

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045859.D
 Acq On : 25 Jun 2020 16:06
 Operator : CG/JU
 Sample : PB129759BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

Quant Time: Jun 25 16:41:17 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	52978	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	202768	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	137842	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	331172	20.00	ng	0.00
76) Chrysene-d12	21.57	240	320488	20.00	ng	0.00
86) Perylene-d12	24.69	264	352051	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	368856	117.61	ng	0.00
7) Phenol-d6	7.13	99	504268	105.71	ng	0.00
23) Nitrobenzene-d5	9.08	82	325129	73.25	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	231573	111.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	722422	77.02	ng	0.00
79) Terphenyl-d14	19.93	244	1260205	79.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	50109	34.885	ng	95
3) Pyridine	3.76	79	141918	33.341	ng	97
4) n-Nitrosodimethylamine	3.68	42	62384	43.663	ng	# 96
6) Aniline	7.24	93	186241	33.156	ng	97
8) 2-Chlorophenol	7.50	128	148395	44.205	ng	94
9) Benzaldehyde	7.04	77	83532	29.153	ng	98
10) Phenol	7.16	94	194135	42.000	ng	97
11) bis(2-Chloroethyl)ether	7.33	93	132892	37.852	ng	95
12) 1,3-Dichlorobenzene	7.80	146	162782	40.690	ng	95
13) 1,4-Dichlorobenzene	7.95	146	160213	40.094	ng	98
14) 1,2-Dichlorobenzene	8.27	146	151211	39.528	ng	96
15) Benzyl Alcohol	8.17	79	147488	39.952	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	125127	37.815	ng	81
17) 2-Methylphenol	8.40	107	130017	37.797	ng	97
18) Hexachloroethane	8.99	117	63118	41.590	ng	92
19) n-Nitroso-di-n-propylamine	8.72	70	120932	38.559	ng	99
20) 3+4-Methylphenols	8.73	107	172957	38.231	ng	# 75
22) Acetophenone	8.74	105	220143	39.556	ng	# 95
24) Nitrobenzene	9.12	77	187029	39.520	ng	99
25) Isophorone	9.64	82	328991	38.288	ng	100
26) 2-Nitrophenol	9.83	139	81905	41.541	ng	91
27) 2,4-Dimethylphenol	9.92	122	129017	42.860	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	177958	39.649	ng	96
29) 2,4-Dichlorophenol	10.40	162	144648	41.186	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	166584	40.066	ng	96
31) Naphthalene	10.77	128	443365	39.995	ng	99
32) Benzoic acid	10.12	122	73265	39.487	ng	94
33) 4-Chloroaniline	10.89	127	117433	25.296	ng	95
34) Hexachlorobutadiene	11.06	225	115092	38.923	ng	98
35) Caprolactam	11.66	113	25565	22.495	ng	97
36) 4-Chloro-3-methylphenol	12.06	107	164294	40.516	ng	99
37) 2-Methylnaphthalene	12.38	142	326286	39.527	ng	99
38) 1-Methylnaphthalene	12.60	142	313677	40.155	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	187528	41.317	ng	98

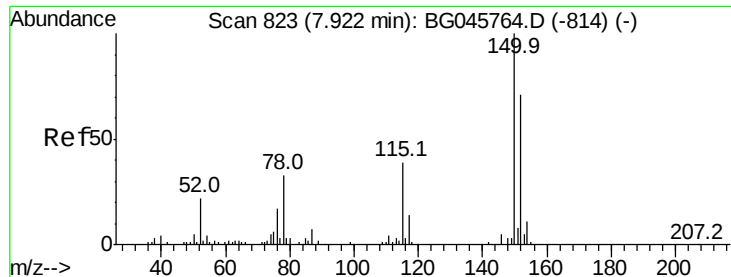
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	212383	84.217	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	122421	39.782	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	129559	36.940	ng	99
46) 1,1'-Biphenyl	13.39	154	414247	41.976	ng	99
47) 2-Chloronaphthalene	13.44	162	321460	40.325	ng	99
48) 2-Nitroaniline	13.65	65	109158	41.165	ng	98
49) Acenaphthylene	14.29	152	522549	40.924	ng	99
50) Dimethylphthalate	14.02	163	432298	40.033	ng	99
51) 2,6-Dinitrotoluene	14.14	165	96737	39.885	ng	93
52) Acenaphthene	14.63	154	316516	40.895	ng	99
53) 3-Nitroaniline	14.48	138	67563	27.889	ng	94
54) 2,4-Dinitrophenol	14.69	184	111986	82.644	ng	96
55) Dibenzofuran	14.96	168	509237	40.501	ng	98
56) 4-Nitrophenol	14.85	139	123917	71.822	ng	99
57) 2,4-Dinitrotoluene	14.93	165	143686	41.348	ng	96
58) Fluorene	15.62	166	434036	41.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.13	232	111017	36.470	ng	95
60) Diethylphthalate	15.39	149	448698	40.647	ng	97
61) 4-Chlorophenyl-phenylether	15.60	204	238070	39.508	ng	99
62) 4-Nitroaniline	15.65	138	99928	40.192	ng	94
63) Azobenzene	15.90	77	438959	41.413	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	90051	43.999	ng	97
66) n-Nitrosodiphenylamine	15.83	169	375698	40.052	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	165995	38.575	ng	98
68) Hexachlorobenzene	16.63	284	182091	40.808	ng	94
69) Atrazine	16.78	200	143947	39.547	ng	95
70) Pentachlorophenol	16.98	266	146177	67.720	ng	93
71) Phenanthrene	17.35	178	687512	40.253	ng	99
72) Anthracene	17.45	178	709165	41.696	ng	99
73) Carbazole	17.72	167	645197	39.840	ng	99
74) Di-n-butylphthalate	18.28	149	775608	40.448	ng	100
75) Fluoranthene	19.37	202	876198	41.719	ng	99
77) Benzidine	19.55	184	409971	49.206	ng	98
78) Pyrene	19.73	202	862456	40.187	ng	99
80) Butylbenzylphthalate	20.62	149	361871	40.284	ng	97
81) Benzo(a)anthracene	21.55	228	843422	40.591	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	240392	30.586	ng	97
83) Chrysene	21.62	228	811299	40.368	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	508243	40.676	ng	# 97
85) Di-n-octyl phthalate	22.64	149	863659	40.071	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1084378	42.488	ng	100
88) Benzo(b)fluoranthene	23.71	252	922172	41.778	ng	100
89) Benzo(k)fluoranthene	23.77	252	910385	43.093	ng	97
90) Benzo(a)pyrene	24.55	252	844172	40.940	ng	99
91) Dibenzo(a,h)anthracene	28.30	278	881905	43.090	ng	99
92) Benzo(g,h,i)perylene	29.36	276	877118	42.817	ng	99

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

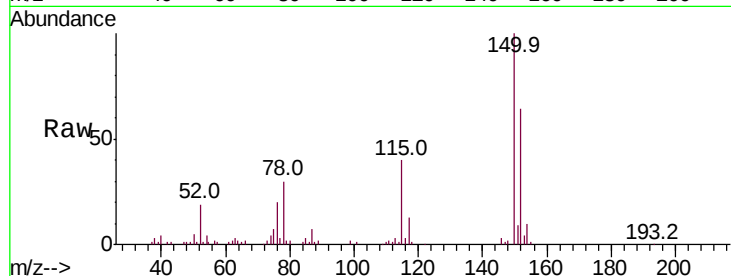


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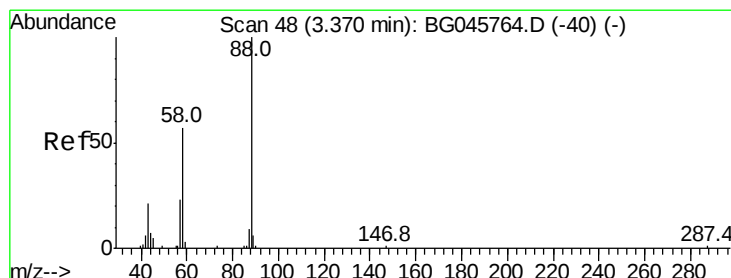
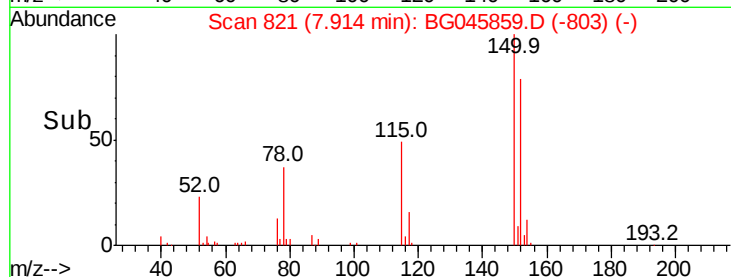
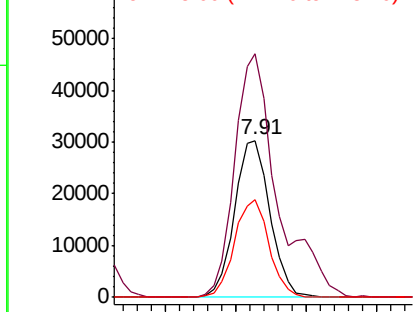
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion:152 Resp: 52978
Ion Ratio Lower Upper
152 100
150 155.5 113.1 169.7
115 62.1 43.8 65.6



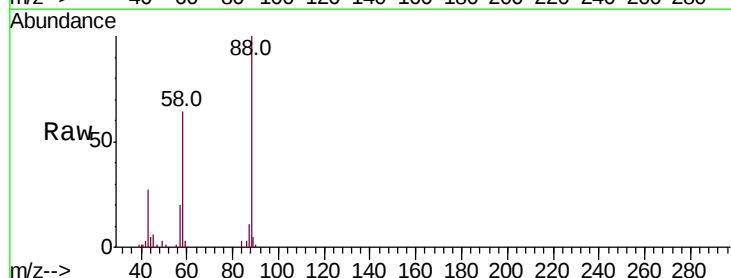
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



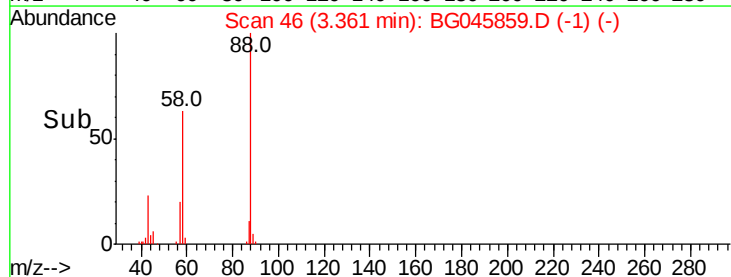
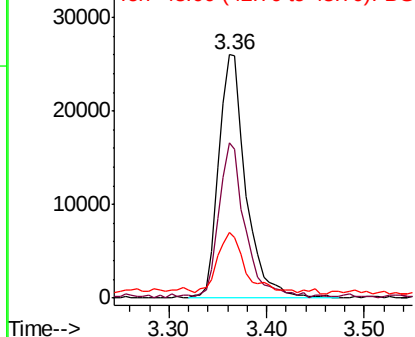
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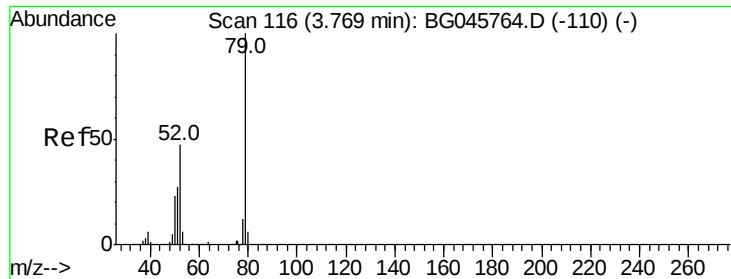
1,4-Dioxane
Concen: 34.885 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion: 88 Resp: 50109
Ion Ratio Lower Upper
88 100
58 62.2 46.1 69.1
43 25.2 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: 33.341 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

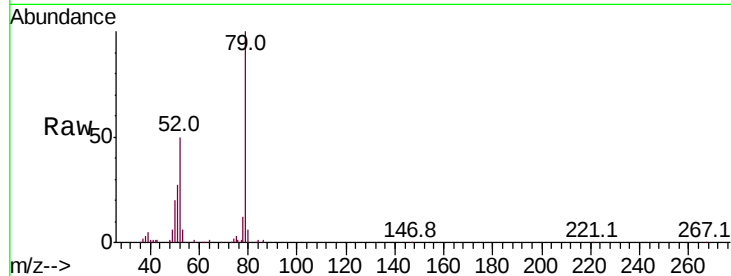
Tot Ion: 79 Resp: 141918

Ion Ratio Lower Upper

79 100

52 49.9 37.9 56.9

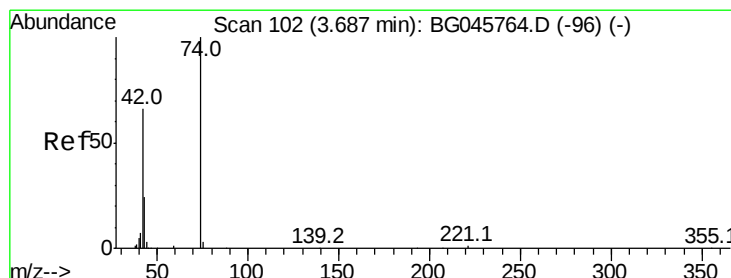
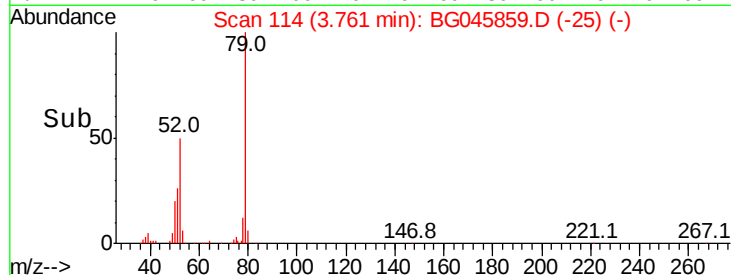
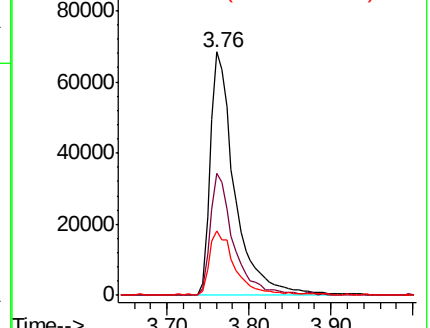
51 26.5 22.0 33.0



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: 43.663 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

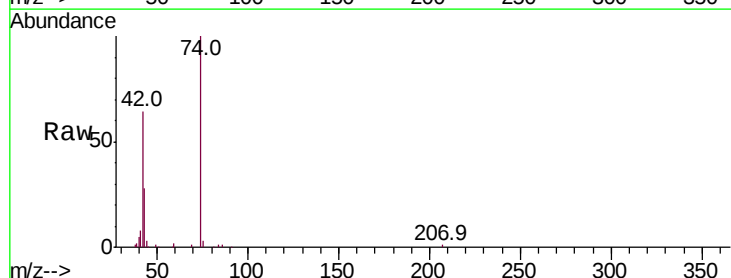
Tgt Ion: 42 Resp: 62384

Ion Ratio Lower Upper

42 100

74 156.4 121.0 181.4

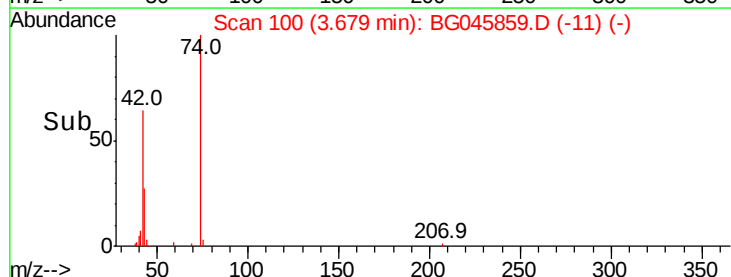
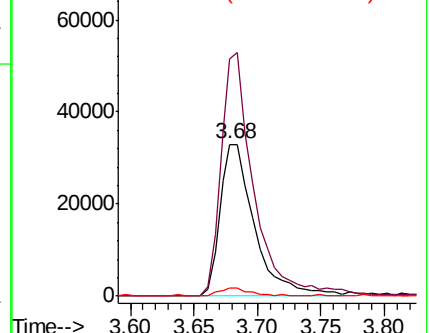
44 5.4 3.5 5.3#

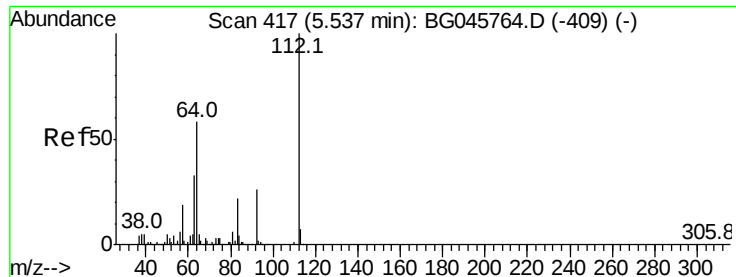


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.612 ng

RT: 5.52 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

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ClientSampleId :

PB129759BS

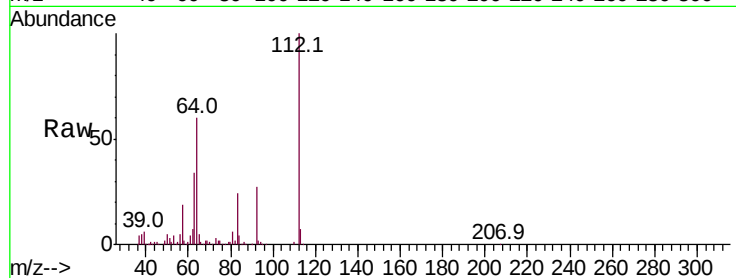
Tot Ion:112 Resp: 368856

Ion Ratio Lower Upper

112 100

64 60.0 46.6 69.8

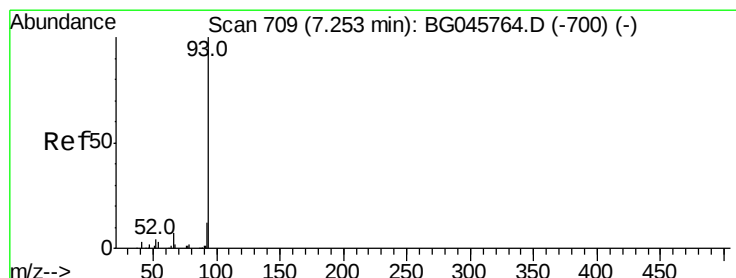
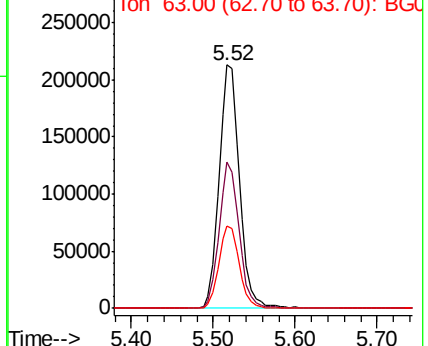
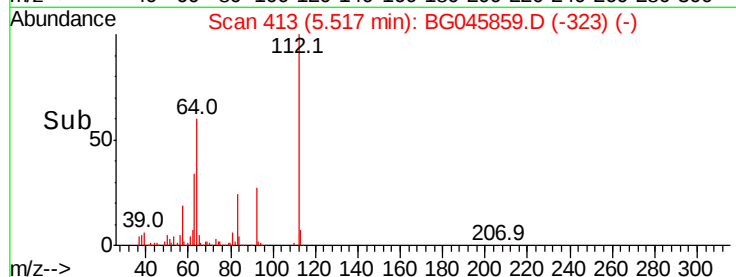
63 33.9 26.3 39.5



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: 33.156 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

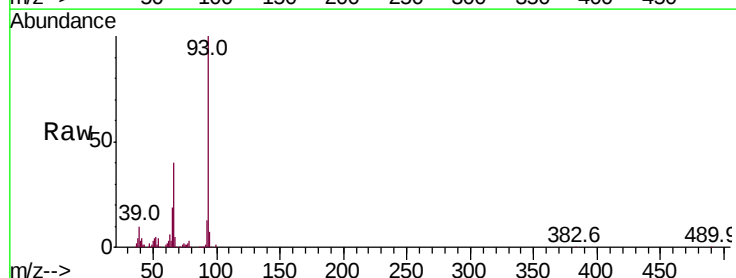
Tgt Ion: 93 Resp: 186241

Ion Ratio Lower Upper

93 100

66 39.7 30.0 45.0

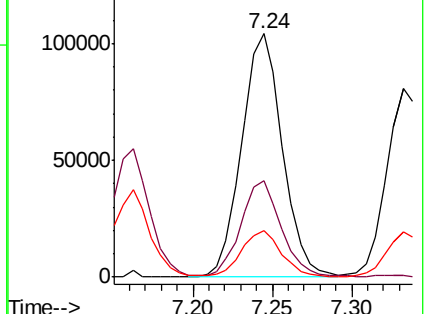
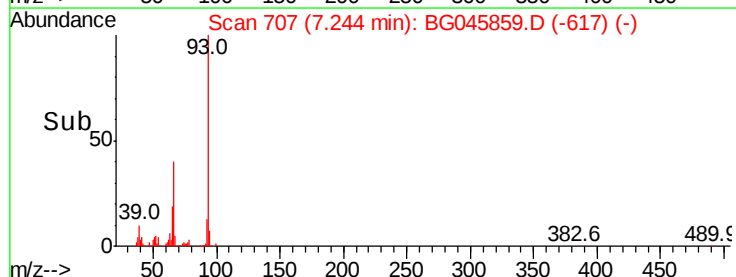
65 19.1 14.7 22.1

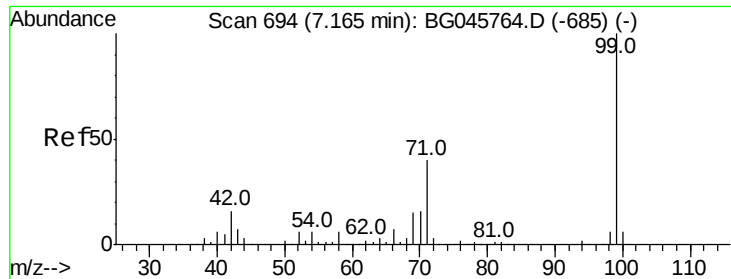


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.707 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

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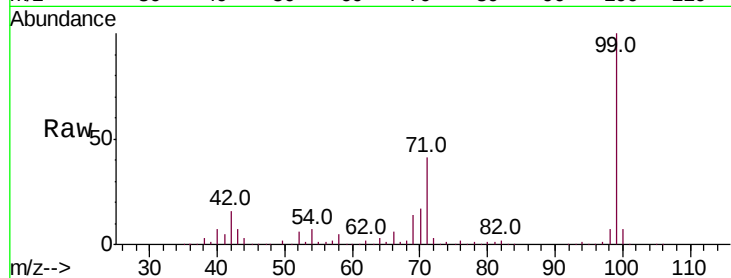
Tot Ion: 99 Resp: 504268

Ion Ratio Lower Upper

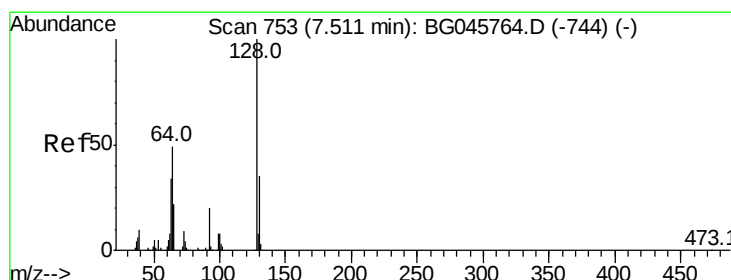
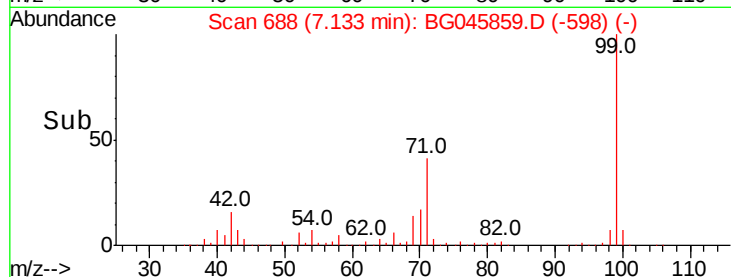
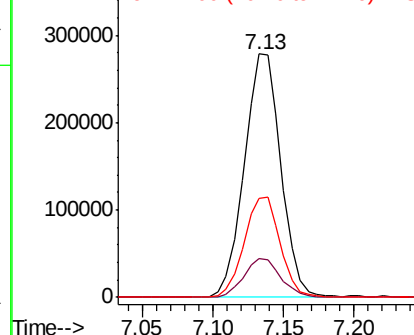
99 100

42 15.8 12.4 18.6

71 40.9 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: 44.205 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

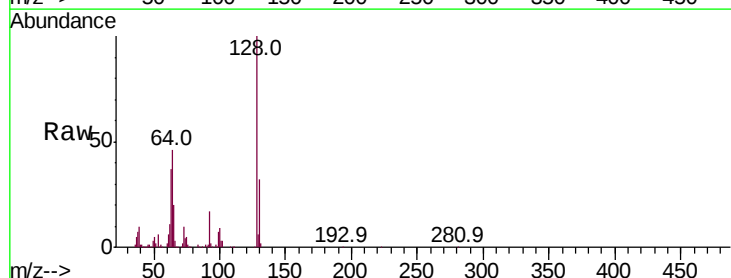
Tgt Ion: 128 Resp: 148395

Ion Ratio Lower Upper

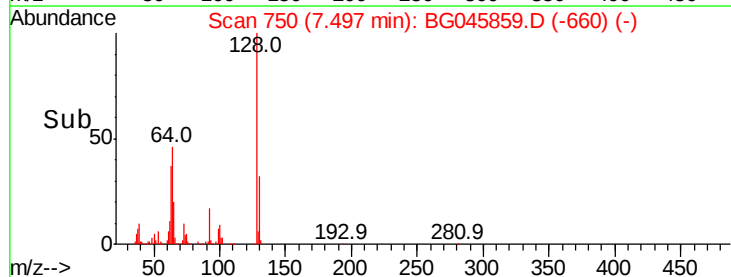
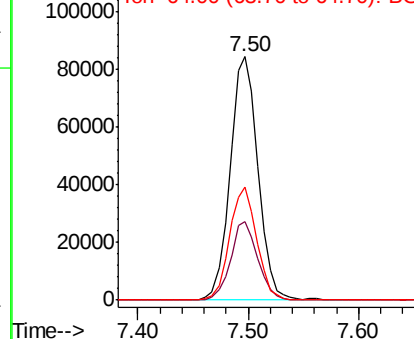
128 100

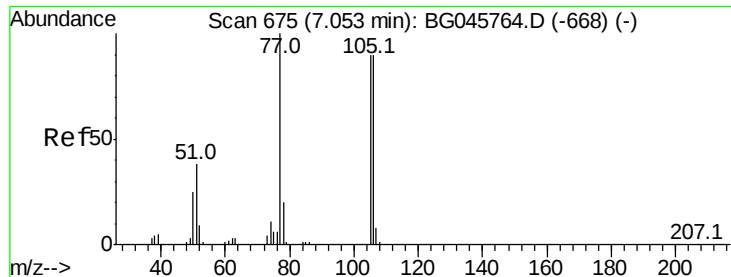
130 32.1 14.5 54.5

64 46.5 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: 29.153 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

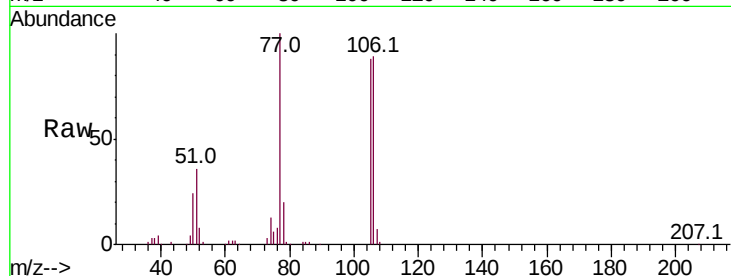
Tot Ion: 77 Resp: 83532

Ion Ratio Lower Upper

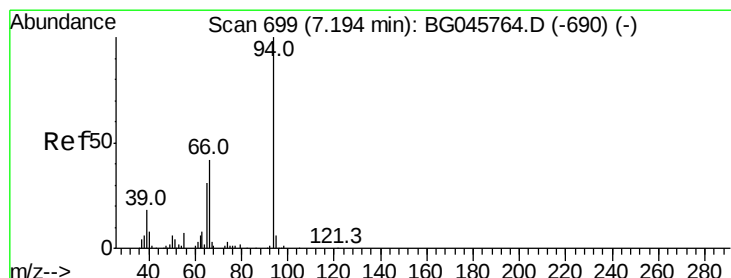
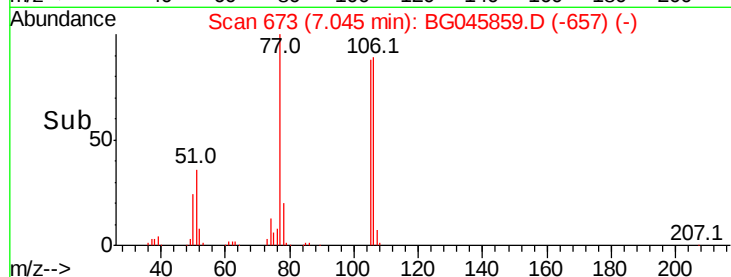
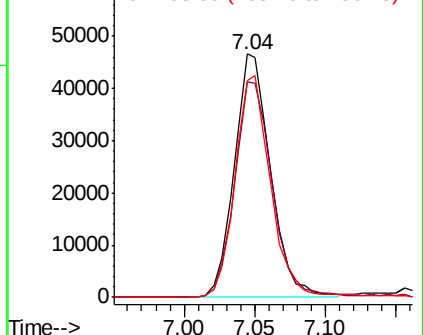
77 100

105 88.3 70.4 110.4

106 89.2 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: 42.000 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

