

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045857.D
 Acq On : 25 Jun 2020 14:46
 Operator : CG/JU
 Sample : PB129763BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BS

Quant Time: Jun 25 15:51:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	50516	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	191317	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	131634	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	310419	20.00	ng	0.00
76) Chrysene-d12	21.57	240	302621	20.00	ng	0.00
86) Perylene-d12	24.69	264	332892	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	418077	139.80	ng	0.00
7) Phenol-d6	7.14	99	583821	128.35	ng	0.00
23) Nitrobenzene-d5	9.07	82	375448	89.65	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	259286	130.47	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	816805	91.19	ng	0.00
79) Terphenyl-d14	19.93	244	1388811	93.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	52110	38.046	ng	95
3) Pyridine	3.76	79	148671	36.630	ng	97
4) n-Nitrosodimethylamine	3.68	42	60758	44.597	ng	89
6) Aniline	7.24	93	216661	40.452	ng	99
8) 2-Chlorophenol	7.49	128	150088	46.888	ng	95
9) Benzaldehyde	7.05	77	86538	31.674	ng	96
10) Phenol	7.16	94	197693	44.854	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	137835	41.173	ng	96
12) 1,3-Dichlorobenzene	7.81	146	164384	43.093	ng	98
13) 1,4-Dichlorobenzene	7.95	146	165188	43.354	ng	98
14) 1,2-Dichlorobenzene	8.27	146	154689	42.407	ng	99
15) Benzyl Alcohol	8.17	79	149309	42.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	130243	41.280	ng	81
17) 2-Methylphenol	8.40	107	134204	40.915	ng	94
18) Hexachloroethane	8.99	117	63833	44.111	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	125342	41.913	ng	97
20) 3+4-Methylphenols	8.73	107	174139	40.368	ng	# 69
22) Acetophenone	8.74	105	227126	43.253	ng	97
24) Nitrobenzene	9.12	77	193320	43.294	ng	97
25) Isophorone	9.64	82	333774	41.169	ng	99
26) 2-Nitrophenol	9.83	139	85434	45.925	ng	94
27) 2,4-Dimethylphenol	9.92	122	133824	47.118	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	186211	43.971	ng	97
29) 2,4-Dichlorophenol	10.40	162	148646	44.858	ng	96
30) 1,2,4-Trichlorobenzene	10.58	180	171857	43.809	ng	98
31) Naphthalene	10.77	128	450323	43.054	ng	100
32) Benzoic acid	10.12	122	73376	41.362	ng	91
33) 4-Chloroaniline	10.89	127	160368	36.612	ng	98
34) Hexachlorobutadiene	11.06	225	116992	41.934	ng	98
35) Caprolactam	11.66	113	23759	22.157	ng	96
36) 4-Chloro-3-methylphenol	12.05	107	166637	43.554	ng	98
37) 2-Methylnaphthalene	12.38	142	339467	43.585	ng	99
38) 1-Methylnaphthalene	12.60	142	315772	42.843	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	190409	43.930	ng	99

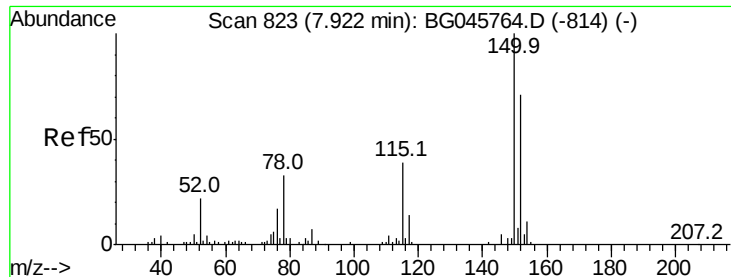
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045857.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	218832	90.201	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	126353	42.996	ng	98
44) 2,4,5-Trichlorophenol	13.10	196	132742	39.633	ng	97
46) 1,1'-Biphenyl	13.39	154	415325	44.070	ng	99
47) 2-Chloronaphthalene	13.44	162	325595	42.770	ng	99
48) 2-Nitroaniline	13.65	65	109625	43.291	ng	99
49) Acenaphthylene	14.28	152	532476	43.668	ng	99
50) Dimethylphthalate	14.02	163	443603	43.018	ng	98
51) 2,6-Dinitrotoluene	14.14	165	100029	43.188	ng	96
52) Acenaphthene	14.63	154	318791	43.131	ng	95
53) 3-Nitroaniline	14.48	138	83732	36.193	ng	91
54) 2,4-Dinitrophenol	14.69	184	110271	84.911	ng	# 89
55) Dibenzofuran	14.97	168	523795	43.624	ng	99
56) 4-Nitrophenol	14.85	139	122651	74.296	ng	97
57) 2,4-Dinitrotoluene	14.94	165	143528	43.251	ng	96
58) Fluorene	15.61	166	430914	43.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	122066	41.991	ng	97
60) Diethylphthalate	15.38	149	460038	43.639	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	241155	41.907	ng	99
62) 4-Nitroaniline	15.65	138	103850	43.739	ng	95
63) Azobenzene	15.90	77	447435	44.204	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	91920	47.915	ng	96
66) n-Nitrosodiphenylamine	15.82	169	386352	43.942	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	165948	41.143	ng	96
68) Hexachlorobenzene	16.63	284	185087	44.252	ng	93
69) Atrazine	16.78	200	146753	43.014	ng	96
70) Pentachlorophenol	16.98	266	144889	71.173	ng	95
71) Phenanthrene	17.36	178	704604	44.011	ng	99
72) Anthracene	17.45	178	721838	45.278	ng	100
73) Carbazole	17.73	167	660939	43.541	ng	99
74) Di-n-butylphthalate	18.28	149	788142	43.850	ng	100
75) Fluoranthene	19.37	202	886663	45.039	ng	100
77) Benzidine	19.55	184	534555	67.947	ng	99
78) Pyrene	19.73	202	875072	43.182	ng	99
80) Butylbenzylphthalate	20.62	149	361220	42.586	ng	99
81) Benzo(a)anthracene	21.55	228	853155	43.484	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	281964	37.993	ng	95
83) Chrysene	21.62	228	827658	43.614	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	509697	43.200	ng	# 98
85) Di-n-octyl phthalate	22.64	149	866046	42.554	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1079525	44.732	ng	# 95
88) Benzo(b)fluoranthene	23.71	252	936519	44.869	ng	97
89) Benzo(k)fluoranthene	23.78	252	895357	44.821	ng	97
90) Benzo(a)pyrene	24.55	252	850351	43.614	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	879688	45.456	ng	99
92) Benzo(g,h,i)perylene	29.36	276	879757	45.418	ng	96

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

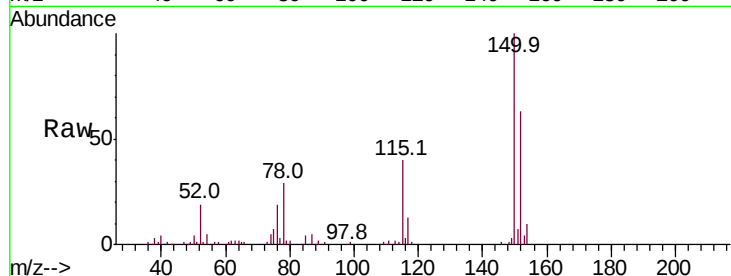


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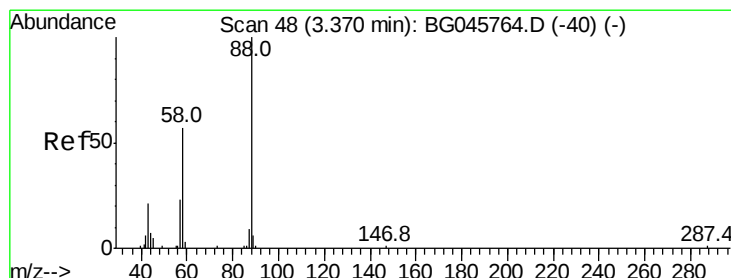
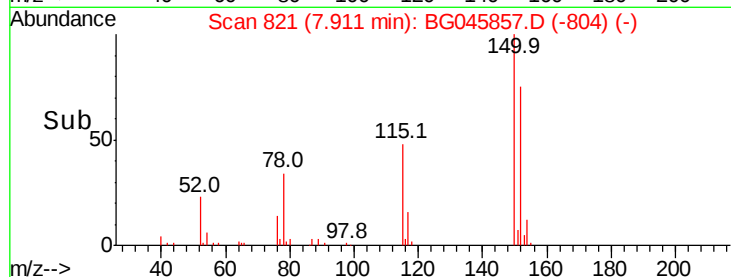
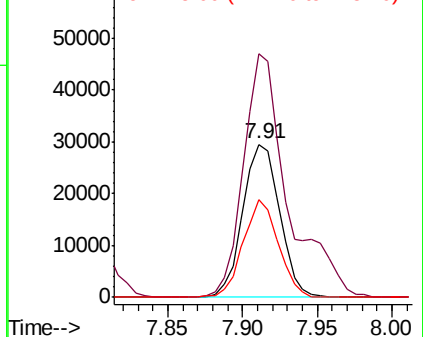
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:152 Resp: 50516
Ion Ratio Lower Upper
152 100
150 159.4 113.1 169.7
115 64.4 43.8 65.6



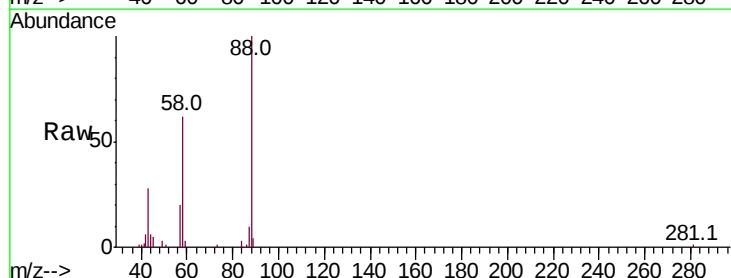
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



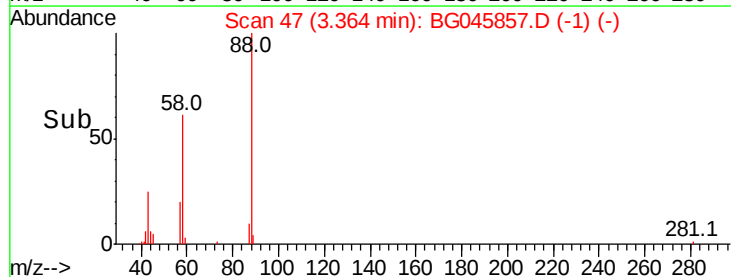
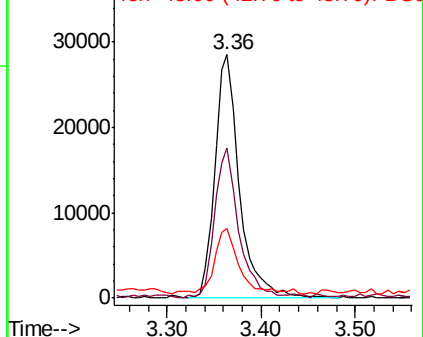
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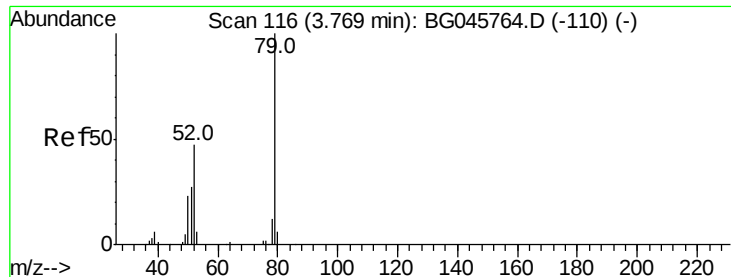
1,4-Dioxane
Concen: 38.046 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion: 88 Resp: 52110
Ion Ratio Lower Upper
88 100
58 60.9 46.1 69.1
43 26.5 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: 36.630 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

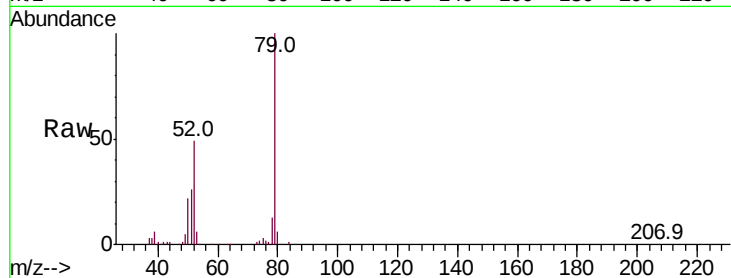
Tot Ion: 79 Resp: 148671

Ion Ratio Lower Upper

79 100

52 49.3 37.9 56.9

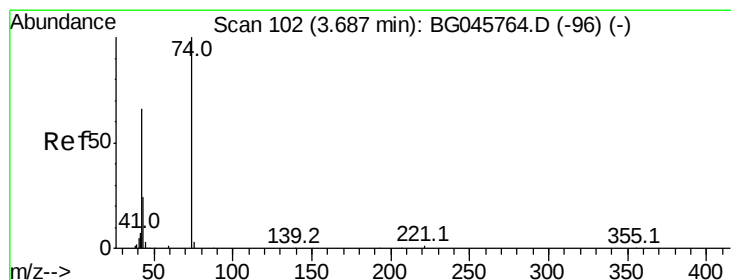
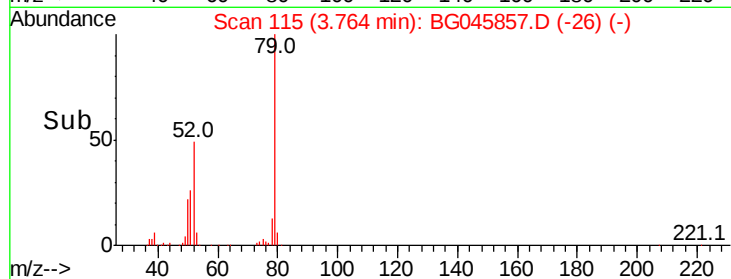
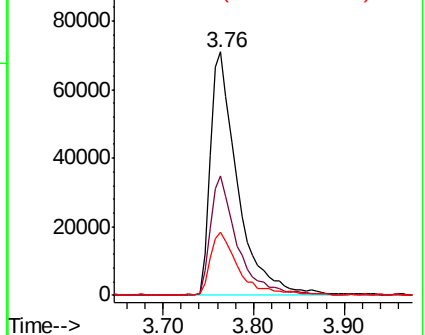
51 26.1 22.0 33.0



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: 44.597 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

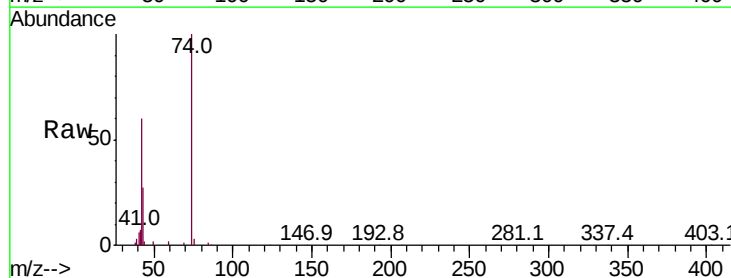
Tgt Ion: 42 Resp: 60758

Ion Ratio Lower Upper

42 100

74 165.5 121.0 181.4

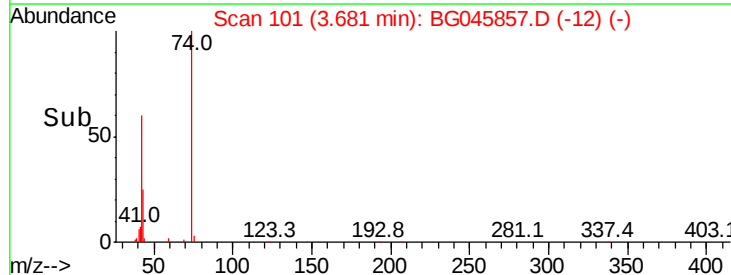
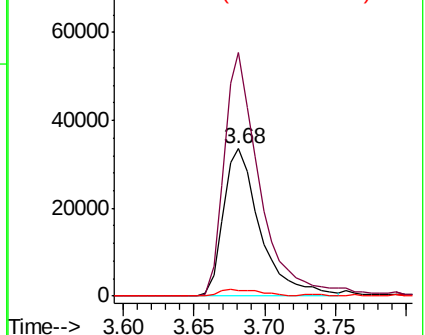
44 4.0 3.5 5.3

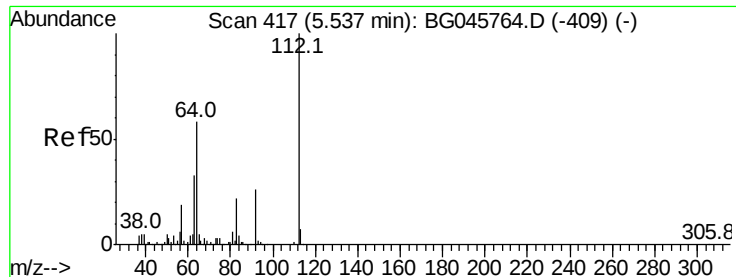


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.803 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

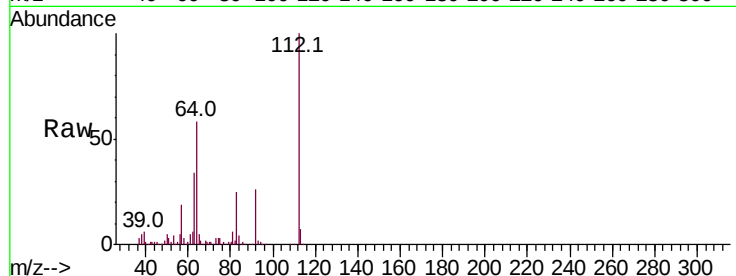
Tot Ion:112 Resp: 418077

Ion Ratio Lower Upper

112 100

64 57.9 46.6 69.8

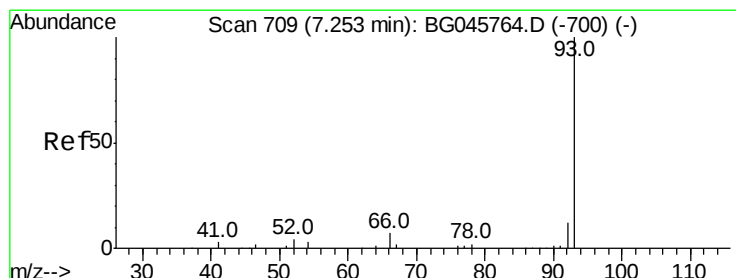
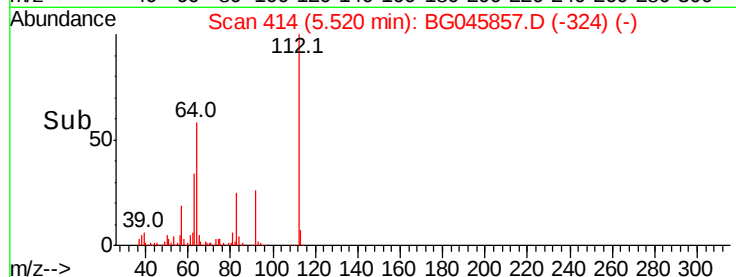
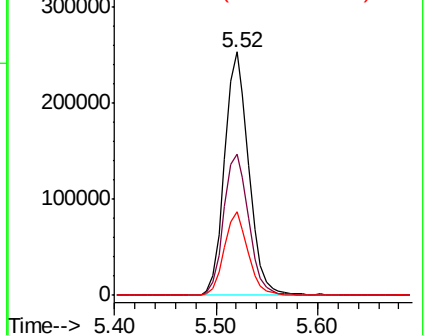
63 34.5 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.452 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

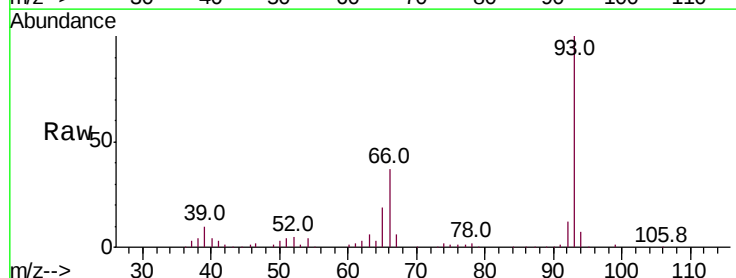
Tgt Ion: 93 Resp: 216661

Ion Ratio Lower Upper

93 100

66 36.9 30.0 45.0

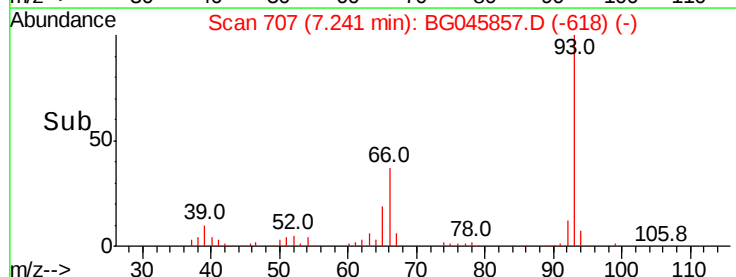
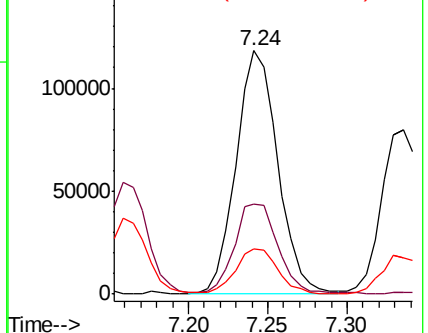
65 18.8 14.7 22.1

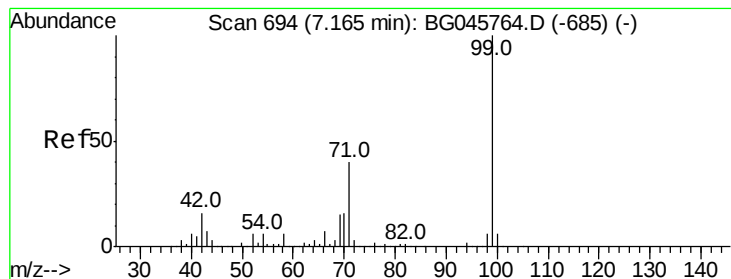


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.347 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

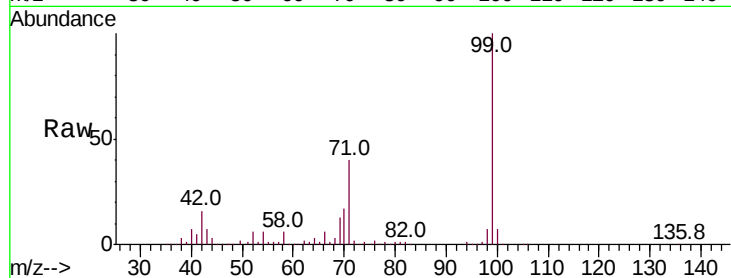
Tot Ion: 99 Resp: 583821

Ion Ratio Lower Upper

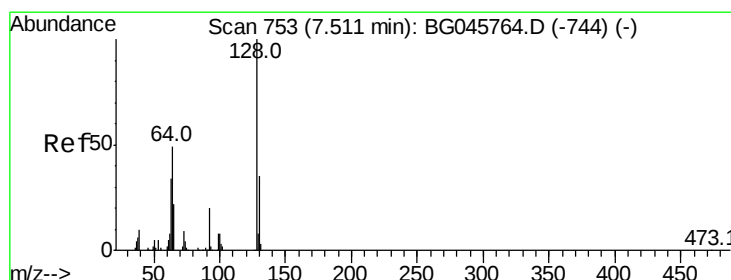
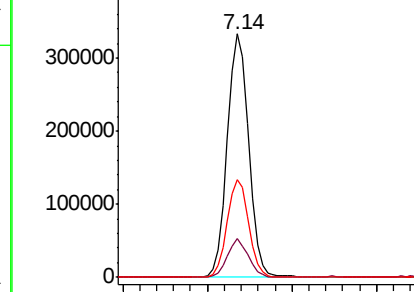
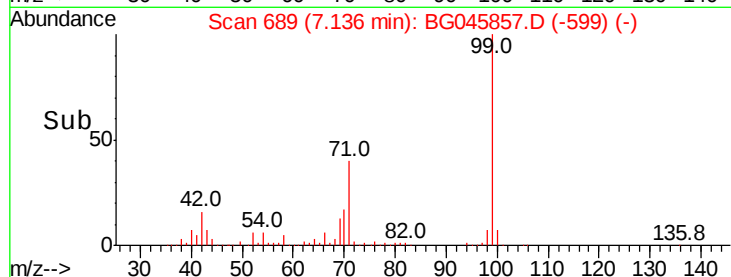
99 100

42 15.7 12.4 18.6

71 39.9 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: 46.888 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

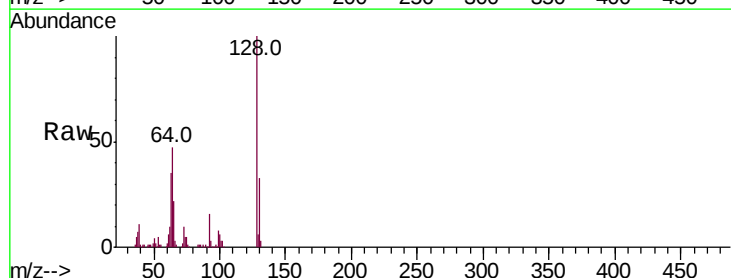
Tgt Ion:128 Resp: 150088

Ion Ratio Lower Upper

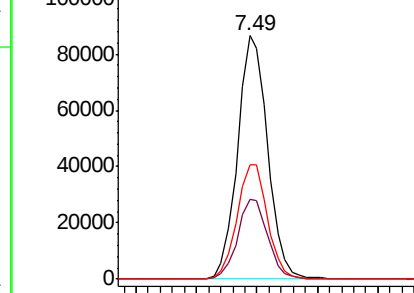
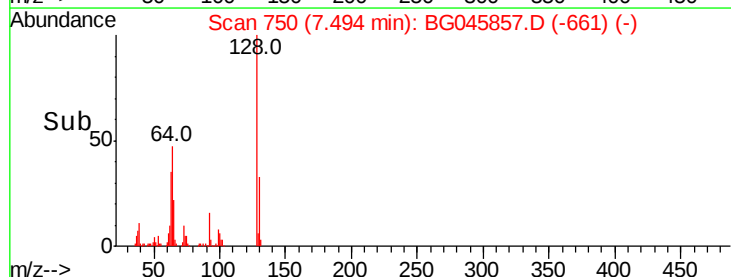
128 100

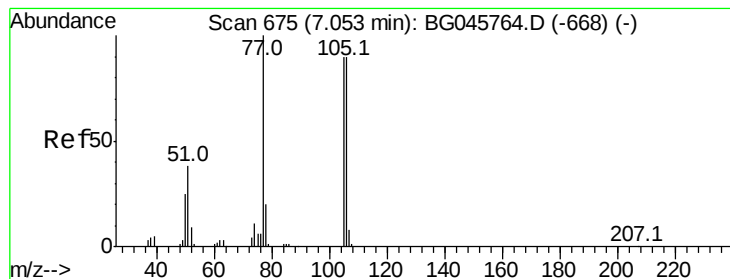
130 32.7 14.5 54.5

64 46.9 31.6 71.6



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





#9

Benzaldehyde

Concen: 31.674 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

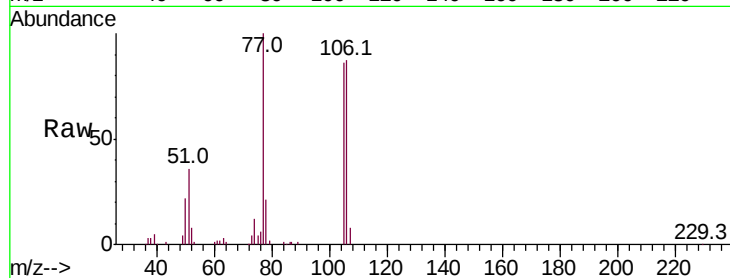
Tot Ion: 77 Resp: 86538

Ion Ratio Lower Upper

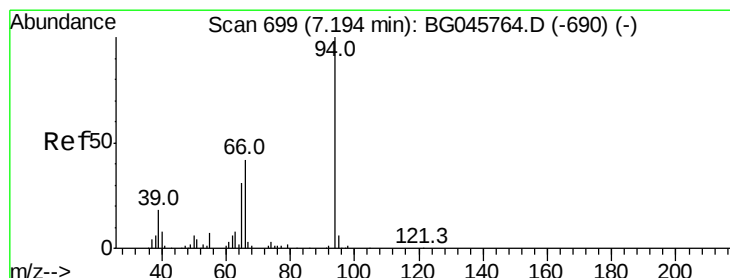
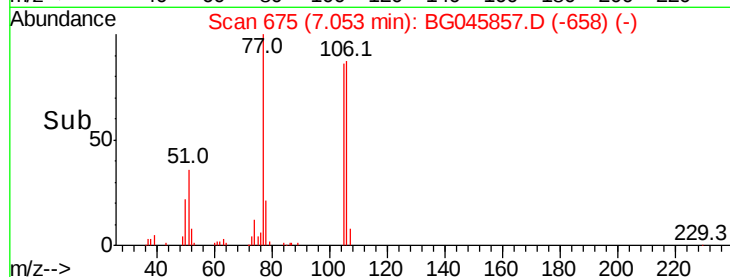
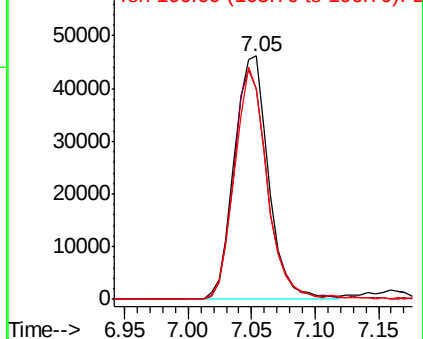
77 100

105 86.4 70.4 110.4

106 86.6 70.2 110.2



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



#10

Phenol

Concen: 44.854 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

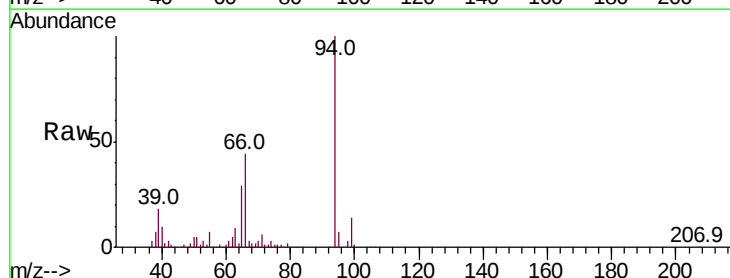
Tgt Ion: 94 Resp: 197693

Ion Ratio Lower Upper

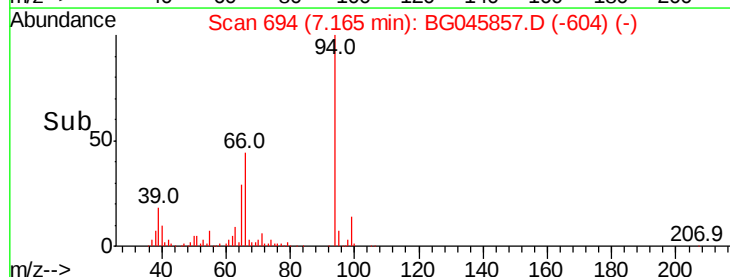
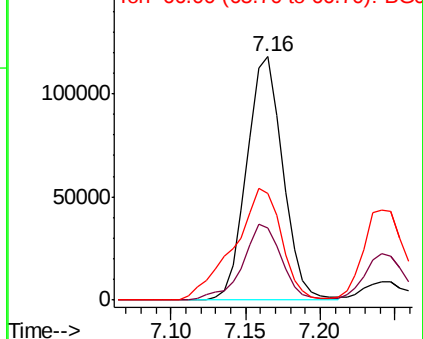
94 100

