

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 :

Quant Time: Jun 19 11:23:16 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

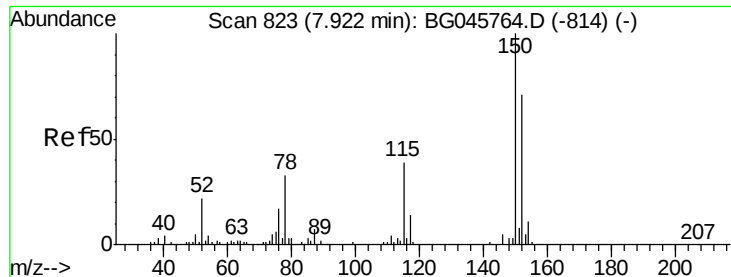
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045809.D
 Acq On : 19 Jun 2020 10:47
 Operator : CG/JU
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Quant Time: Jun 19 11:23:16 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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	ng	97
43) 2,4,6-Trichlorophenol	13.02	196	128023	42.985	ng	95
44) 2,4,5-Trichlorophenol	13.11	196	135044	39.784	ng	95
46) 1,1'-Biphenyl	13.40	154	426384	44.642	ng	98
47) 2-Chloronaphthalene	13.44	162	331781	43.003	ng	98
48) 2-Nitroaniline	13.66	65	110213	42.945	ng	99
49) Acenaphthylene	14.29	152	532755	43.111	ng	100
50) Dimethylphthalate	14.03	163	452185	43.267	ng	98
51) 2,6-Dinitrotoluene	14.14	165	103904	44.265	ng	99
52) Acenaphthene	14.63	154	321596	42.933	ng	99
53) 3-Nitroaniline	14.48	138	81301	34.676	ng	93
54) 2,4-Dinitrophenol	14.70	184	111168	84.516	ng	98
55) Dibenzofuran	14.97	168	529363	43.502	ng	100
56) 4-Nitrophenol	14.87	139	133349	79.414	ng	94
57) 2,4-Dinitrotoluene	14.94	165	148183	44.060	ng	99
58) Fluorene	15.62	166	438625	43.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	126310	42.874	ng	96
60) Diethylphthalate	15.39	149	464243	43.453	ng	96
61) 4-Chlorophenyl-phenylether	15.61	204	246924	42.340	ng	99
62) 4-Nitroaniline	15.65	138	97281	40.428	ng	97
63) Azobenzene	15.90	77	446517	43.527	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	96027	48.977	ng	95
66) n-Nitrosodiphenylamine	15.83	169	388964	43.285	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	167953	40.742	ng	99
68) Hexachlorobenzene	16.63	284	186546	43.640	ng	94
69) Atrazine	16.78	200	152144	43.632	ng	98
70) Pentachlorophenol	16.99	266	172686	81.730	ng	97
71) Phenanthrene	17.36	178	712208	43.527	ng	98
72) Anthracene	17.45	178	719997	44.189	ng	100
73) Carbazole	17.73	167	665620	42.904	ng	100
74) Di-n-butylphthalate	18.28	149	802360	43.679	ng	100
75) Fluoranthene	19.37	202	904351	44.947	ng	99
77) Benzidine	19.55	184	540835	69.292	ng	99
78) Pyrene	19.74	202	878203	43.681	ng	100
80) Butylbenzylphthalate	20.62	149	354759	42.156	ng	95
81) Benzo(a)anthracene	21.56	228	837449	43.023	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	275891	37.470	ng	99
83) Chrysene	21.62	228	809733	43.009	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	500845	42.788	ng	# 96
85) Di-n-octyl phthalate	22.64	149	873067	43.241	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1047122	43.310	ng	99
88) Benzo(b)fluoranthene	23.71	252	919502	43.974	ng	97
89) Benzo(k)fluoranthene	23.78	252	871740	43.559	ng	98
90) Benzo(a)pyrene	24.56	252	842250	43.119	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	863049	44.515	ng	98
92) Benzo(g,h,i)perylene	29.36	276	853702	43.992	ng	99

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

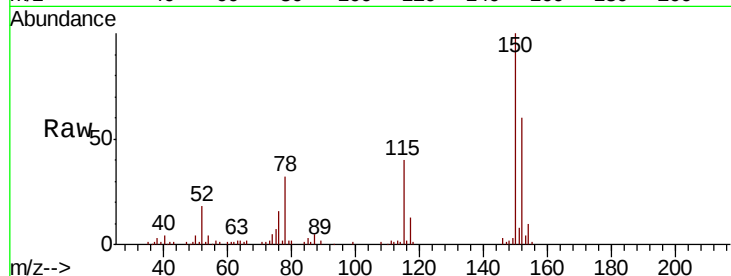


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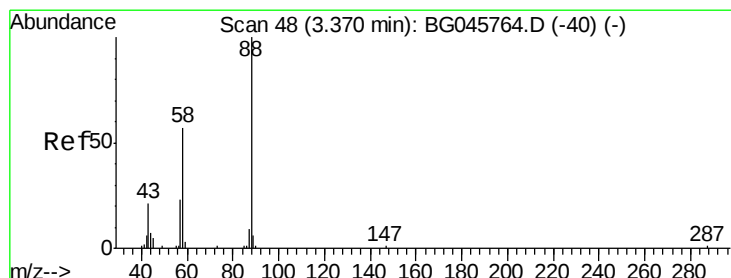
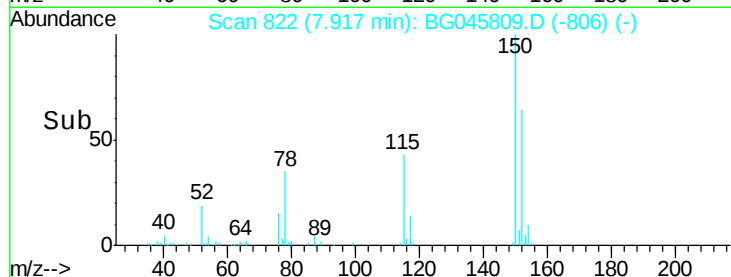
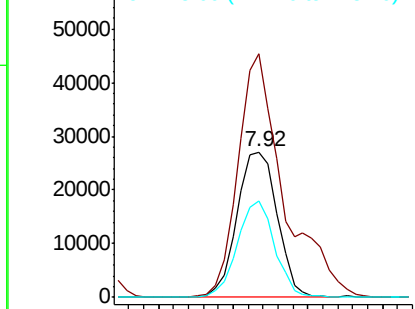
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampled :

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#



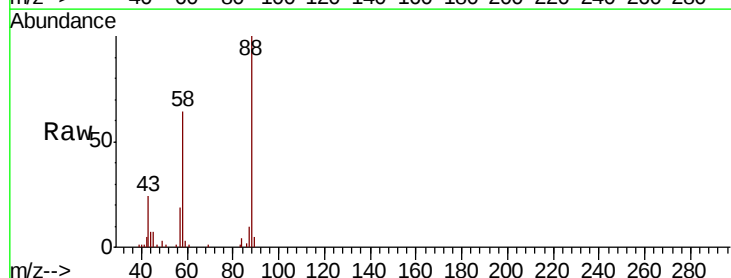
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



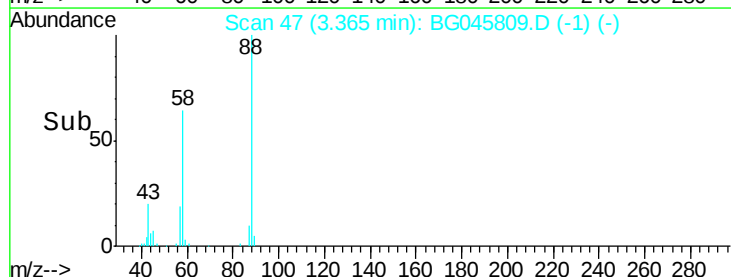
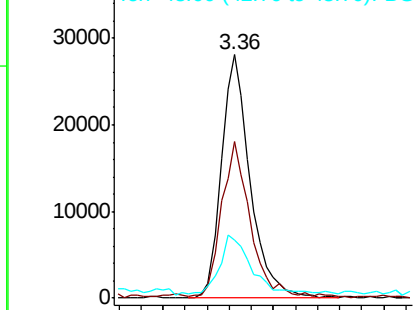
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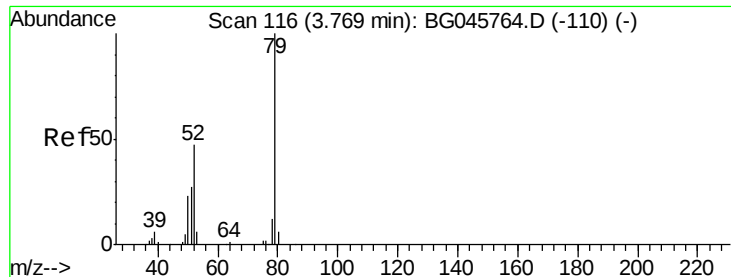
1,4-Dioxane
Concen: 37.252 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

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

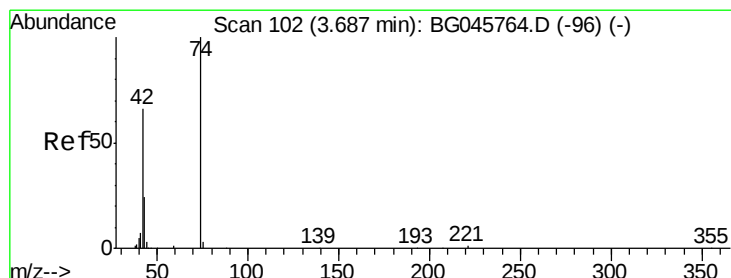
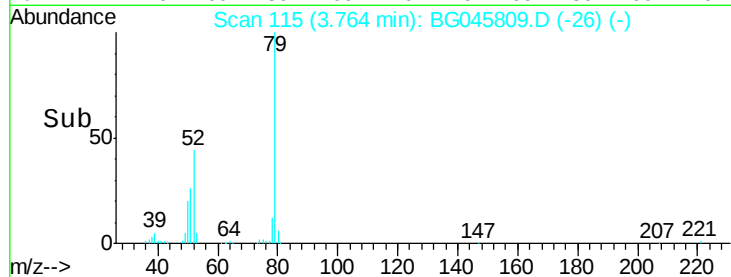
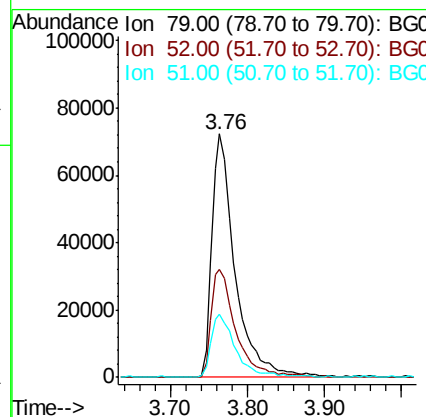
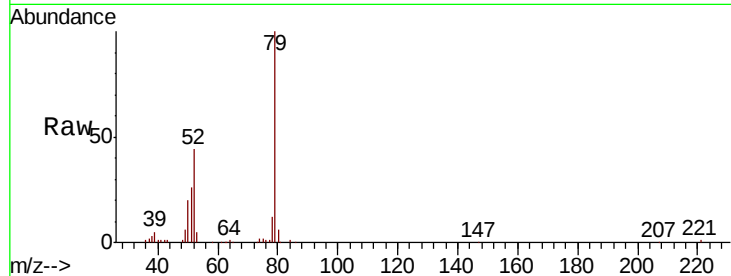




