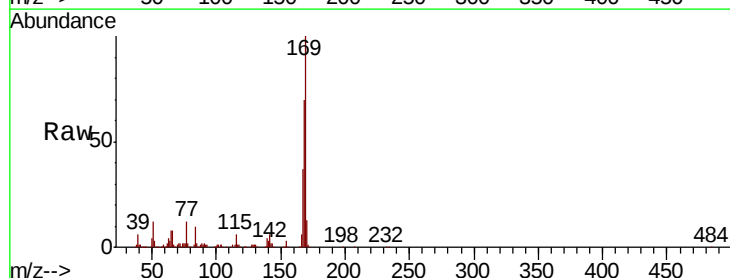
Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion:169 Resp: 389157

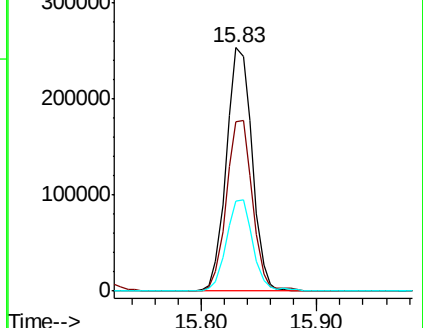
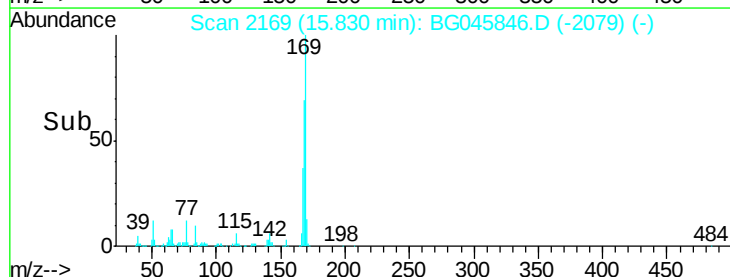
Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.2	82.8
167	37.0	29.8	44.6

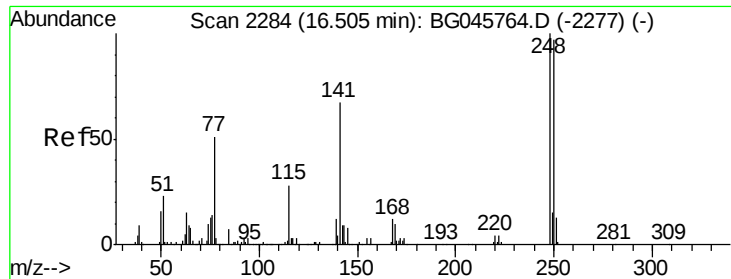


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

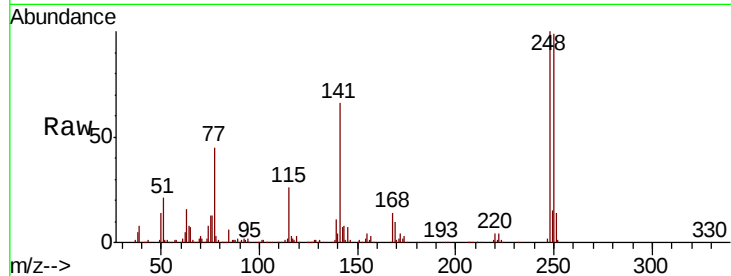




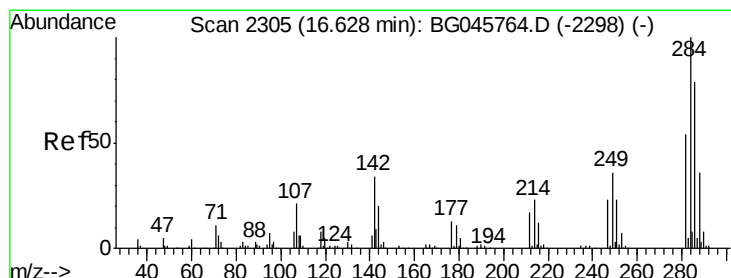
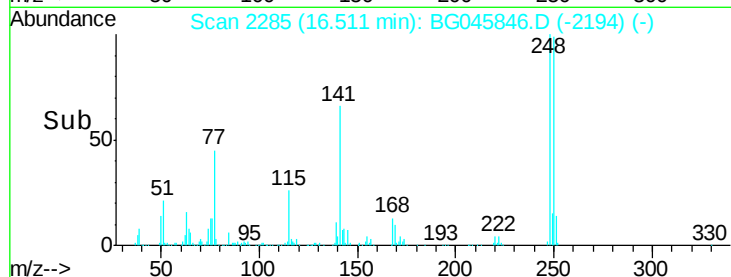
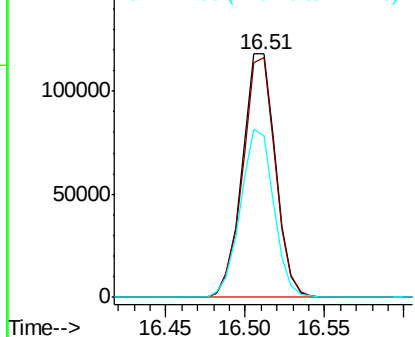
#67
4-Bromophenyl-phenylether
Concen: 34.772 ng
RT: 16.51 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:248 Resp: 171123
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 66.3 53.9 80.9

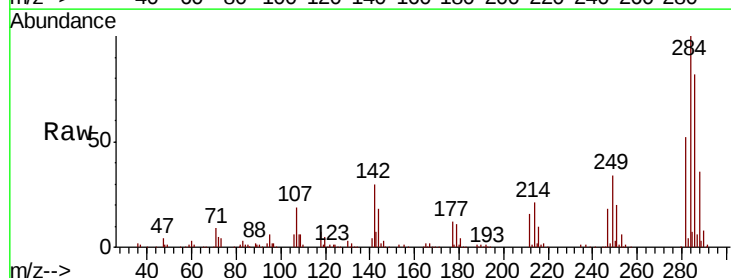


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

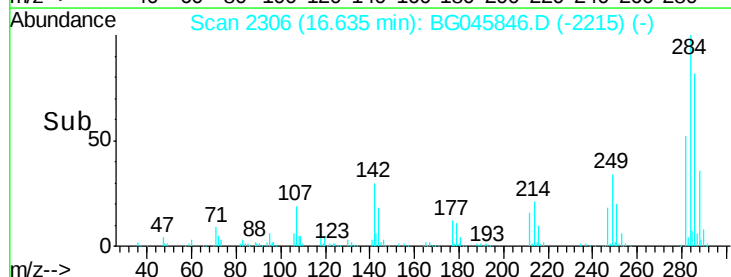
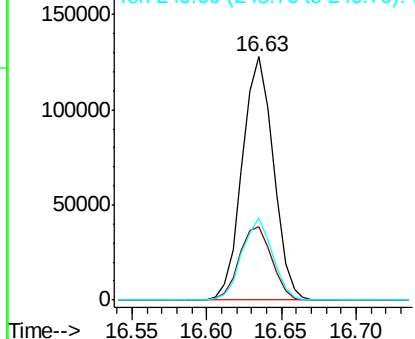


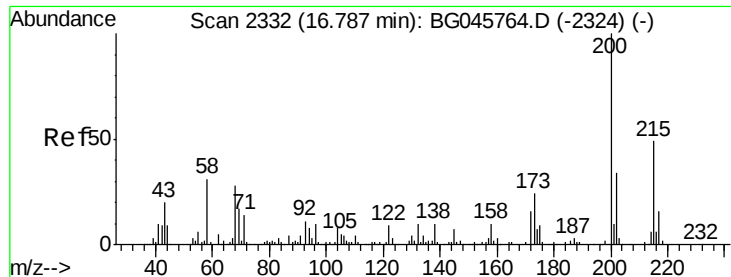
#68
Hexachlorobenzene
Concen: 36.315 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:284 Resp: 185324
Ion Ratio Lower Upper
284 100
142 30.0 26.9 40.3
249 33.7 28.6 42.8



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: 35.485 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

