

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045809.D
 Acq On : 19 Jun 2020 10:47
 Operator : CG/JU
 Sample : PB129631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

Quant Time: Jun 19 11:19:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50430	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	191802	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	133406	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	317259	20.00	ng	0.00
76) Chrysene-d12	21.58	240	300234	20.00	ng	0.00
86) Perylene-d12	24.71	264	333501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	419209	140.42	ng	0.00
7) Phenol-d6	7.15	99	576558	126.97	ng	-0.01
23) Nitrobenzene-d5	9.08	82	374357	89.16	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	268324	133.22	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	815921	89.88	ng	0.00
79) Terphenyl-d14	19.94	244	1398321	94.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	50935	37.252	ng	96
3) Pyridine	3.76	79	150182	37.066	ng	96
4) n-Nitrosodimethylamine	3.68	42	59989	44.108	ng	# 95
6) Aniline	7.25	93	220838	41.302	ng	99
8) 2-Chlorophenol	7.51	128	149146	46.674	ng	95
9) Benzaldehyde	7.05	77	87307	32.010	ng	99
10) Phenol	7.18	94	197048	44.784	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	141480	42.334	ng	98
12) 1,3-Dichlorobenzene	7.81	146	162702	42.725	ng	99
13) 1,4-Dichlorobenzene	7.95	146	166435	43.756	ng	96
14) 1,2-Dichlorobenzene	8.27	146	154301	42.373	ng	97
15) Benzyl Alcohol	8.18	79	146650	41.732	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	130992	41.588	ng	83
17) 2-Methylphenol	8.41	107	132992	40.615	ng	97
18) Hexachloroethane	9.00	117	61538	42.597	ng	94
19) n-Nitroso-di-n-propylamine	8.72	70	124690	41.766	ng	97
20) 3+4-Methylphenols	8.75	107	173799	40.358	ng	# 70
22) Acetophenone	8.74	105	226697	43.062	ng	# 97
24) Nitrobenzene	9.12	77	192133	42.919	ng	98
25) Isophorone	9.64	82	340891	41.941	ng	98
26) 2-Nitrophenol	9.84	139	83631	44.842	ng	97
27) 2,4-Dimethylphenol	9.93	122	132698	46.603	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	186249	43.868	ng	99
29) 2,4-Dichlorophenol	10.41	162	150613	45.337	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	171424	43.588	ng	90
31) Naphthalene	10.77	128	450085	42.922	ng	98
32) Benzoic acid	10.13	122	75253	42.107	ng	90
33) 4-Chloroaniline	10.90	127	160702	36.596	ng	97
34) Hexachlorobutadiene	11.06	225	119887	42.863	ng	97
35) Caprolactam	11.67	113	26025	24.209	ng	91
36) 4-Chloro-3-methylphenol	12.06	107	172421	44.951	ng	97
37) 2-Methylnaphthalene	12.39	142	335933	43.022	ng	99
38) 1-Methylnaphthalene	12.61	142	321983	43.575	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189930	43.237	ng	99

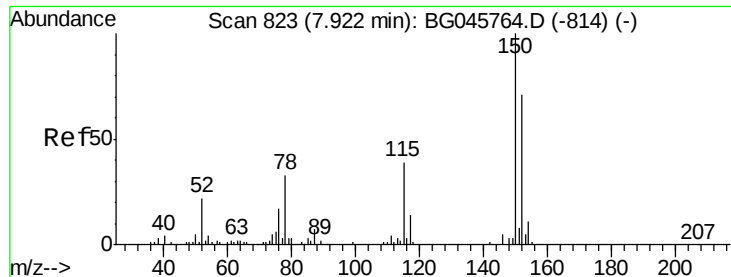
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045809.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	227466	92.299	nq	97
43) 2,4,6-Trichlorophenol	13.02	196	128023	42.985	nq	95
44) 2,4,5-Trichlorophenol	13.11	196	135044	39.784	nq	95
46) 1,1'-Biphenyl	13.40	154	426384	44.642	nq	98
47) 2-Chloronaphthalene	13.44	162	331781	43.003	nq	98
48) 2-Nitroaniline	13.66	65	110213	42.945	nq	99
49) Acenaphthylene	14.29	152	532755	43.111	nq	100
50) Dimethylphthalate	14.03	163	452185	43.267	nq	98
51) 2,6-Dinitrotoluene	14.14	165	103904	44.265	nq	99
52) Acenaphthene	14.63	154	321596	42.933	nq	99
53) 3-Nitroaniline	14.48	138	81301	34.676	nq	93
54) 2,4-Dinitrophenol	14.70	184	111168	84.516	nq	98
55) Dibenzofuran	14.97	168	529363	43.502	nq	100
56) 4-Nitrophenol	14.87	139	133349	79.414	nq	94
57) 2,4-Dinitrotoluene	14.94	165	148183	44.060	nq	99
58) Fluorene	15.62	166	438625	43.348	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	126310	42.874	nq	96
60) Diethylphthalate	15.39	149	464243	43.453	nq	96
61) 4-Chlorophenyl-phenylether	15.61	204	246924	42.340	nq	99
62) 4-Nitroaniline	15.65	138	97281	40.428	nq	97
63) Azobenzene	15.90	77	446517	43.527	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	96027	48.977	nq	95
66) n-Nitrosodiphenylamine	15.83	169	388964	43.285	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	167953	40.742	nq	99
68) Hexachlorobenzene	16.63	284	186546	43.640	nq	94
69) Atrazine	16.78	200	152144	43.632	nq	98
70) Pentachlorophenol	16.99	266	172686	81.730	nq	97
71) Phenanthrene	17.36	178	712208	43.527	nq	98
72) Anthracene	17.45	178	719997	44.189	nq	100
73) Carbazole	17.73	167	665620	42.904	nq	100
74) Di-n-butylphthalate	18.28	149	802360	43.679	nq	100
75) Fluoranthene	19.37	202	904351	44.947	nq	99
77) Benzidine	19.55	184	540835	69.292	nq	99
78) Pyrene	19.74	202	878203	43.681	nq	100
80) Butylbenzylphthalate	20.62	149	354759	42.156	nq	95
81) Benzo(a)anthracene	21.56	228	837449	43.023	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	275891	37.470	nq	99
83) Chrysene	21.62	228	809733	43.009	nq	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	500845	42.788	nq	# 96
85) Di-n-octyl phthalate	22.64	149	873067	43.241	nq	100
88) Benzo(b)fluoranthene	23.71	252	919502	43.974	nq	97
89) Benzo(k)fluoranthene	23.78	252	871740	43.559	nq	98
90) Benzo(a)pyrene	24.56	252	842250	43.119	nq	99

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

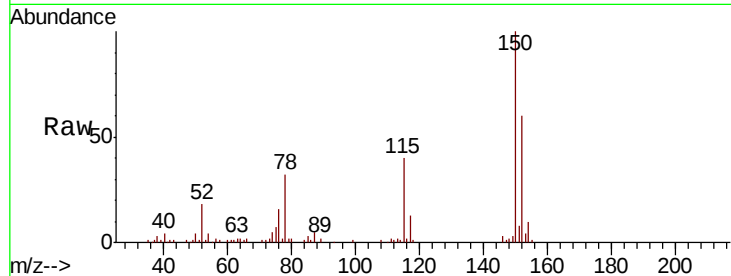


#1

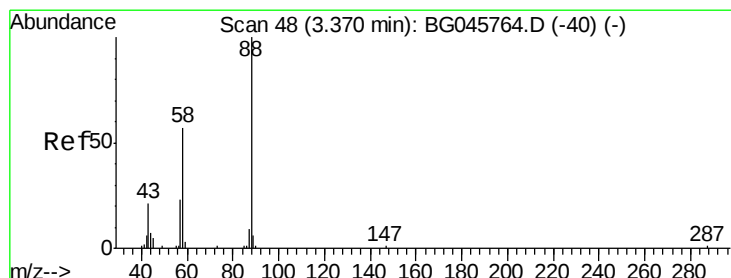
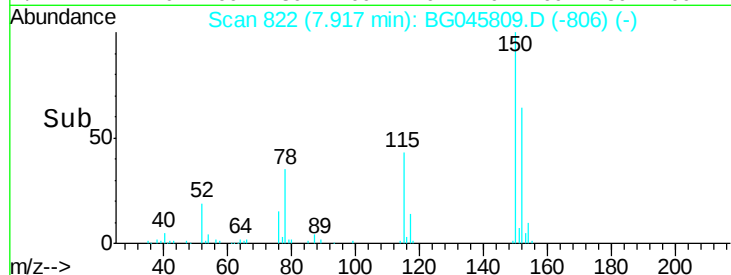
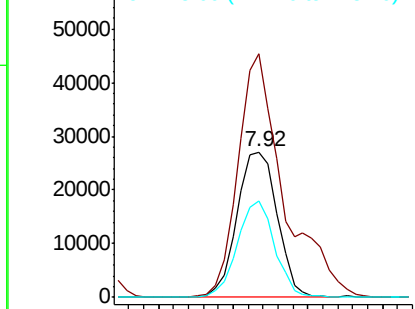
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion:152 Resp: 50430
Ion Ratio Lower Upper
152 100
150 167.7 113.1 169.7
115 66.7 43.8 65.6#



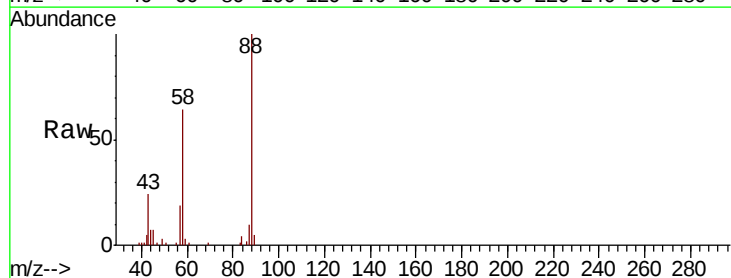
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



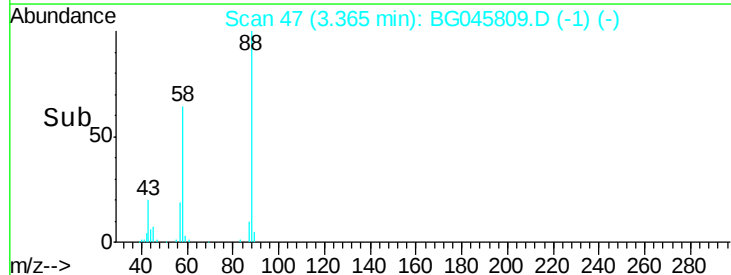
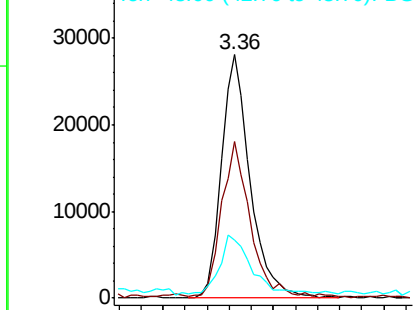
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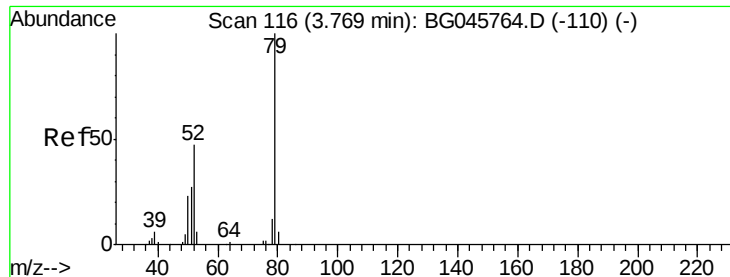
1,4-Dioxane
Concen: 37.252 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion: 88 Resp: 50935
Ion Ratio Lower Upper
88 100
58 61.5 46.1 69.1
43 25.0 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: 37.066 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

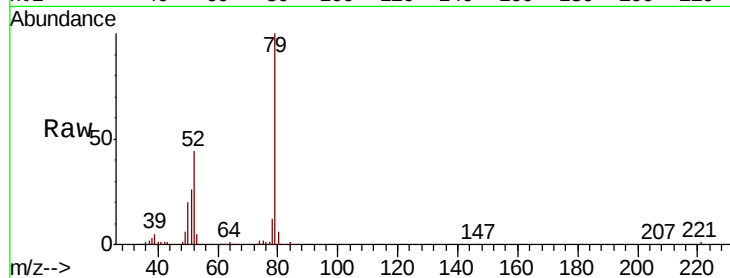
Tot Ion: 79 Resp: 150182

Ion Ratio Lower Upper

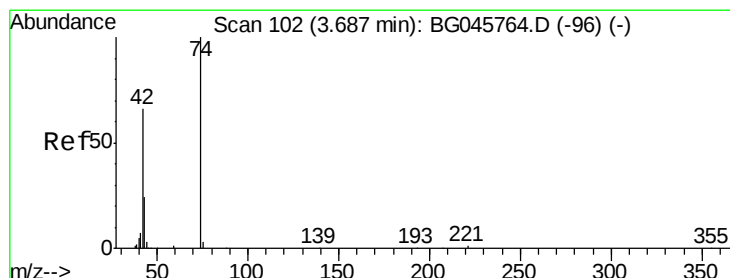
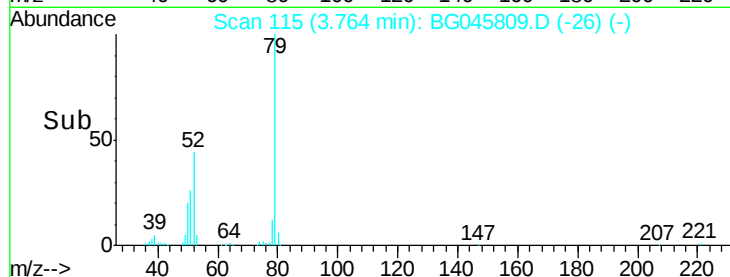
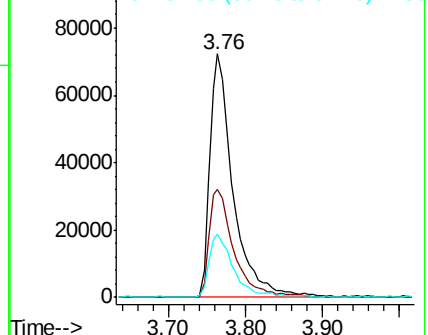
79 100

52 44.2 37.9 56.9

51 26.1 22.0 33.0



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



#4

n-Nitrosodimethylamine

Concen: 44.108 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

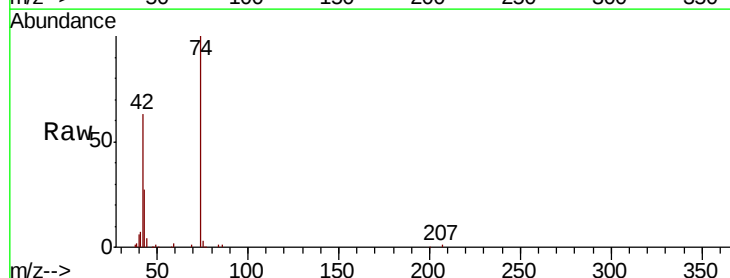
Tgt Ion: 42 Resp: 59989

Ion Ratio Lower Upper

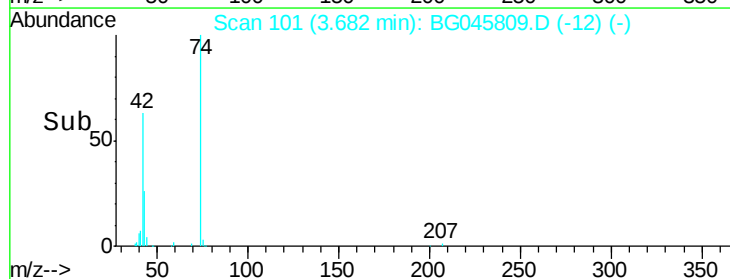
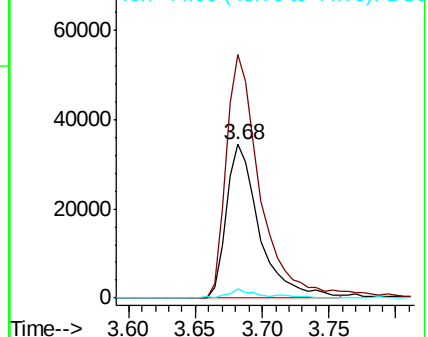
42 100

74 158.1 121.0 181.4

44 6.1 3.5 5.3#



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





#5

2-Fluorophenol

Concen: 140.421 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

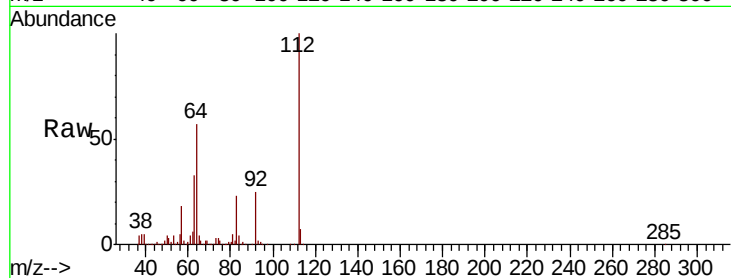
Tot Ion:112 Resp: 419209

Ion Ratio Lower Upper

112 100

64 56.9 46.6 69.8

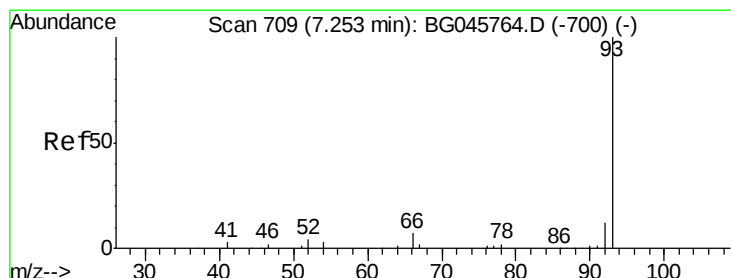
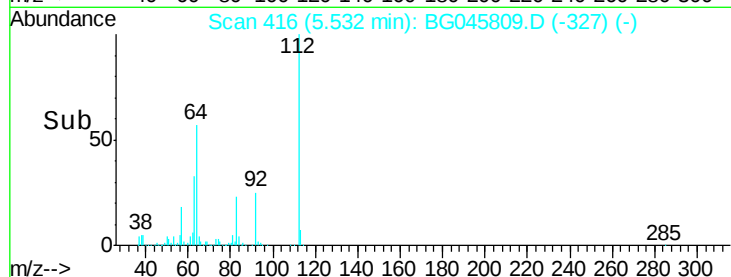
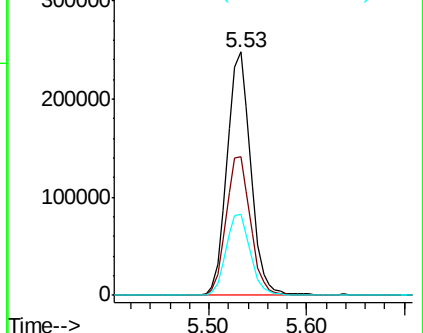
63 33.1 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.302 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

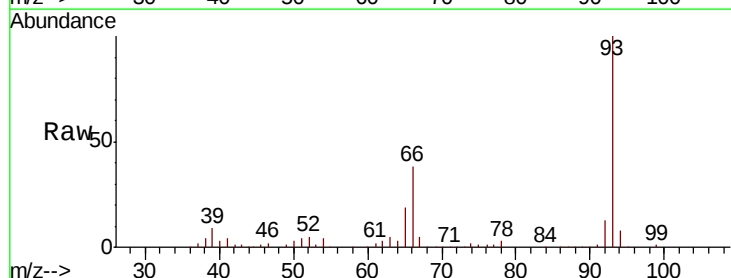
Tgt Ion: 93 Resp: 220838

Ion Ratio Lower Upper

93 100

66 37.7 30.0 45.0

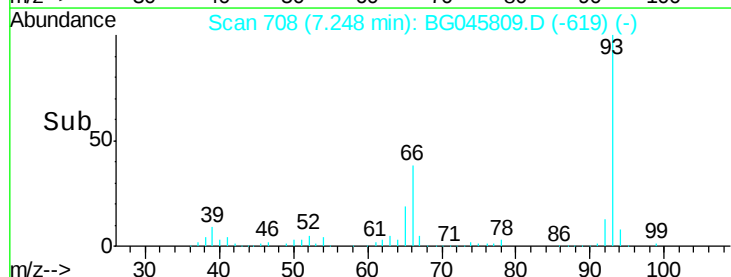
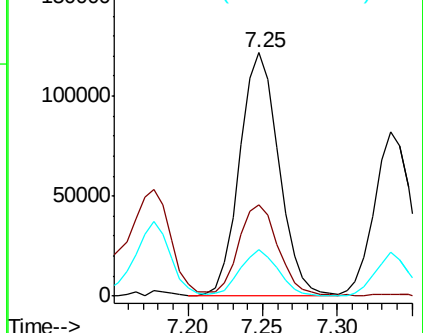
65 19.2 14.7 22.1

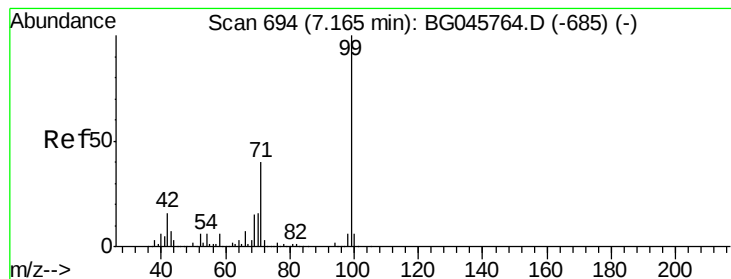


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.967 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

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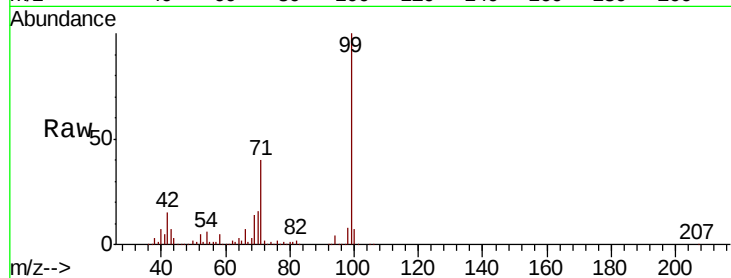
Tot Ion: 99 Resp: 576558

Ion Ratio Lower Upper

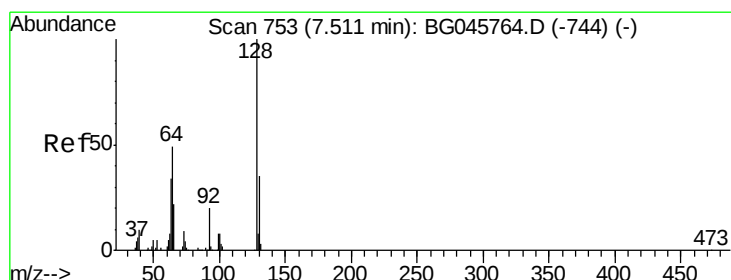
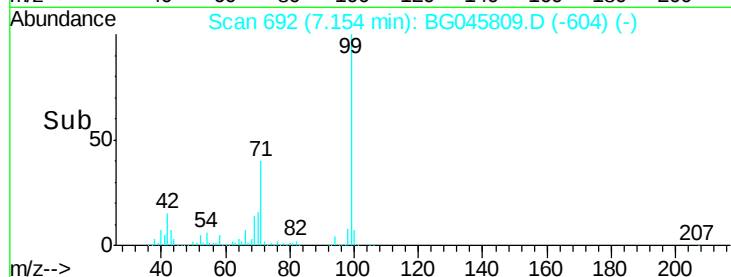
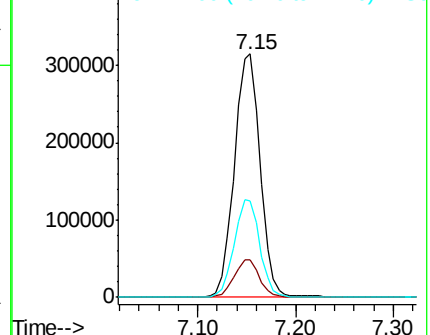
99 100

42 15.2 12.4 18.6

71 39.5 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.674 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

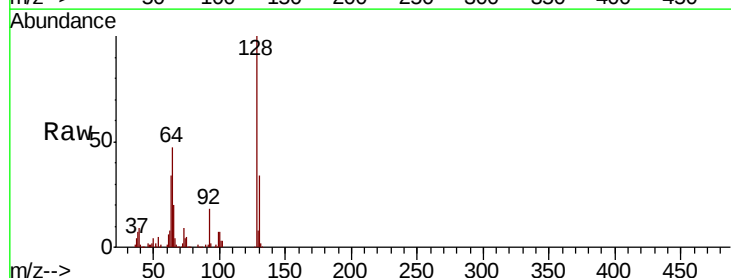
Tgt Ion: 128 Resp: 149146

Ion Ratio Lower Upper

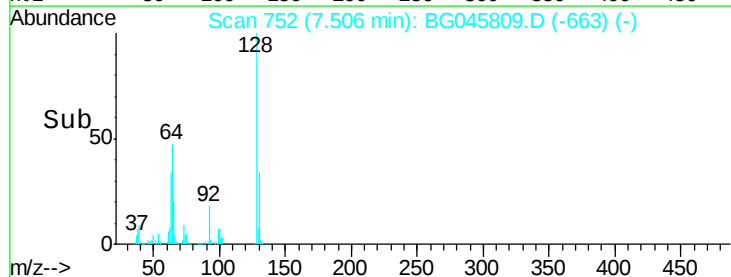
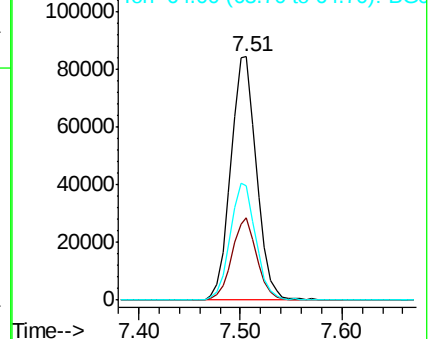
128 100

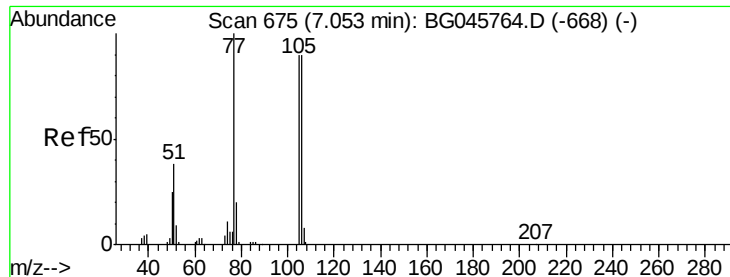
130 33.6 14.5 54.5

64 46.9 31.6 71.6



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





#9

Benzaldehyde

Concen: 32.010 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

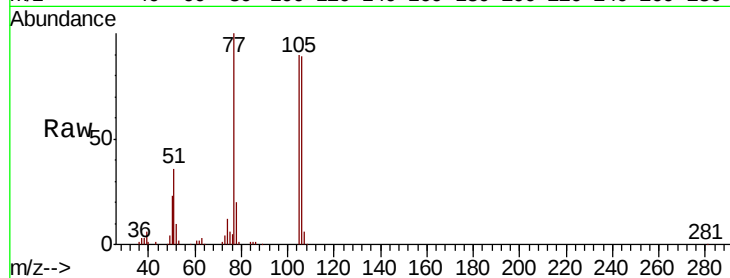
Tot Ion: 77 Resp: 87307

Ion Ratio Lower Upper

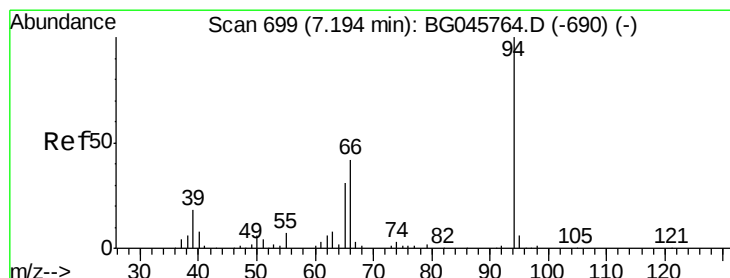
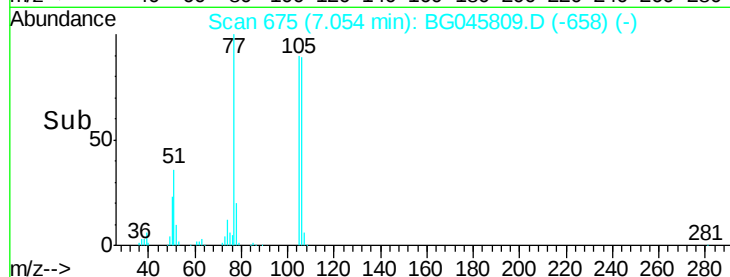
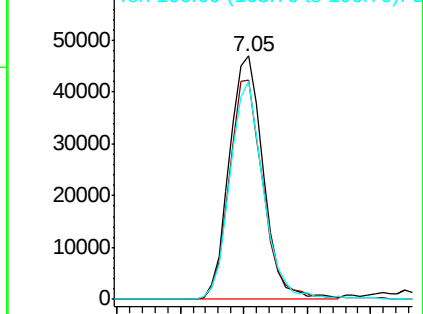
77 100