#3
 Pvridine
 Concen: 37.066 ng
 RT: 3.76 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

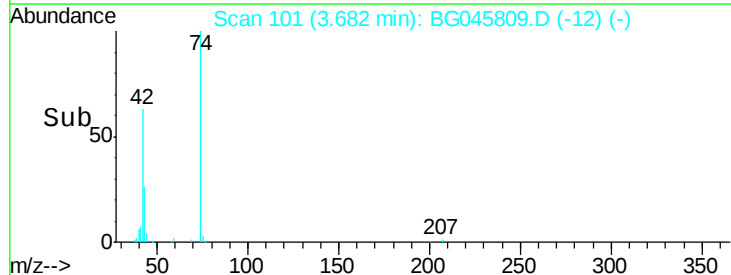
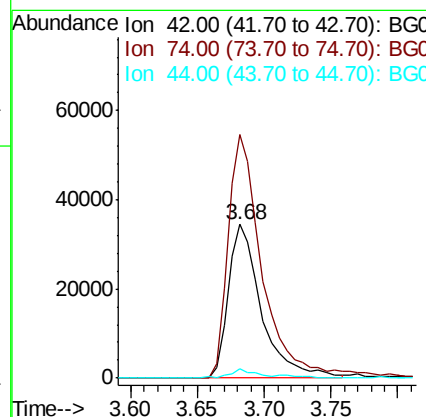
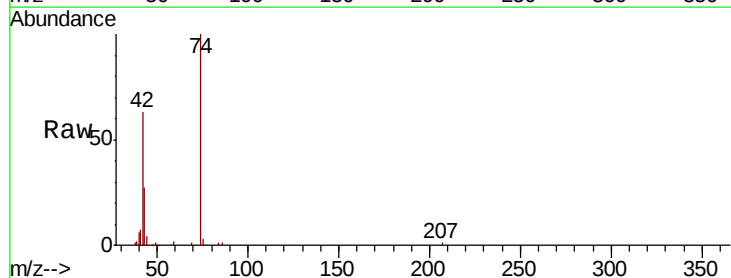
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.2	37.9	56.9
51	26.1	22.0	33.0



#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	Ratio	Lower	Upper
42	100		
74	158.1	121.0	181.4
44	6.1	3.5	5.3





#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 :

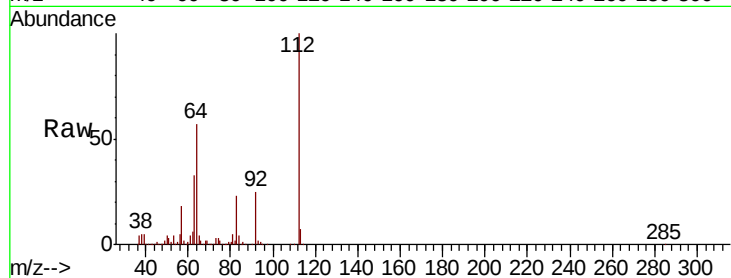
Tot Ion:112 Resp: 419209

Ion Ratio Lower Upper

112 100

64 56.9 46.6 69.8

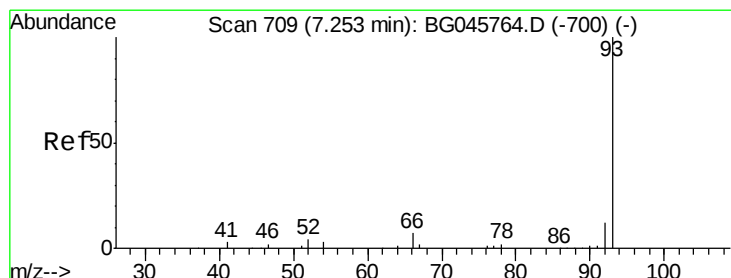
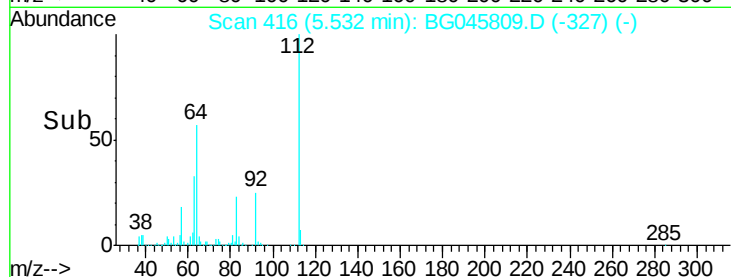
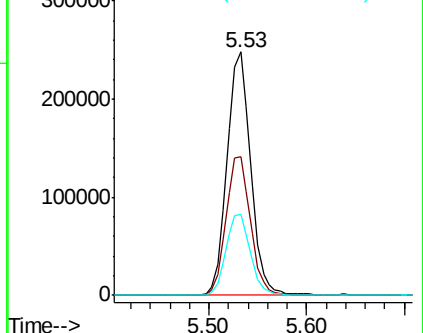
63 33.1 26.3 39.5



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

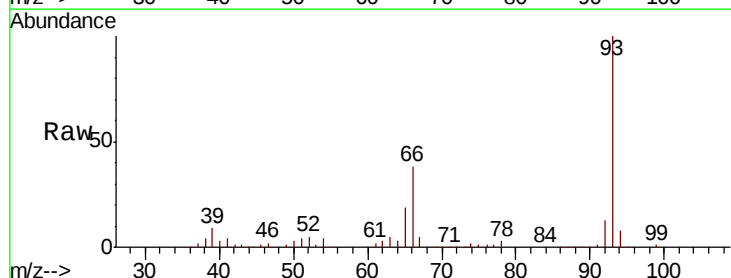
Tgt Ion: 93 Resp: 220838

Ion Ratio Lower Upper

93 100

66 37.7 30.0 45.0

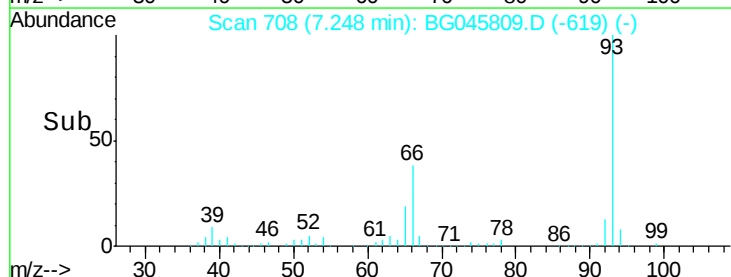
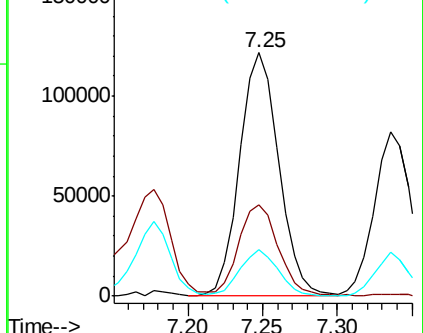
65 19.2 14.7 22.1

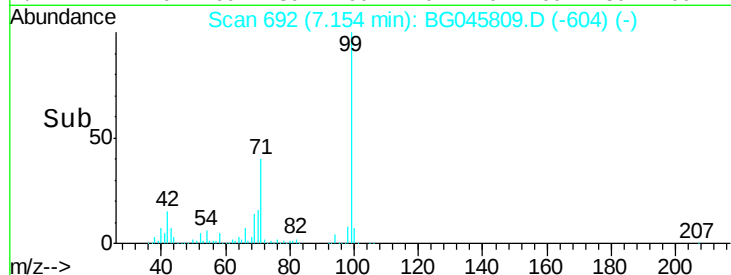
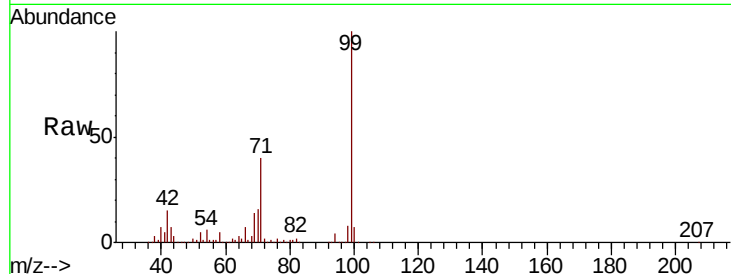
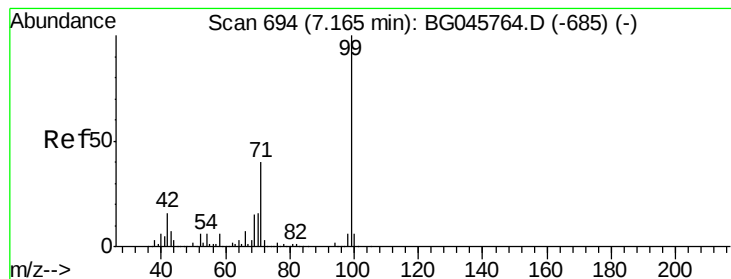


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

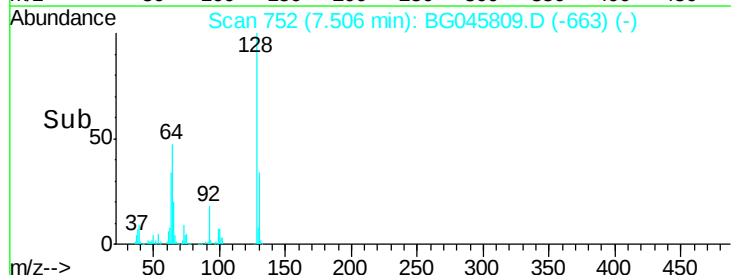
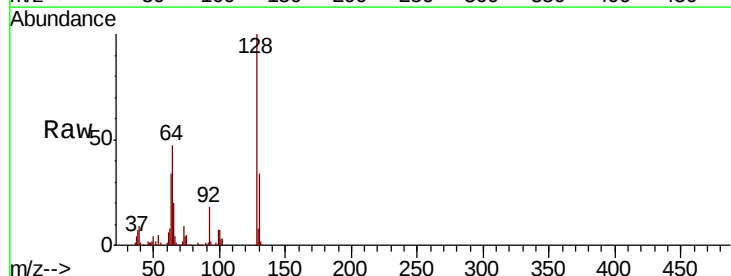
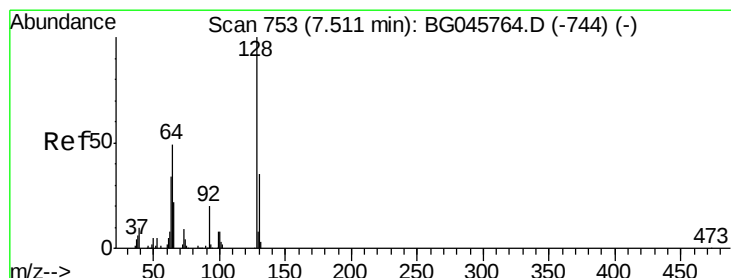
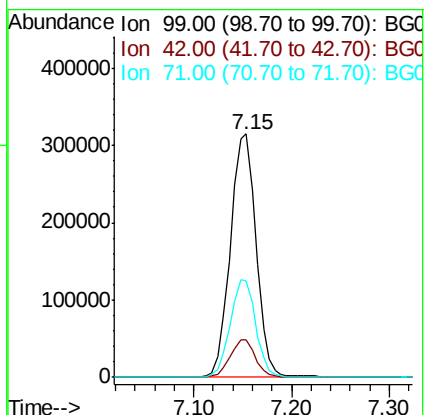
Tot Ion: 99 Resp: 576558