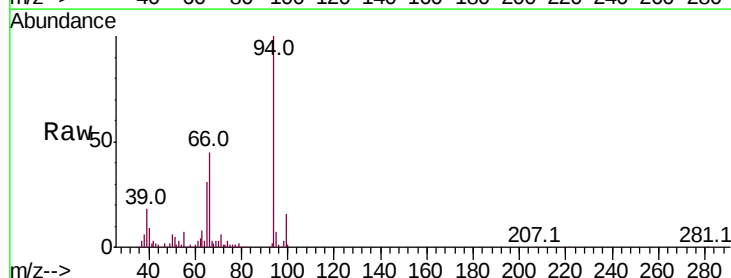
Tgt Ion: 94 Resp: 194135

Ion Ratio Lower Upper

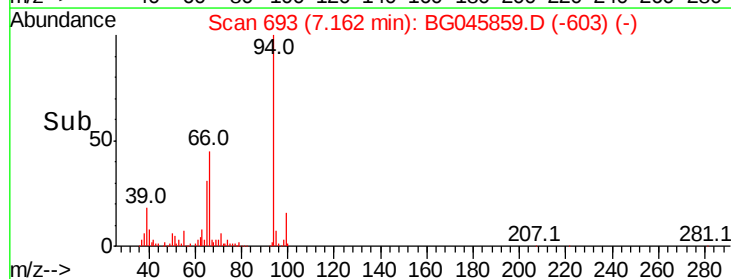
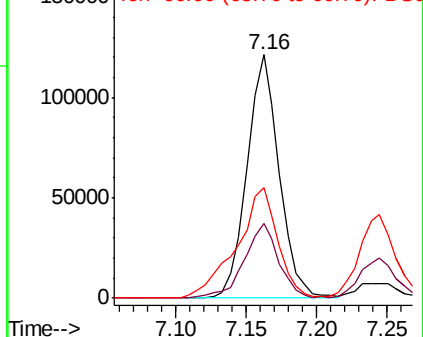
94 100

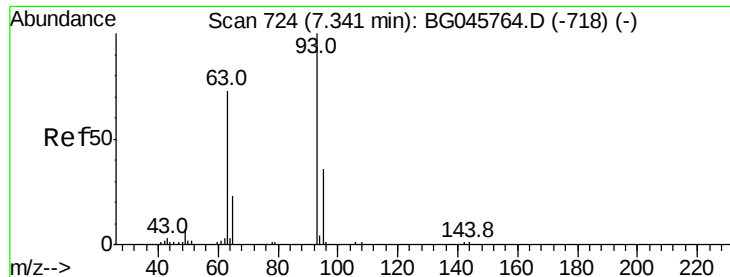
65 30.6 10.7 50.7

66 45.3 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: 37.852 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

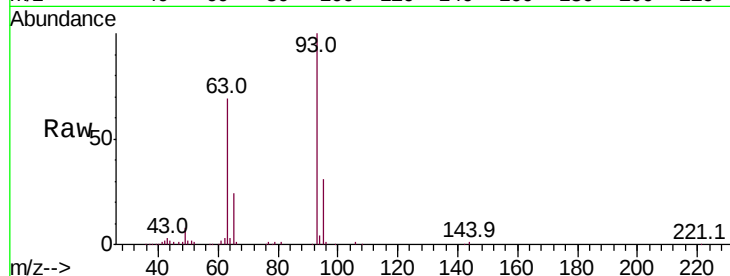
Tot Ion: 93 Resp: 132892

Ion Ratio Lower Upper

93 100

63 68.9 52.0 92.0

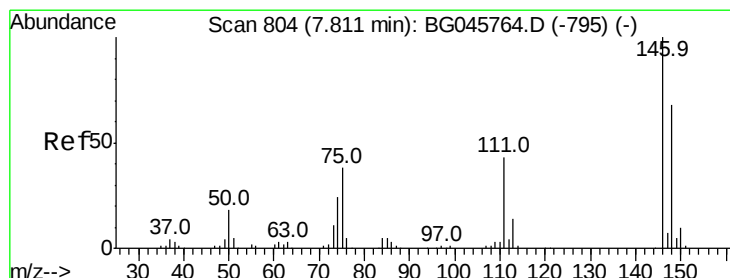
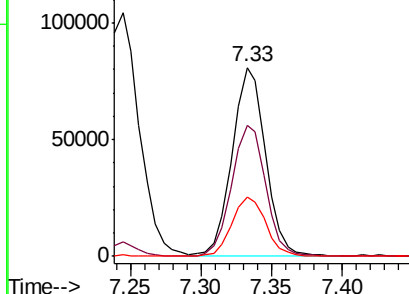
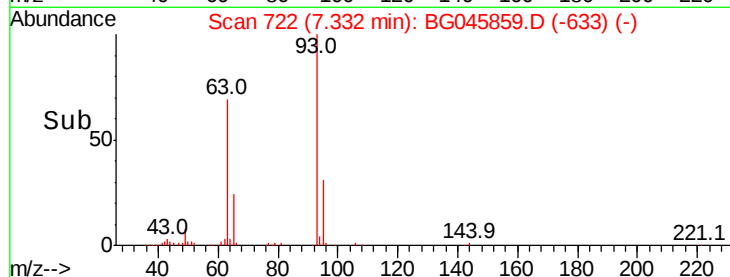
95 31.1 15.6 55.6



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: 40.690 ng

RT: 7.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

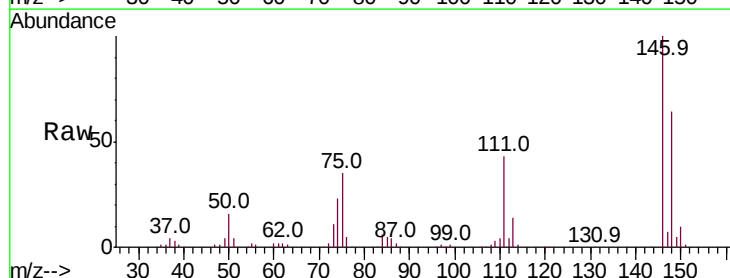
Tgt Ion: 146 Resp: 162782

Ion Ratio Lower Upper

146 100

148 63.7 54.2 81.4

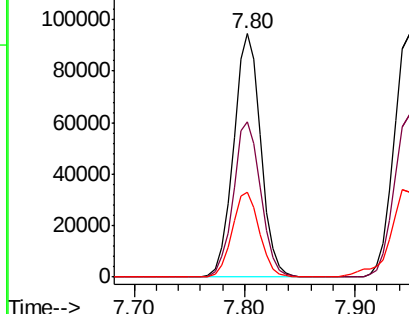
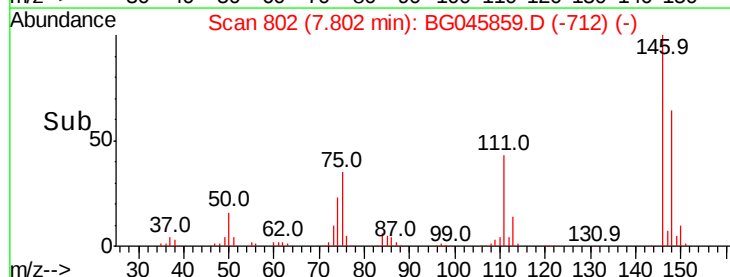
75 35.0 30.1 45.1

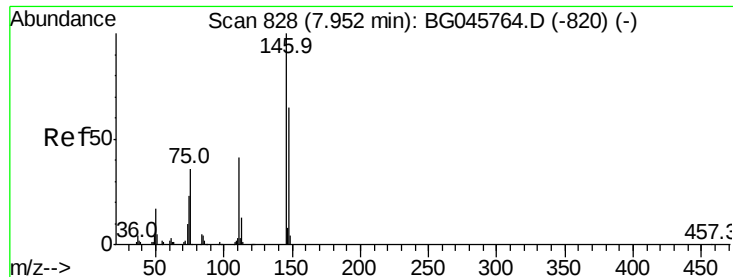


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.094 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

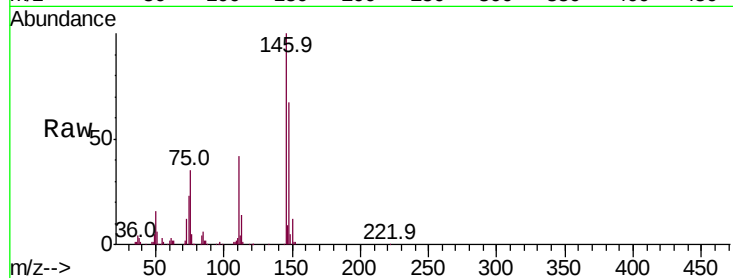
Tot Ion:146 Resp: 160213

Ion Ratio Lower Upper

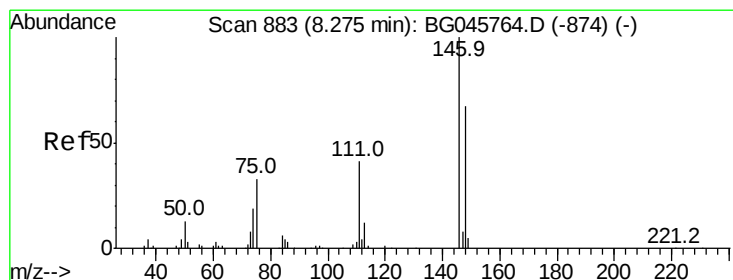
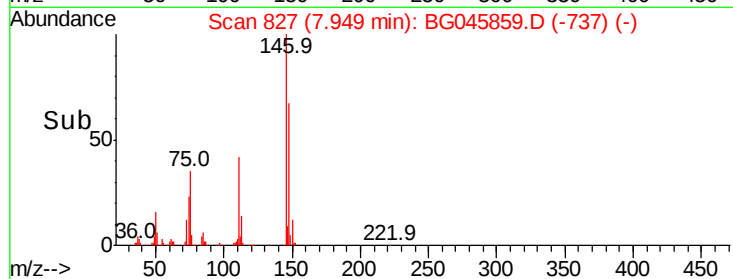
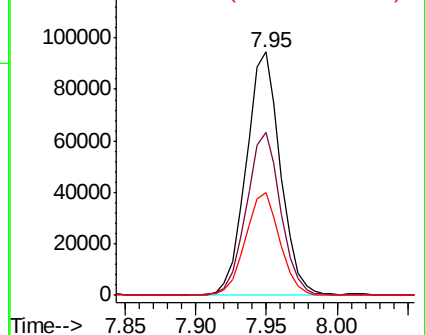
146 100

148 66.7 51.8 77.6

111 42.1 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: 39.528 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

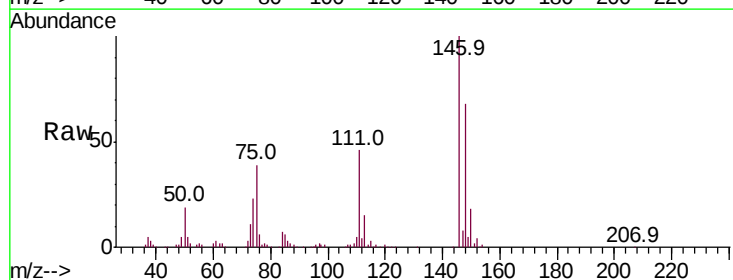
Tgt Ion:146 Resp: 151211

Ion Ratio Lower Upper

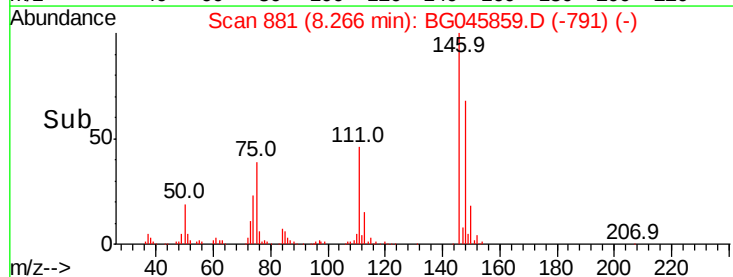
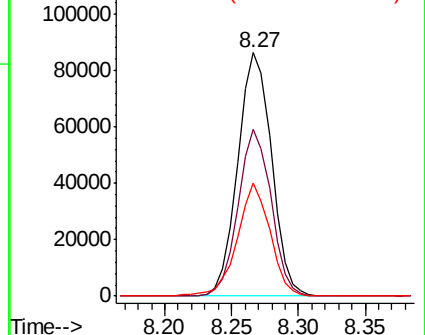
146 100

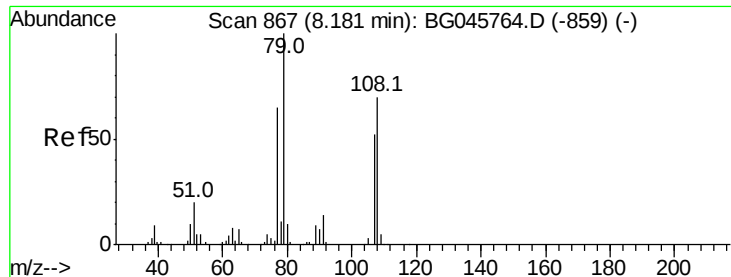
148 68.3 54.1 81.1

111 46.4 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: 39.952 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

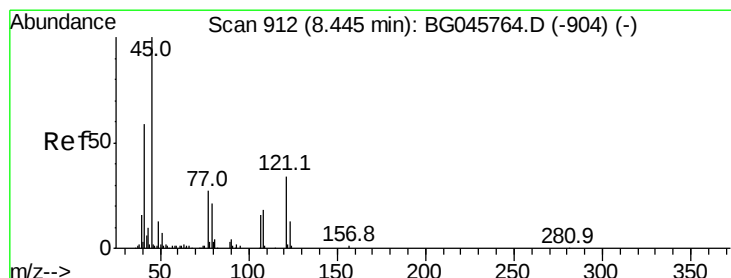
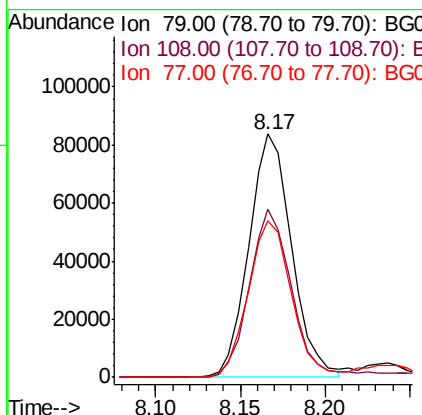
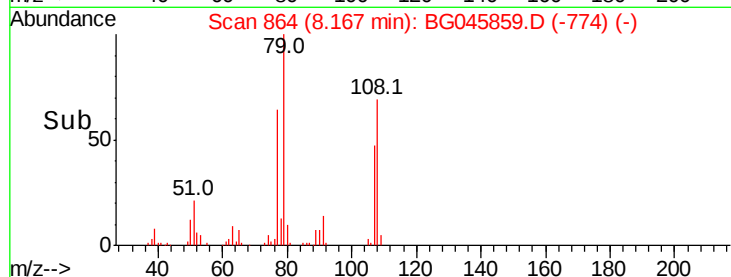
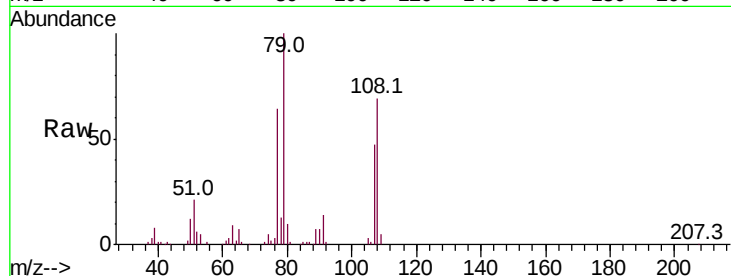
Tot Ion: 79 Resp: 147488

Ion Ratio Lower Upper

79 100

108 69.0 56.2 84.4

77 64.3 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.815 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

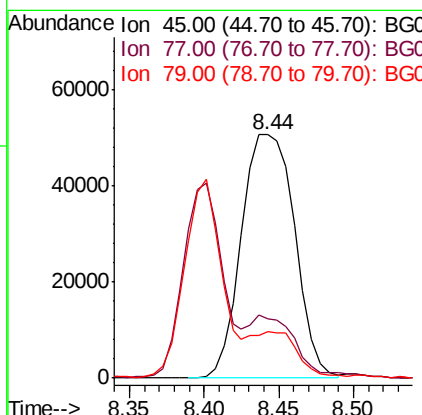
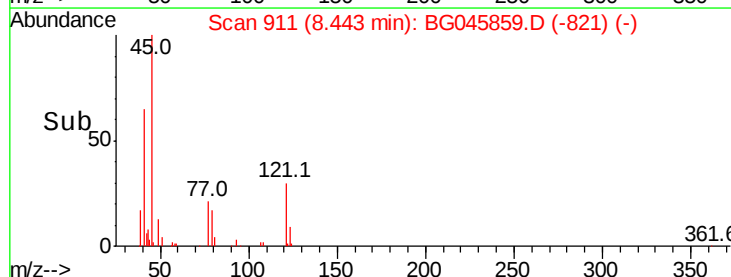
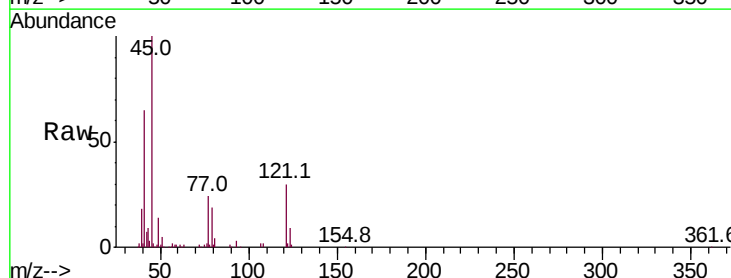
Tgt Ion: 45 Resp: 125127

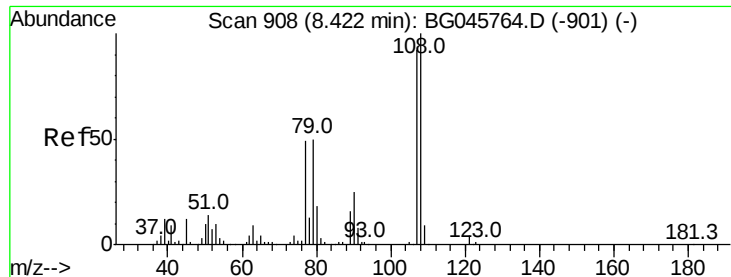
Ion Ratio Lower Upper

45 100

77 24.3 14.9 54.9

79 18.8 9.2 49.2

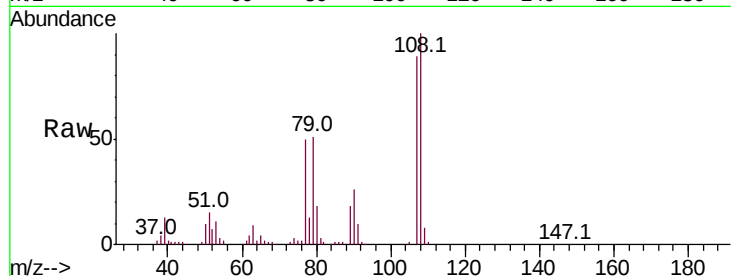




#17
2-Methylphenol
Concen: 37.797 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion:	107	Resp:	130017
Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.4	131.0
77	56.0	42.5	63.7
79	57.0	44.0	66.0



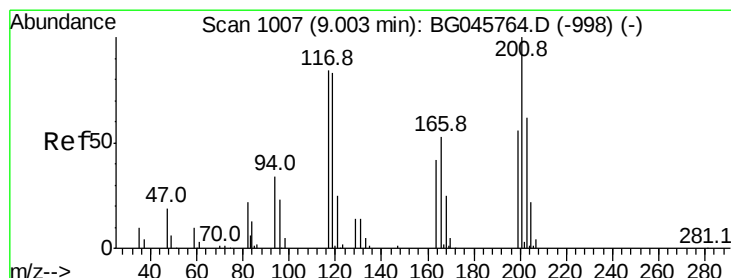
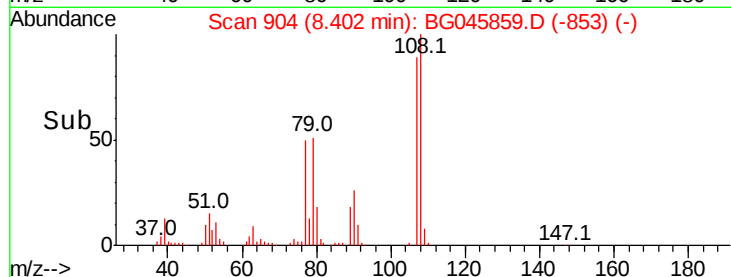
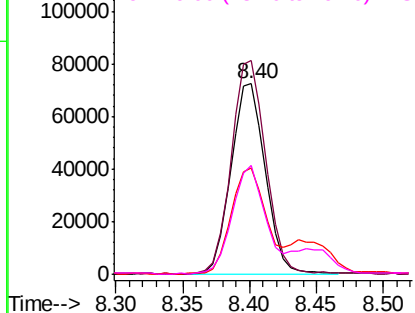
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

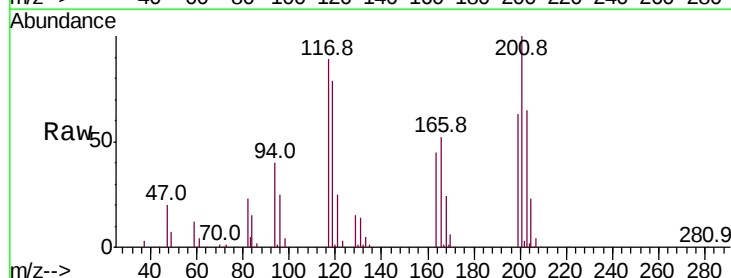
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.590 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion:	117	Resp:	63118
Ion	Ratio	Lower	Upper
117	100		
119	89.0	78.9	118.3
201	112.4	95.5	143.3

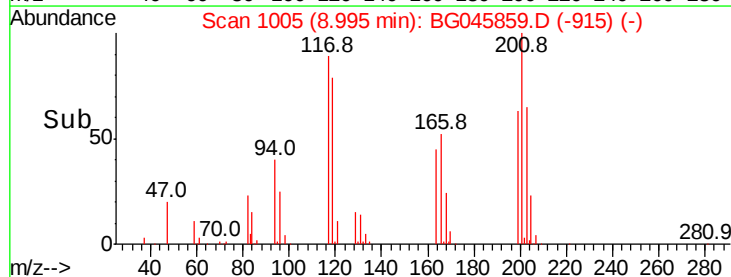
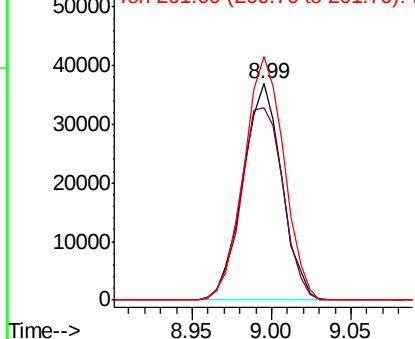


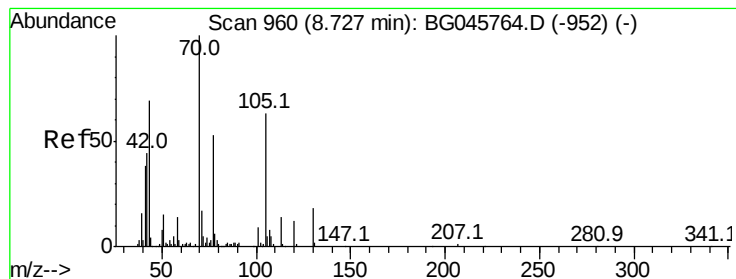
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.559 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

Tot Ion: 70 Resp: 120932

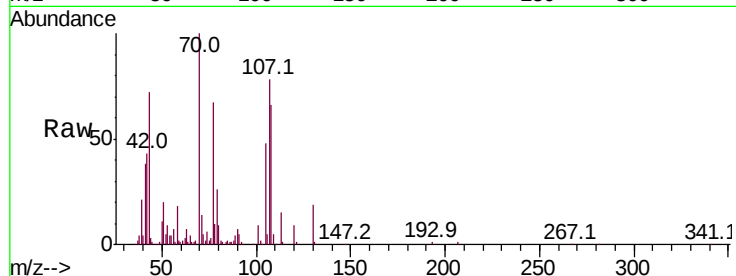
Ion Ratio Lower Upper

70 100

42 43.2 35.1 52.7

101 8.7 7.4 11.0

130 18.8 14.6 21.8

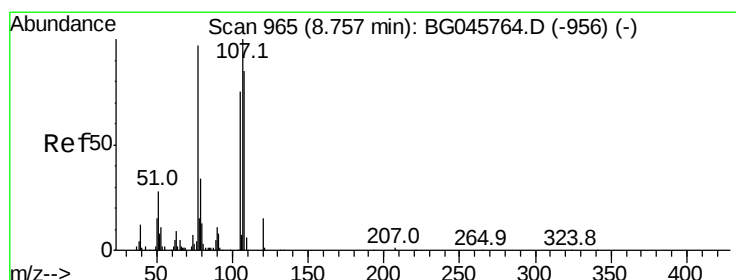
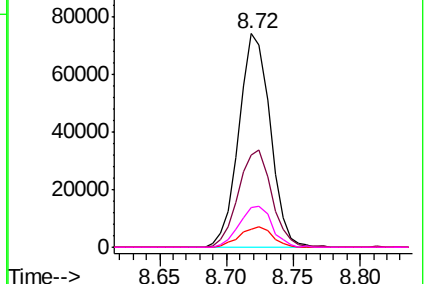
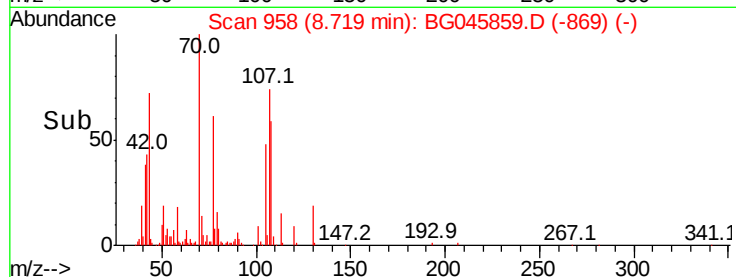


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.231 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Tgt Ion:107 Resp: 172957

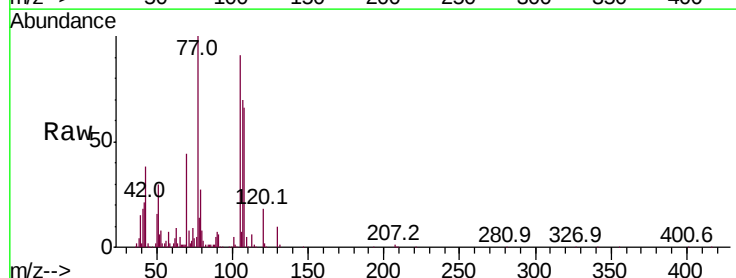
Ion Ratio Lower Upper

107 100

108 94.1 65.4 105.4

77 142.6 77.2 117.2#

79 37.8 14.2 54.2

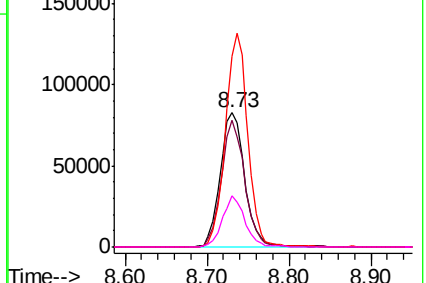
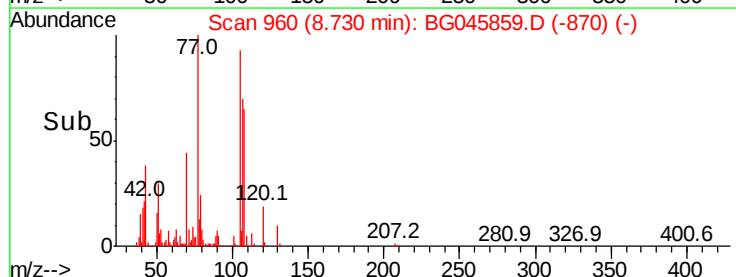


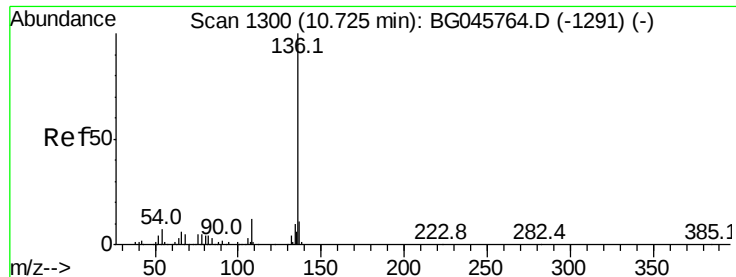
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

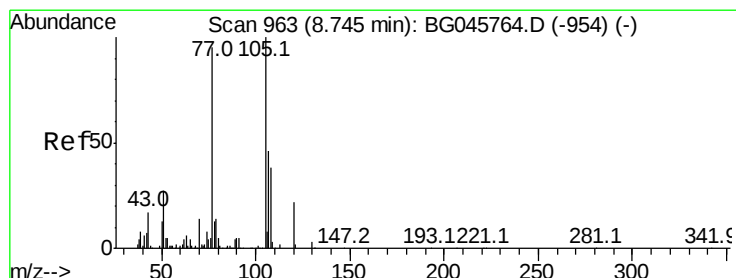
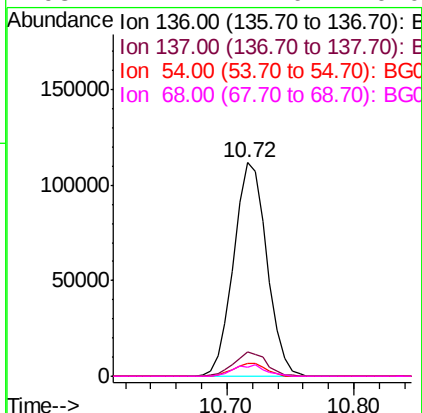
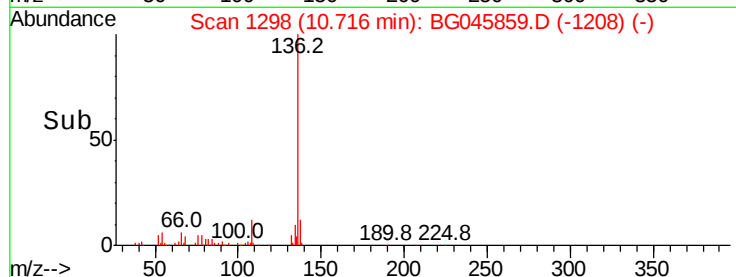
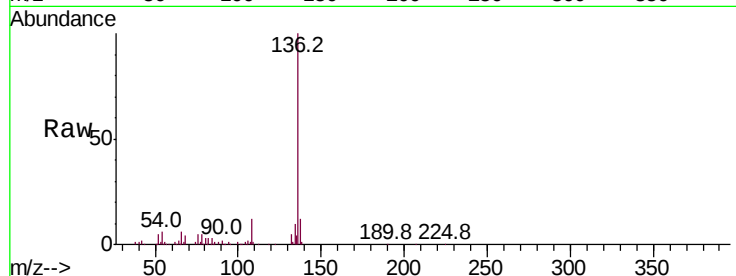