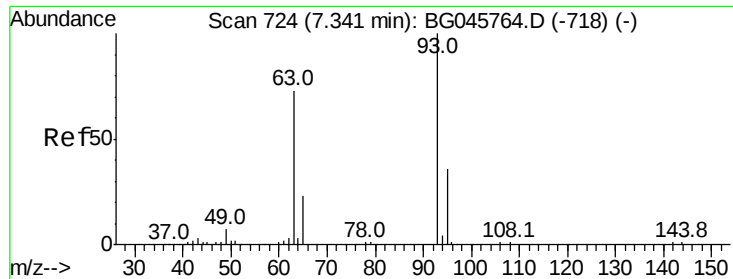
65 29.4 10.7 50.7

66 43.8 22.5 62.5



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





#11

bis(2-Chloroethyl)ether

Concen: 41.173 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleID :

PB129763BS

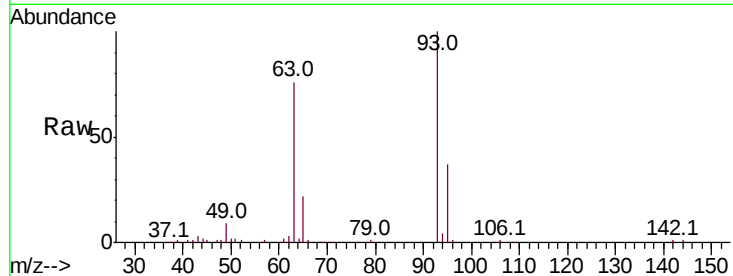
Tot Ion: 93 Resp: 137835

Ion Ratio Lower Upper

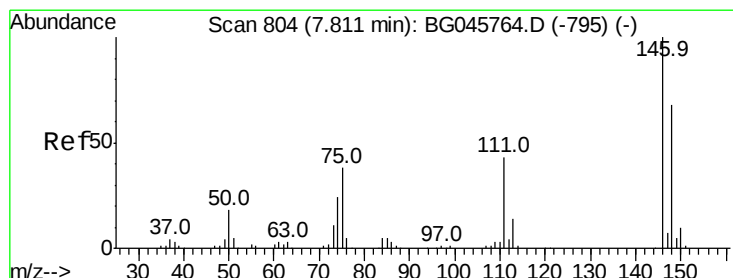
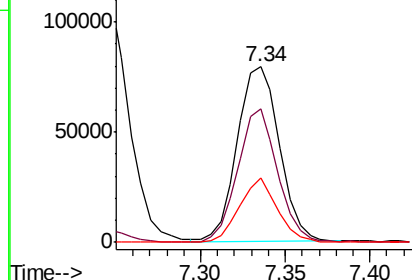
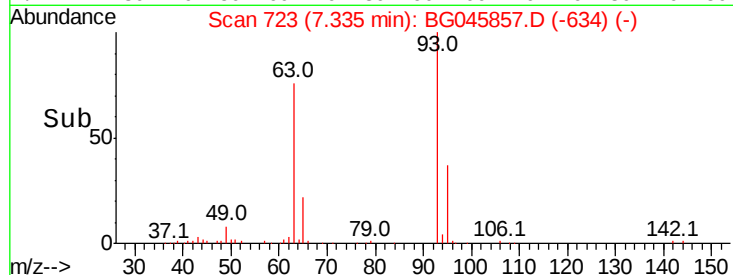
93 100

63 76.4 52.0 92.0

95 36.6 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: 43.093 ng

RT: 7.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

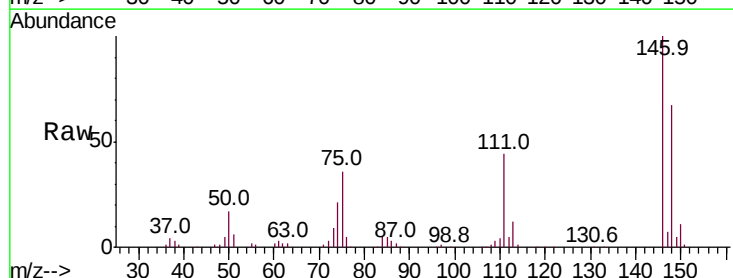
Tgt Ion: 146 Resp: 164384

Ion Ratio Lower Upper

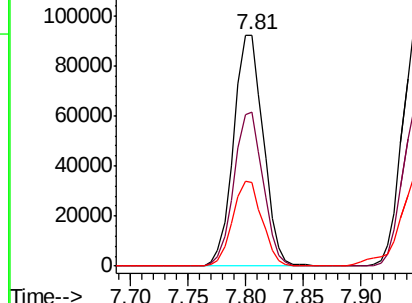
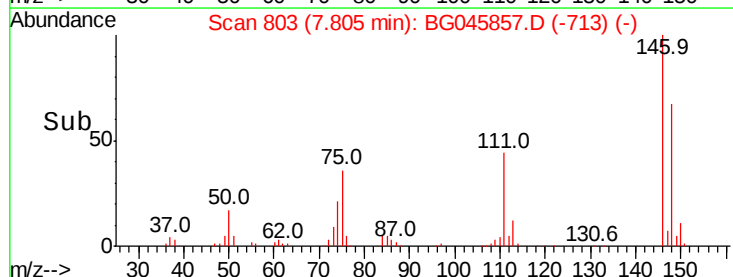
146 100

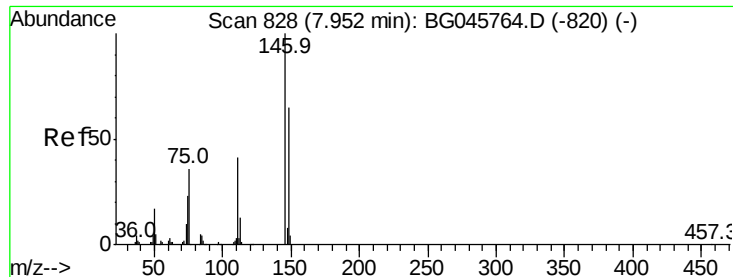
148 66.7 54.2 81.4

75 36.4 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: 43.354 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

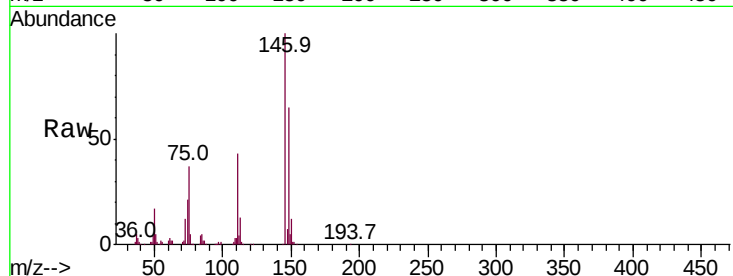
Tot Ion:146 Resp: 165188

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

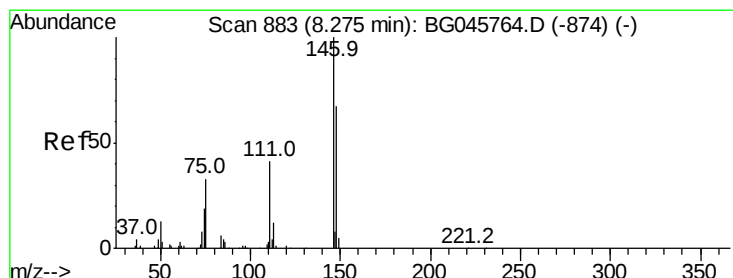
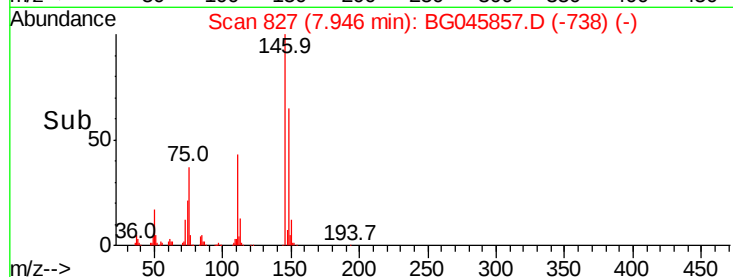
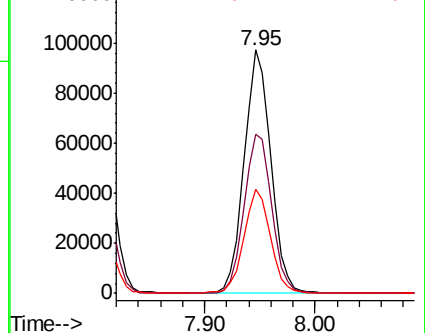
111 42.7 32.8 49.2



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: 42.407 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

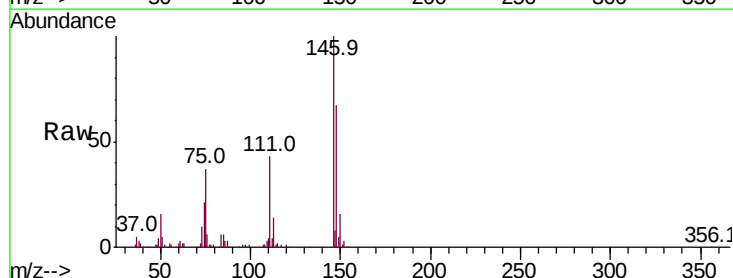
Tgt Ion:146 Resp: 154689

Ion Ratio Lower Upper

146 100

148 67.4 54.1 81.1

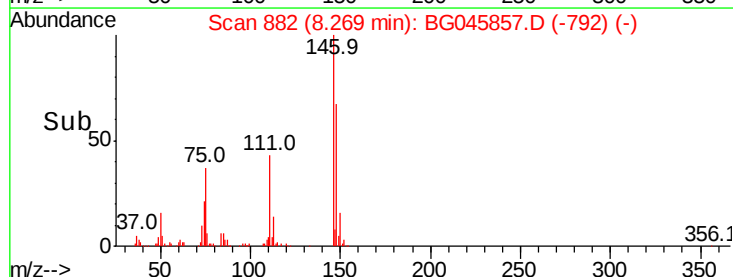
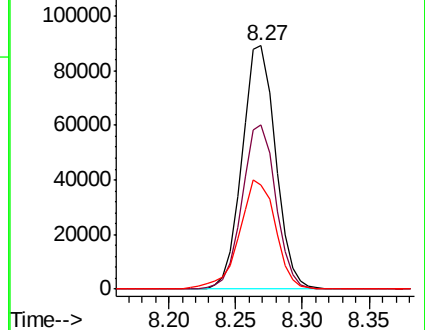
111 42.9 32.9 49.3

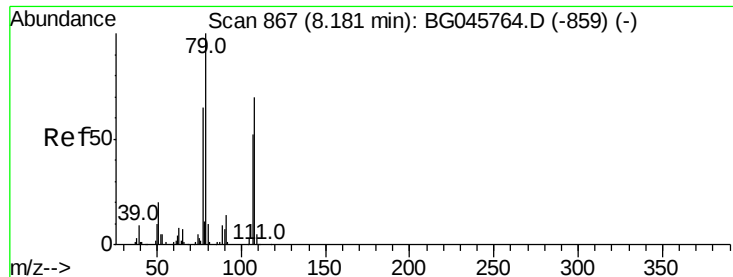


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.416 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

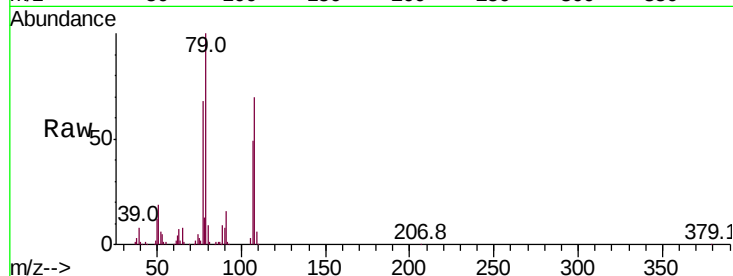
Tot Ion: 79 Resp: 149309

Ion Ratio Lower Upper

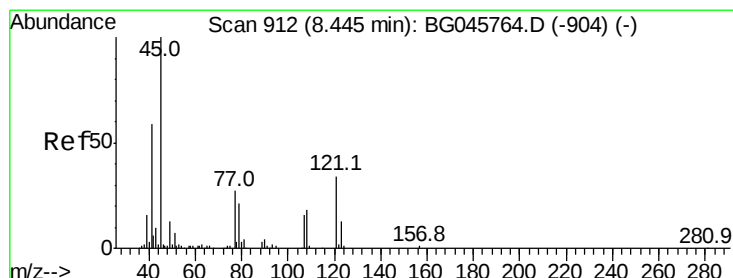
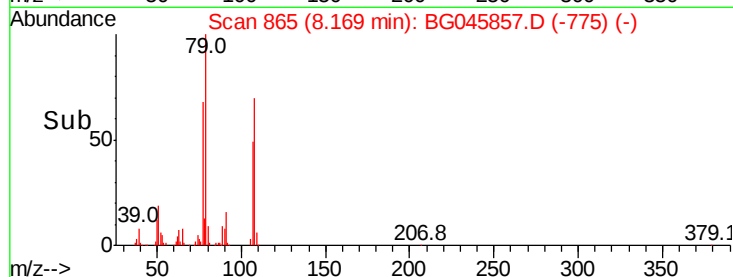
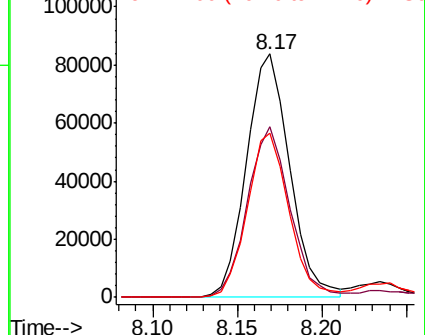
79 100

108 70.2 56.2 84.4

77 67.6 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.280 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

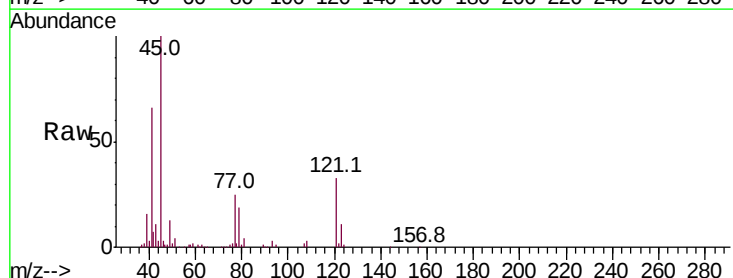
Tgt Ion: 45 Resp: 130243

Ion Ratio Lower Upper

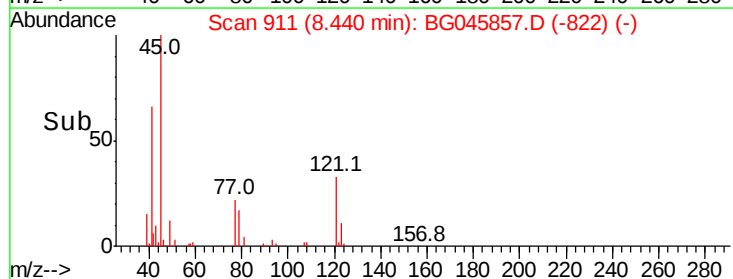
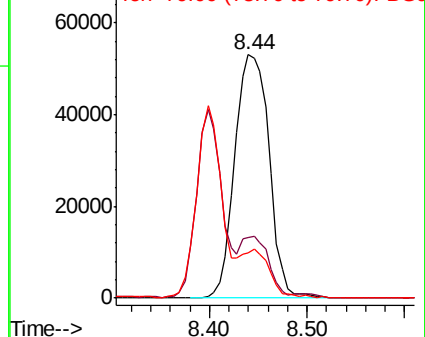
45 100

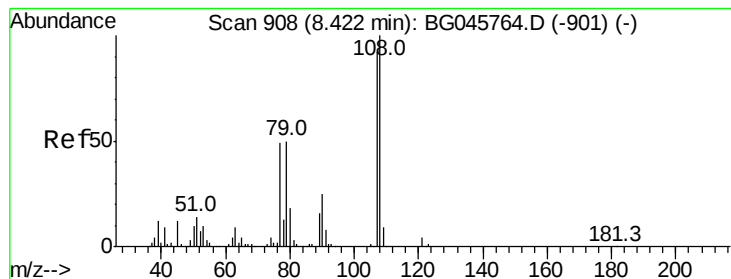
77 24.6 14.9 54.9

79 18.5 9.2 49.2



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





#17

2-Methylphenol

Concen: 40.915 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

Tot Ion:107 Resp: 134204

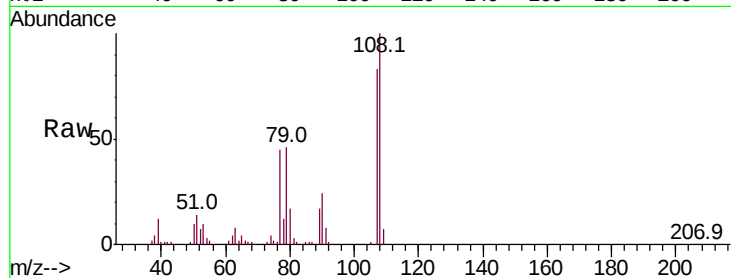
Ion Ratio Lower Upper

107 100

108 120.2 87.4 131.0

77 54.5 42.5 63.7

79 55.6 44.0 66.0



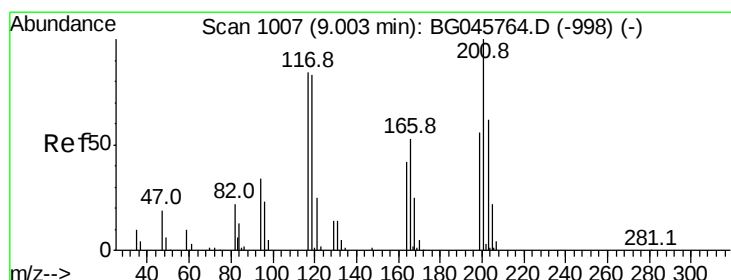
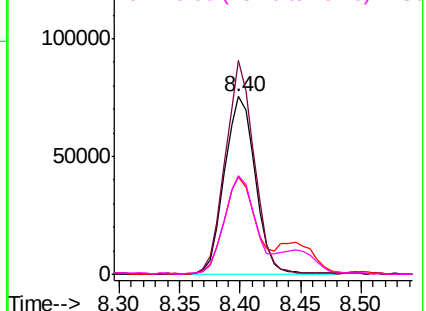
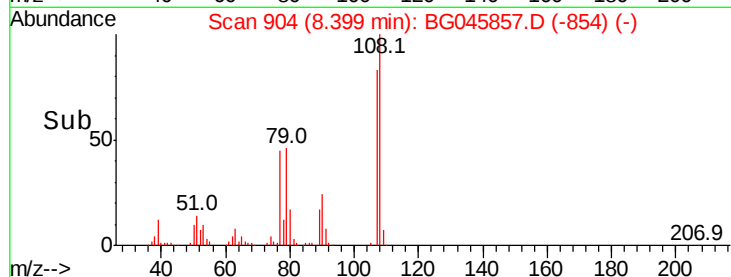
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 44.111 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

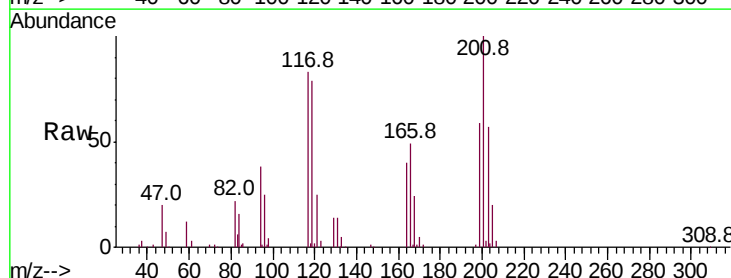
Tgt Ion:117 Resp: 63833

Ion Ratio Lower Upper

117 100

119 95.5 78.9 118.3

201 120.2 95.5 143.3

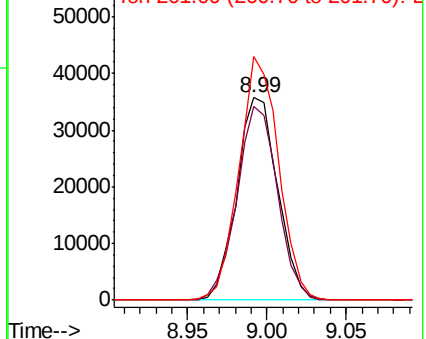
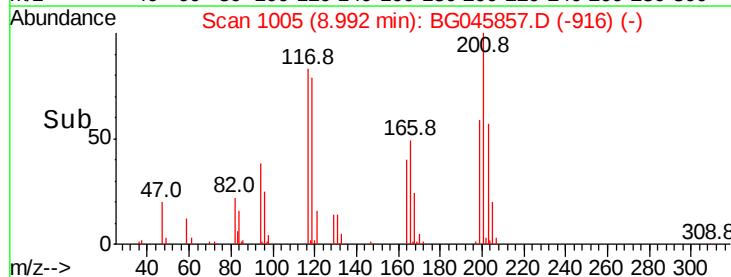


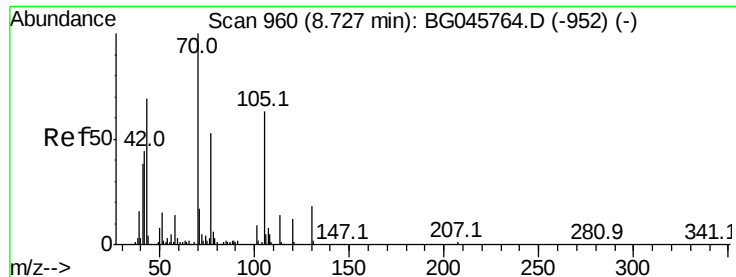
Abundance

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

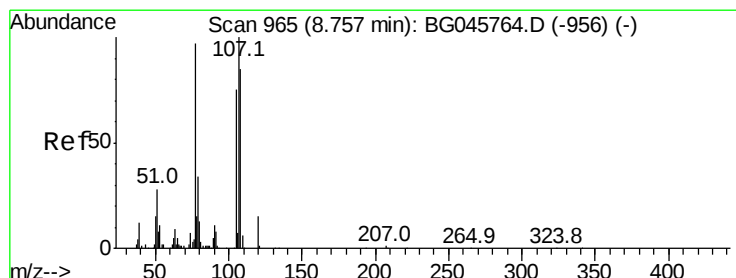
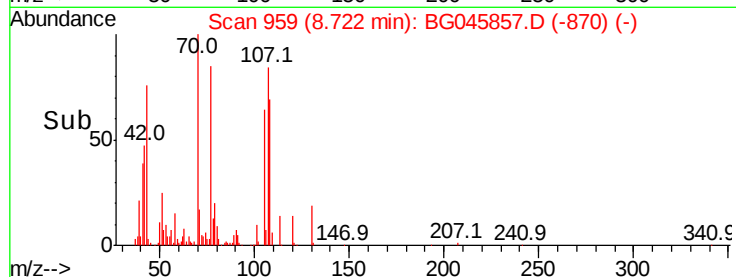
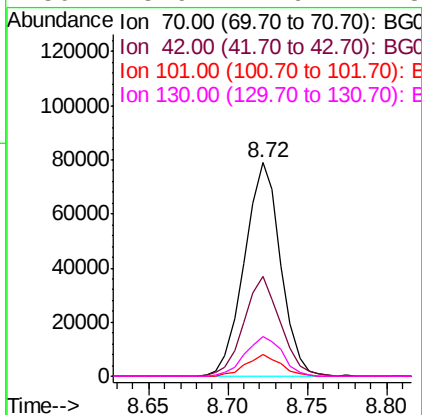
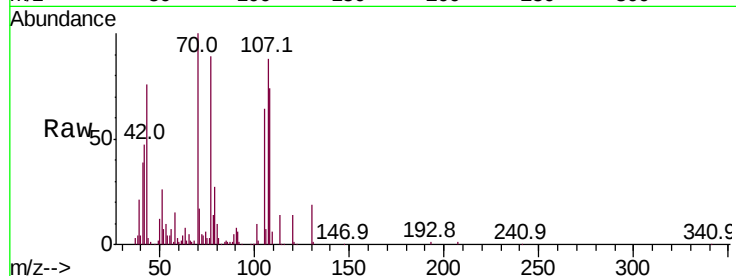




#19
n-Nitroso-di-n-propylamine
Concen: 41.913 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

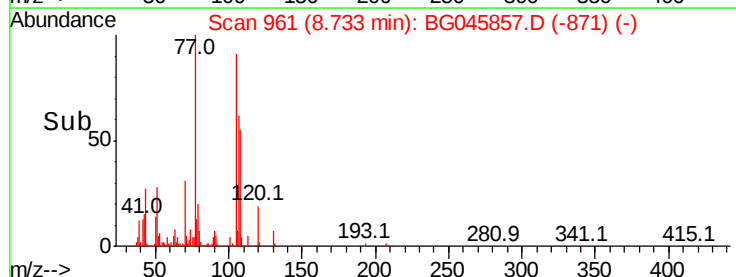
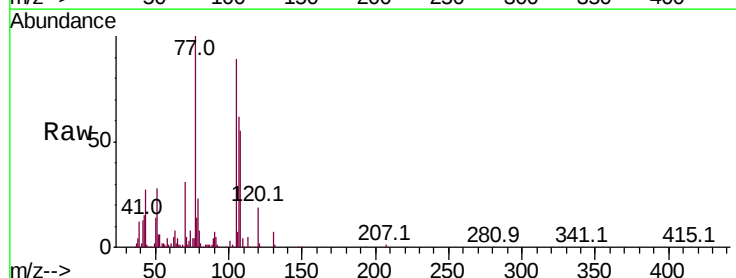
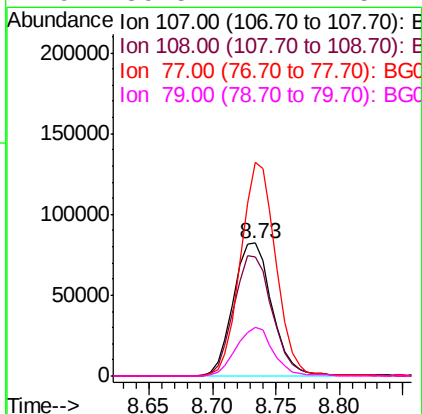
Instrument :
BNA_G
ClientSampleId :
PB129763BS

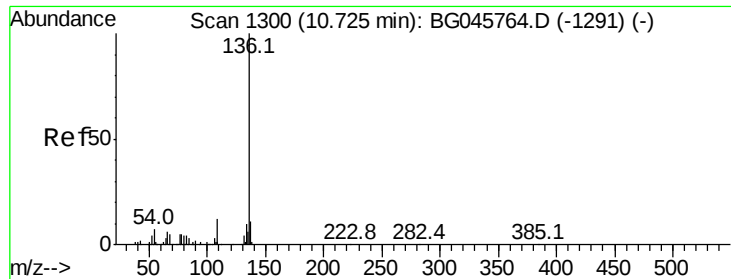
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	35.1	52.7
101	10.2	7.4	11.0
130	18.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.368 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	65.4	105.4
77	161.1	77.2	117.2#
79	36.5	14.2	54.2

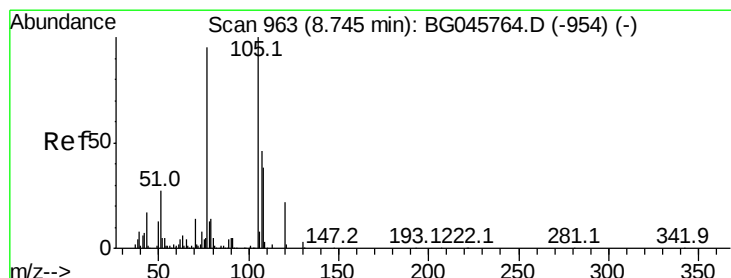
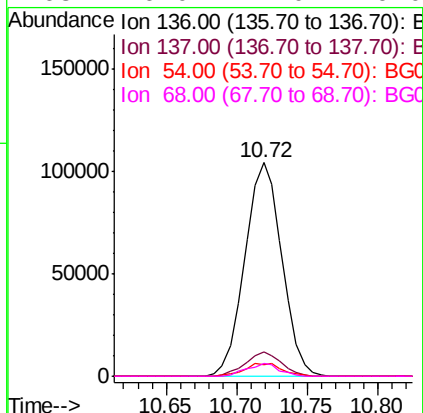
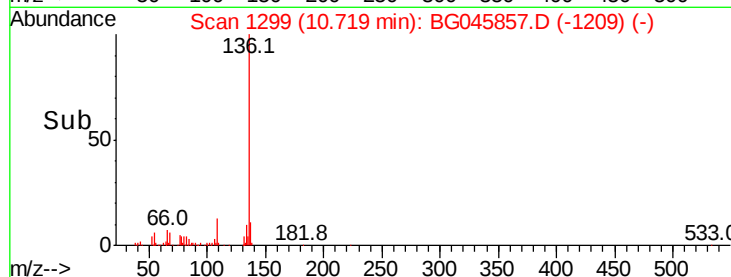
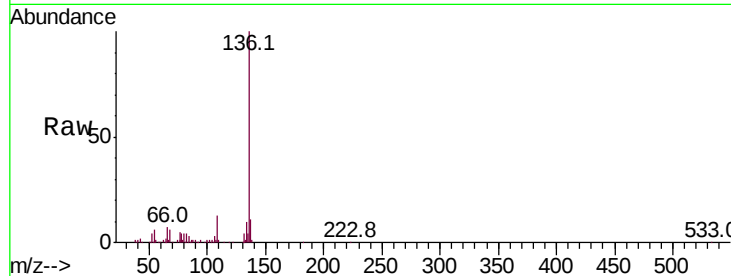