105 90.1 70.4 110.4

106 89.5 70.2 110.2



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



#10

Phenol

Concen: 44.784 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

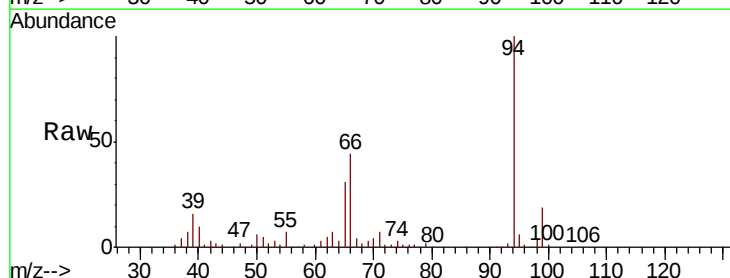
Tgt Ion: 94 Resp: 197048

Ion Ratio Lower Upper

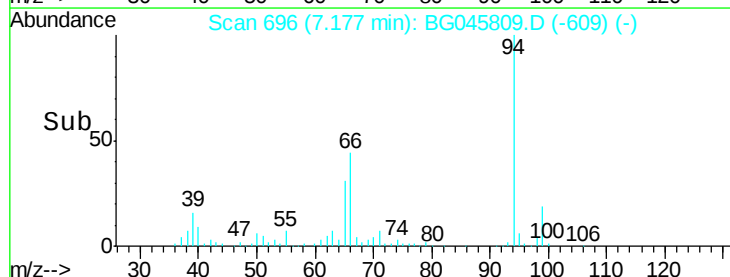
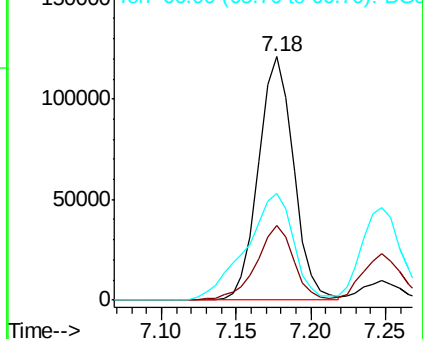
94 100

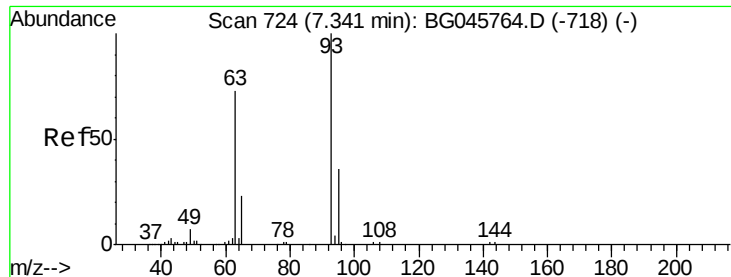
65 30.7 10.7 50.7

66 43.8 22.5 62.5



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





#11

bis(2-Chloroethyl)ether

Concen: 42.334 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

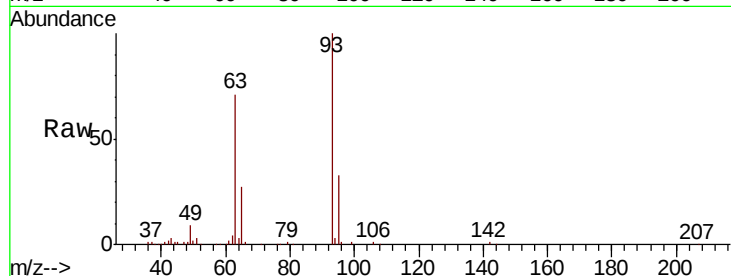
Tot Ion: 93 Resp: 141480

Ion Ratio Lower Upper

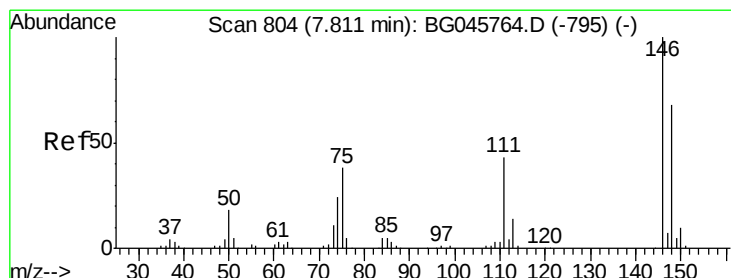
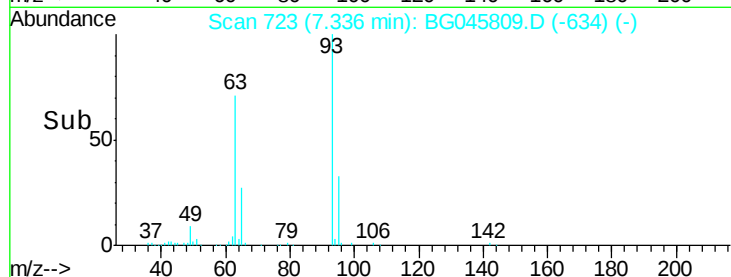
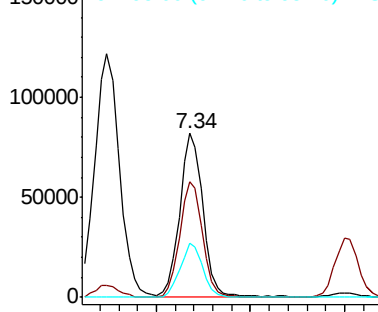
93 100

63 70.9 52.0 92.0

95 33.3 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: 42.725 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

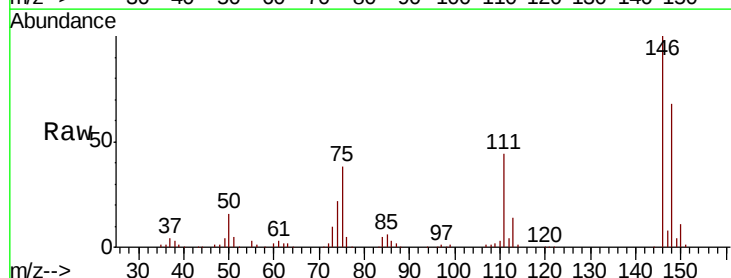
Tgt Ion: 146 Resp: 162702

Ion Ratio Lower Upper

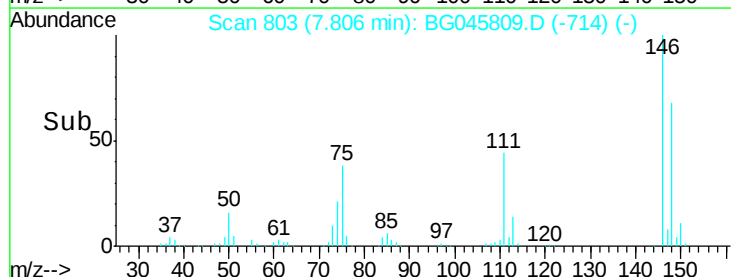
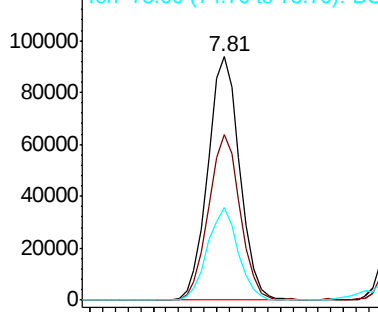
146 100

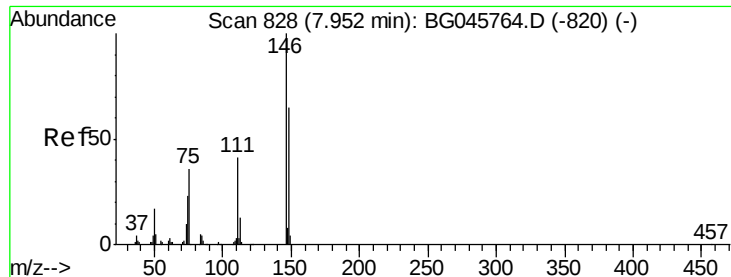
148 68.1 54.2 81.4

75 38.3 30.1 45.1



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

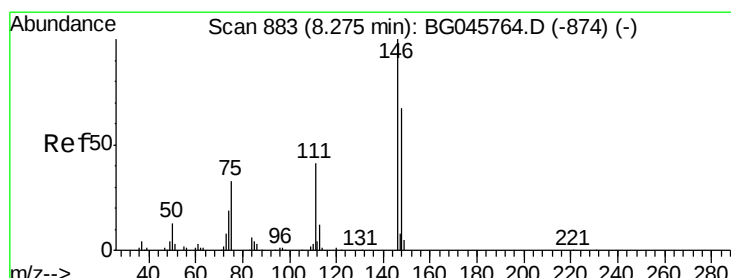
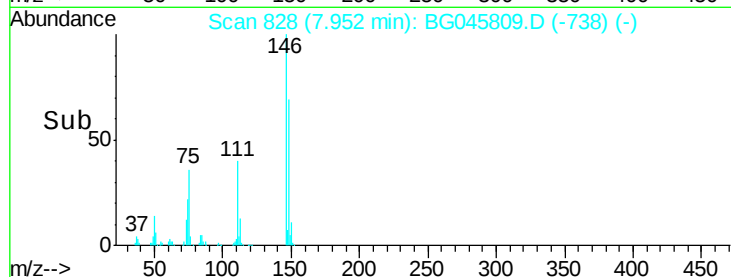
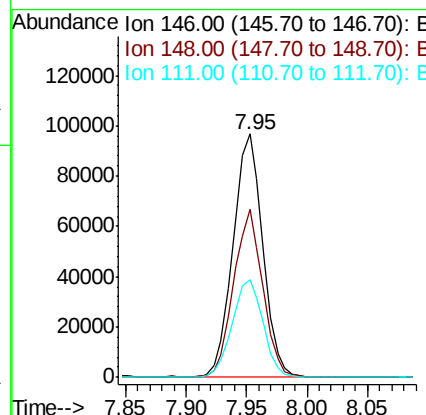
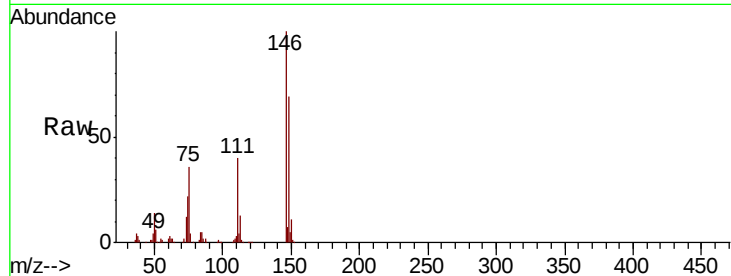




#13
 1,4-Dichlorobenzene
 Concen: 43.756 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

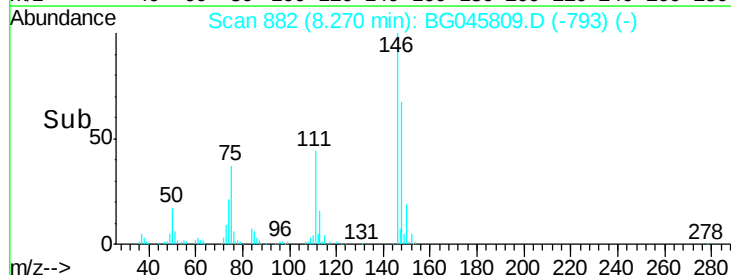
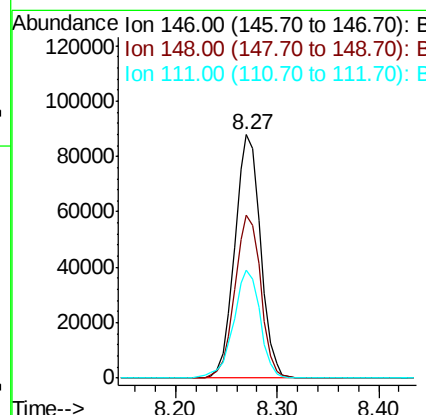
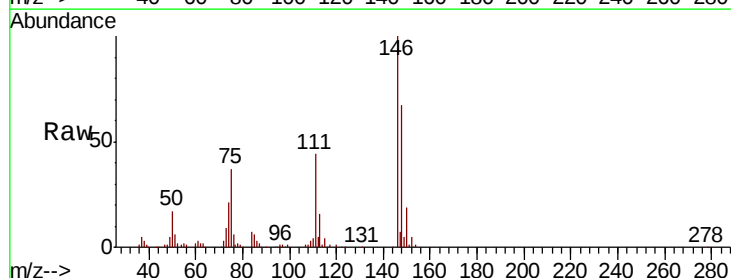
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

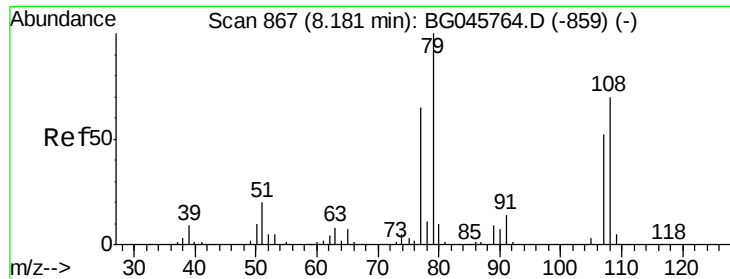
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.2	51.8	77.6
111	40.4	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.373 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	54.1	81.1
111	44.5	32.9	49.3





#15

Benzyl Alcohol

Concen: 41.732 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

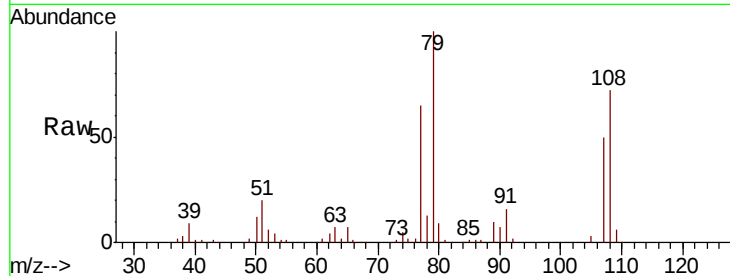
Tot Ion: 79 Resp: 146650

Ion Ratio Lower Upper

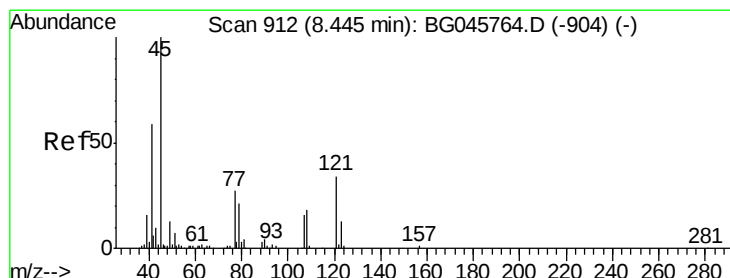
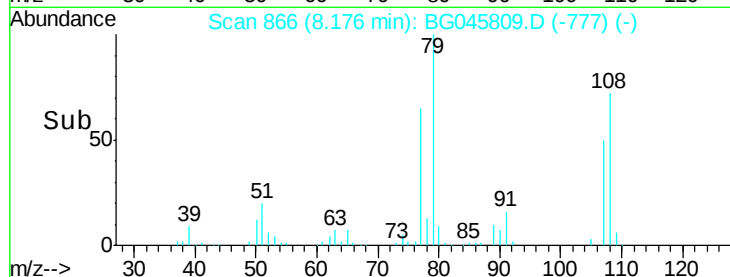
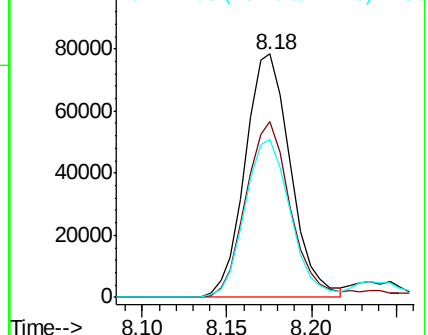
79 100

108 72.3 56.2 84.4

77 64.7 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.588 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

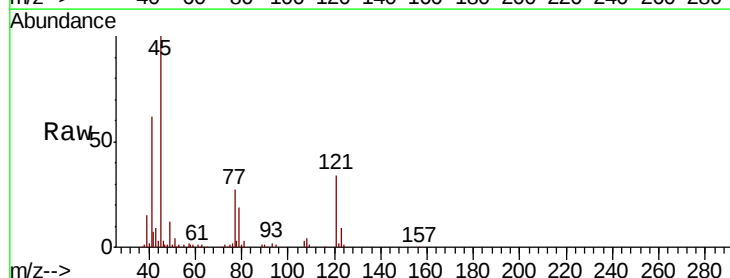
Tgt Ion: 45 Resp: 130992

Ion Ratio Lower Upper

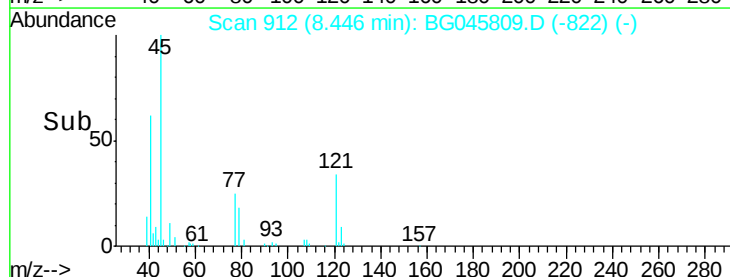
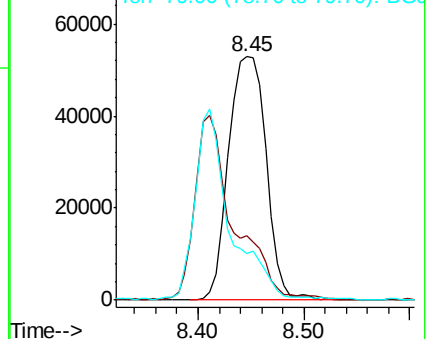
45 100

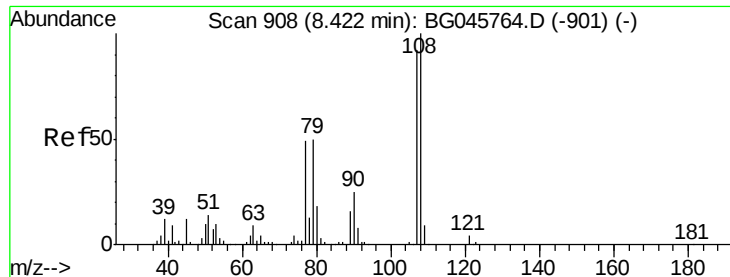
77 26.5 14.9 54.9

79 19.0 9.2 49.2



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





#17

2-Methylphenol

Concen: 40.615 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

Tot Ion:107 Resp: 132992

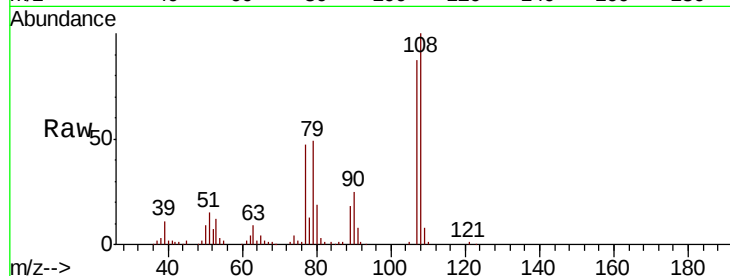
Ion Ratio Lower Upper

107 100

108 114.6 87.4 131.0

77 53.7 42.5 63.7

79 55.6 44.0 66.0

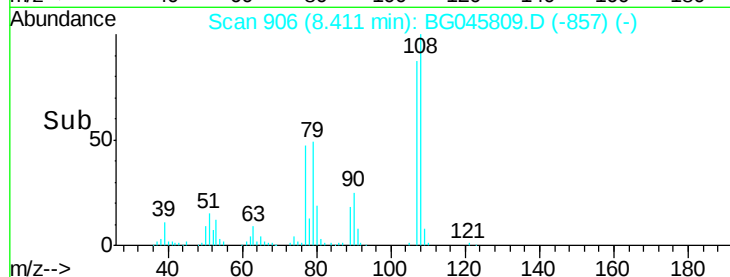


Abundance Ion 107.00 (106.70 to 107.70): E

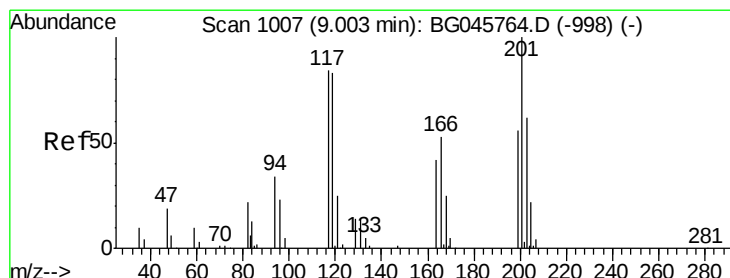
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.30 8.35 8.40 8.45 8.50



#18

Hexachloroethane

Concen: 42.597 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

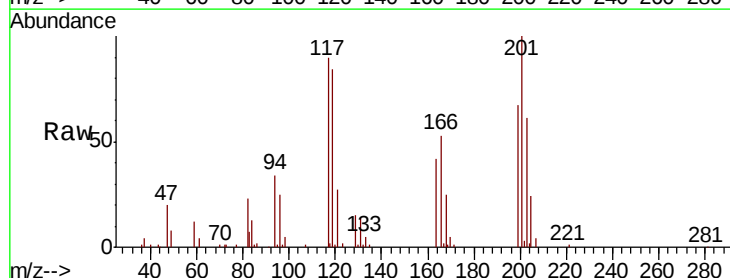
Tgt Ion:117 Resp: 61538

Ion Ratio Lower Upper

117 100

119 93.3 78.9 118.3

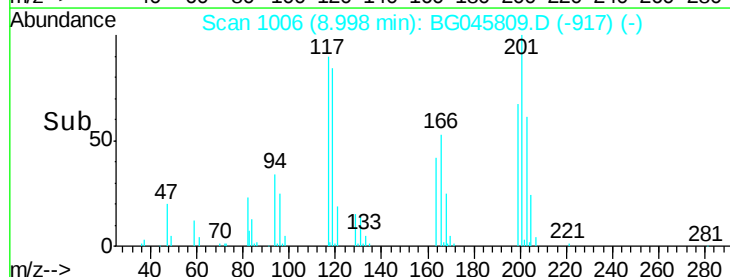
201 111.6 95.5 143.3



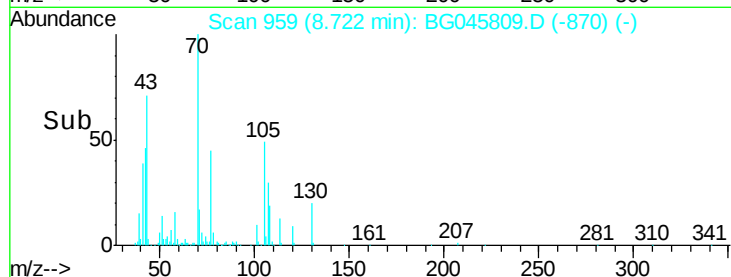
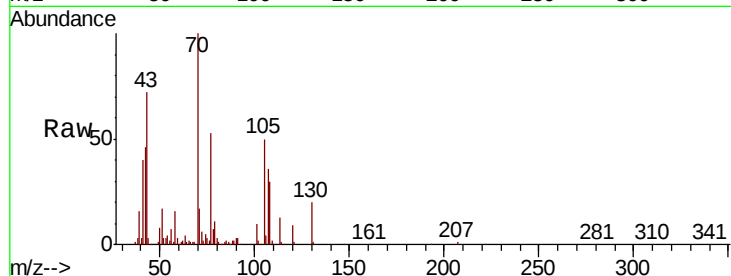
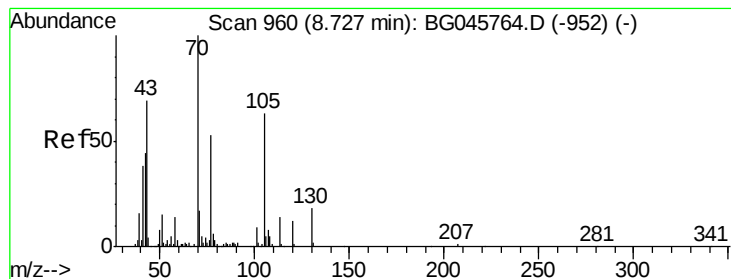
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time--> 8.95 9.00 9.05



#19

n-Nitroso-di-n-propylamine

Concen: 41.766 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

Tot Ion: 70 Resp: 124690

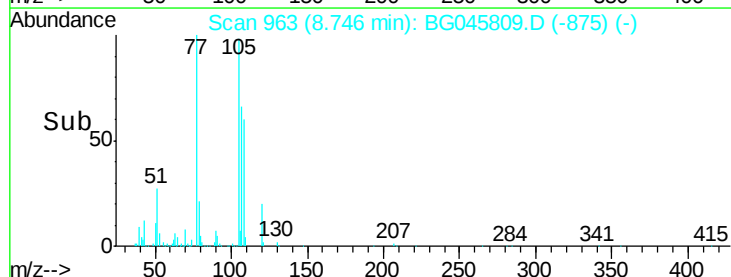
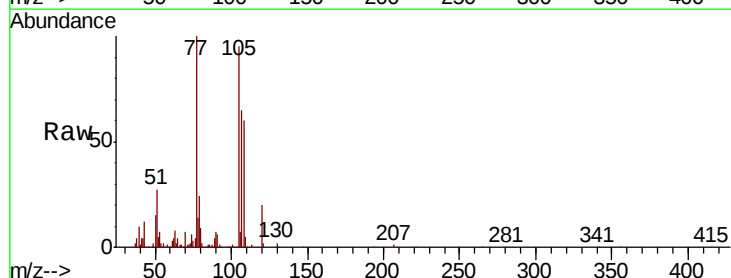
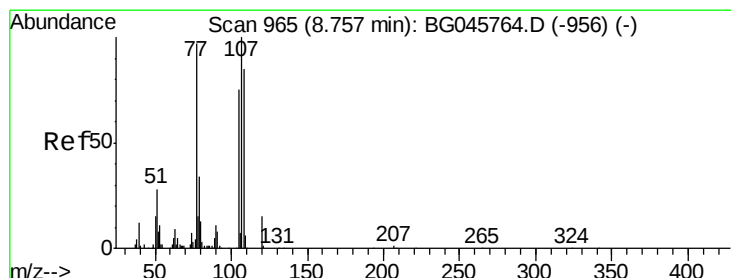
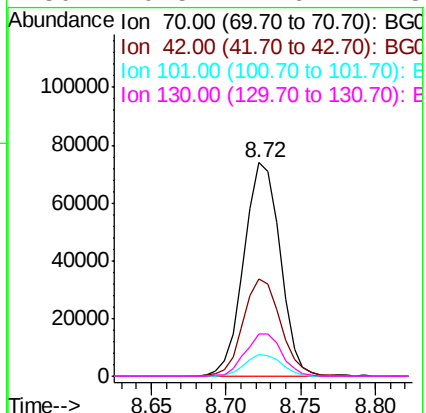
Ion Ratio Lower Upper

70 100

42 45.6 35.1 52.7

101 10.3 7.4 11.0

130 19.5 14.6 21.8



#20

3+4-Methylphenols

Concen: 40.358 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion: 107 Resp: 173799

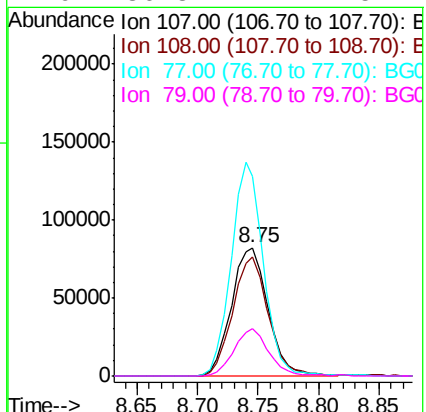
Ion Ratio Lower Upper

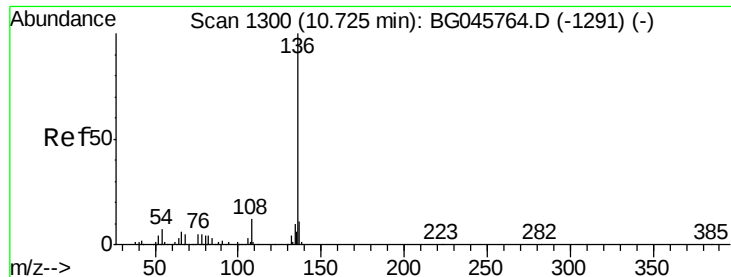
107 100

108 92.7 65.4 105.4

77 155.0 77.2 117.2#

79 36.8 14.2 54.2

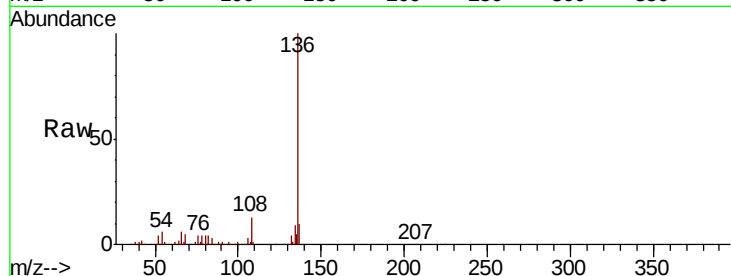




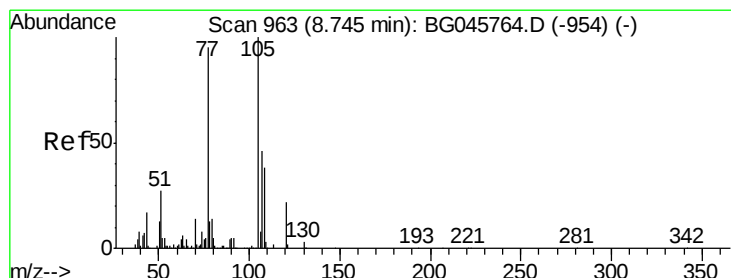
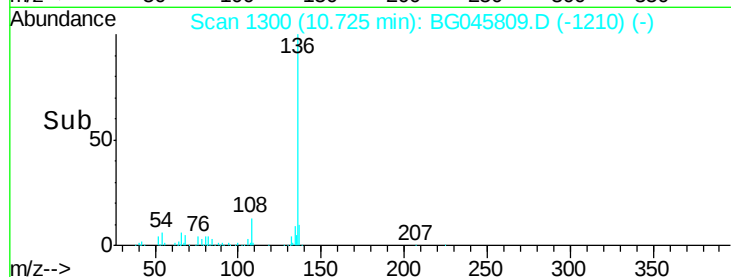
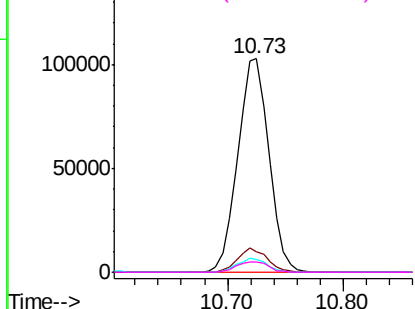
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion:136	Resp:	191802
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.7 13.1
54	6.1	5.8 8.6
68	4.6	4.0 6.0