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

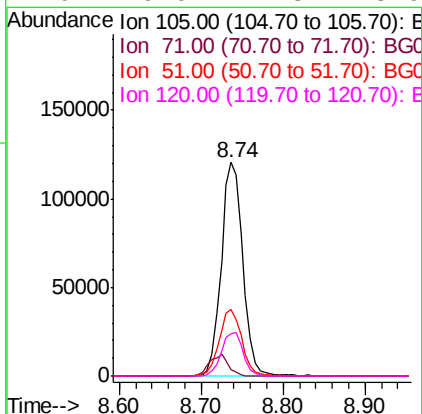
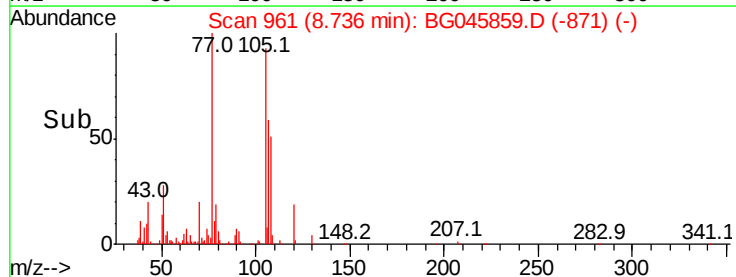
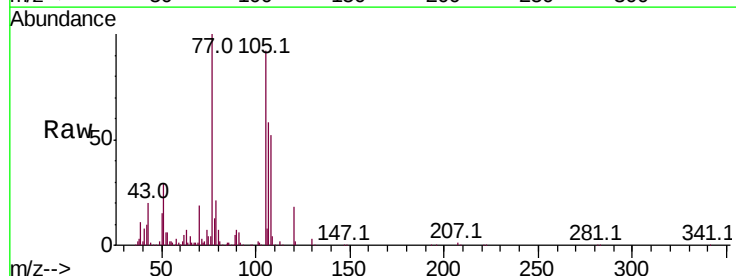
Instrument :
BNA_G
ClientSampleId :
PB129759BS

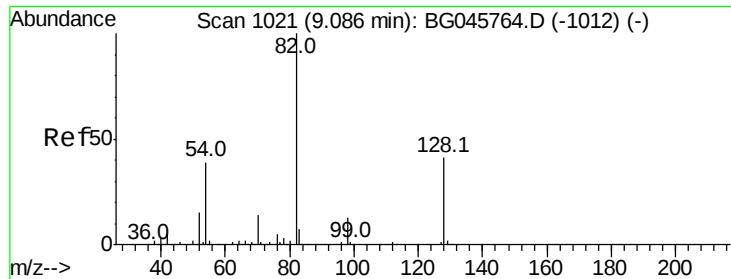
Tot Ion:136	Resp:	202768
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.7	13.1
54 5.8	5.8	8.6
68 4.4	4.0	6.0



#22
Acetophenone
Concen: 39.556 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt	Ion:105	Resp:	220143
Ion	Ratio	Lower	Upper
105	100		
71	3.3	1.8	2.8#
51	31.2	21.9	32.9
120	20.0	17.3	25.9

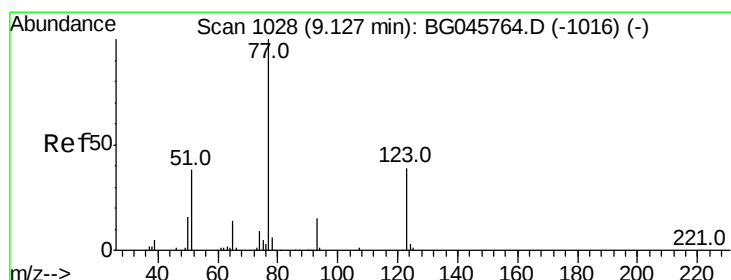
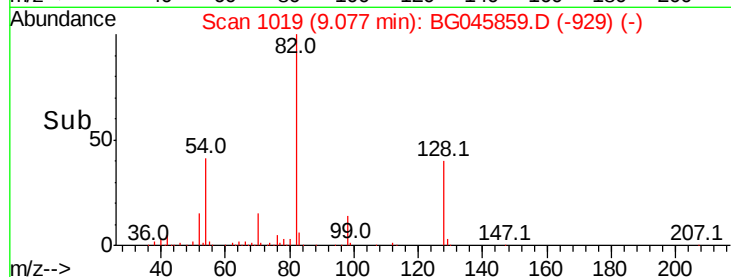
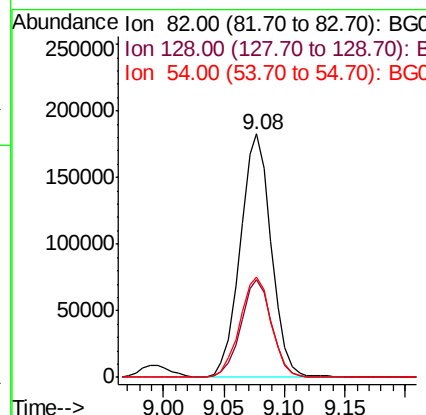
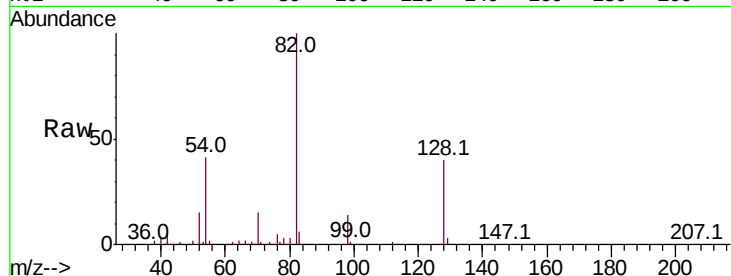




#23
Nitrobenzene-d5
Concen: 73.251 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

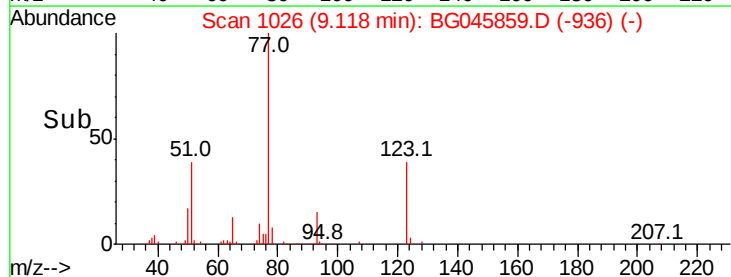
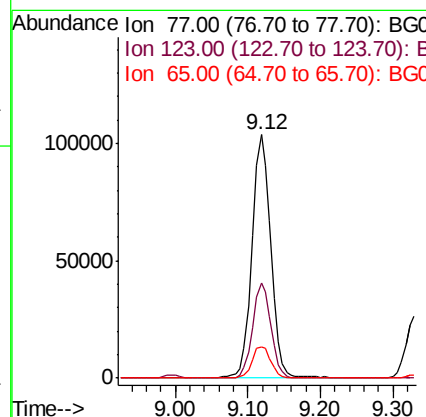
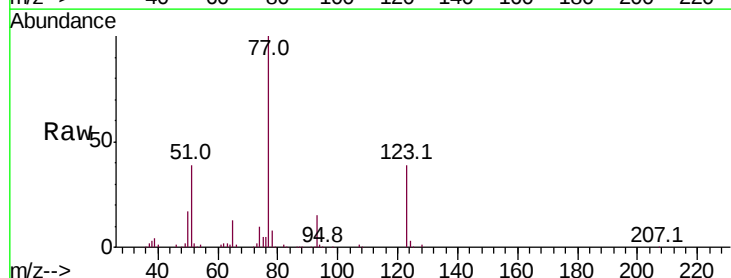
Instrument :
BNA_G
ClientSampleId :
PB129759BS

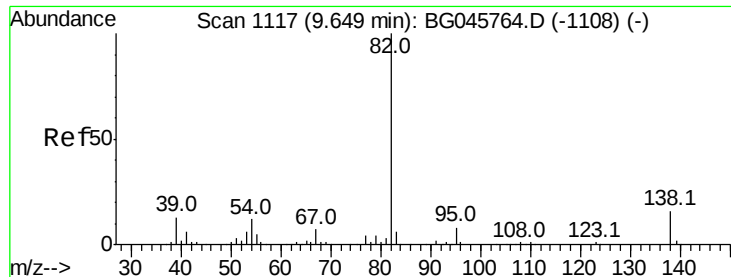
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.5	48.7
54	41.0	31.2	46.8



#24
Nitrobenzene
Concen: 39.520 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.2	46.8
65	12.9	11.4	17.2

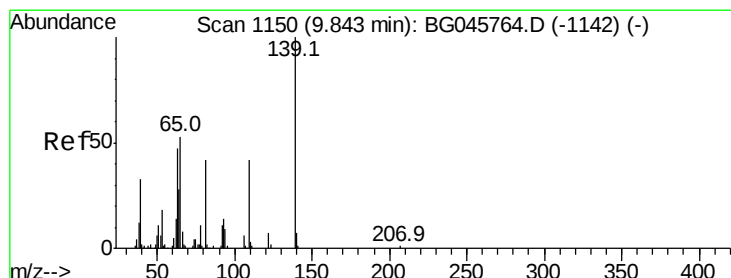
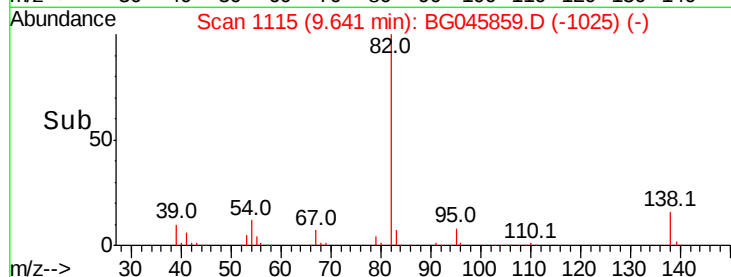
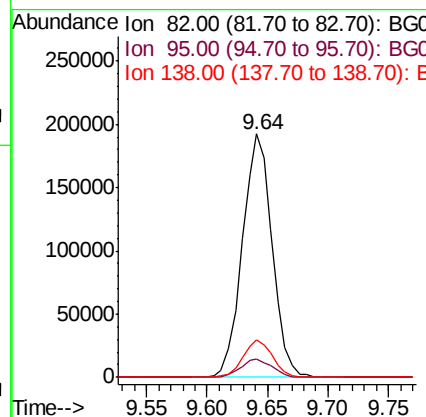
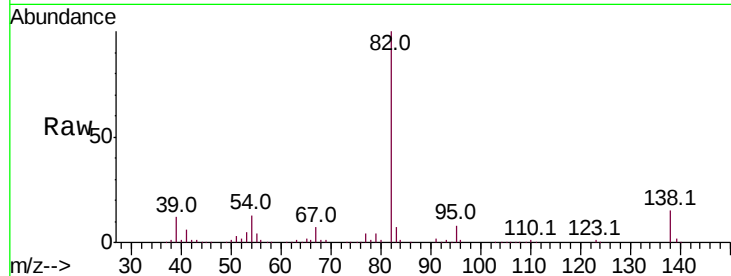




#25
Isophorone
Concen: 38.288 ng
RT: 9.64 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

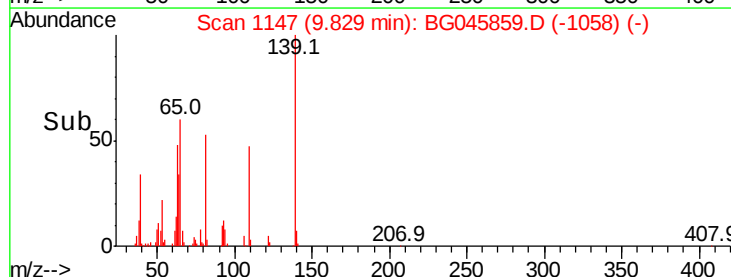
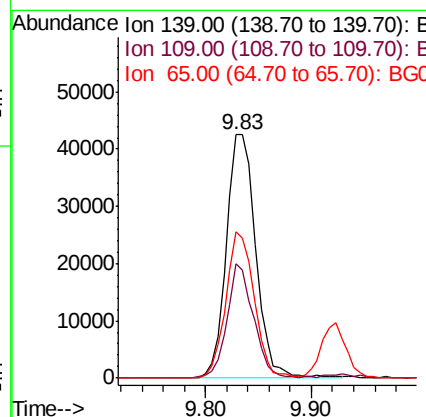
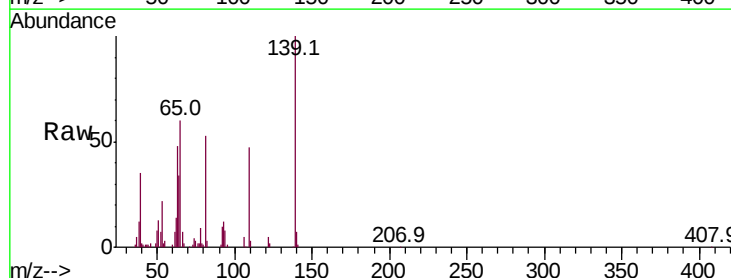
Instrument :
BNA_G
ClientSampleId :
PB129759BS

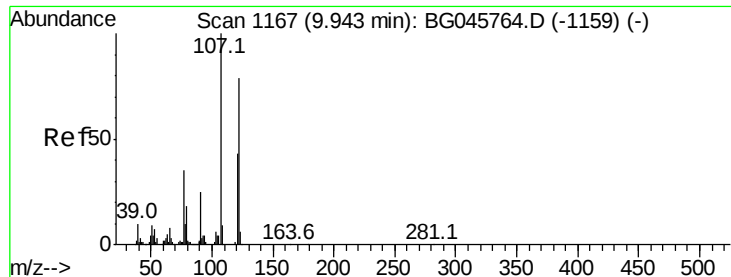
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.4
138	15.5	12.6	18.8



#26
2-Nitrophenol
Concen: 41.541 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	46.8	33.5	50.3
65	60.2	42.2	63.4

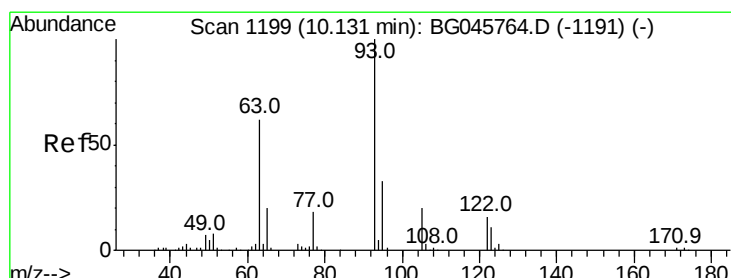
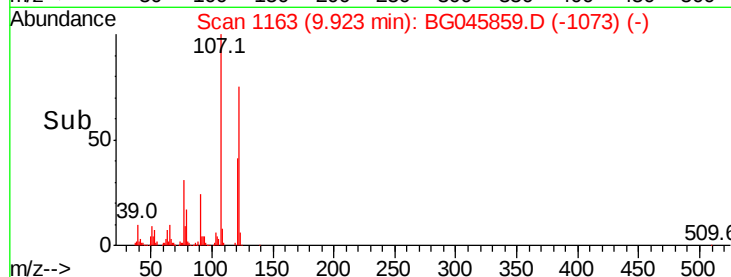
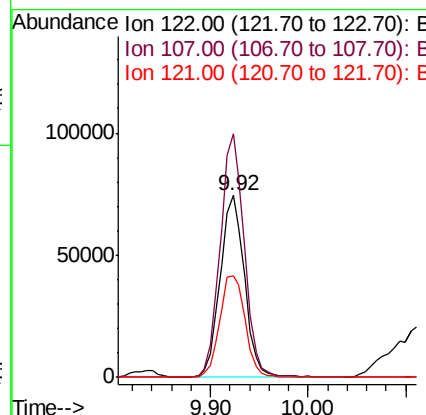
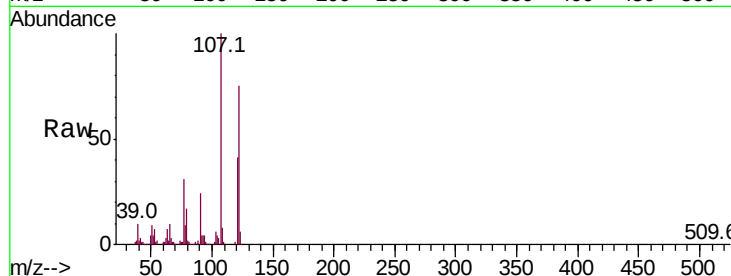




#27
2,4-Dimethylphenol
Concen: 42.860 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

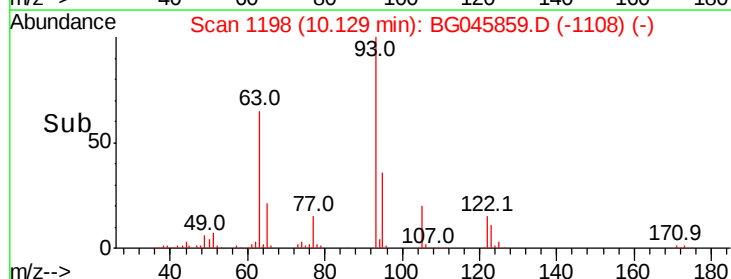
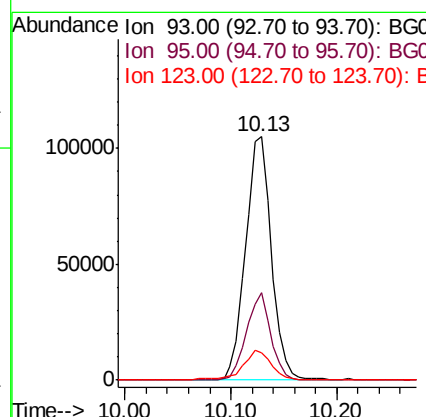
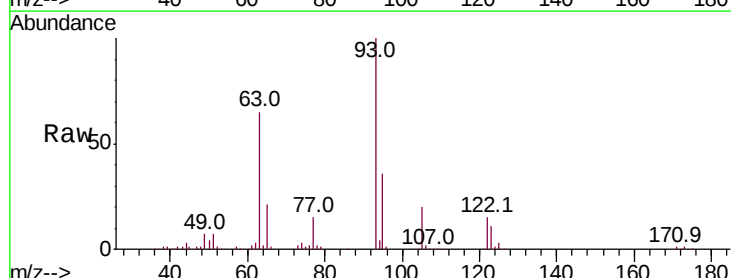
Instrument :
BNA_G
ClientSampleId :
PB129759BS

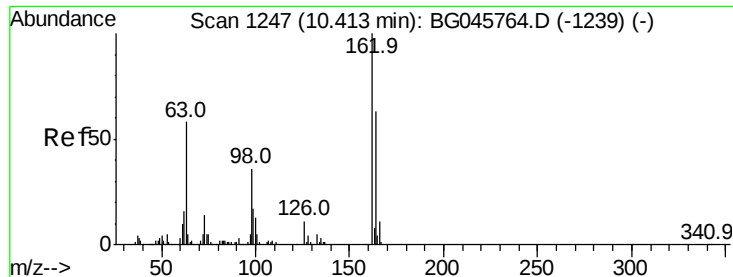
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.9	101.3	151.9
121	55.5	43.9	65.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.649 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.1	26.3	39.5
123	11.3	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 41.186 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

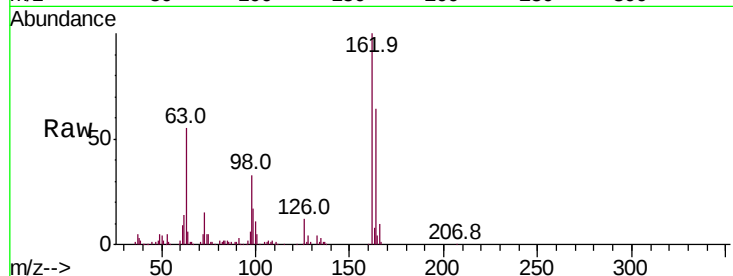
Tot Ion:162 Resp: 144648

Ion Ratio Lower Upper

162 100

164 64.1 43.3 83.3

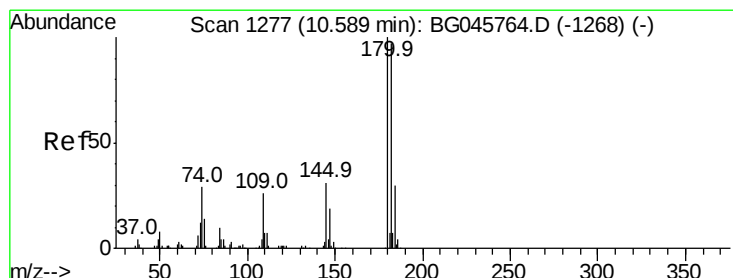
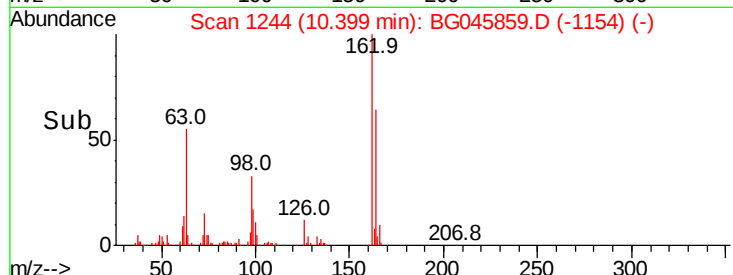
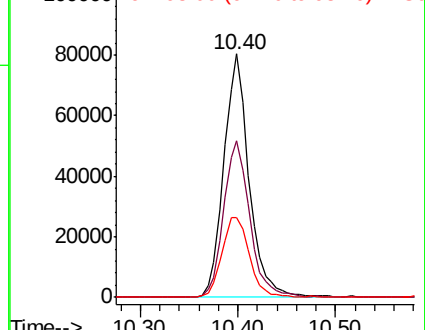
98 32.6 15.5 55.5



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: 40.066 ng

RT: 10.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

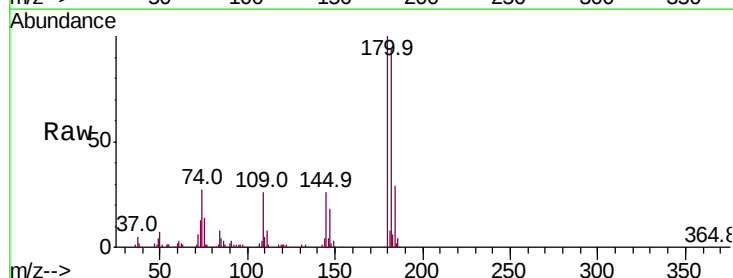
Tgt Ion:180 Resp: 166584

Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

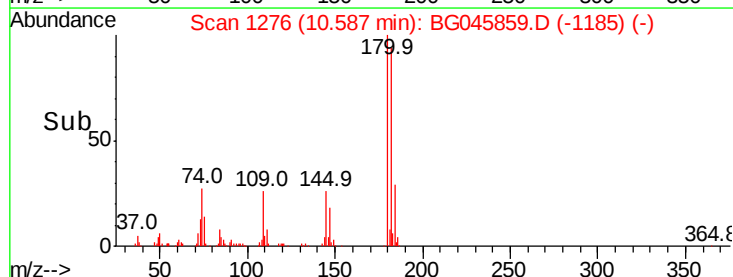
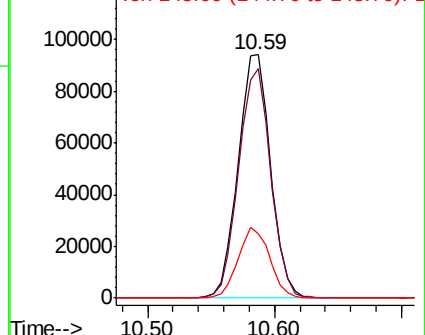
145 26.4 24.5 36.7

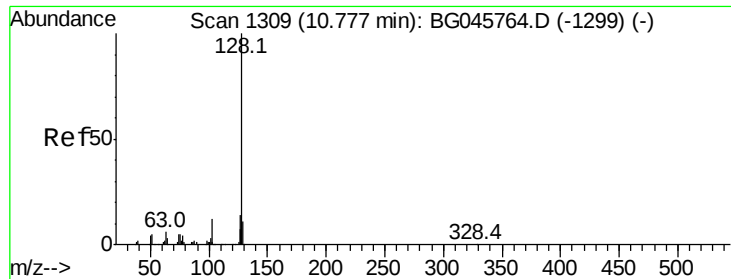


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

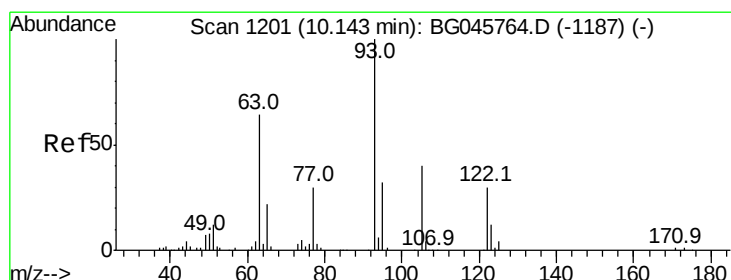
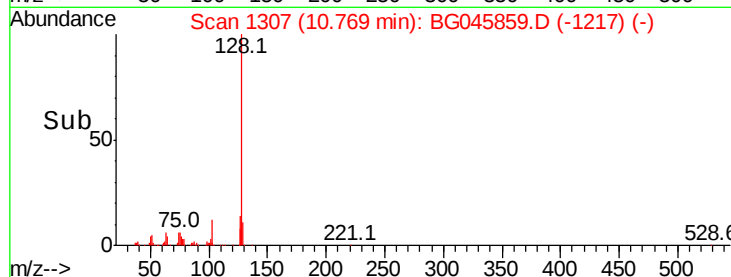
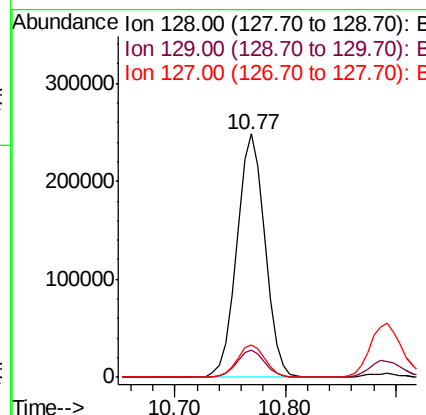
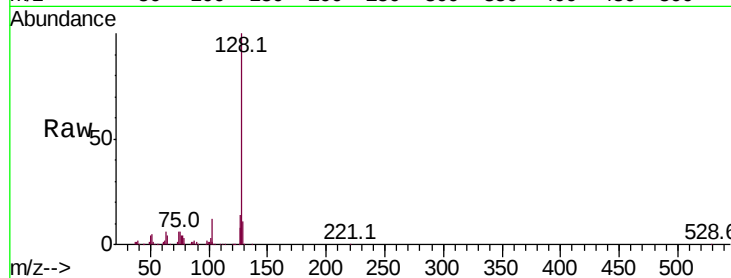




#31
Naphthalene
Concen: 39.995 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

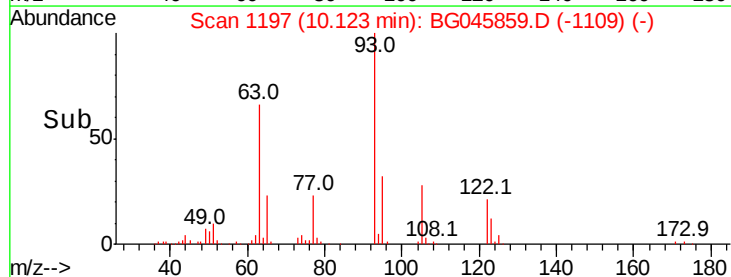
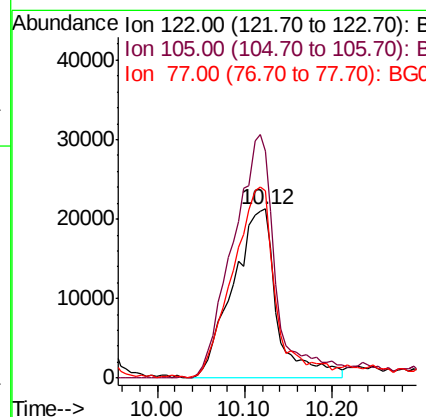
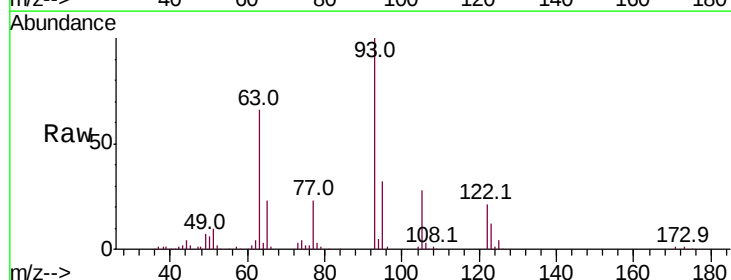
Instrument :
BNA_G
ClientSampleId :
PB129759BS

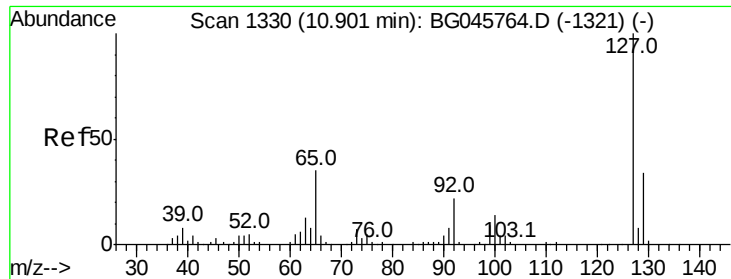
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.5	10.9	16.3



#32
Benzoic acid
Concen: 39.487 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	112.9	152.9
77	111.0	79.2	119.2

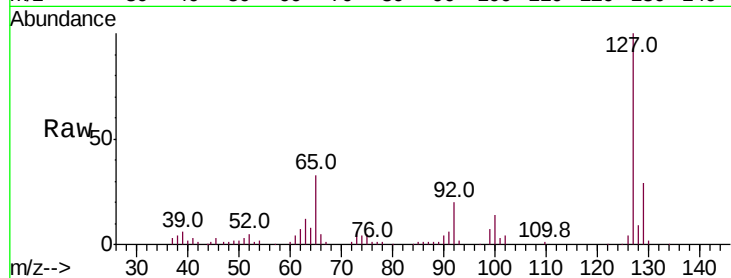




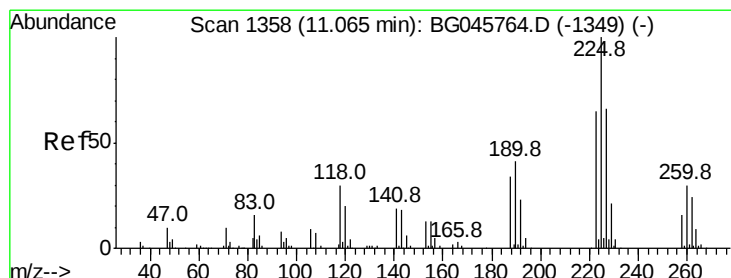
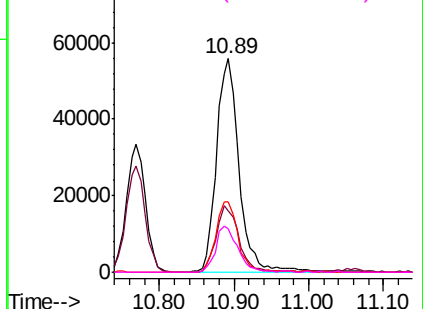
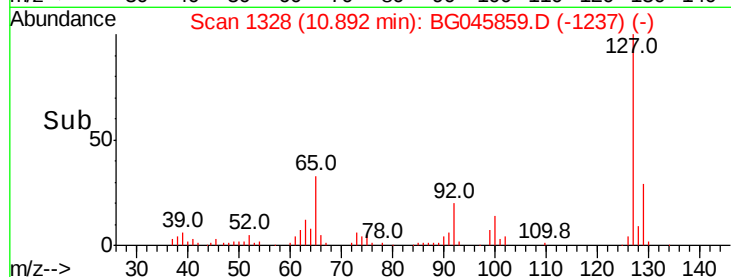
#33
4-Chloroaniline
Concen: 25.296 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion:127 Resp: 117433
Ion Ratio Lower Upper
127 100
129 28.6 26.8 40.2
65 32.9 27.8 41.8
92 20.3 17.3 25.9