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

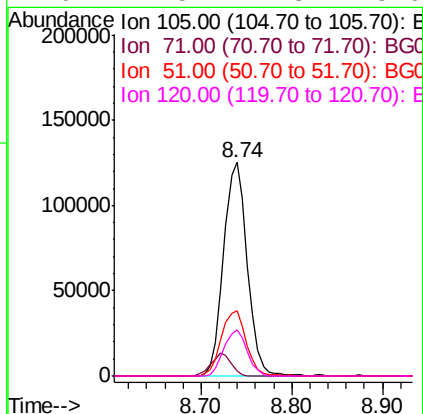
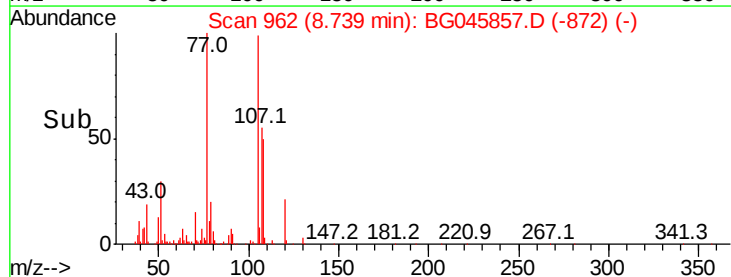
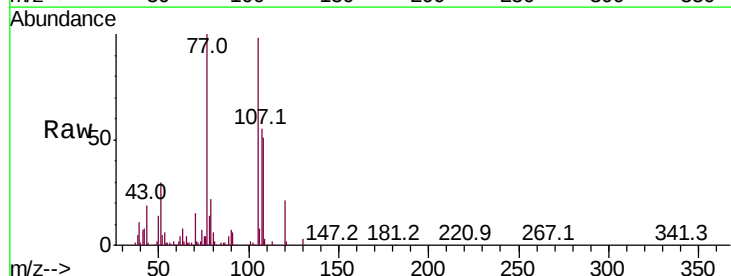
Instrument :
BNA_G
ClientSampleId :
PB129763BS

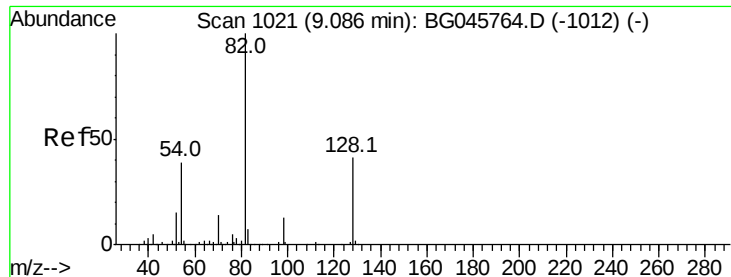
Tot Ion:136	Resp:	191317
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.7	13.1
54 5.7	5.8	8.6#
68 6.0	4.0	6.0



#22
Acetophenone
Concen: 43.253 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt	Ion:105	Resp:	227126
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.8	2.8
51	30.4	21.9	32.9
120	21.5	17.3	25.9

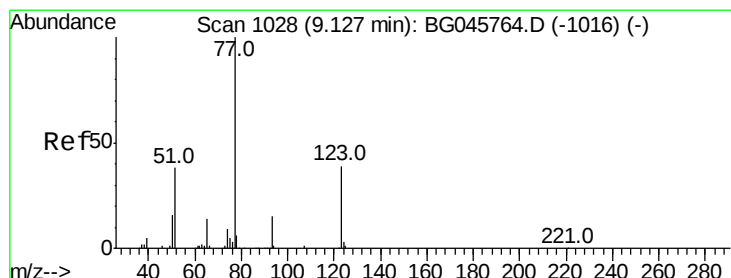
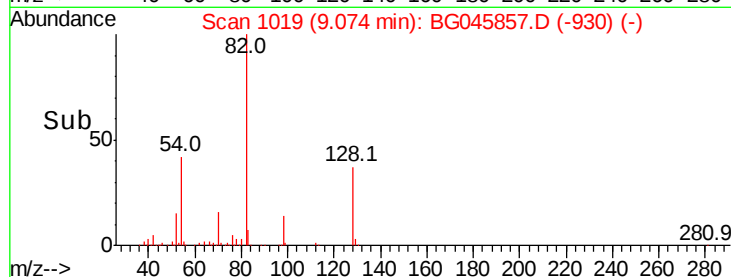
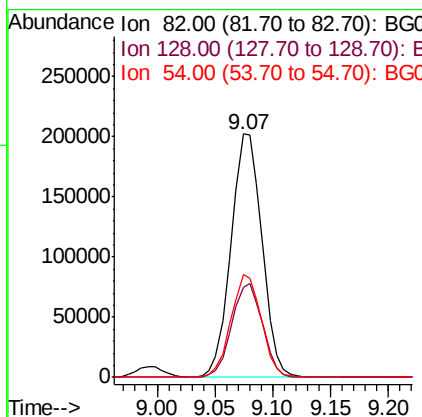
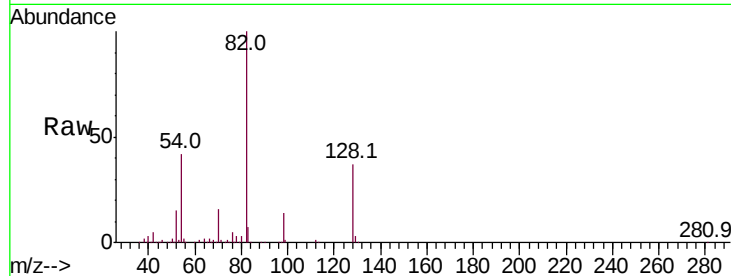




#23
 Nitrobenzene-d5
 Concen: 89.651 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

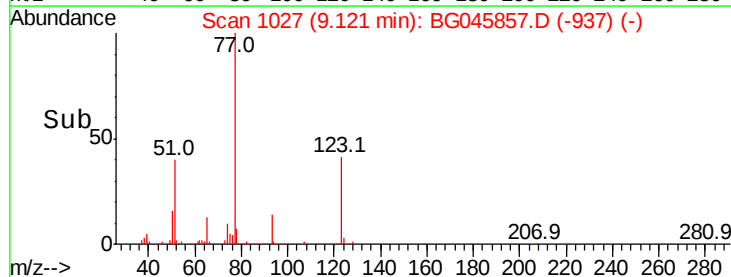
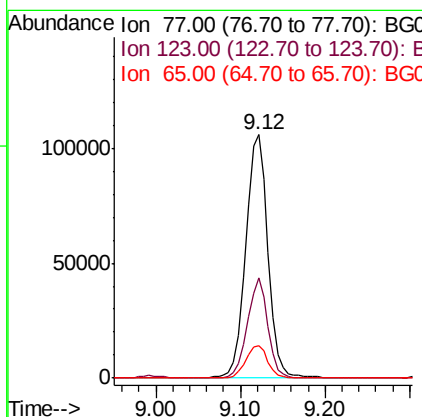
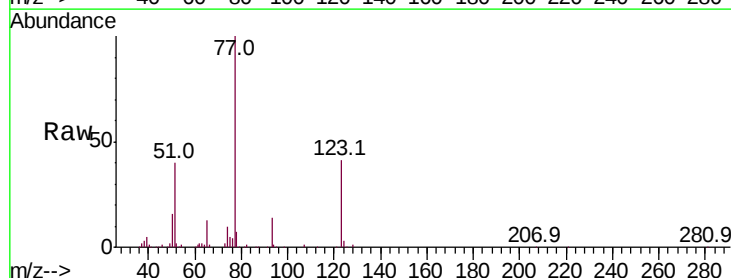
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BS

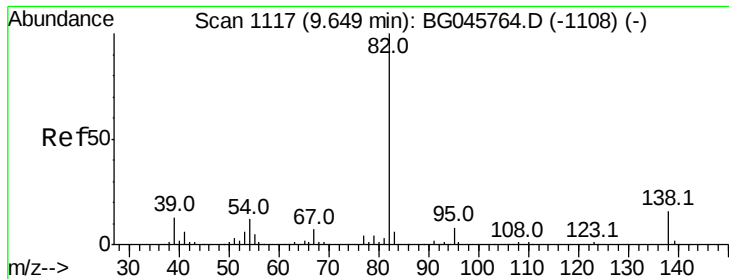
Tot Ion	82	Resp	375448
Ion Ratio	Lower	Upper	
82	100		
128	37.1	32.5	48.7
54	42.3	31.2	46.8



#24
 Nitrobenzene
 Concen: 43.294 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

Tgt Ion	77	Resp	193320
Ion Ratio	Lower	Upper	
77	100		
123	40.9	31.2	46.8
65	13.2	11.4	17.2





#25

Isophorone

Concen: 41.169 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

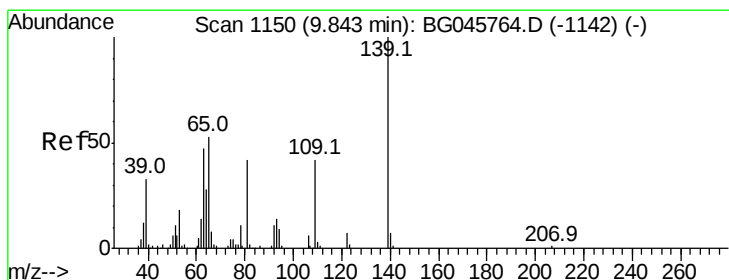
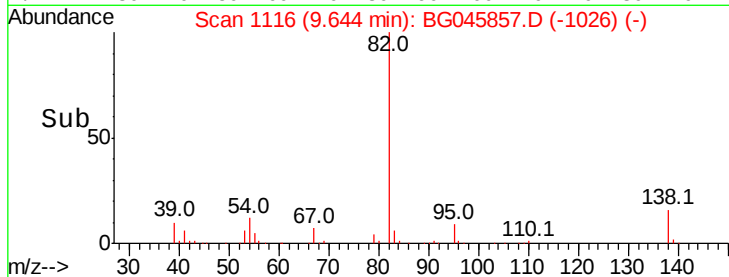
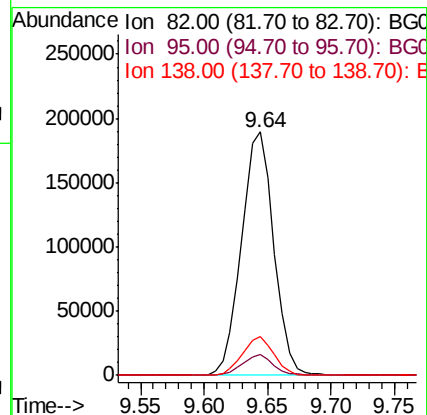
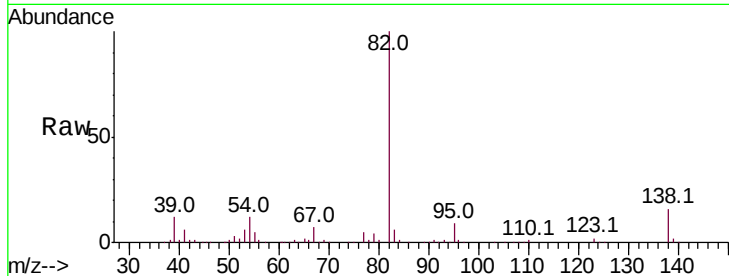
Tot Ion: 82 Resp: 333774

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.4

138 16.1 12.6 18.8



#26

2-Nitrophenol

Concen: 45.925 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

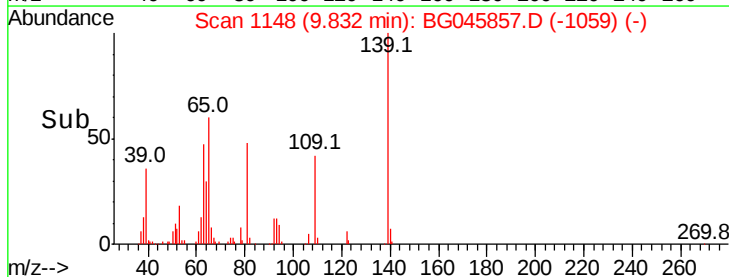
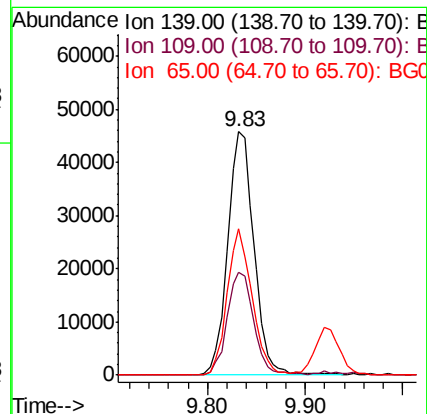
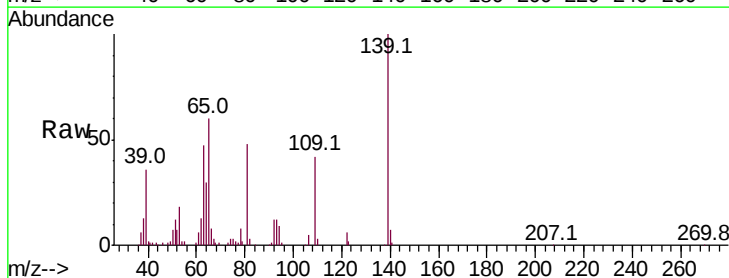
Tgt Ion:139 Resp: 85434

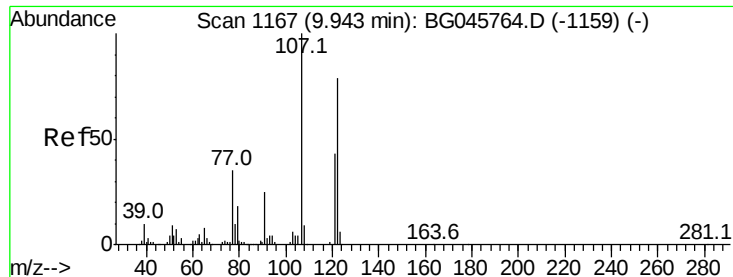
Ion Ratio Lower Upper

139 100

109 42.1 33.5 50.3

65 60.3 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 47.118 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

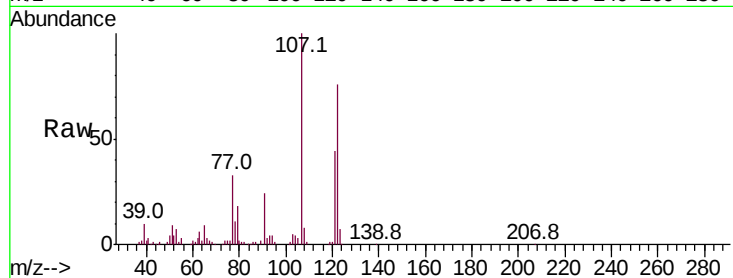
Tot Ion:122 Resp: 133824

Ion Ratio Lower Upper

122 100

107 132.4 101.3 151.9

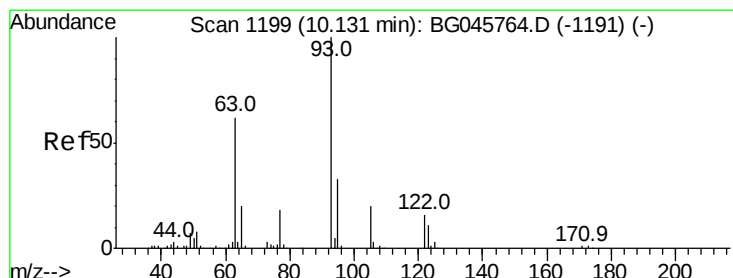
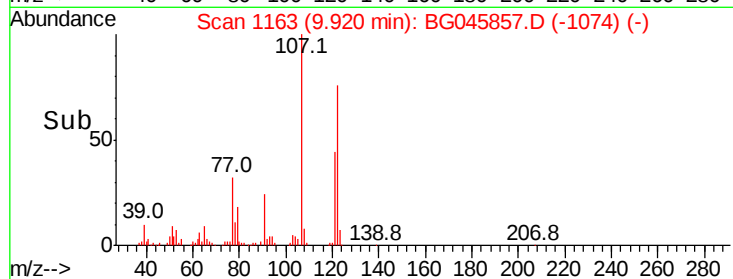
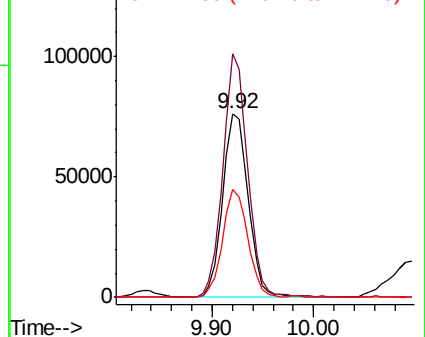
121 58.7 43.9 65.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.971 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

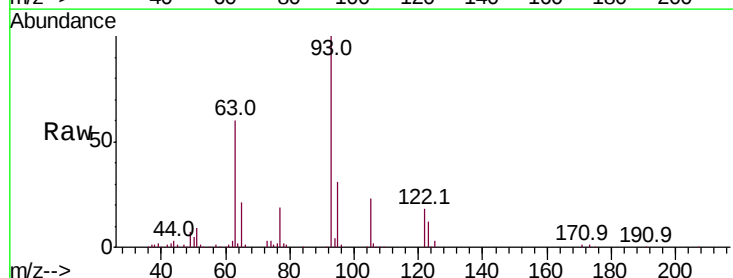
Tgt Ion: 93 Resp: 186211

Ion Ratio Lower Upper

93 100

95 30.9 26.3 39.5

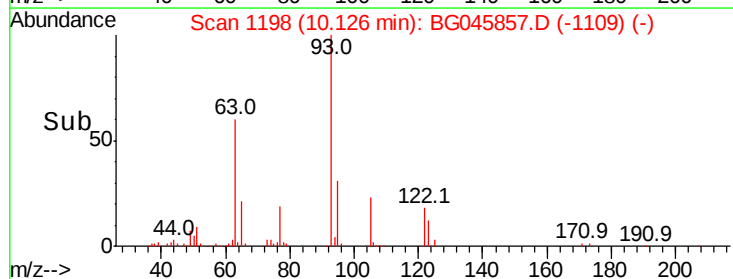
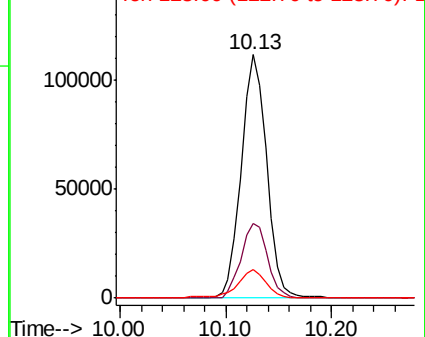
123 12.0 9.3 13.9

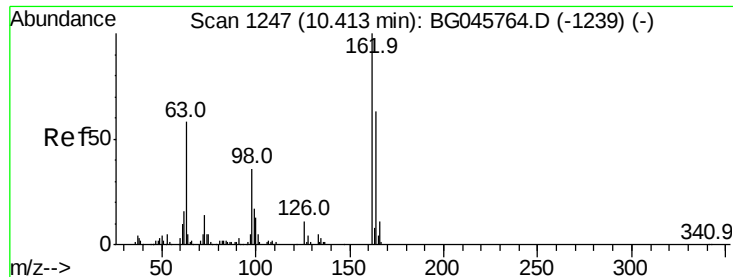


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.858 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

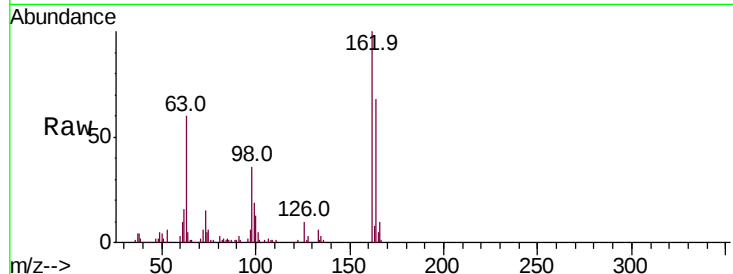
Tot Ion:162 Resp: 148646

Ion Ratio Lower Upper

162 100

164 68.1 43.3 83.3

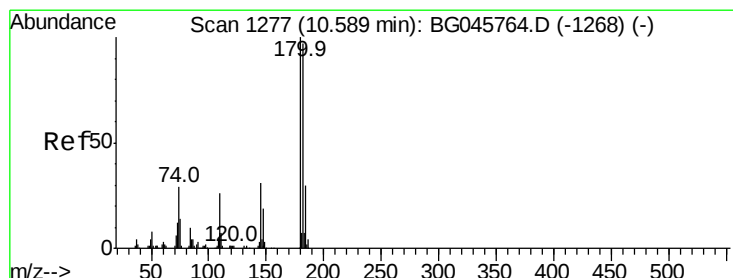
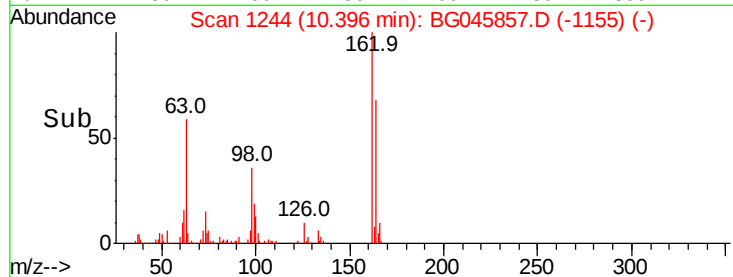
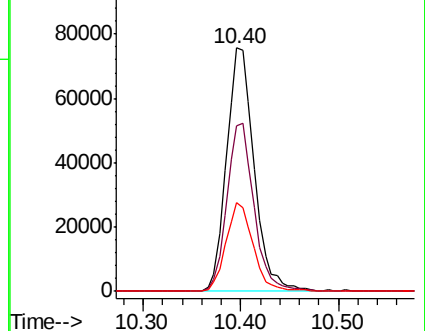
98 36.2 15.5 55.5



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.809 ng

RT: 10.58 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

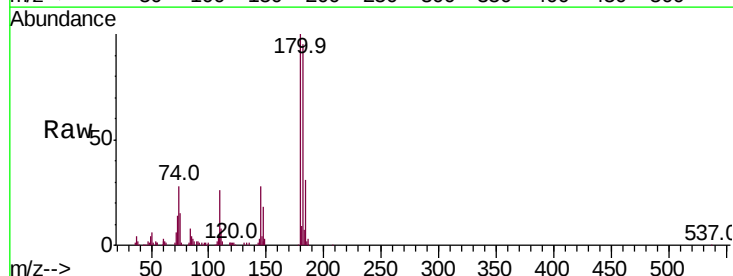
Tgt Ion:180 Resp: 171857

Ion Ratio Lower Upper

180 100

182 95.4 77.8 116.6

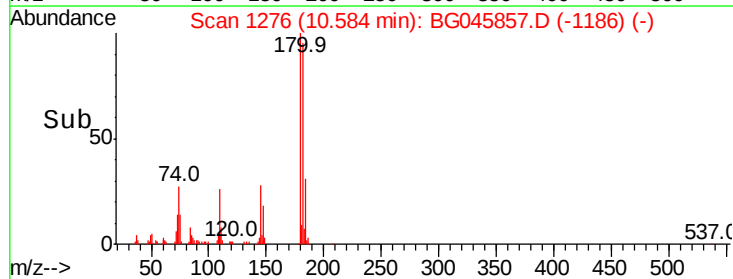
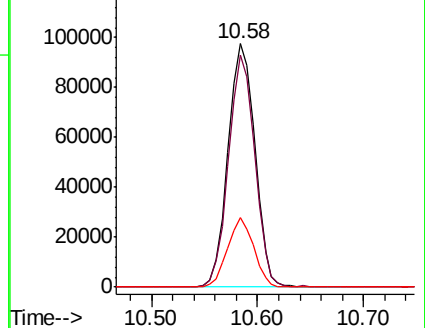
145 28.4 24.5 36.7

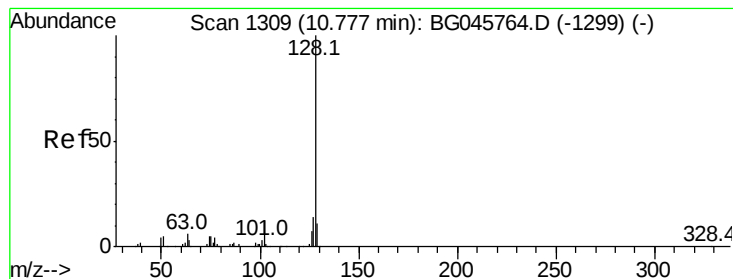


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.054 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

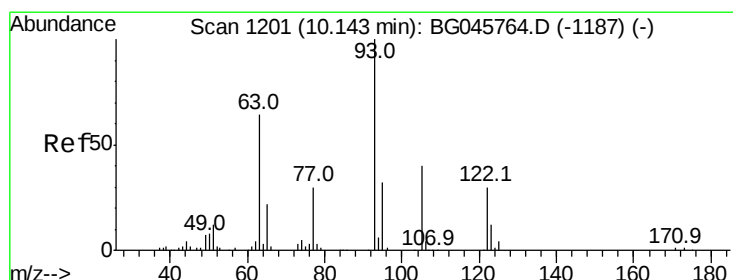
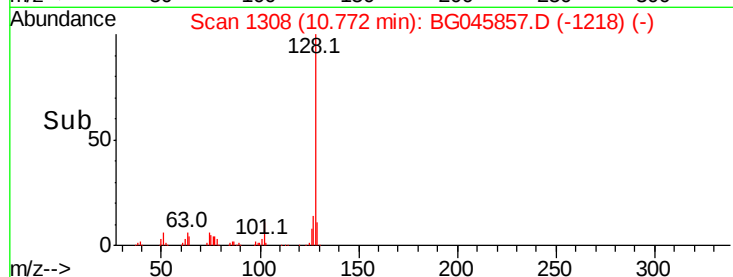
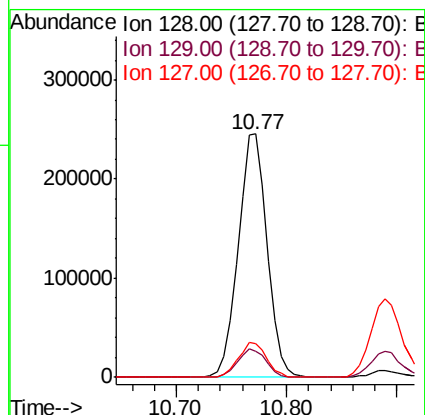
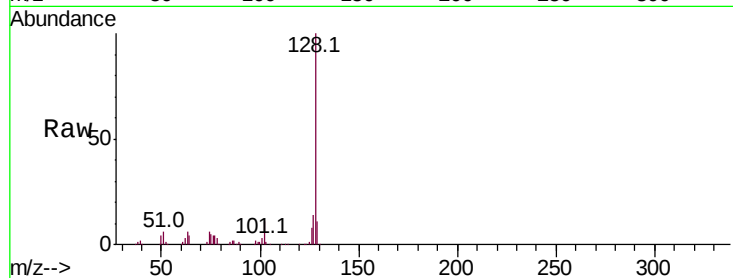
Tot Ion:128 Resp: 450323

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 41.362 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

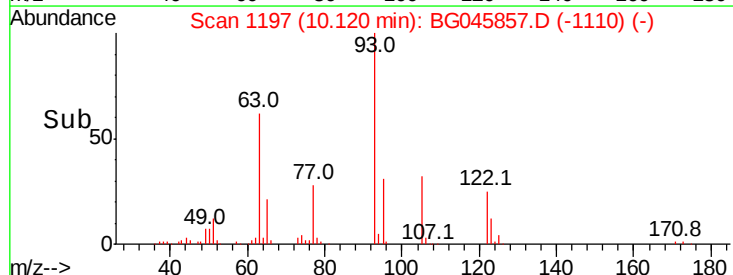
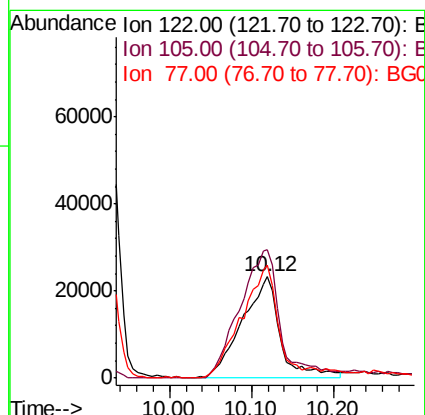
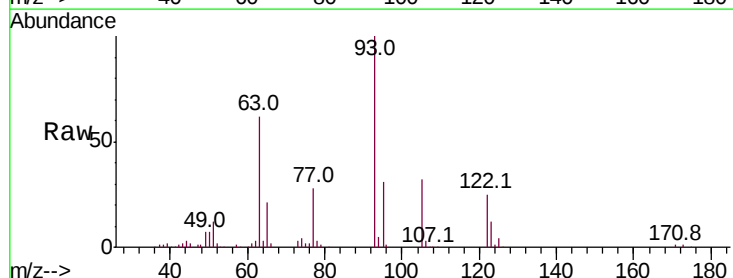
Tgt Ion:122 Resp: 73376

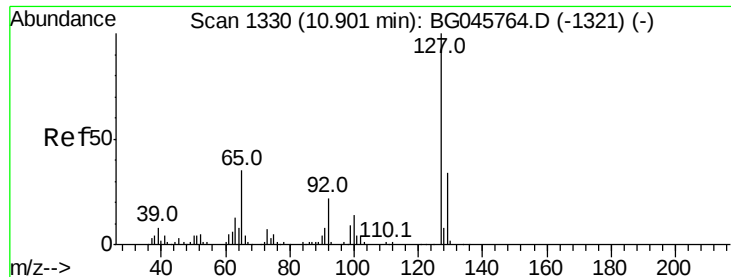
Ion Ratio Lower Upper

122 100

105 126.2 112.9 152.9

77 111.5 79.2 119.2

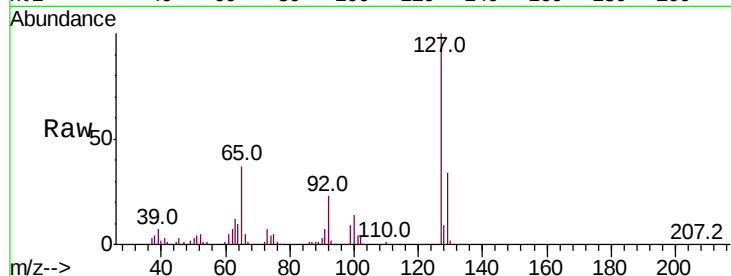




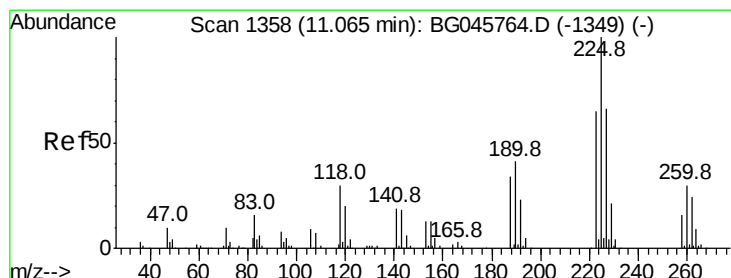
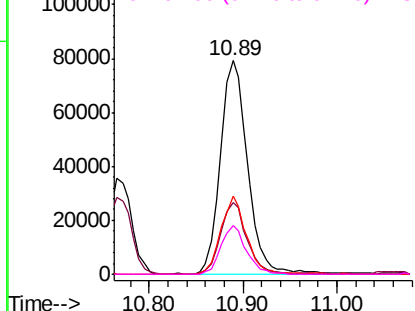
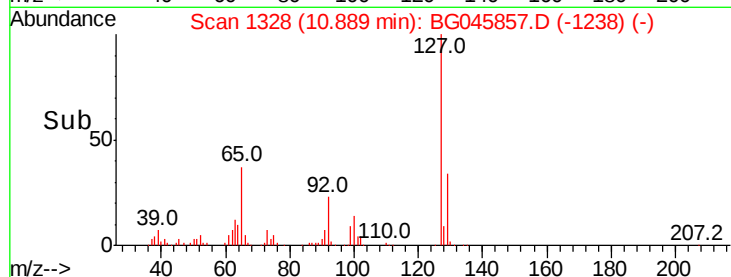
#33
4-Chloroaniline
Concen: 36.612 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:127 Resp: 160368
Ion Ratio Lower Upper
127 100
129 33.6 26.8 40.2
65 36.6 27.8 41.8
92 23.0 17.3 25.9