Ion Ratio Lower Upper

99 100

42 15.2 12.4 18.6

71 39.5 32.1 48.1



#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

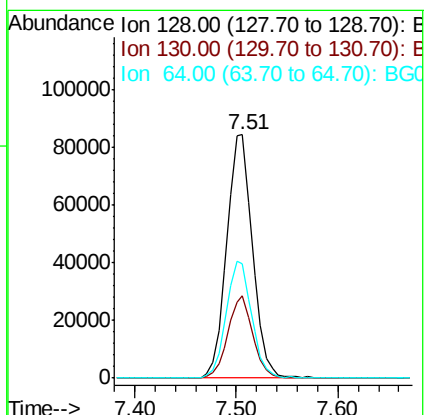
Tgt Ion:128 Resp: 149146

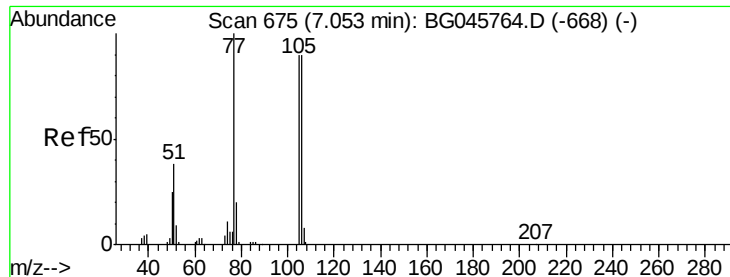
Ion Ratio Lower Upper

128 100

130 33.6 14.5 54.5

64 46.9 31.6 71.6





#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

ClientSampled :

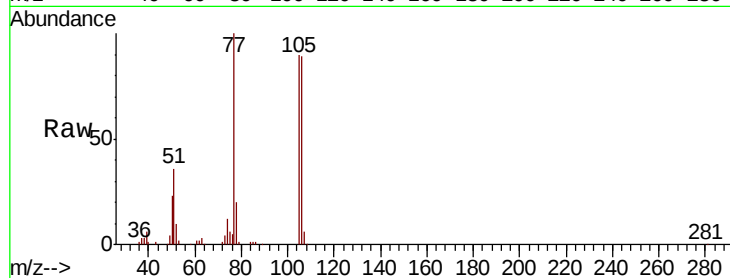
Tot Ion: 77 Resp: 87307

Ion Ratio Lower Upper

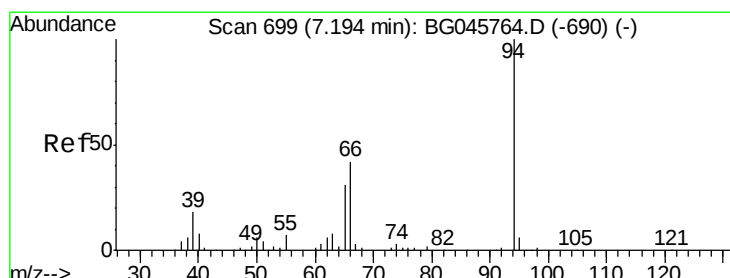
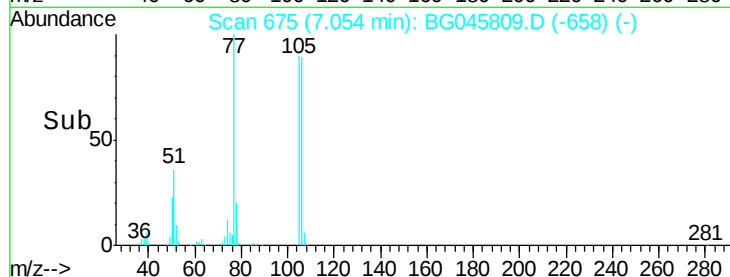
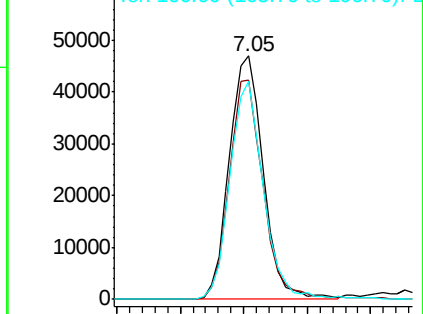
77 100

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

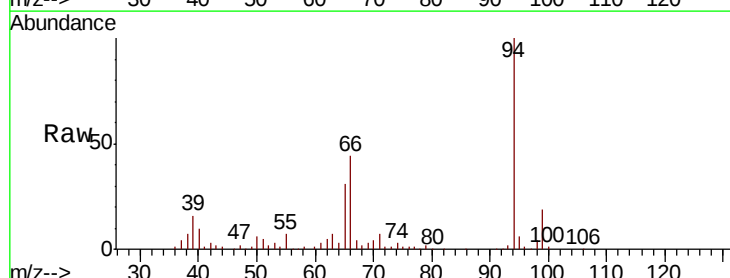
Tgt Ion: 94 Resp: 197048

Ion Ratio Lower Upper

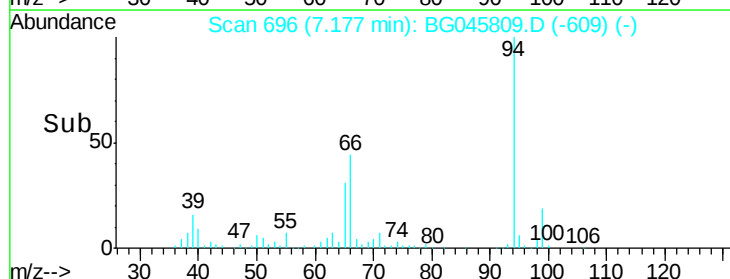
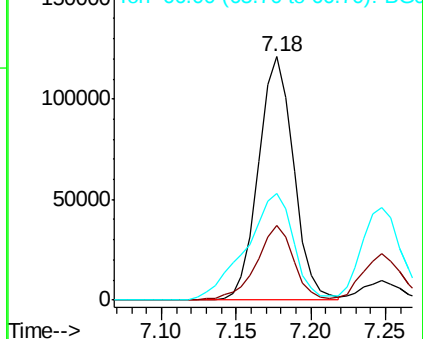
94 100

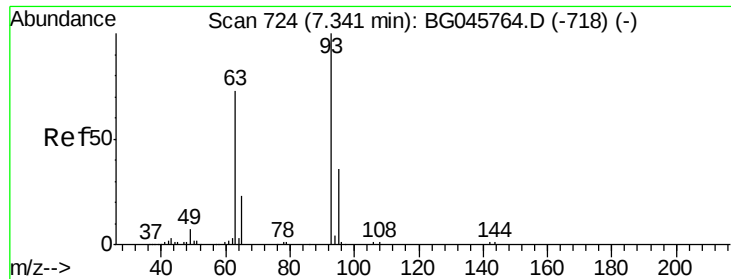
65 30.7 10.7 50.7

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 :

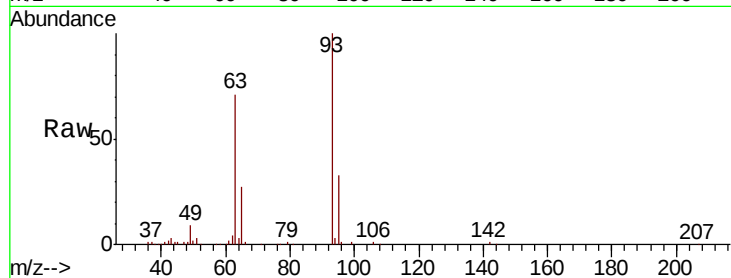
Tot Ion: 93 Resp: 141480

Ion Ratio Lower Upper

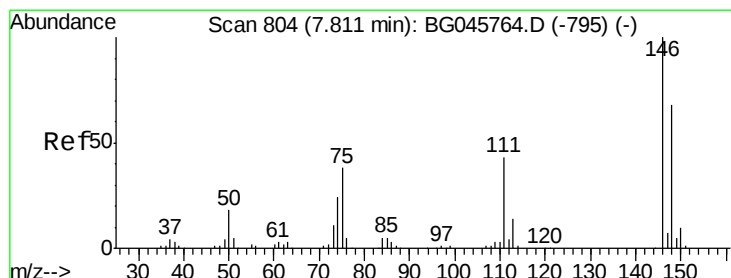
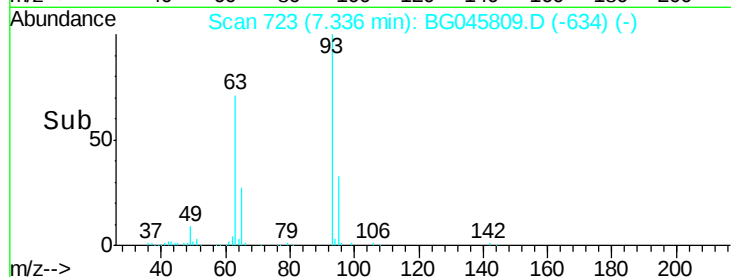
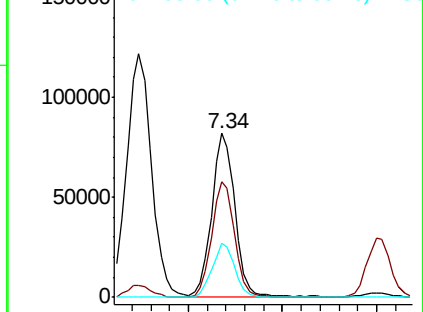
93 100