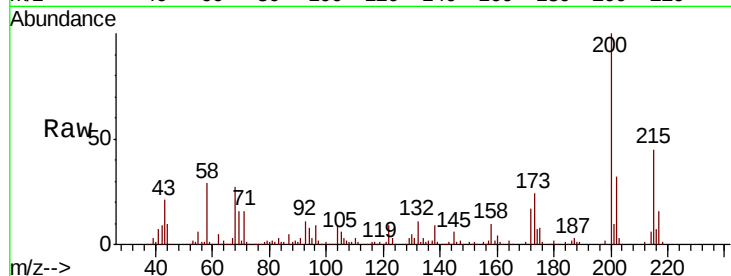
Tot Ion:200 Resp: 147717

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

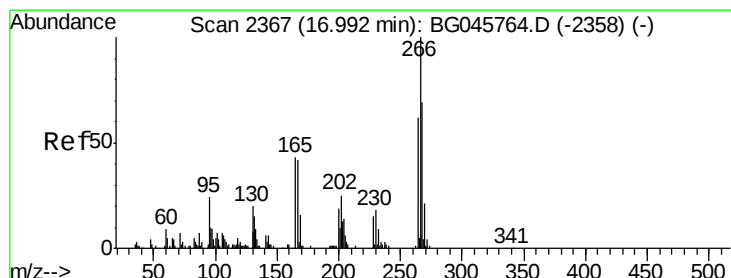
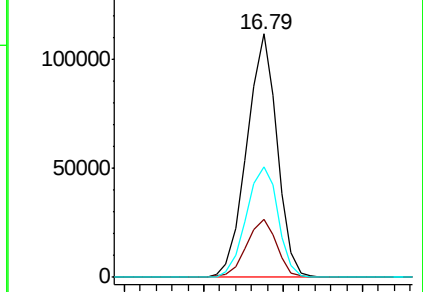
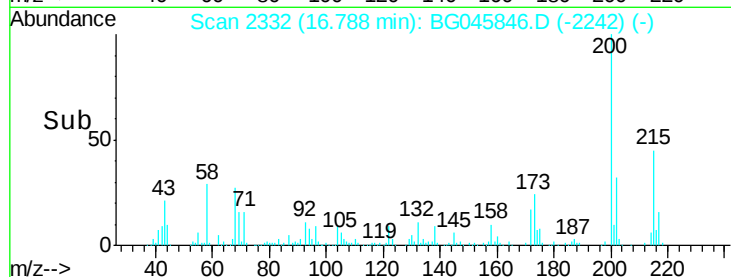
215 45.3 28.8 68.8



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: 61.814 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

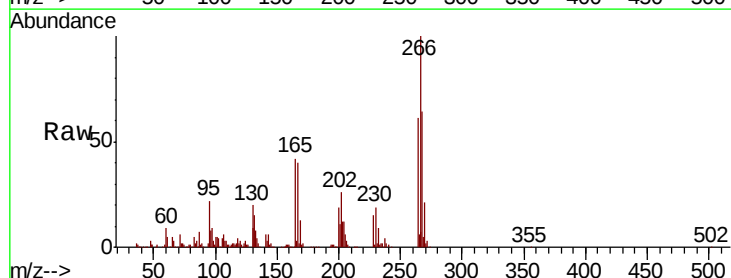
Tgt Ion:266 Resp: 150746

Ion Ratio Lower Upper

266 100

268 64.0 55.4 83.0

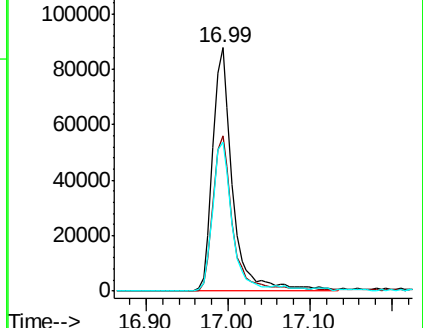
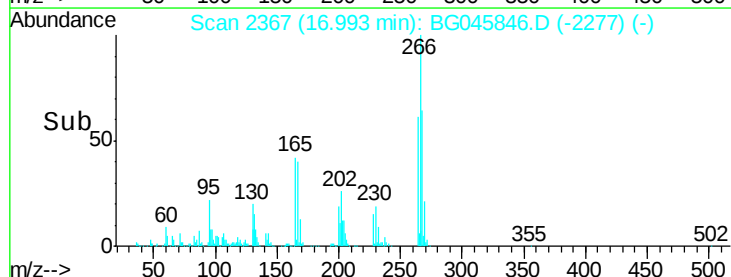
264 61.3 49.8 74.6

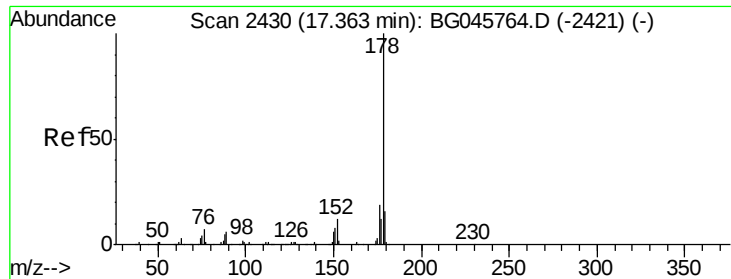


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

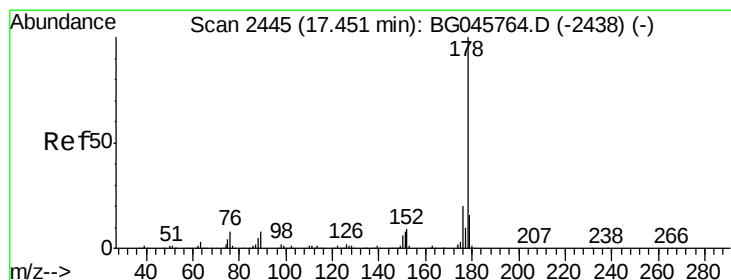
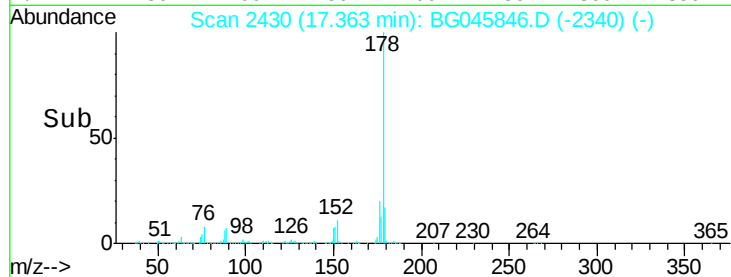
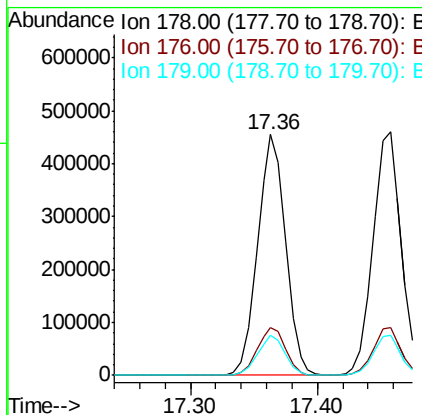
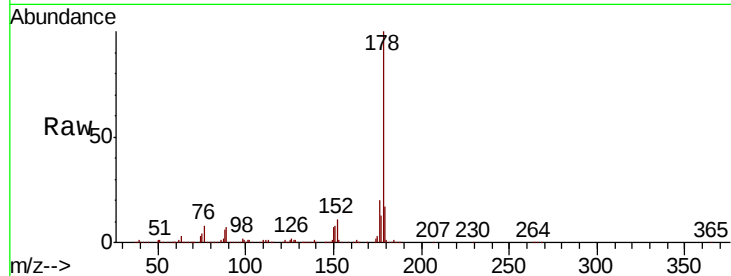




#71
Phenanthrene
Concen: 35.796 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

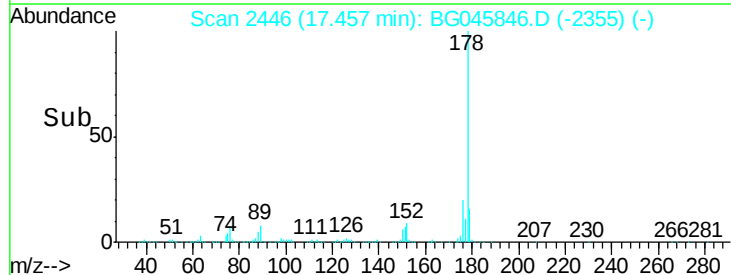
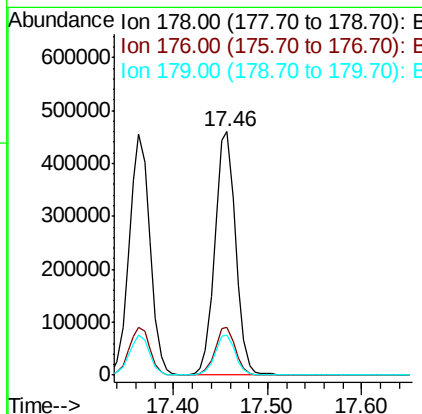
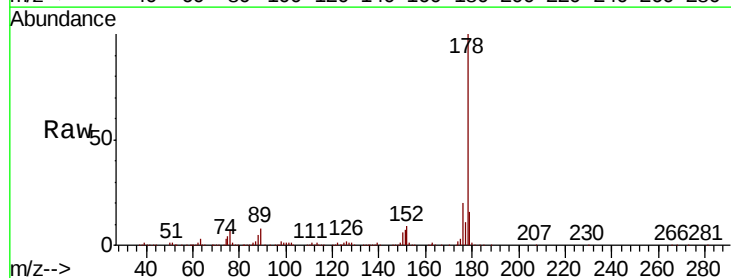
Instrument :
BNA_G
ClientSampleId :
PB129750BS