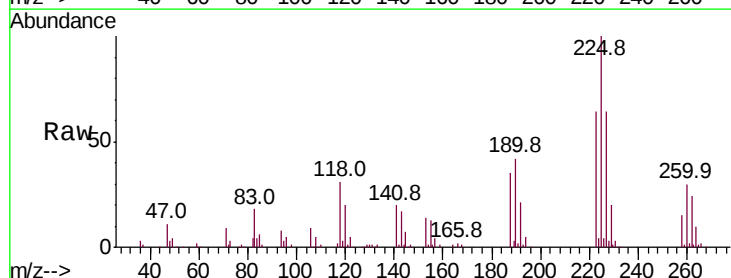


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

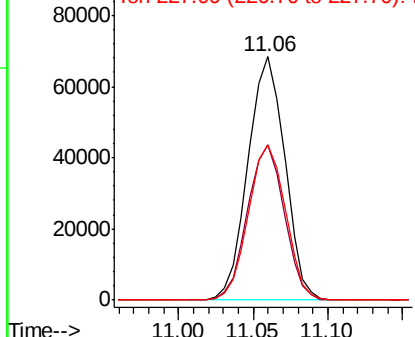
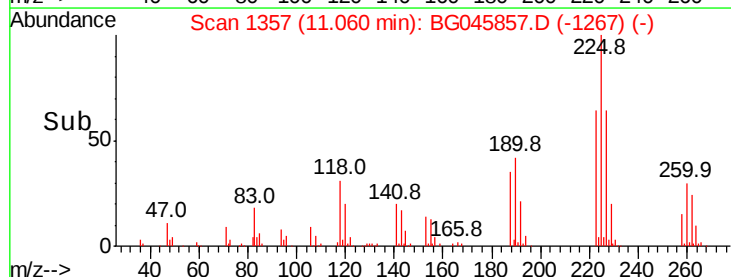


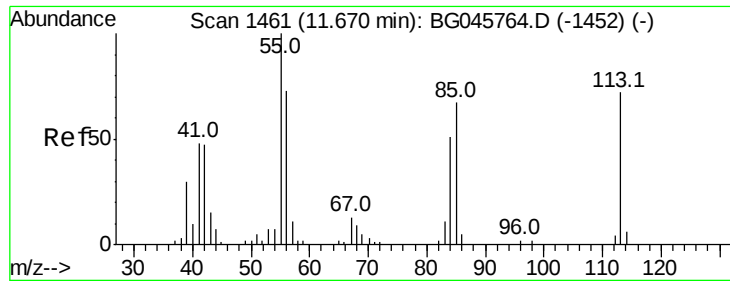
#34
Hexachlorobutadiene
Concen: 41.934 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:225 Resp: 116992
Ion Ratio Lower Upper
225 100
223 63.7 52.0 78.0
227 63.7 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

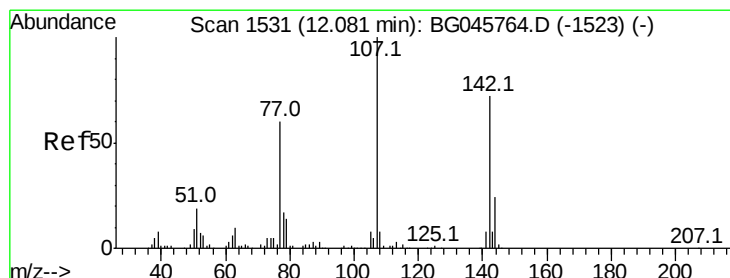
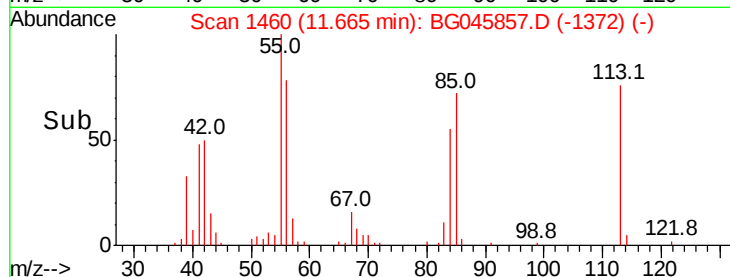
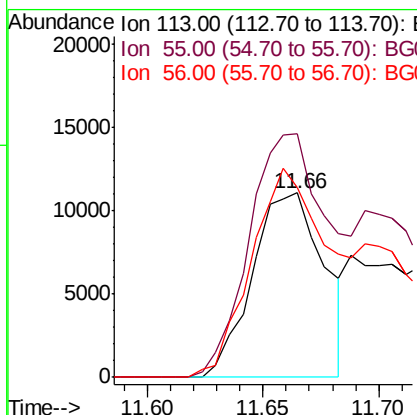
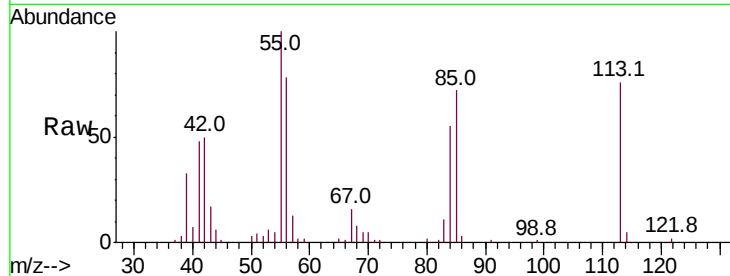




#35
 Caprolactam
 Concen: 22.157 ng
 RT: 11.66 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

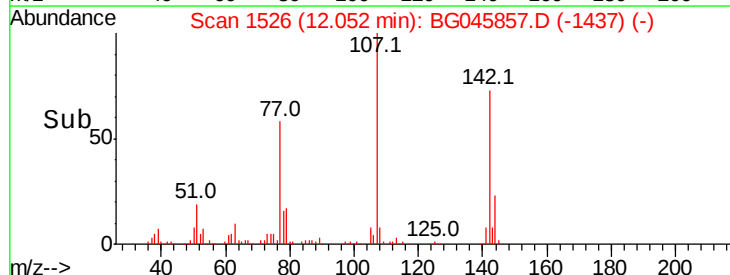
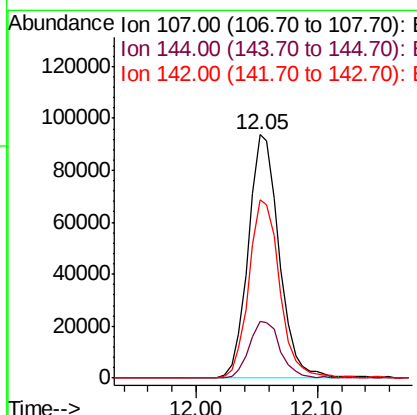
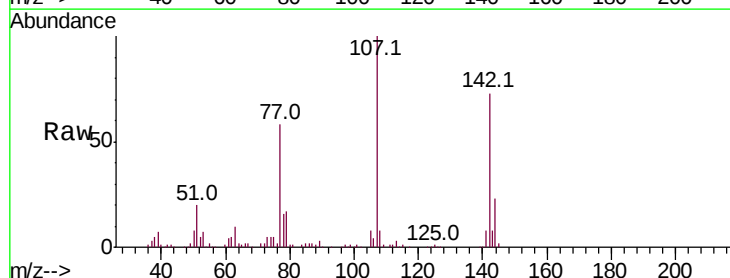
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BS

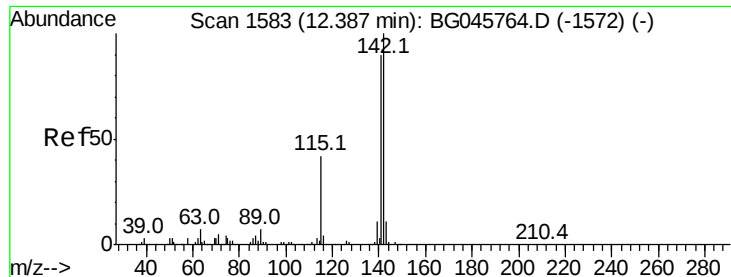
Tot Ion:113 Resp: 23759
 Ion Ratio Lower Upper
 113 100
 55 131.9 119.7 159.7
 56 102.7 82.5 122.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.554 ng
 RT: 12.05 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

Tgt Ion:107 Resp: 166637
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.5 29.3
 142 73.2 57.4 86.0

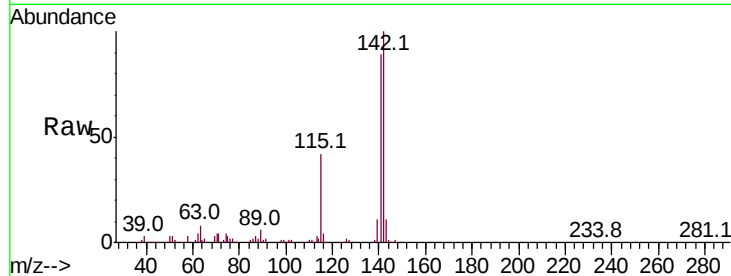




#37
2-Methylnaphthalene
Concen: 43.585 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.7	107.5
115	42.0	33.8	50.6

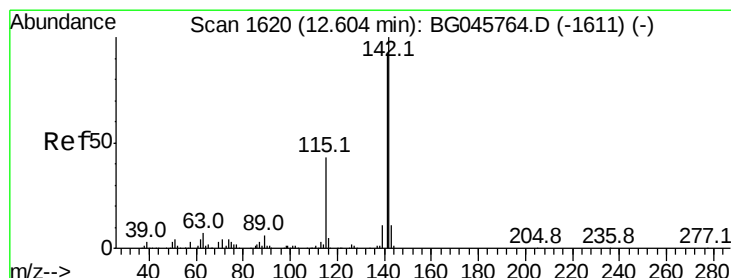
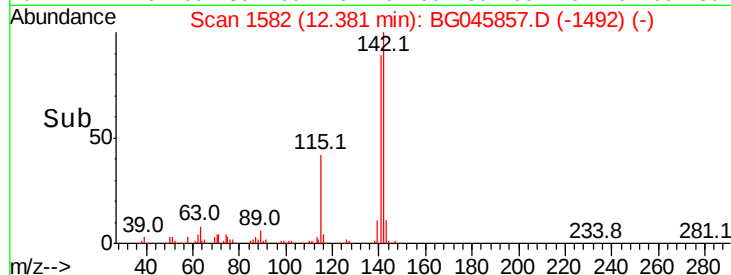
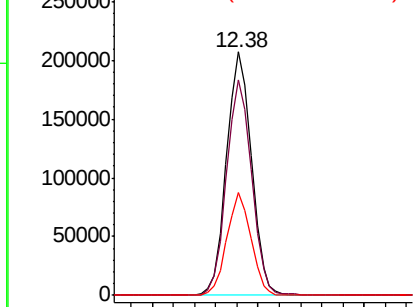


Abundance

Ion 142.00 (141.70 to 142.70): E

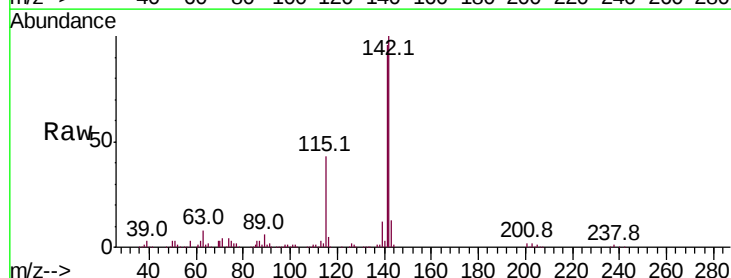
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.843 ng
RT: 12.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.8	110.8
116	4.8	3.8	5.8

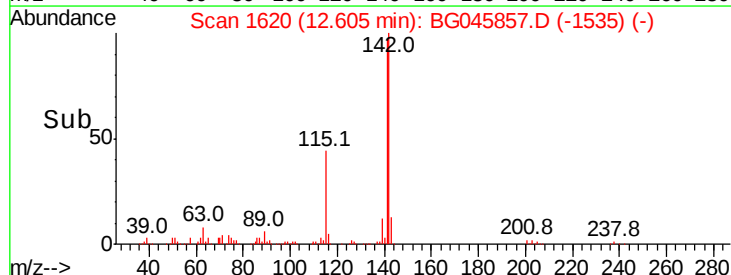
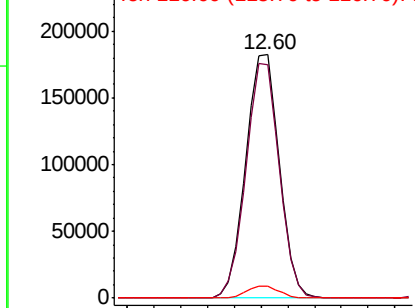


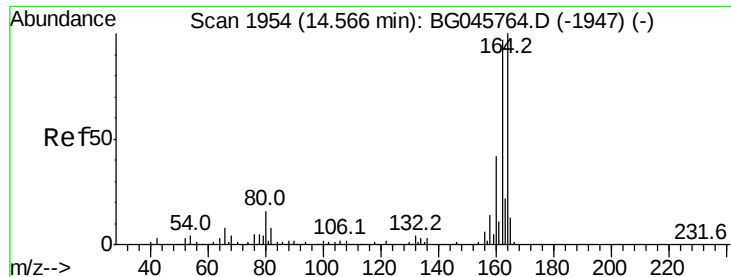
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

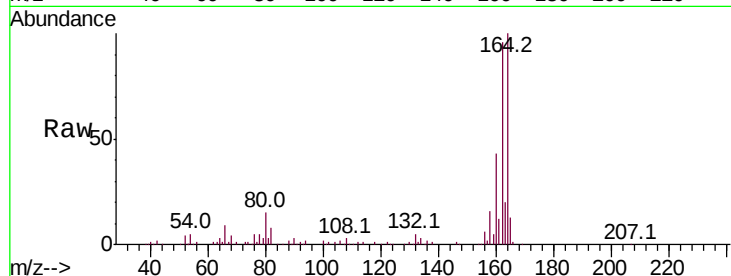
Tot Ion:164 Resp: 131634

Ion Ratio Lower Upper

164 100

162 96.0 77.4 116.0

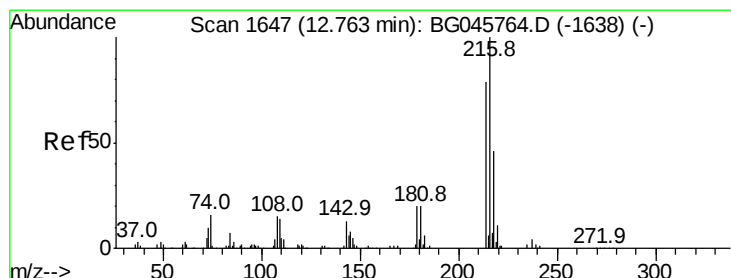
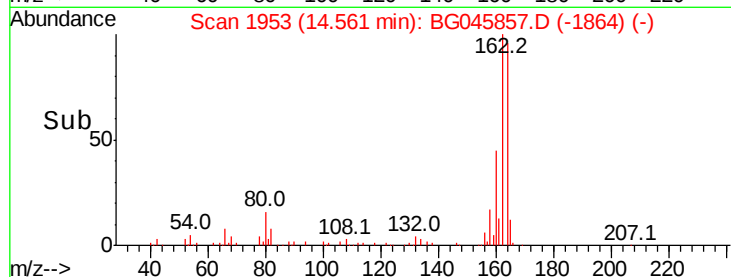
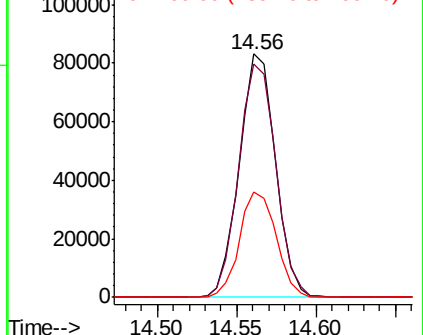
160 43.3 33.3 49.9



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: 43.930 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Tgt Ion:216 Resp: 190409

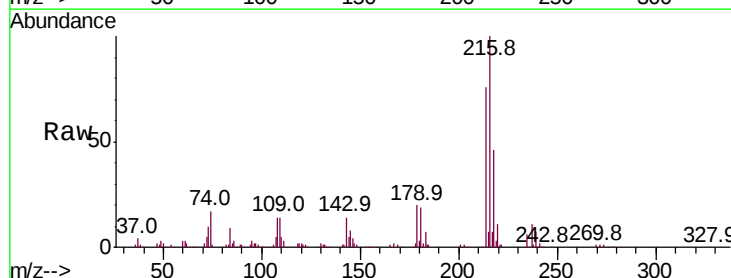
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 19.5 16.2 24.4

108 19.2 13.4 20.2

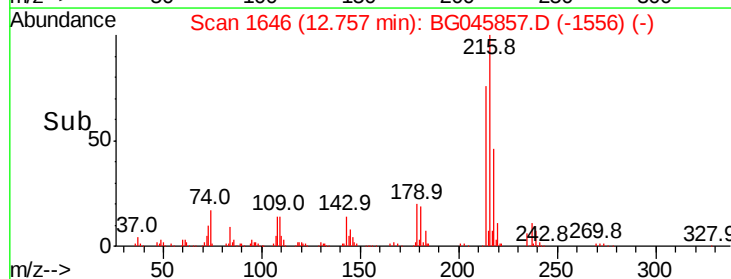
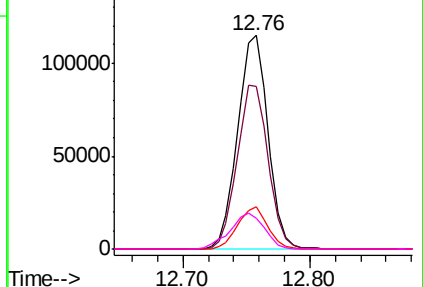


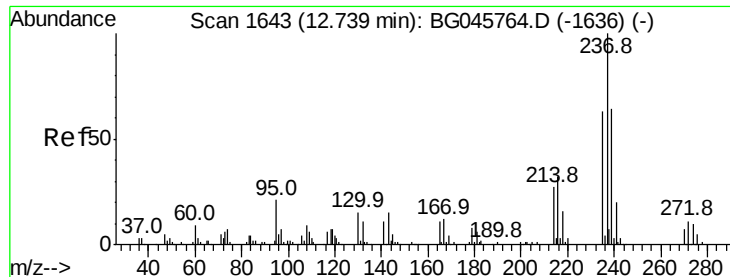
Abundance Ion 216.00 (215.70 to 216.70): E

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

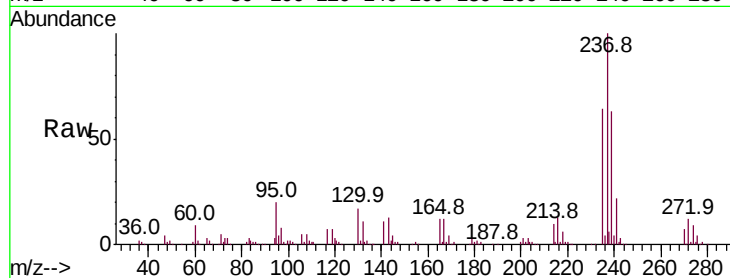




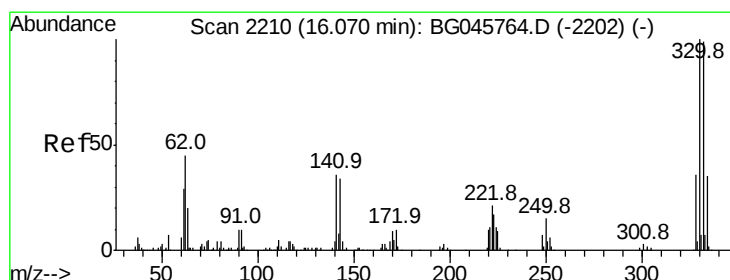
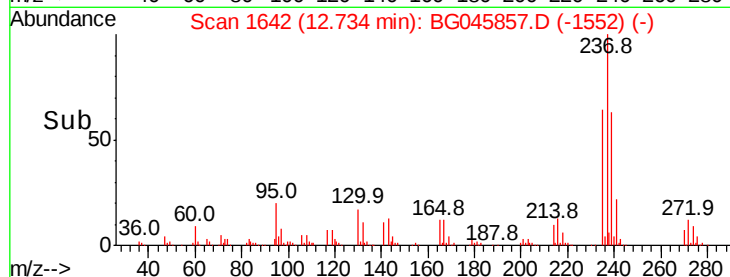
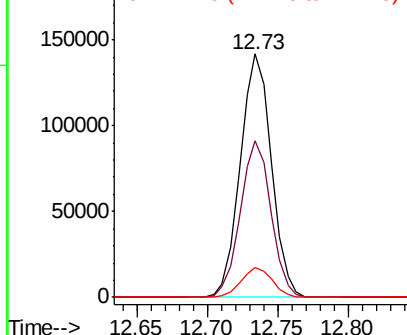
#41
Hexachlorocyclopentadiene
Concen: 90.201 ng
RT: 12.73 min Scan# 1642
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.9	82.9
272	12.2	0.0	30.9

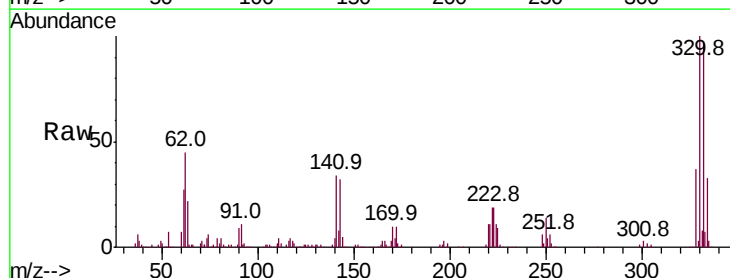


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

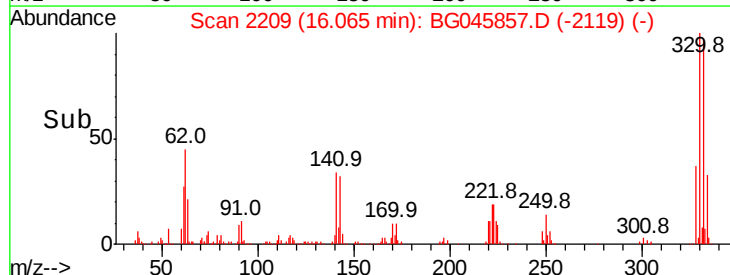
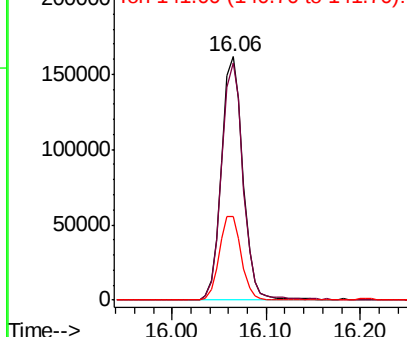


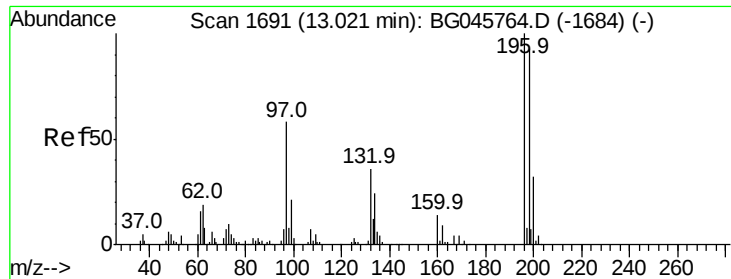
#42
2,4,6-Tribromophenol
Concen: 130.469 ng
RT: 16.06 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.6	117.8
141	34.8	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: 42.996 ng

RT: 13.01 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

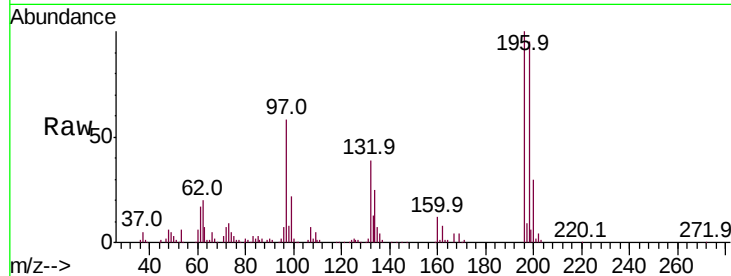
Tot Ion:196 Resp: 126353

Ion Ratio Lower Upper

196 100

198 94.6 74.4 111.6

200 30.1 25.4 38.2

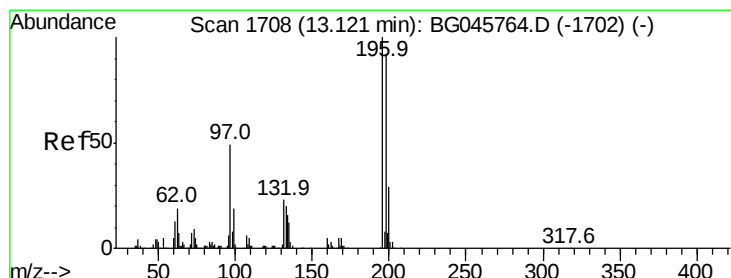
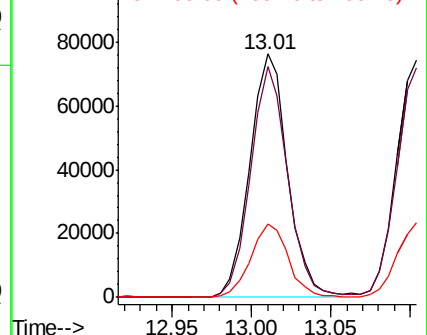
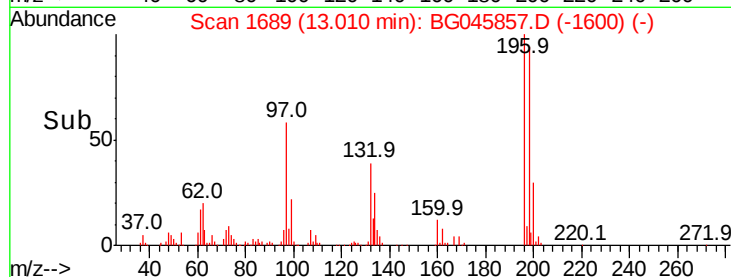


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.633 ng

RT: 13.10 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Tgt Ion:196 Resp: 132742

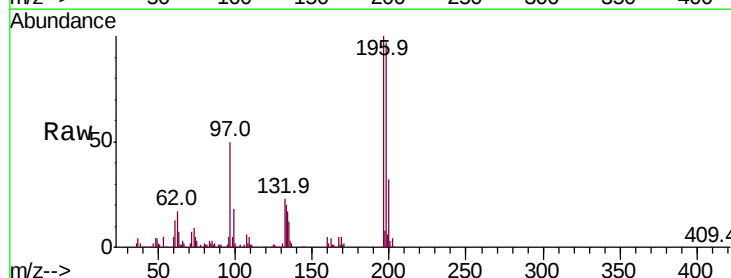
Ion Ratio Lower Upper

196 100

198 96.7 74.0 111.0

97 49.9 39.0 58.6

132 22.9 18.4 27.6



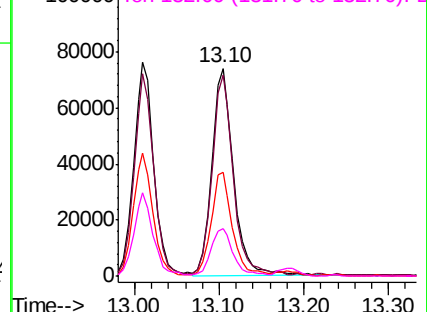
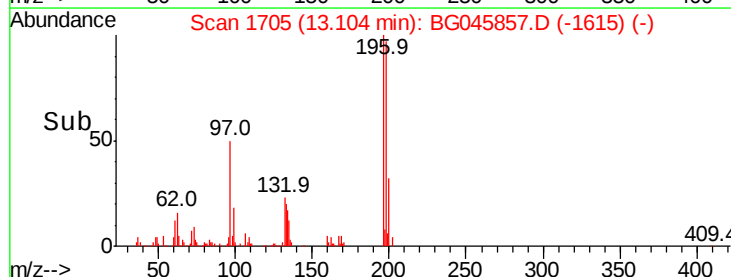
Abundance

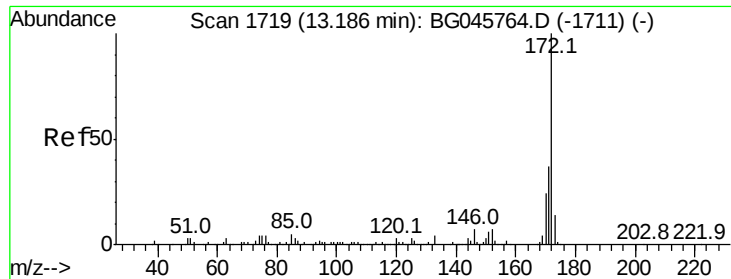
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