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

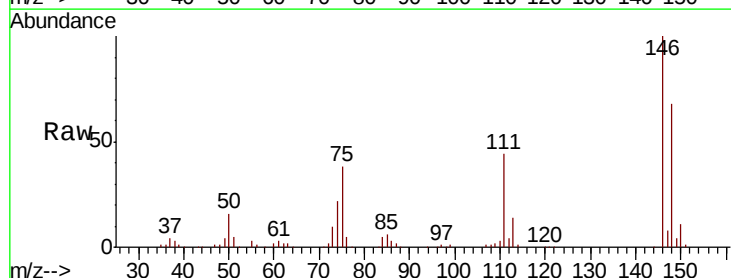
Tgt Ion: 146 Resp: 162702

Ion Ratio Lower Upper

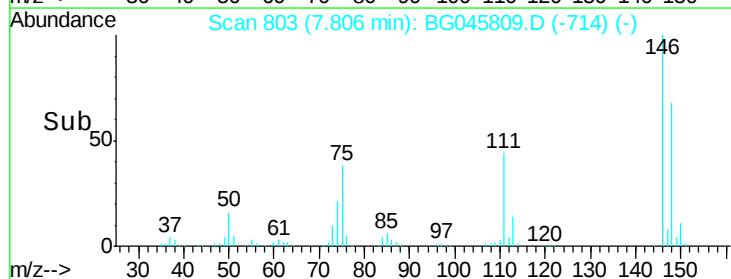
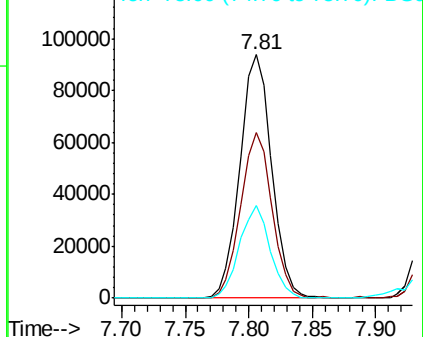
146 100

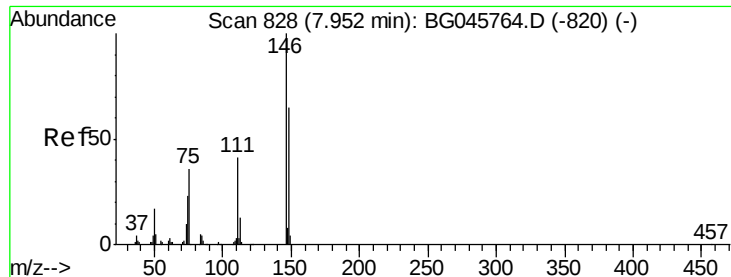
148 68.1 54.2 81.4

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

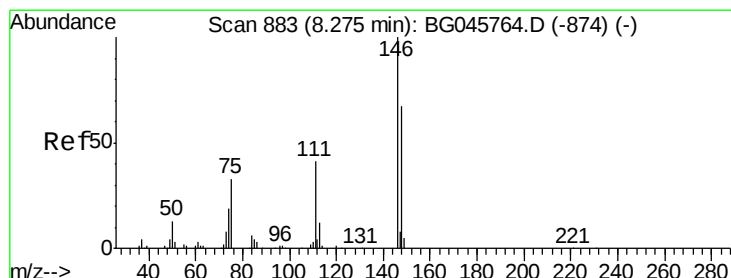
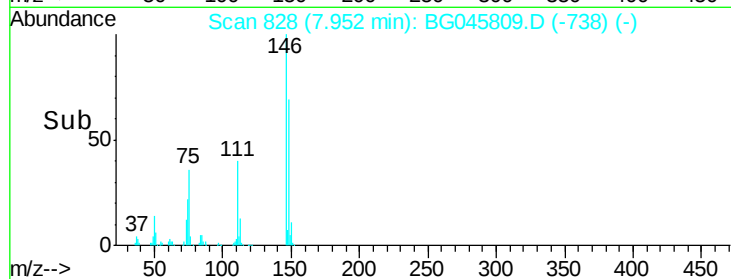
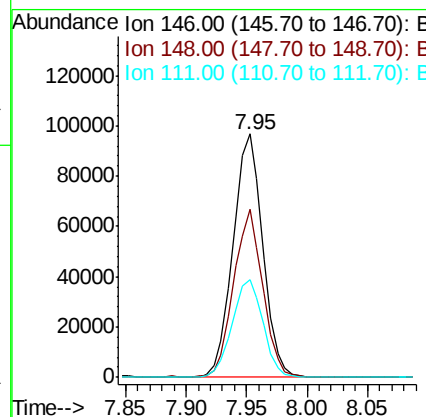
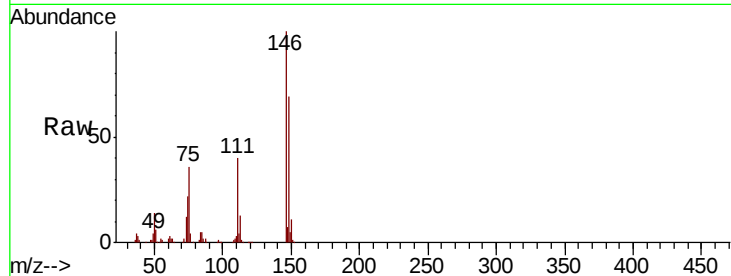




#13
 1,4-Dichlorobenzene
 Concen: 43.756 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

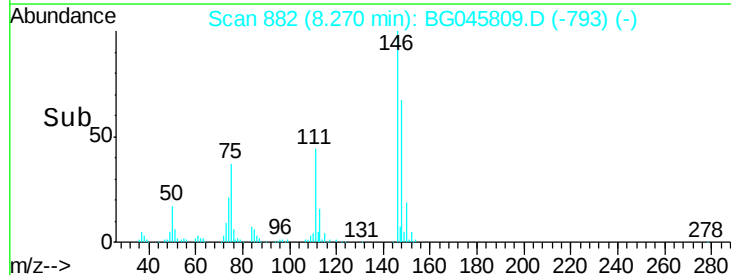
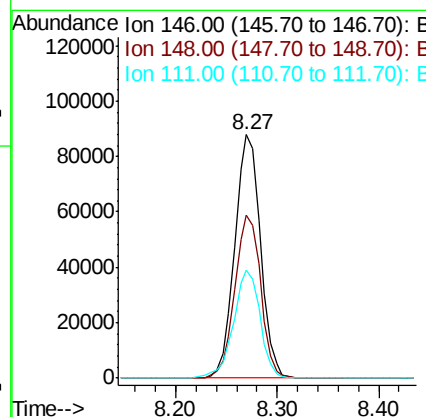
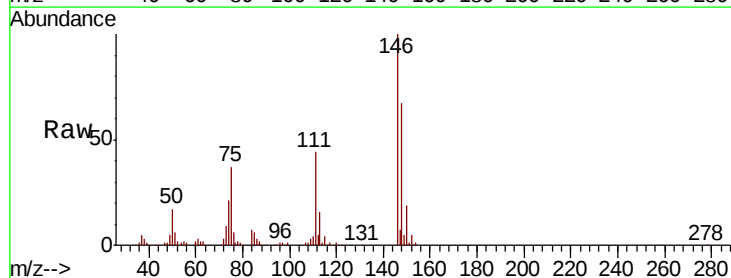
Instrument :
 BNA_G
 ClientSampleId :

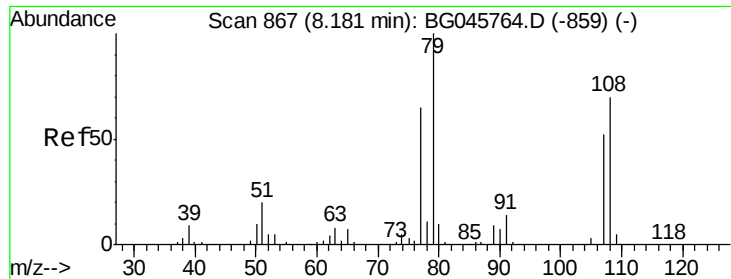
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.2	51.8	77.6
111	40.4	32.8	49.2



#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

ClientSampled :

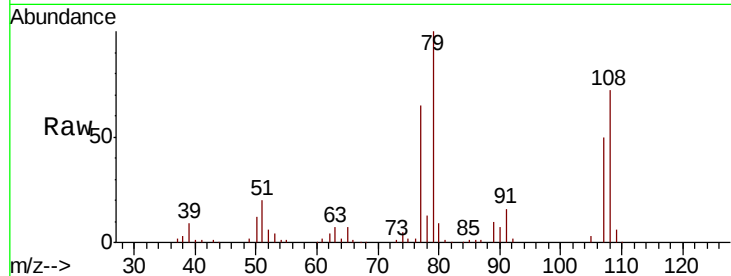
Tot Ion: 79 Resp: 146650

Ion Ratio Lower Upper

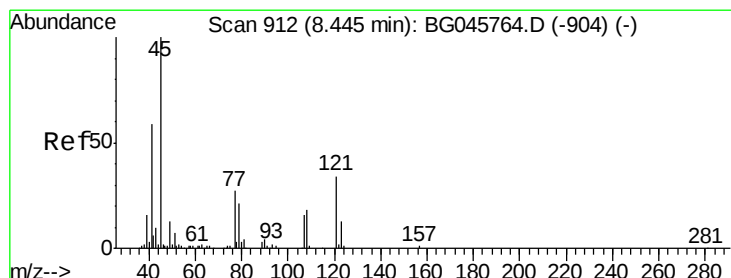
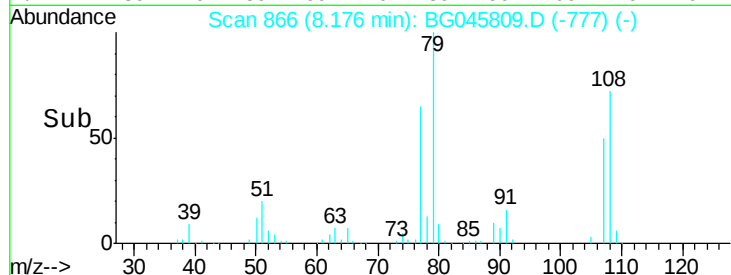
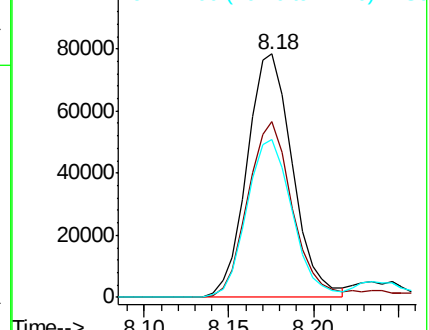
79 100