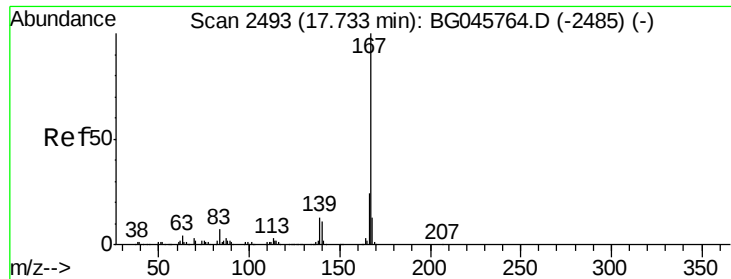
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.7	13.2	19.8



#72
Anthracene
Concen: 36.622 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.5	13.1	19.7

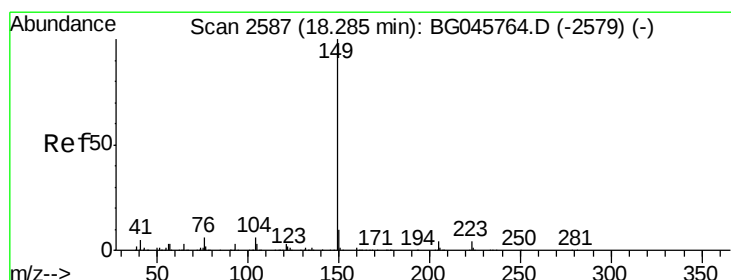
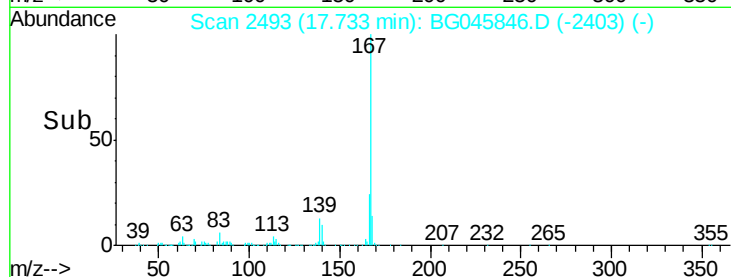
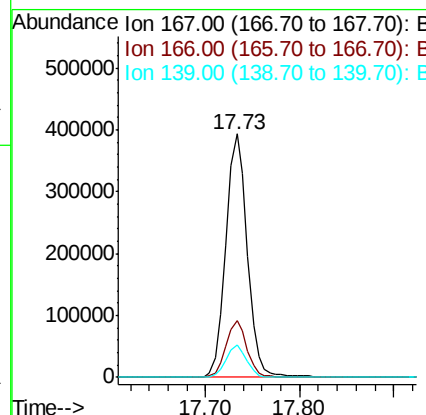
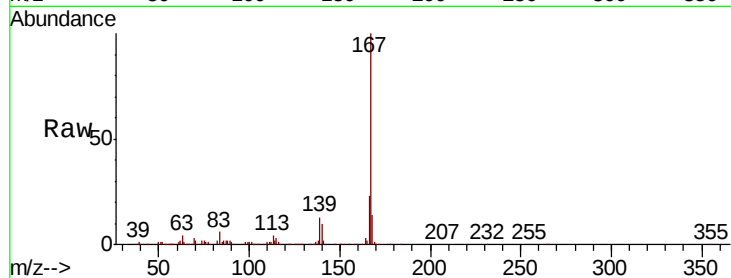




#73
 Carbazole
 Concen: 33.961 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

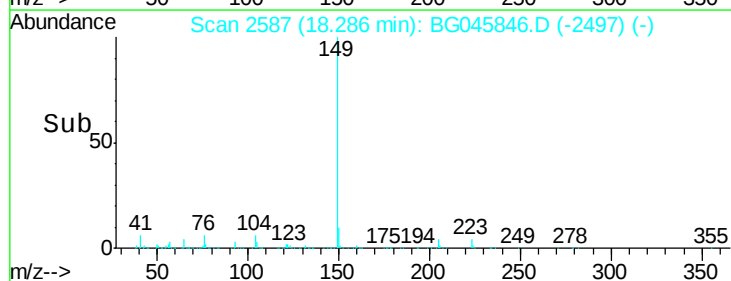
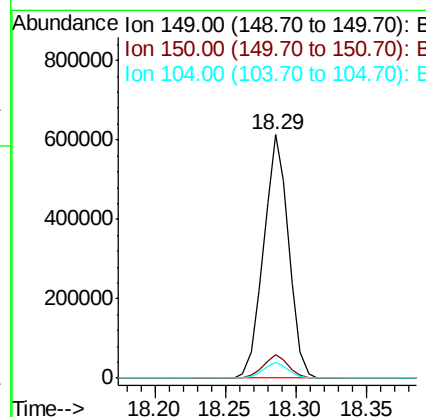
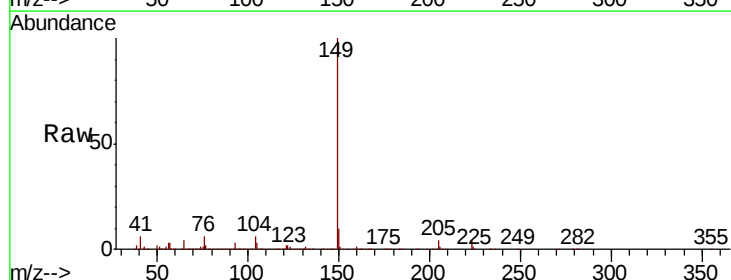
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

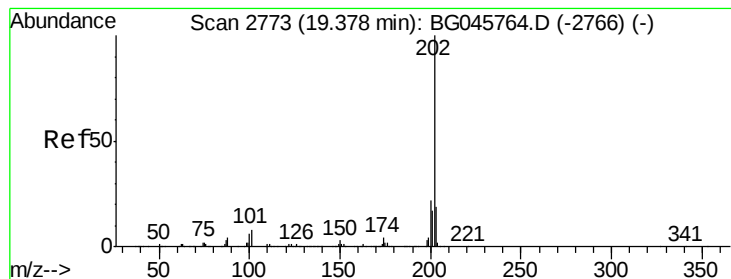
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.9	28.3
139	13.4	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 34.953 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 34.447 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

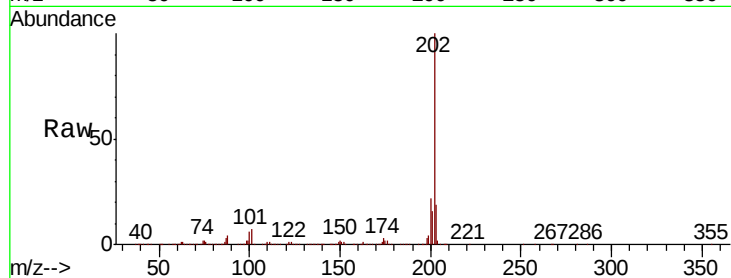
Tot Ion:202 Resp: 827410

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

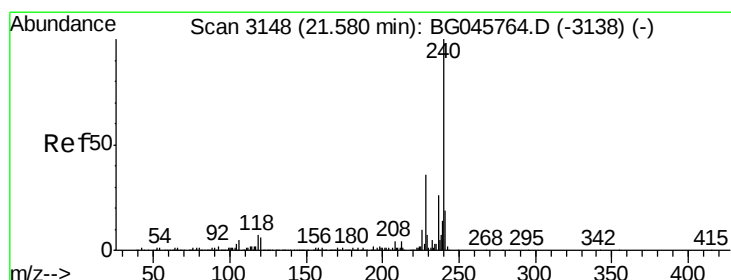
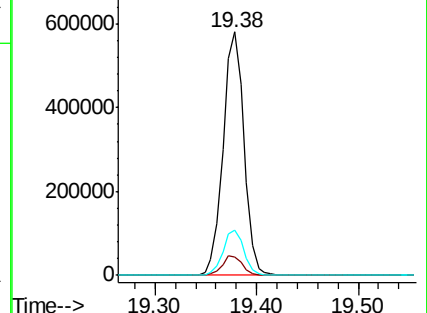
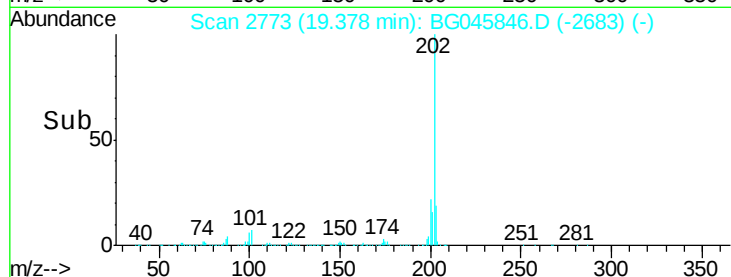
203 18.7 0.0 38.7