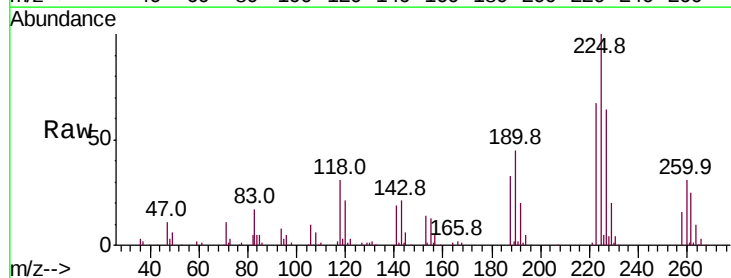


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

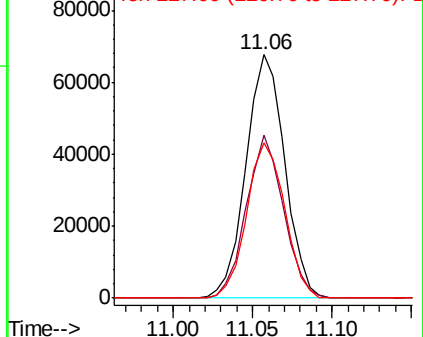
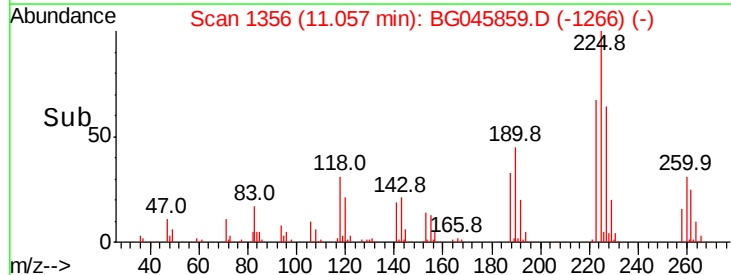


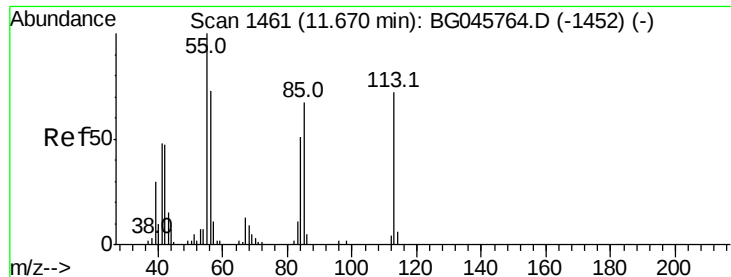
#34
Hexachlorobutadiene
Concen: 38.923 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion:225 Resp: 115092
Ion Ratio Lower Upper
225 100
223 67.1 52.0 78.0
227 64.0 52.5 78.7



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





#35

Caprolactam

Concen: 22.495 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

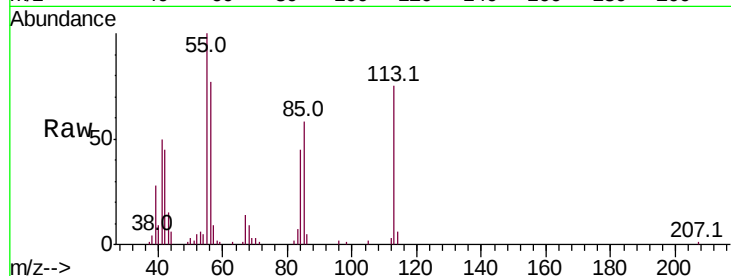
Tot Ion:113 Resp: 25565

Ion Ratio Lower Upper

113 100

55 133.7 119.7 159.7

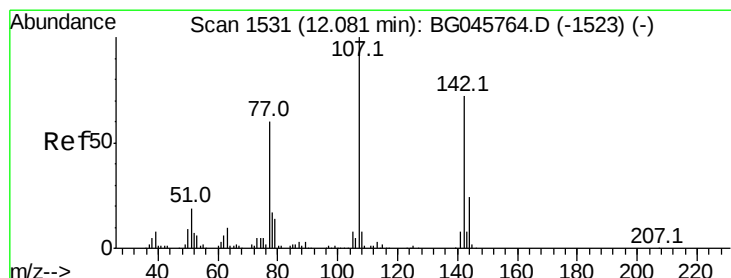
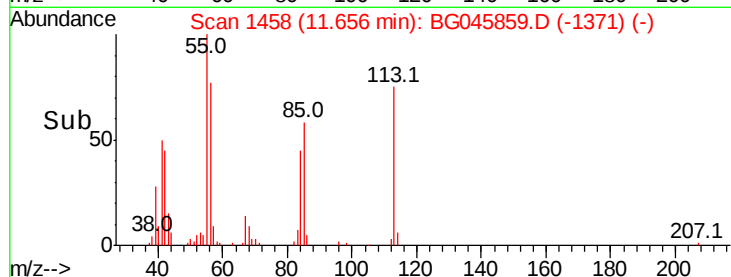
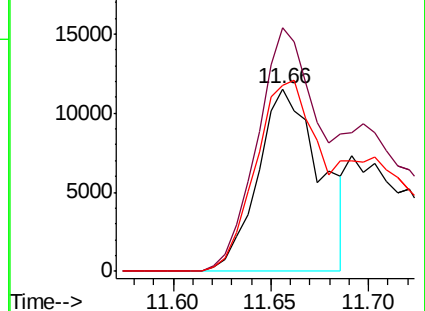
56 102.4 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.516 ng

RT: 12.06 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

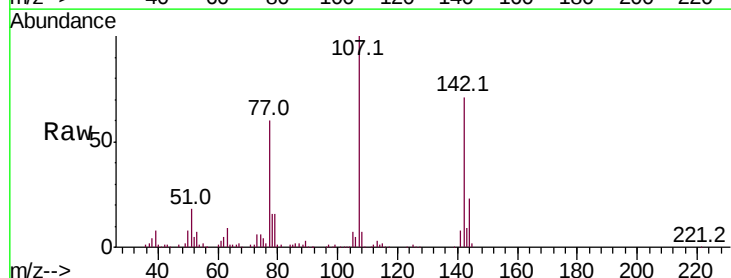
Tgt Ion:107 Resp: 164294

Ion Ratio Lower Upper

107 100

144 22.7 19.5 29.3

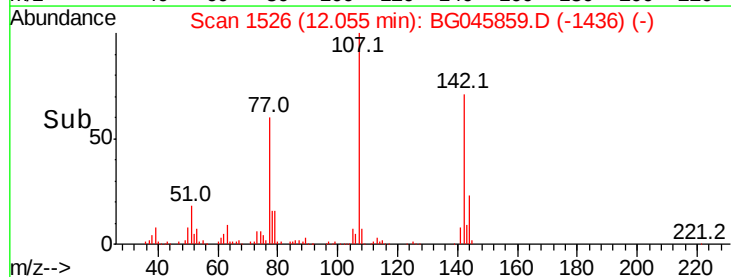
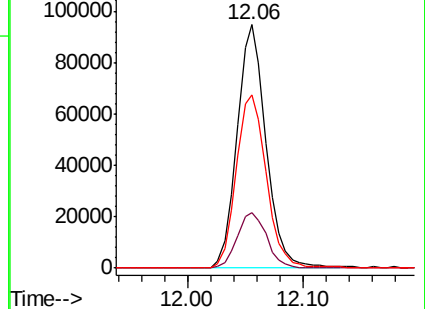
142 71.3 57.4 86.0

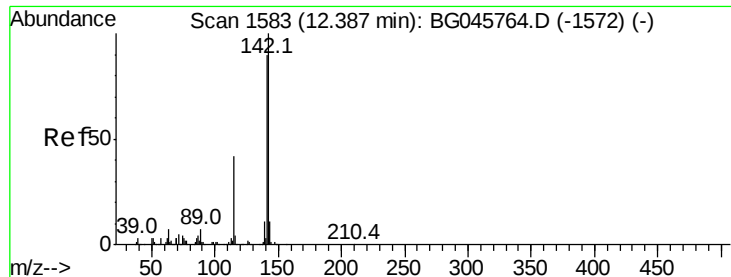


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

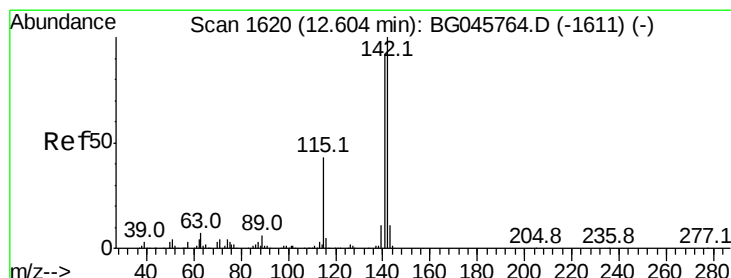
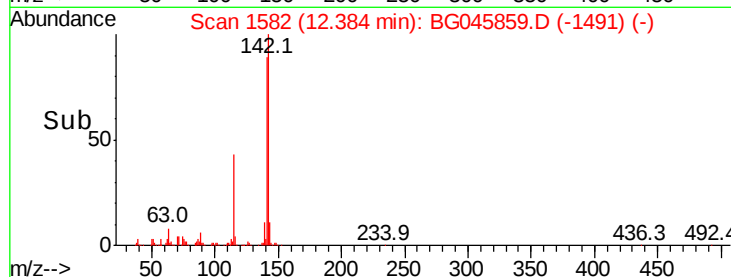
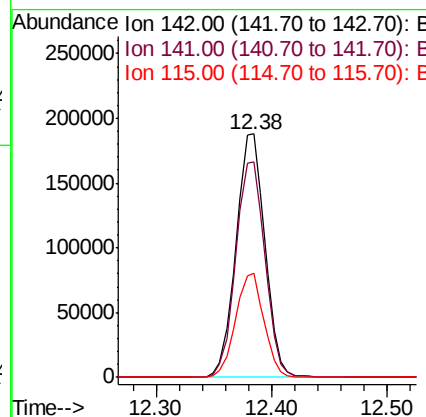
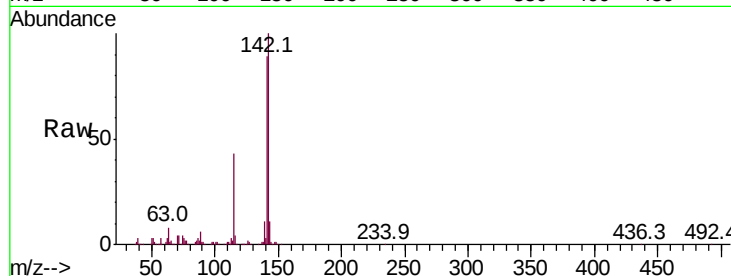




#37
2-Methylnaphthalene
Concen: 39.527 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

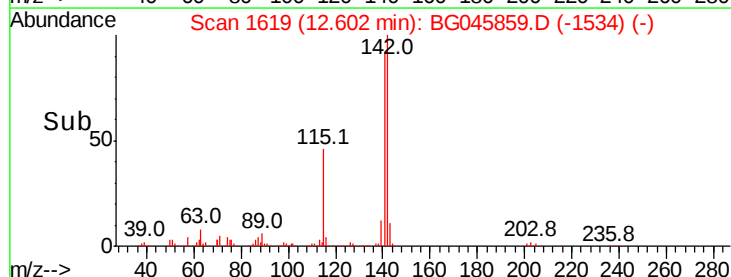
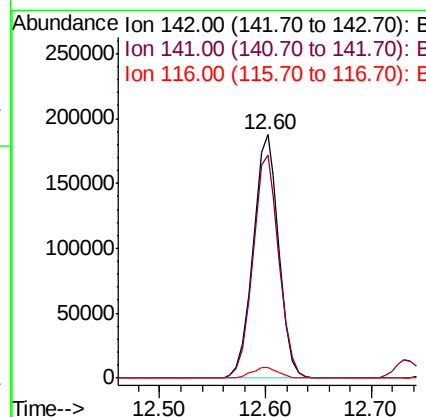
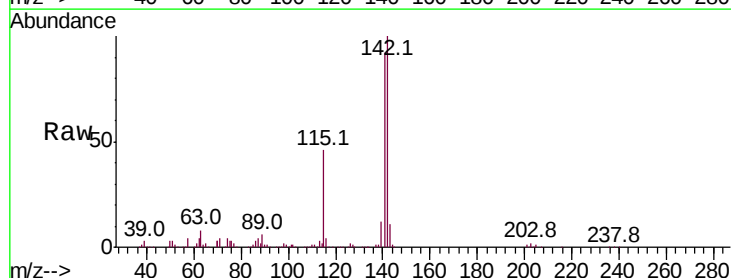
Instrument :
BNA_G
ClientSampleId :
PB129759BS

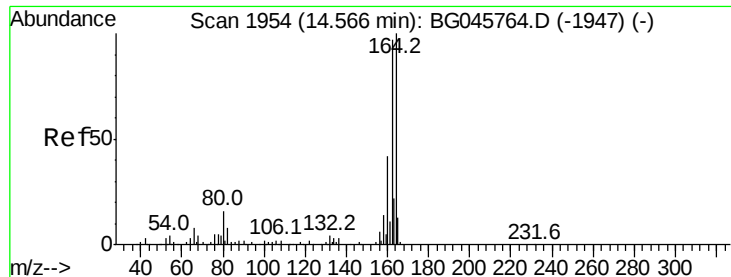
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.7	107.5
115	42.9	33.8	50.6



#38
1-Methylnaphthalene
Concen: 40.155 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
116	4.4	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

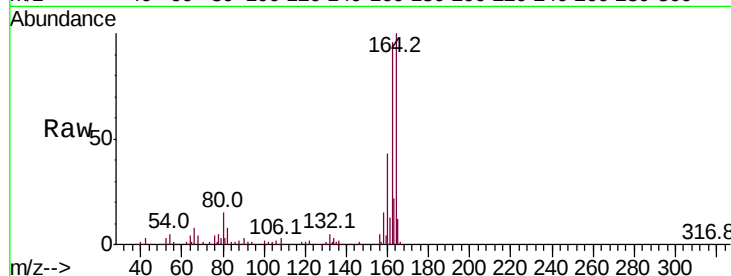
Tot Ion:164 Resp: 137842

Ion Ratio Lower Upper

164 100

162 95.8 77.4 116.0

160 42.7 33.3 49.9

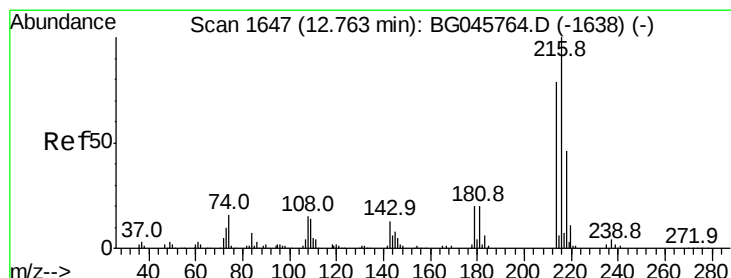
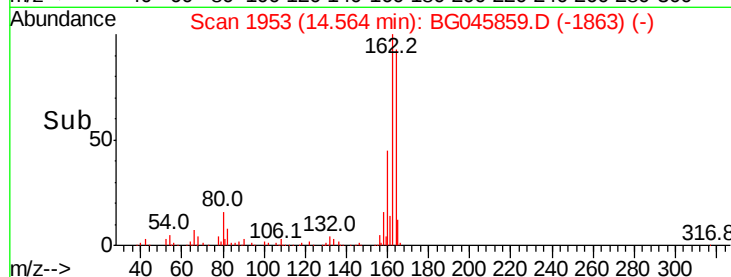
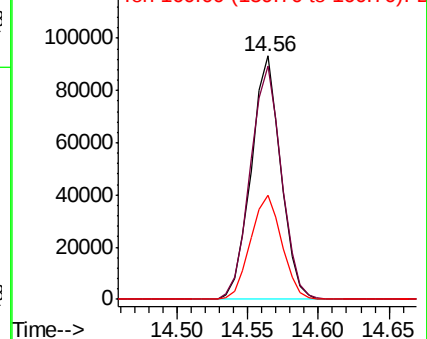


Abundance

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: 41.317 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Tgt Ion:216 Resp: 187528

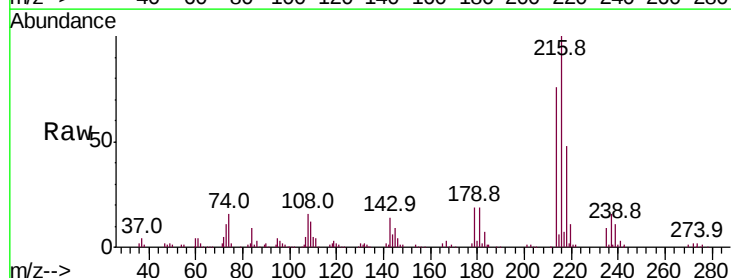
Ion Ratio Lower Upper

216 100

214 77.8 62.8 94.2

179 20.5 16.2 24.4

108 19.4 13.4 20.2



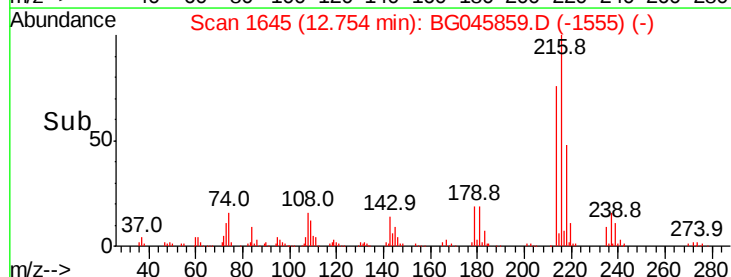
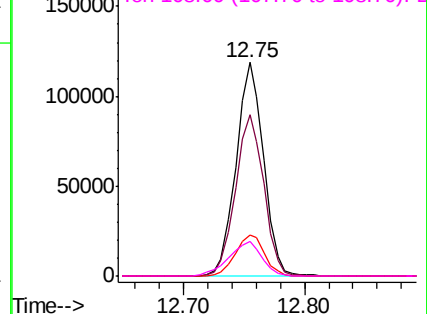
Abundance

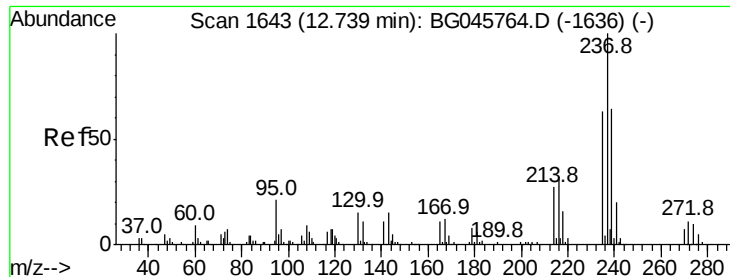
Ion 216.00 (215.70 to 216.70): E

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: 84.217 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

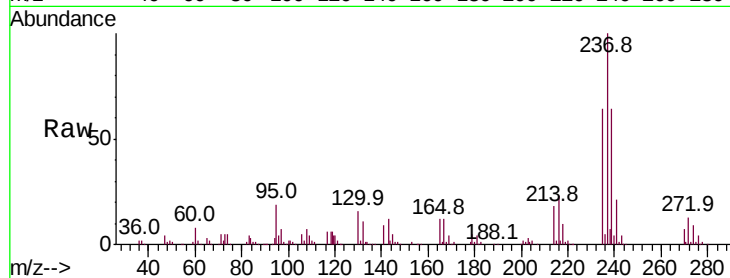
Tot Ion:237 Resp: 212383

Ion Ratio Lower Upper

237 100

235 64.2 42.9 82.9

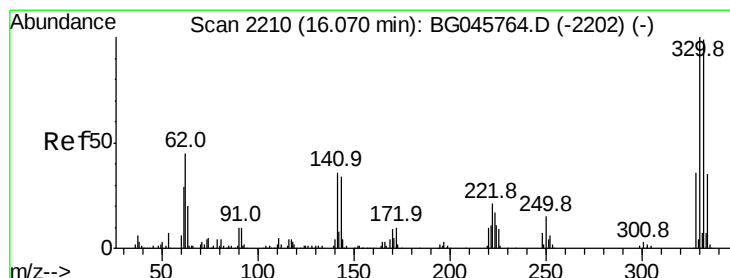
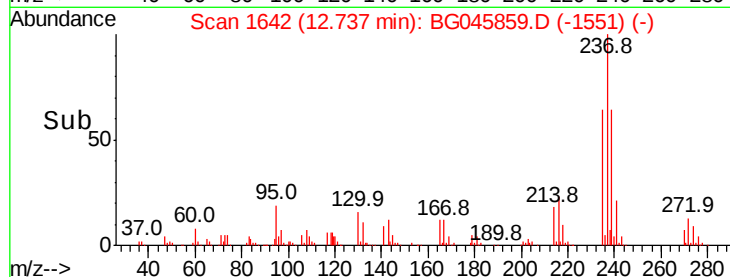
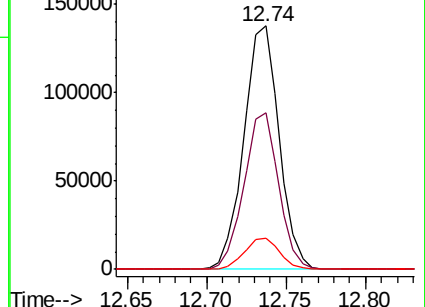
272 12.6 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.277 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

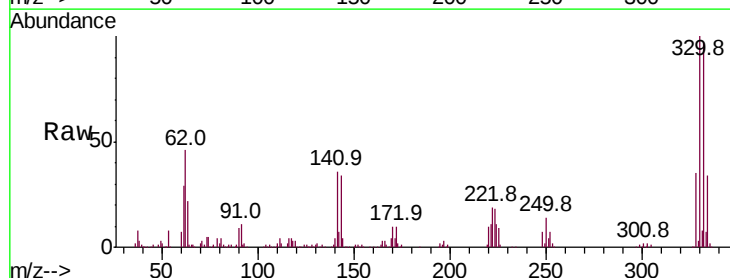
Tgt Ion:330 Resp: 231573

Ion Ratio Lower Upper

330 100

332 96.0 78.6 117.8

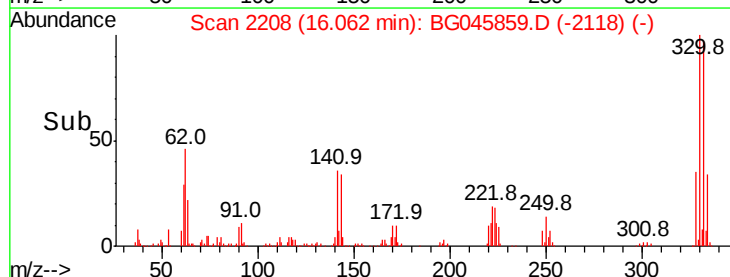
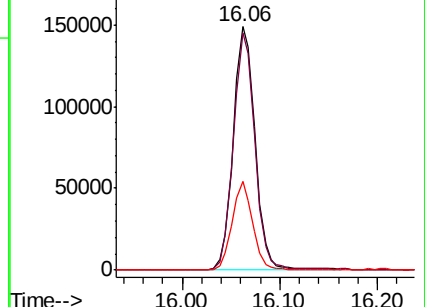
141 34.3 28.2 42.4

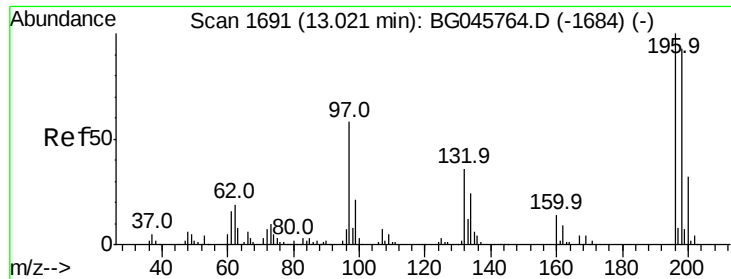


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

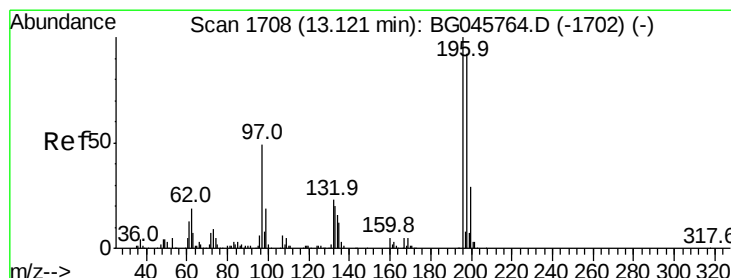
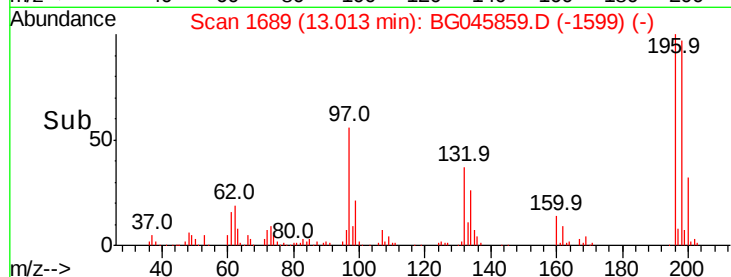
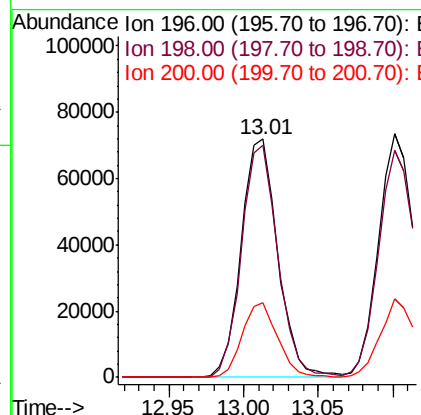
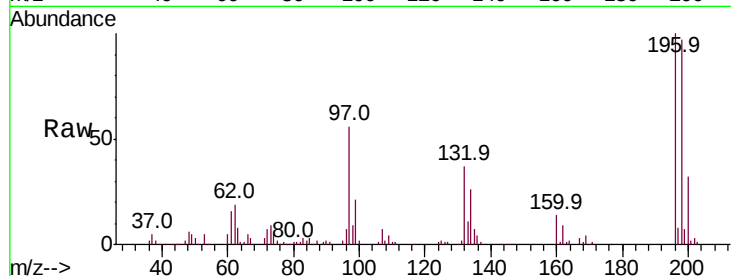




#43
 2,4,6-Trichlorophenol
 Concen: 39.782 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

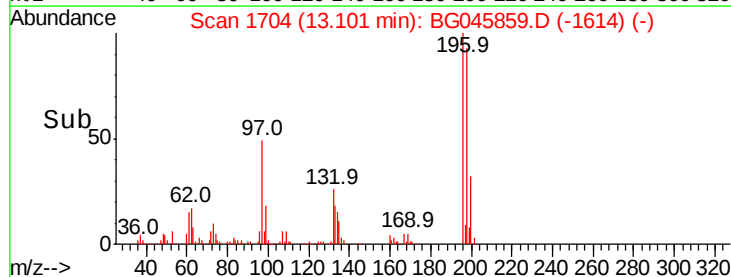
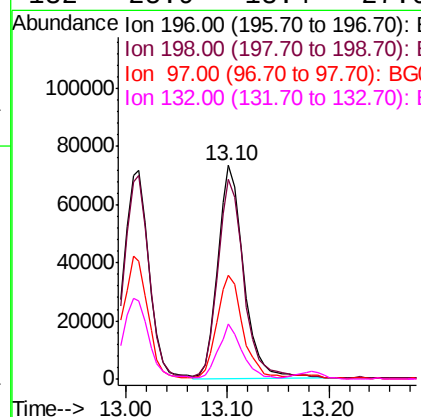
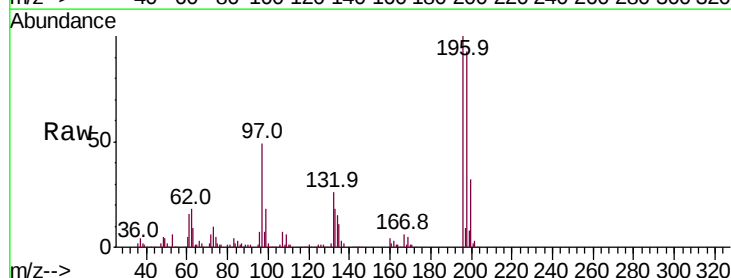
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

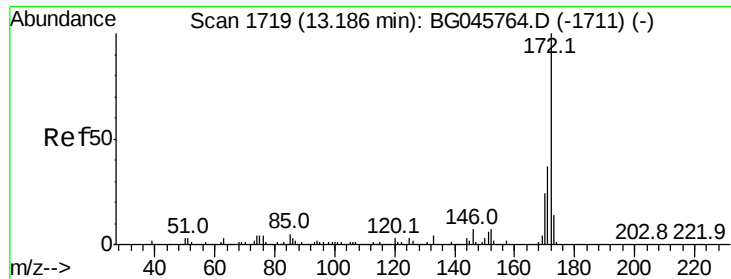
Tot Ion:196 Resp: 122421
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.4 111.6
 200 31.5 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 36.940 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion:196 Resp: 129559
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.0 111.0
 97 48.8 39.0 58.6
 132 25.9 18.4 27.6