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

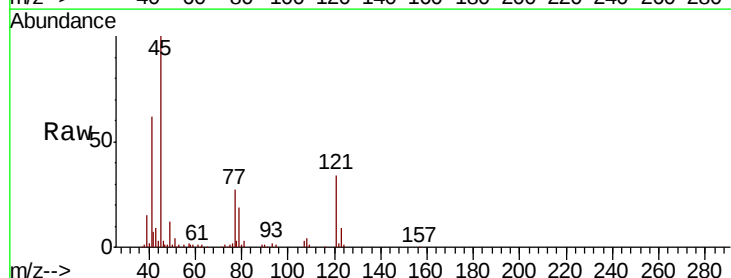
Tgt Ion: 45 Resp: 130992

Ion Ratio Lower Upper

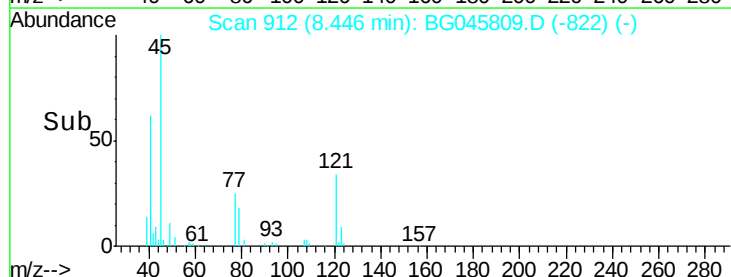
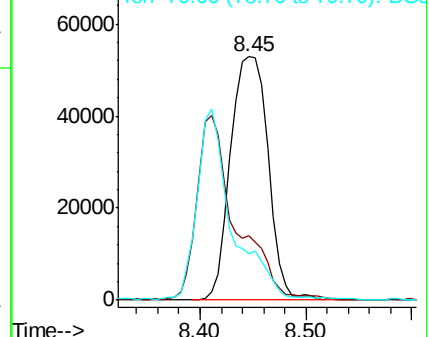
45 100

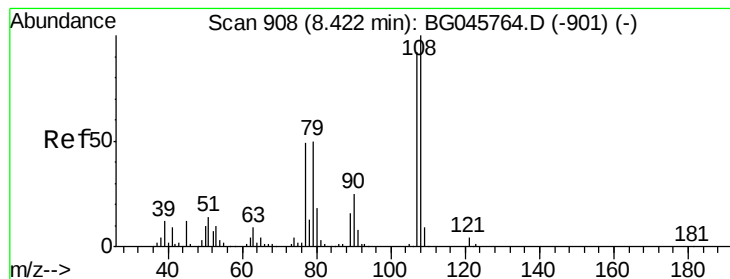
77 26.5 14.9 54.9

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 :

Tot Ion:107 Resp: 132992

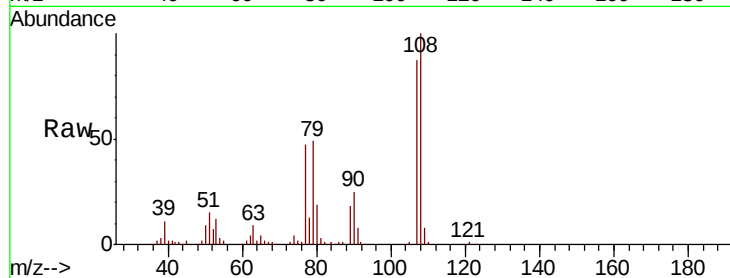
Ion Ratio Lower Upper

107 100

108 114.6 87.4 131.0

77 53.7 42.5 63.7

79 55.6 44.0 66.0

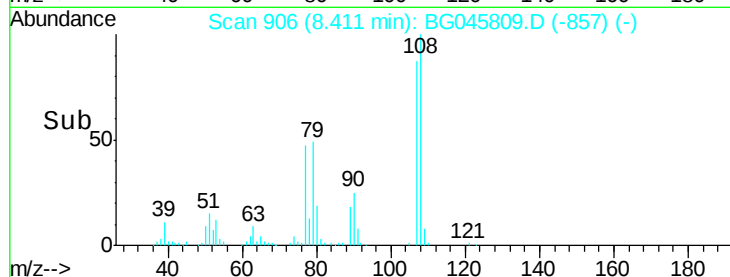


Abundance Ion 107.00 (106.70 to 107.70): E

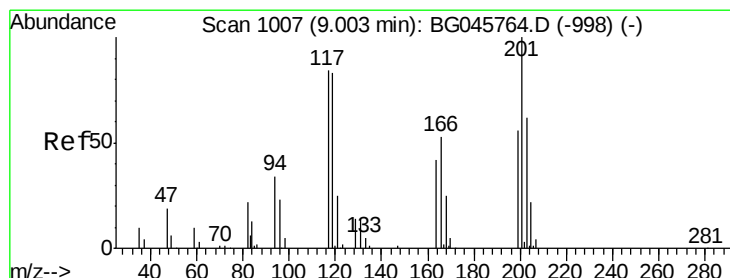
Ion 108.00 (107.70 to 108.70): E

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

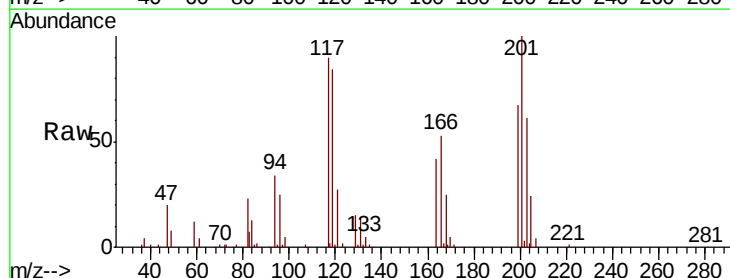
Tgt Ion:117 Resp: 61538

Ion Ratio Lower Upper

117 100

119 93.3 78.9 118.3

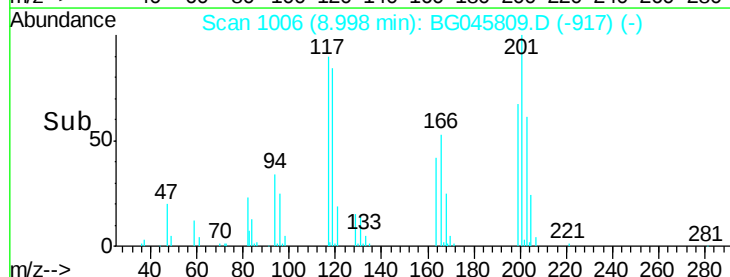
201 111.6 95.5 143.3



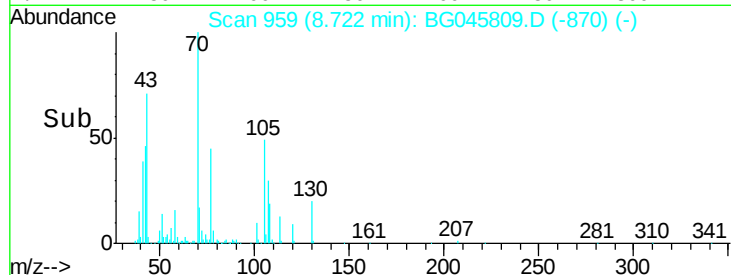
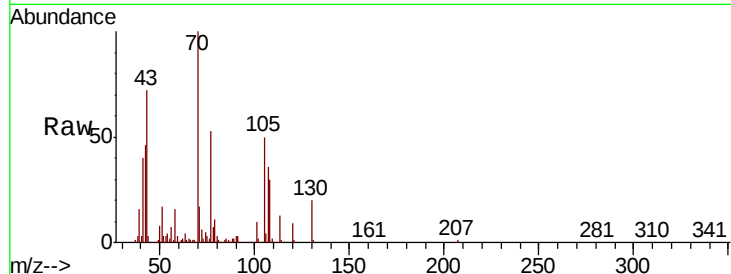
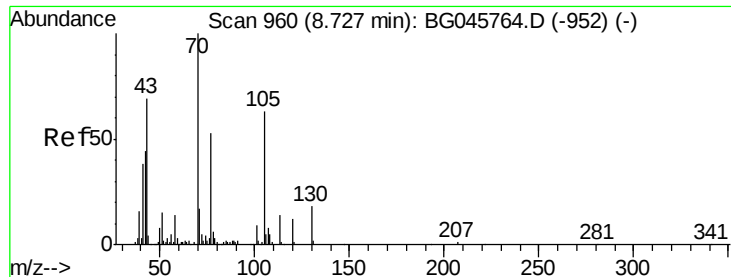
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



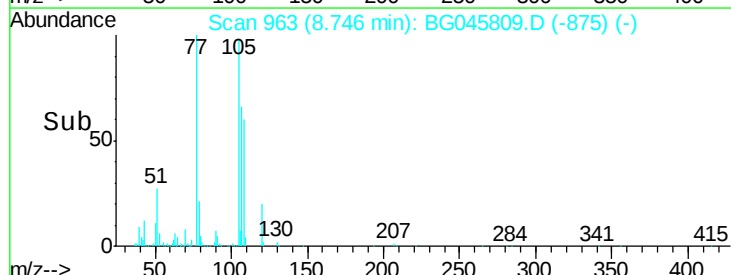
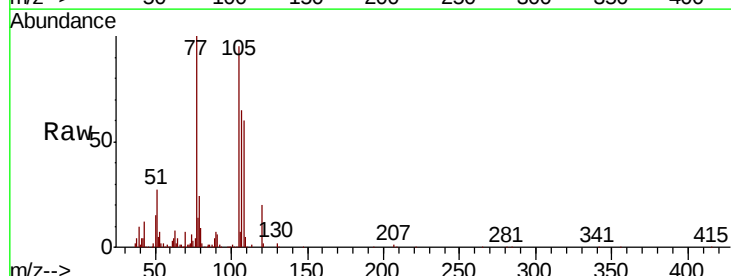
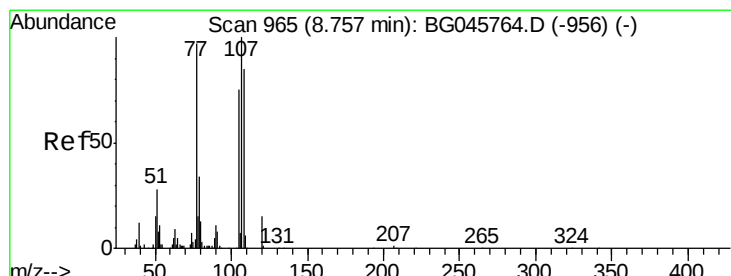
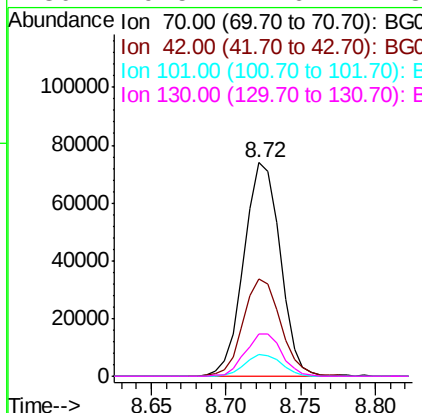
Time--> 8.95 9.00 9.05



#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

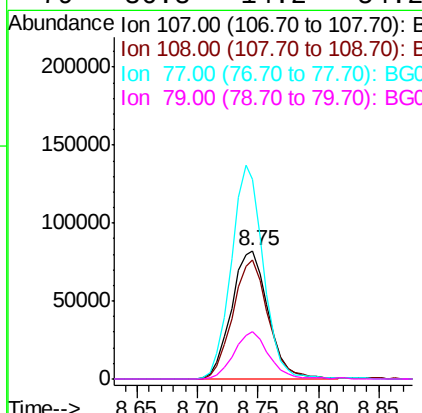
Instrument :
BNA_G
ClientSampleId :