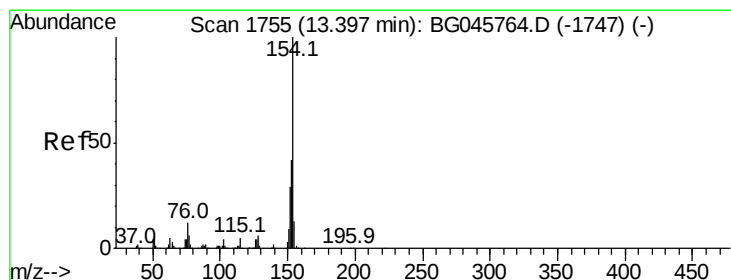
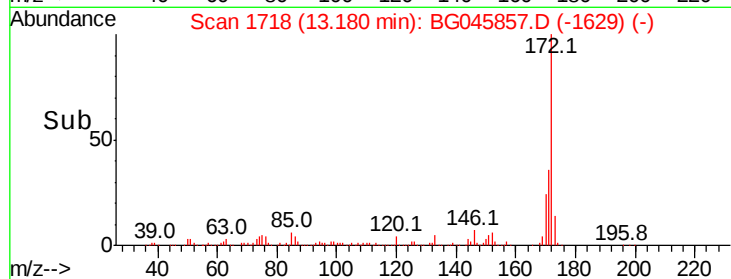
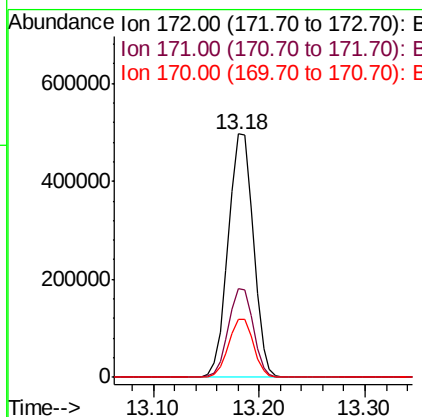
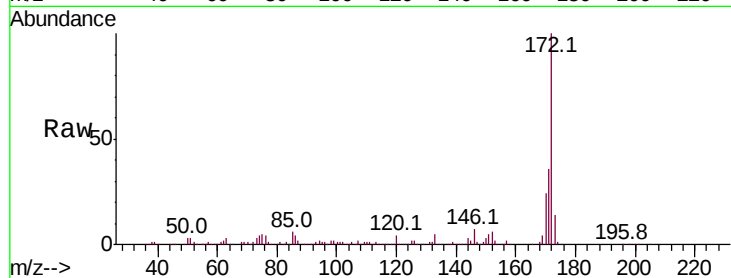




#45
 2-Fluorobiphenyl
 Concen: 91.188 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

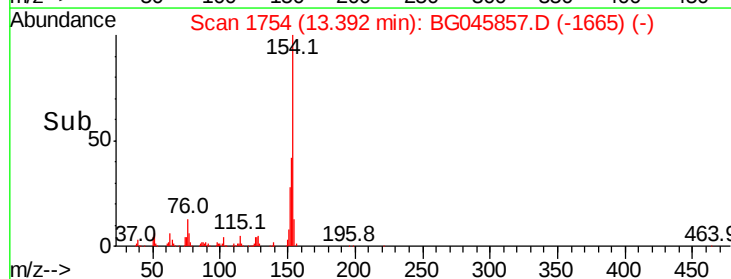
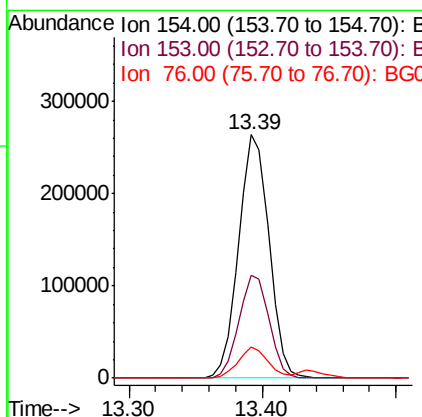
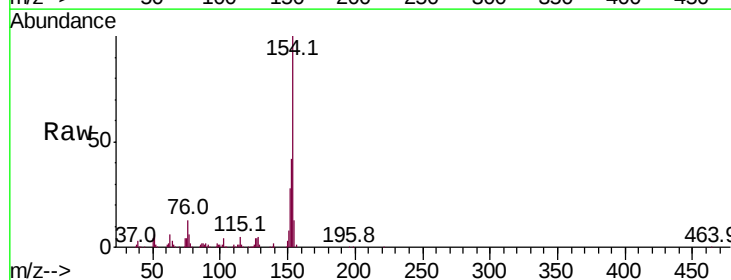
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BS

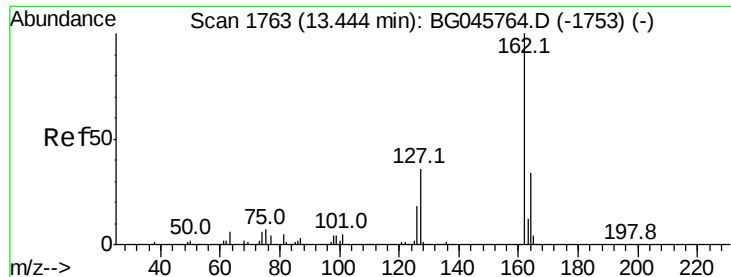
Tot Ion:	172	Resp:	816805
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.0	19.3	28.9



#46
 1,1'-Biphenyl
 Concen: 44.070 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

Tgt Ion:	154	Resp:	415325
Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.7	61.7
76	12.7	0.0	32.0

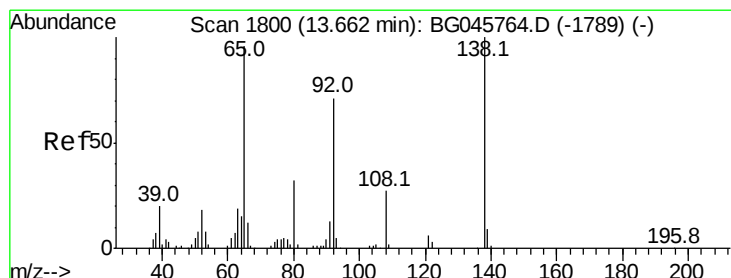
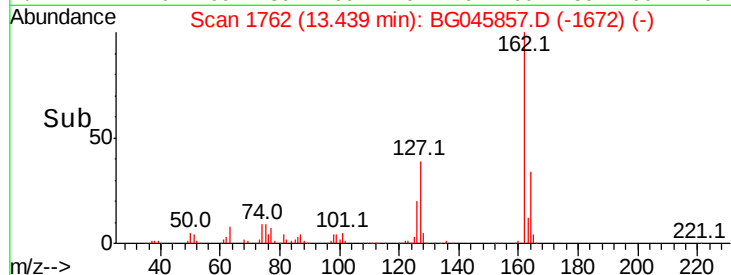
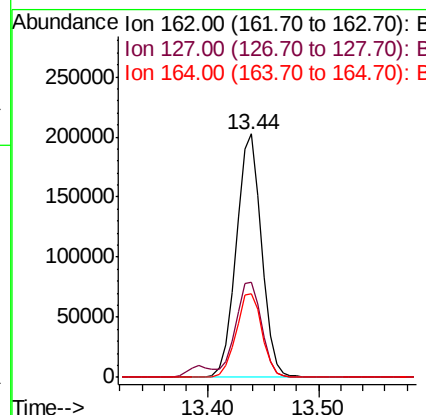
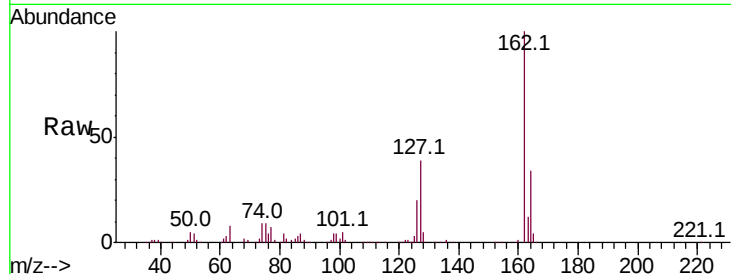




#47
2-Chloronaphthalene
Concen: 42.770 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

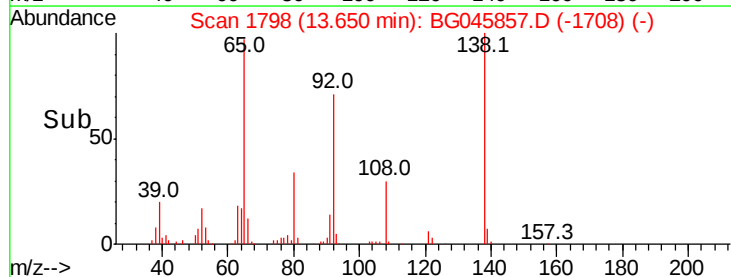
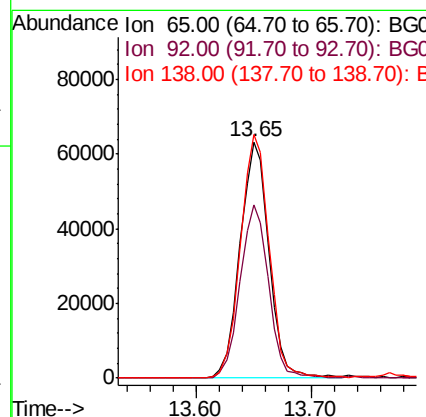
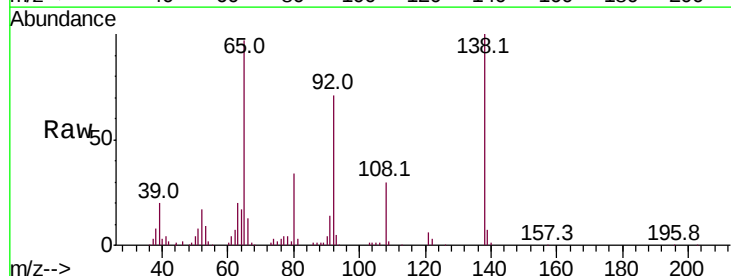
Instrument :
BNA_G
ClientSampleId :
PB129763BS

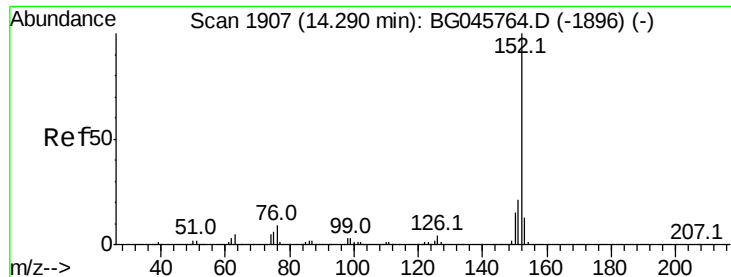
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.5	45.7
164	34.2	27.2	40.8



#48
2-Nitroaniline
Concen: 43.291 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	59.0	88.6
138	103.1	83.6	125.4





#49

Acenaphthylene

Concen: 43.668 ng

RT: 14.28 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

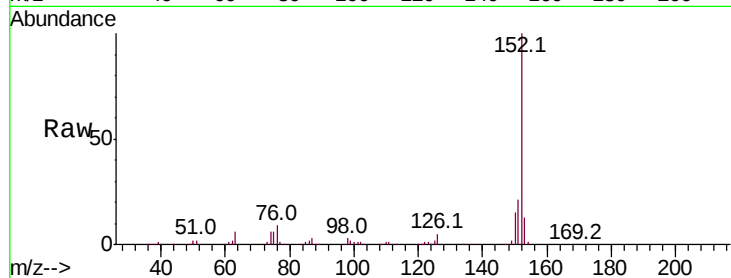
Tot Ion:152 Resp: 532476

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

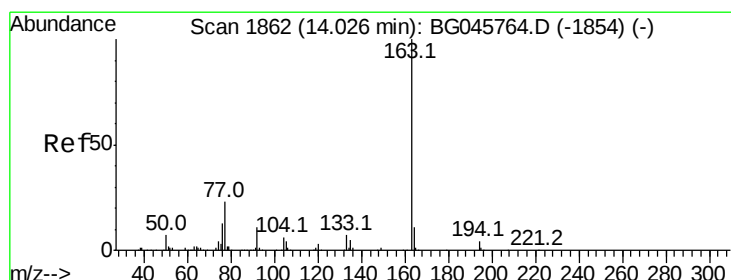
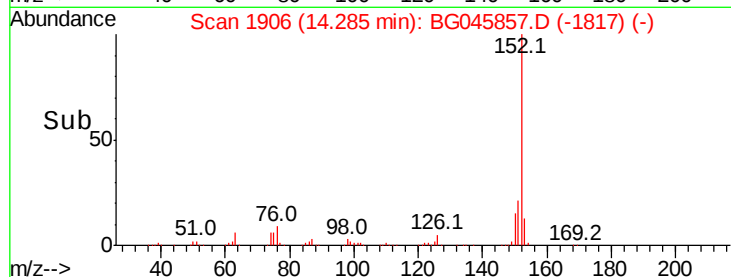
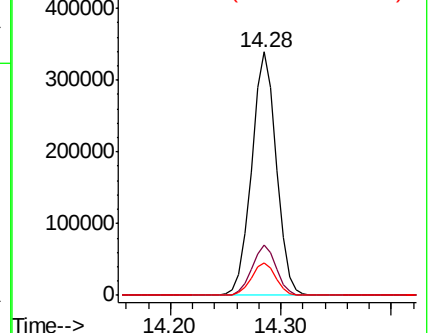
153 13.3 10.6 15.8



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: 43.018 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

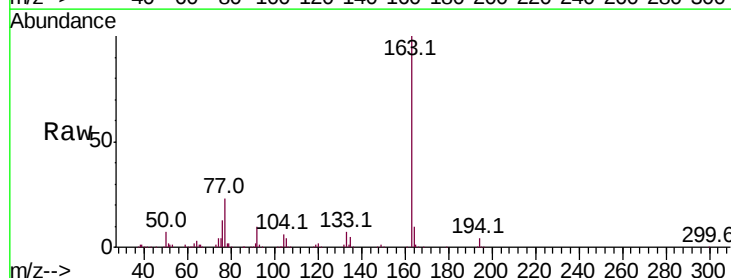
Tgt Ion:163 Resp: 443603

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

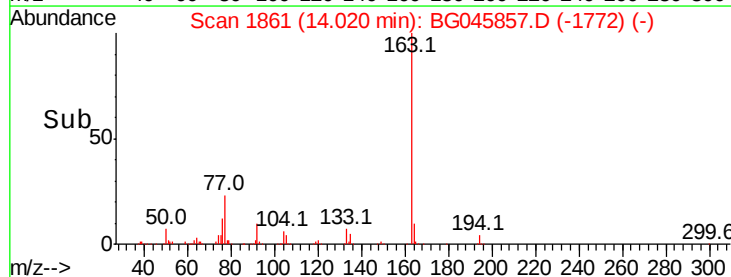
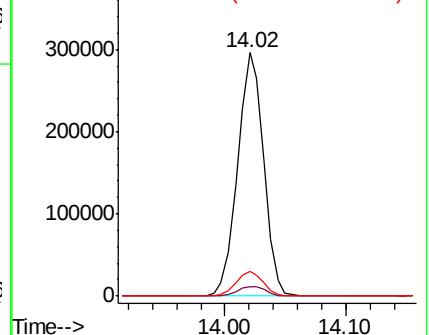
164 10.4 8.9 13.3

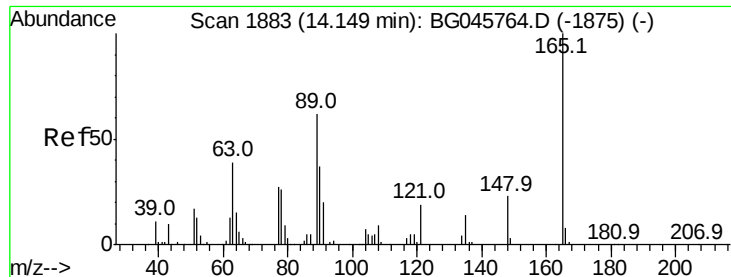


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

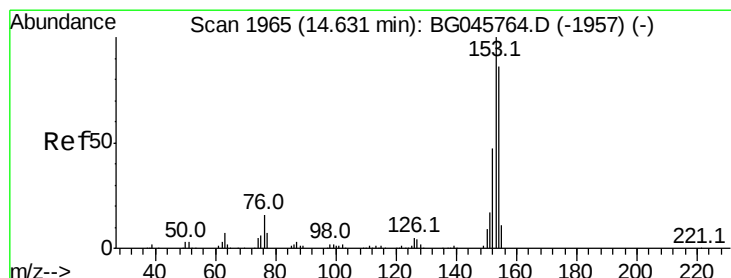
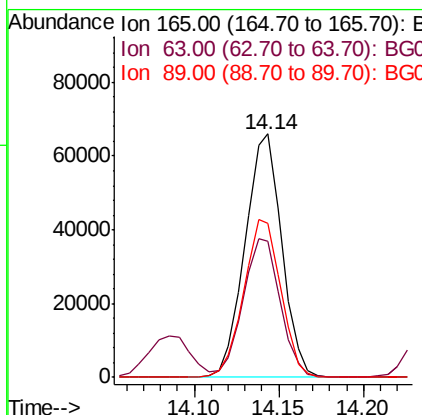
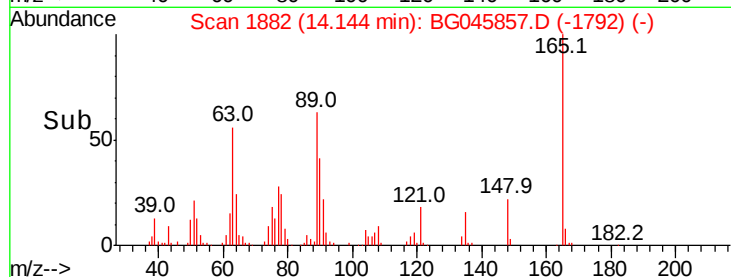
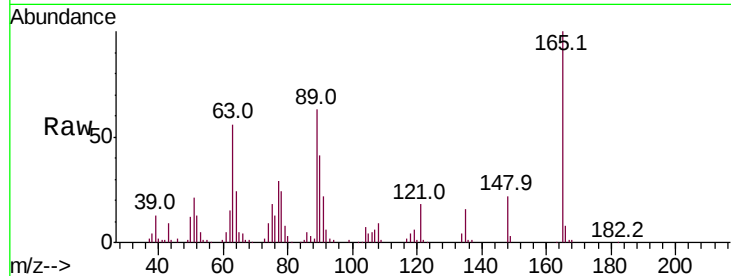




#51
2,6-Dinitrotoluene
Concen: 43.188 ng
RT: 14.14 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

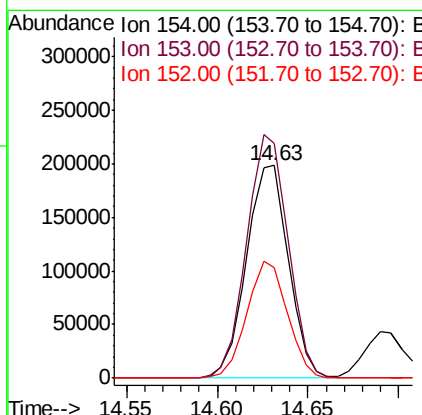
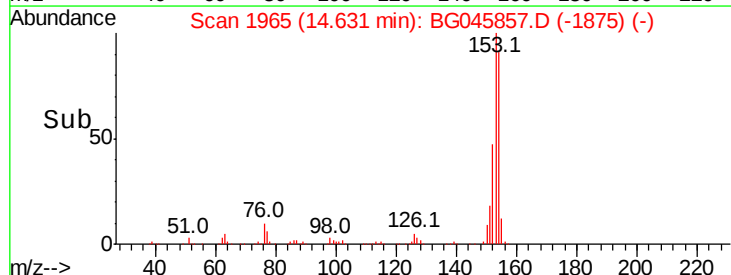
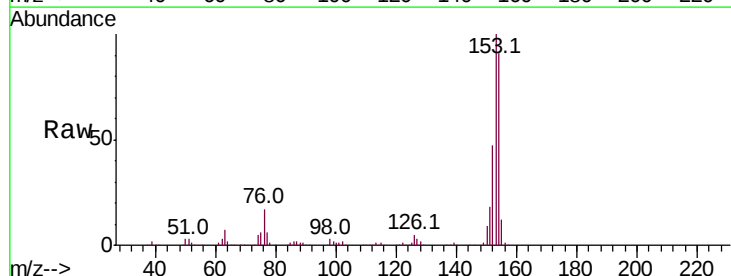
Instrument :
BNA_G
ClientSampleId :
PB129763BS

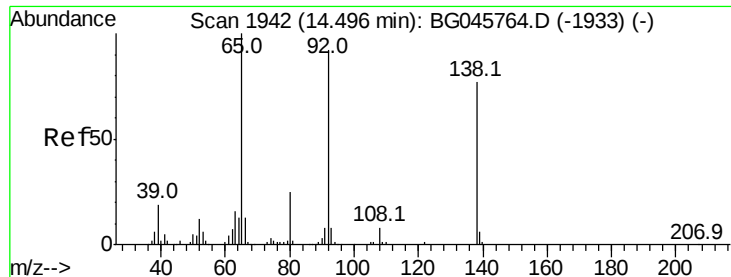
Tot Ion:165 Resp: 100029
Ion Ratio Lower Upper
165 100
63 56.1 41.2 61.8
89 63.2 49.7 74.5



#52
Acenaphthene
Concen: 43.131 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:154 Resp: 318791
Ion Ratio Lower Upper
154 100
153 110.4 93.0 139.4
152 52.1 43.7 65.5

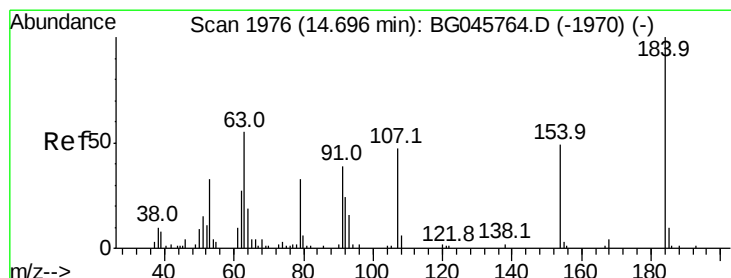
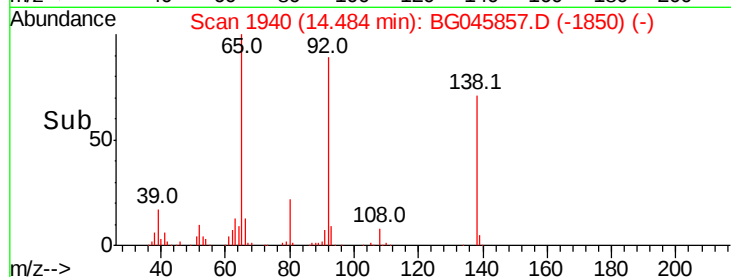
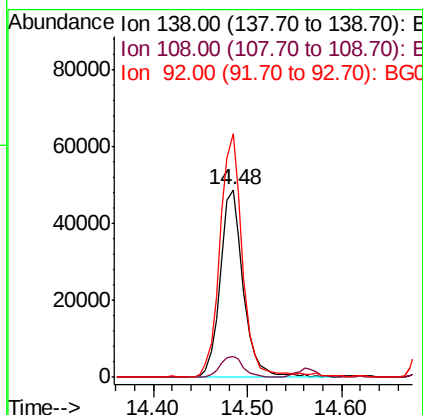
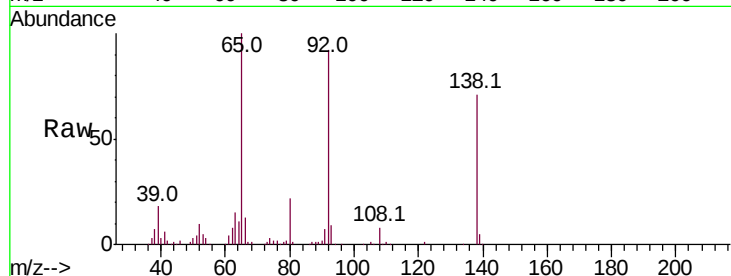




#53
3-Nitroaniline
Concen: 36.193 ng
RT: 14.48 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

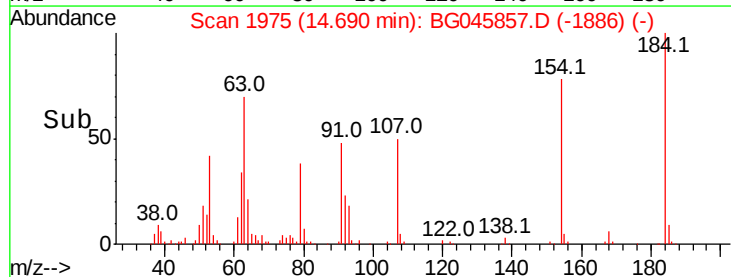
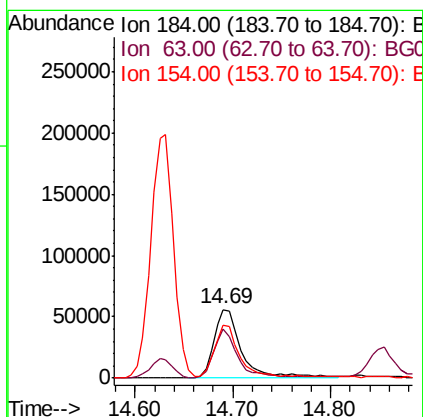
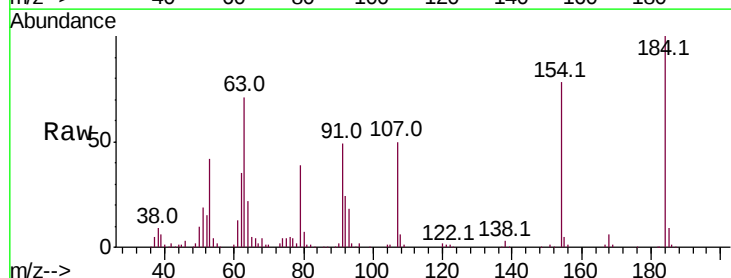
Instrument :
BNA_G
ClientSampleId :
PB129763BS

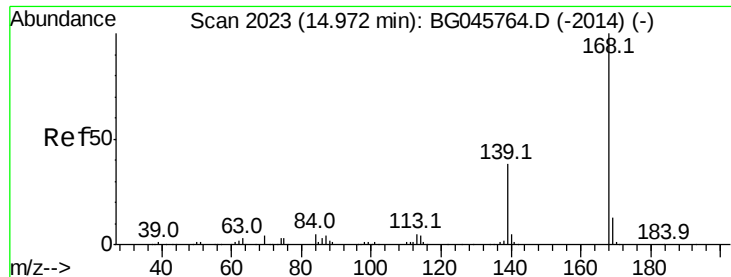
Tot Ion:138 Resp: 83732
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 129.7 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 84.911 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:184 Resp: 110271
Ion Ratio Lower Upper
184 100
63 71.5 46.6 70.0#
154 77.6 58.6 87.8

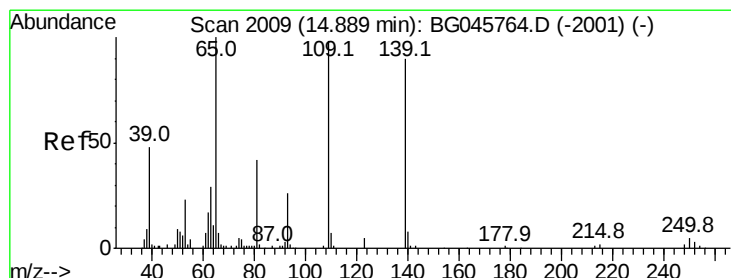
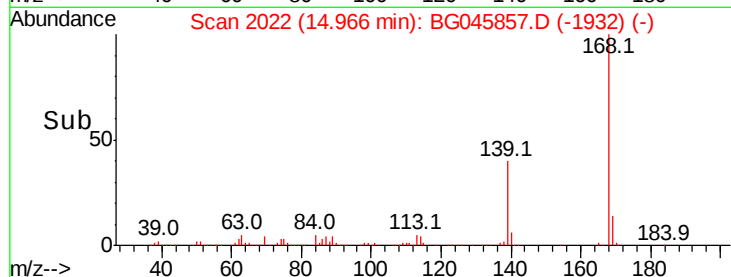
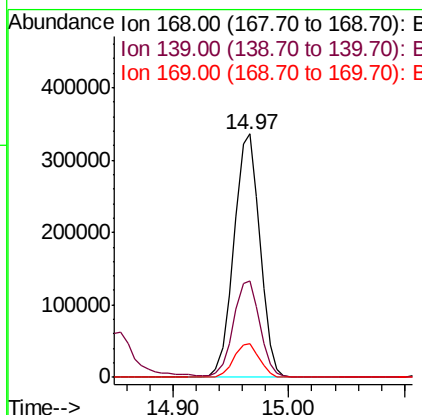
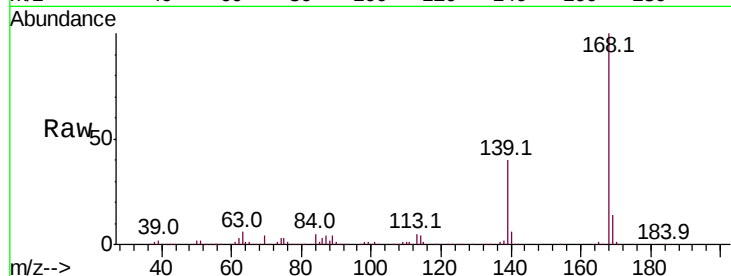




#55
Dibenzenofuran
Concen: 43.624 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

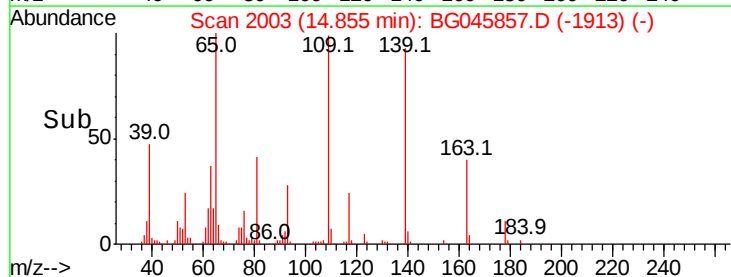
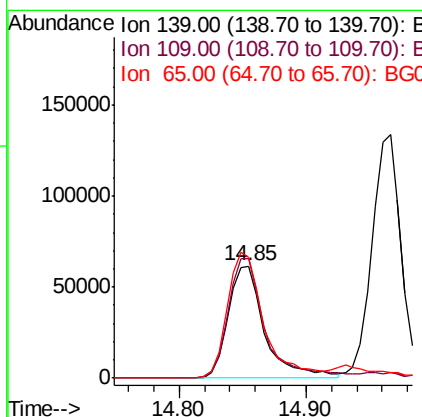
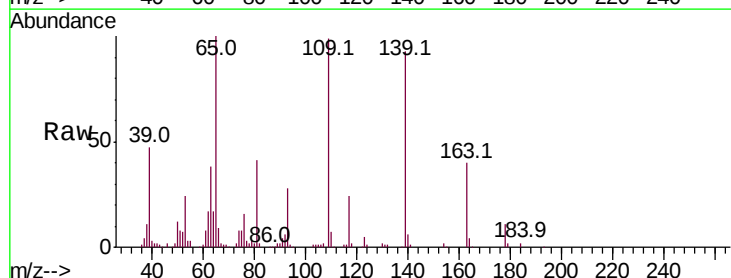
Instrument :
BNA_G
ClientSampleId :
PB129763BS

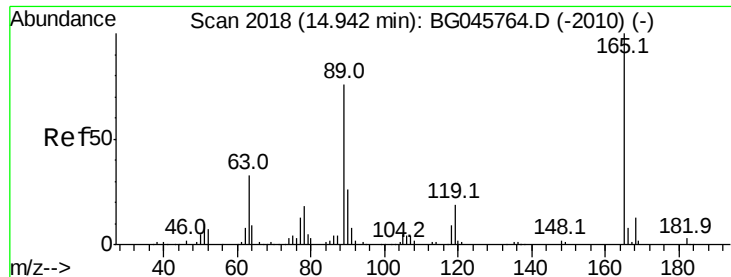
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.9	10.4	15.6