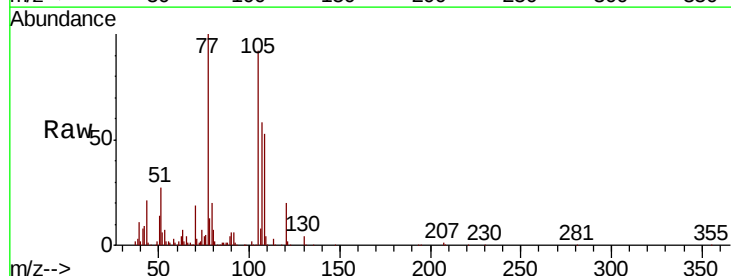


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

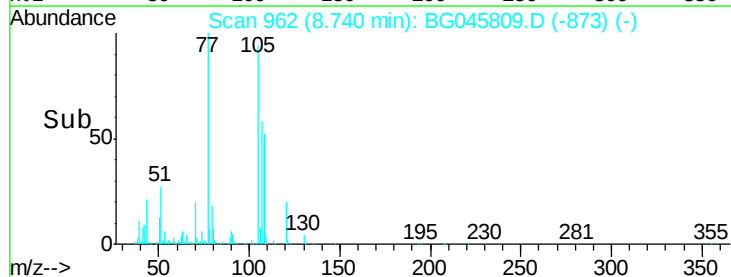
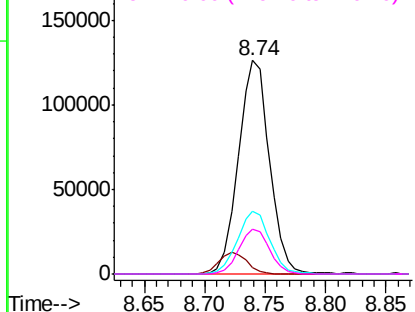


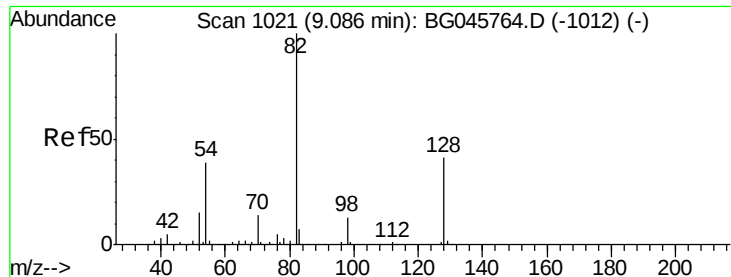
#22
Acetophenone
Concen: 43.062 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:105	Resp:	226697
Ion Ratio	Lower	Upper
105	100	
71	3.2	1.8 2.8#
51	29.5	21.9 32.9
120	21.2	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

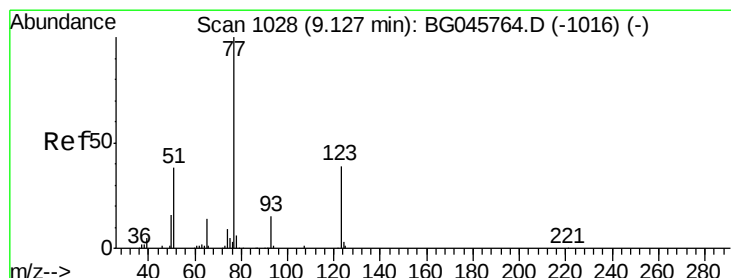
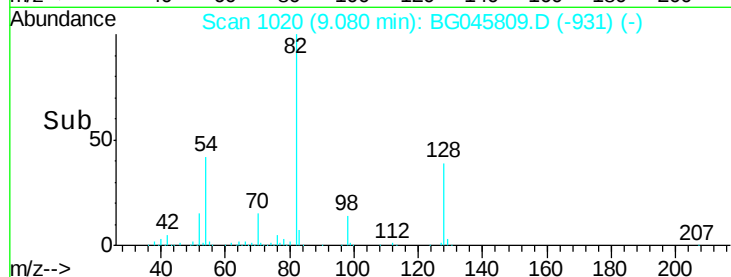
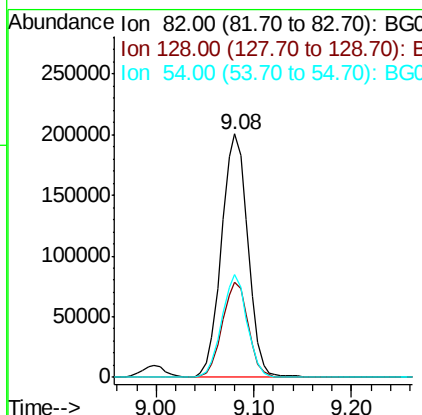
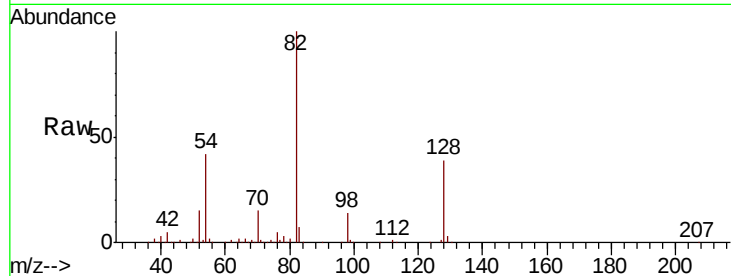




#23
Nitrobenzene-d5
Concen: 89.164 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

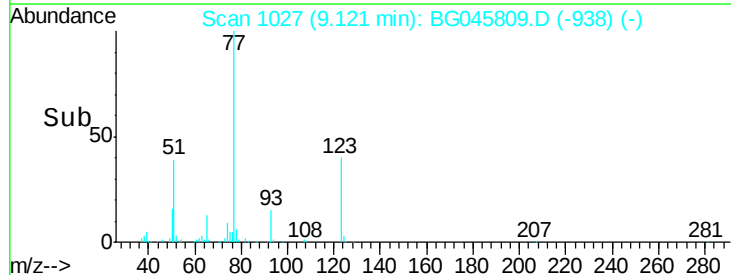
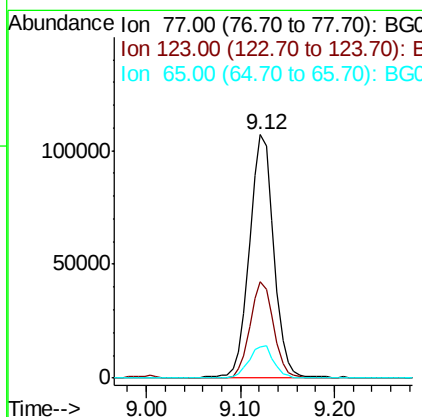
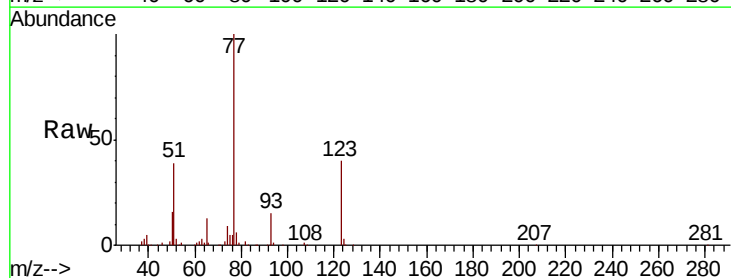
Instrument :
BNA_G
ClientSampleId :
PB129631BS

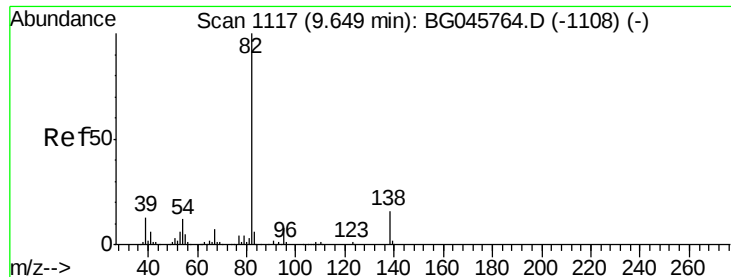
Tot Ion	82	Resp	374357
Ion Ratio	Lower	Upper	
82	100		
128	39.0	32.5	48.7
54	42.1	31.2	46.8



#24
Nitrobenzene
Concen: 42.919 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	77	Resp	192133
Ion Ratio	Lower	Upper	
77	100		
123	39.7	31.2	46.8
65	12.6	11.4	17.2





#25

Isophorone

Concen: 41.941 ng

RT: 9.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

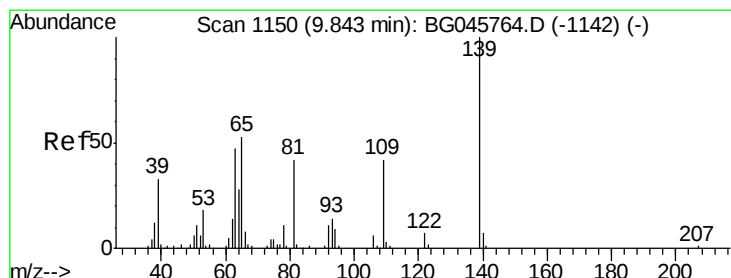
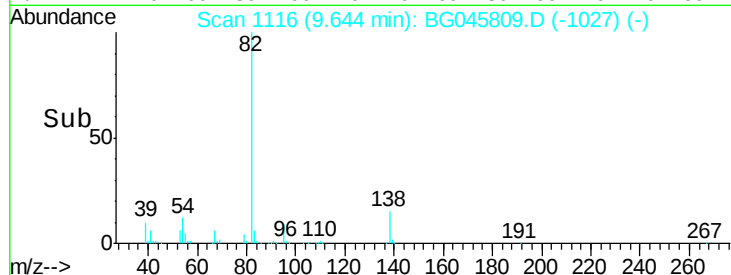
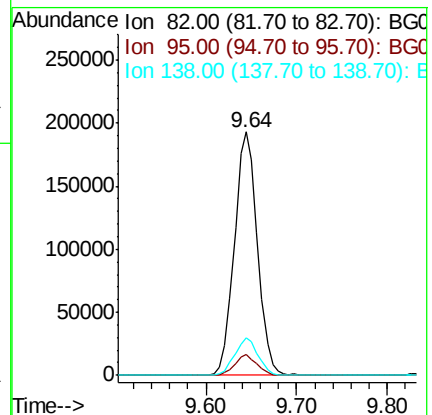
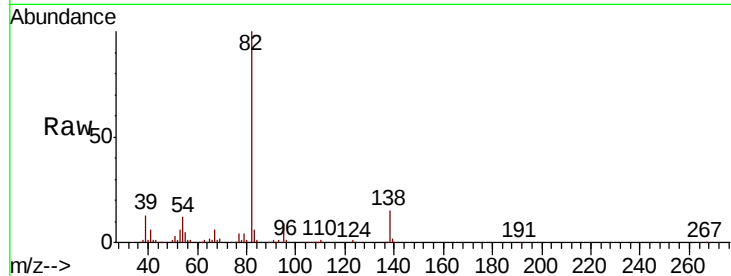
Tot Ion: 82 Resp: 340891

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.4

138 15.2 12.6 18.8



#26

2-Nitrophenol

Concen: 44.842 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

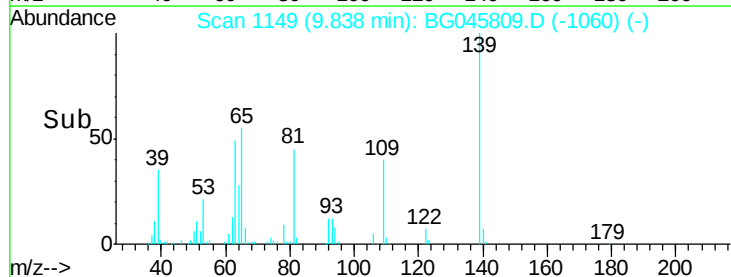
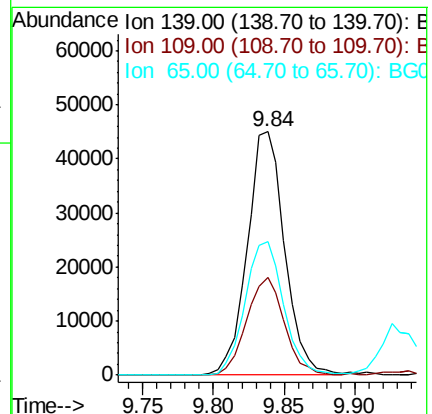
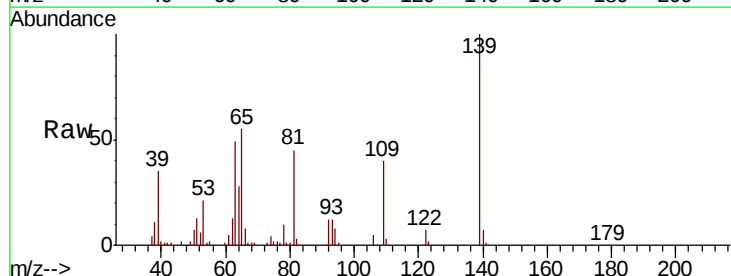
Tgt Ion: 139 Resp: 83631

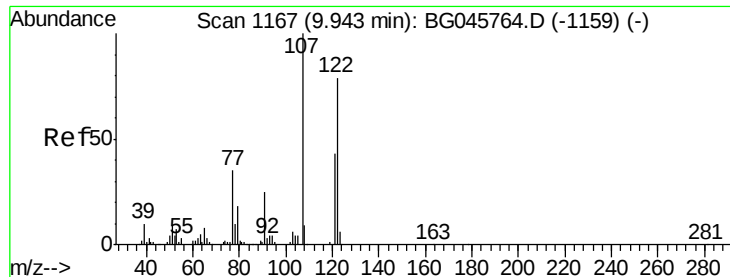
Ion Ratio Lower Upper

139 100

109 40.4 33.5 50.3

65 54.9 42.2 63.4

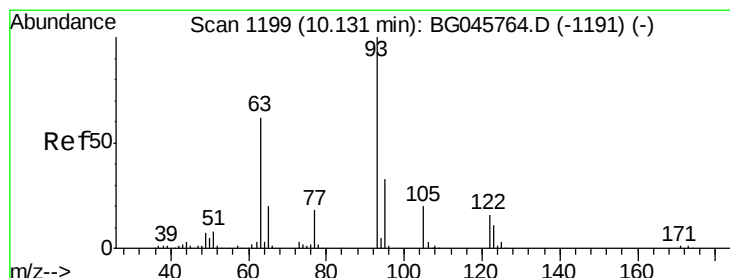
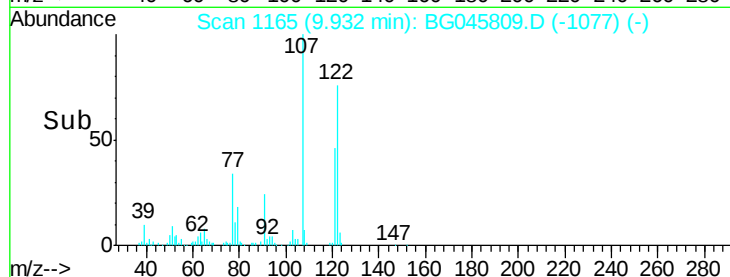
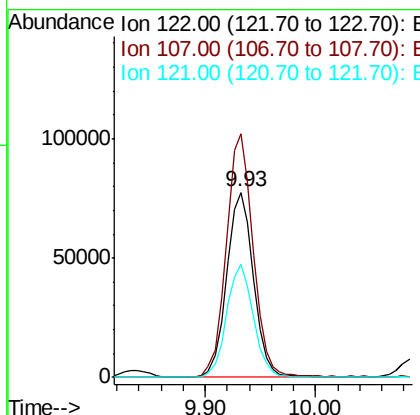
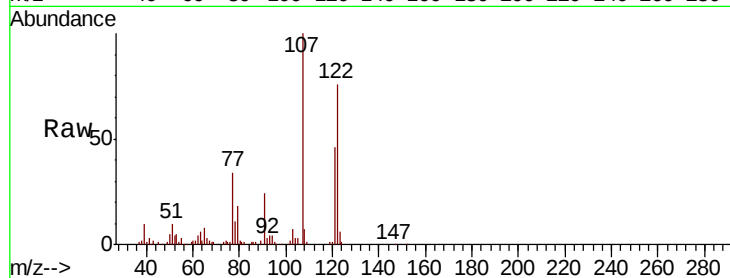




#27
 2,4-Dimethylphenol
 Concen: 46.603 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

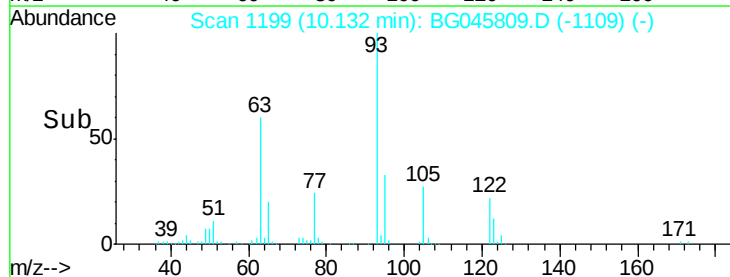
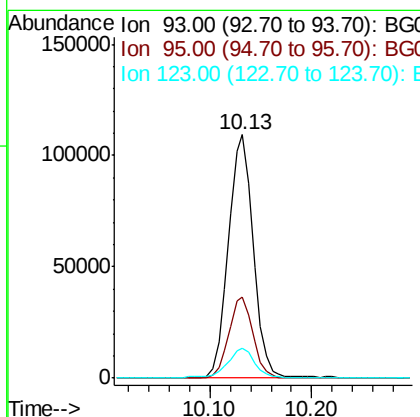
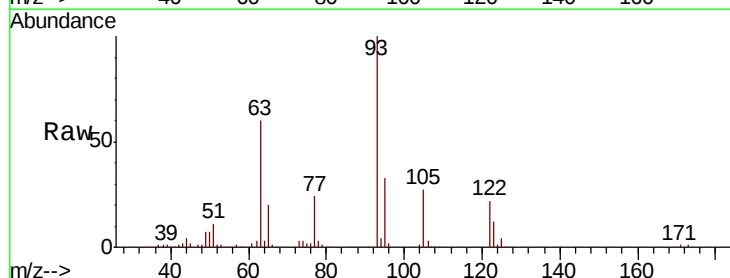
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

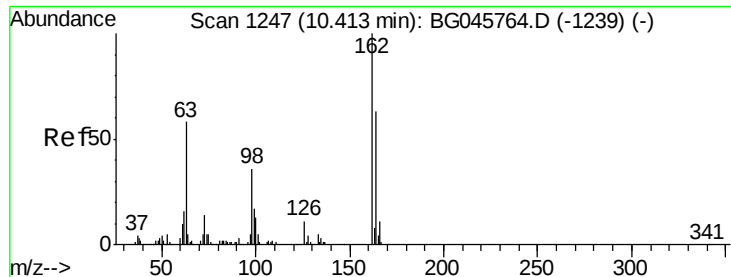
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.5	101.3	151.9
121	60.8	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.868 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.4	9.3	13.9

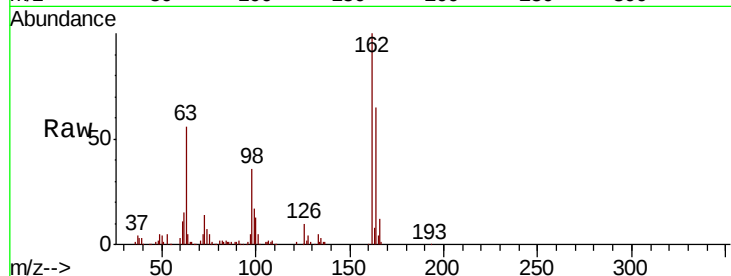




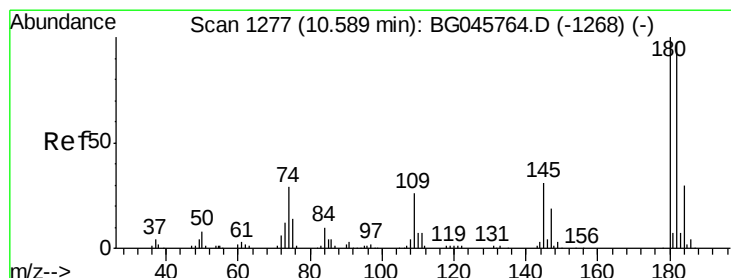
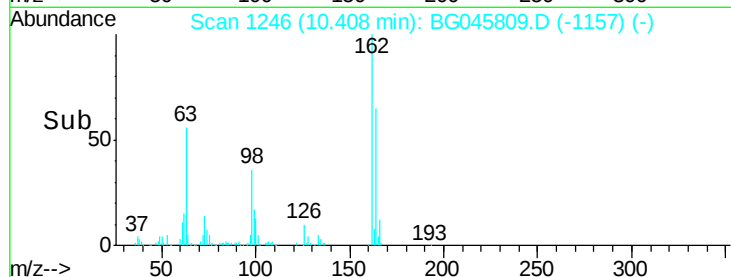
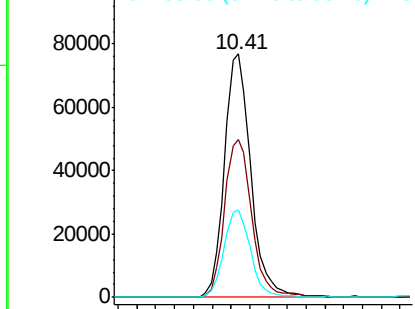
#29
2,4-Dichlorophenol
Concen: 45.337 ng
RT: 10.41 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	36.0	15.5	55.5

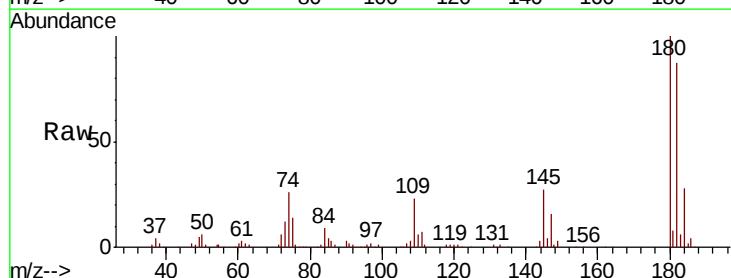


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

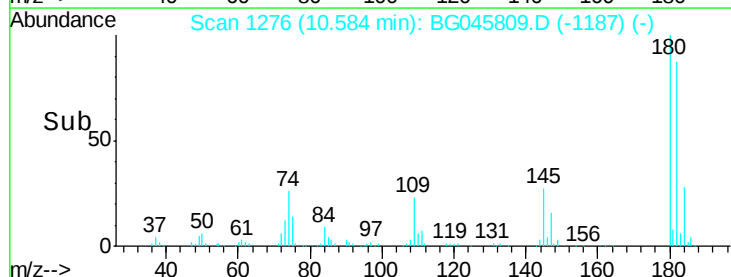
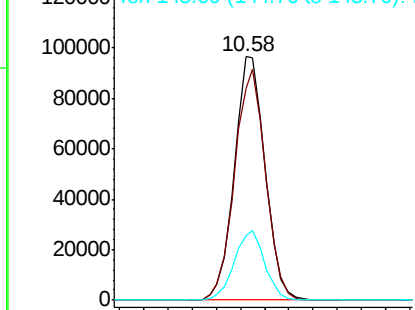


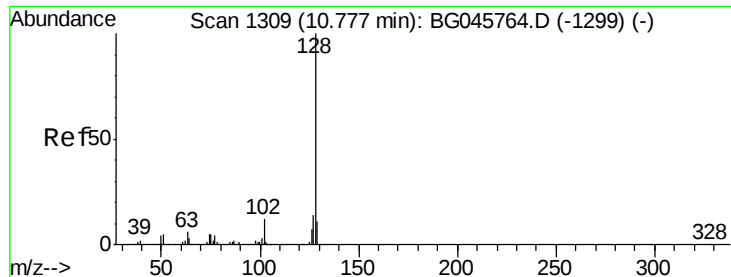
#30
1,2,4-Trichlorobenzene
Concen: 43.588 ng
RT: 10.58 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.7	77.8	116.6
145	26.6	24.5	36.7



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

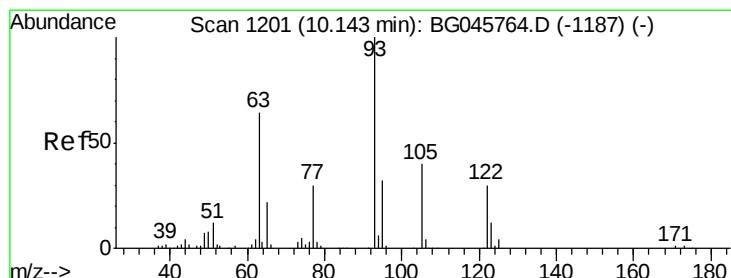
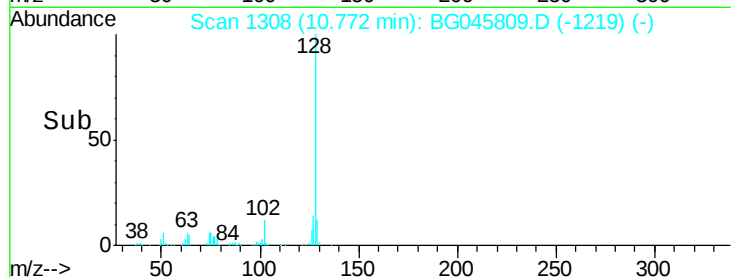
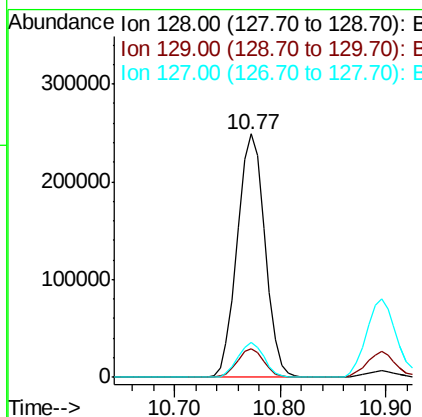
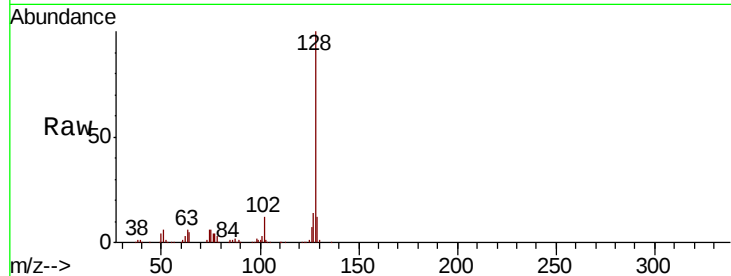




#31
Naphthalene
Concen: 42.922 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

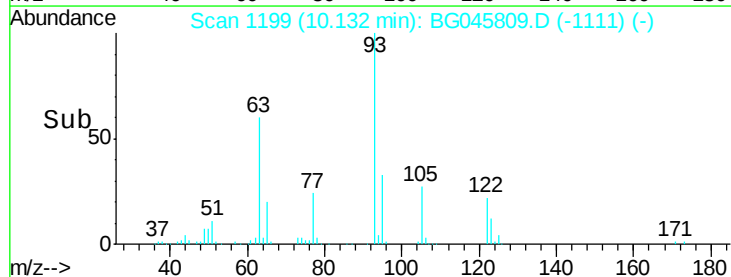
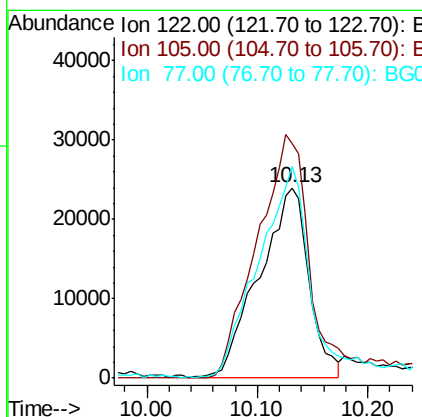
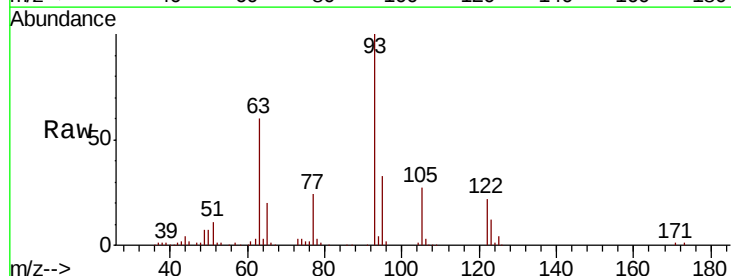
Instrument :
BNA_G
ClientSampleId :
PB129631BS