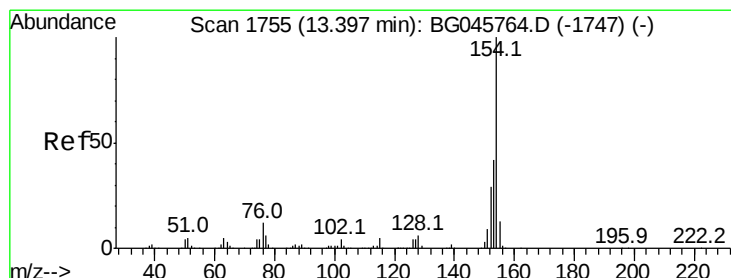
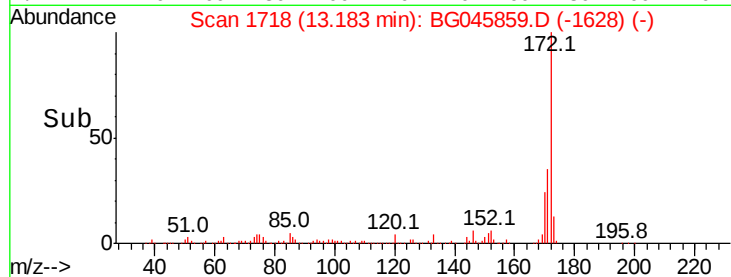
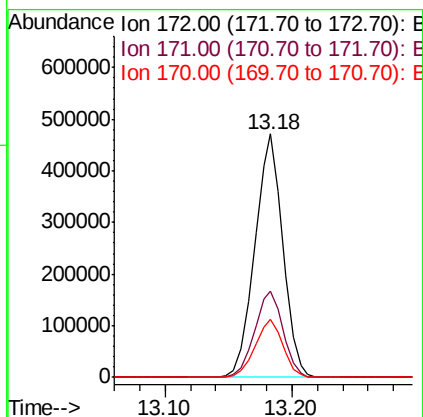
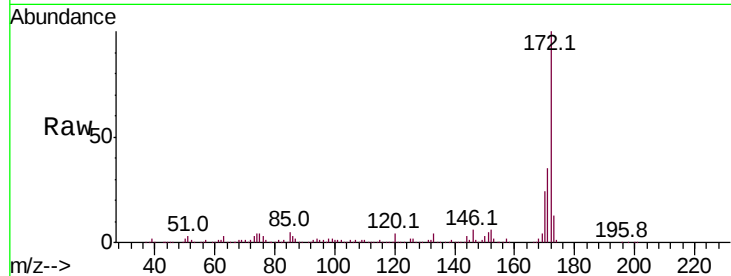




#45
 2-Fluorobiphenyl
 Concen: 77.019 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

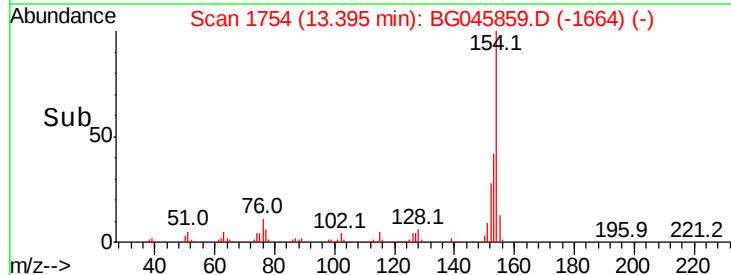
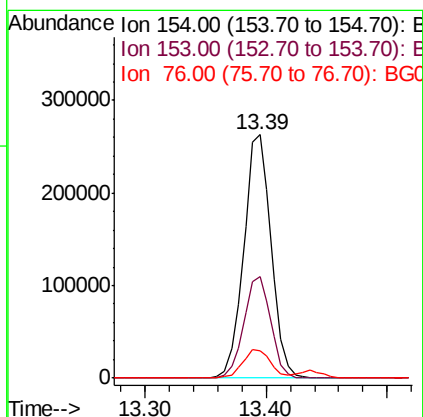
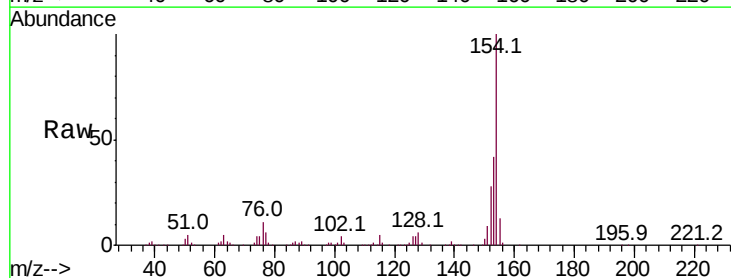
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

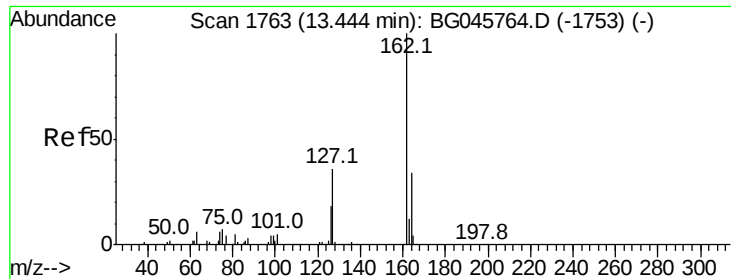
Tot Ion:172 Resp: 722422
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 23.8 19.3 28.9



#46
 1,1'-Biphenyl
 Concen: 41.976 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion:154 Resp: 414247
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.7 61.7
 76 11.3 0.0 32.0

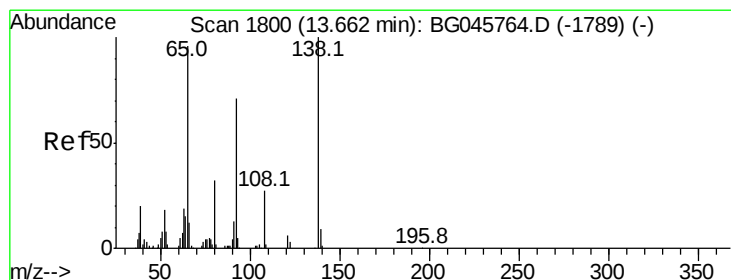
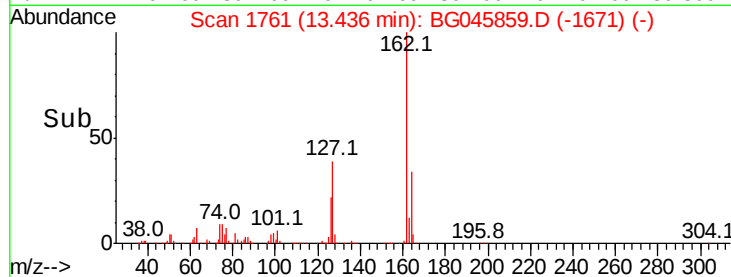
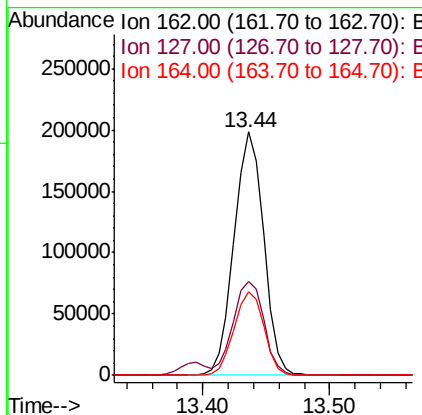
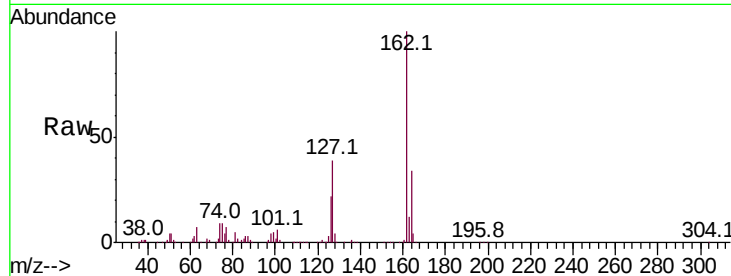




#47
 2-Chloronaphthalene
 Concen: 40.325 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

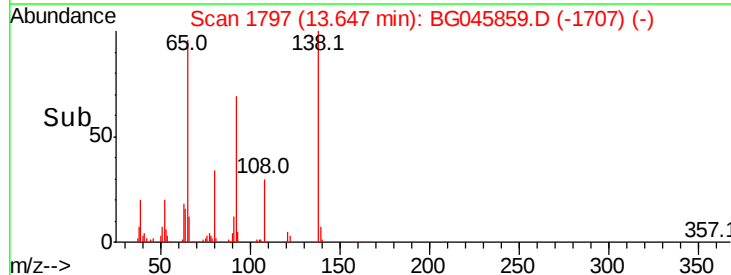
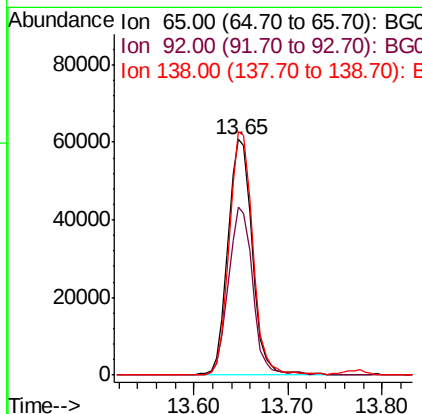
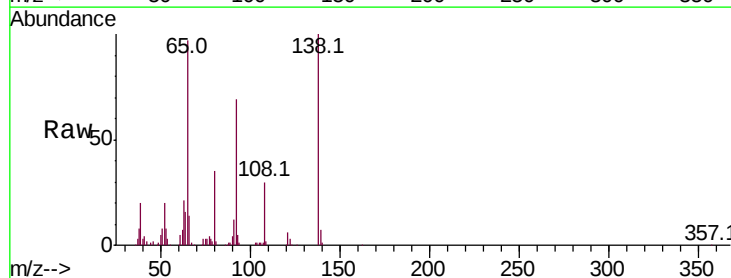
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

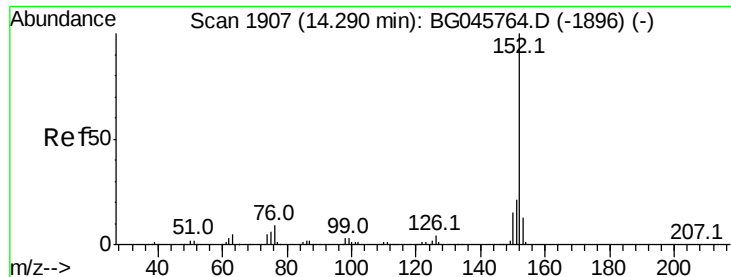
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.5	45.7
164	34.5	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.165 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	59.0	88.6
138	103.2	83.6	125.4





#49

Acenaphthylene

Concen: 40.924 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

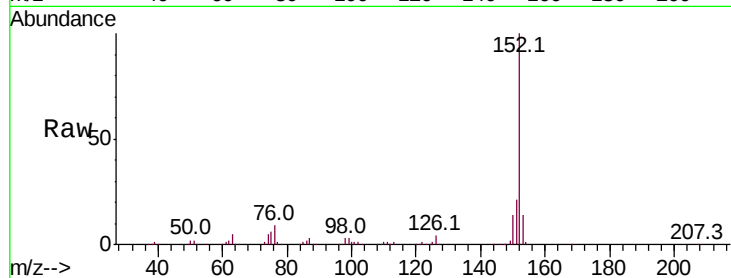
Tot Ion:152 Resp: 522549

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.4

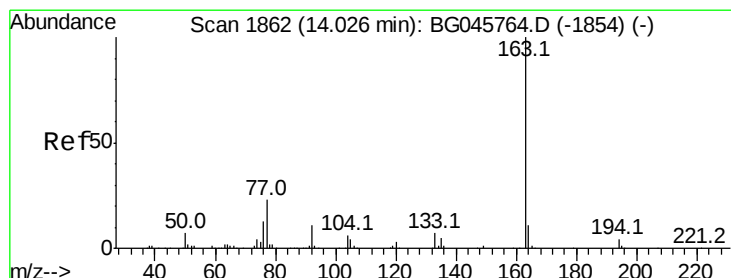
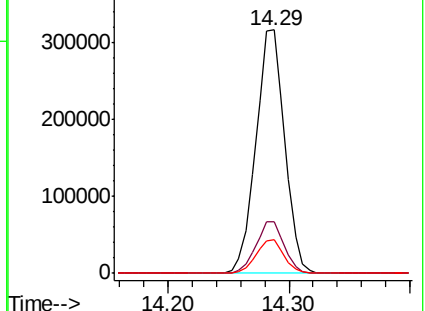
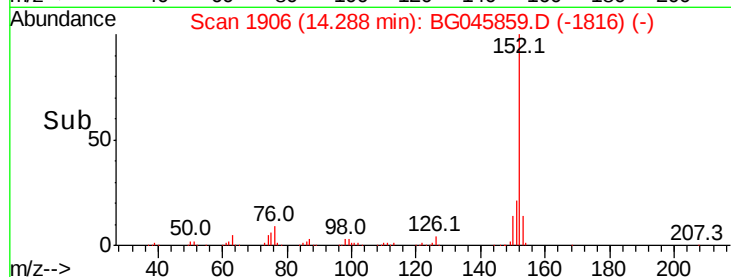
153 13.7 10.6 15.8



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: 40.033 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

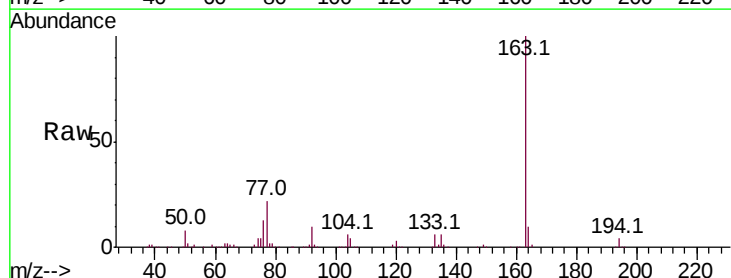
Tgt Ion:163 Resp: 432298

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

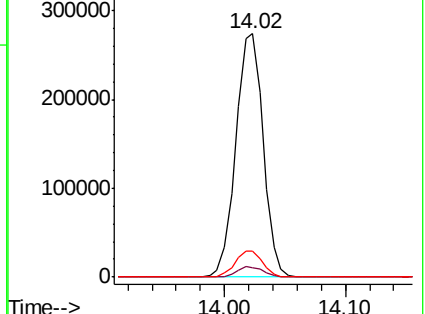
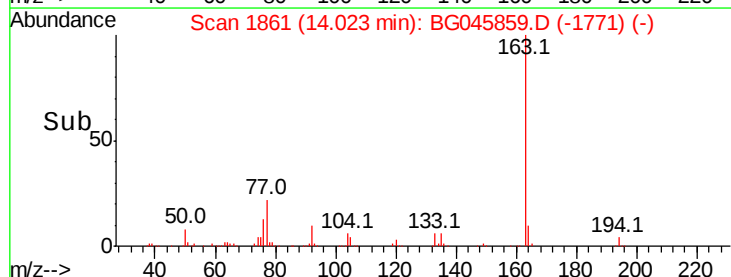
164 10.5 8.9 13.3

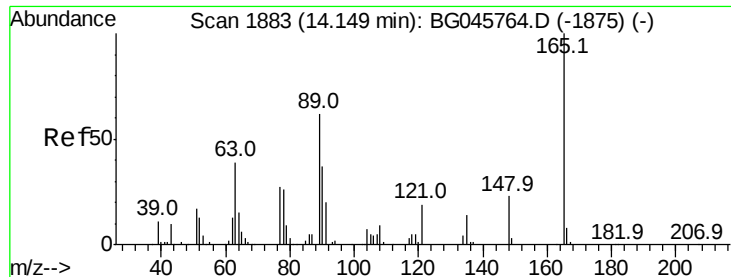


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

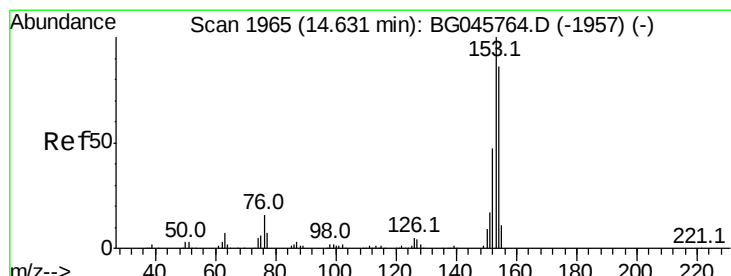
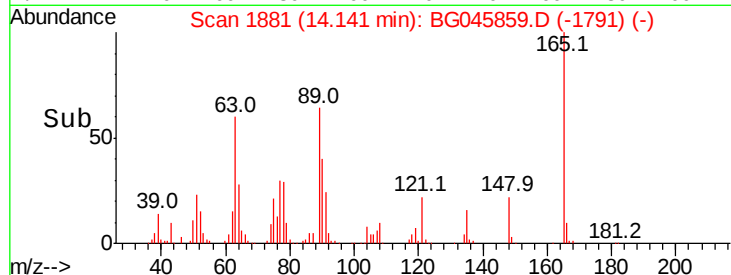
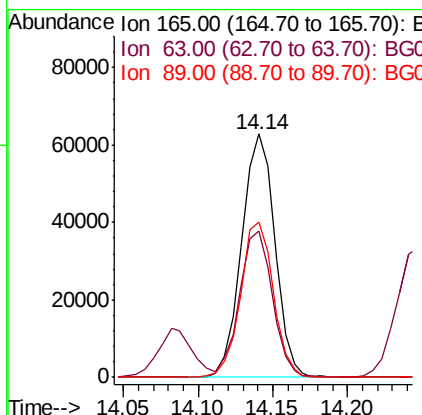
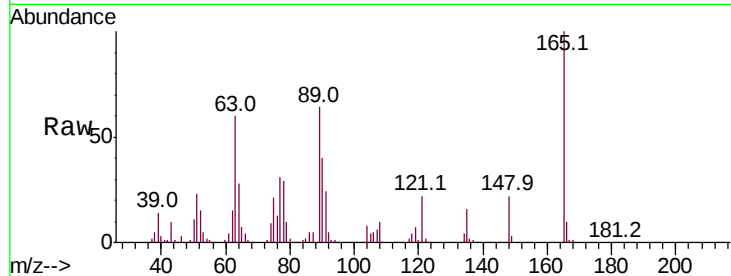




#51
 2,6-Dinitrotoluene
 Concen: 39.885 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

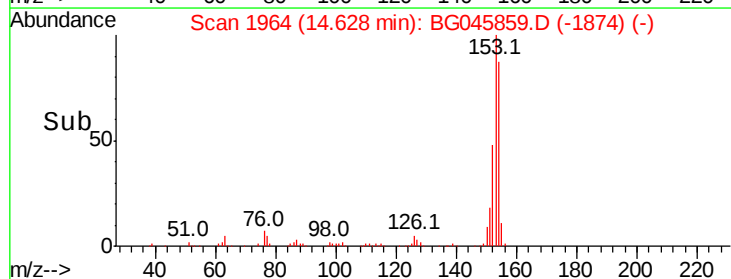
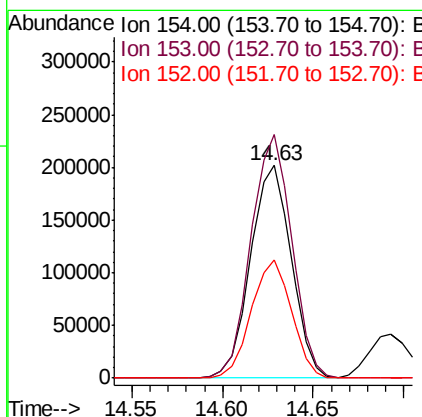
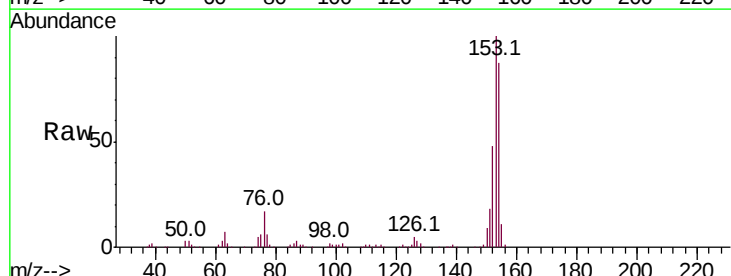
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

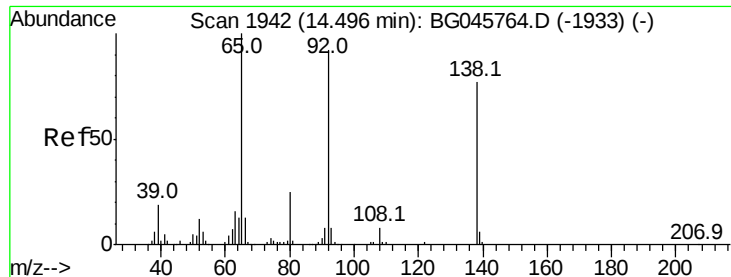
Tot Ion:165	Resp:	96737
Ion Ratio	Lower	Upper
165	100	
63	60.2	41.2 61.8
89	63.8	49.7 74.5



#52
 Acenaphthene
 Concen: 40.895 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion:154	Resp:	316516
Ion Ratio	Lower	Upper
154	100	
153	114.7	93.0 139.4
152	55.5	43.7 65.5





#53

3-Nitroaniline

Concen: 27.889 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

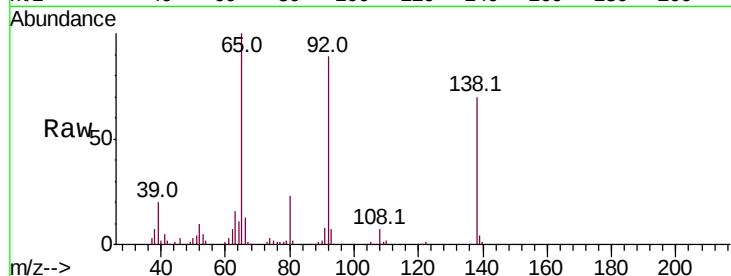
Tot Ion:138 Resp: 67563

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

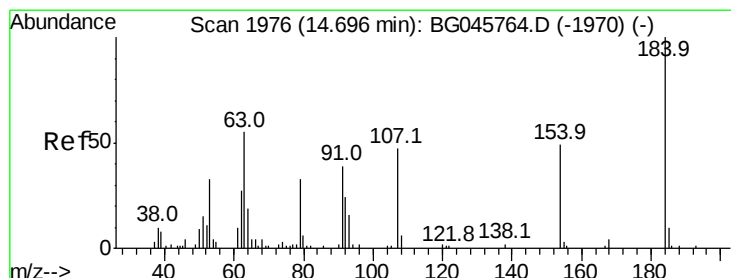
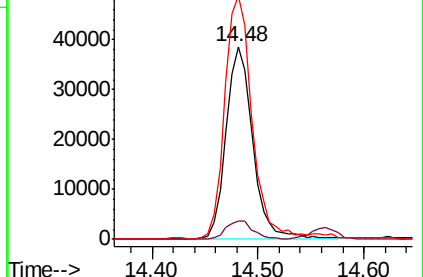
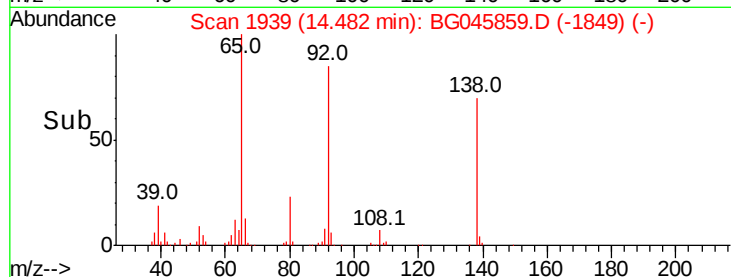
92 126.5 95.6 143.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 82.644 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

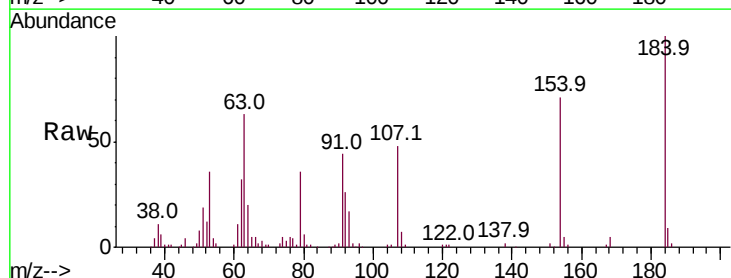
Tgt Ion:184 Resp: 111986

Ion Ratio Lower Upper

184 100

63 63.3 46.6 70.0

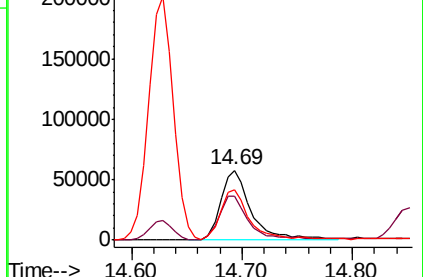
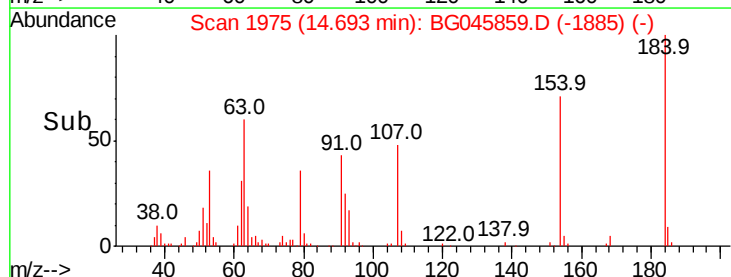
154 71.4 58.6 87.8

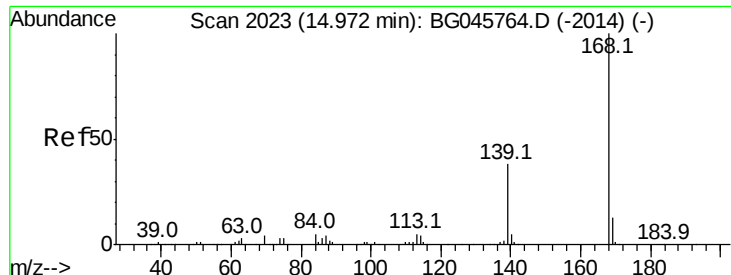


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

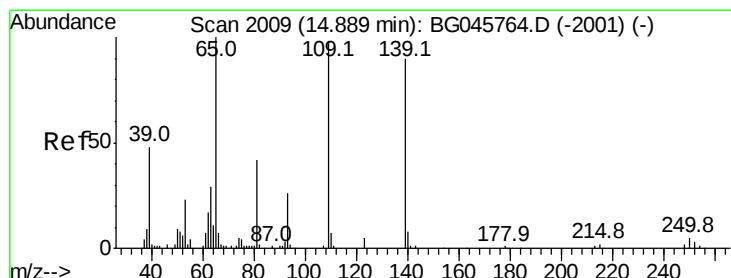
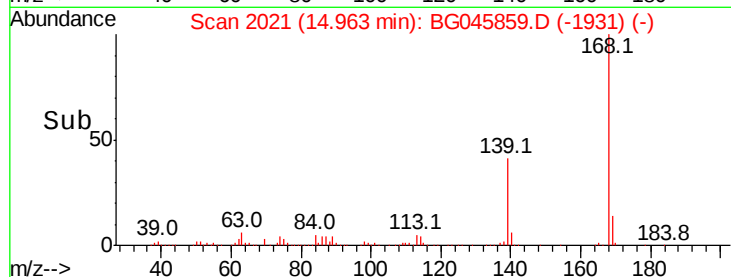
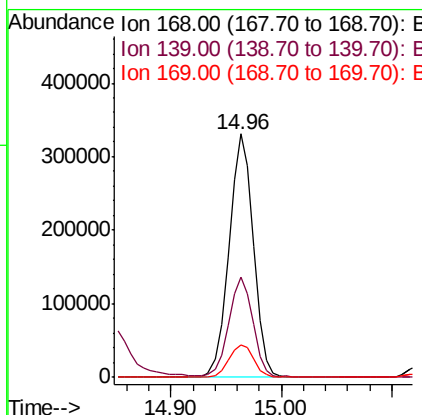
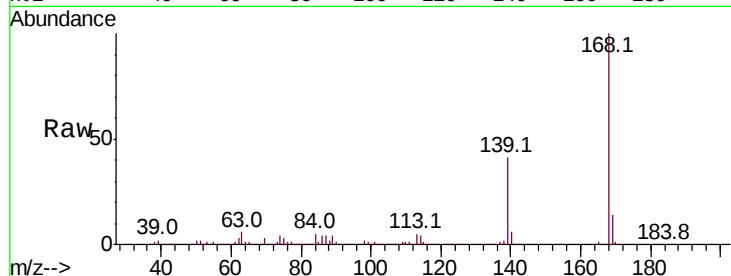




#55
Dibenzofuran
Concen: 40.501 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

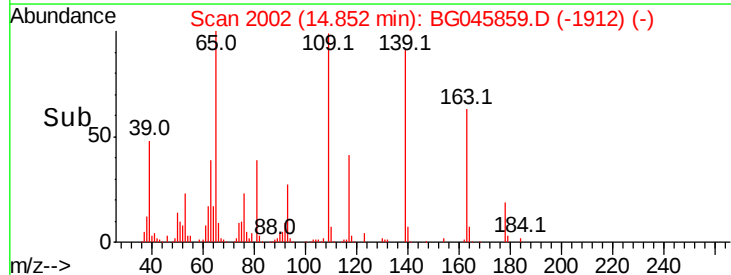
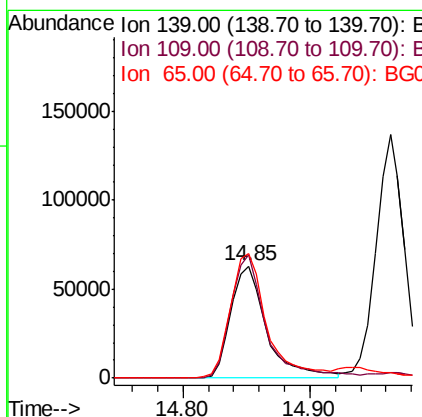
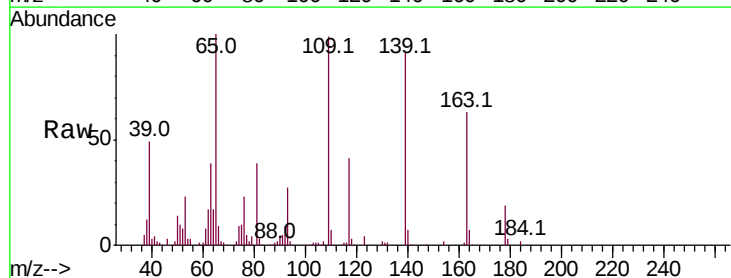
Instrument :
BNA_G
ClientSampleId :
PB129759BS