#56
4-Nitrophenol
Concen: 74.296 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.5	88.9	128.9
65	107.8	92.3	132.3

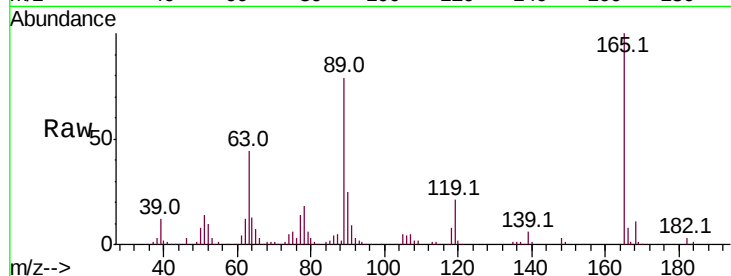




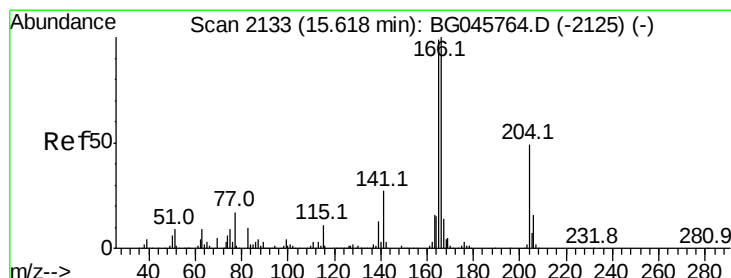
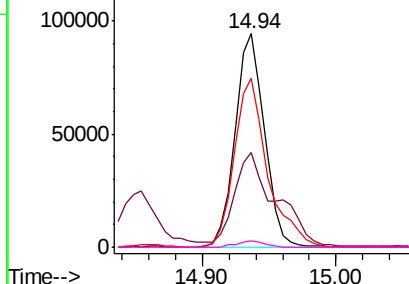
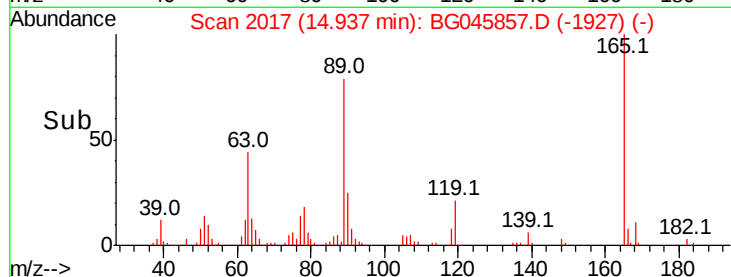
#57
2,4-Dinitrotoluene
Concen: 43.251 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:	165	Resp:	143528
Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.8	50.8
89	79.2	60.4	90.6
182	3.0	2.6	3.8

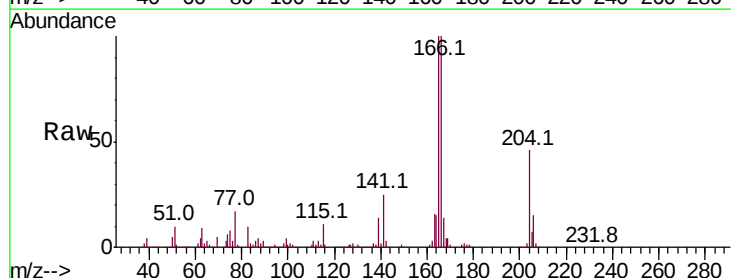


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

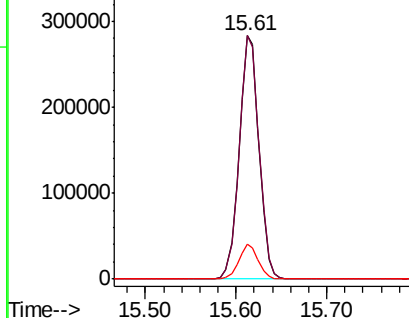
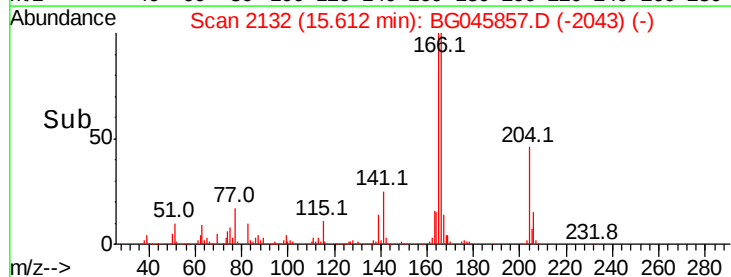


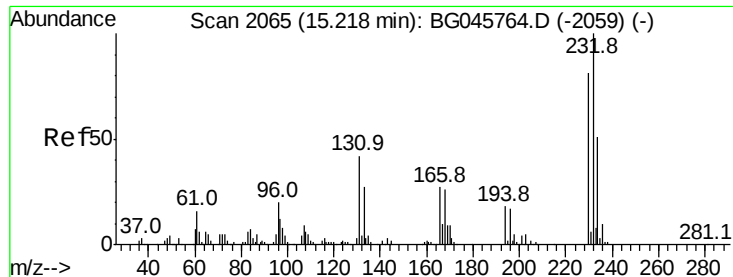
#58
Fluorene
Concen: 43.160 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:	166	Resp:	430914
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.1	118.7
167	14.4	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

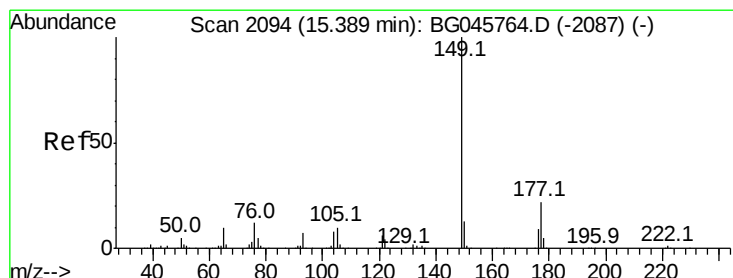
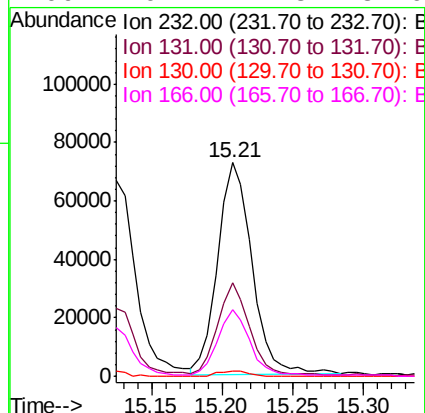
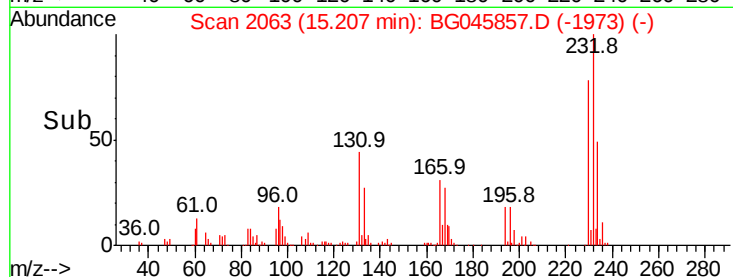
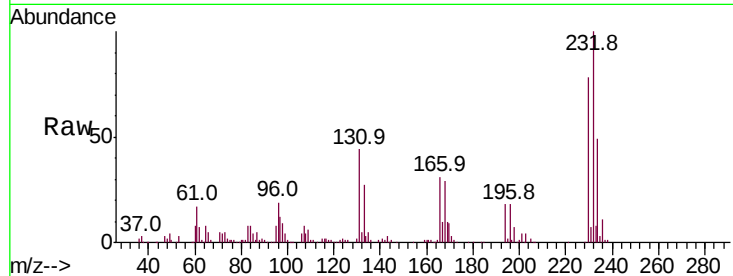




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.991 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

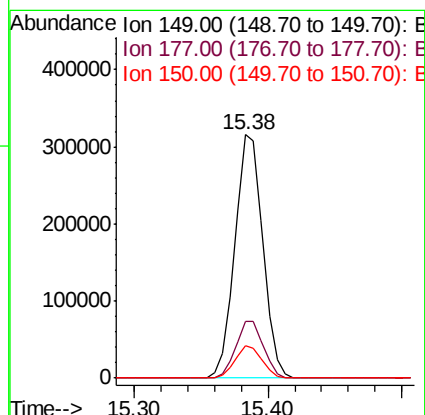
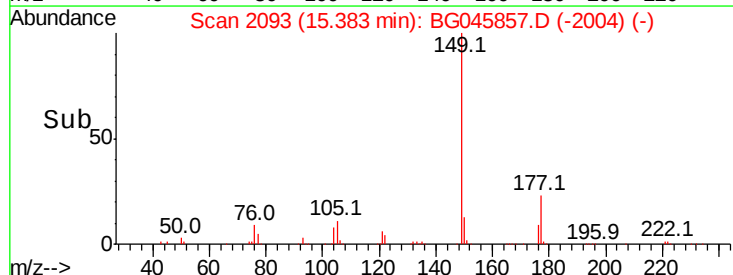
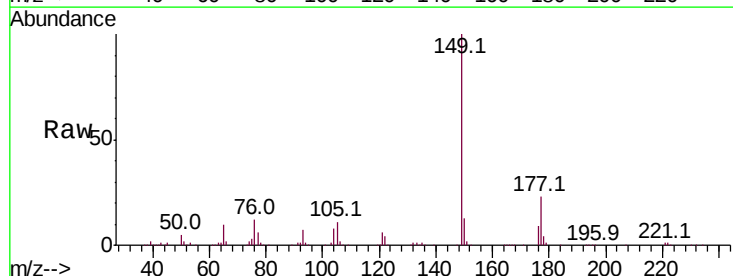
Instrument :
BNA_G
ClientSampleId :
PB129763BS

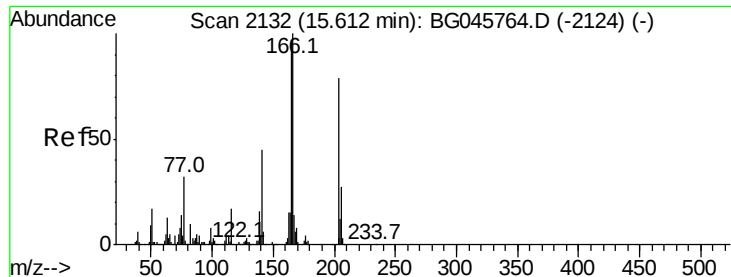
Tot Ion:	232	Resp:	122066
Ion	Ratio	Lower	Upper
232	100		
131	41.5	32.2	48.2
130	2.3	2.2	3.4
166	29.2	21.3	31.9



#60
Diethylphthalate
Concen: 43.639 ng
RT: 15.38 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:	149	Resp:	460038
Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.2	25.8
150	13.4	10.7	16.1

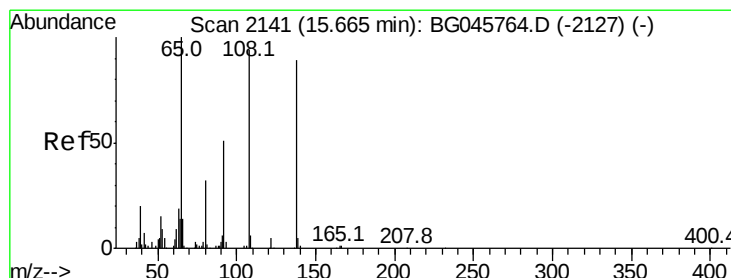
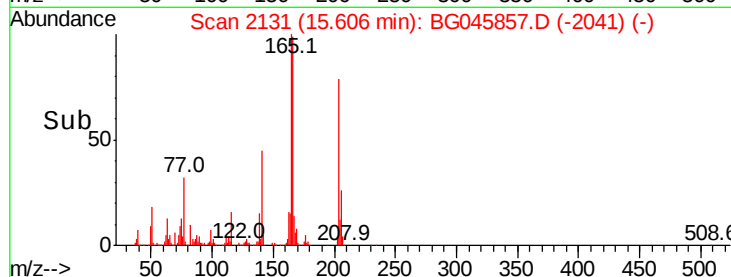
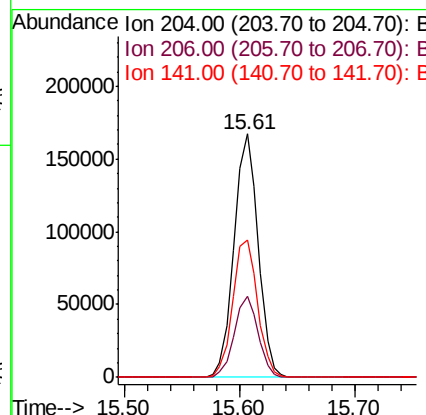
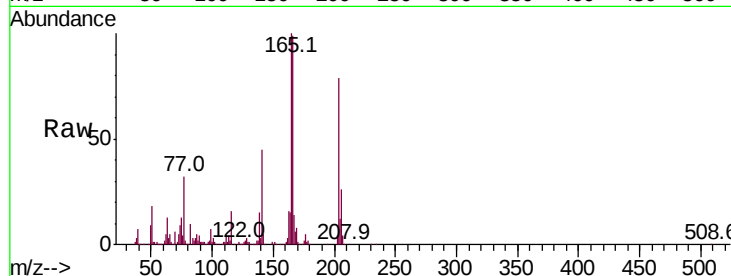




#61
4-Chlorophenyl-phenylether
Concen: 41.907 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

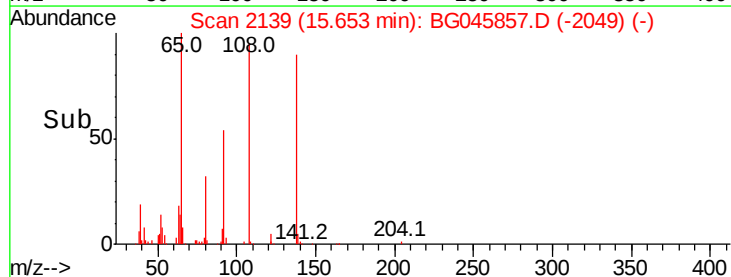
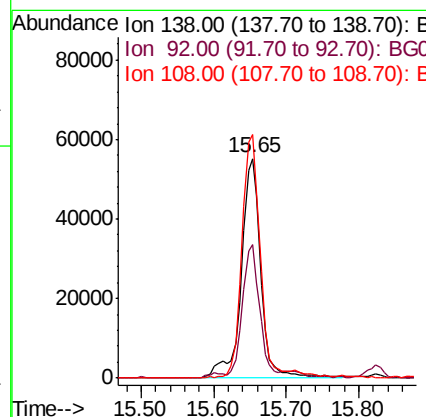
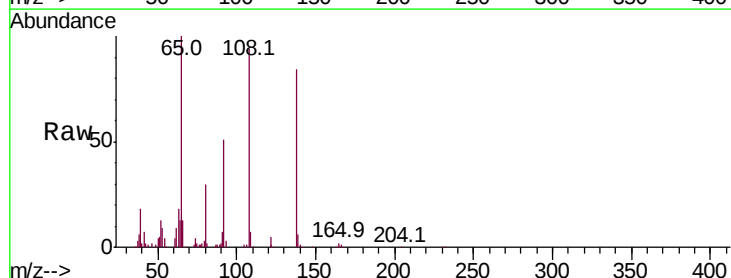
Instrument :
BNA_G
ClientSampleId :
PB129763BS

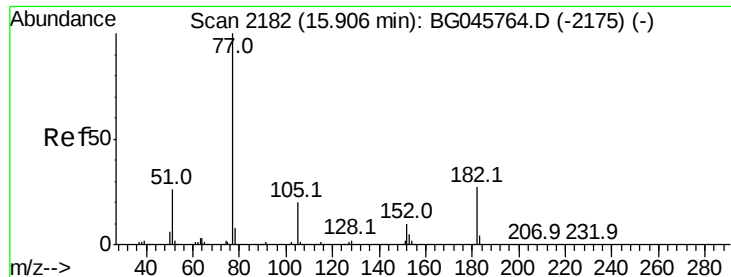
Tot Ion:204 Resp: 241155
Ion Ratio Lower Upper
204 100
206 33.2 27.2 40.8
141 56.5 45.9 68.9



#62
4-Nitroaniline
Concen: 43.739 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:138 Resp: 103850
Ion Ratio Lower Upper
138 100
92 60.9 37.3 77.3
108 110.8 85.0 125.0





#63

Azobenzene

Concen: 44.204 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

Tot Ion: 77 Resp: 447435

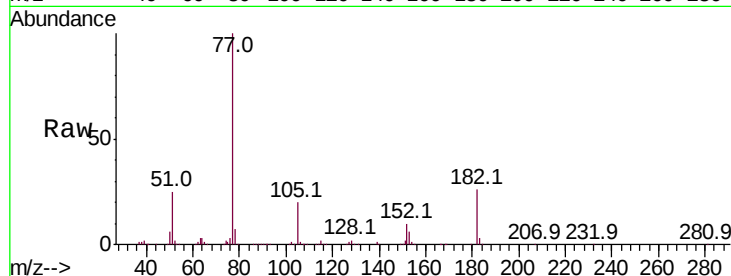
Ion Ratio Lower Upper

77 100

182 26.3 7.4 47.4

105 20.1 0.1 40.1

51 24.8 5.7 45.7

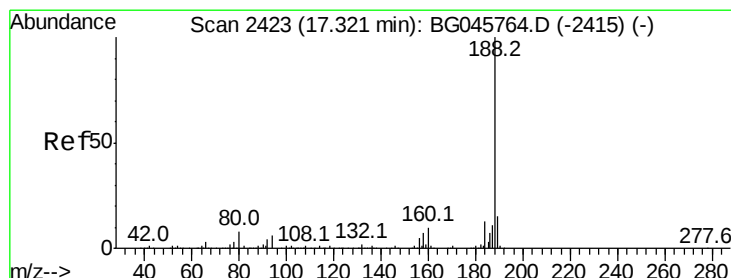
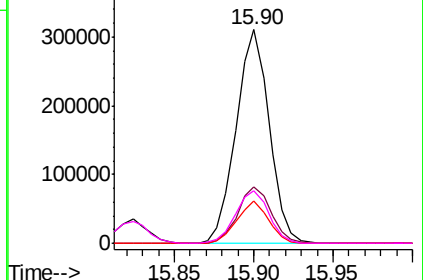
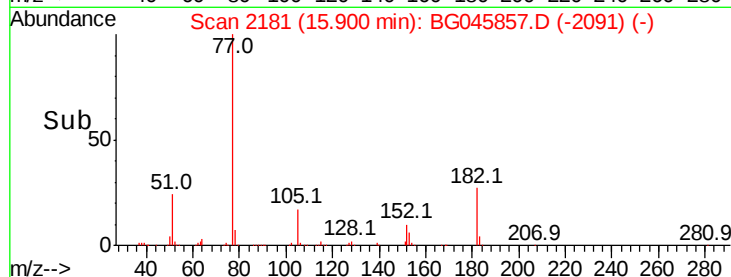


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2422

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

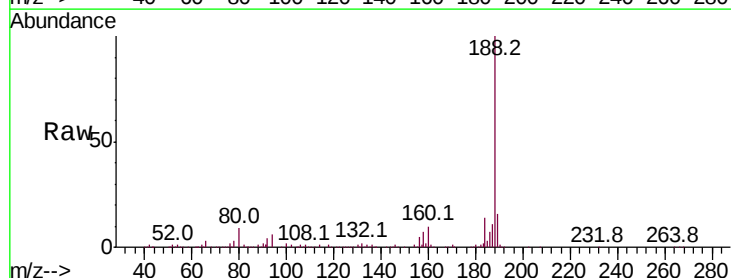
Tgt Ion: 188 Resp: 310419

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

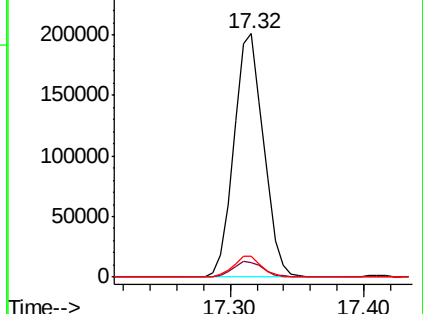
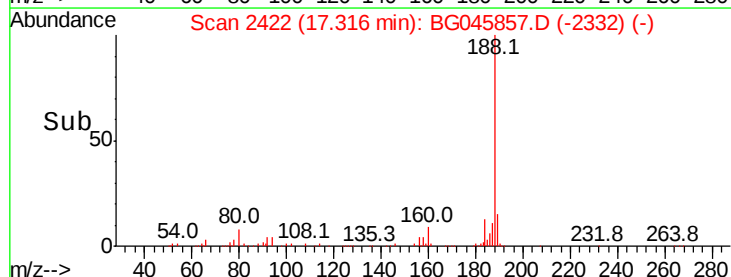
80 8.8 6.2 9.4

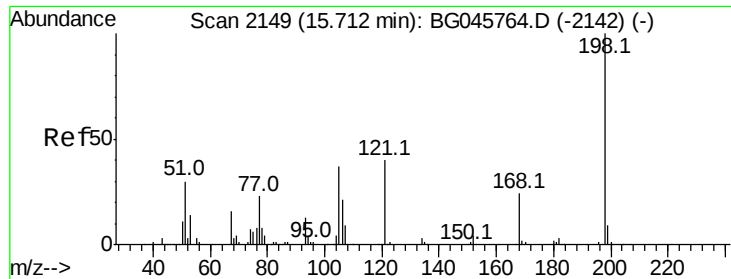


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

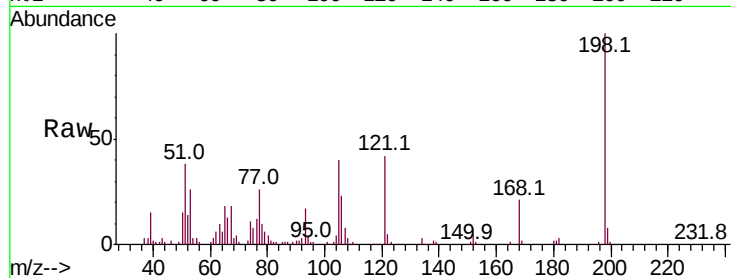




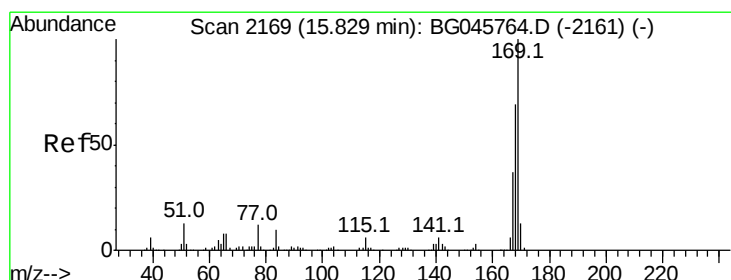
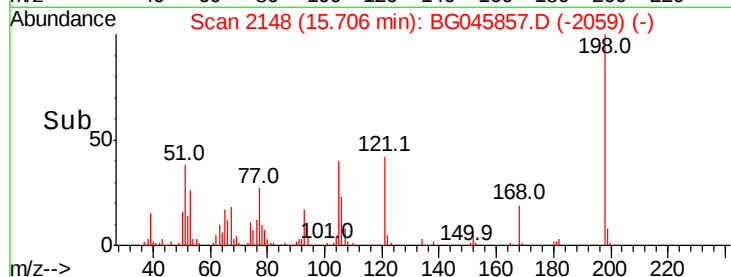
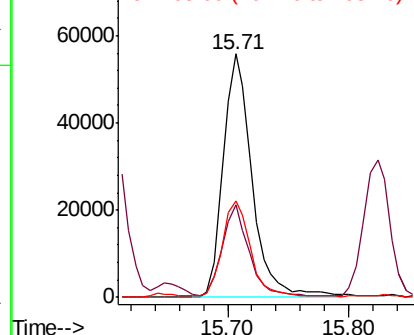
#65
4,6-Dinitro-2-methylphenol
Concen: 47.915 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:198 Resp: 91920
Ion Ratio Lower Upper
198 100
51 38.1 14.6 54.6
105 39.6 18.4 58.4

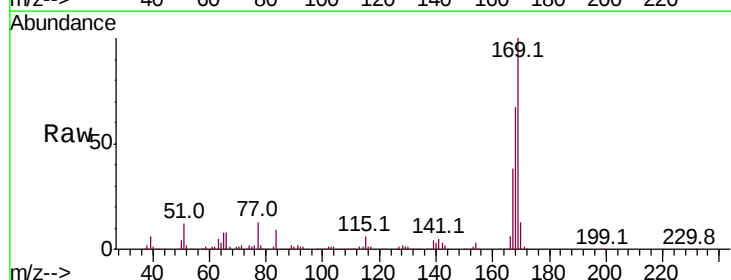


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

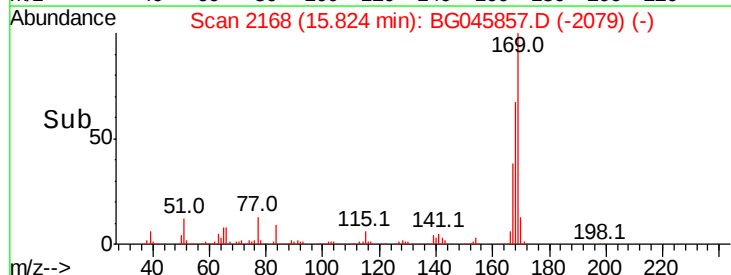
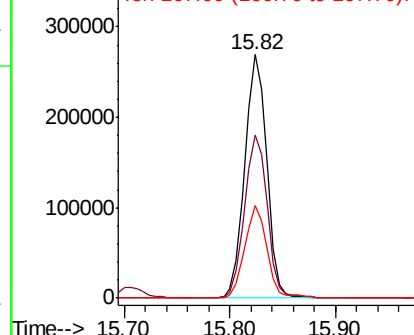


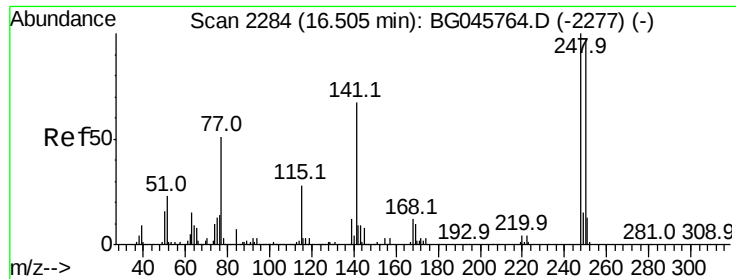
#66
n-Nitrosodiphenylamine
Concen: 43.942 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:169 Resp: 386352
Ion Ratio Lower Upper
169 100
168 67.1 55.2 82.8
167 37.9 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

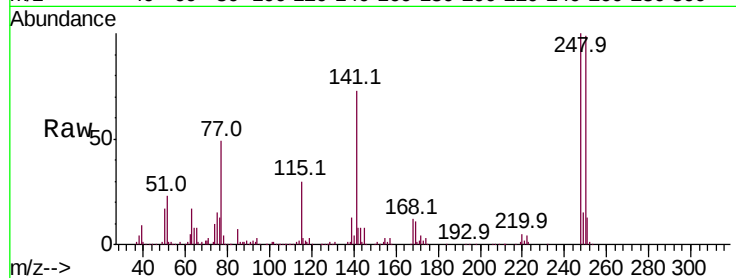




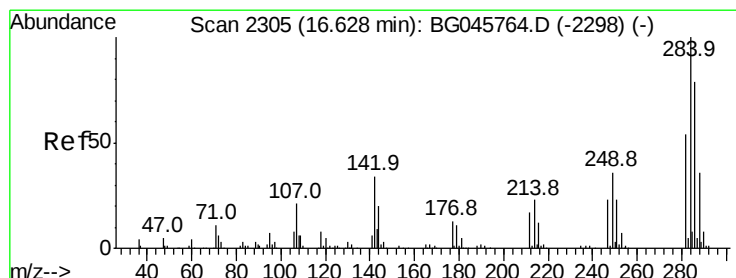
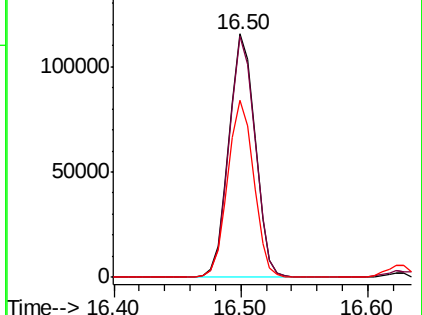
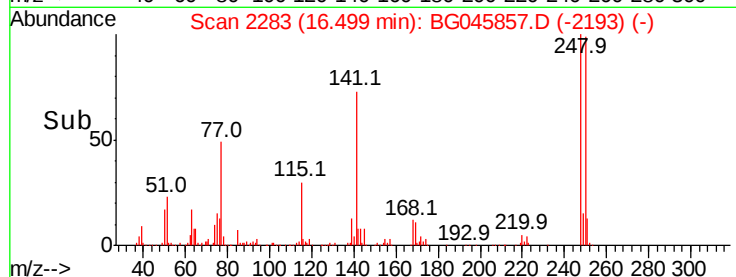
#67
4-Bromophenyl-phenylether
Concen: 41.143 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:248 Resp: 165948
Ion Ratio Lower Upper
248 100
250 99.1 78.0 117.0
141 72.6 53.9 80.9

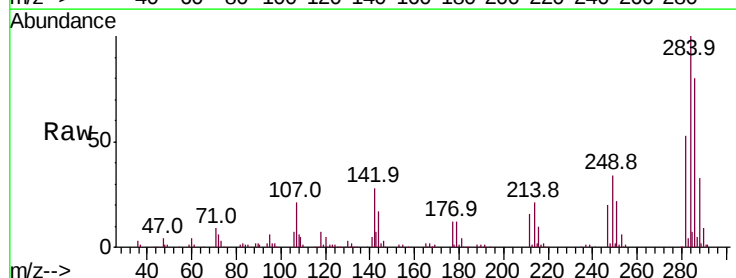


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

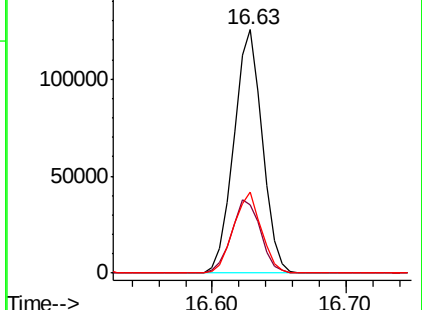
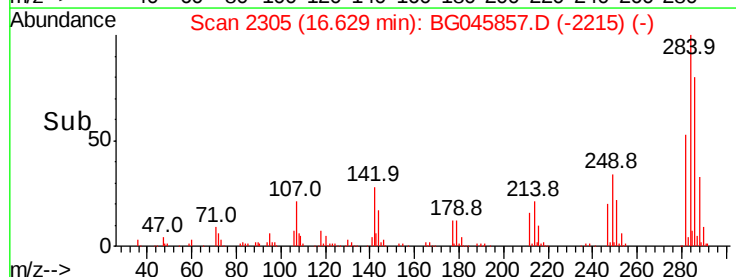