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: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

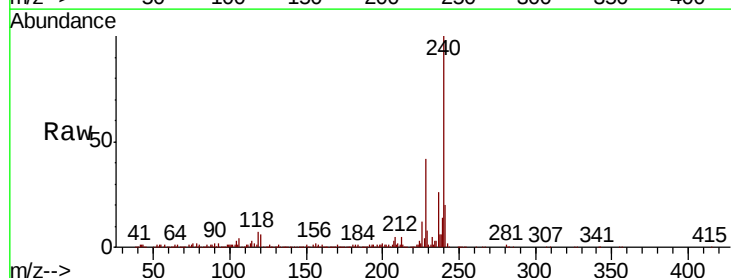
Tgt Ion:240 Resp: 318199

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

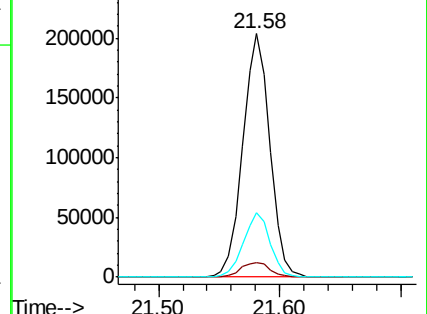
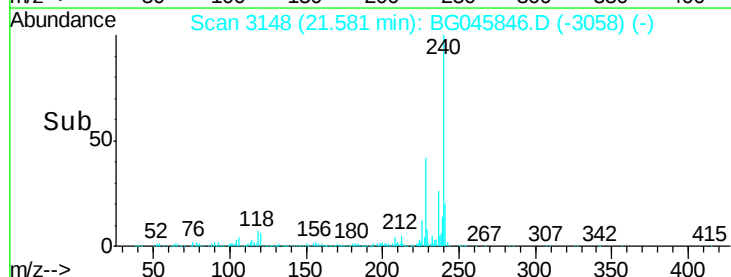
236 26.2 20.6 30.8

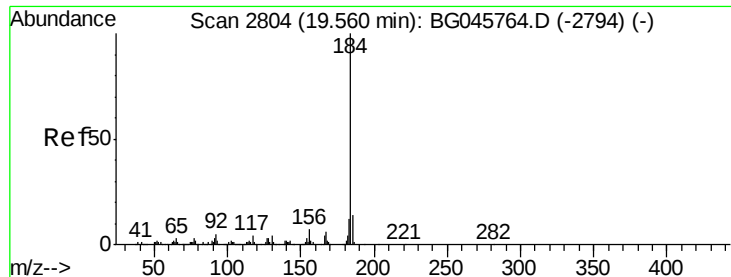


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.524 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampled :

PB129750BS

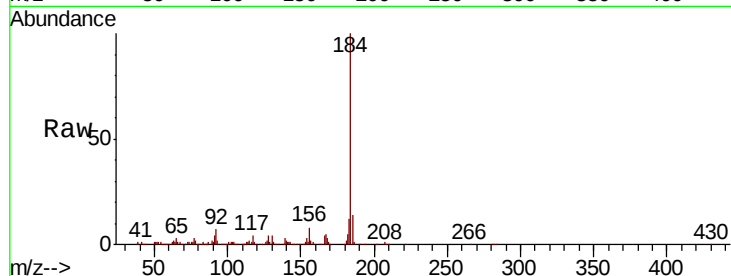
Tot Ion:184 Resp: 335223

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

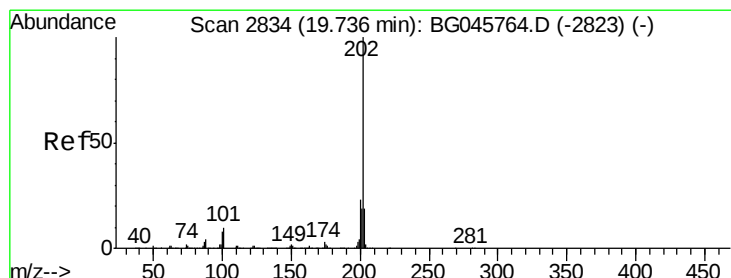
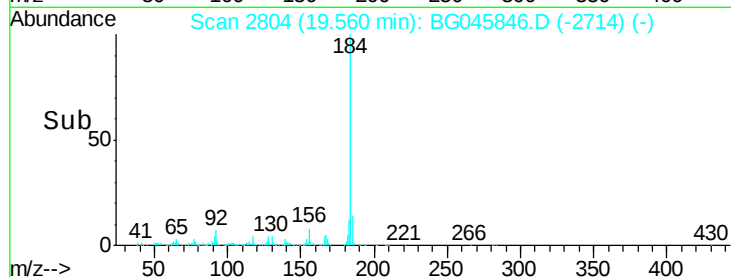
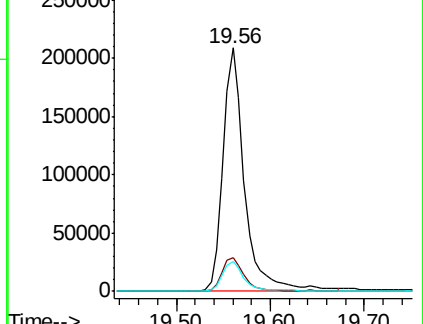
183 12.4 9.7 14.5



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: 38.007 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

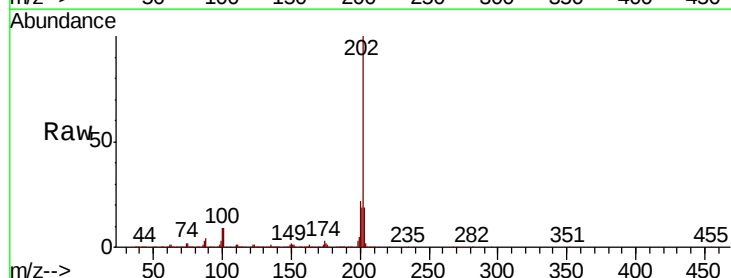
Tgt Ion:202 Resp: 809839

Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.2

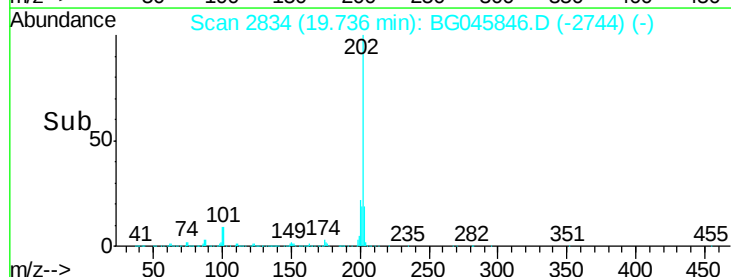
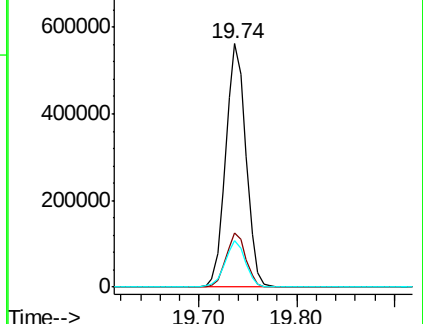
203 19.3 14.8 22.2

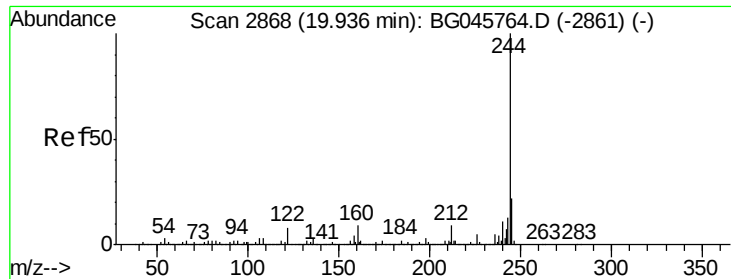


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.190 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