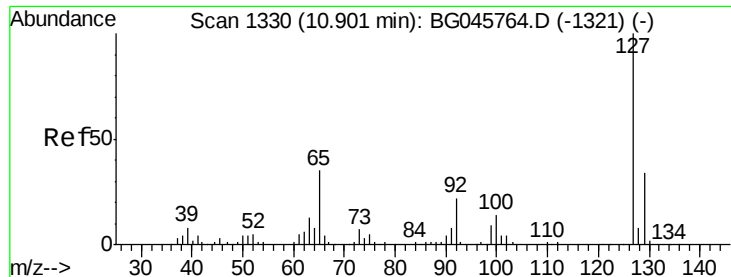
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	14.4	10.9	16.3



#32
Benzoic acid
Concen: 42.107 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	112.9	152.9
77	111.2	79.2	119.2

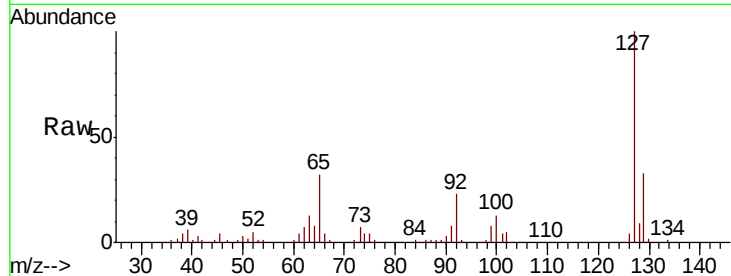




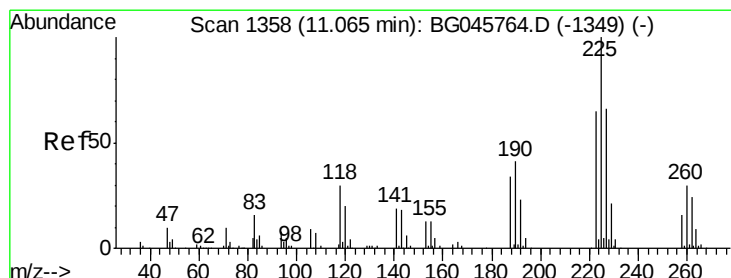
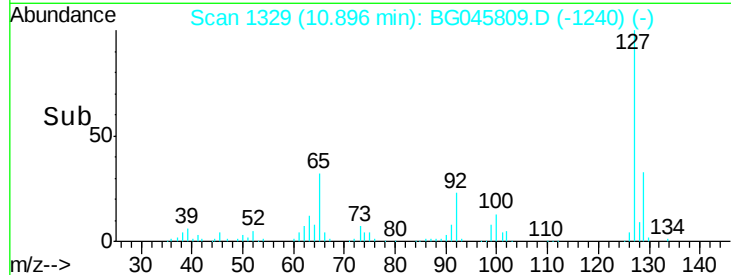
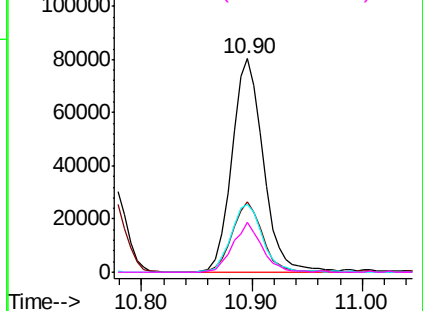
#33
4-Chloroaniline
Concen: 36.596 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion:	127	Resp:	160702
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	31.5	27.8	41.8
92	23.1	17.3	25.9

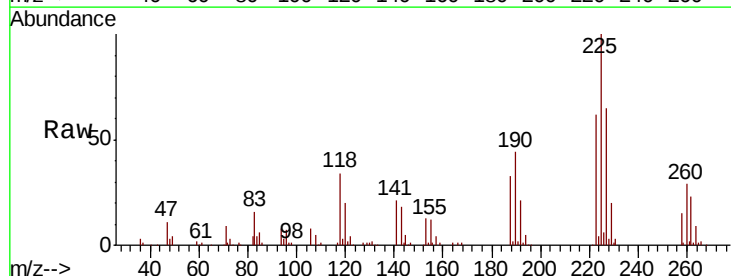


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

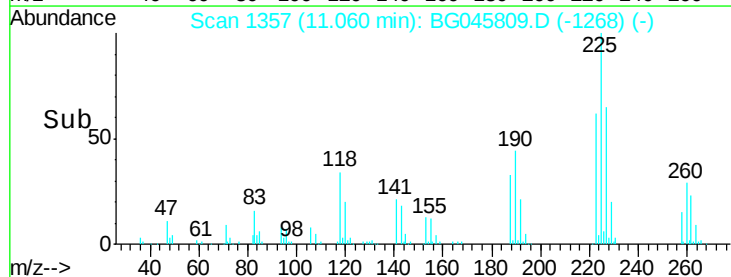
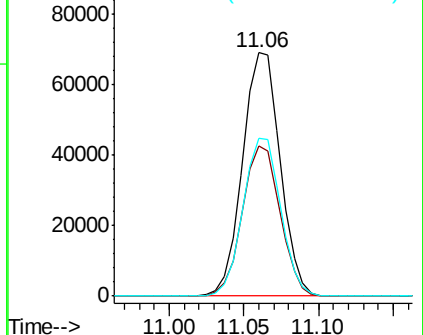


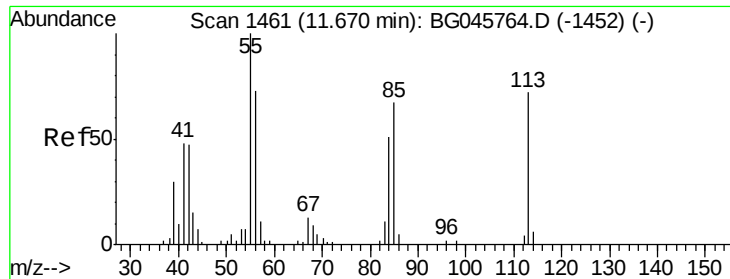
#34
Hexachlorobutadiene
Concen: 42.863 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:	225	Resp:	119887
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.0	78.0
227	64.7	52.5	78.7



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





#35

Caprolactam

Concen: 24.209 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

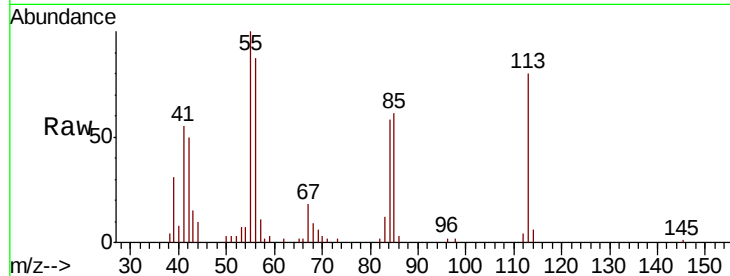
Tot Ion:113 Resp: 26025

Ion Ratio Lower Upper

113 100

55 125.4 119.7 159.7

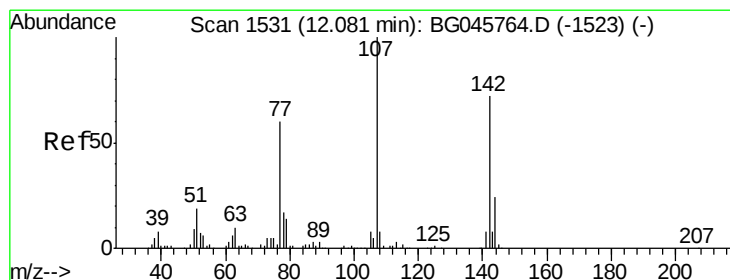
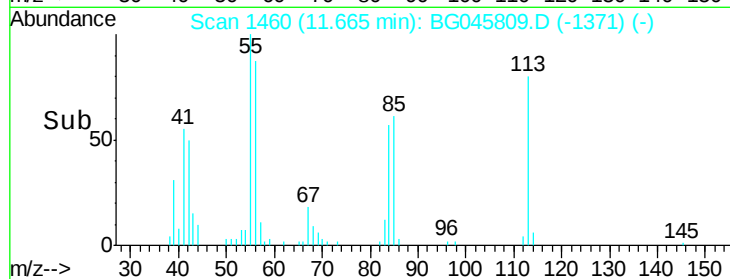
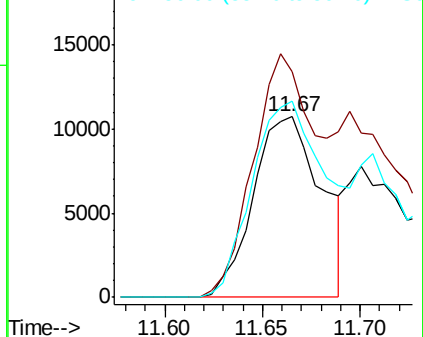
56 109.0 82.5 122.5



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: 44.951 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

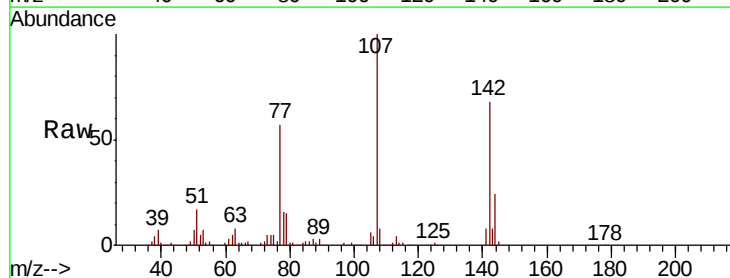
Tgt Ion:107 Resp: 172421

Ion Ratio Lower Upper

107 100

144 23.9 19.5 29.3

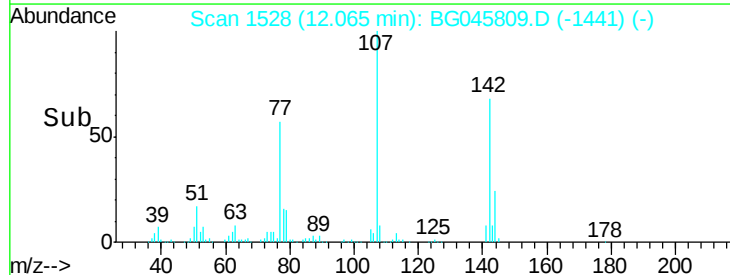
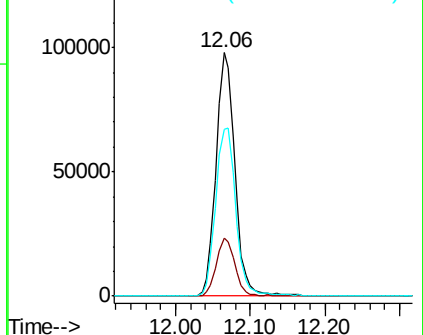
142 68.3 57.4 86.0

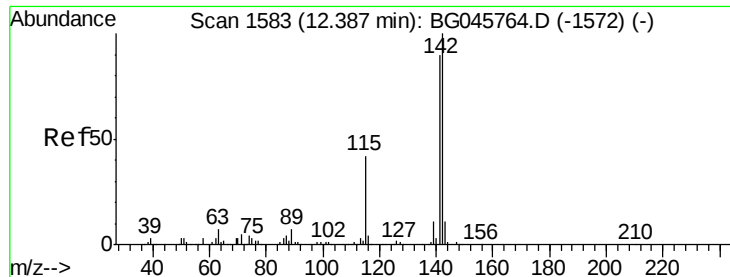


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

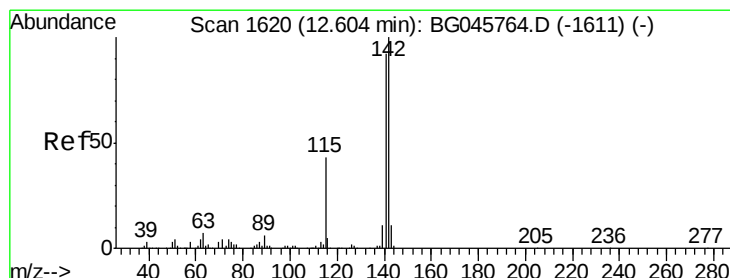
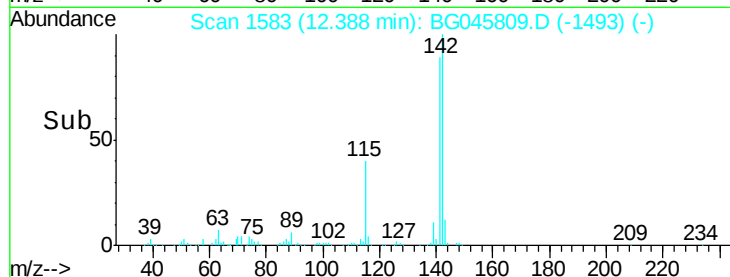
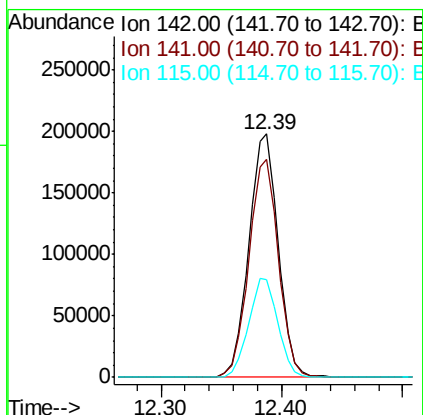
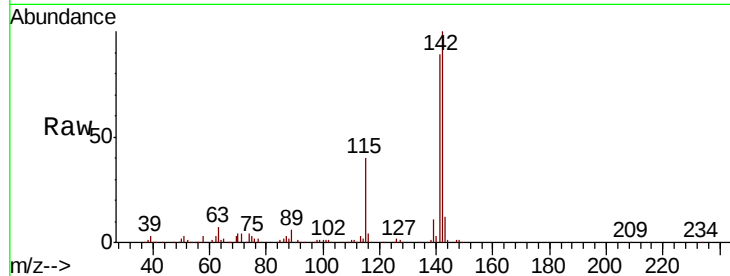




#37
2-Methylnaphthalene
Concen: 43.022 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

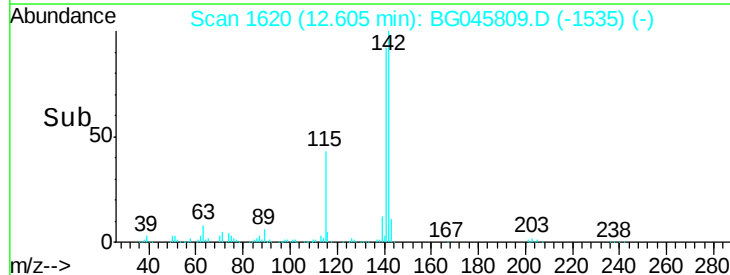
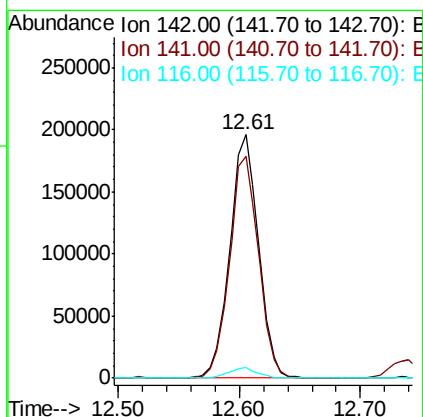
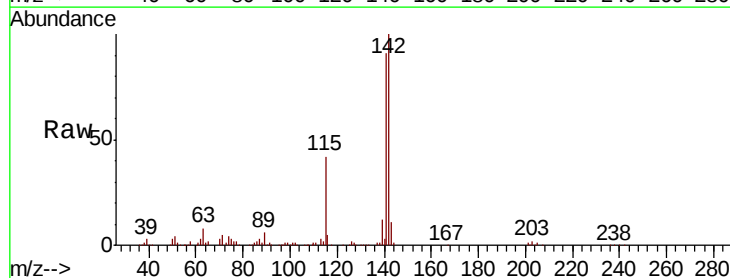
Instrument :
BNA_G
ClientSampleId :
PB129631BS

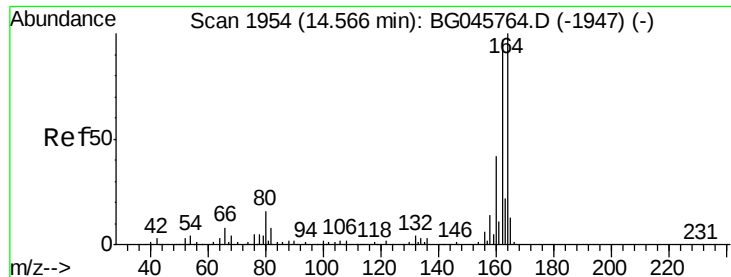
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5
115	40.3	33.8	50.6



#38
1-Methylnaphthalene
Concen: 43.575 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.8
116	4.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

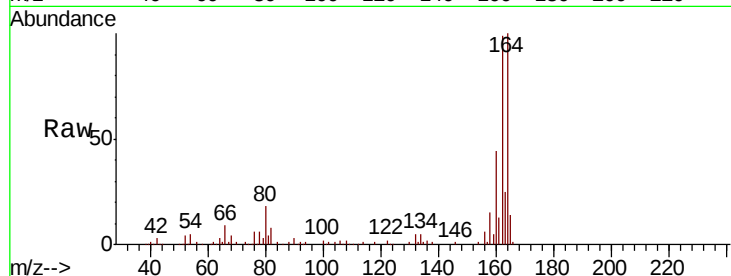
Tot Ion:164 Resp: 133406

Ion Ratio Lower Upper

164 100

162 99.4 77.4 116.0

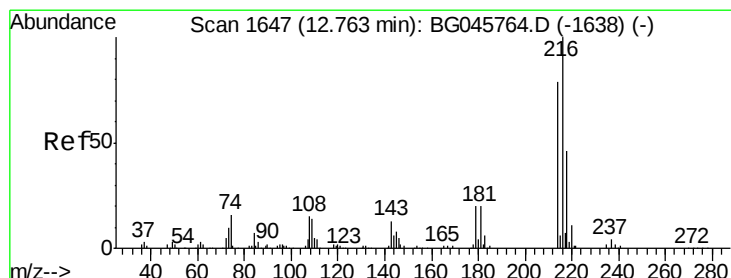
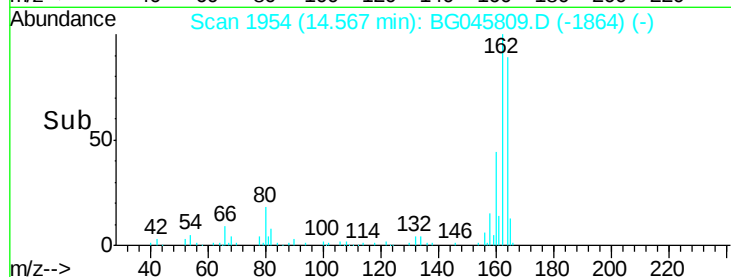
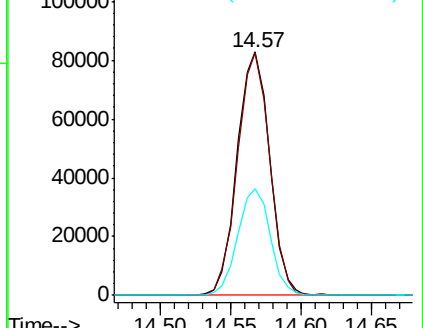
160 44.0 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.237 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion:216 Resp: 189930

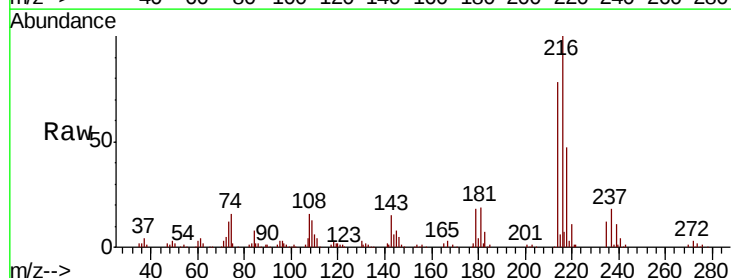
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 19.5 16.2 24.4

108 18.7 13.4 20.2

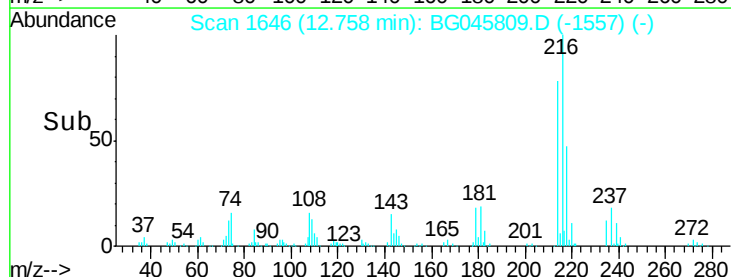
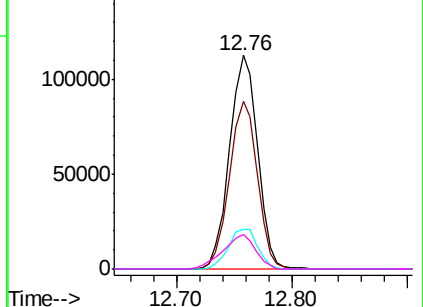


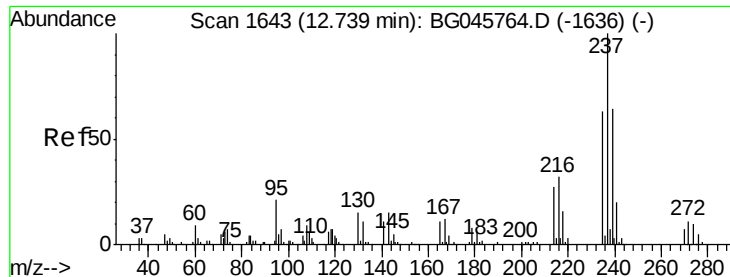
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.299 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

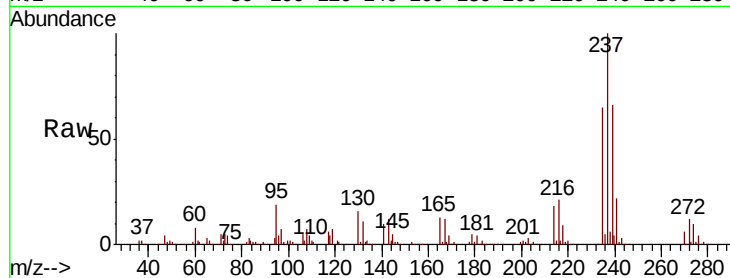
BNA_G

ClientSampleId :

PB129631BS

Tot Ion:237 Resp: 227466

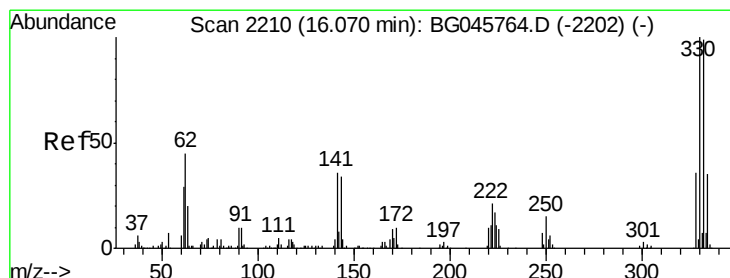
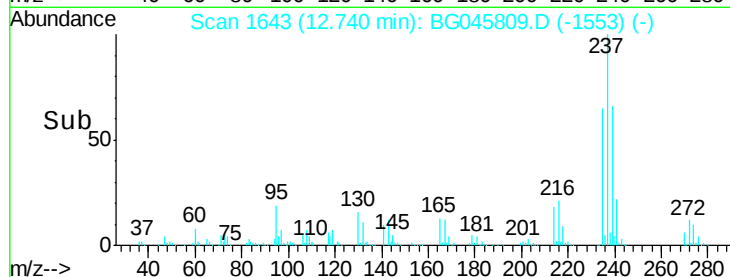
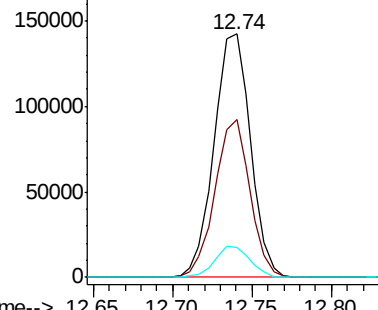
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.9	82.9
272	12.2	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.224 ng

RT: 16.07 min Scan# 2210

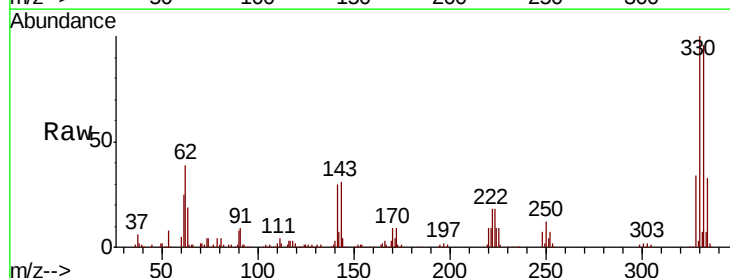
Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion:330 Resp: 268324

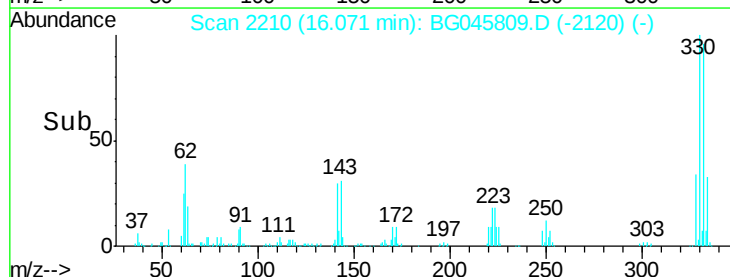
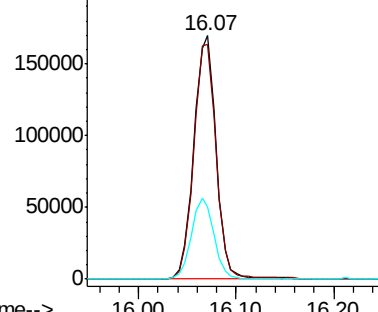
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	33.9	28.2	42.4

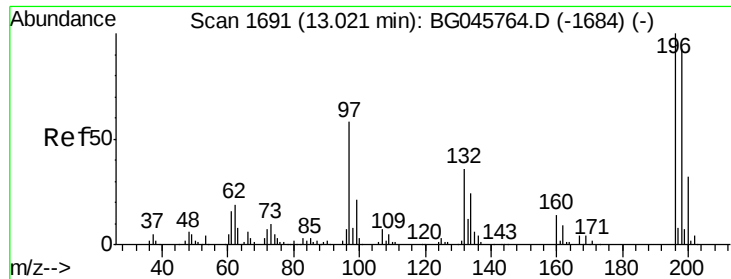


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

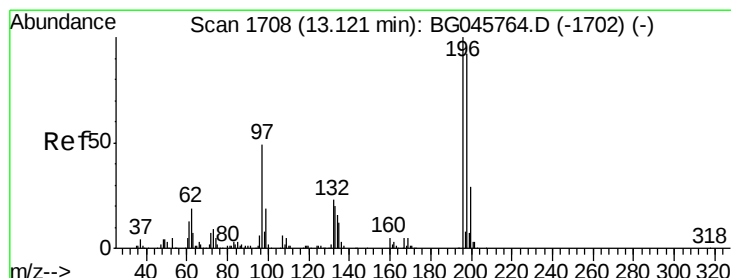
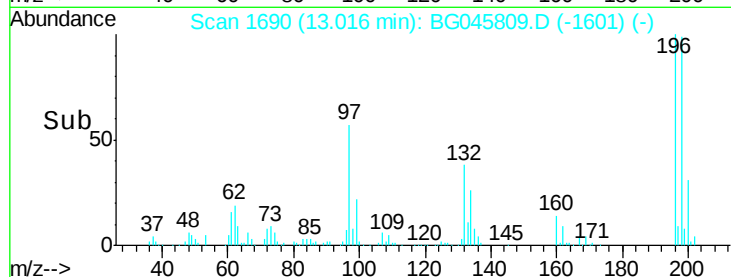
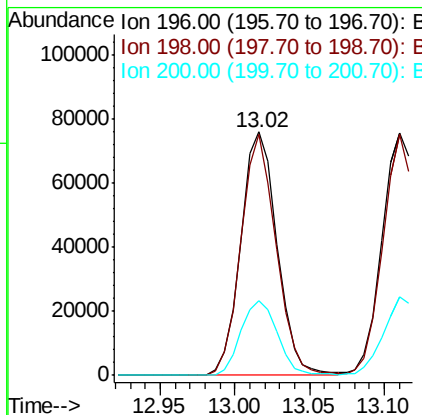
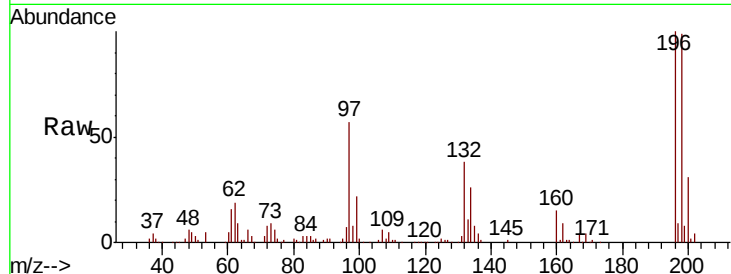