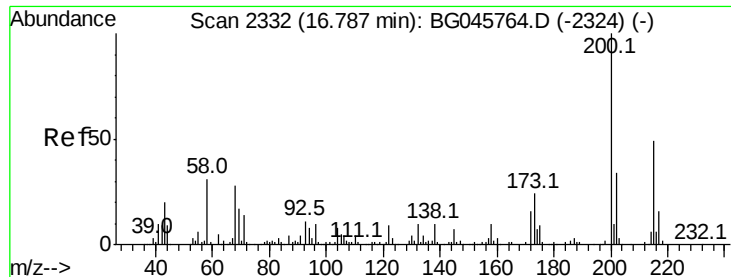
#68
Hexachlorobenzene
Concen: 44.252 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:284 Resp: 185087
Ion Ratio Lower Upper
284 100
142 28.0 26.9 40.3
249 33.5 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

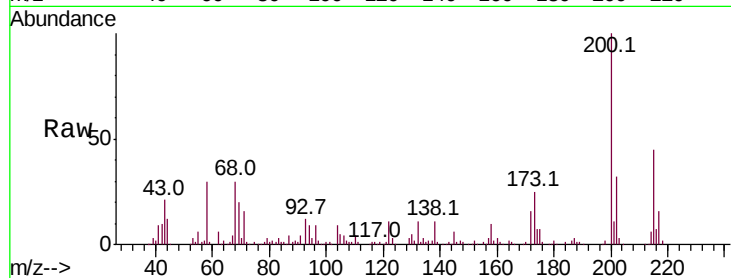




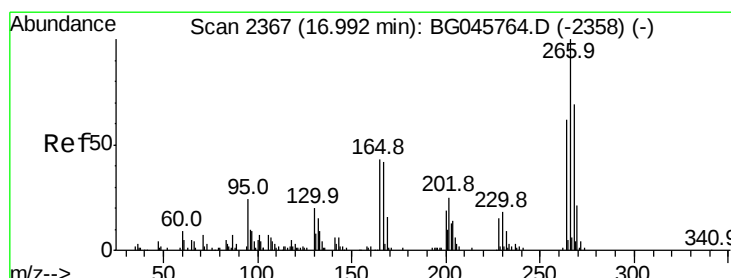
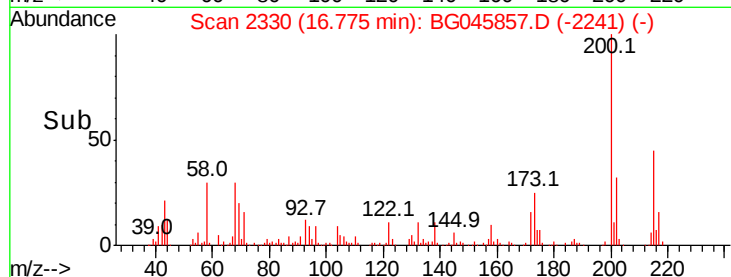
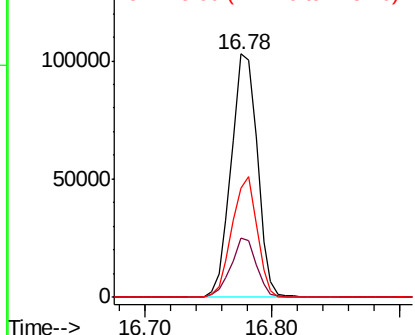
#69
Atrazine
Concen: 43.014 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampled :
PB129763BS

Tot Ion:200 Resp: 146753
Ion Ratio Lower Upper
200 100
173 24.5 3.9 43.9
215 45.0 28.8 68.8

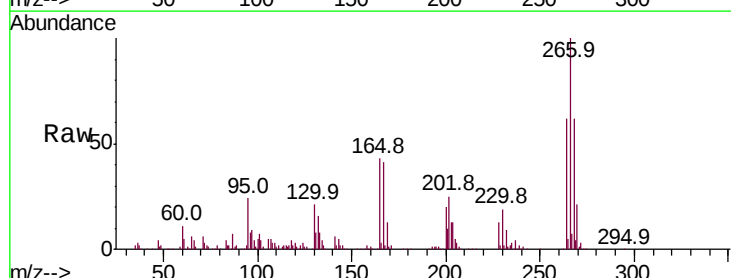


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

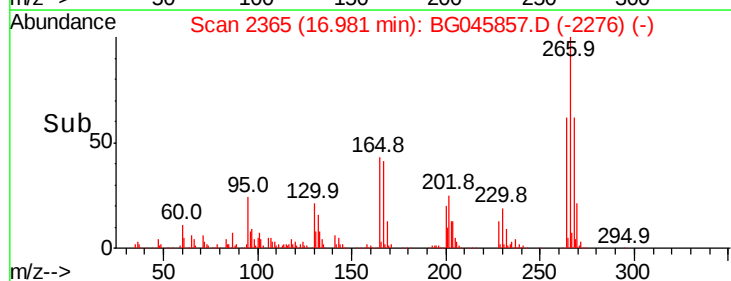
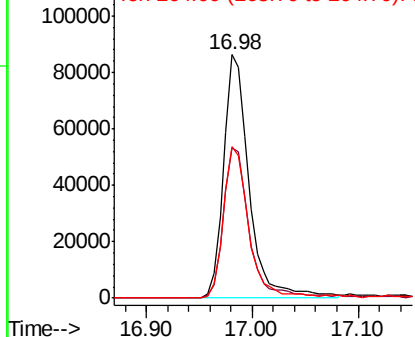


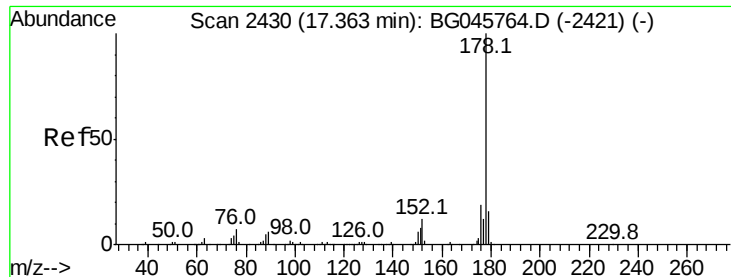
#70
Pentachlorophenol
Concen: 71.173 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:266 Resp: 144889
Ion Ratio Lower Upper
266 100
268 61.7 55.4 83.0
264 62.3 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

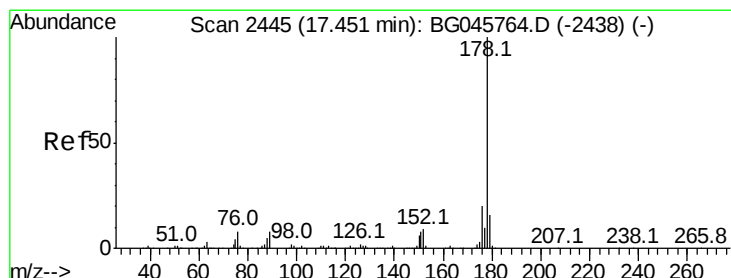
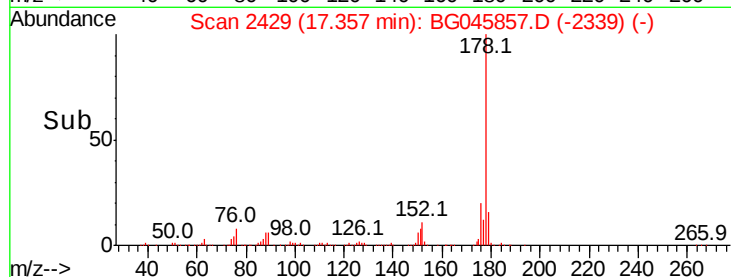
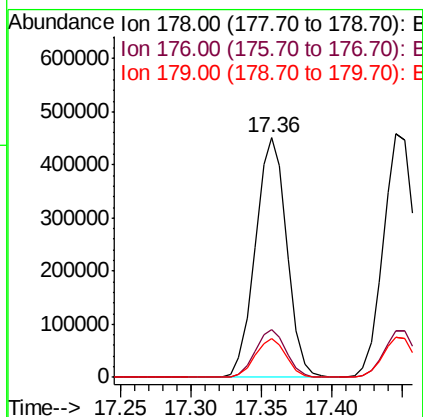
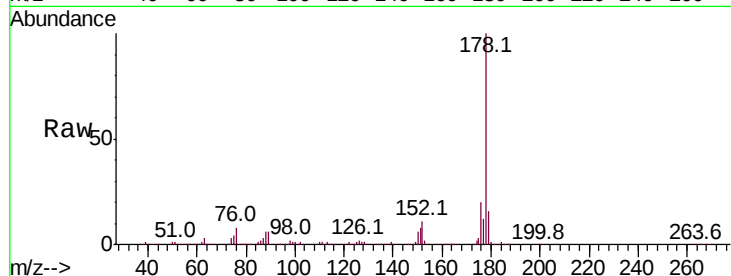




#71
Phenanthrene
Concen: 44.011 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

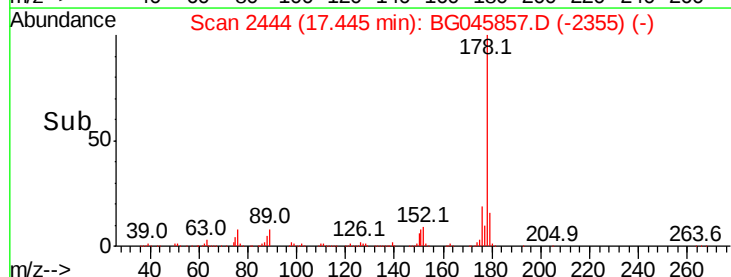
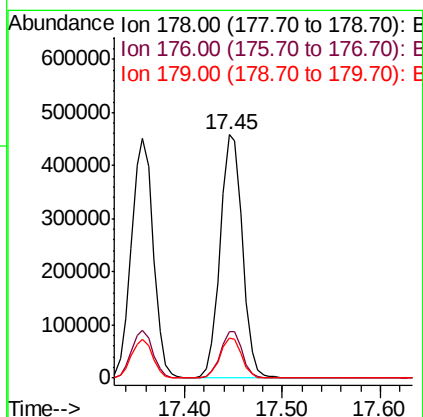
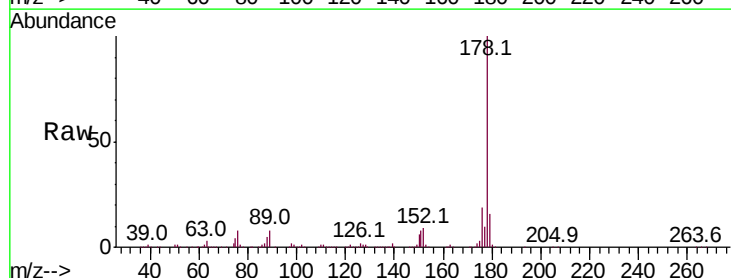
Instrument :
BNA_G
ClientSampleId :
PB129763BS

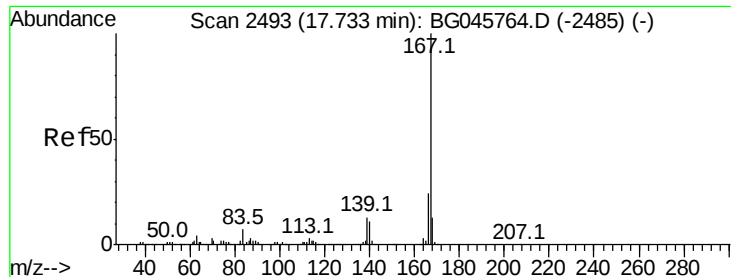
Tot Ion:178 Resp: 704604
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.2 13.2 19.8



#72
Anthracene
Concen: 45.278 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:178 Resp: 721838
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.4 13.1 19.7

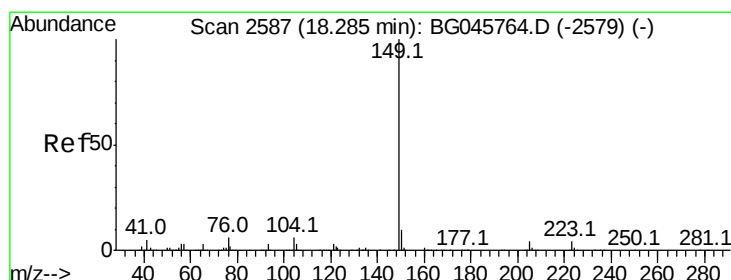
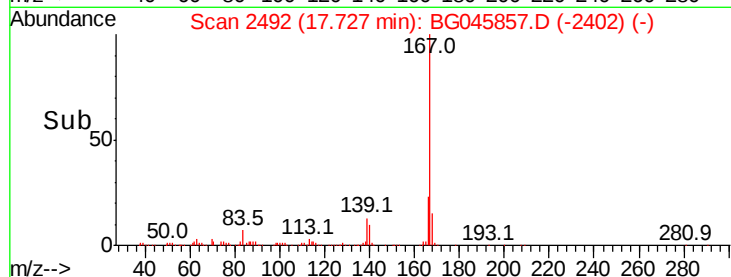
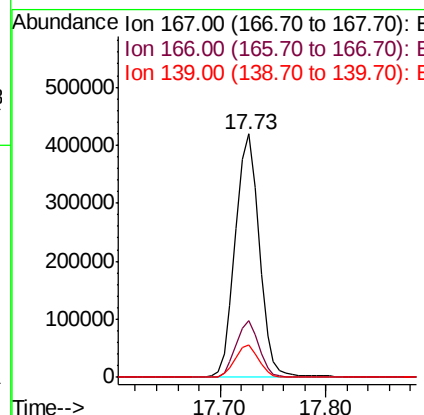
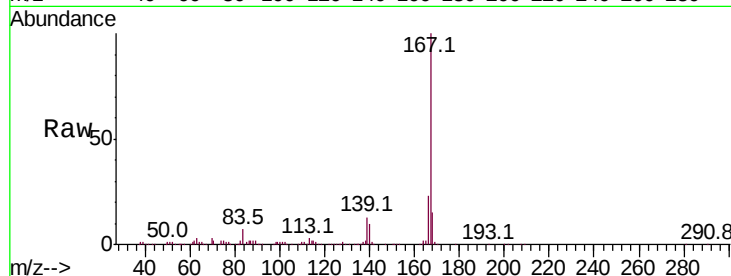




#73
 Carbazole
 Concen: 43.541 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

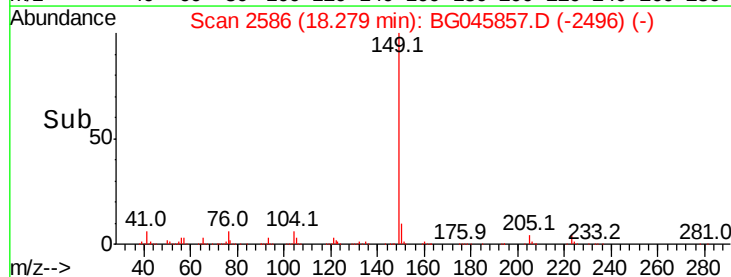
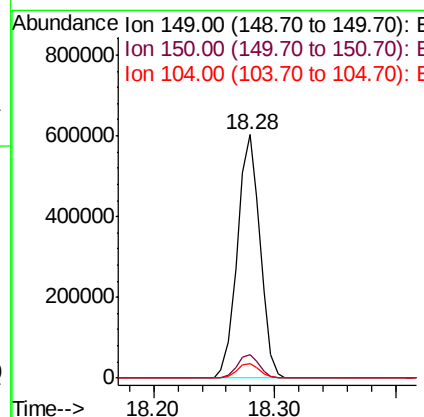
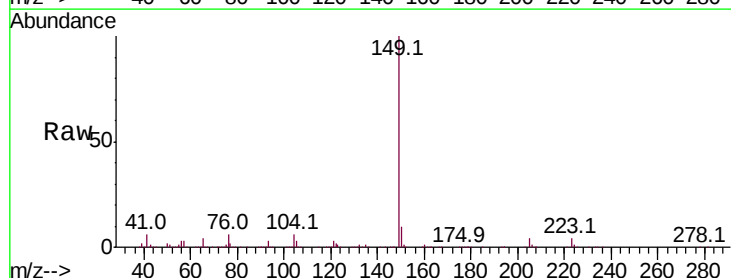
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BS

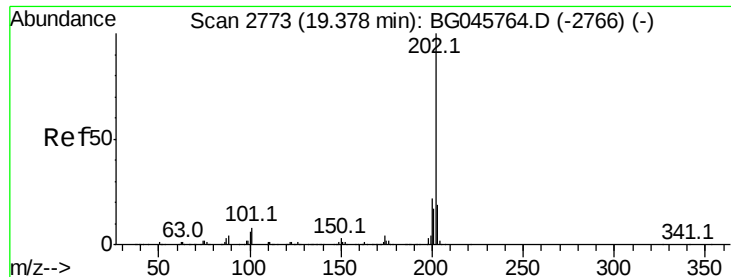
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	13.3	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 43.850 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG045857.D
 Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.0	5.1	7.7





#75

Fluoranthene

Concen: 45.039 ng

RT: 19.37 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

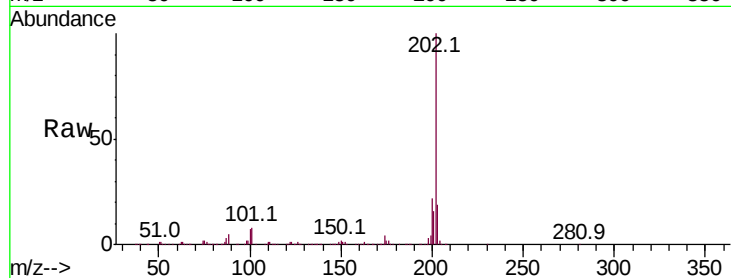
Tot Ion:202 Resp: 886663

Ion Ratio Lower Upper

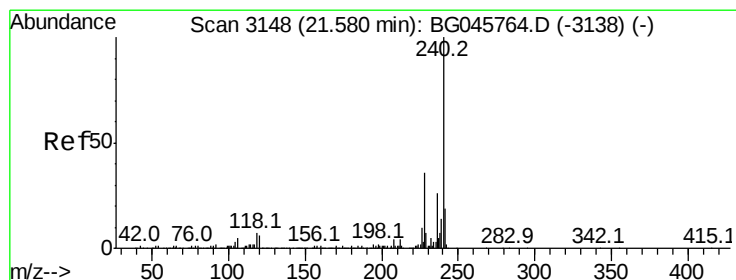
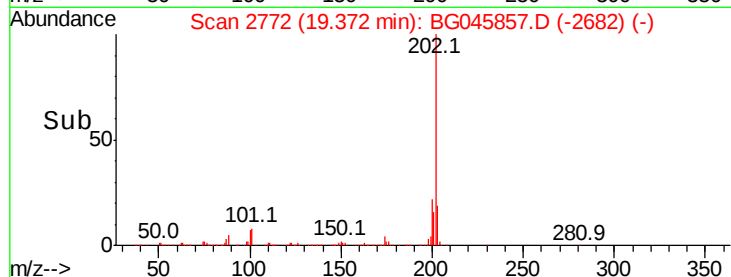
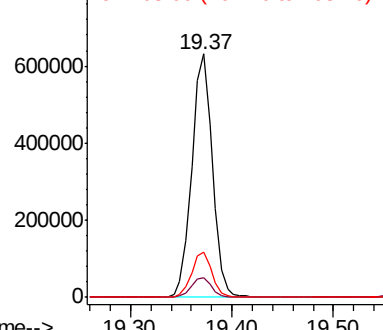
202 100

101 8.2 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: 21.57 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

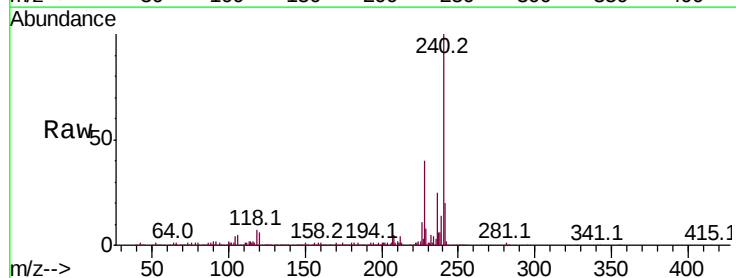
Tgt Ion:240 Resp: 302621

Ion Ratio Lower Upper

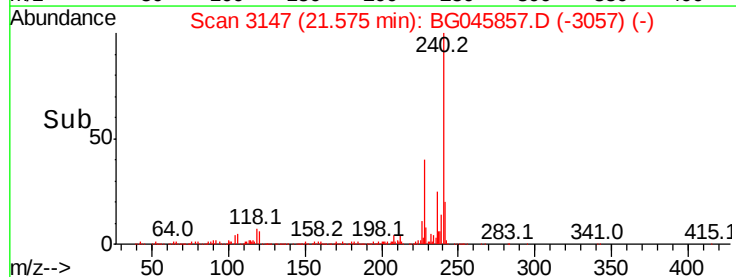
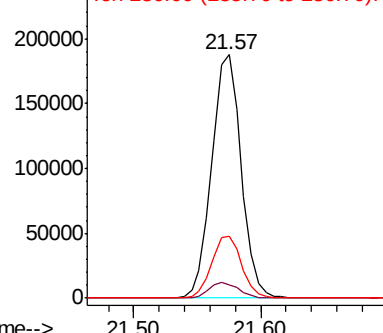
240 100

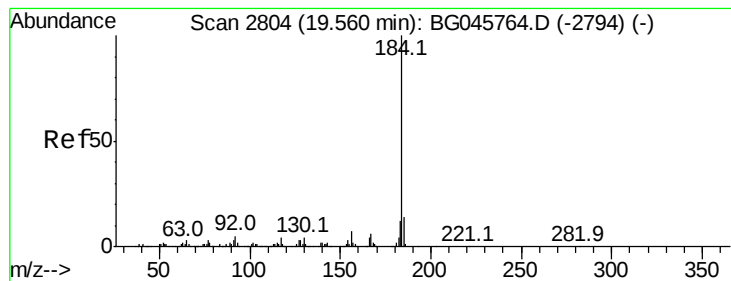
120 5.7 5.0 7.4

236 25.4 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: 67.947 ng

RT: 19.55 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

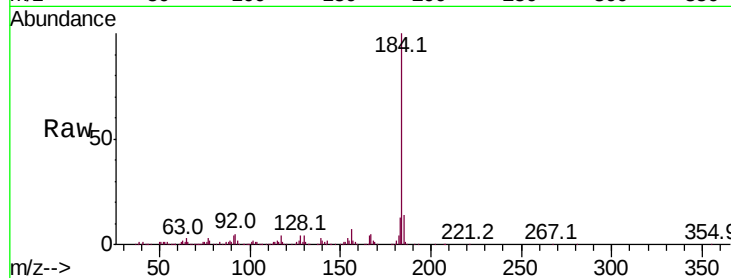
Tot Ion:184 Resp: 534555

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

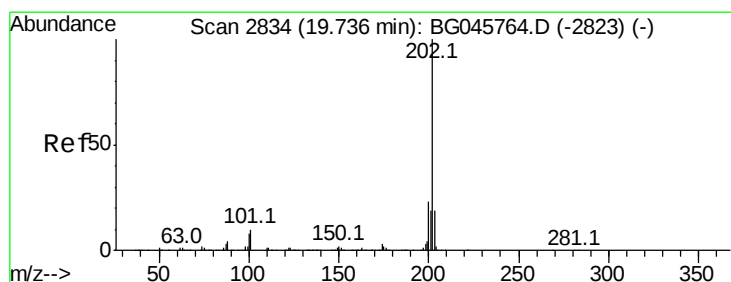
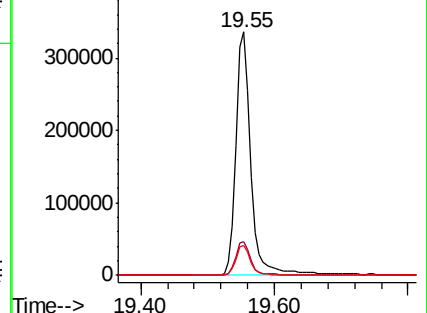
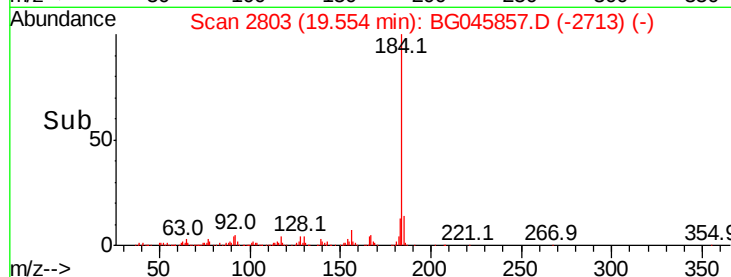
183 12.5 9.7 14.5



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: 43.182 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

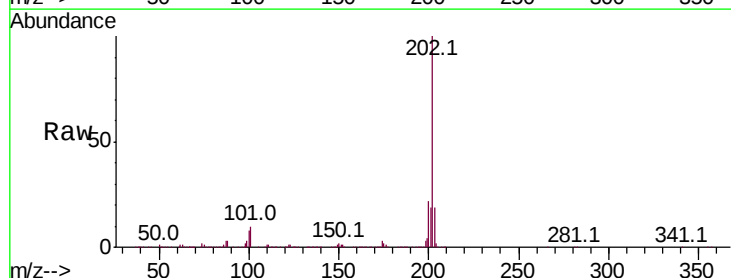
Tgt Ion:202 Resp: 875072

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

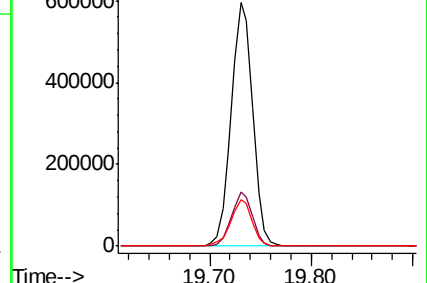
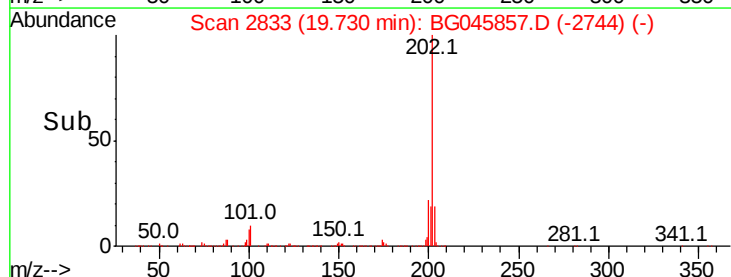
203 19.1 14.8 22.2

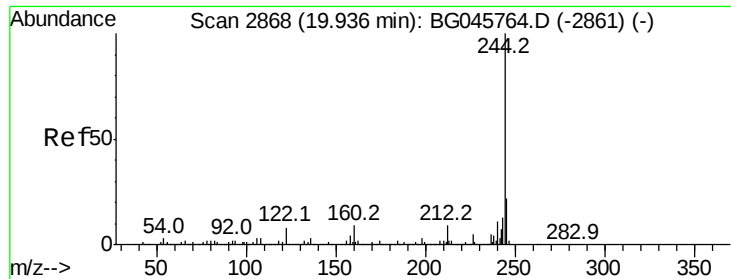


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.006 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

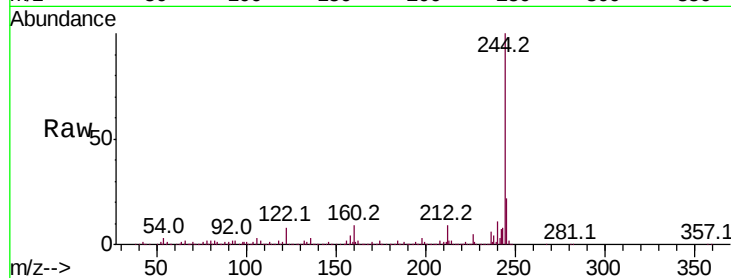
Tot Ion:244 Resp: 1388811

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

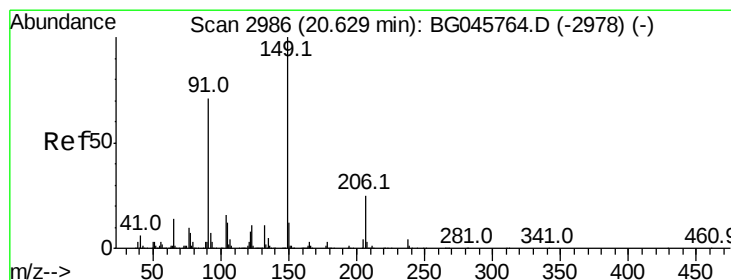
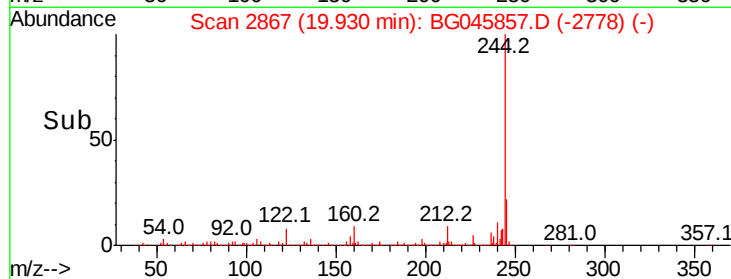
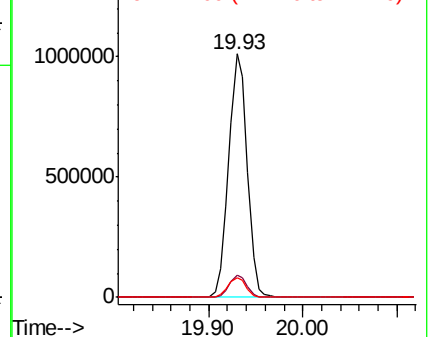
122 8.1 6.4 9.6