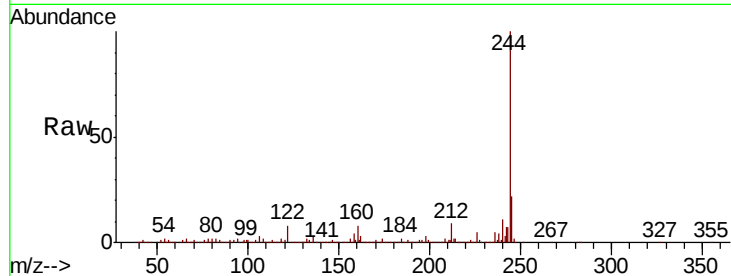
Tot Ion:244 Resp: 1227674

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

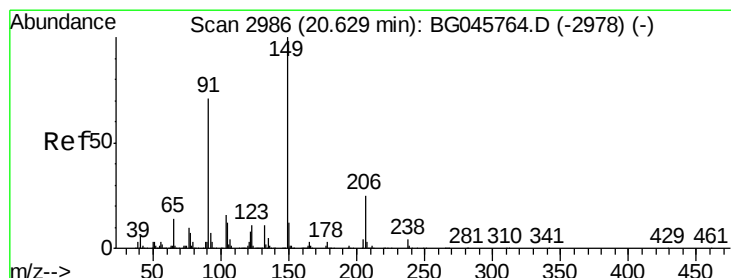
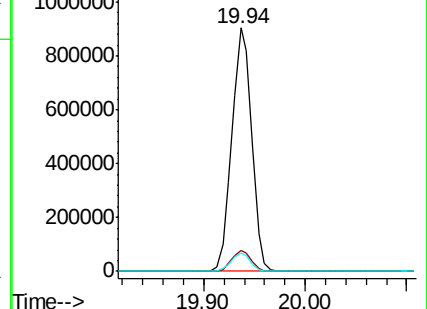
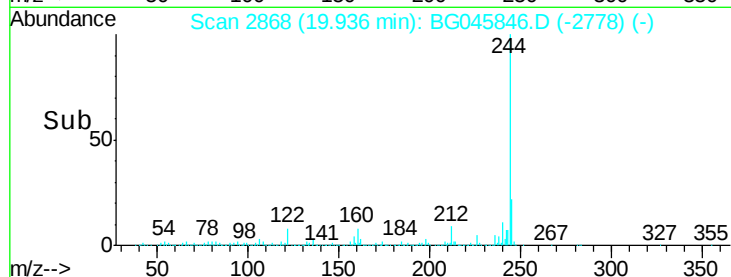
122 7.7 6.4 9.6



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: 37.313 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

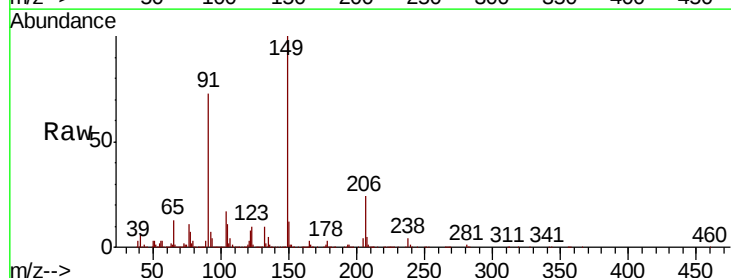
Tgt Ion:149 Resp: 332793

Ion Ratio Lower Upper

149 100

91 73.1 56.4 84.6

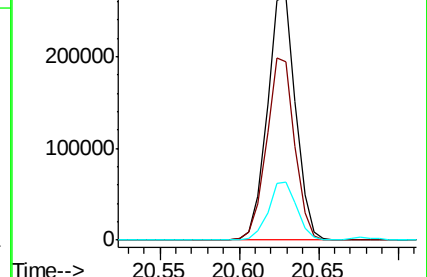
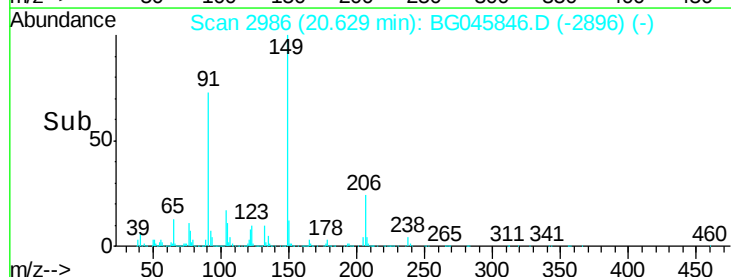
206 23.9 19.8 29.6

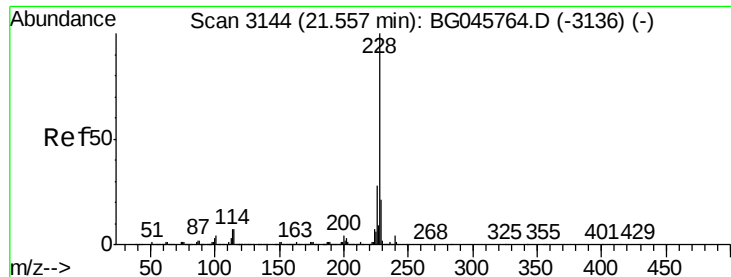


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.207 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

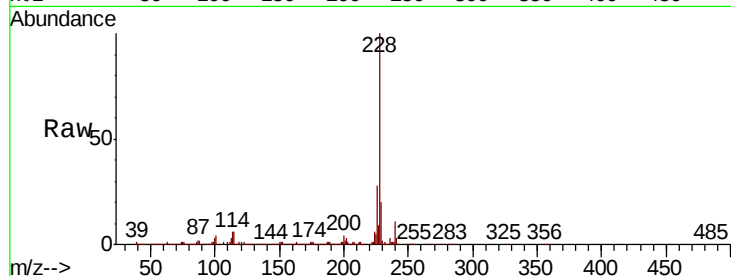
BNA_G

ClientSampleId :

PB129750BS

Tot Ion:228 Resp: 746946

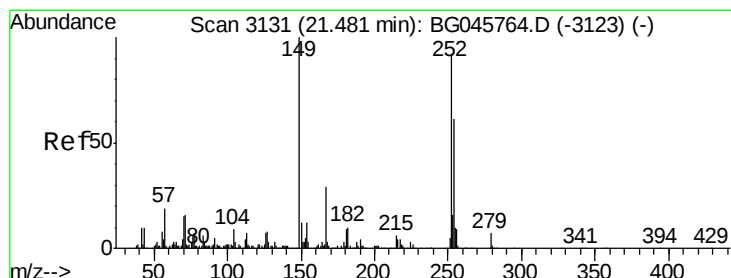
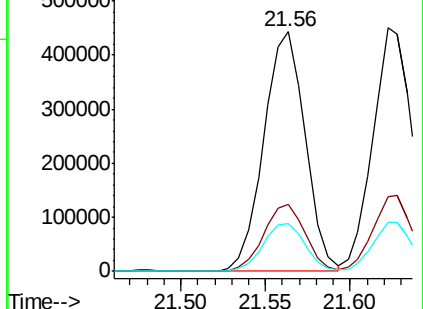
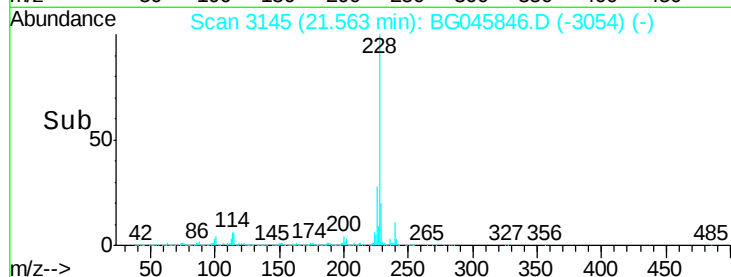
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.2	16.6	24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 25.757 ng

RT: 21.48 min Scan# 3130

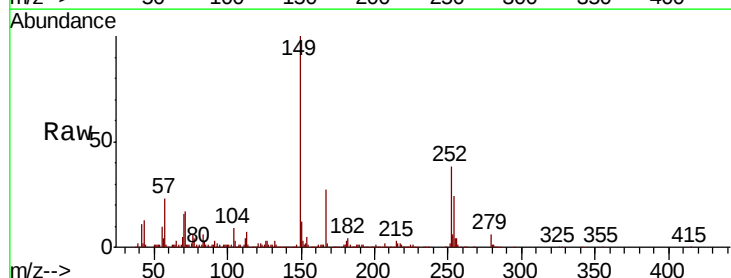
Delta R.T. -0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion:252 Resp: 200997