#43
 2,4,6-Trichlorophenol
 Concen: 42.985 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

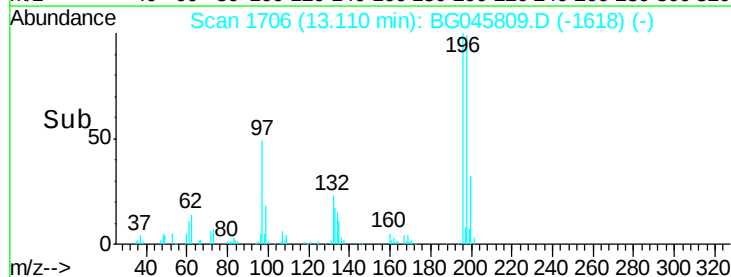
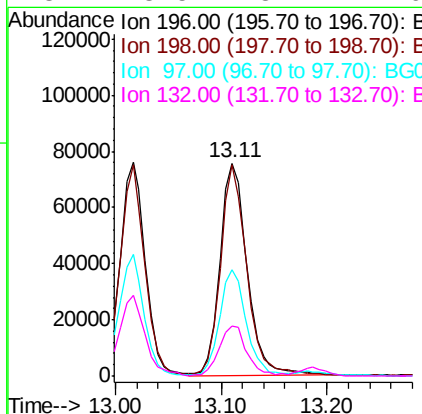
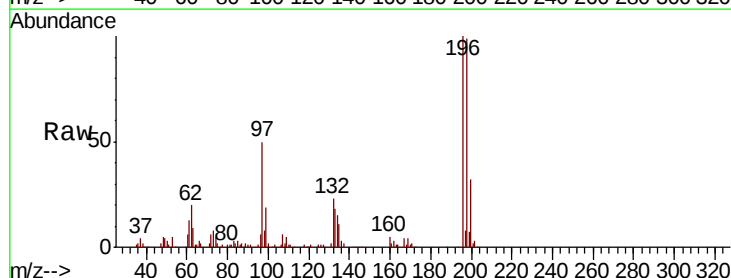
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

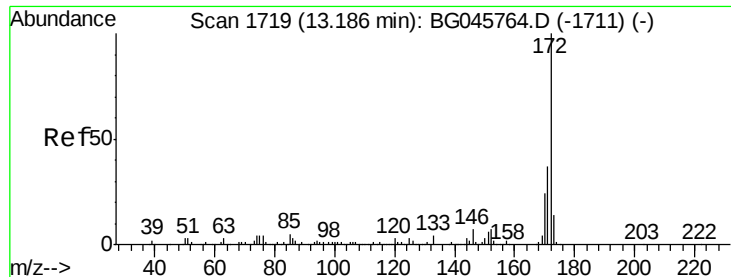
Tot Ion:196 Resp: 128023
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.4 111.6
 200 30.8 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.784 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion:196 Resp: 135044
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.0 111.0
 97 50.1 39.0 58.6
 132 23.5 18.4 27.6

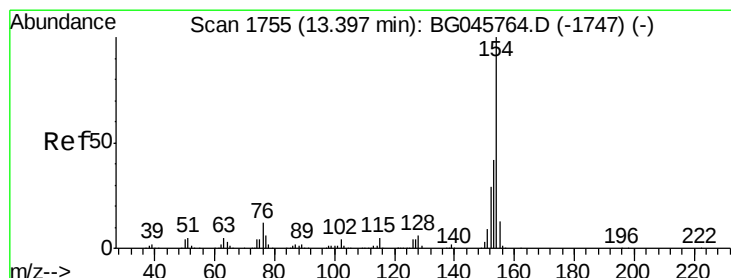
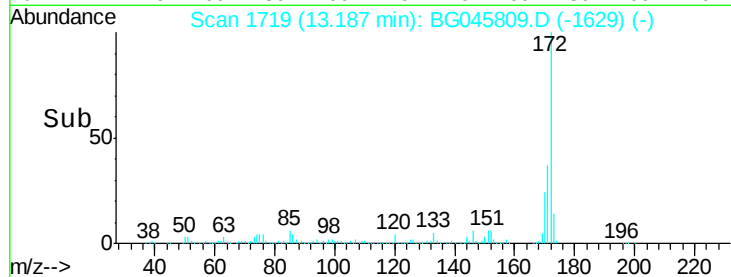
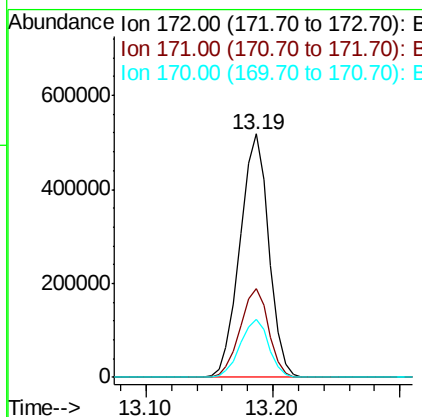
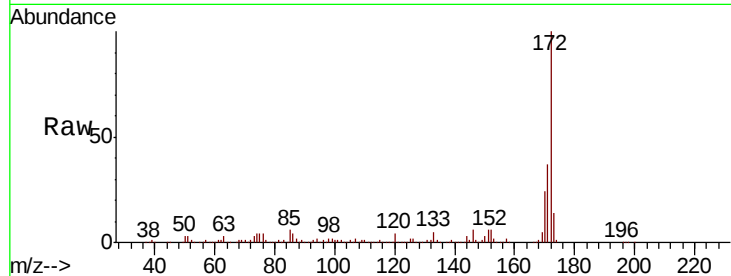




#45
 2-Fluorobiphenyl
 Concen: 89.879 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

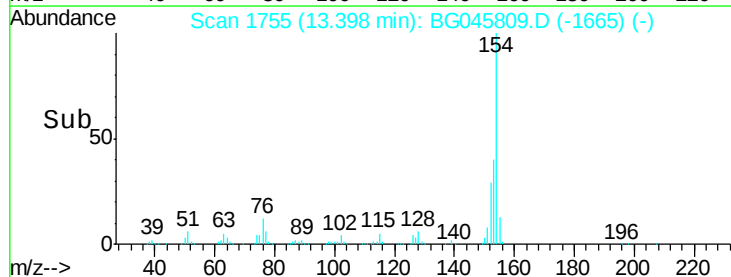
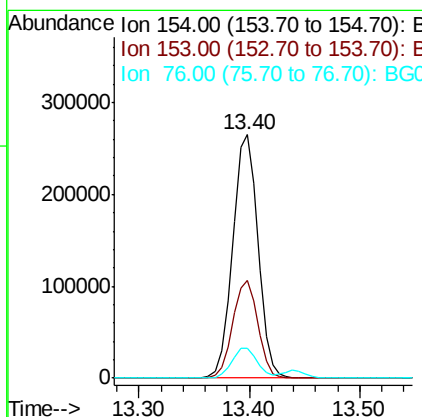
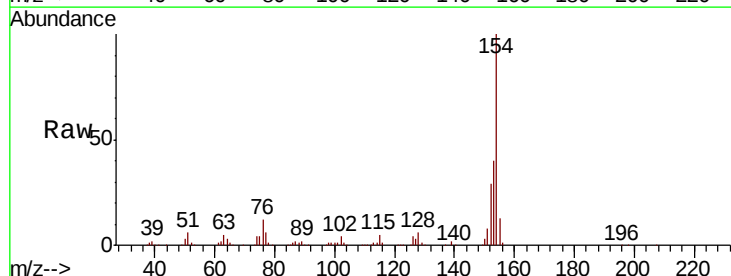
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

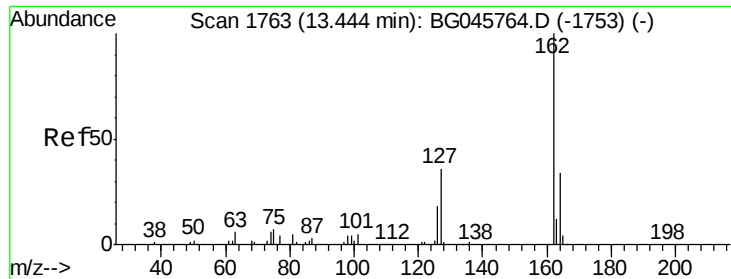
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.7	19.3	28.9



#46
 1,1'-Biphenyl
 Concen: 44.642 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.7	61.7
76	12.1	0.0	32.0

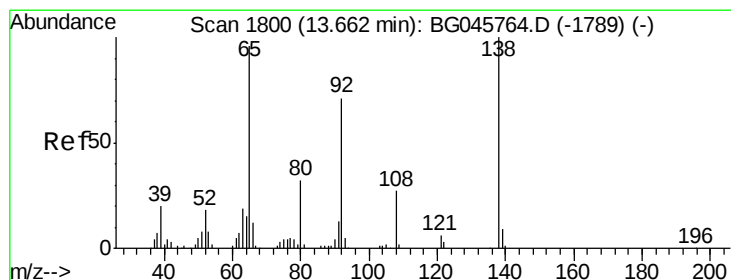
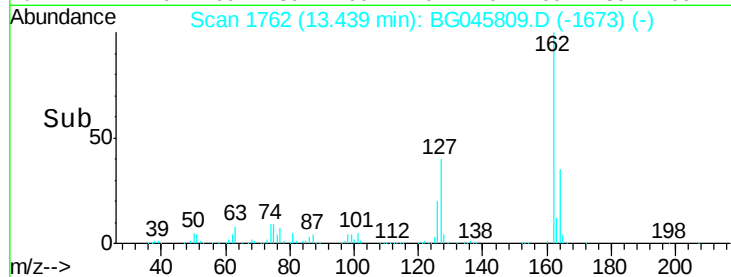
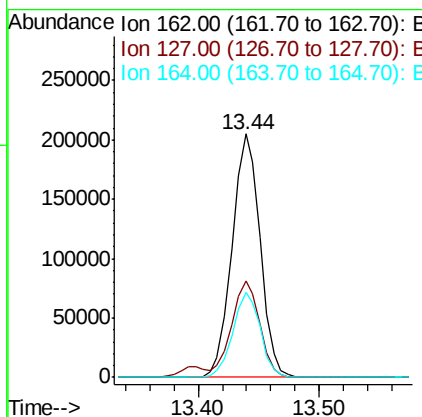
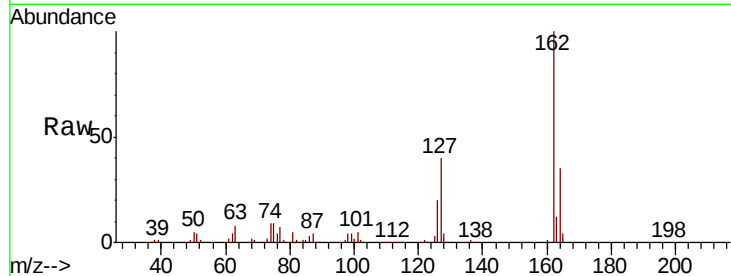




#47
2-Chloronaphthalene
Concen: 43.003 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

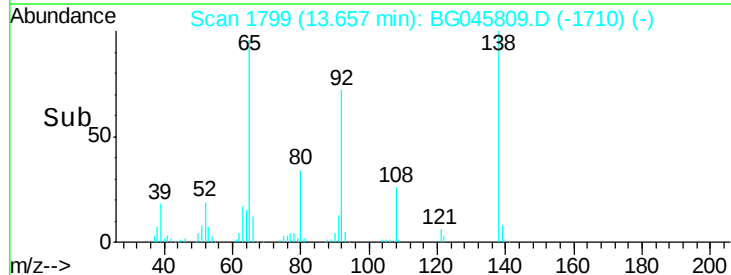
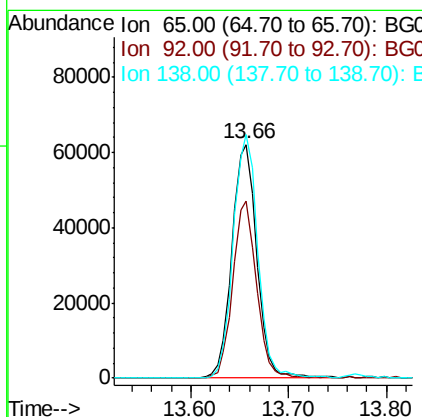
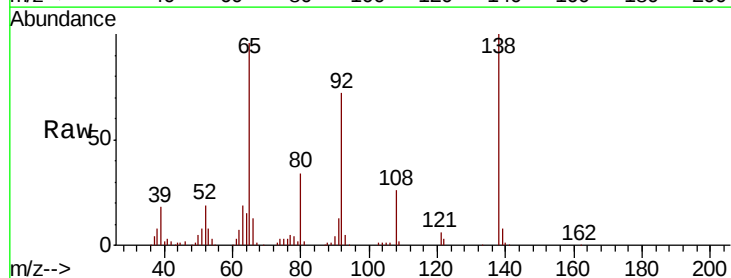
Instrument :
BNA_G
ClientSampleId :
PB129631BS

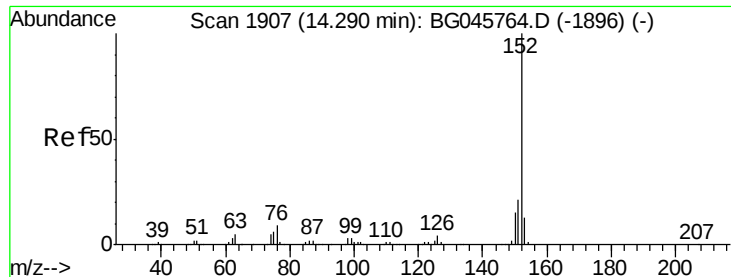
Tot Ion:162 Resp: 331781
Ion Ratio Lower Upper
162 100
127 39.7 30.5 45.7
164 34.8 27.2 40.8



#48
2-Nitroaniline
Concen: 42.945 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion: 65 Resp: 110213
Ion Ratio Lower Upper
65 100
92 75.6 59.0 88.6
138 104.3 83.6 125.4





#49

Acenaphthylene

Concen: 43.111 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

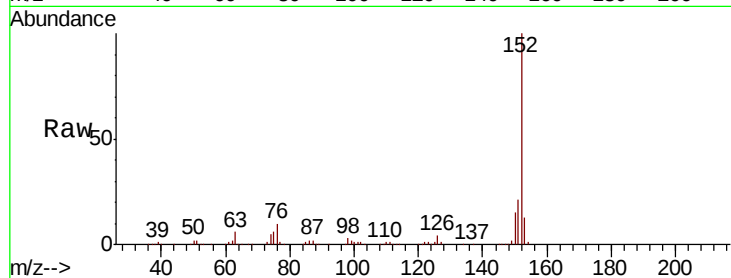
Tot Ion:152 Resp: 532755

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

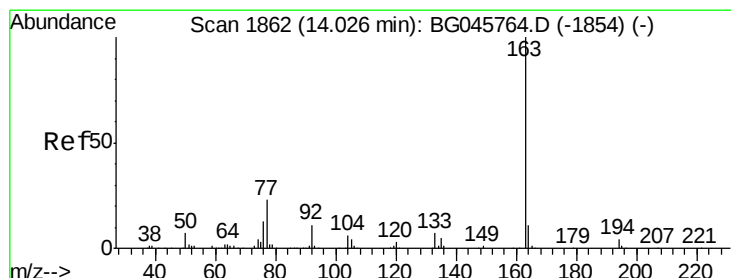
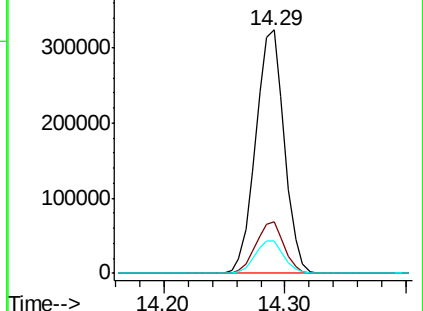
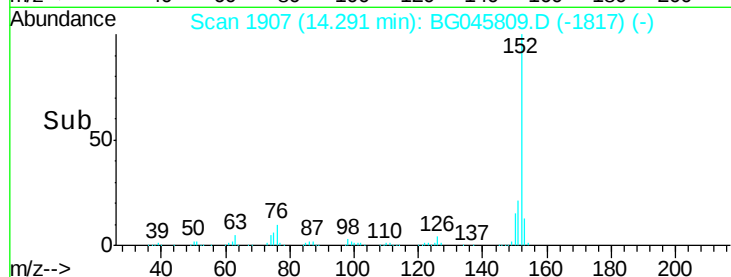
153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.267 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

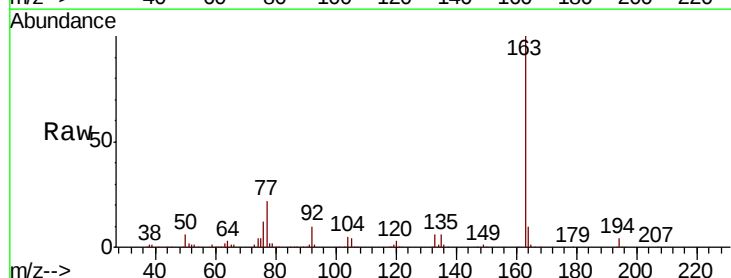
Tgt Ion:163 Resp: 452185

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

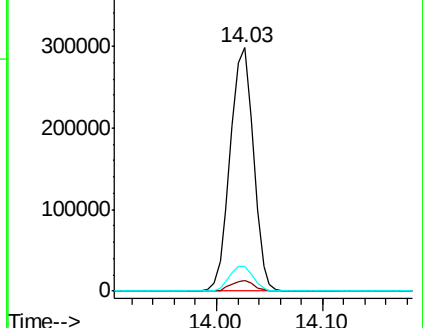
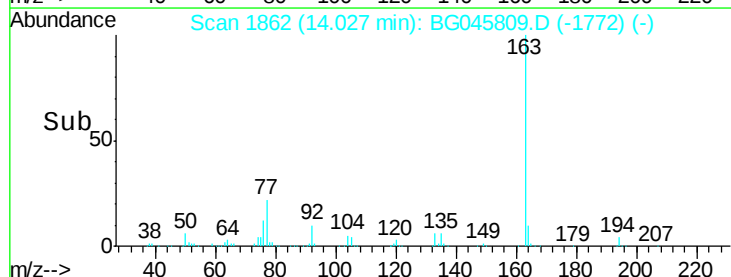
164 10.1 8.9 13.3

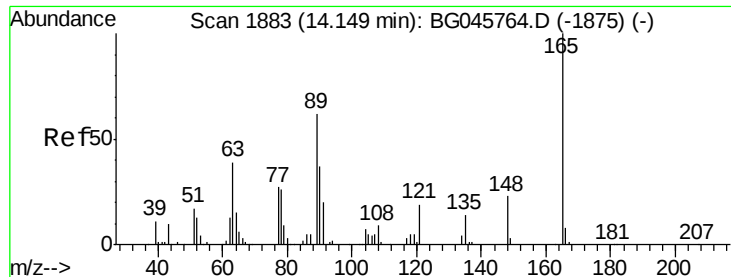


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

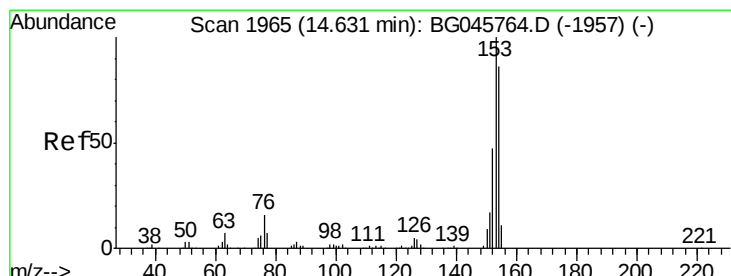
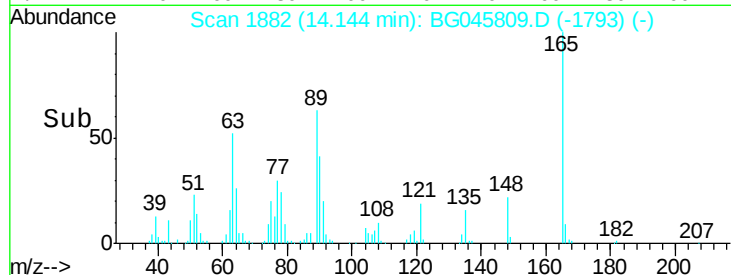
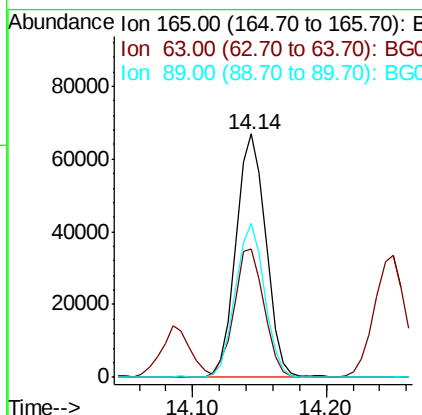
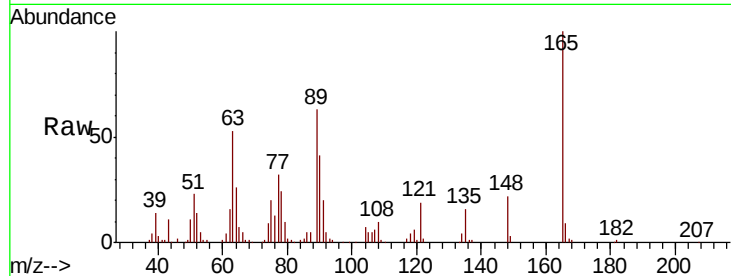




#51
 2,6-Dinitrotoluene
 Concen: 44.265 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

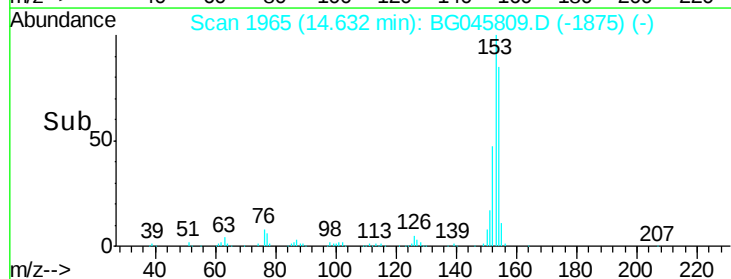
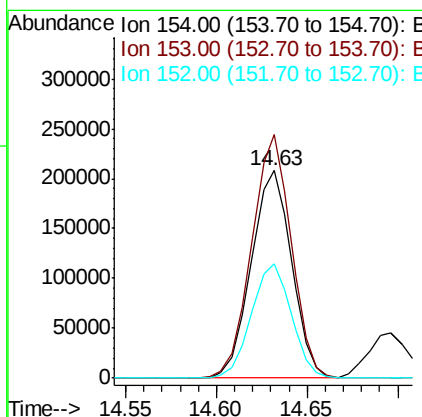
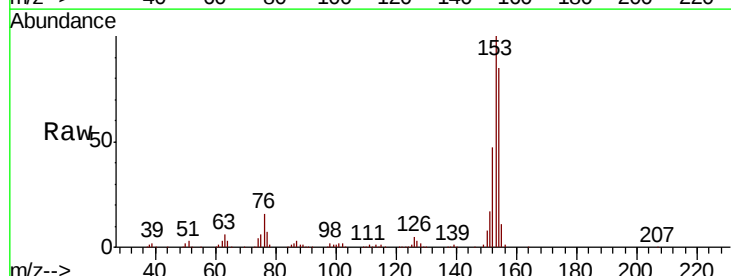
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

Tot Ion:165 Resp: 103904
 Ion Ratio Lower Upper
 165 100
 63 52.6 41.2 61.8
 89 63.2 49.7 74.5



#52
 Acenaphthene
 Concen: 42.933 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion:154 Resp: 321596
 Ion Ratio Lower Upper
 154 100
 153 117.3 93.0 139.4
 152 55.1 43.7 65.5

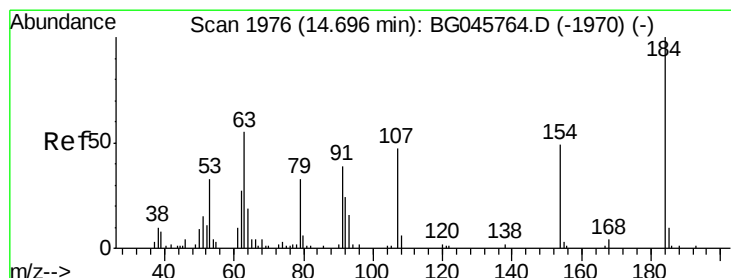
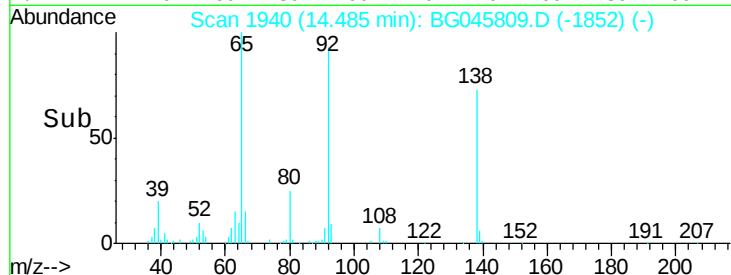
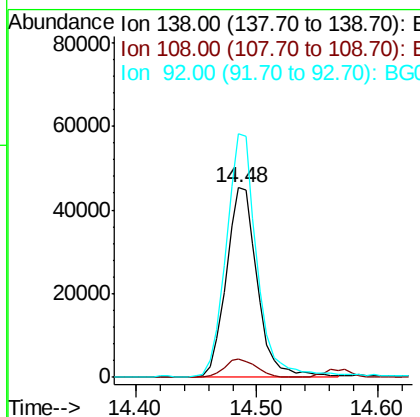
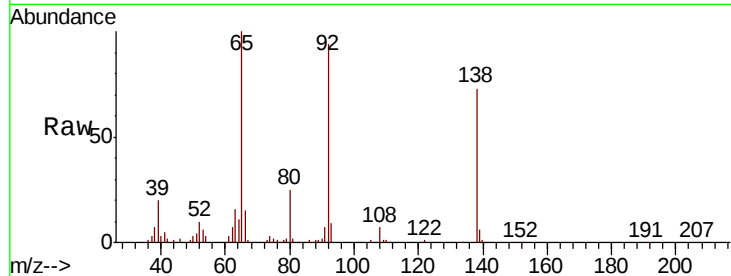




#53
3-Nitroaniline
Concen: 34.676 ng
RT: 14.48 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

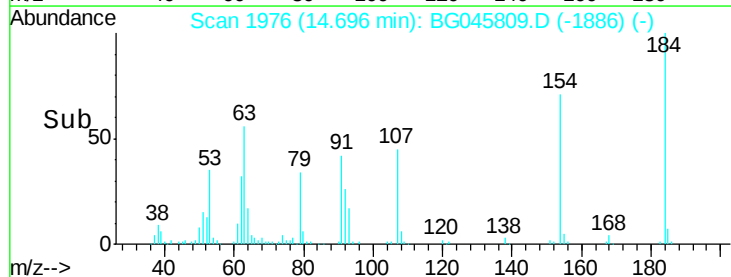
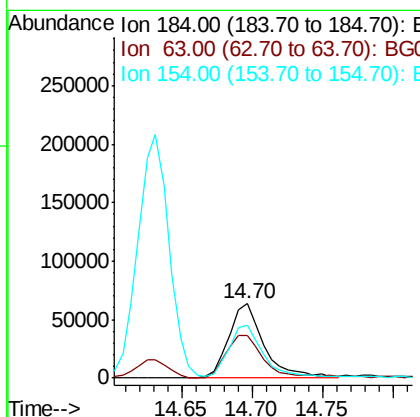
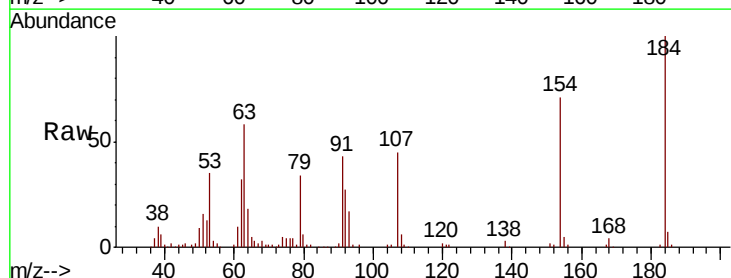
Instrument :
BNA_G
ClientSampleId :
PB129631BS

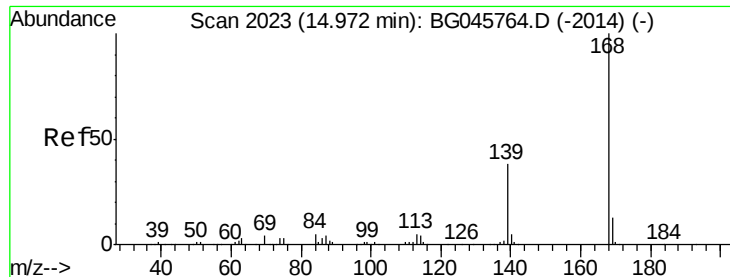
Tot Ion:138 Resp: 81301
Ion Ratio Lower Upper
138 100
108 9.8 8.4 12.6
92 128.3 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 84.516 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:184 Resp: 111168
Ion Ratio Lower Upper
184 100
63 58.2 46.6 70.0
154 70.8 58.6 87.8