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: 42.586 ng

RT: 20.62 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

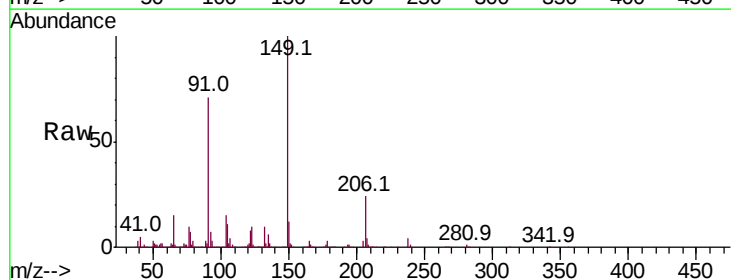
Tgt Ion:149 Resp: 361220

Ion Ratio Lower Upper

149 100

91 71.2 56.4 84.6

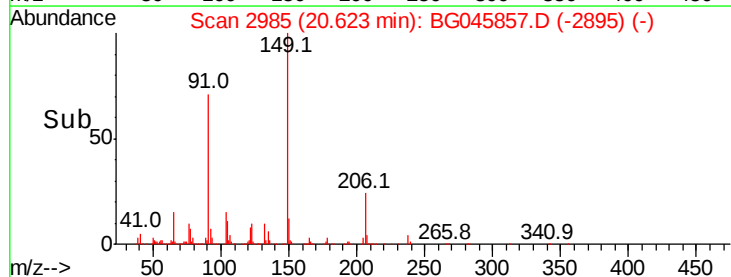
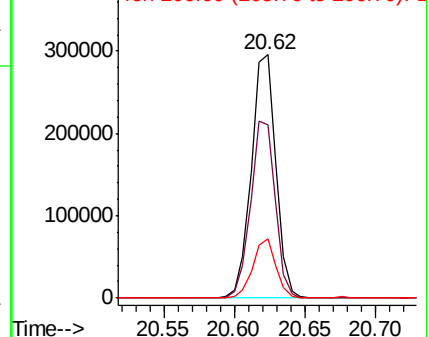
206 24.3 19.8 29.6

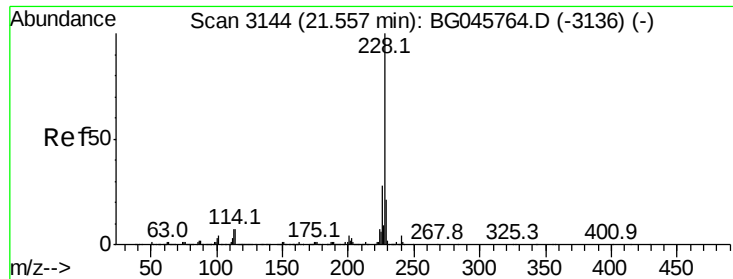


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.484 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

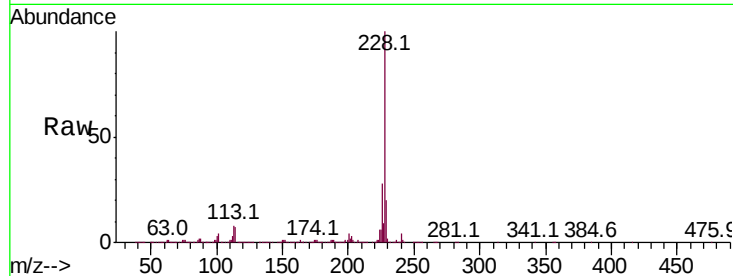
Tot Ion:228 Resp: 853155

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

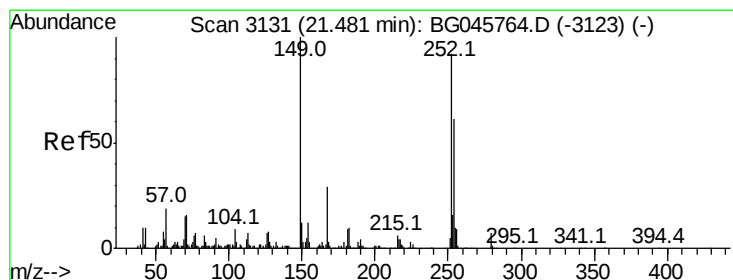
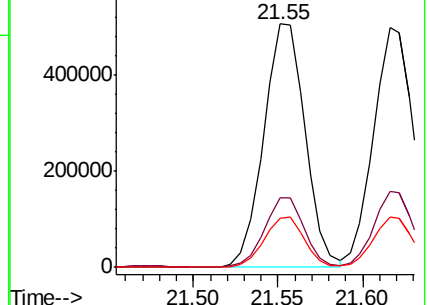
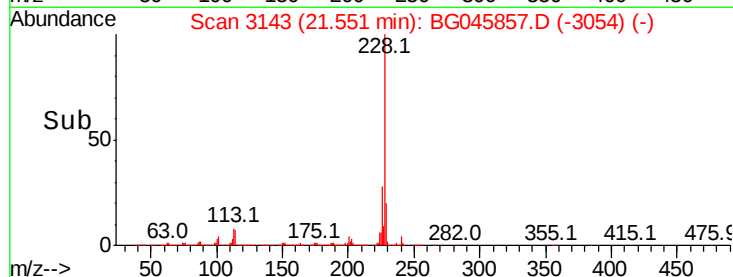
229 20.2 16.6 24.8



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: 37.993 ng

RT: 21.47 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

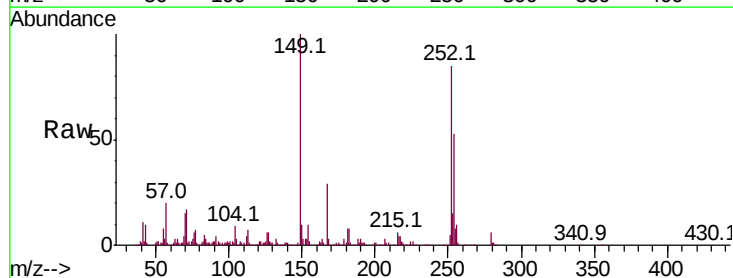
Tgt Ion:252 Resp: 281964

Ion Ratio Lower Upper

252 100

254 62.5 53.4 80.0

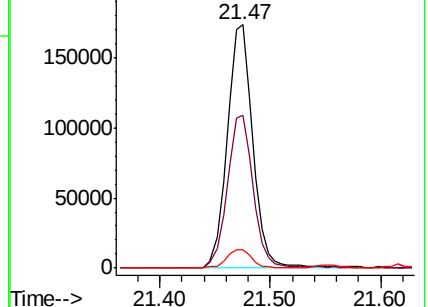
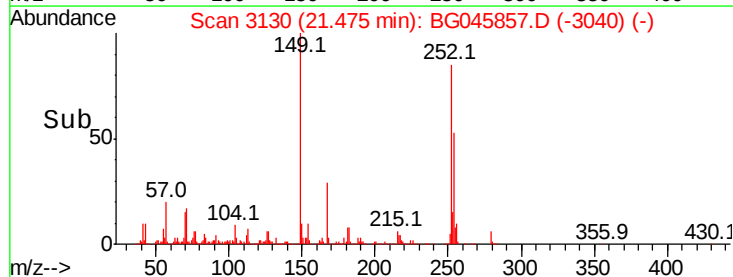
126 7.6 5.8 8.8

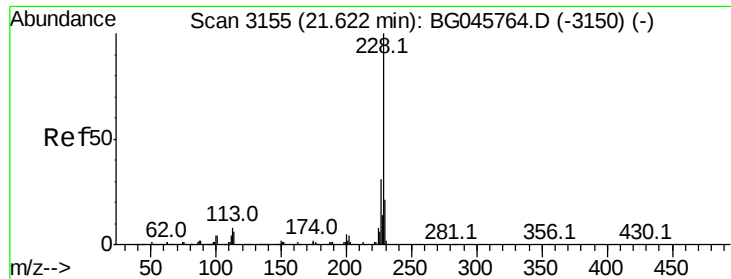


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.614 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

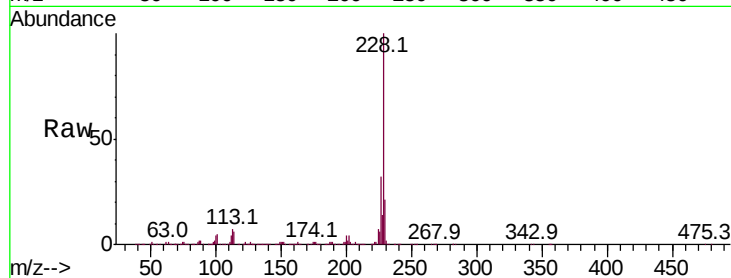
Tot Ion:228 Resp: 827658

Ion Ratio Lower Upper

228 100

226 31.6 25.1 37.7

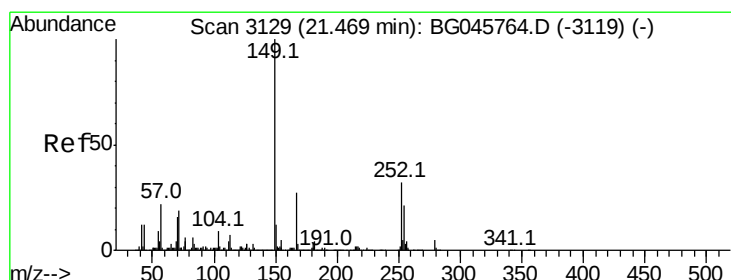
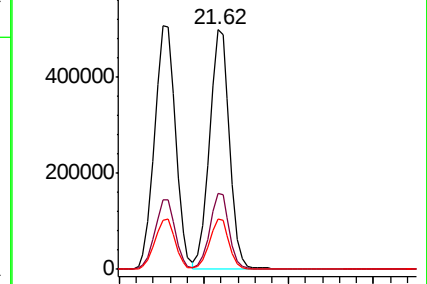
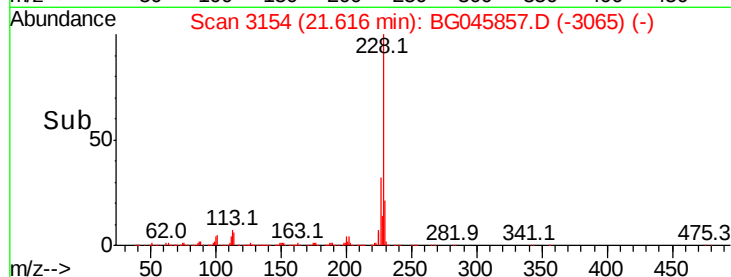
229 21.1 16.4 24.6



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: 43.200 ng

RT: 21.46 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

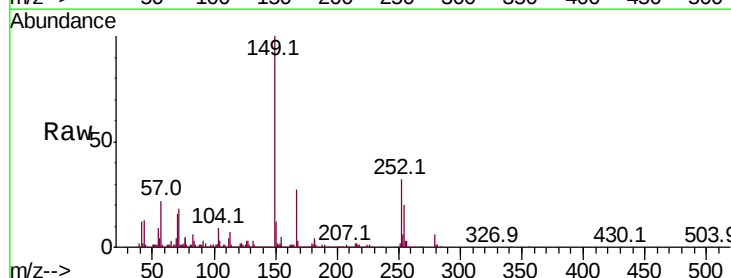
Tgt Ion:149 Resp: 509697

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

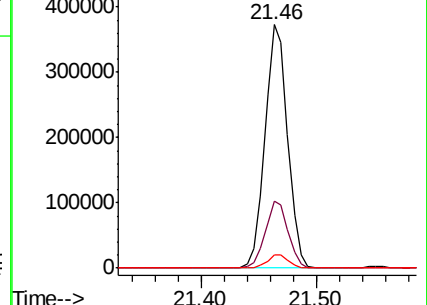
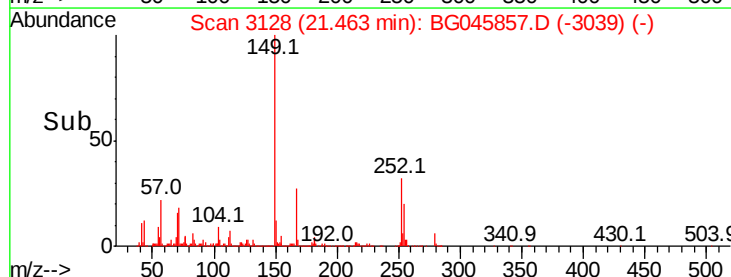
279 5.6 3.7 5.5#

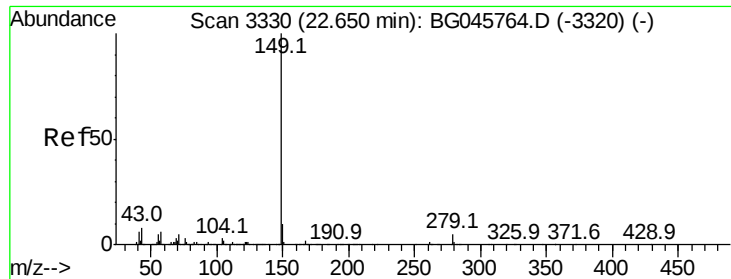


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

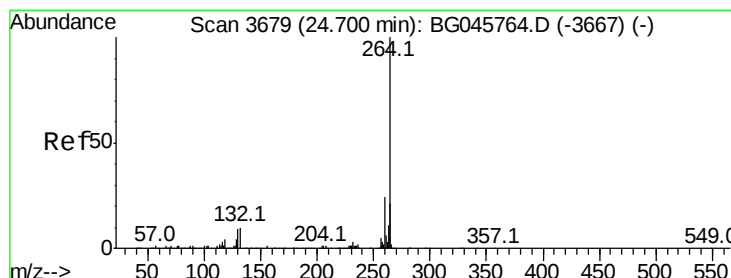
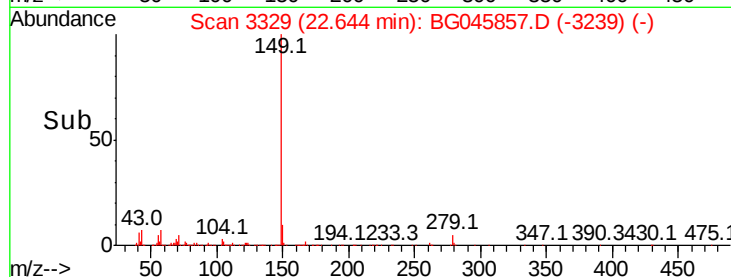
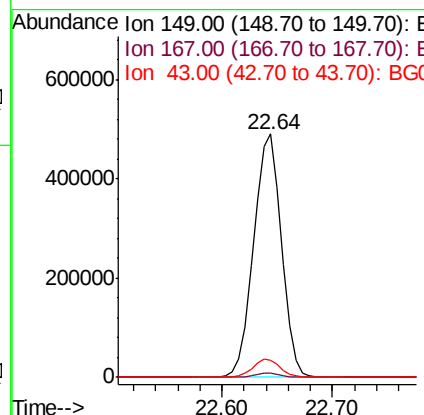
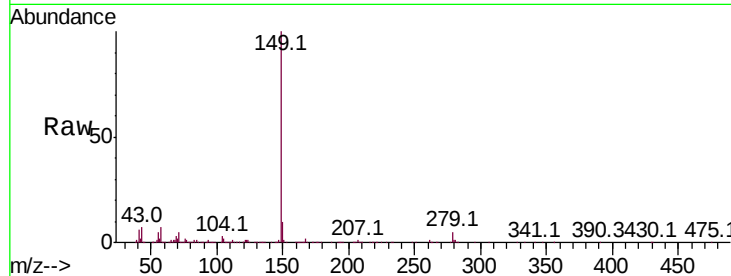




#85
Di-n-octyl phthalate
Concen: 42.554 ng
RT: 22.64 min Scan# 3329
Delta R.T. 0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

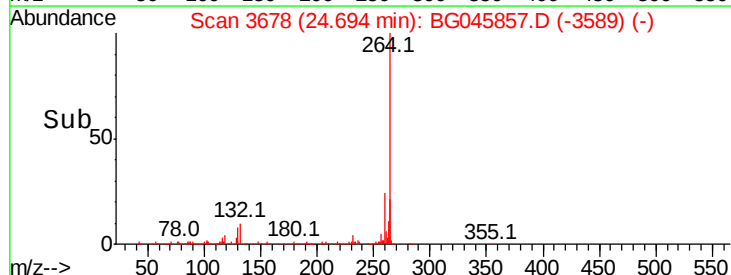
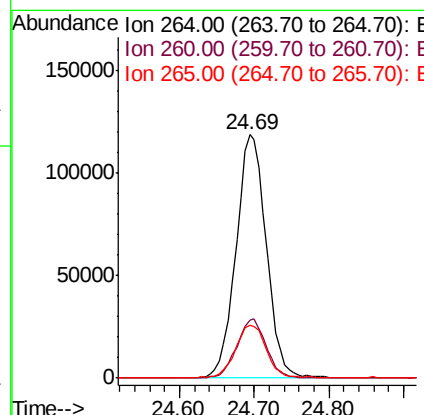
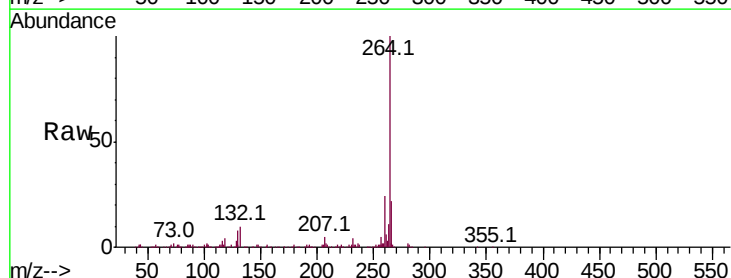
Instrument :
BNA_G
ClientSampleId :
PB129763BS

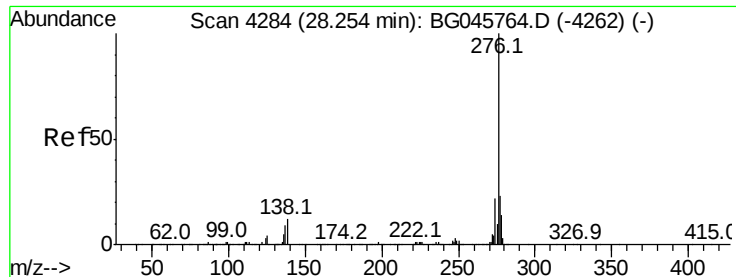
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.9	8.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.6	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.732 ng

RT: 28.25 min Scan# 4284

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

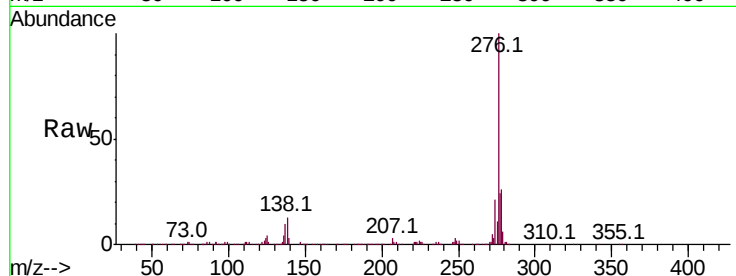
Tot Ion:276 Resp: 1079525

Ion Ratio Lower Upper

276 100

138 14.7 5.4 8.0#

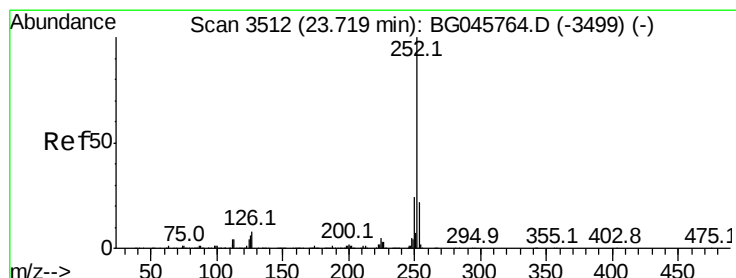
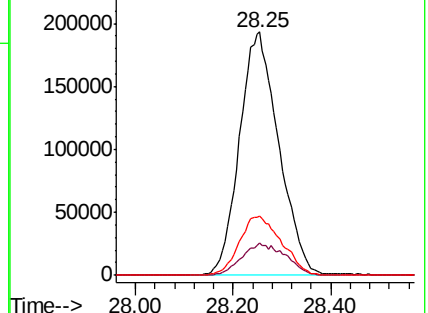
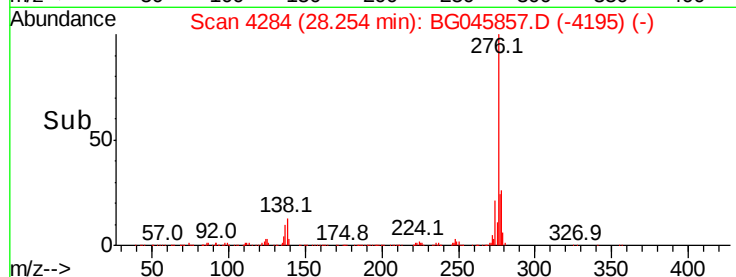
277 26.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 44.869 ng

RT: 23.71 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

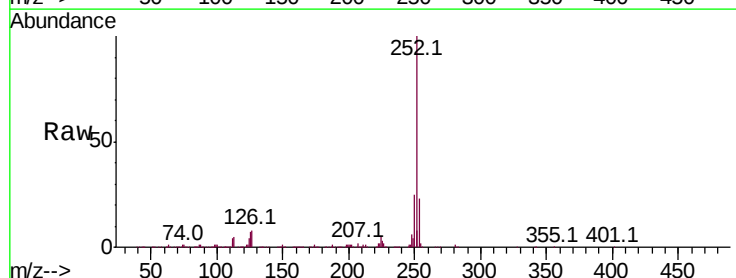
Tgt Ion:252 Resp: 936519

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

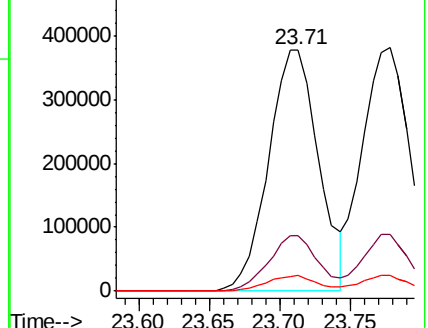
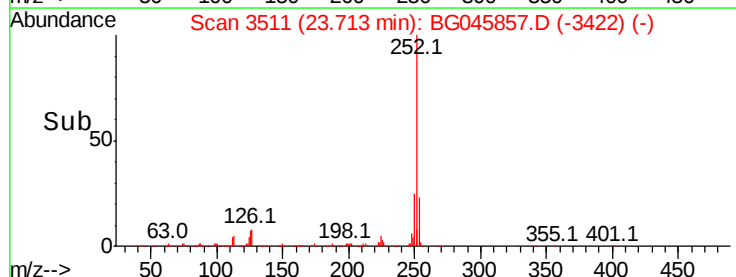
125 6.7 5.0 7.4

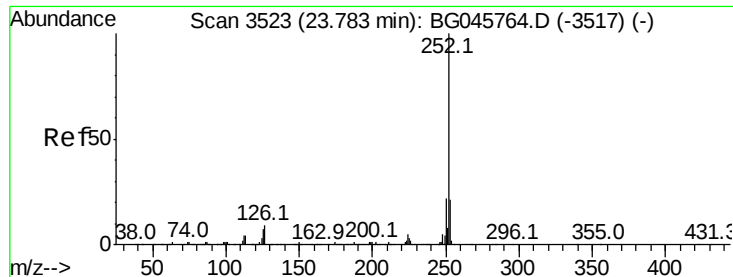


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.821 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB129763BS

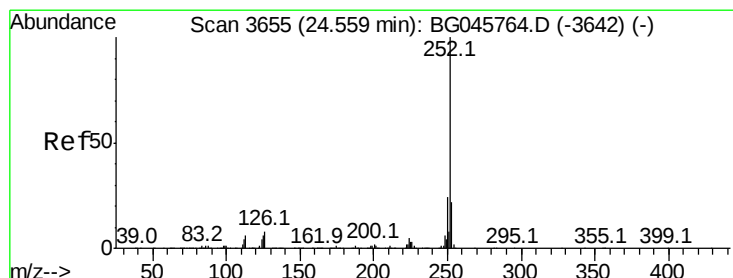
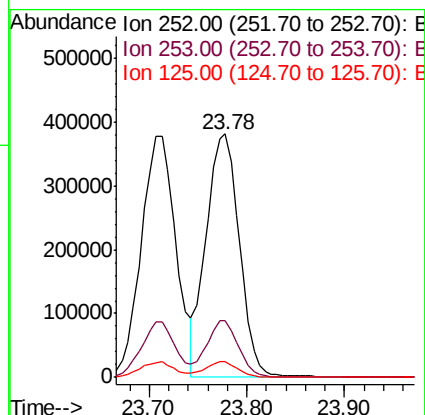
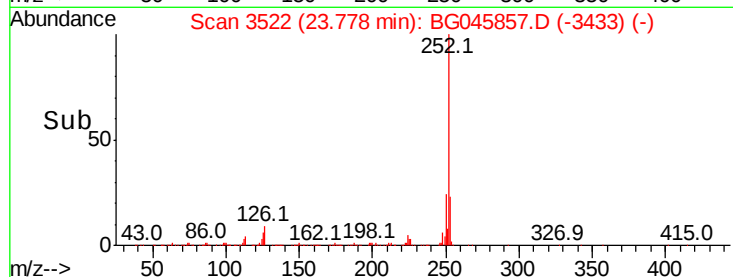
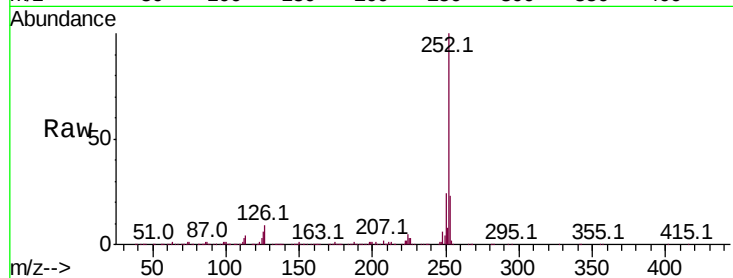
Tot Ion:252 Resp: 895357

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 6.3 5.2 7.8



#90

Benzo(a)pyrene

Concen: 43.614 ng

RT: 24.55 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

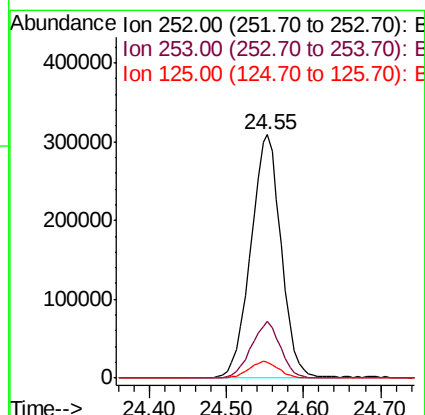
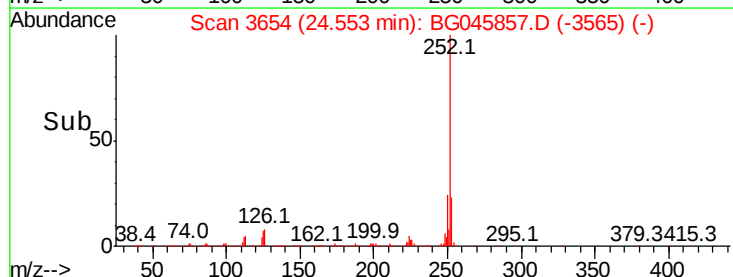
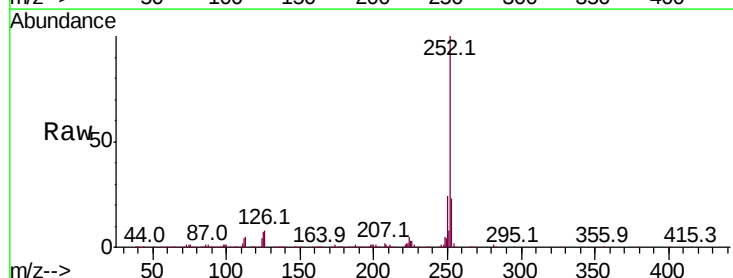
Tgt Ion:252 Resp: 850351

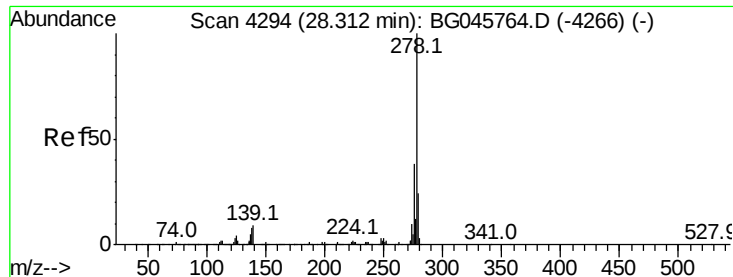
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 6.7 5.0 7.6

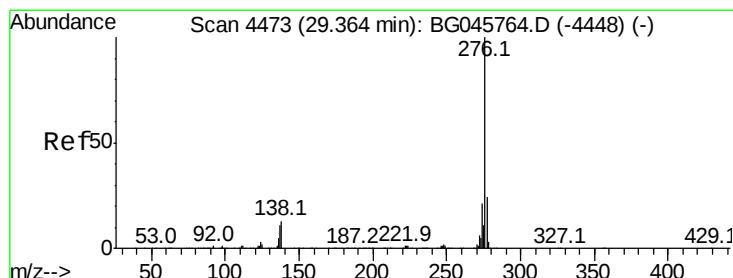
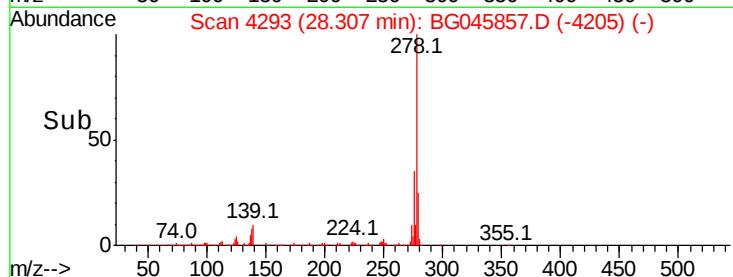
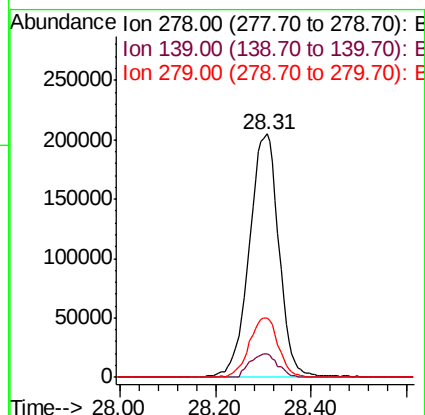
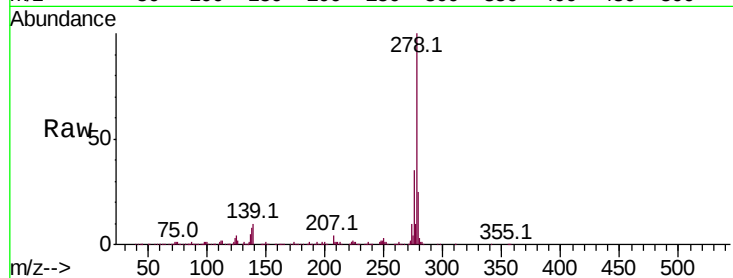




#91
Dibenzo(a,h)anthracene
Concen: 45.456 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.01 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Instrument :
BNA_G
ClientSampleId :
PB129763BS

Tot Ion:278 Resp: 879688
Ion Ratio Lower Upper
278 100
139 9.5 7.3 10.9
279 24.5 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 45.418 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.02 min
Lab File: BG045857.D
Acq: 25 Jun 2020 14:46

Tgt Ion:276 Resp: 879757
Ion Ratio Lower Upper
276 100
277 22.1 19.2 28.8
138 11.9 10.6 15.8