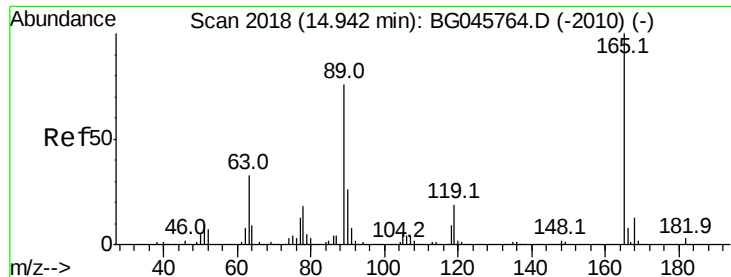
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.8	47.6
169	13.5	10.4	15.6



#56
4-Nitrophenol
Concen: 71.822 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.8	88.9	128.9
65	110.4	92.3	132.3

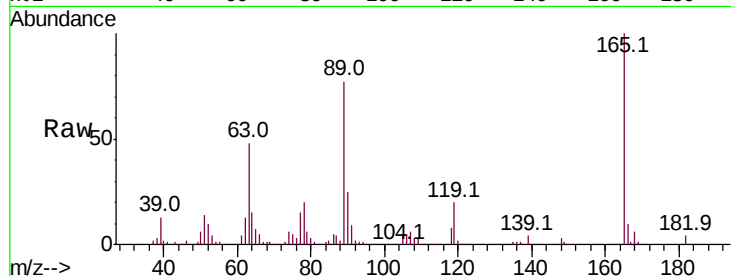




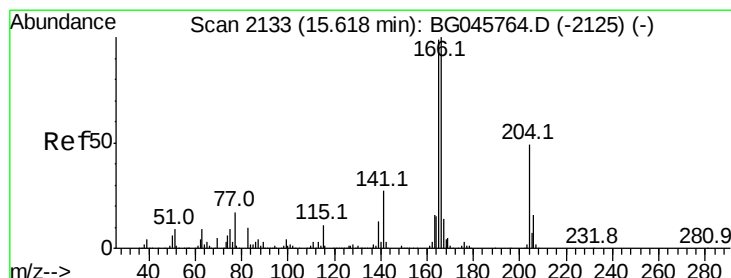
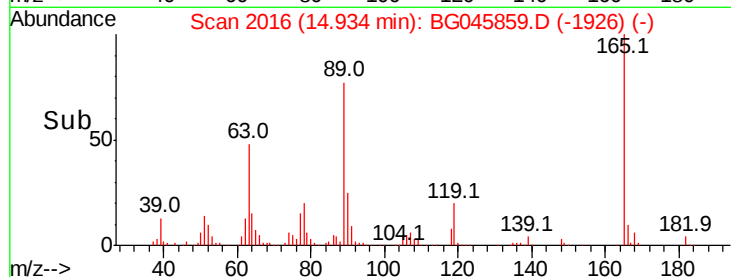
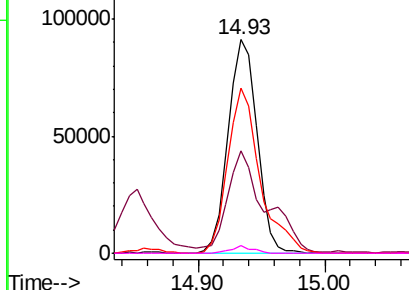
#57
2,4-Dinitrotoluene
Concen: 41.348 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	33.8	50.8
89	77.2	60.4	90.6
182	3.6	2.6	3.8

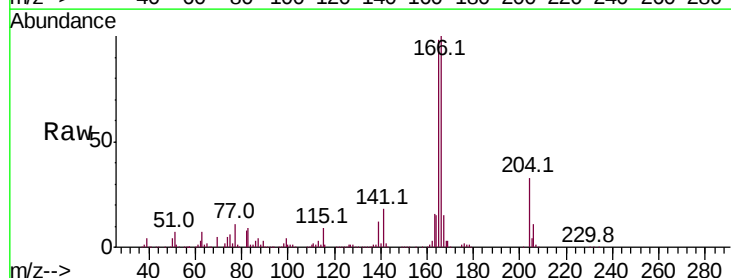


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

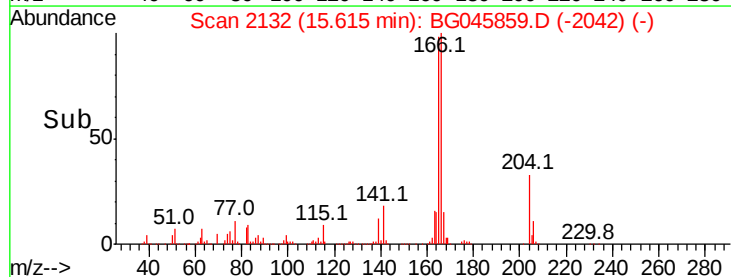
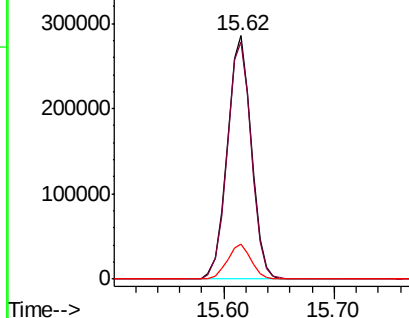


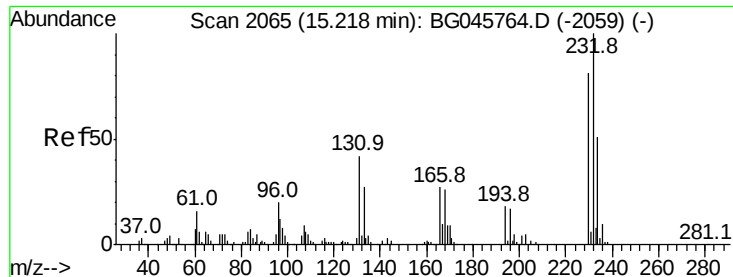
#58
Fluorene
Concen: 41.514 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.1	118.7
167	14.5	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

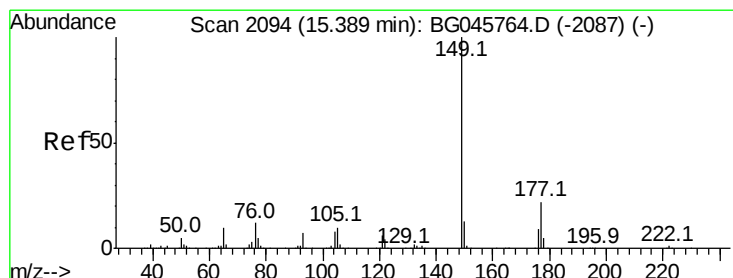
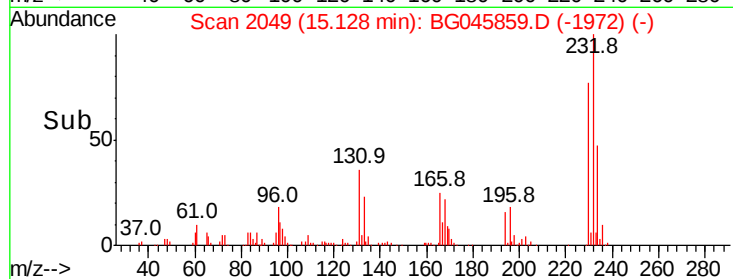
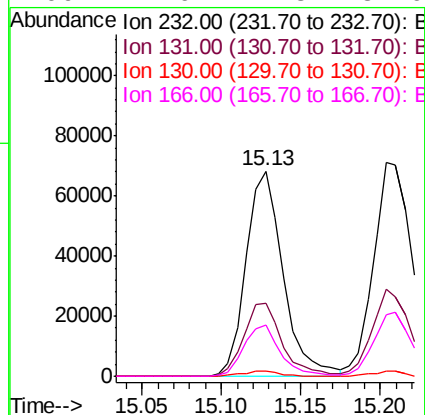
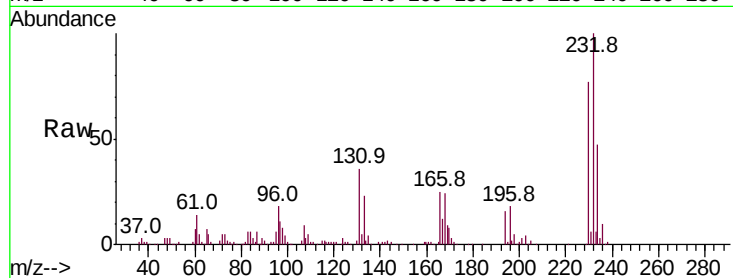




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.470 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.08 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

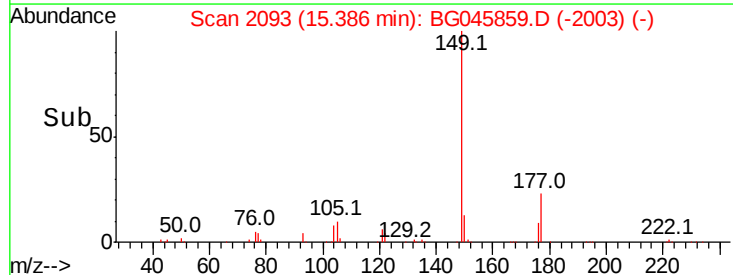
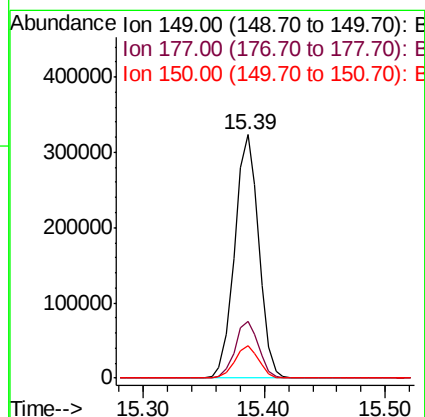
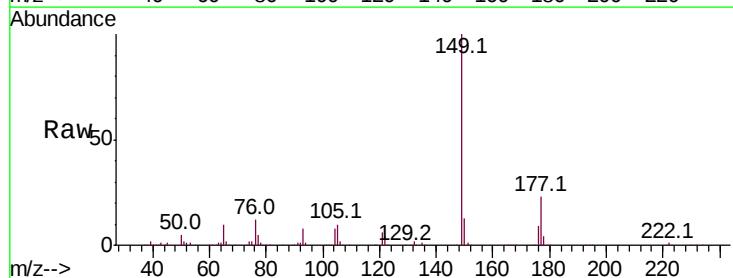
Instrument :
BNA_G
ClientSampleId :
PB129759BS

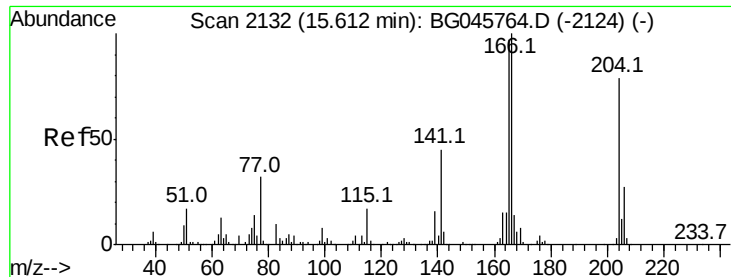
Tot Ion:	232	Resp:	111017
Ion	Ratio	Lower	Upper
232	100		
131	36.9	32.2	48.2
130	2.5	2.2	3.4
166	24.6	21.3	31.9



#60
Diethylphthalate
Concen: 40.647 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion:	149	Resp:	448698
Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.2	25.8
150	13.1	10.7	16.1

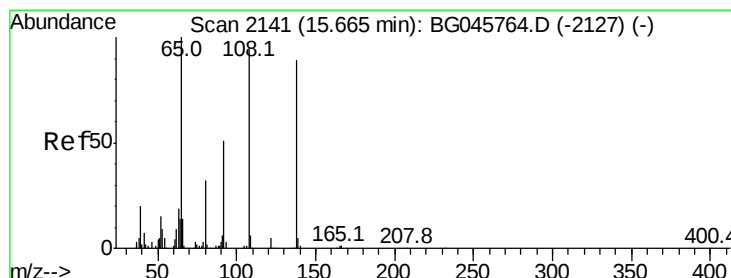
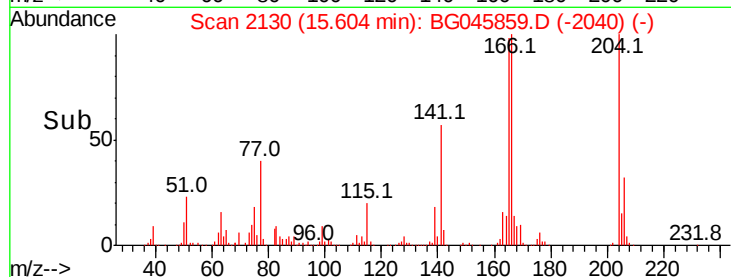
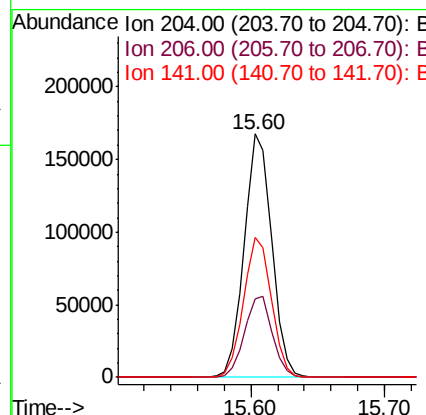
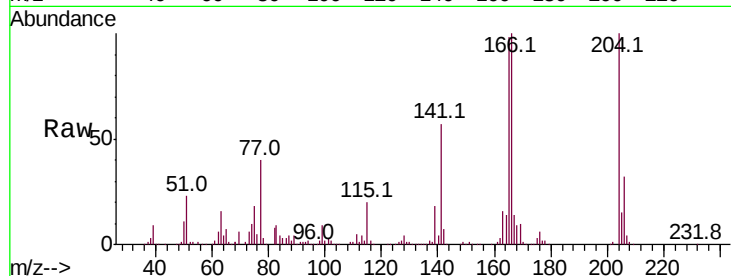




#61
4-Chlorophenyl-phenylether
Concen: 39.508 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

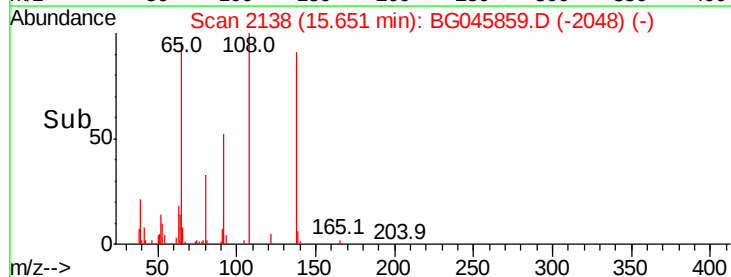
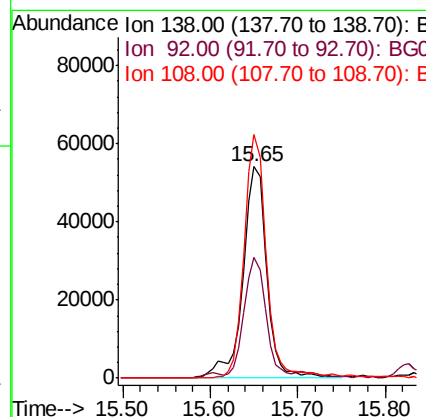
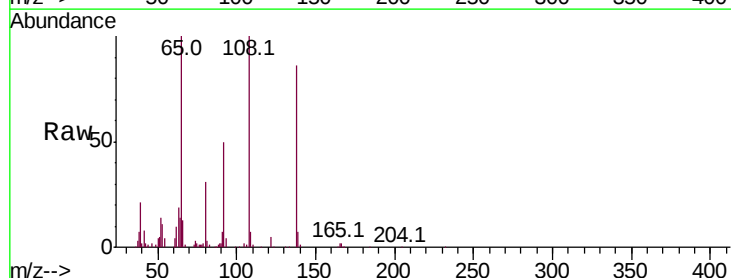
Instrument :
BNA_G
ClientSampleId :
PB129759BS

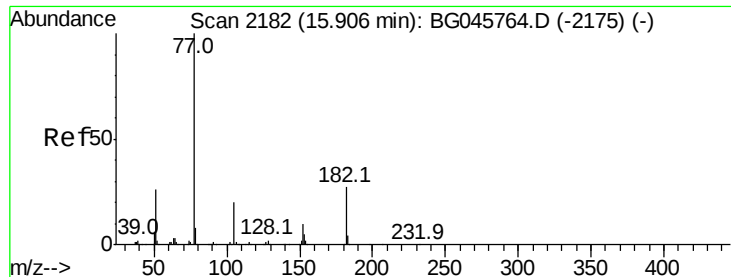
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.2	40.8
141	57.4	45.9	68.9



#62
4-Nitroaniline
Concen: 40.192 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	37.3	77.3
108	115.2	85.0	125.0

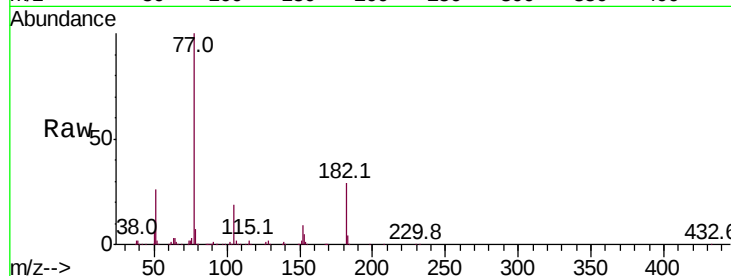




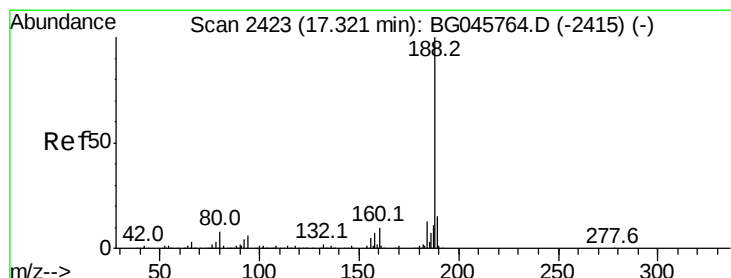
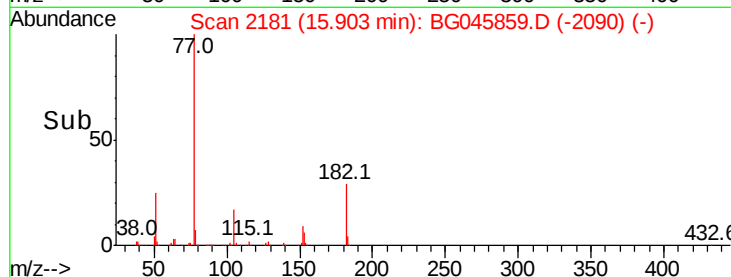
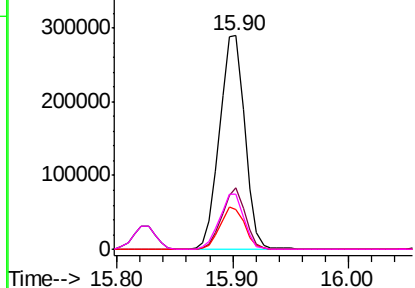
#63
Azobenzene
Concen: 41.413 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.6	7.4	47.4	
105	18.7	0.1	40.1	
51	25.5	5.7	45.7	

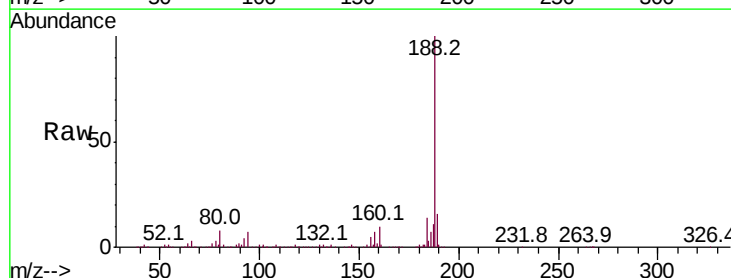


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

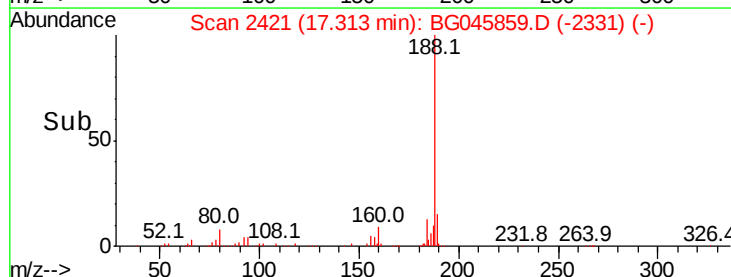
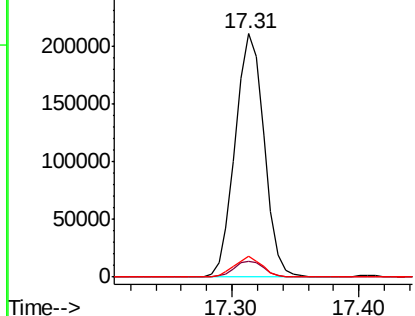


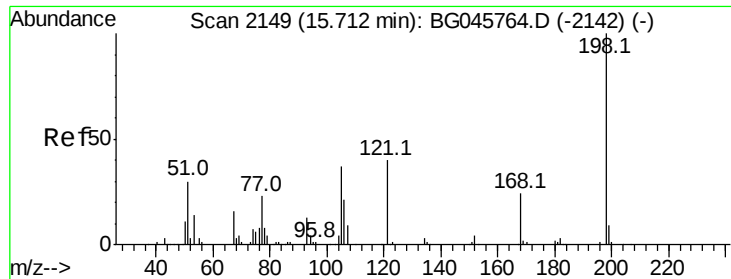
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.1	7.7	
80	8.4	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: 43.999 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

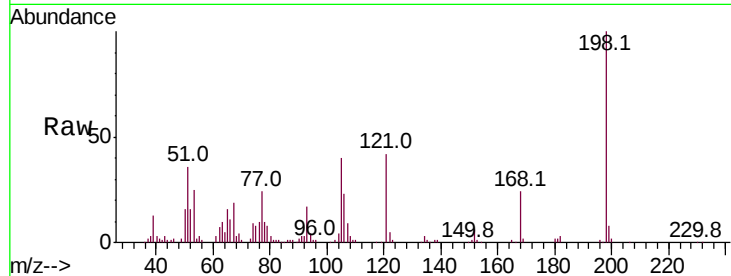
Tot Ion:198 Resp: 90051

Ion Ratio Lower Upper

198 100

51 35.7 14.6 54.6

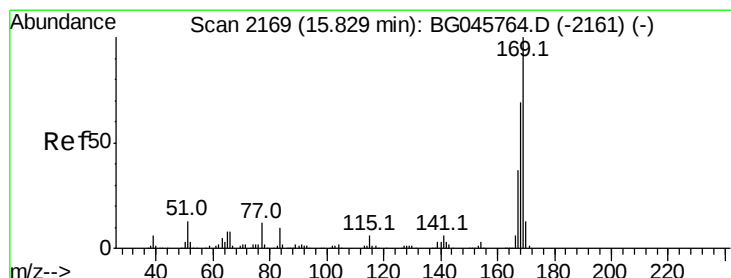
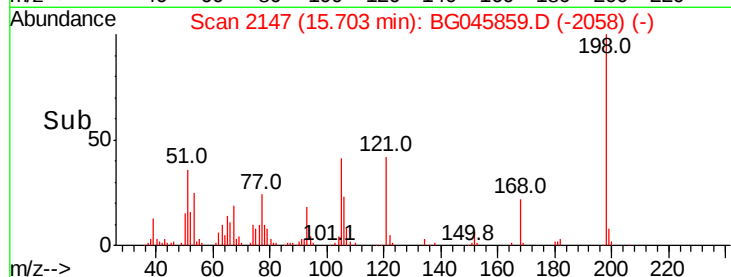
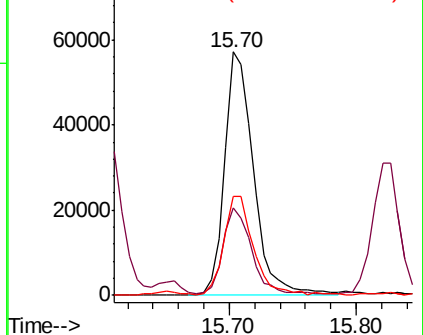
105 40.5 18.4 58.4



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: 40.052 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

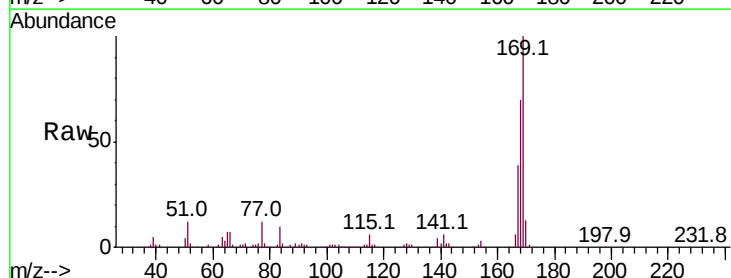
Tgt Ion:169 Resp: 375698

Ion Ratio Lower Upper

169 100

168 69.6 55.2 82.8

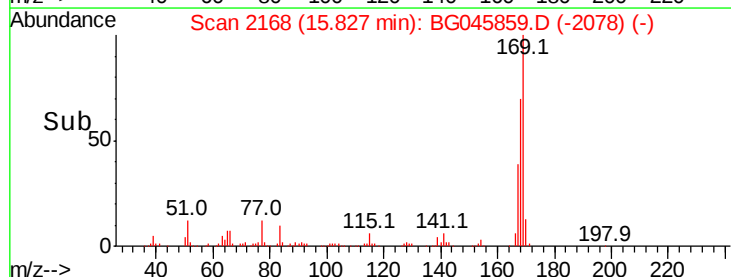
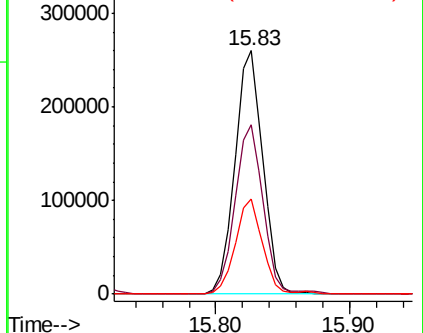
167 39.0 29.8 44.6

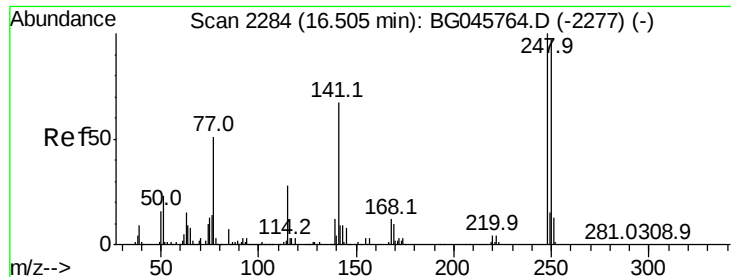


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

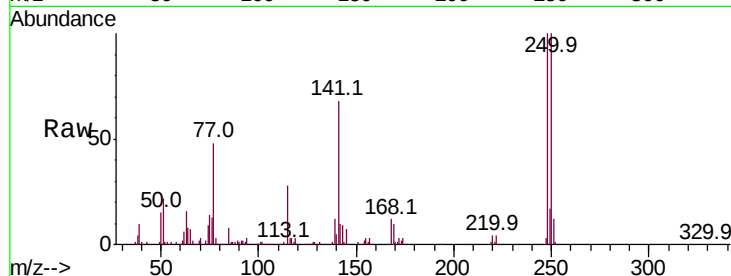




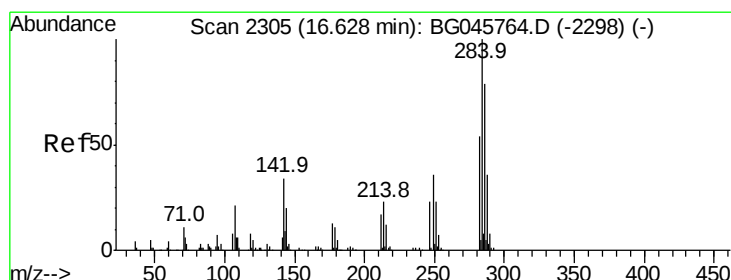
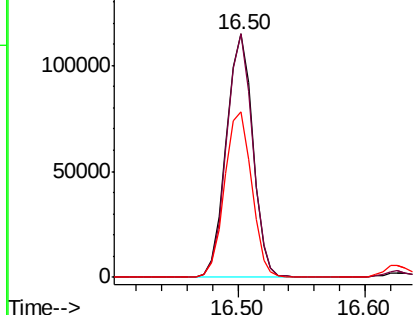
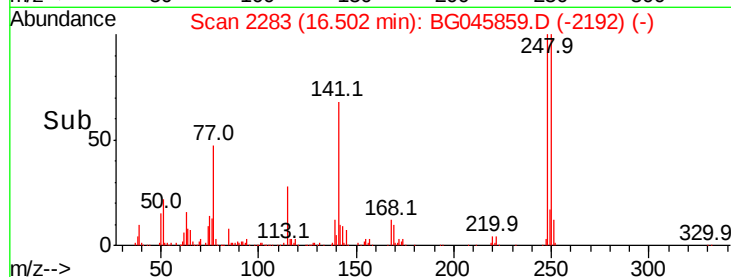
#67
4-Bromophenyl-phenylether
Concen: 38.575 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB129759BS

Tot Ion:248 Resp: 165995
Ion Ratio Lower Upper
248 100
250 100.0 78.0 117.0
141 67.7 53.9 80.9

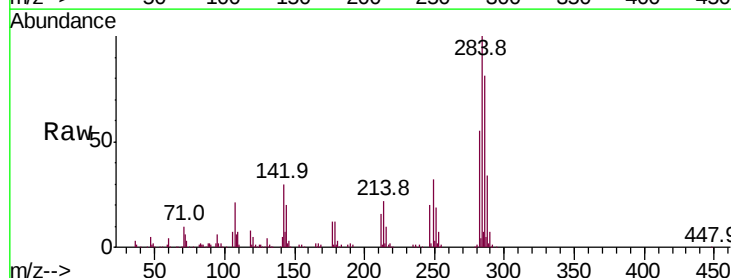


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

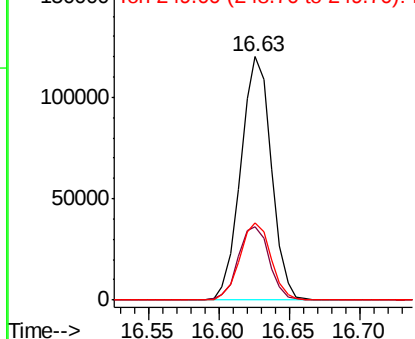
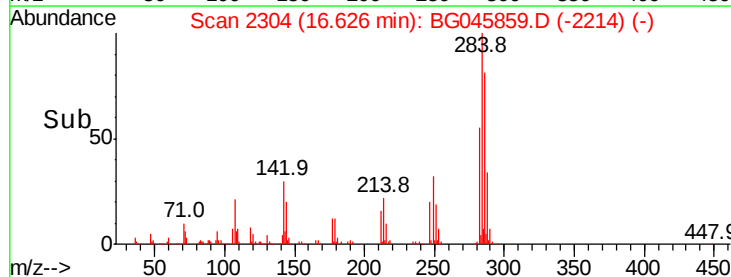