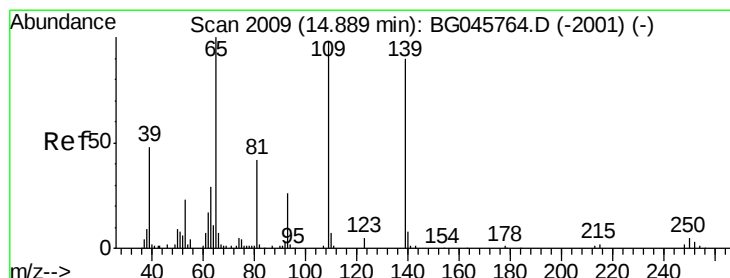
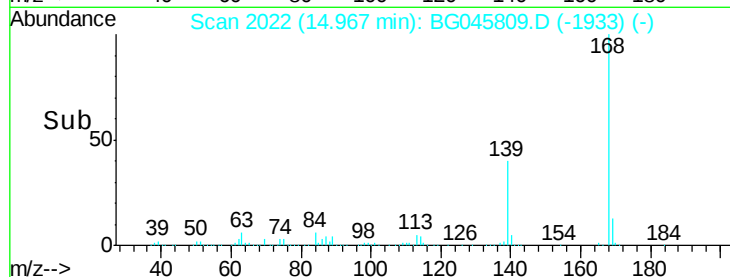
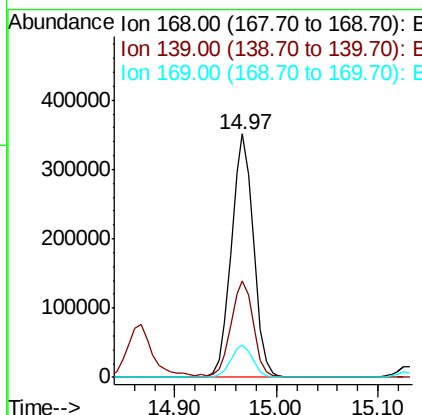
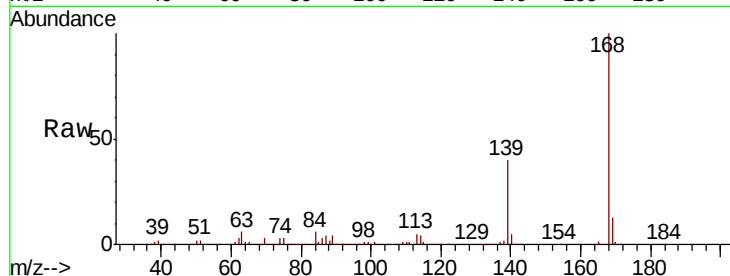




#55
Dibenzenofuran
Concen: 43.502 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

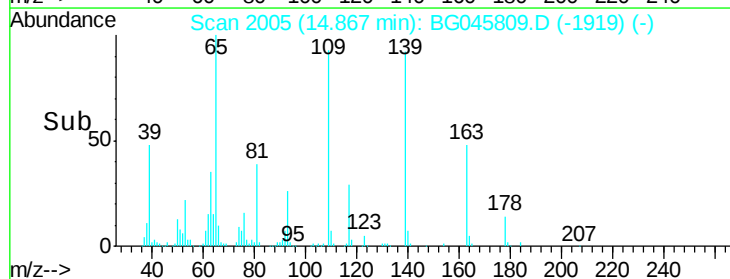
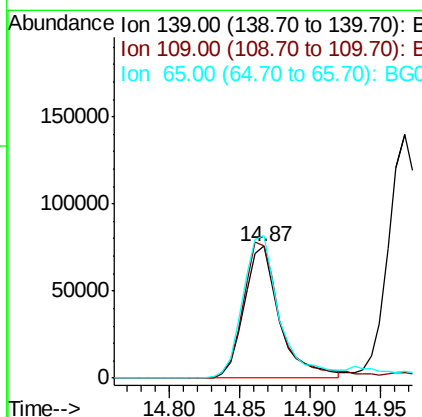
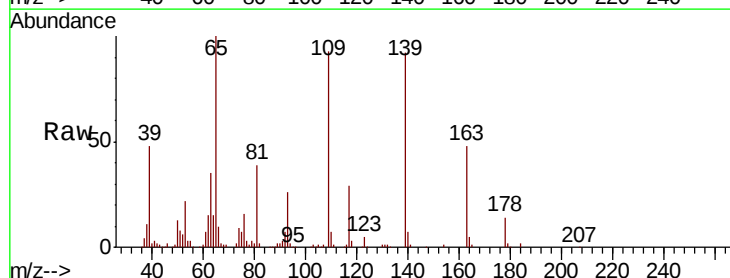
Instrument :
BNA_G
ClientSampleId :
PB129631BS

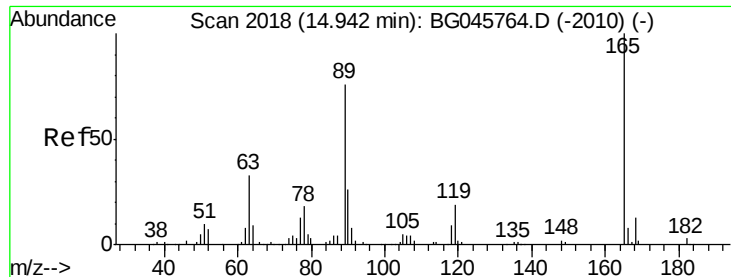
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.3	10.4	15.6



#56
4-Nitrophenol
Concen: 79.414 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	88.9	128.9
65	108.5	92.3	132.3

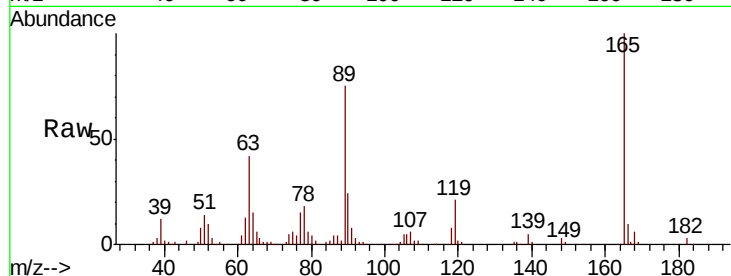




#57
2,4-Dinitrotoluene
Concen: 44.060 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampled :
PB129631BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.8
89	74.6	60.4	90.6
182	2.7	2.6	3.8

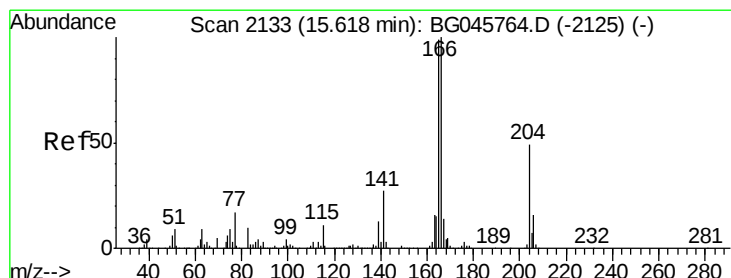
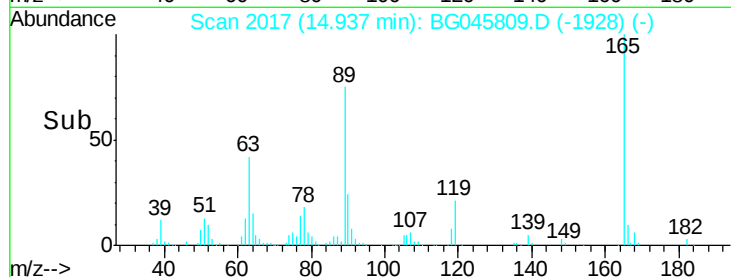
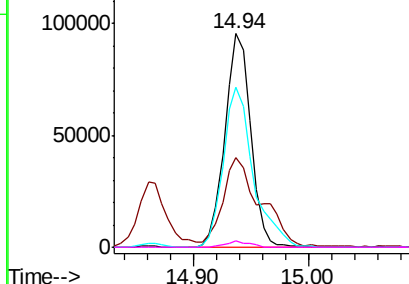


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

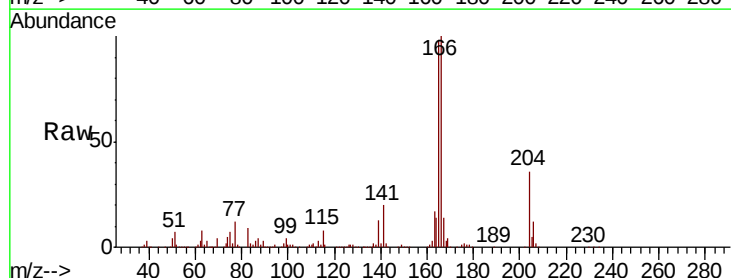
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.348 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

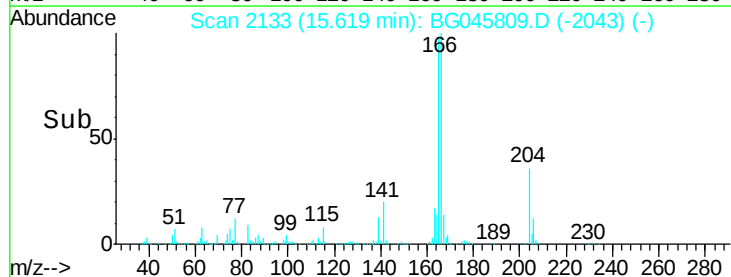
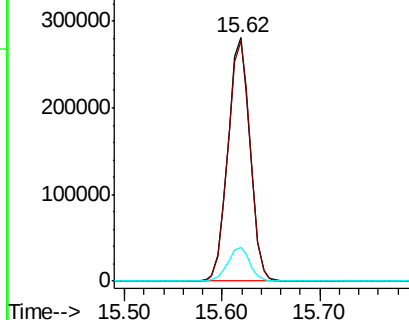
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.7	11.5	17.3

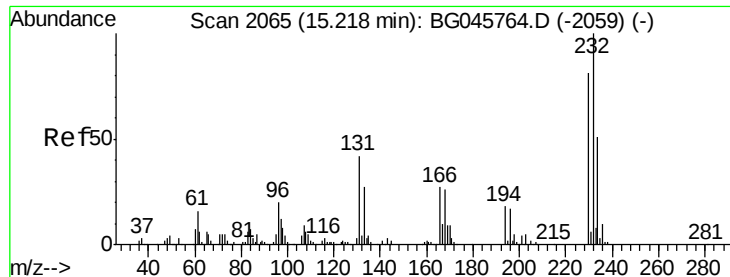


Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.874 ng

RT: 15.21 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

Tot Ion:232 Resp: 126310

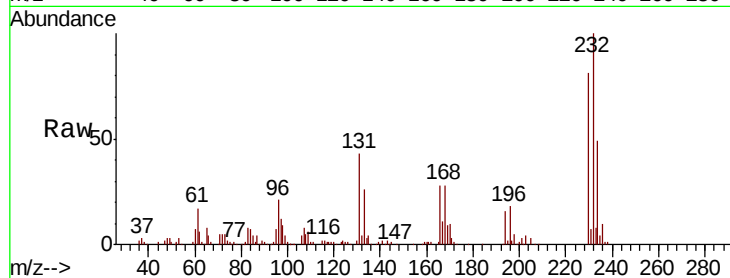
Ion Ratio Lower Upper

232 100

131 42.7 32.2 48.2

130 2.7 2.2 3.4

166 28.8 21.3 31.9

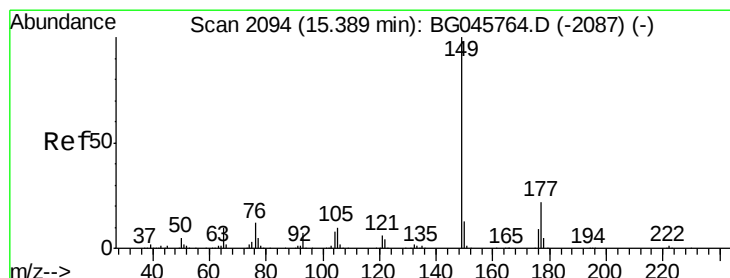
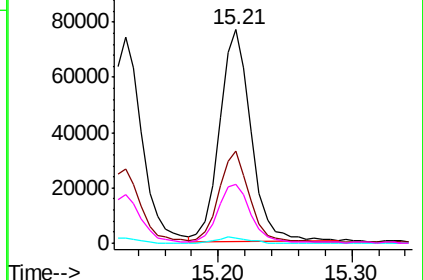
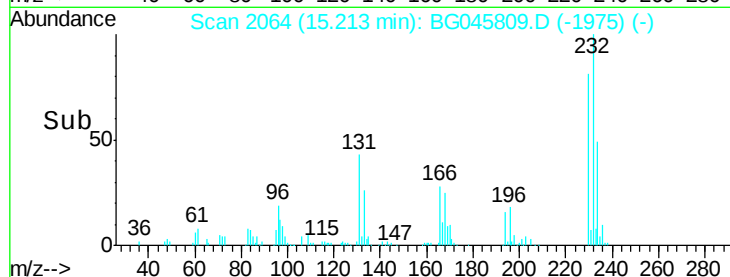


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.453 ng

RT: 15.39 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

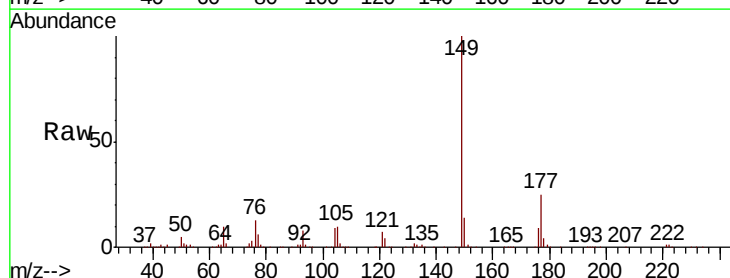
Tgt Ion:149 Resp: 464243

Ion Ratio Lower Upper

149 100

177 24.5 17.2 25.8

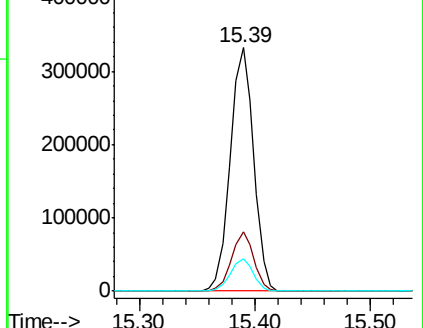
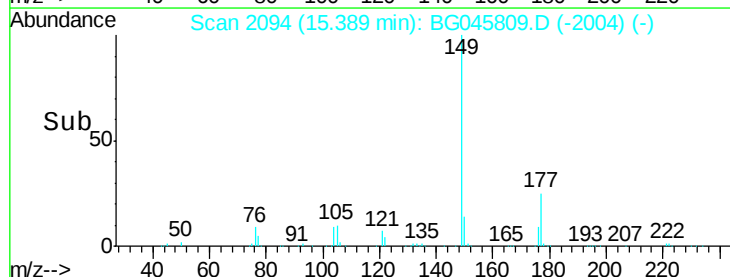
150 13.5 10.7 16.1

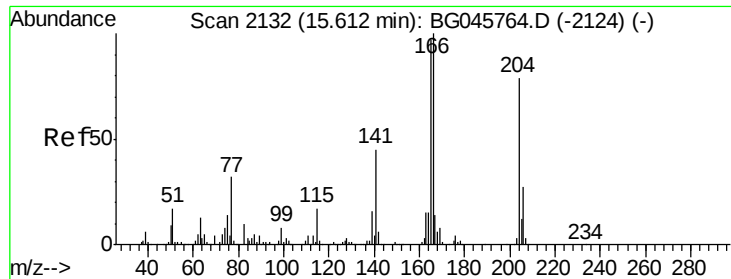


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

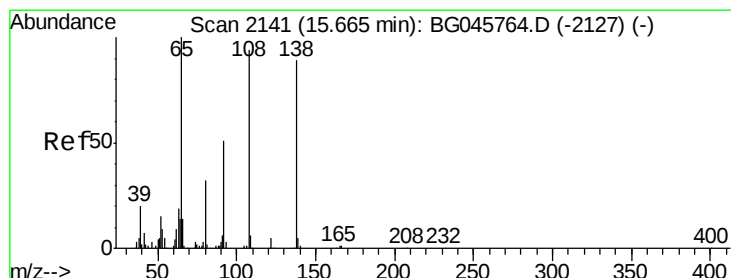
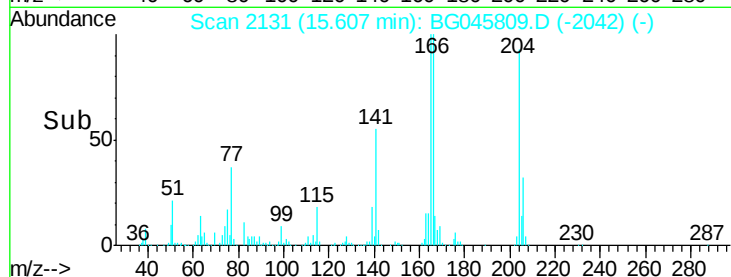
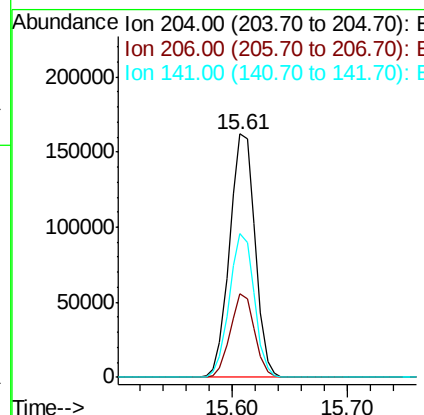
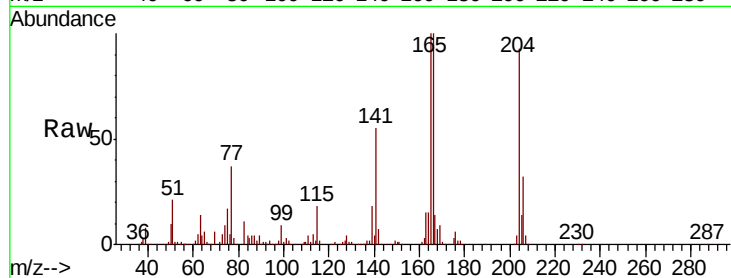




#61
 4-Chlorophenyl-phenylether
 Concen: 42.340 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

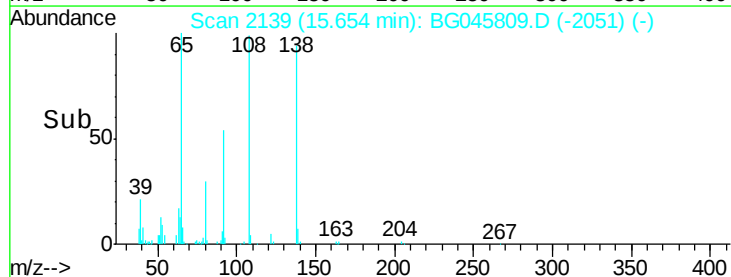
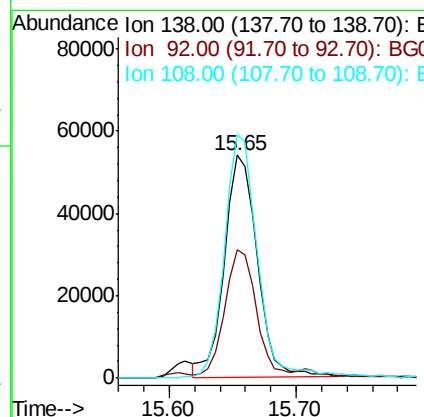
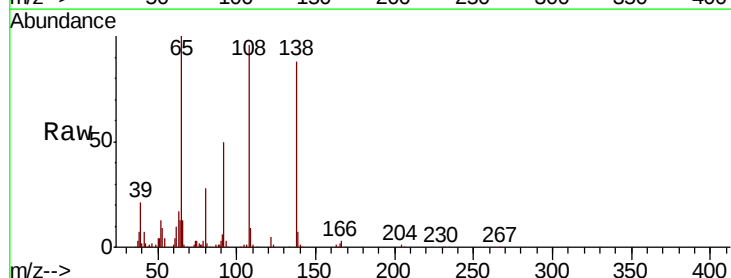
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BS

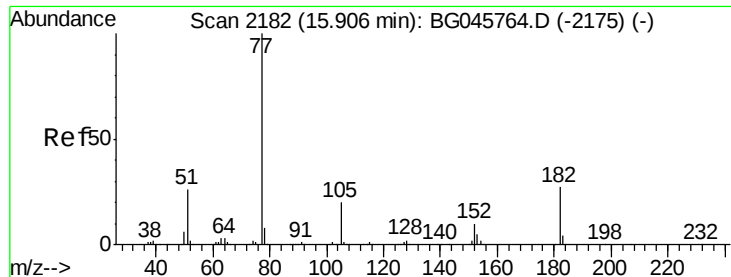
Tot Ion:204 Resp: 246924
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.2 40.8
 141 59.0 45.9 68.9



#62
 4-Nitroaniline
 Concen: 40.428 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion:138 Resp: 97281
 Ion Ratio Lower Upper
 138 100
 92 57.3 37.3 77.3
 108 109.2 85.0 125.0

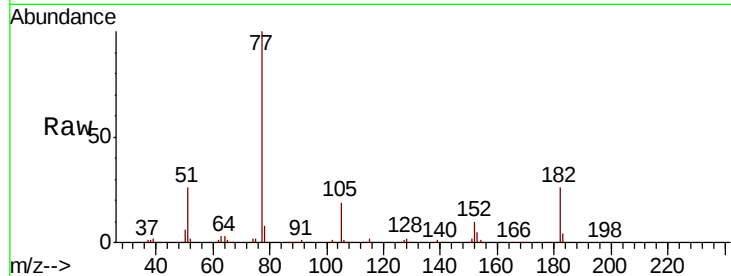




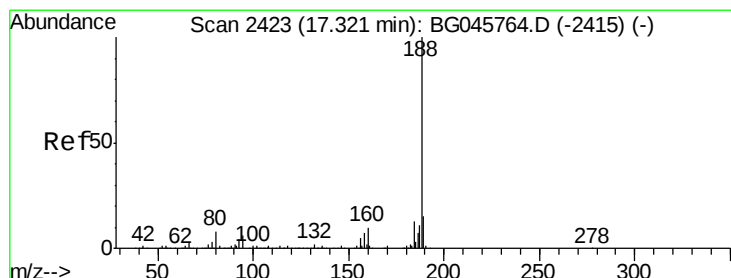
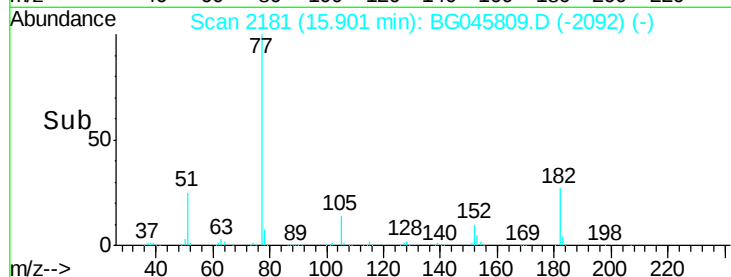
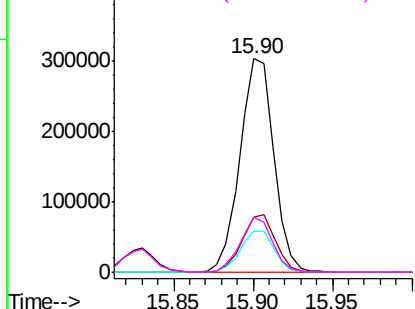
#63
Azobenzene
Concen: 43.527 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.4	47.4
105	19.2	0.1	40.1
51	25.5	5.7	45.7

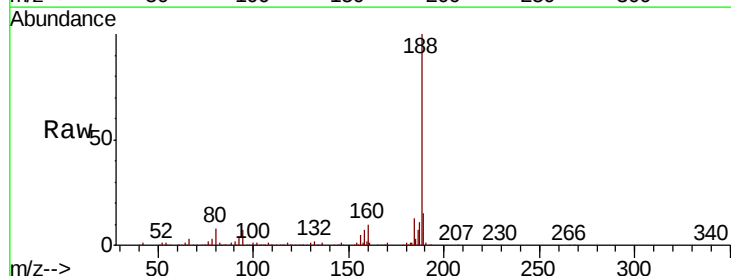


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

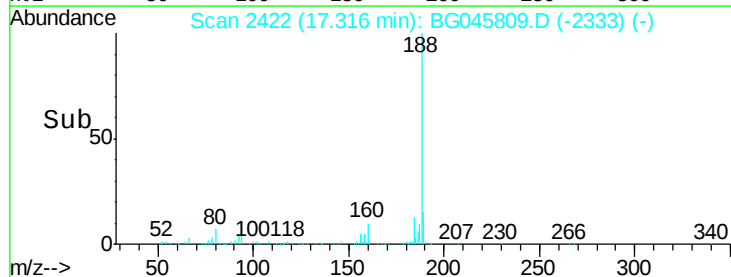
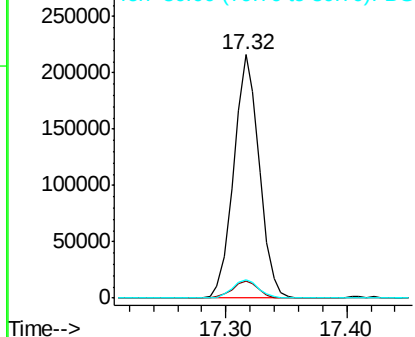


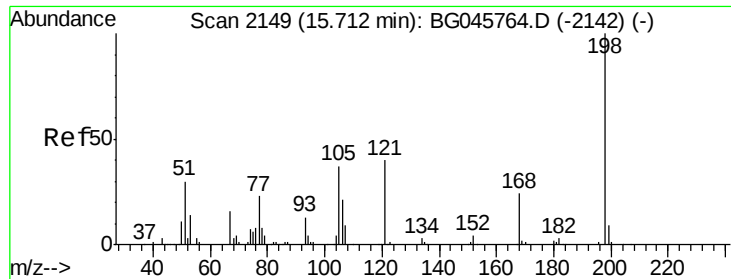
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	7.6	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: 48.977 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

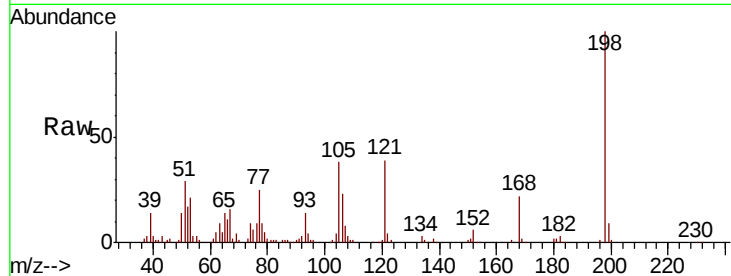
BNA_G

ClientSampleId :

PB129631BS

Tot Ion:198 Resp: 96027

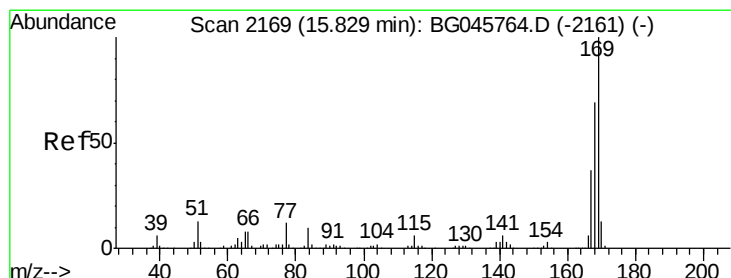
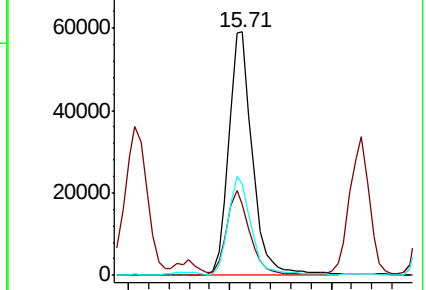
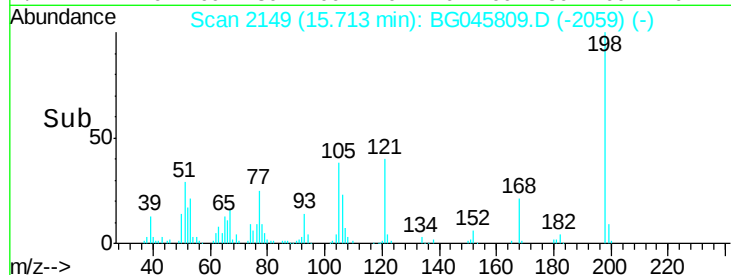
Ion	Ratio	Lower	Upper
198	100		
51	29.3	14.6	54.6
105	37.5	18.4	58.4



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: 43.285 ng

RT: 15.83 min Scan# 2169

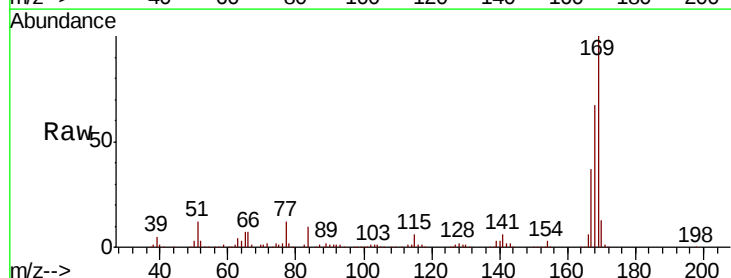
Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion:169 Resp: 388964