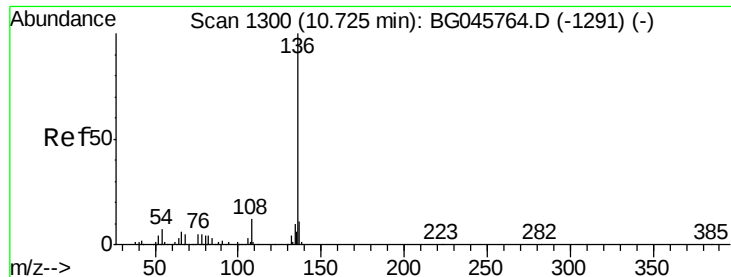
Tot Ion:	70	Resp:	124690
Ion	Ratio	Lower	Upper
70	100		
42	45.6	35.1	52.7
101	10.3	7.4	11.0
130	19.5	14.6	21.8



#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 :

Tot Ion:136 Resp: 191802

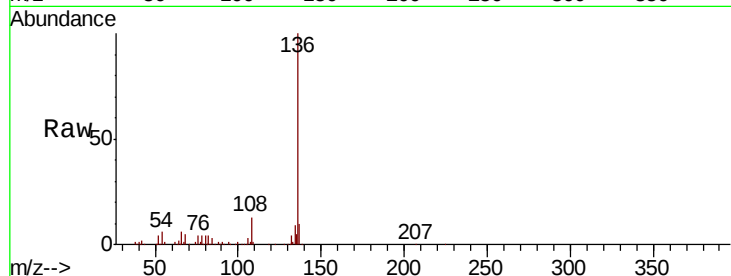
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 6.1 5.8 8.6

68 4.6 4.0 6.0

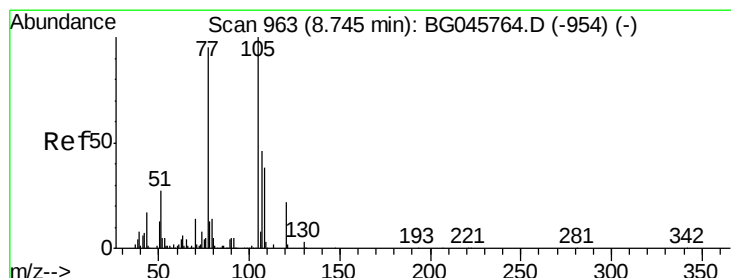
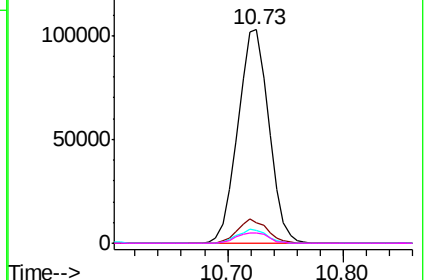
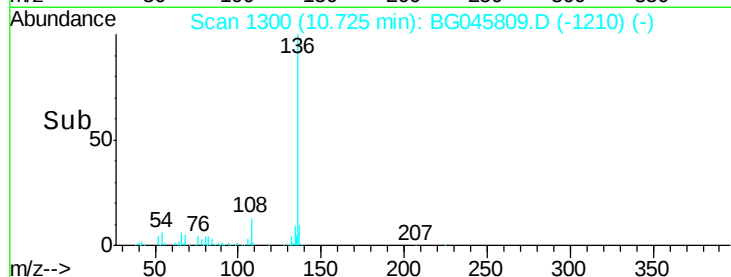


Abundance Ion 136.00 (135.70 to 136.70): E

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

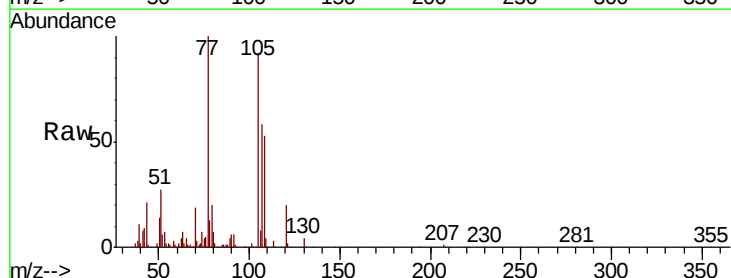
Ion Ratio Lower Upper

105 100

71 3.2 1.8 2.8#

51 29.5 21.9 32.9

120 21.2 17.3 25.9

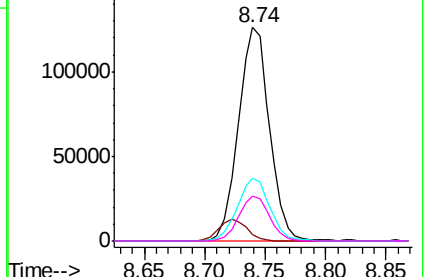
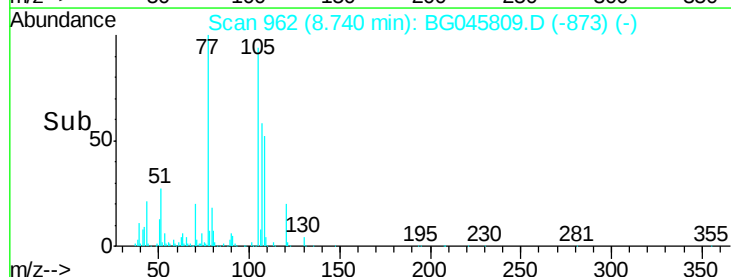


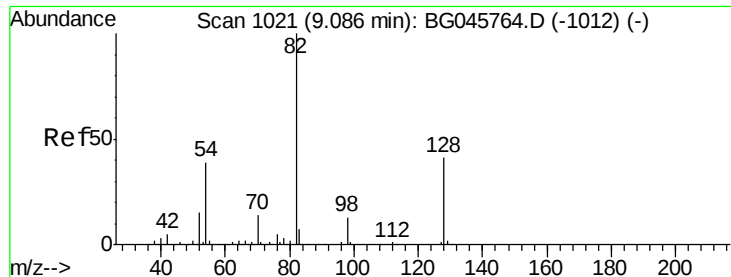
Abundance Ion 105.00 (104.70 to 105.70): E

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

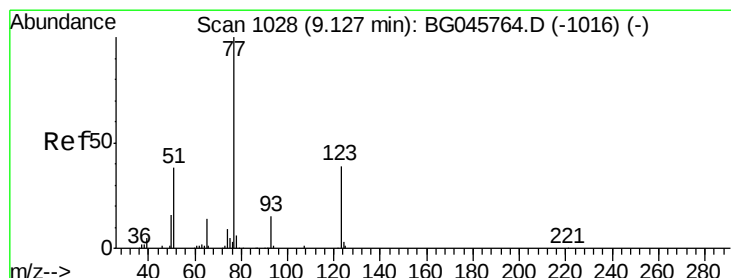
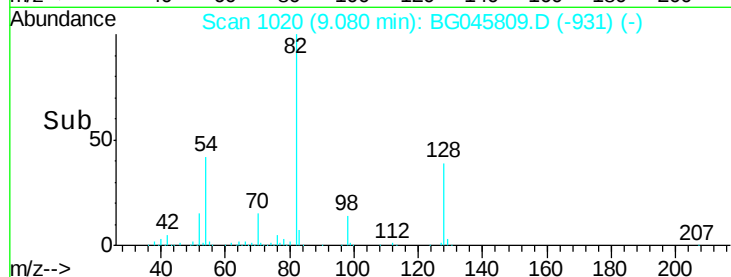
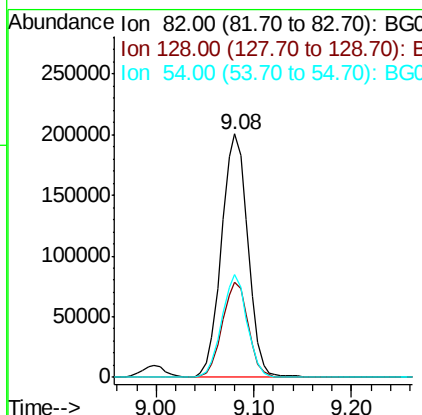
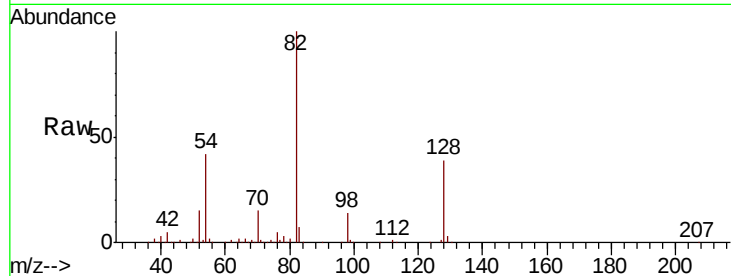




#23
 Nitrobenzene-d5
 Concen: 89.164 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

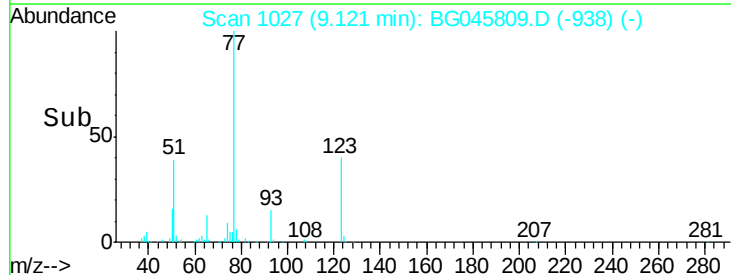
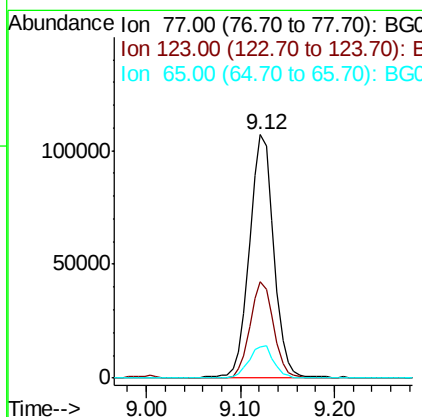
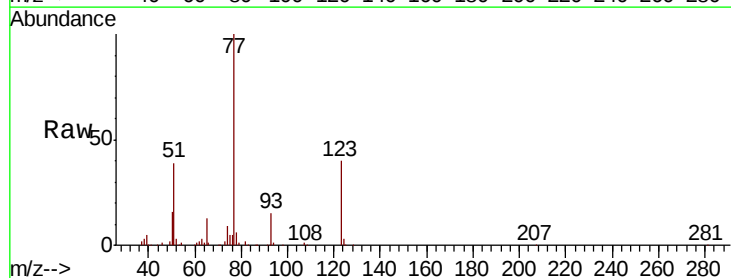
Instrument :
 BNA_G
 ClientSampleId :