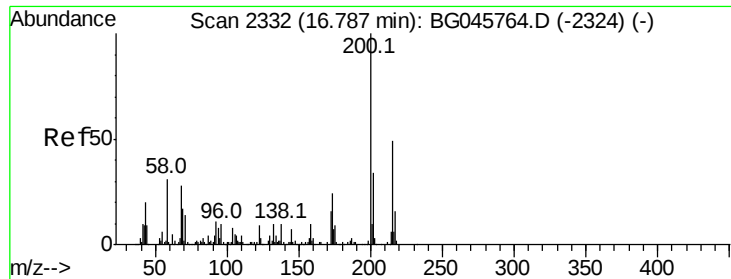
#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion:284 Resp: 182091
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 31.6 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: 39.547 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

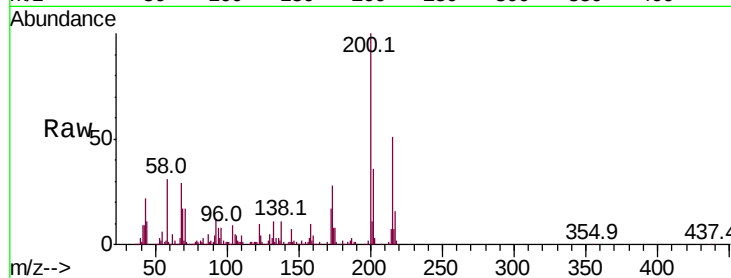
Tot Ion:200 Resp: 143947

Ion Ratio Lower Upper

200 100

173 27.7 3.9 43.9

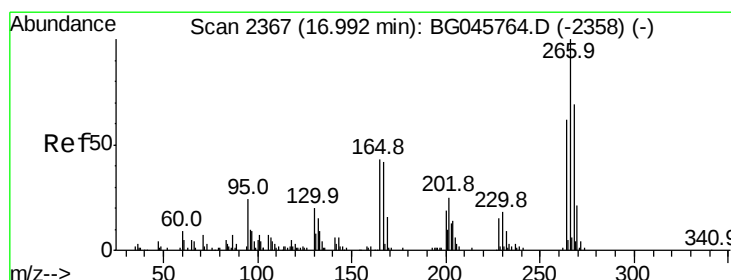
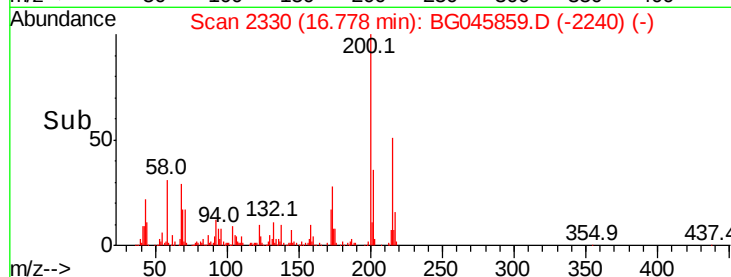
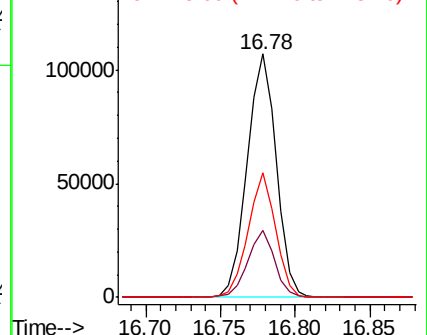
215 51.4 28.8 68.8



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: 67.720 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

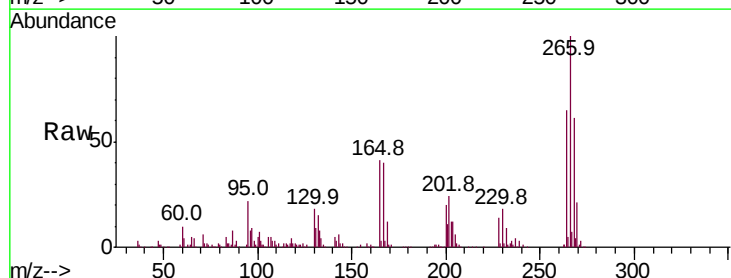
Tgt Ion:266 Resp: 146177

Ion Ratio Lower Upper

266 100

268 61.0 55.4 83.0

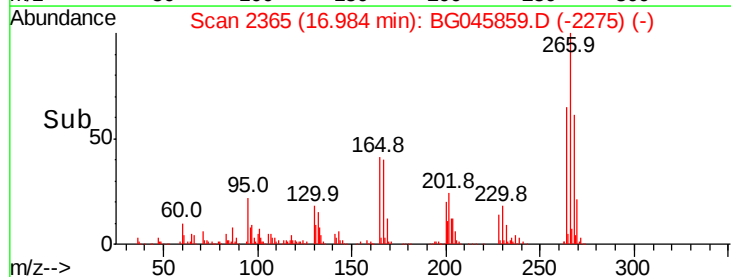
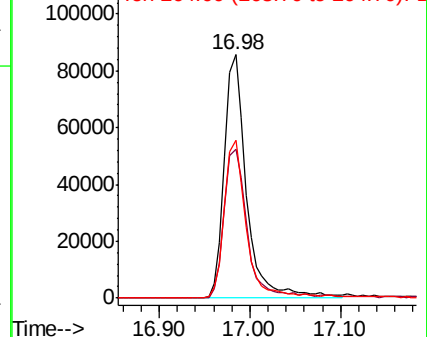
264 64.7 49.8 74.6

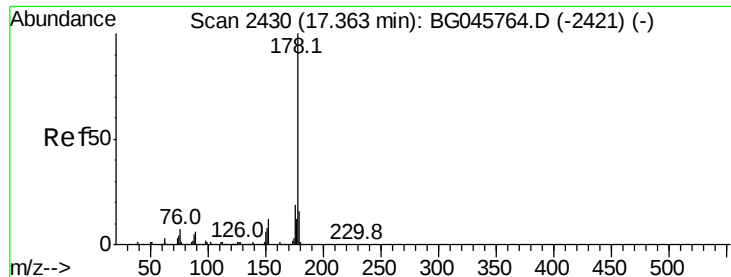


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.253 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

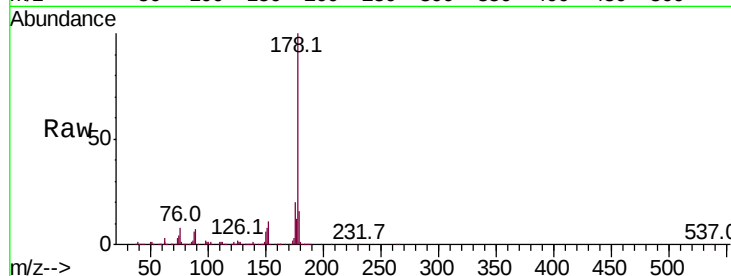
Tot Ion:178 Resp: 687512

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

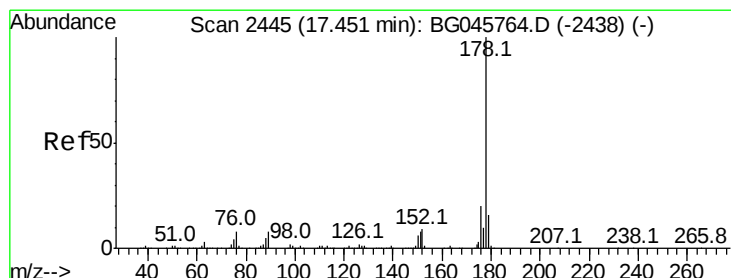
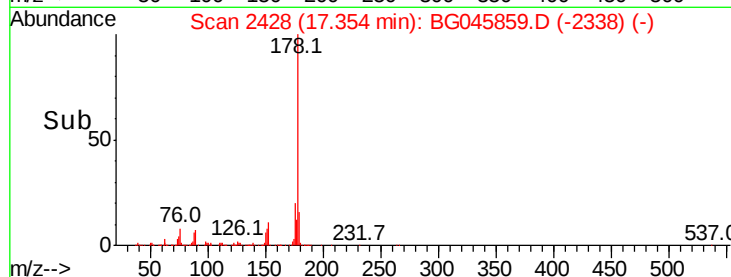
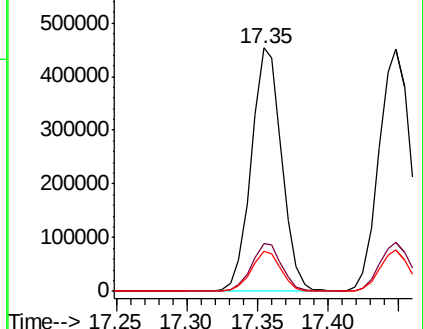
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.696 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

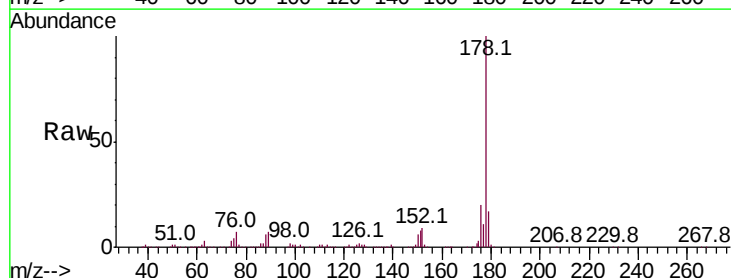
Tgt Ion:178 Resp: 709165

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

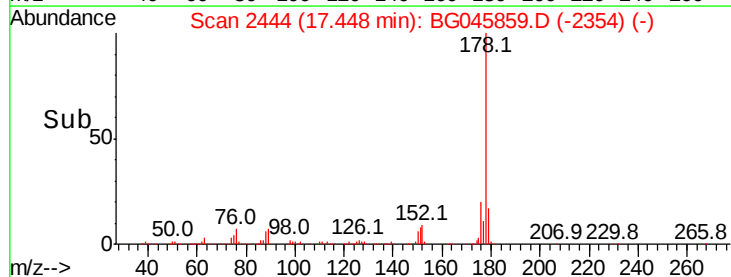
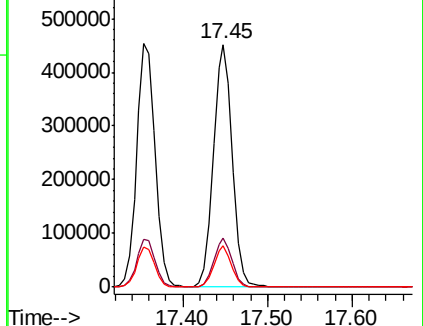
179 16.9 13.1 19.7

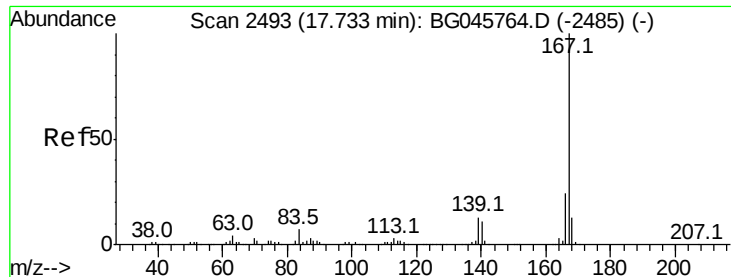


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

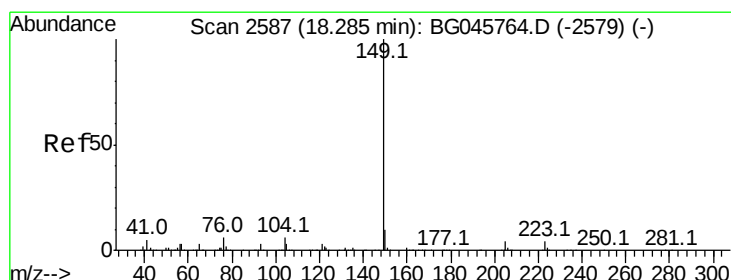
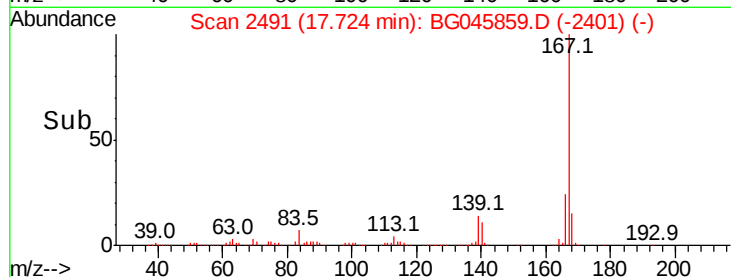
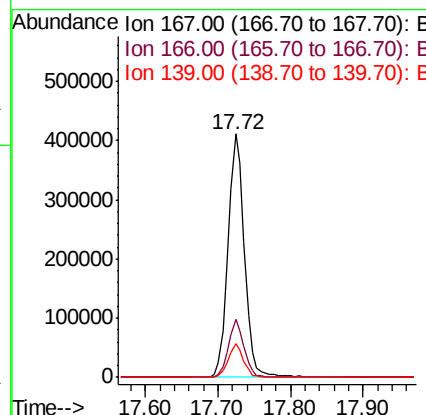
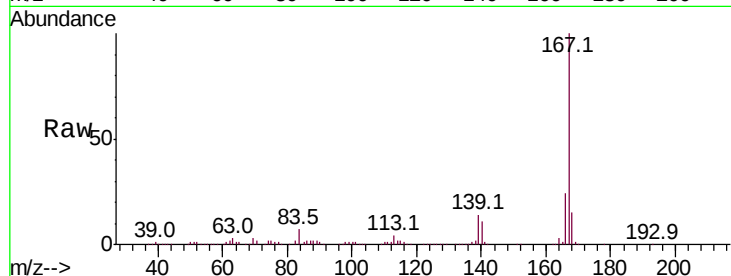




#73
 Carbazole
 Concen: 39.840 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

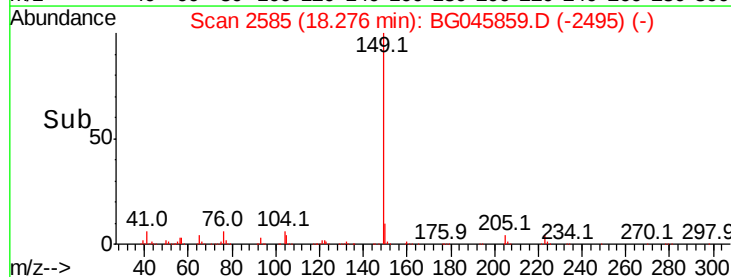
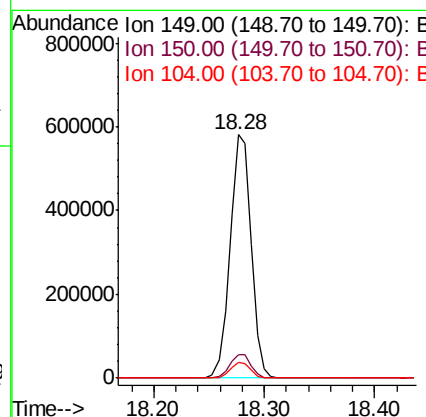
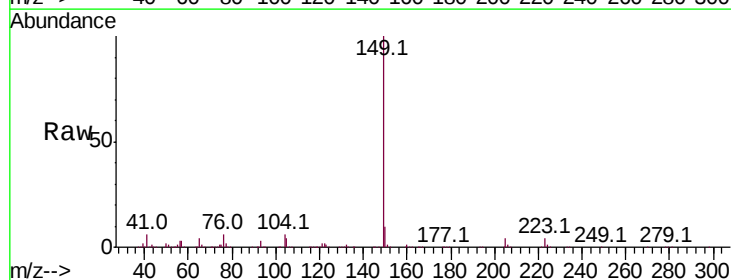
Instrument :
 BNA_G
 ClientSampled :
 PB129759BS

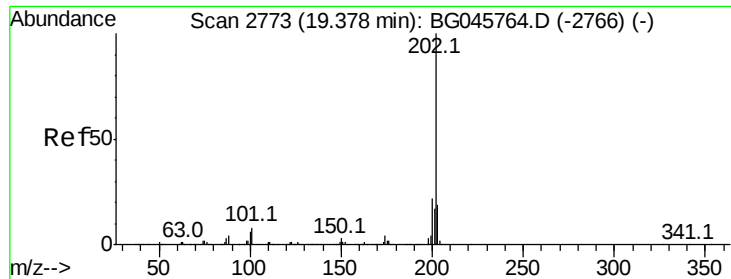
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.9	28.3
139	13.7	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 40.448 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	6.5	5.1	7.7





#75

Fluoranthene

Concen: 41.719 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

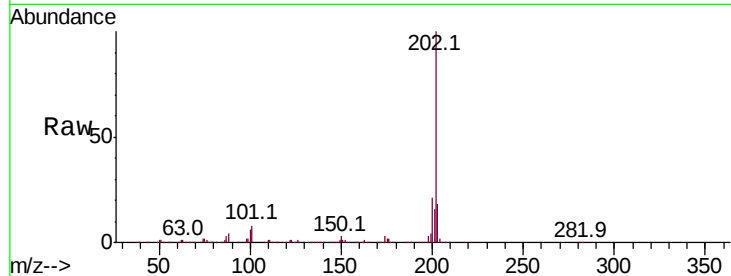
Tot Ion:202 Resp: 876198

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.7

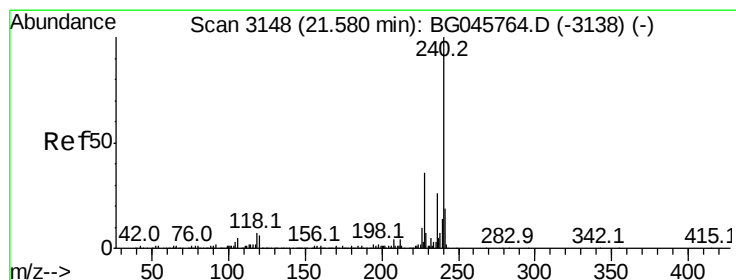
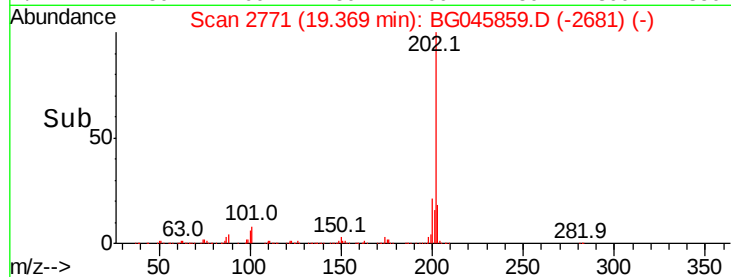
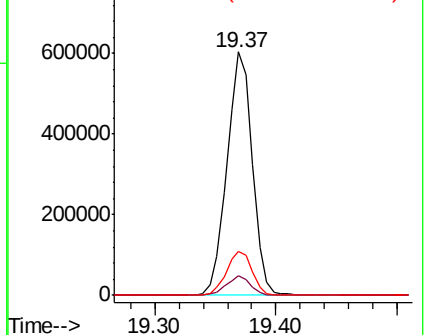
203 18.0 0.0 38.7



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# 3146

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

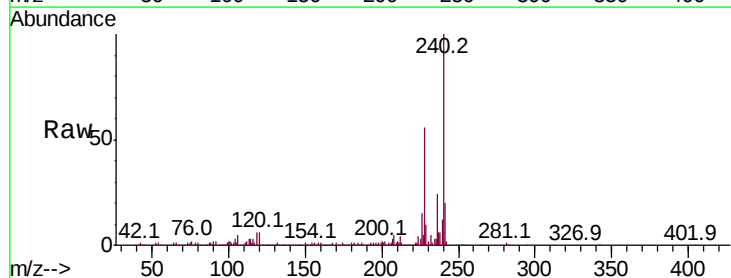
Tgt Ion:240 Resp: 320488

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

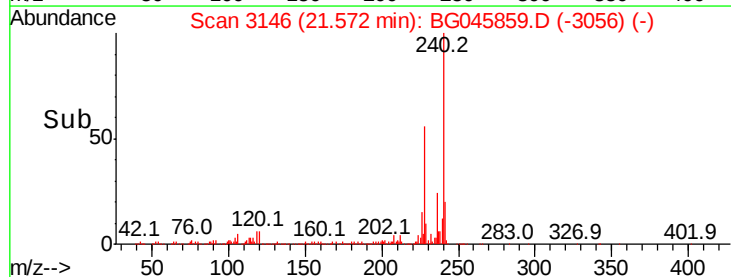
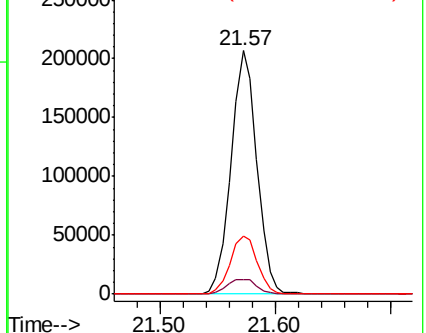
236 24.0 20.6 30.8

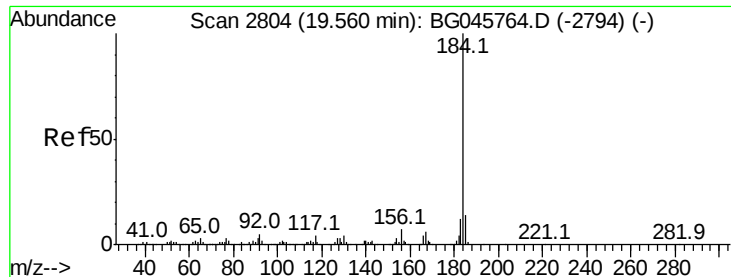


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.206 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

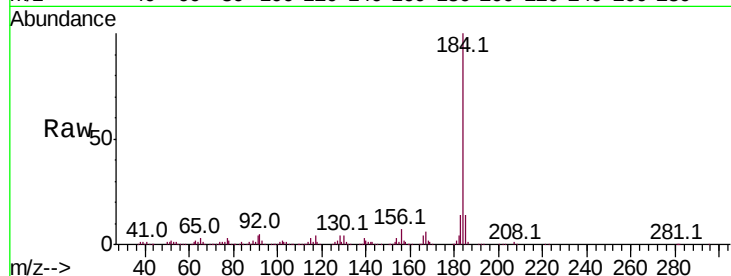
Tot Ion:184 Resp: 409971

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

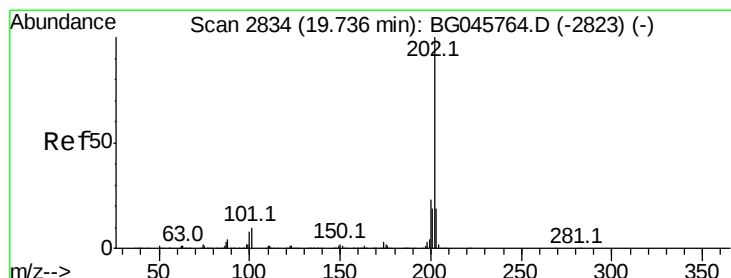
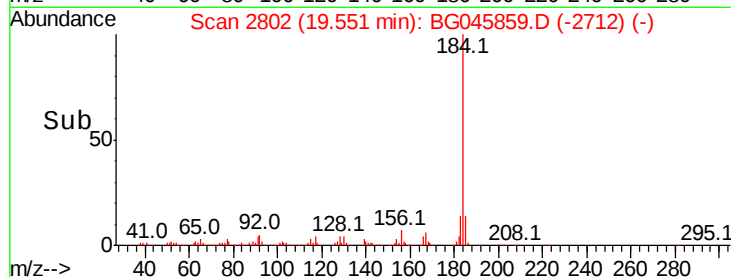
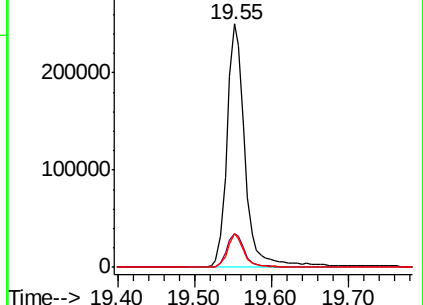
183 13.6 9.7 14.5



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: 40.187 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

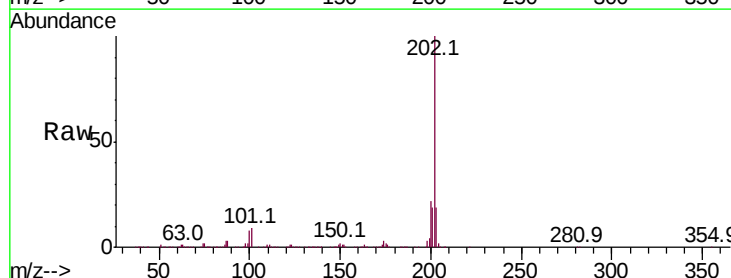
Tgt Ion:202 Resp: 862456

Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

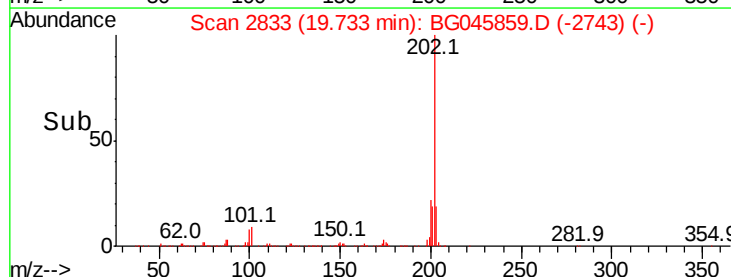
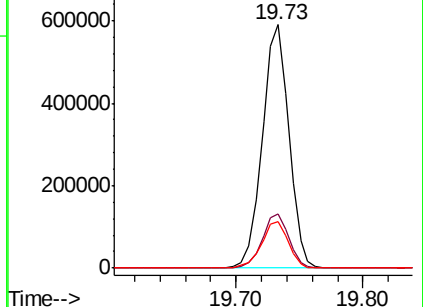
203 18.9 14.8 22.2

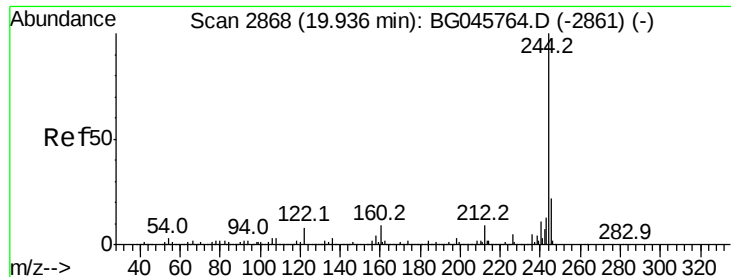


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.689 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

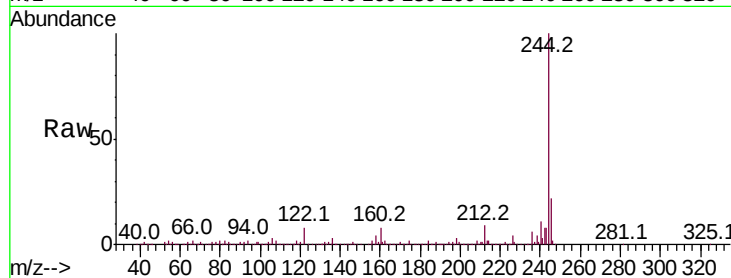
Tot Ion:244 Resp: 1260205

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

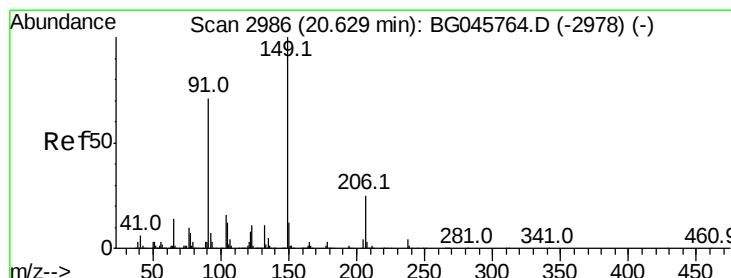
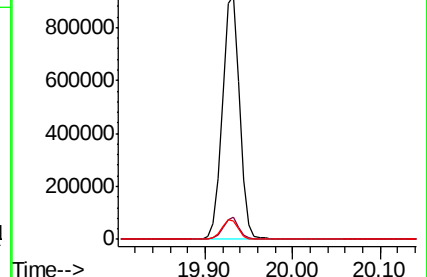
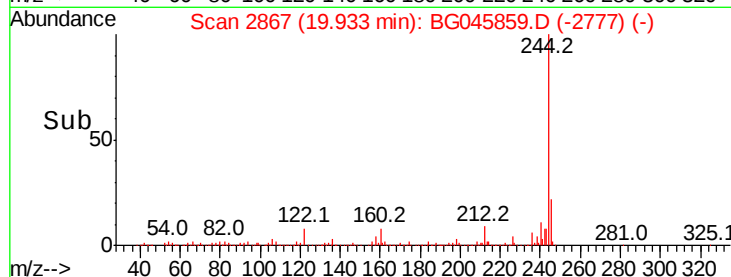
122 7.7 6.4 9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.284 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

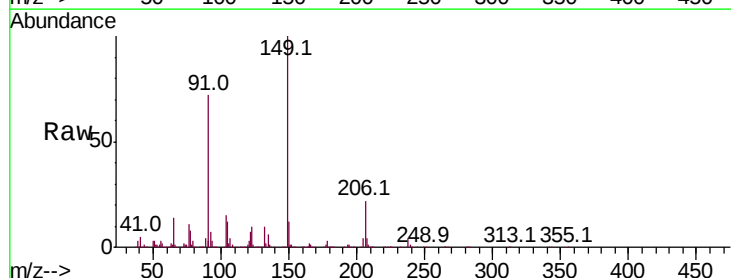
Tgt Ion:149 Resp: 361871

Ion Ratio Lower Upper

149 100

91 72.4 56.4 84.6

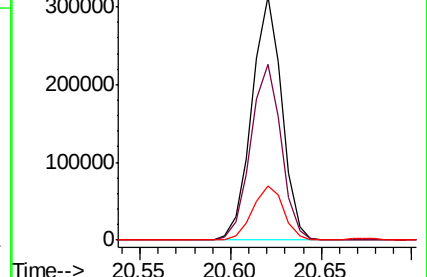
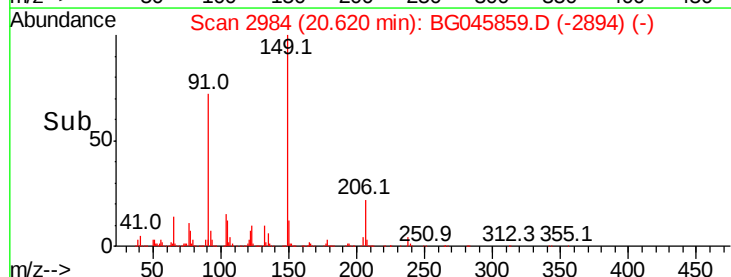
206 22.3 19.8 29.6