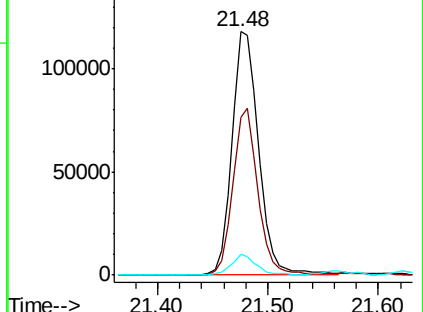
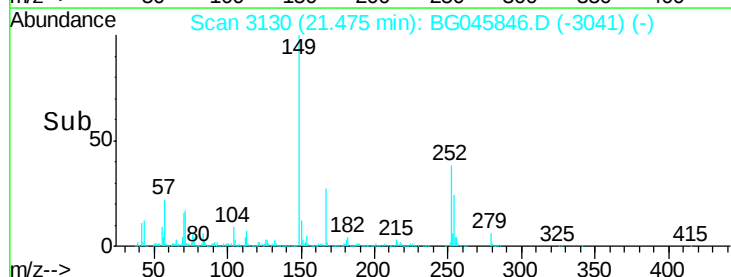
Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.4	80.0
126	8.4	5.8	8.8

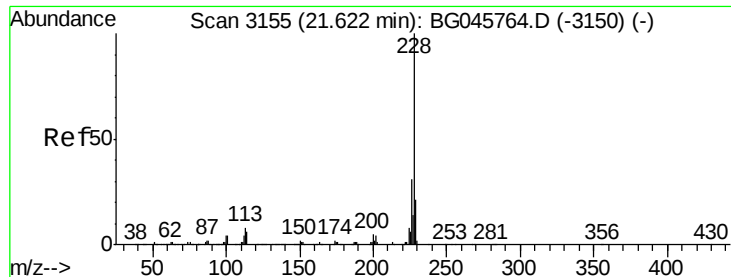


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.706 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

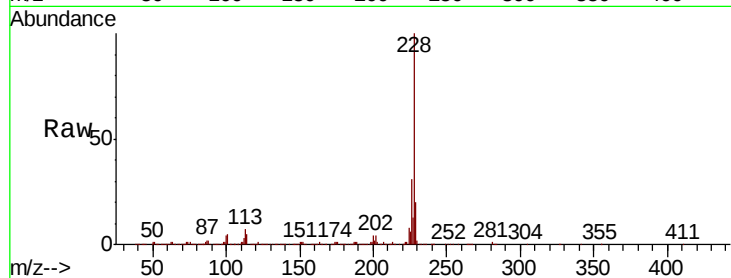
BNA_G

ClientSampleId :

PB129750BS

Tot Ion:228 Resp: 732428

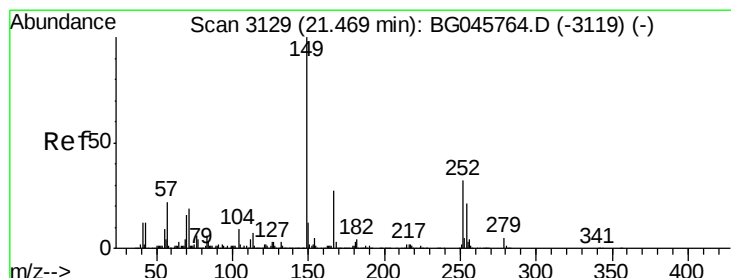
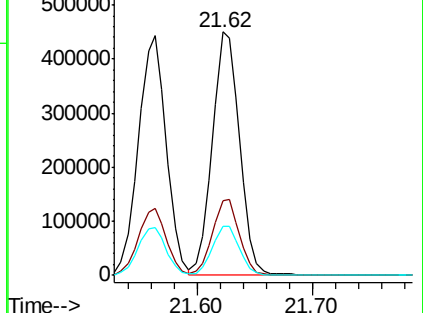
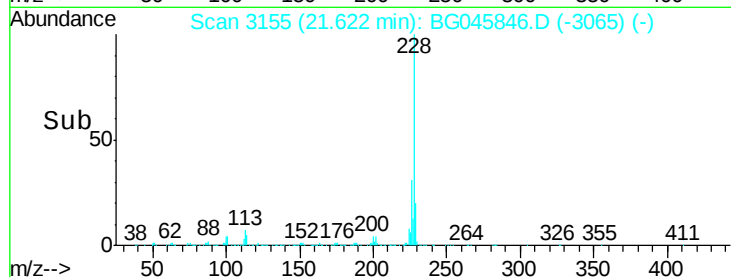
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	20.1	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.600 ng

RT: 21.48 min Scan# 3130

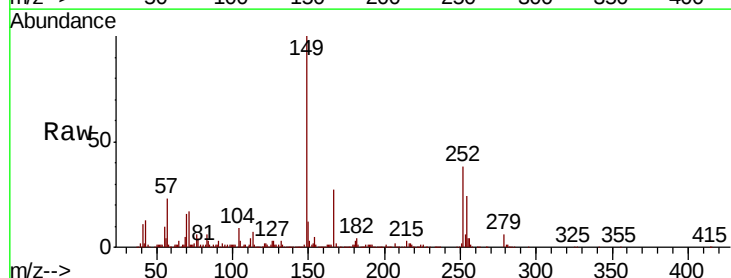
Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Tgt Ion:149 Resp: 441643

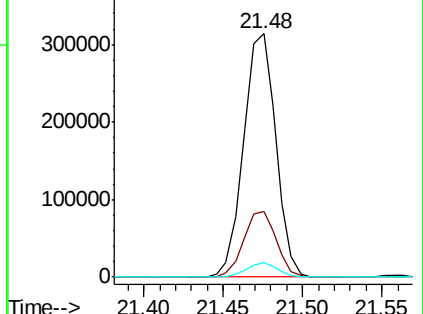
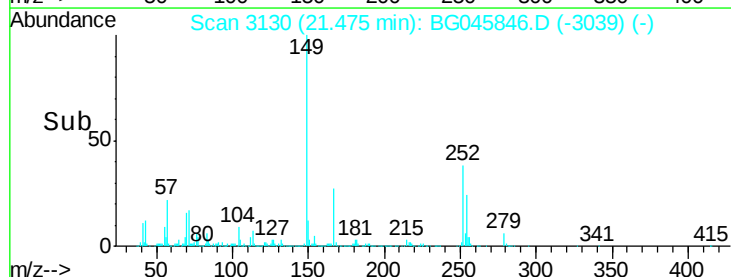
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	6.1	3.7	5.5#

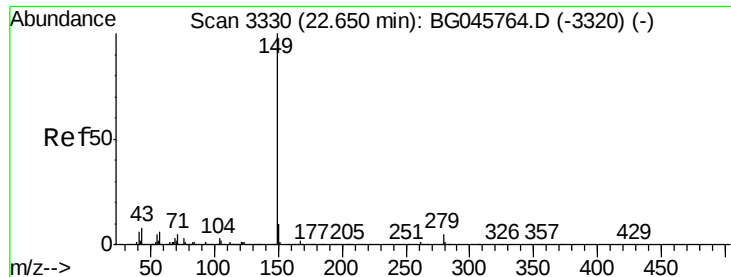


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.934 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PB129750BS

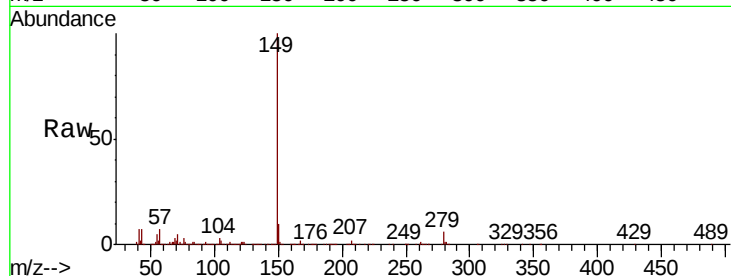
Tot Ion:149 Resp: 790354

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

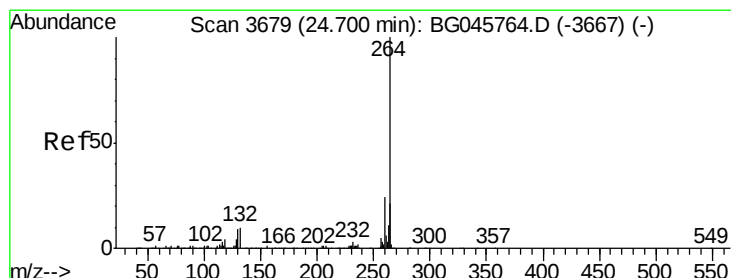
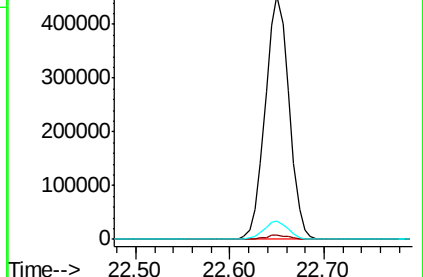
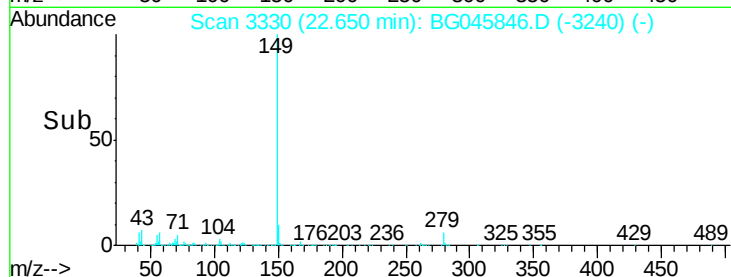
43 7.5 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3681