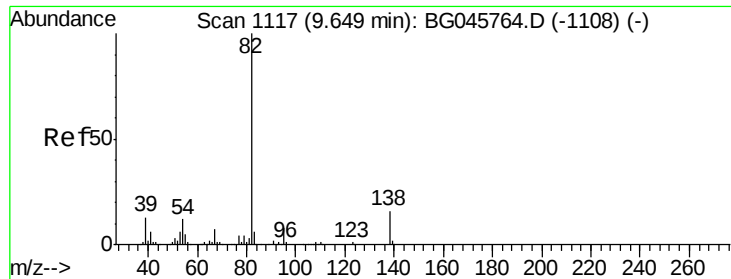
Tot Ion	82	Resp	374357
Ion Ratio	Lower	Upper	
82	100		
128	39.0	32.5	48.7
54	42.1	31.2	46.8



#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 :

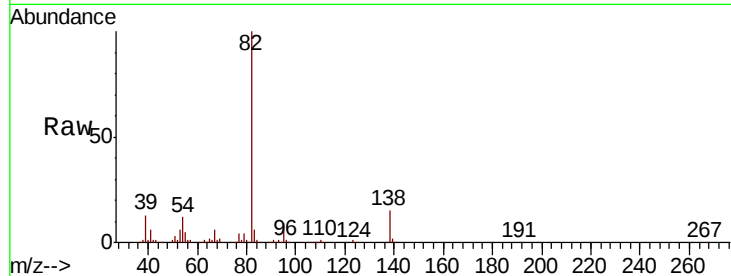
Tot Ion: 82 Resp: 340891

Ion Ratio Lower Upper

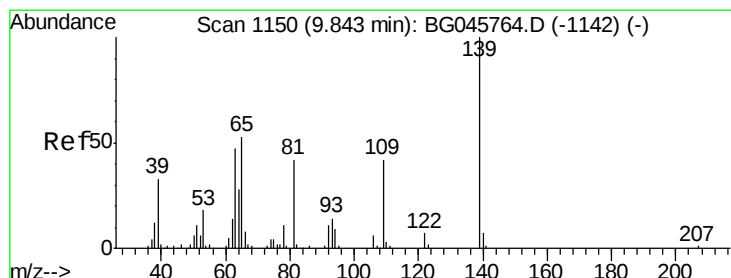
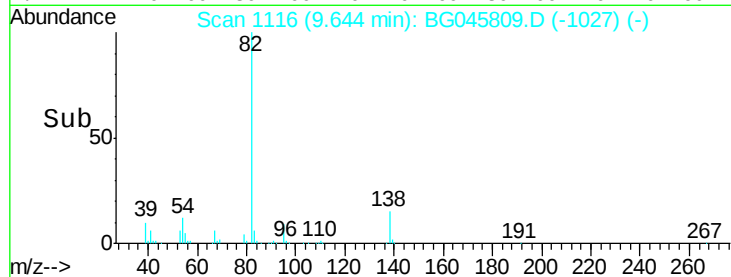
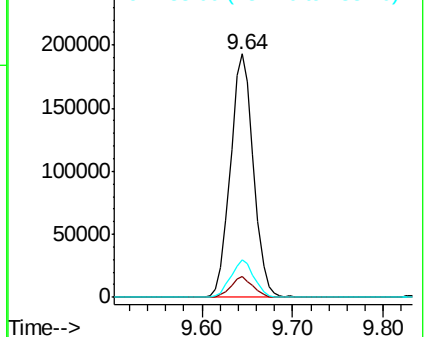
82 100

95 8.6 6.2 9.4

138 15.2 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 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

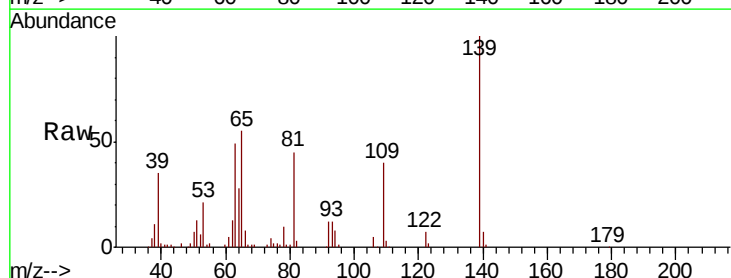
Tgt Ion: 139 Resp: 83631

Ion Ratio Lower Upper

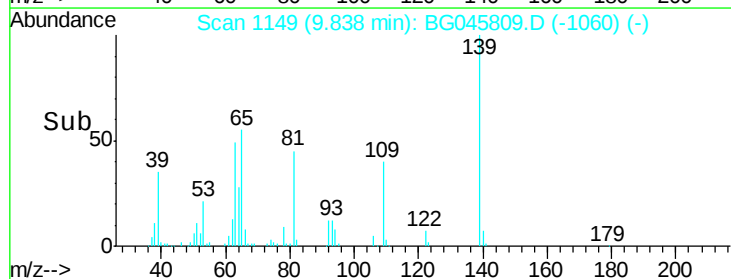
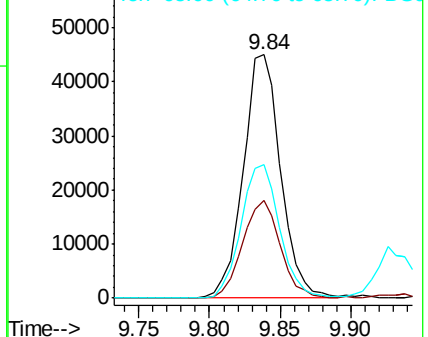
139 100

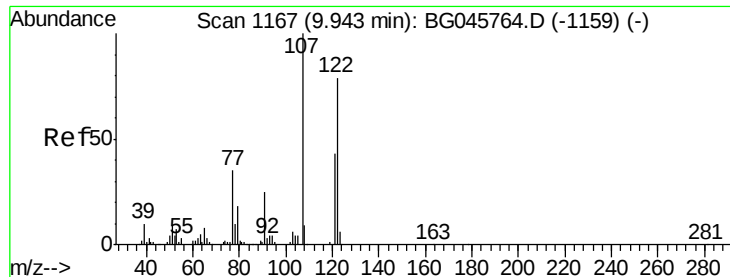
109 40.4 33.5 50.3

65 54.9 42.2 63.4



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

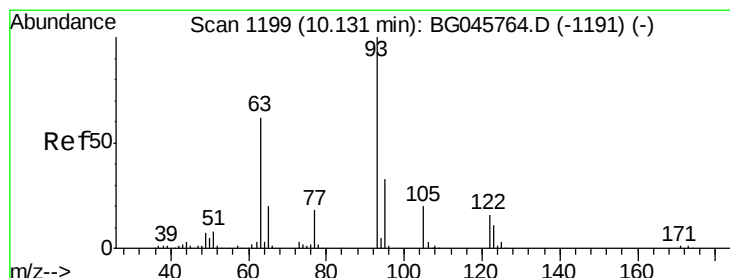
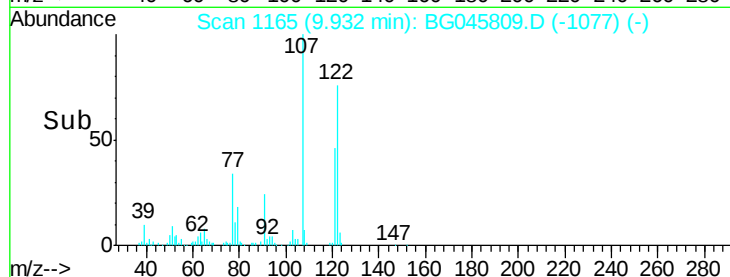
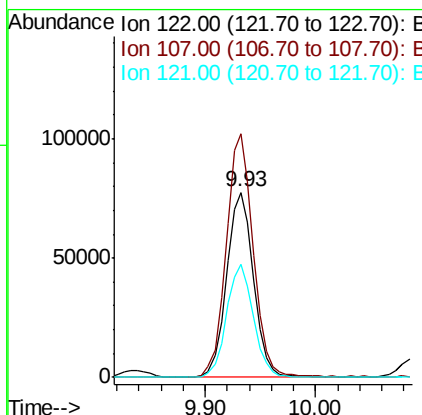
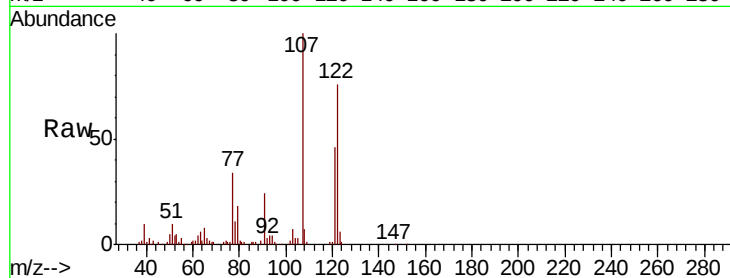




#27
 2,4-Dimethylphenol
 Concen: 46.603 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

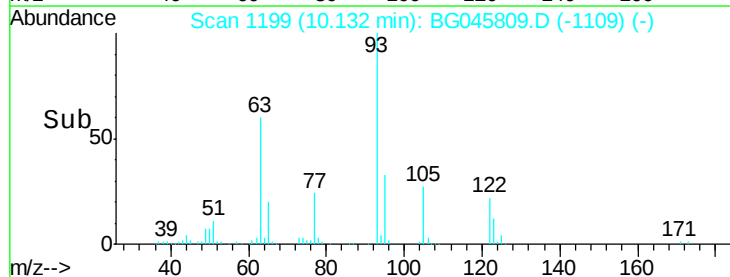
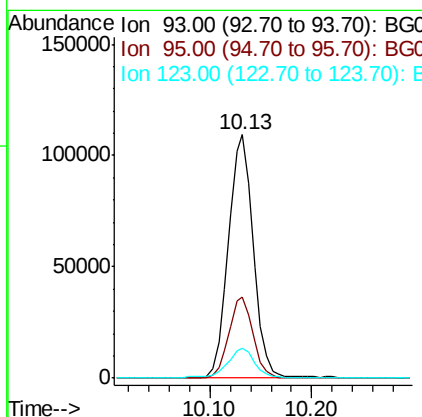
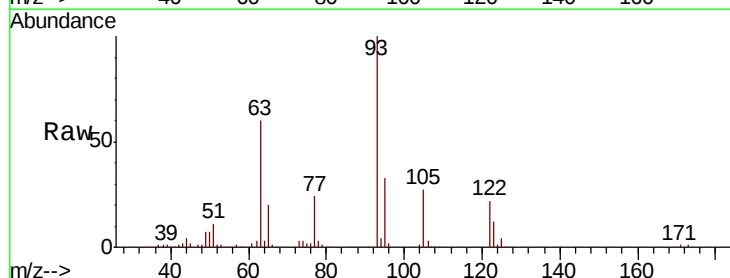
Instrument :
 BNA_G
 ClientSampled :