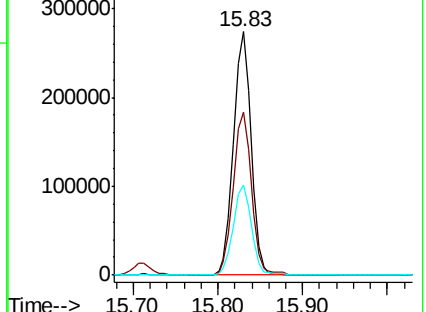
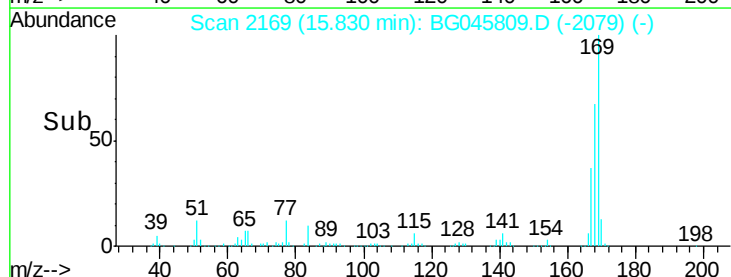
Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.2	82.8
167	37.0	29.8	44.6

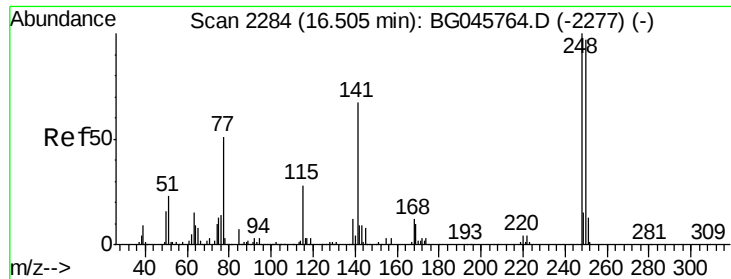


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

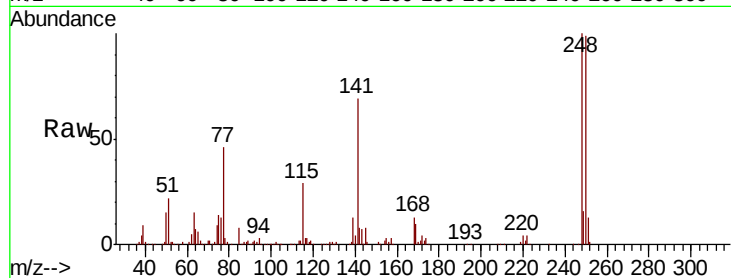




#67
4-Bromophenyl-phenylether
Concen: 40.742 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.0	117.0
141	68.6	53.9	80.9

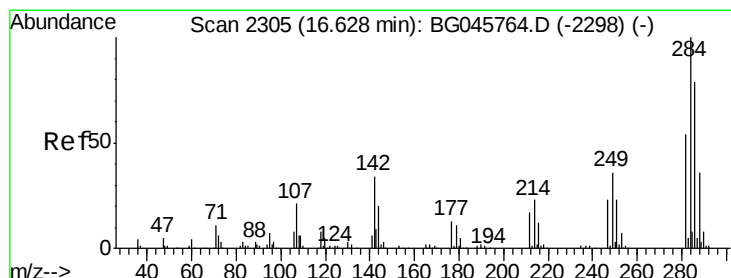
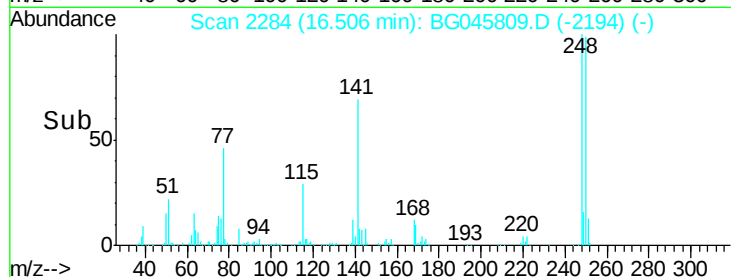
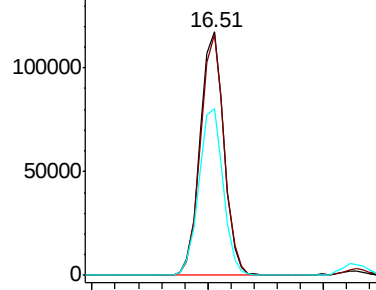


Abundance

Ion 248.00 (247.70 to 248.70): E

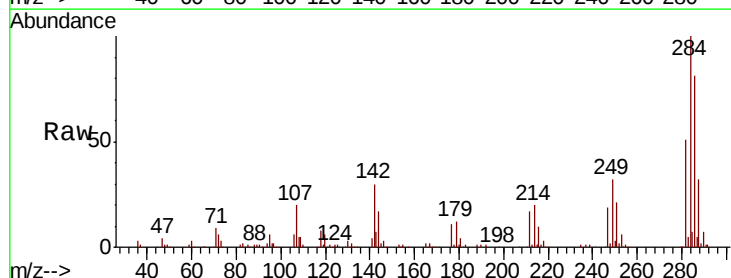
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.640 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.9	40.3
249	32.4	28.6	42.8

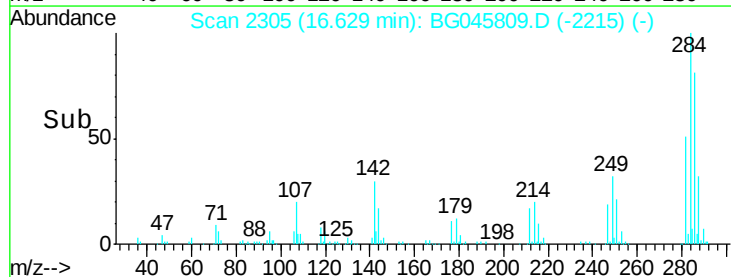
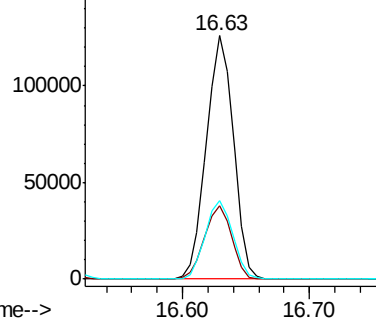


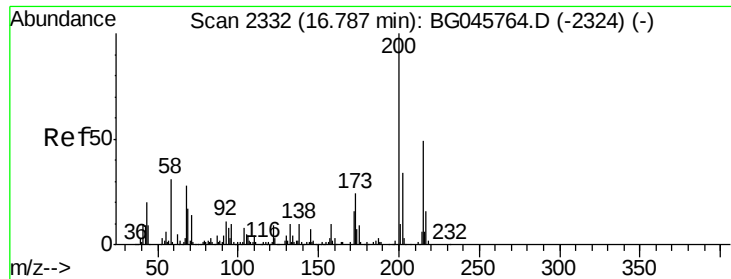
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

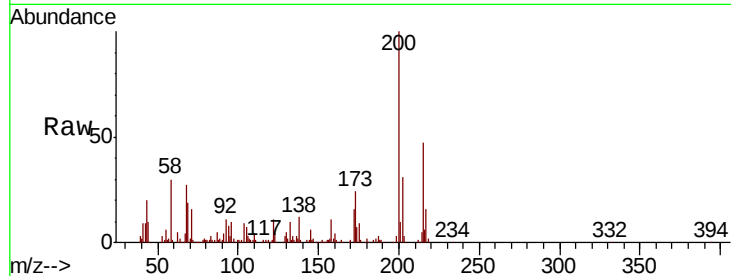




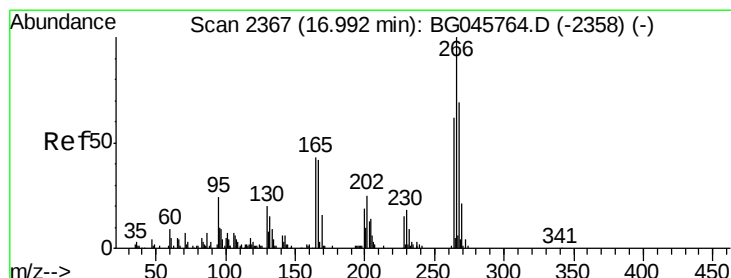
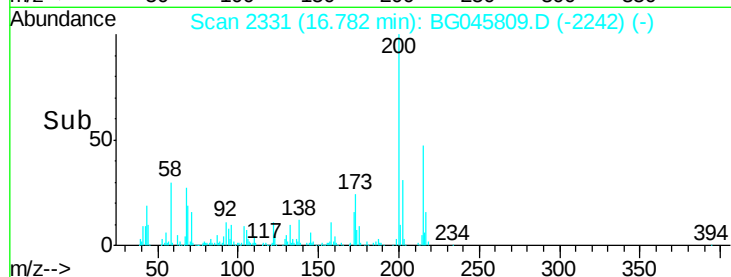
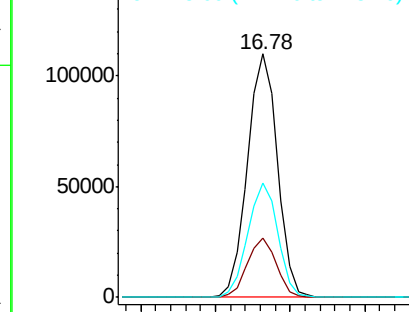
#69
 Atrazine
 Concen: 43.632 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Instrument :
 BNA_G
 ClientSampled :
 PB129631BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.9	43.9
215	47.1	28.8	68.8

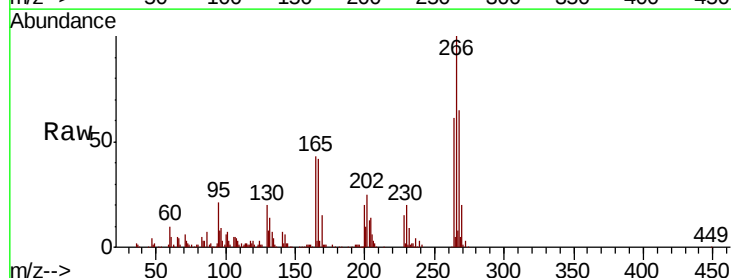


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

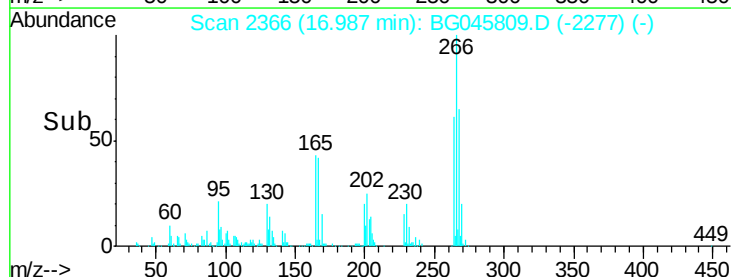
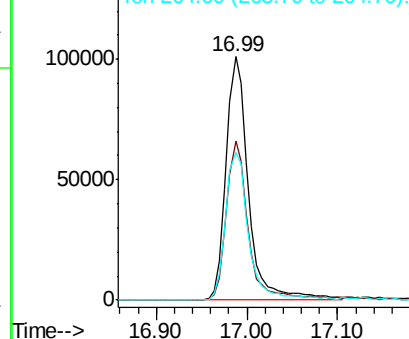


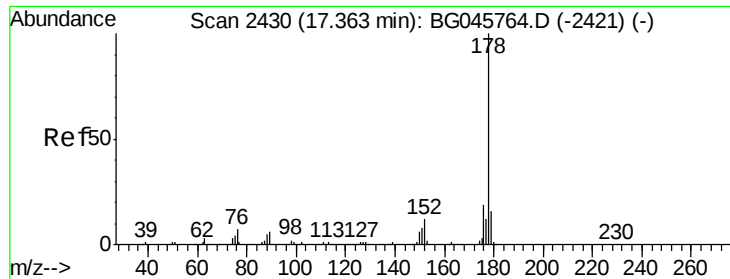
#70
 Pentachlorophenol
 Concen: 81.730 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	55.4	83.0
264	60.8	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

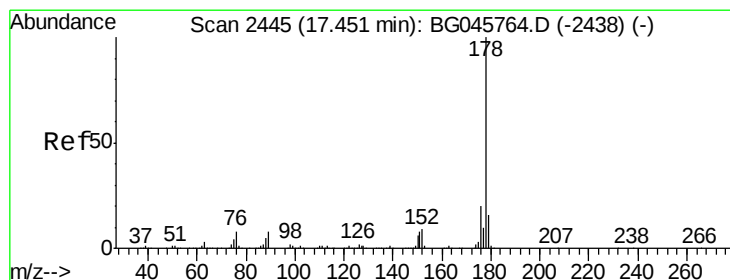
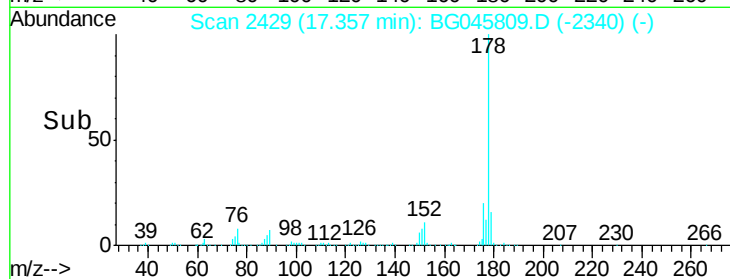
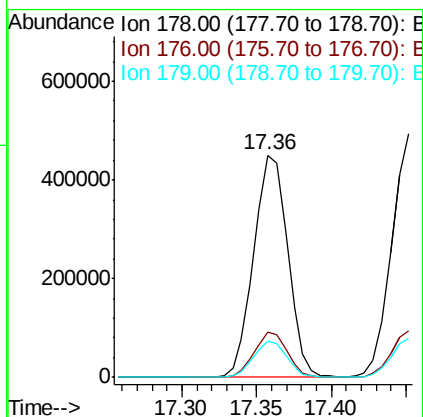
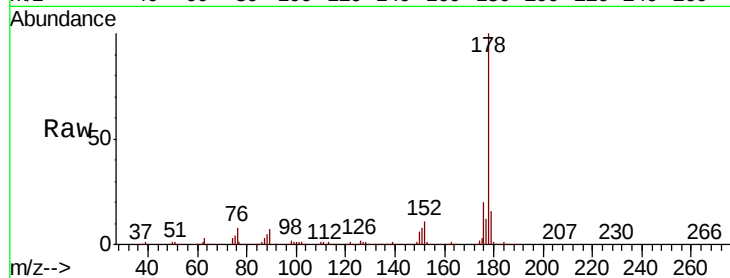




#71
Phenanthrene
Concen: 43.527 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

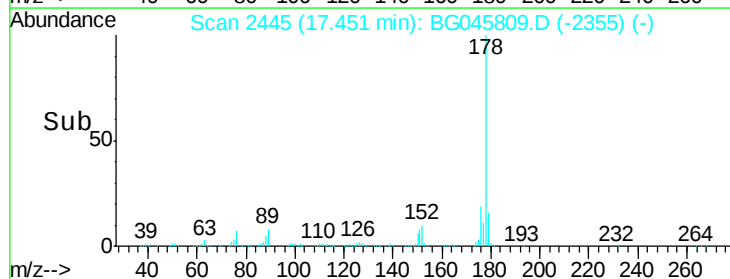
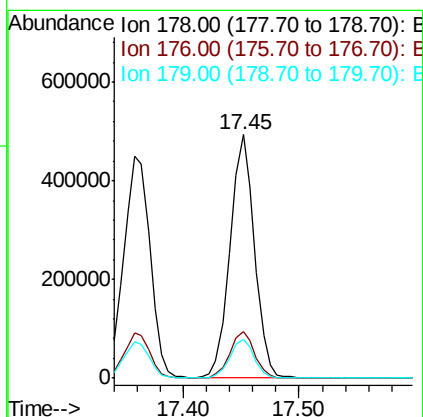
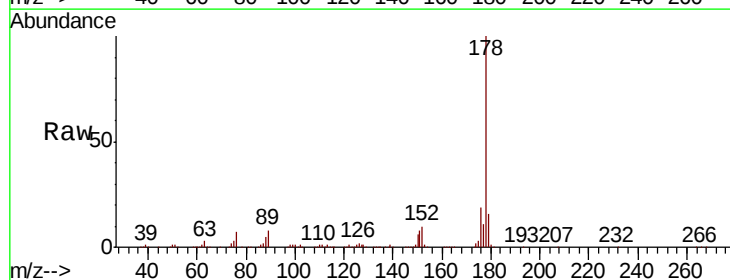
Instrument :
BNA_G
ClientSampleId :
PB129631BS

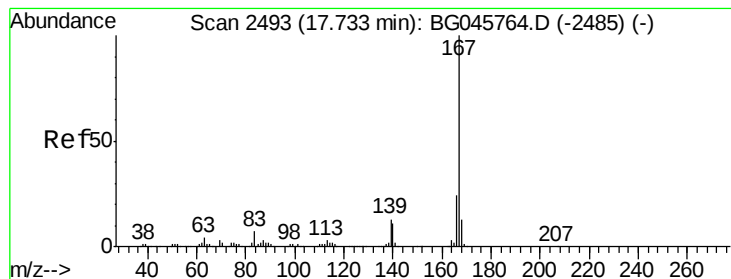
Tot Ion:178 Resp: 712208
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.1 13.2 19.8



#72
Anthracene
Concen: 44.189 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:178 Resp: 719997
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.2 13.1 19.7





#73

Carbazole

Concen: 42.904 ng

RT: 17.73 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

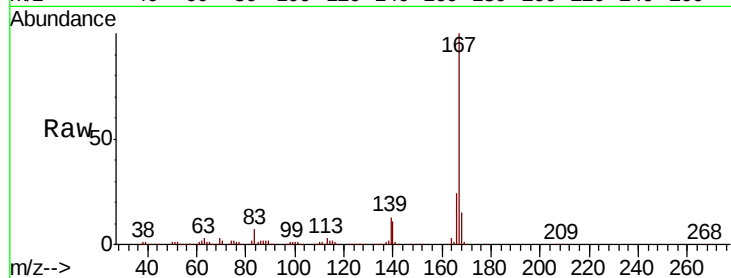
Tot Ion:167 Resp: 665620

Ion Ratio Lower Upper

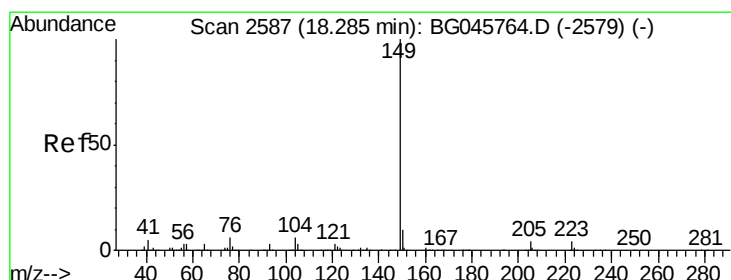
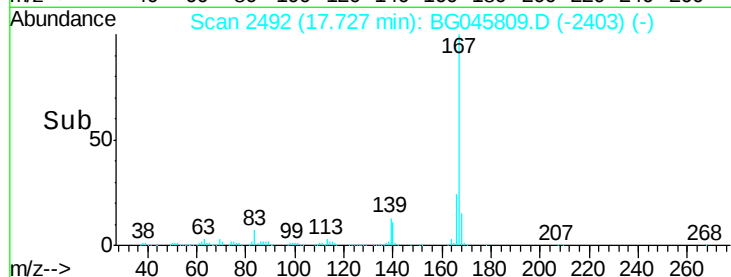
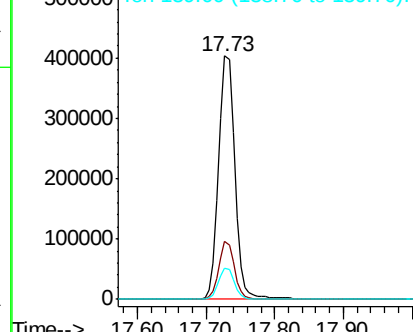
167 100

166 23.6 18.9 28.3

139 12.9 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.679 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

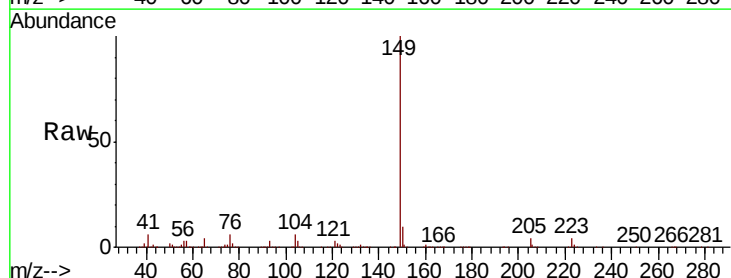
Tgt Ion:149 Resp: 802360

Ion Ratio Lower Upper

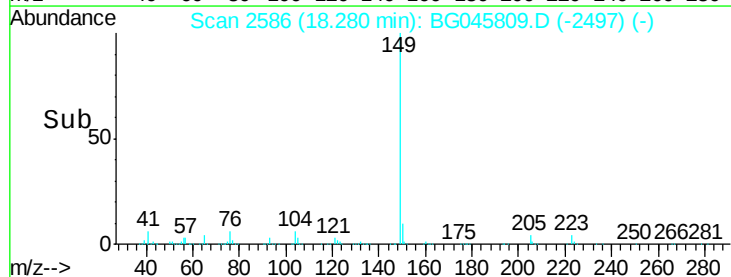
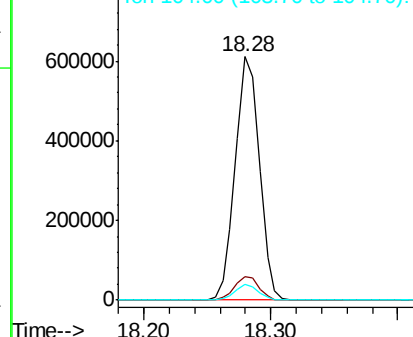
149 100

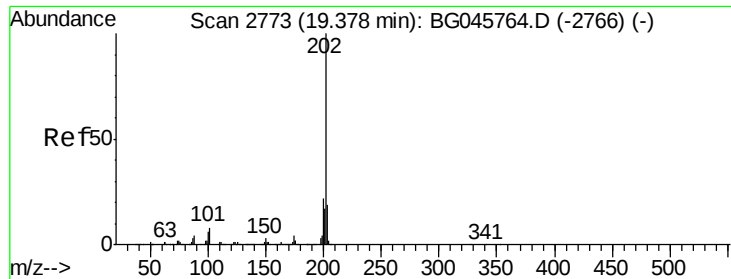
150 9.7 7.7 11.5

104 6.5 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.947 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

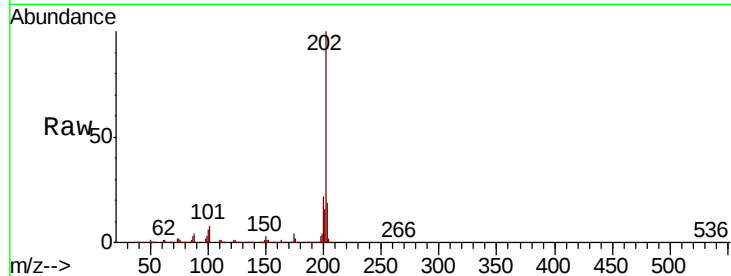
Tot Ion:202 Resp: 904351

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.7

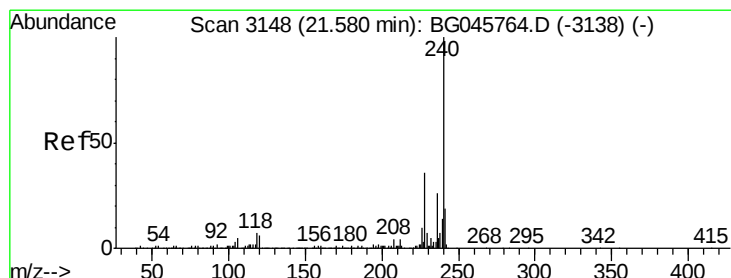
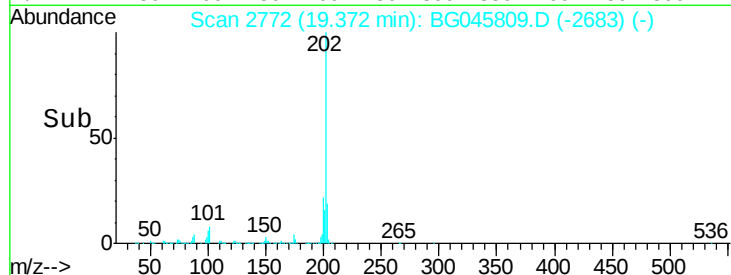
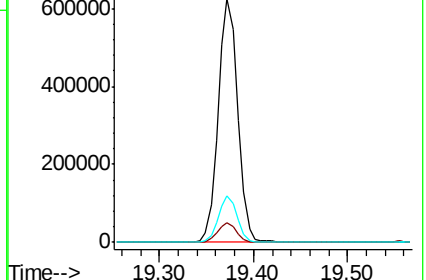
203 18.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

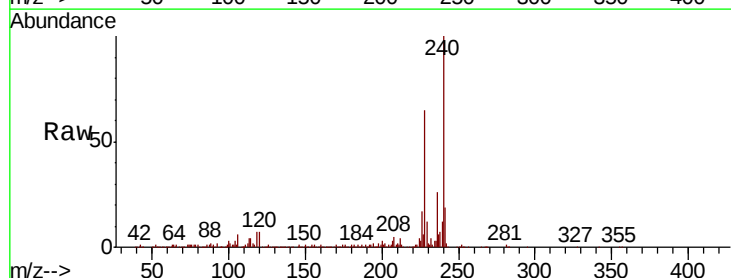
Tgt Ion:240 Resp: 300234

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

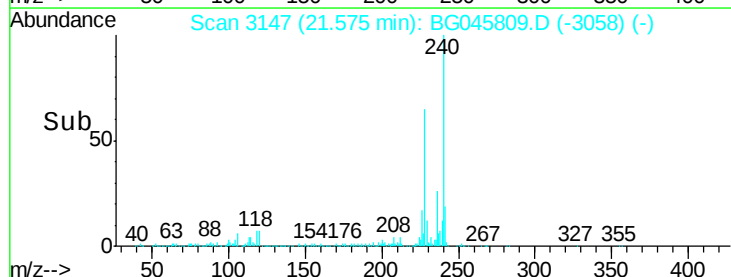
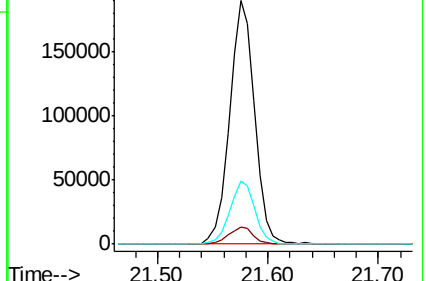
236 26.0 20.6 30.8

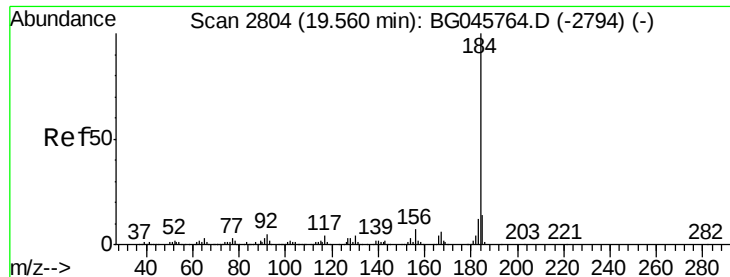


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.292 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

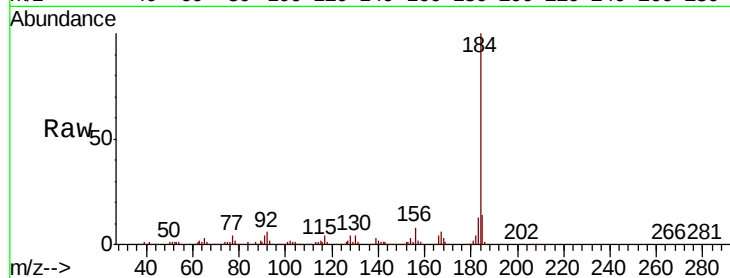
Tot Ion:184 Resp: 540835

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

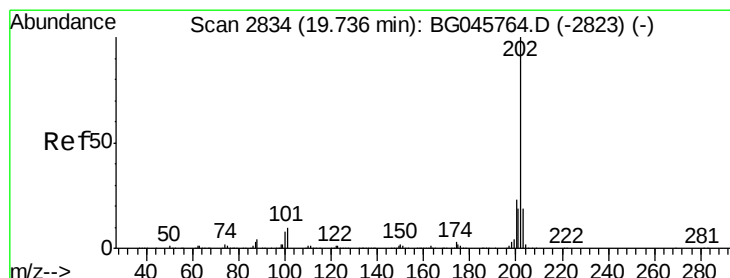
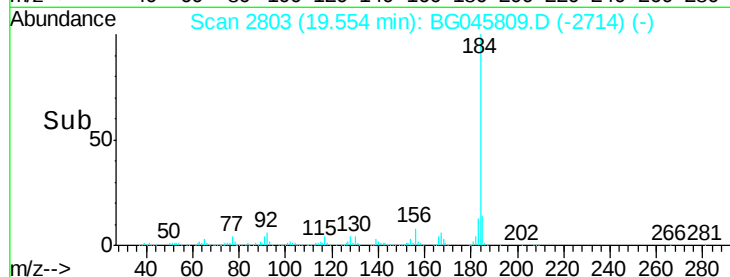
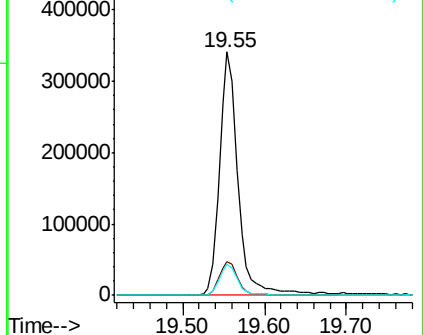
183 12.7 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.681 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