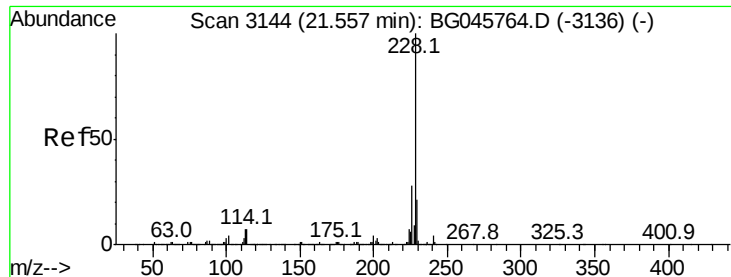


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.591 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

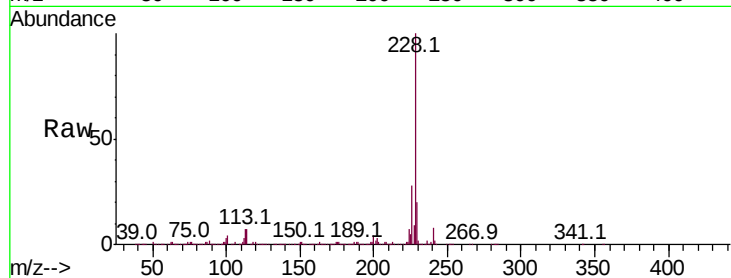
Tot Ion:228 Resp: 843422

Ion Ratio Lower Upper

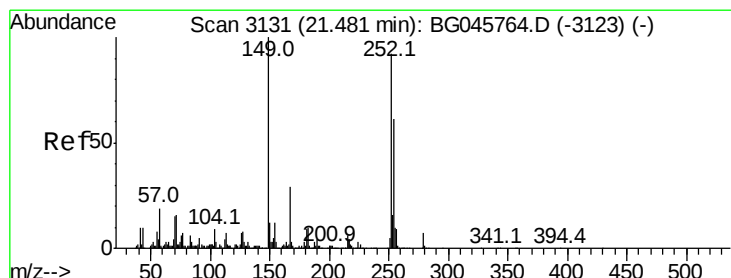
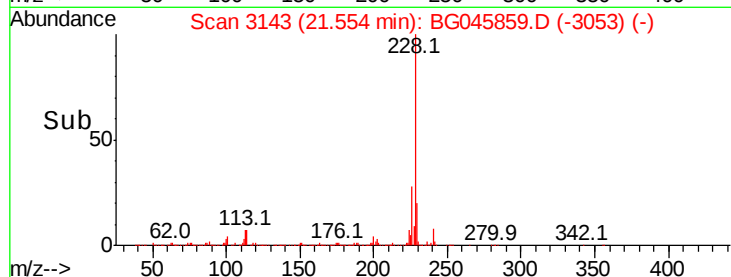
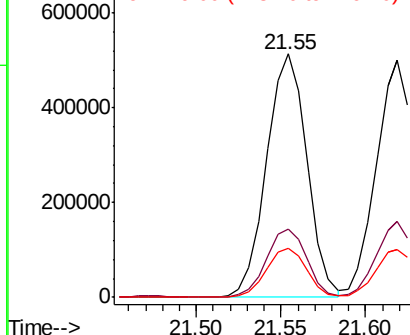
228 100

226 28.1 22.7 34.1

229 20.3 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: 30.586 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

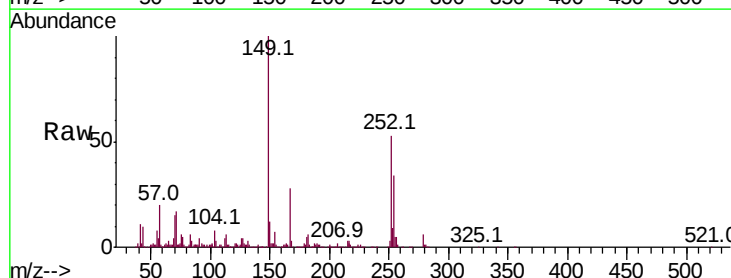
Tgt Ion:252 Resp: 240392

Ion Ratio Lower Upper

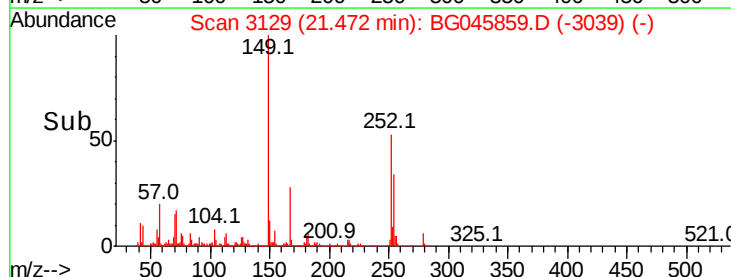
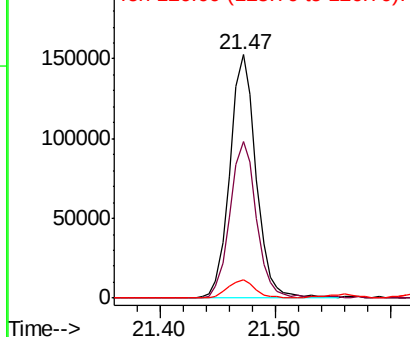
252 100

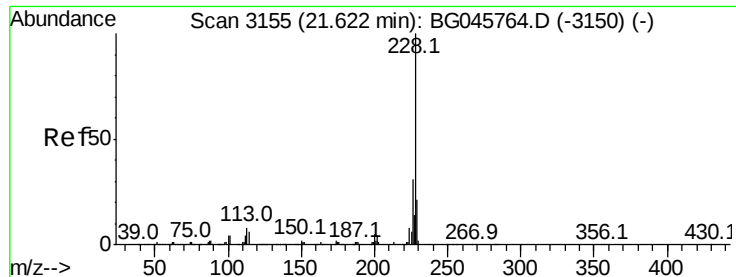
254 64.3 53.4 80.0

126 7.5 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: 40.368 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

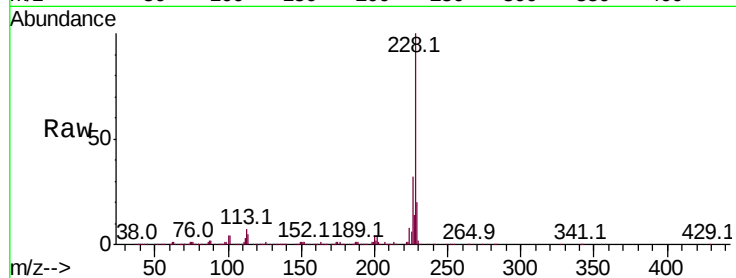
BNA_G

ClientSampleId :

PB129759BS

Tot Ion:228 Resp: 811299

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.1	37.7
229	20.2	16.4	24.6

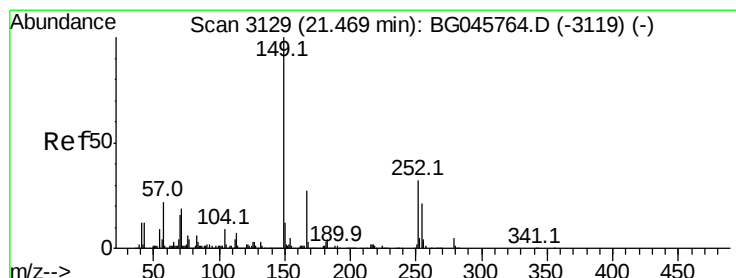
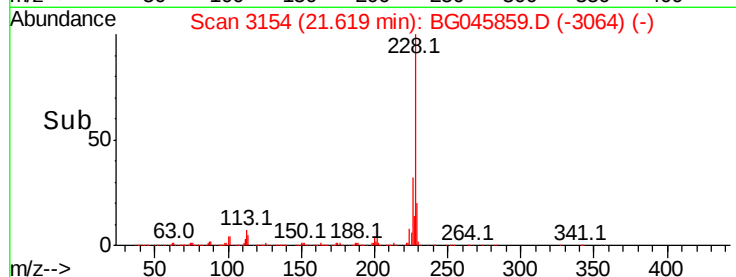
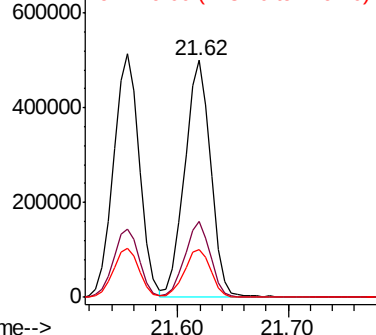


Abundance

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: 40.676 ng

RT: 21.47 min Scan# 3128

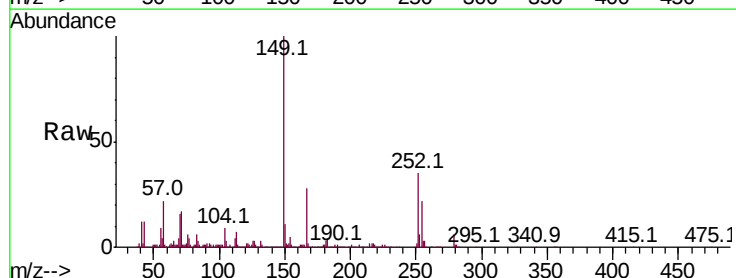
Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Tgt Ion:149 Resp: 508243

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	5.6	3.7	5.5#

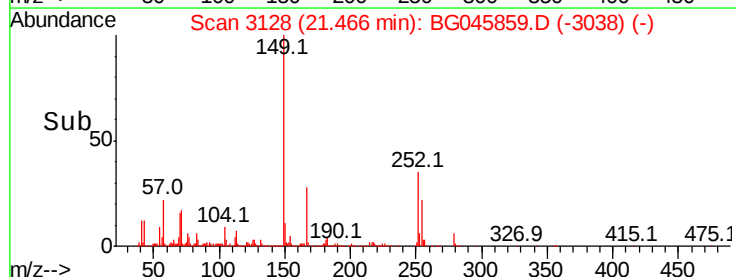
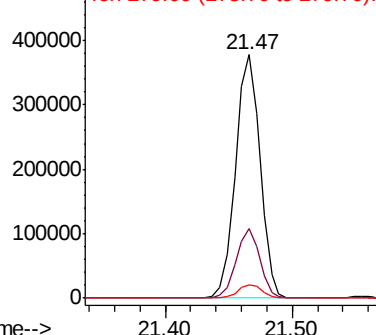


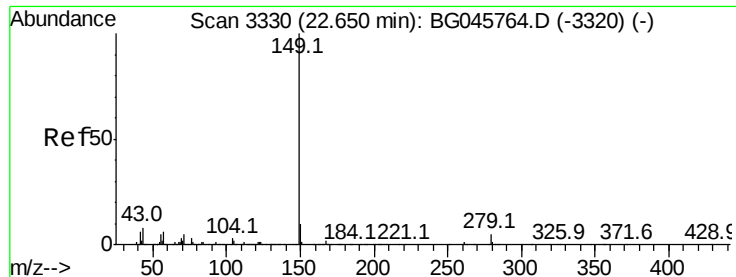
Abundance

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: 40.071 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

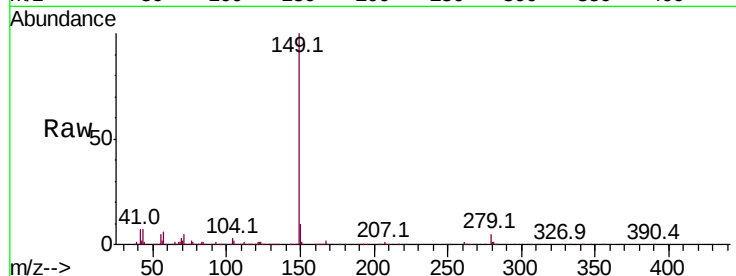
Tot Ion:149 Resp: 863659

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

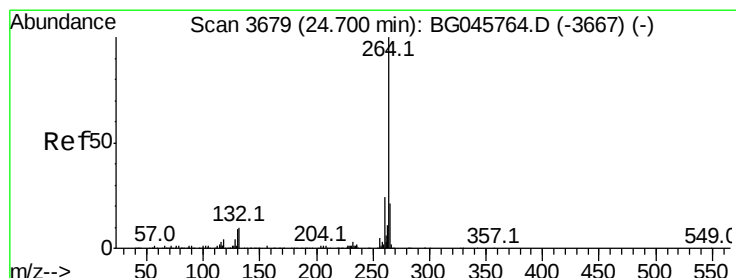
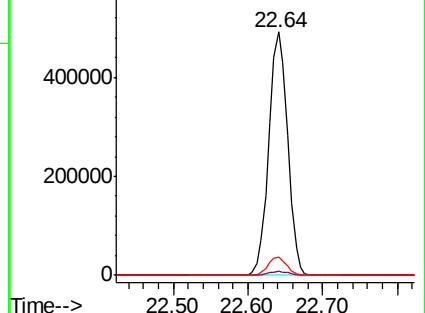
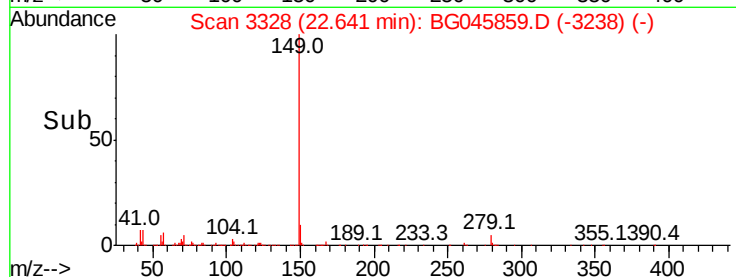
43 7.3 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

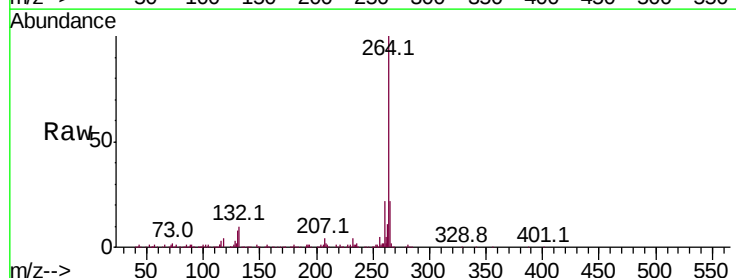
Tgt Ion:264 Resp: 352051

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

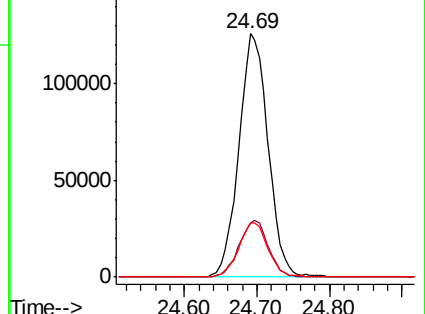
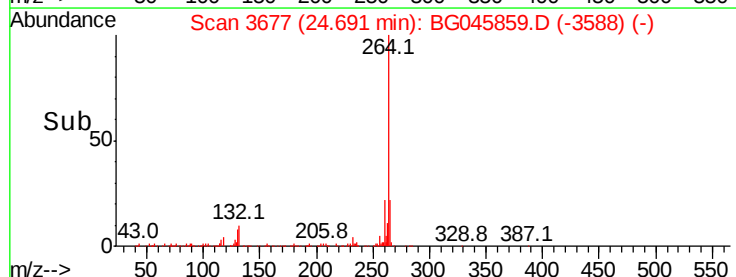
265 22.2 17.4 26.0

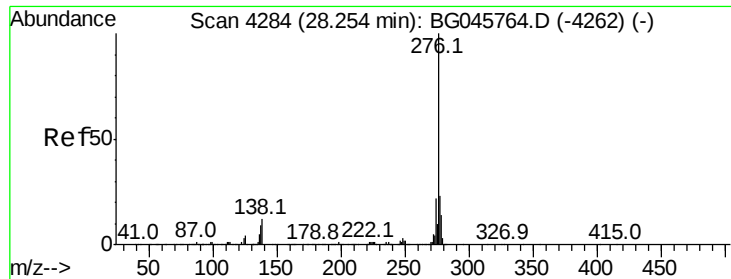


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

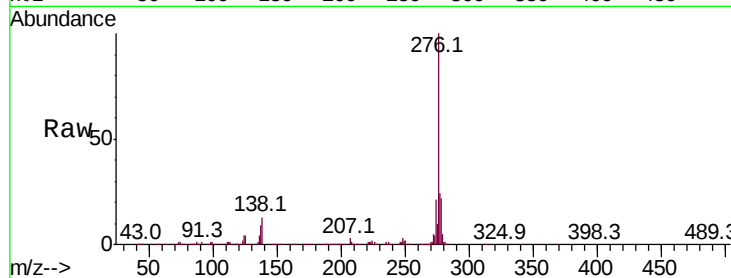




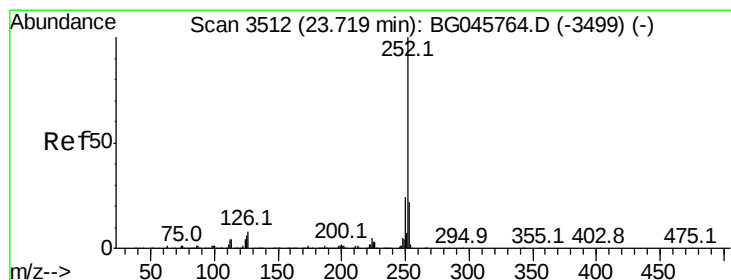
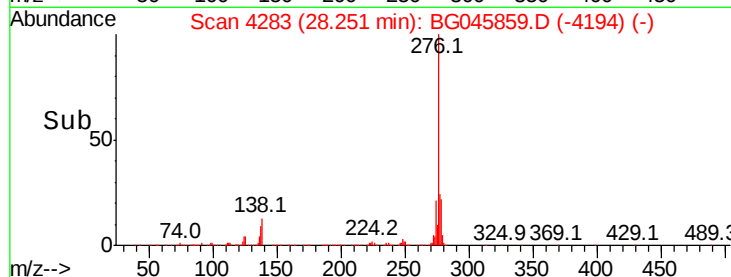
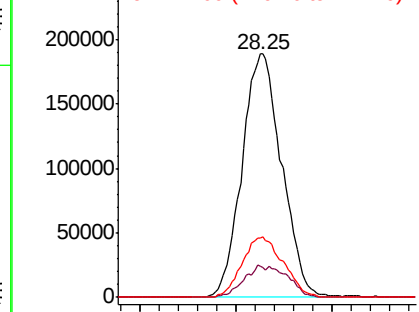
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.488 ng
 RT: 28.25 min Scan# 4283
 Delta R.T. -0.01 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BS

Tot Ion:276 Resp: 1084378
 Ion Ratio Lower Upper
 276 100
 138 7.3 5.4 8.0
 277 25.7 20.6 30.8

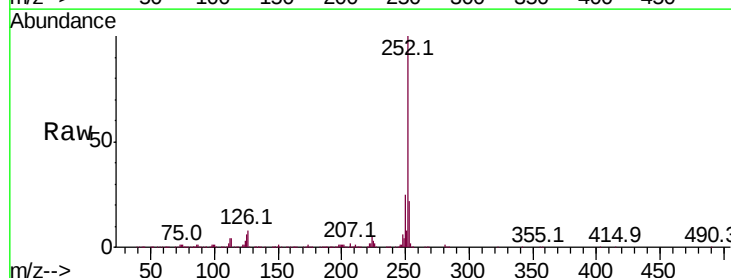


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

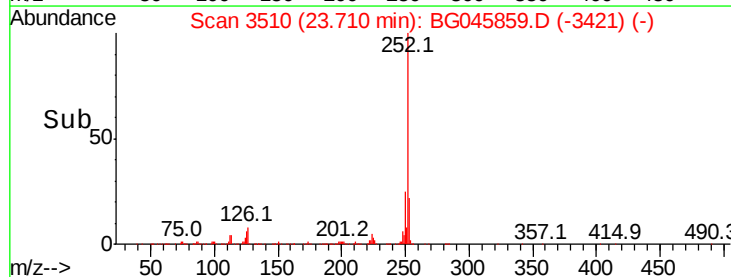
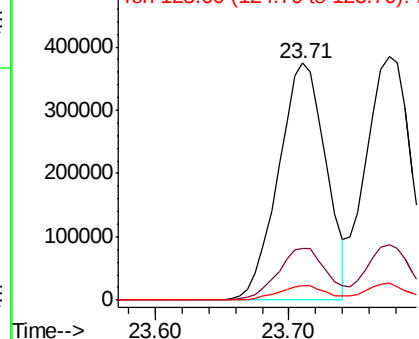


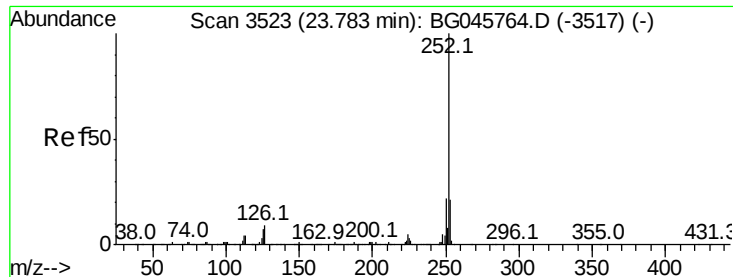
#88
 Benzo(b)fluoranthene
 Concen: 41.778 ng
 RT: 23.71 min Scan# 3510
 Delta R.T. -0.01 min
 Lab File: BG045859.D
 Acq: 25 Jun 2020 16:06

Tgt Ion:252 Resp: 922172
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 6.3 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

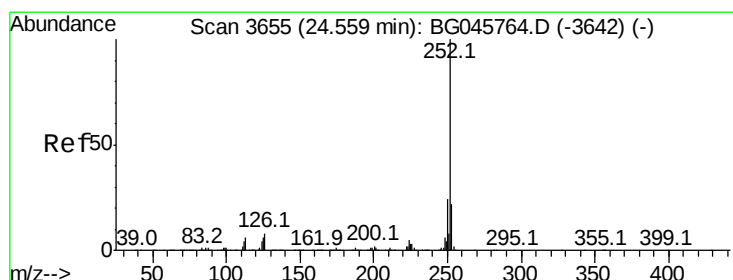
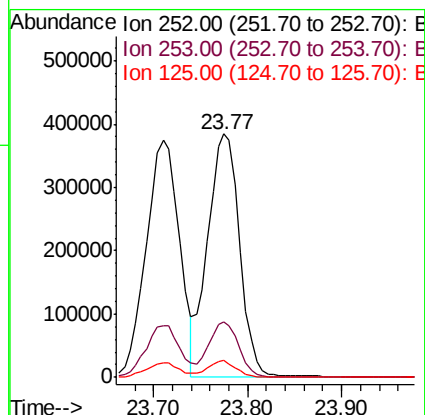
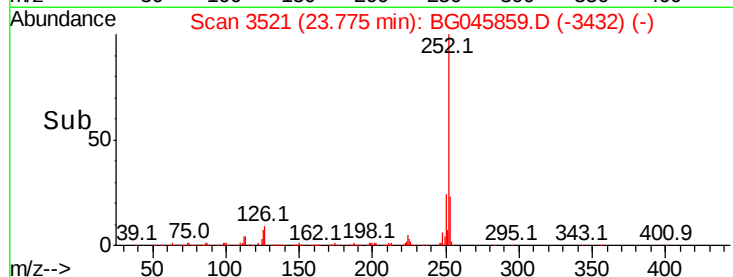
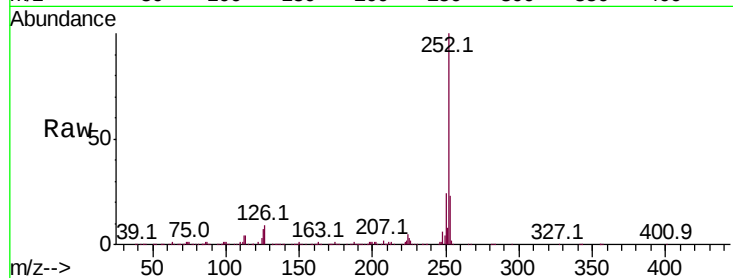




#89
Benzo(k)fluoranthene
Concen: 43.093 ng
RT: 23.77 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

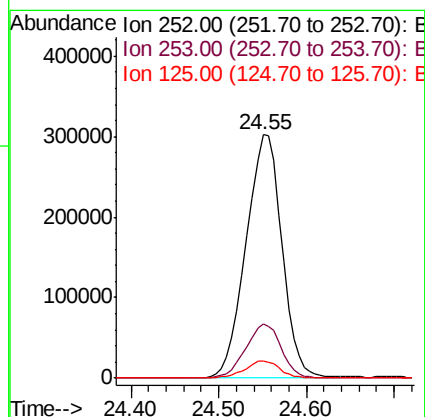
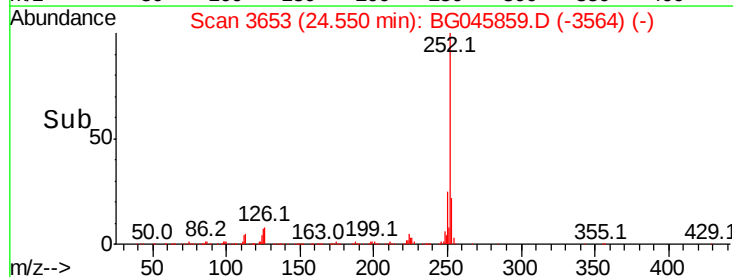
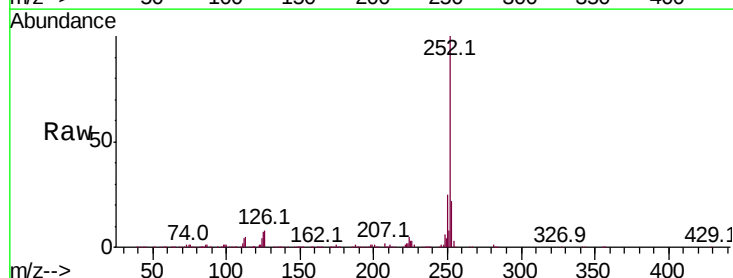
Instrument :
BNA_G
ClientSampleId :
PB129759BS

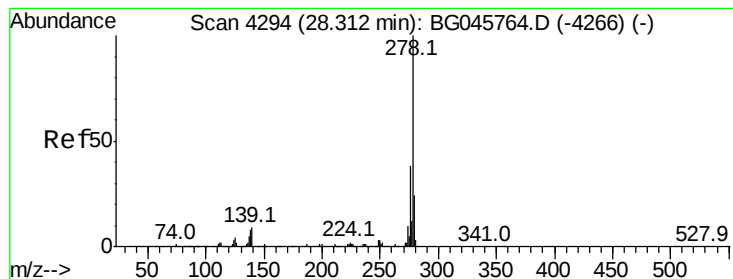
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	6.9	5.2	7.8



#90
Benzo(a)pyrene
Concen: 40.940 ng
RT: 24.55 min Scan# 3653
Delta R.T. -0.01 min
Lab File: BG045859.D
Acq: 25 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	7.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.090 ng

RT: 28.30 min Scan# 4292

Delta R.T. -0.01 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB129759BS

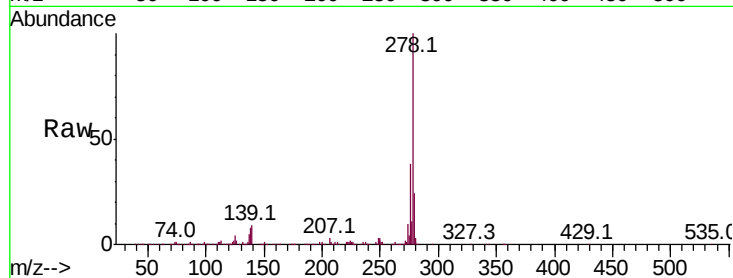
Tot Ion:278 Resp: 881905

Ion Ratio Lower Upper

278 100

139 9.0 7.3 10.9

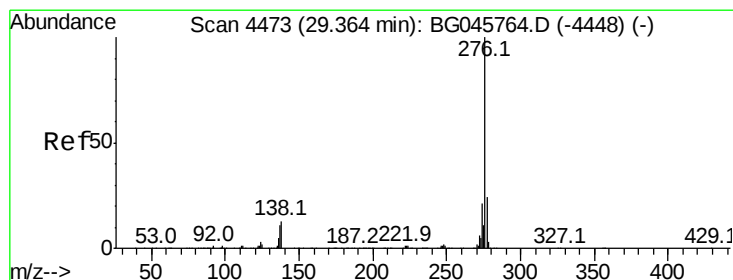
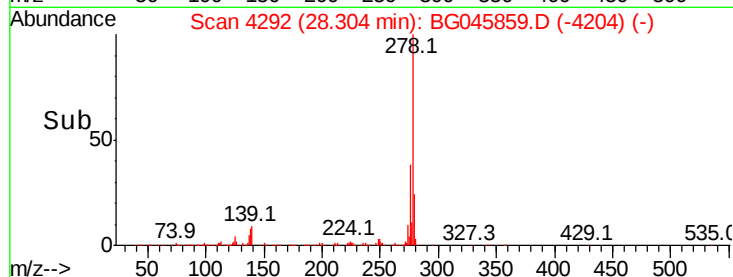
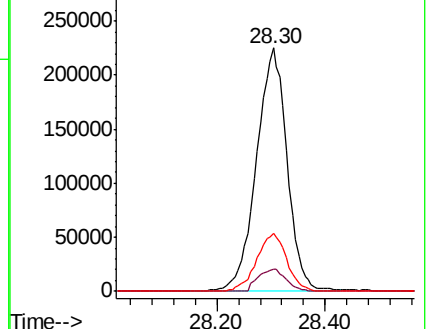
279 23.8 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.817 ng

RT: 29.36 min Scan# 4471

Delta R.T. -0.02 min

Lab File: BG045859.D

Acq: 25 Jun 2020 16:06

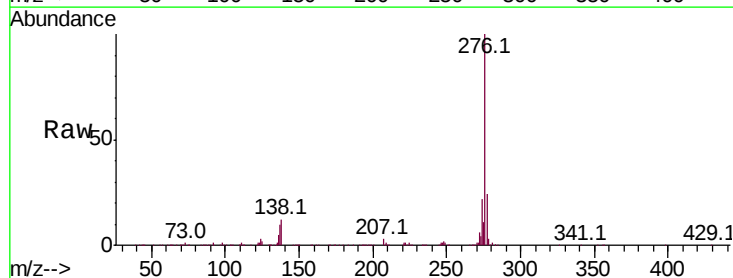
Tgt Ion:276 Resp: 877118

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 12.3 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