Delta R.T. 0.01 min

Lab File: BG045846.D

Acq: 24 Jun 2020 15:54

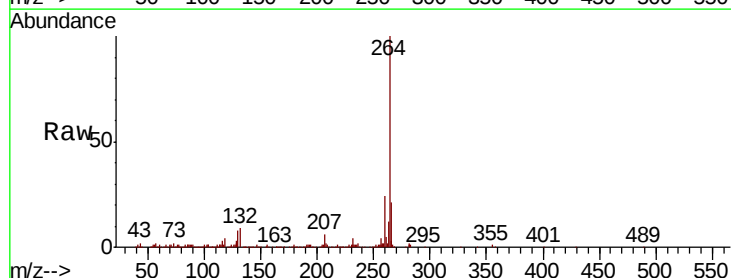
Tgt Ion:264 Resp: 361281

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

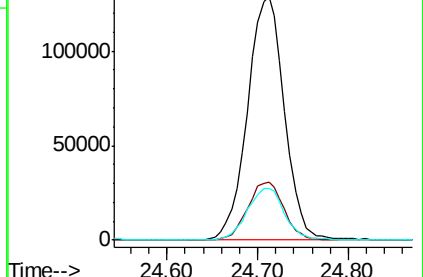
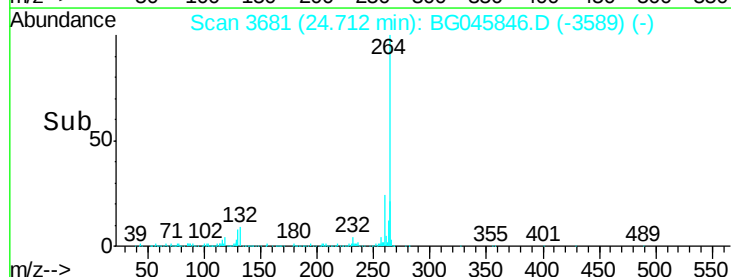
265 21.5 17.4 26.0

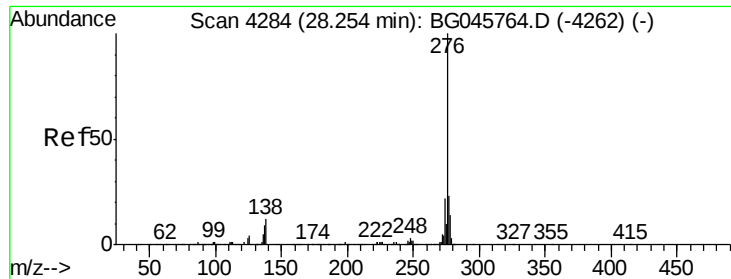


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

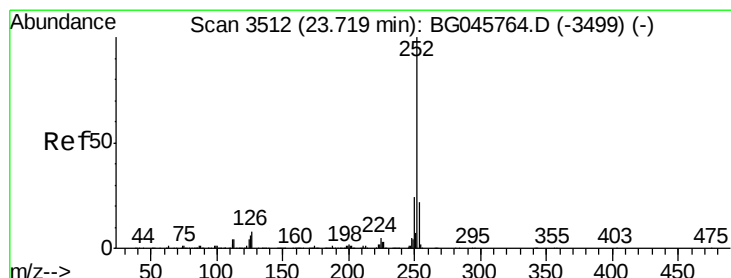
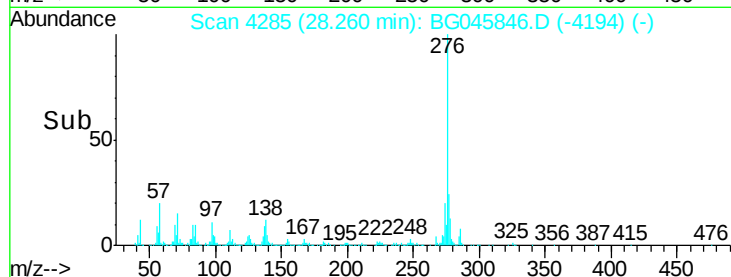
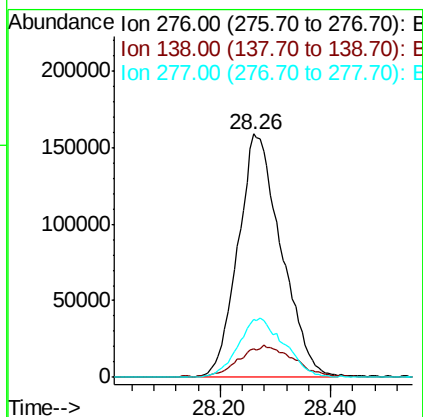
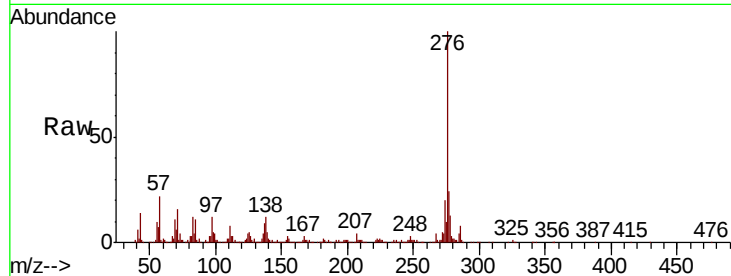




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.977 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

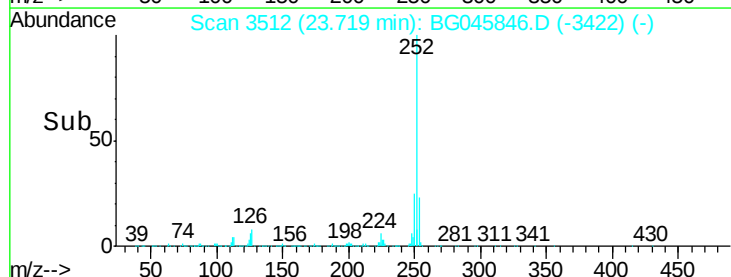
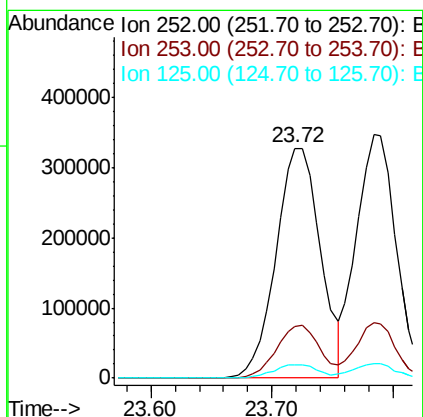
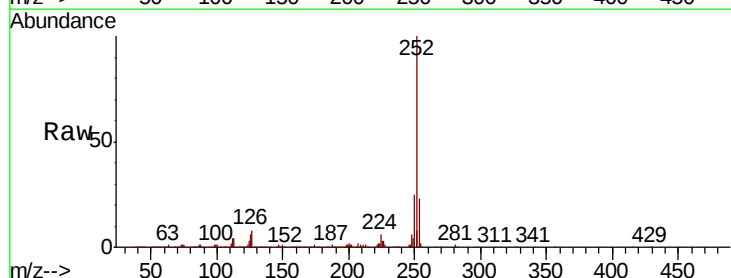
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BS

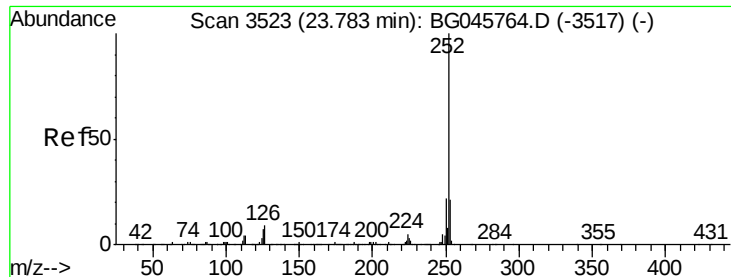
Tot Ion:276 Resp: 863723
 Ion Ratio Lower Upper
 276 100
 138 15.9 5.4 8.0#
 277 25.8 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 36.895 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045846.D
 Acq: 24 Jun 2020 15:54