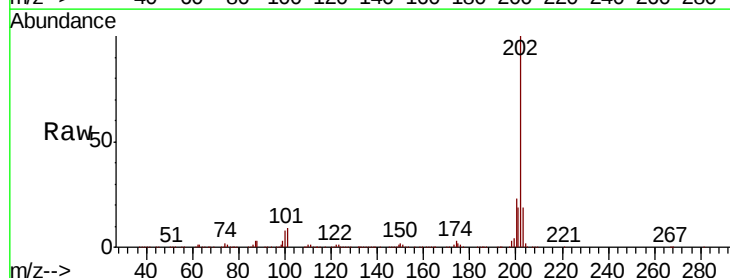
Tgt Ion:202 Resp: 878203

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

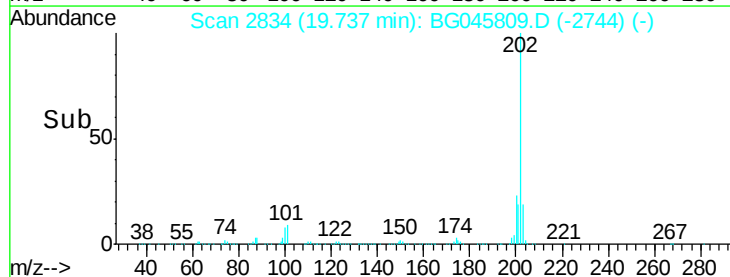
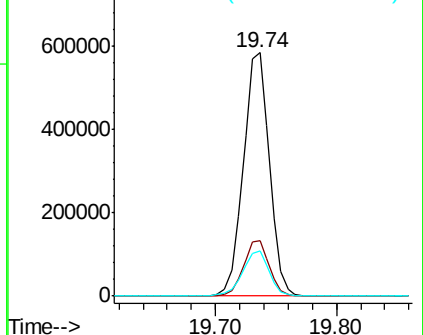
203 18.6 14.8 22.2

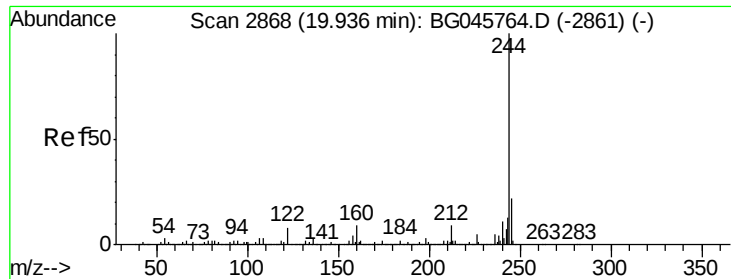


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.387 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

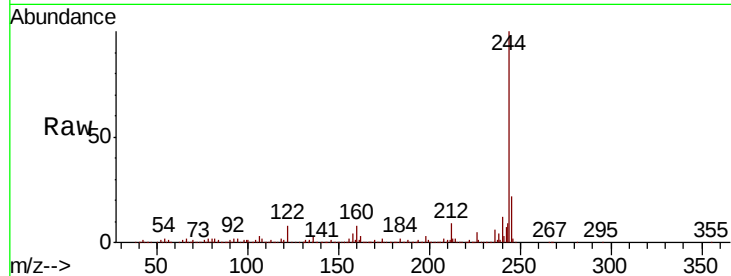
Tot Ion:244 Resp: 1398321

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

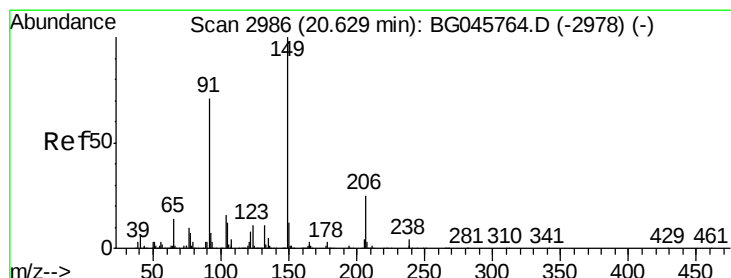
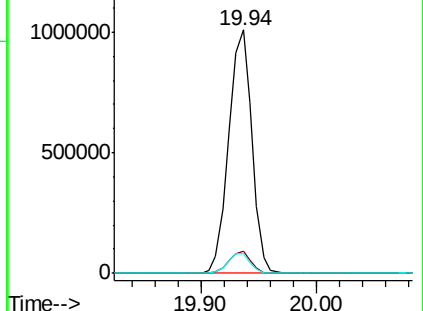
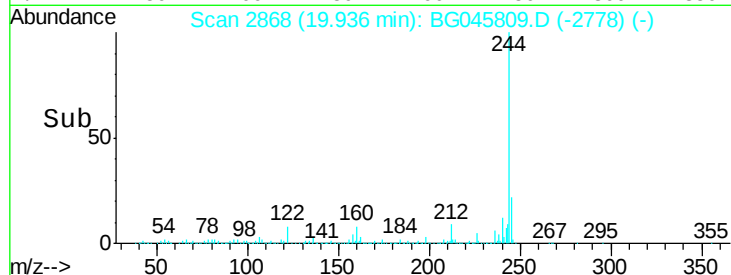
122 8.0 6.4 9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.156 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

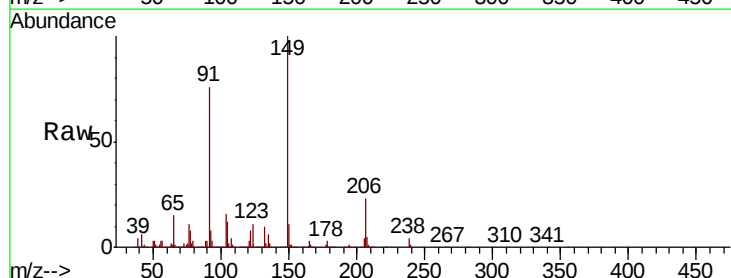
Tgt Ion:149 Resp: 354759

Ion Ratio Lower Upper

149 100

91 75.8 56.4 84.6

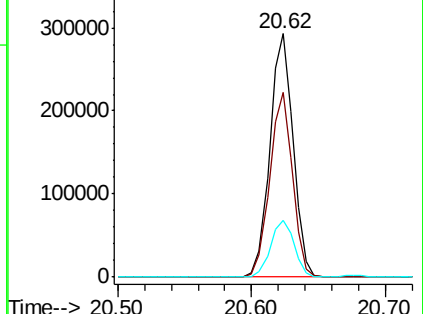
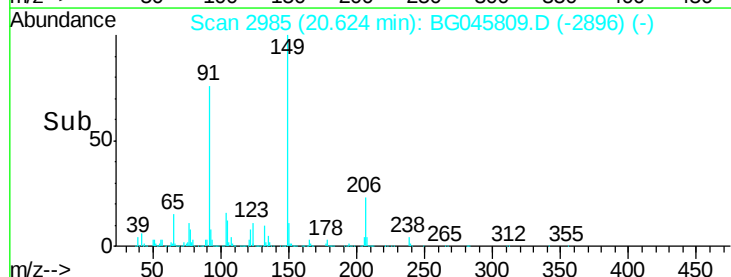
206 23.5 19.8 29.6

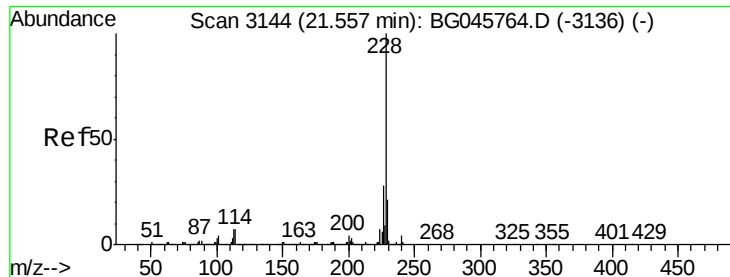


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.023 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

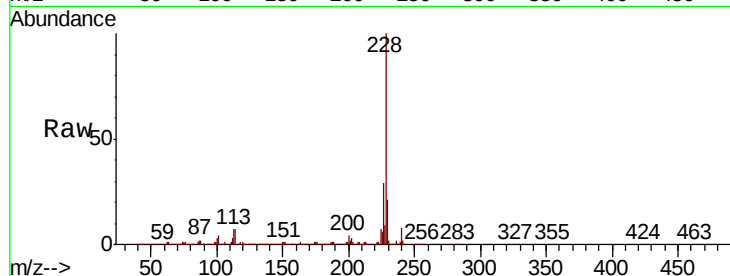
Tot Ion:228 Resp: 837449

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

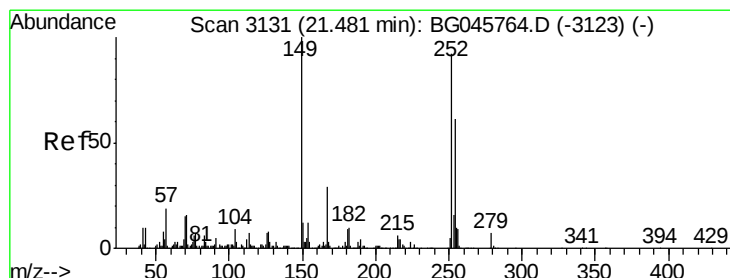
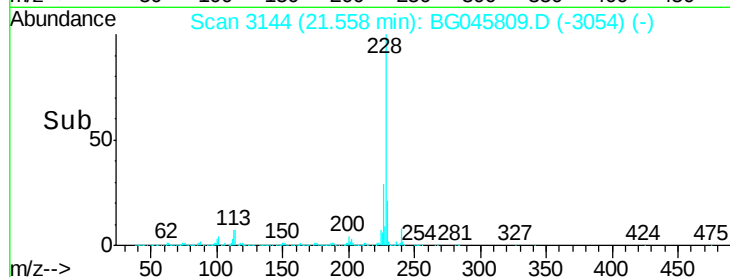
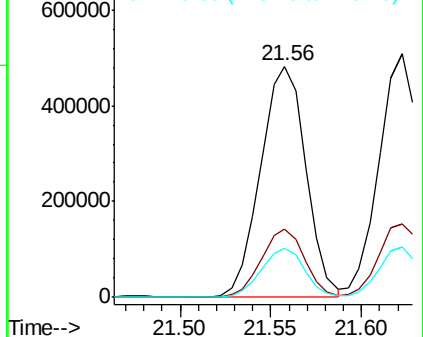
229 21.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.470 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

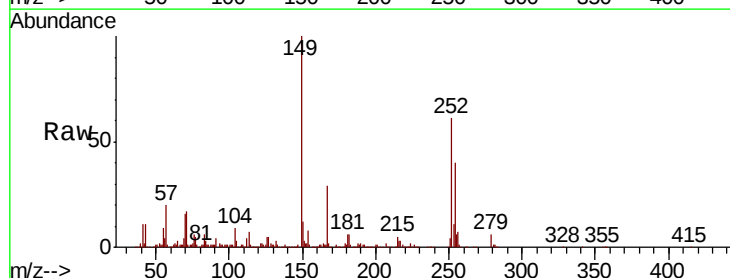
Tgt Ion:252 Resp: 275891

Ion Ratio Lower Upper

252 100

254 65.8 53.4 80.0

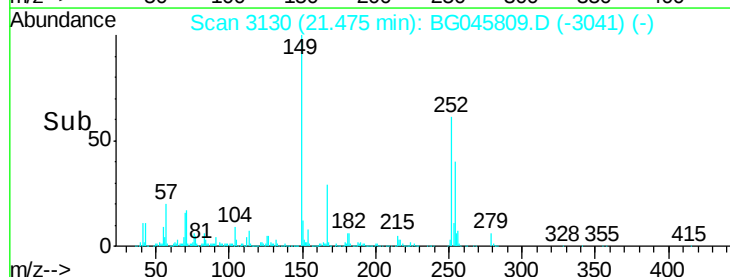
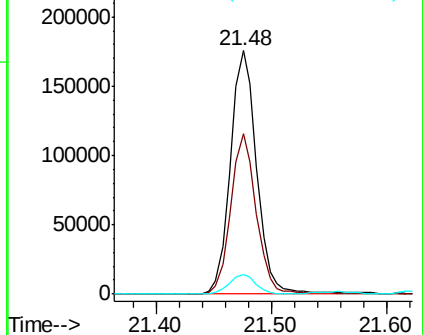
126 8.0 5.8 8.8

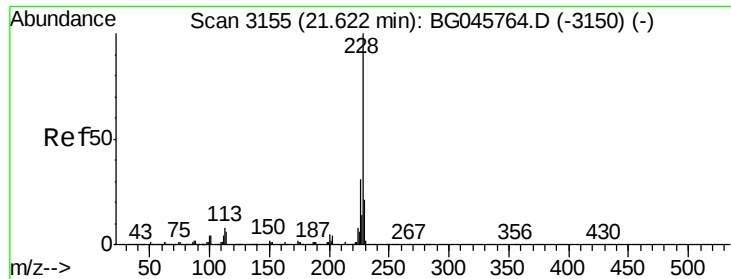


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.009 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

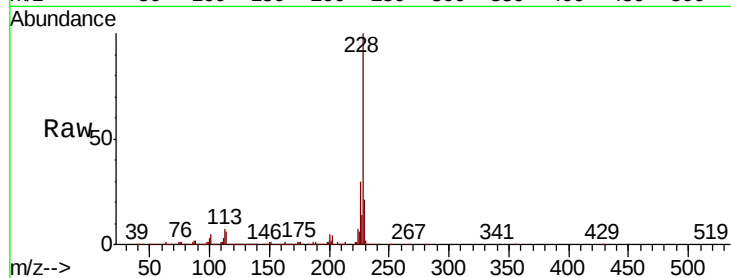
Tot Ion:228 Resp: 809733

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

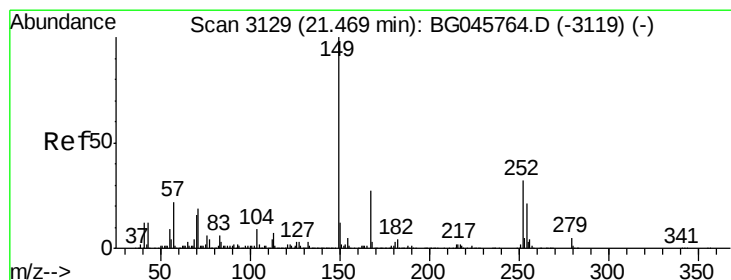
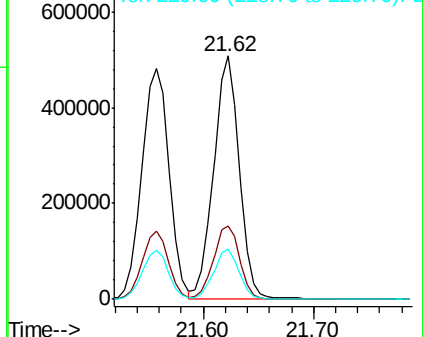
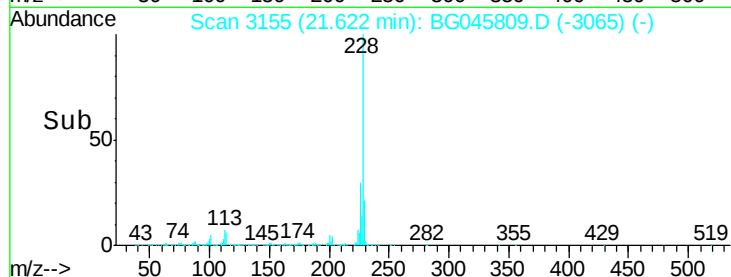
229 20.9 16.4 24.6



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: 42.788 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

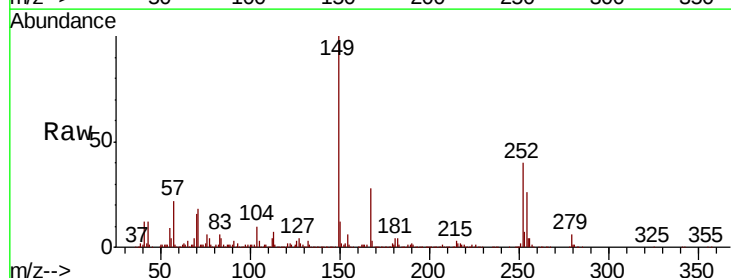
Tgt Ion:149 Resp: 500845

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

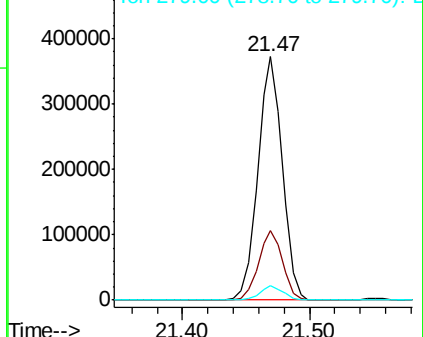
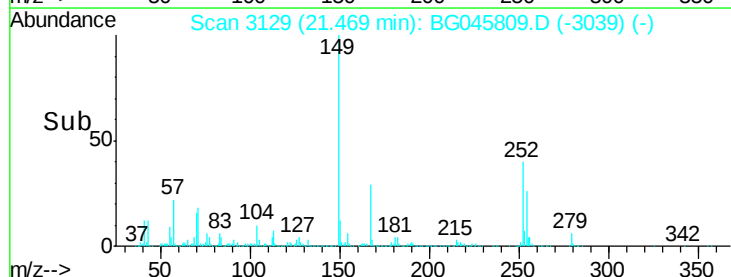
279 5.8 3.7 5.5#

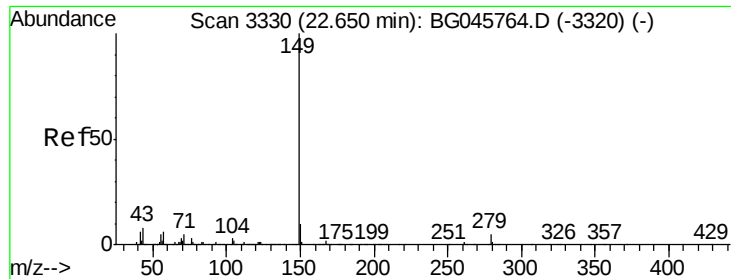


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.241 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

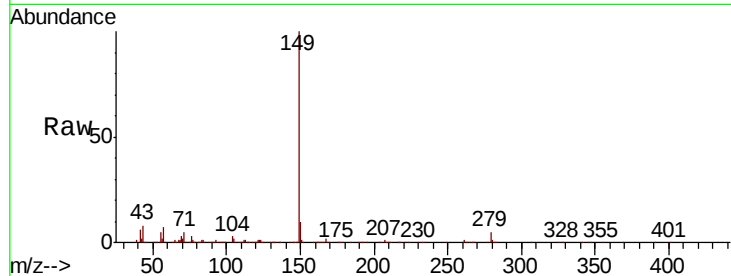
Tot Ion:149 Resp: 873067

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

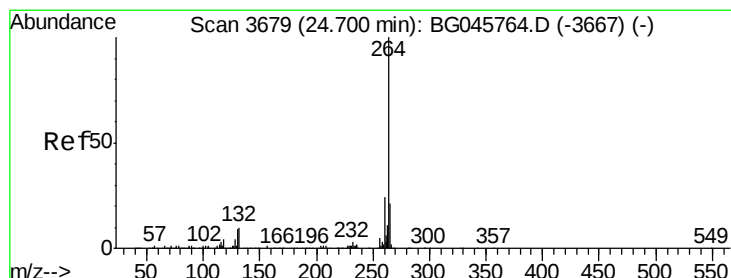
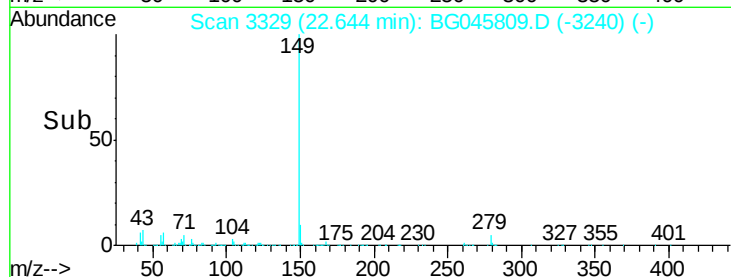
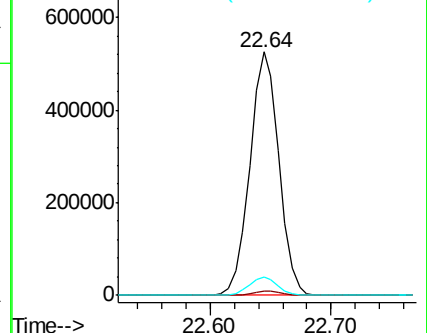
43 7.4 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

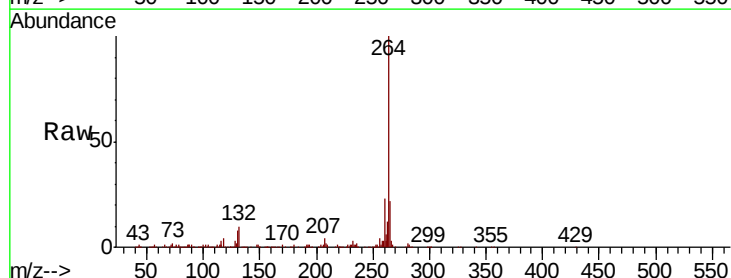
Tgt Ion:264 Resp: 333501

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

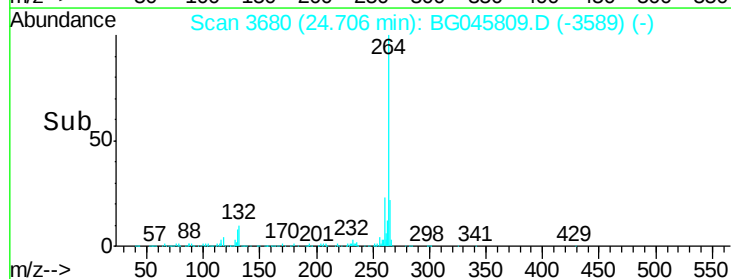
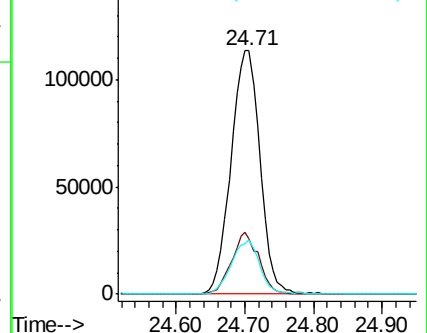
265 22.1 17.4 26.0

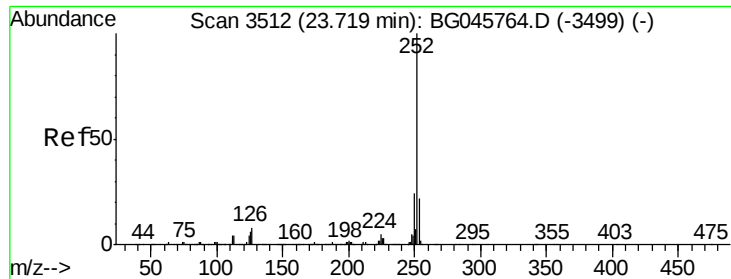


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 43.974 ng

RT: 23.71 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

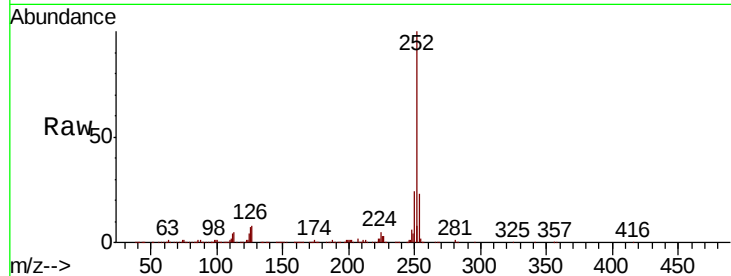
Tot Ion:252 Resp: 919502

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

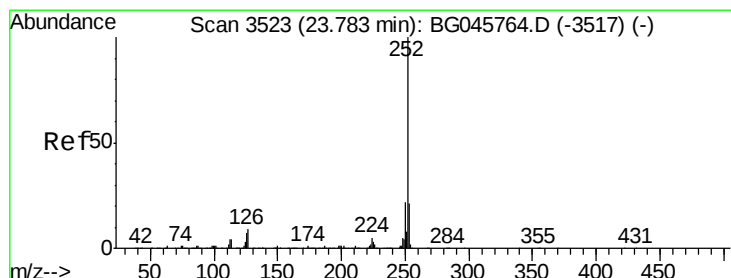
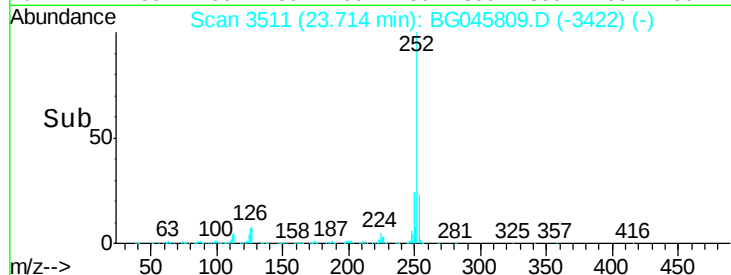
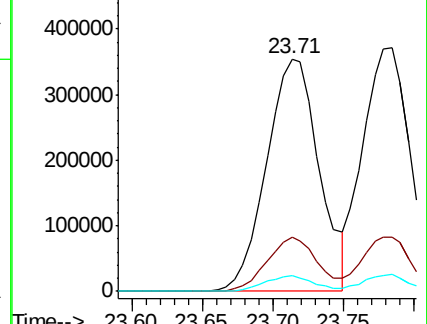
125 6.7 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 43.559 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

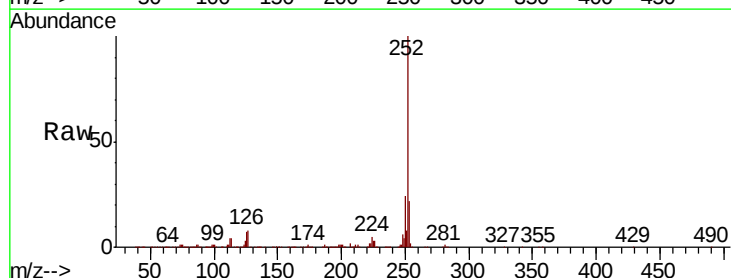
Tgt Ion:252 Resp: 871740

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

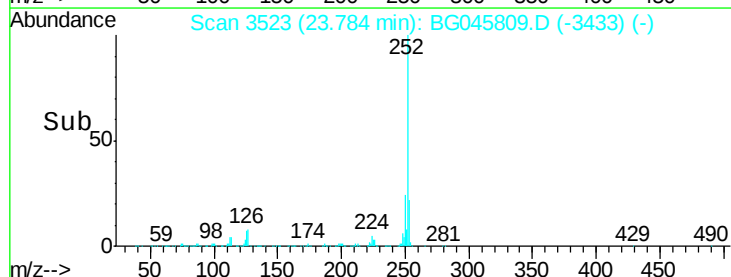
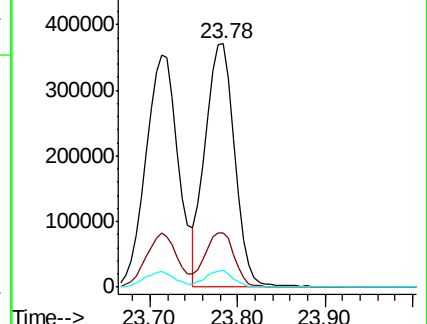
125 6.8 5.2 7.8

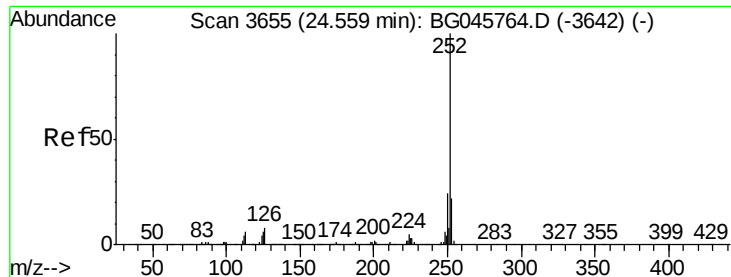


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 43.119 ng

RT: 24.56 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB129631BS

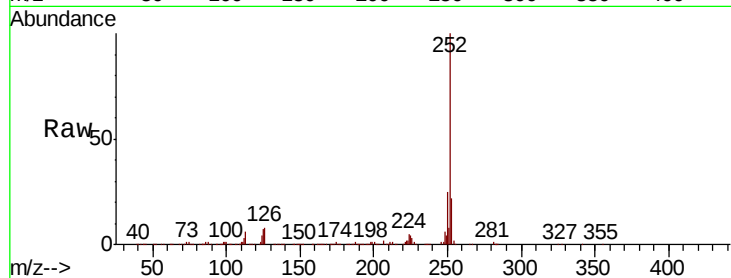
Tot Ion:252 Resp: 842250

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 6.6 5.0 7.6



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