Tgt Ion:252 Resp: 835751
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 5.9 5.0 7.4

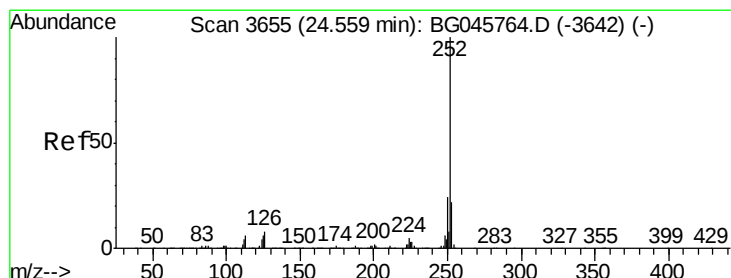
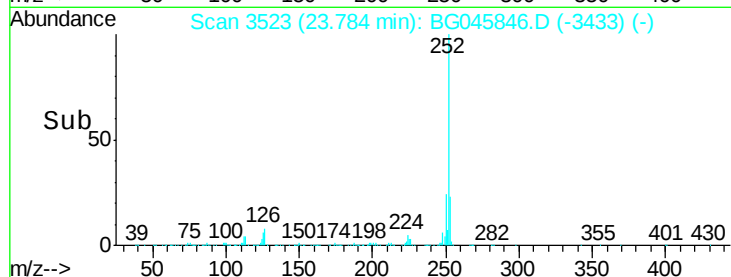
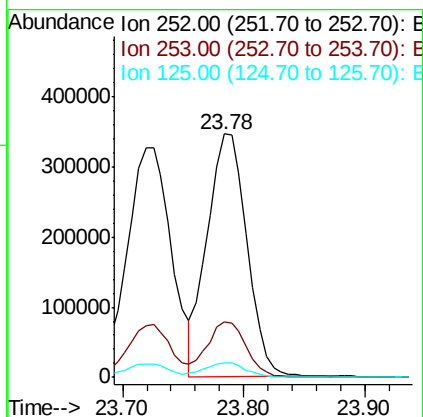
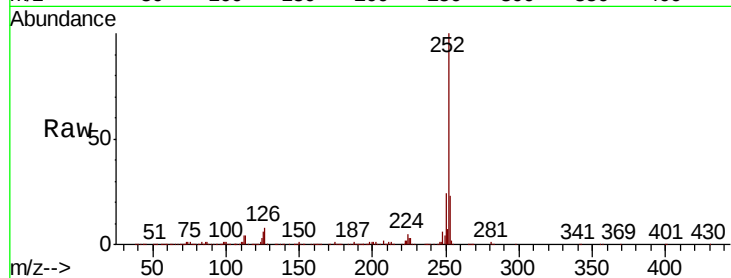




#89
Benzo(k)fluoranthene
Concen: 36.313 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

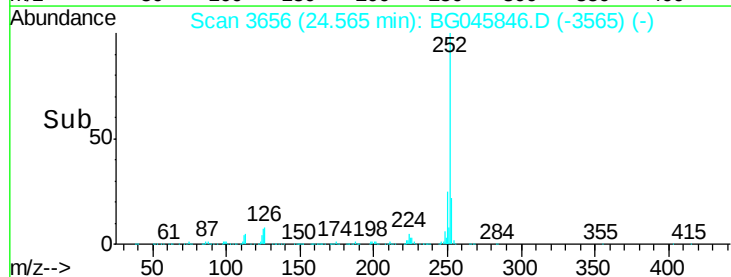
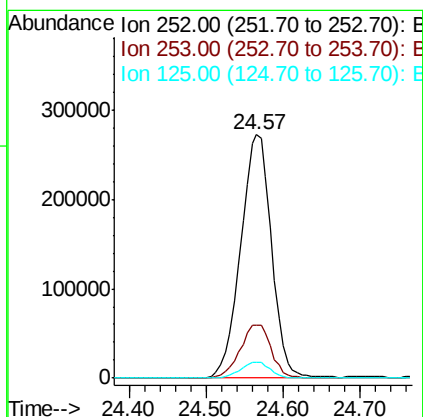
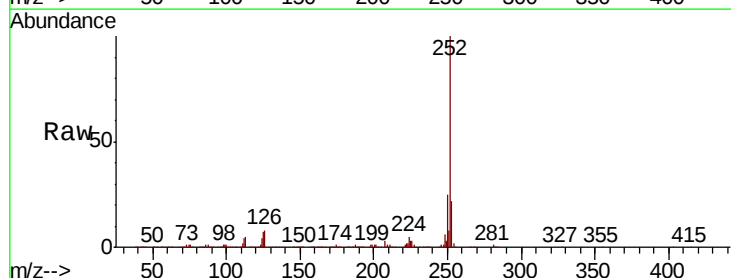
Instrument :
BNA_G
ClientSampleId :
PB129750BS

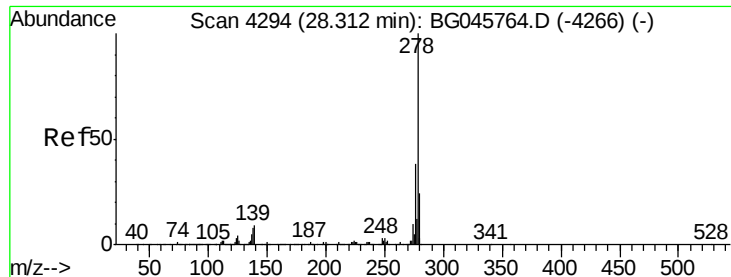
Tot Ion:252 Resp: 787253
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 6.0 5.2 7.8



#90
Benzo(a)pyrene
Concen: 36.136 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:252 Resp: 764648
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 6.7 5.0 7.6

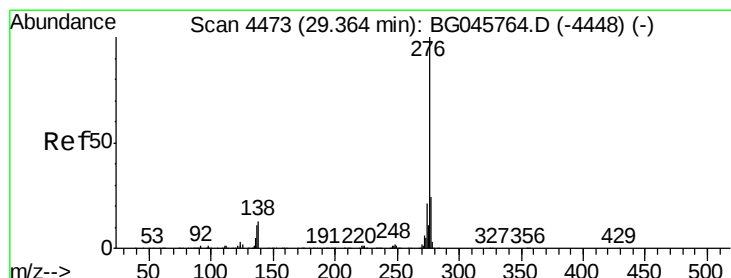
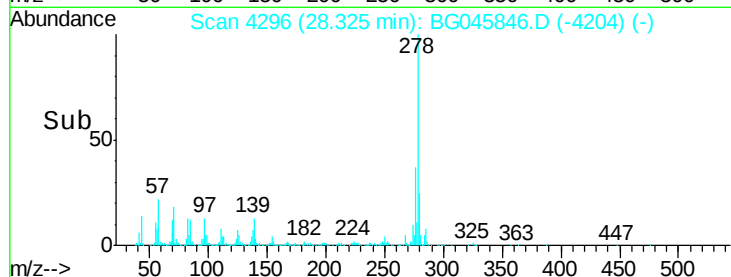
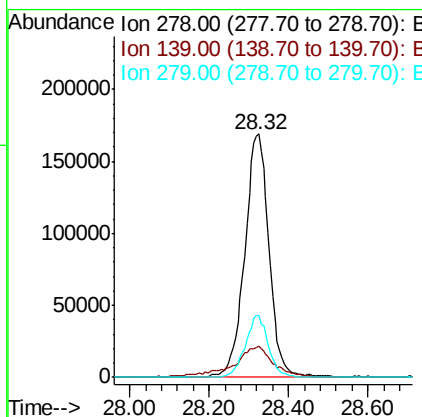
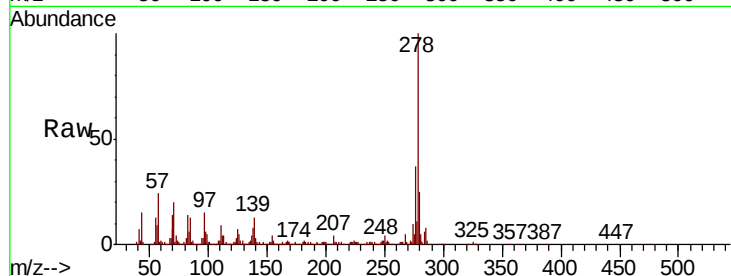




#91
Dibenzo(a,h)anthracene
Concen: 34.218 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PB129750BS

Tot Ion:278 Resp: 718689
Ion Ratio Lower Upper
278 100
139 13.0 7.3 10.9#
279 25.1 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 36.961 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG045846.D
Acq: 24 Jun 2020 15:54

Tgt Ion:276 Resp: 776995
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 10.8 10.6 15.8