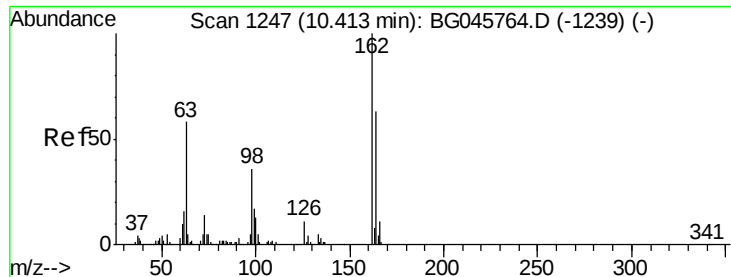
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.5	101.3	151.9
121	60.8	43.9	65.9



#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

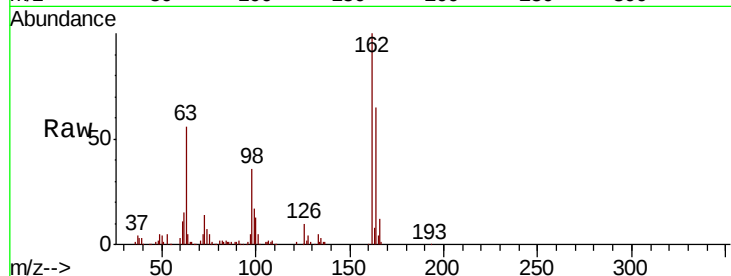




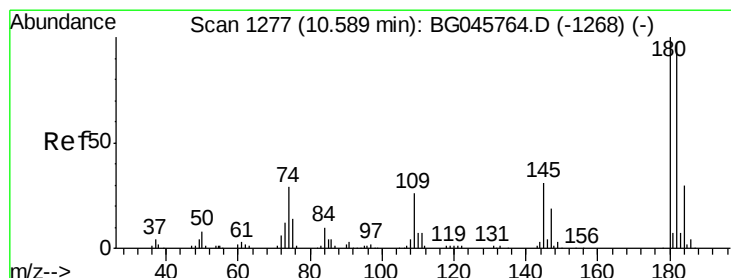
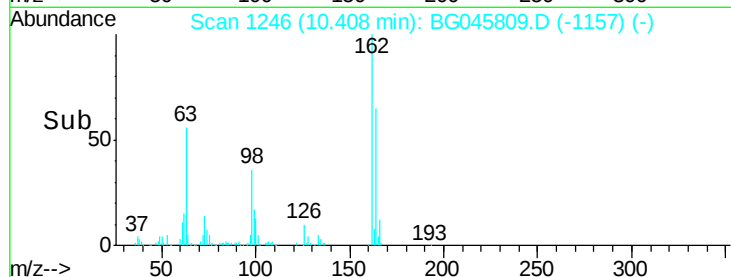
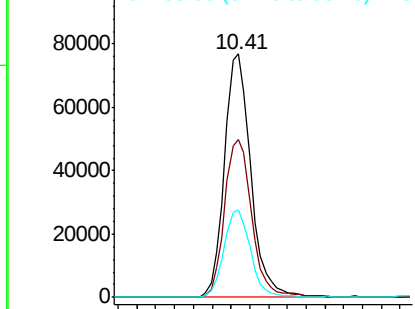
#29
 2,4-Dichlorophenol
 Concen: 45.337 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	150613
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.3	83.3
98	36.0	15.5	55.5

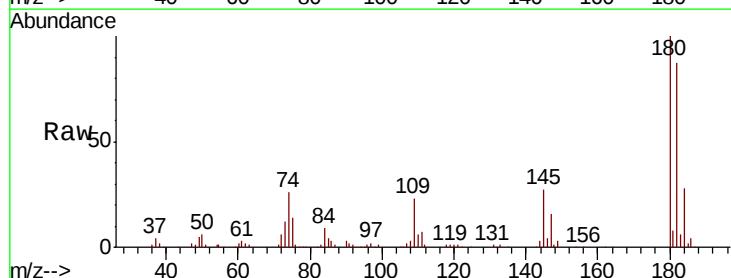


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

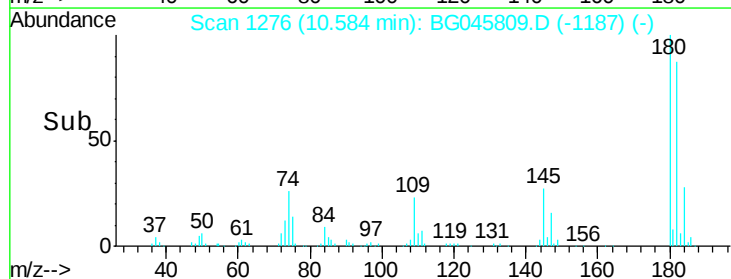
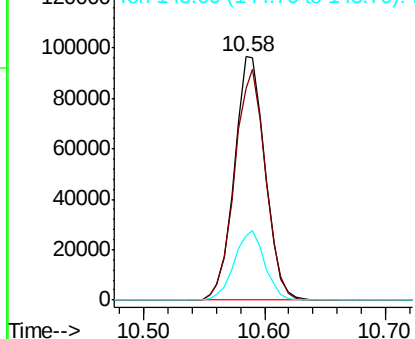


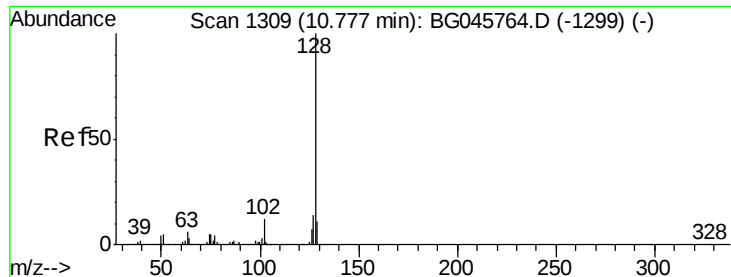
#30
 1,2,4-Trichlorobenzene
 Concen: 43.588 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion	180	Resp	171424
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

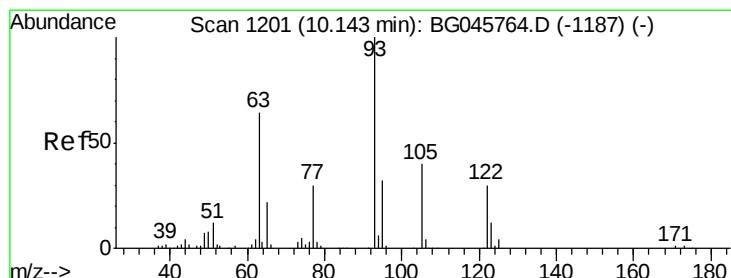
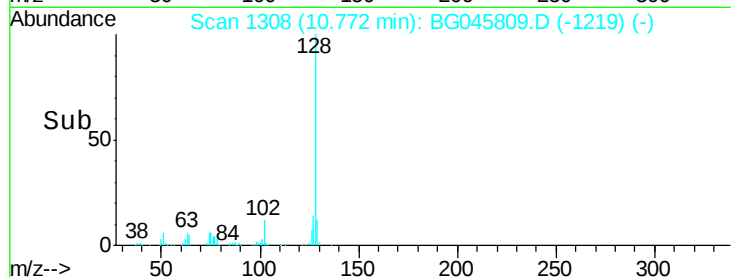
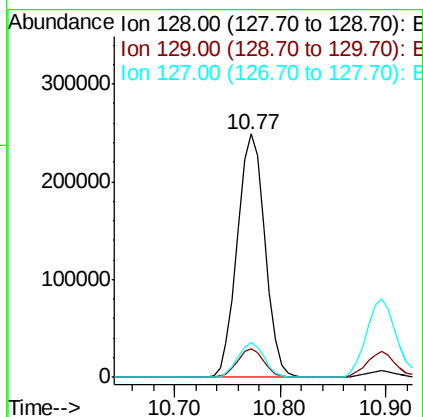
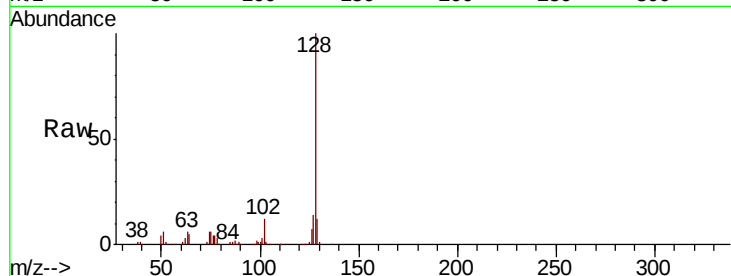




#31
Naphthalene
Concen: 42.922 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

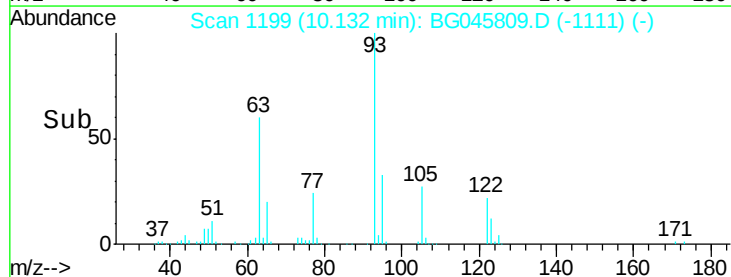
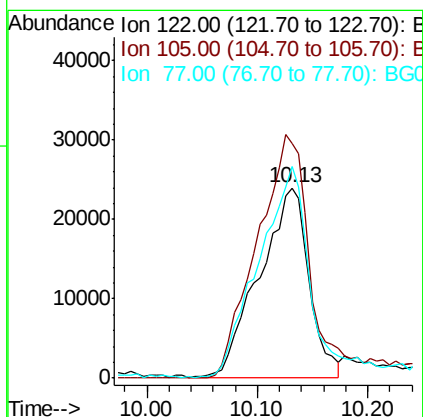
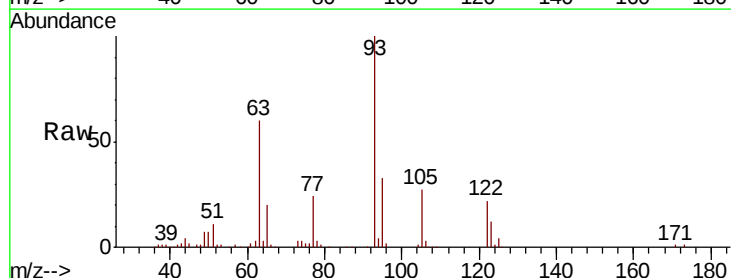
Instrument :
BNA_G
ClientSampleId :

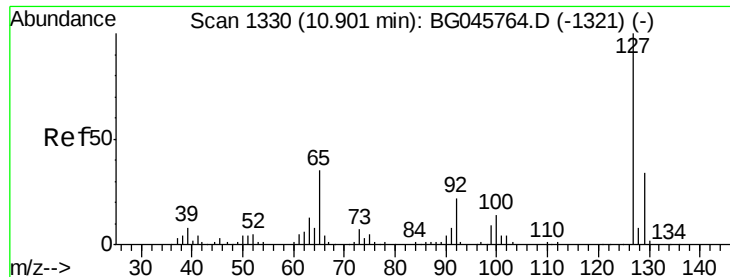
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	14.4	10.9	16.3



#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

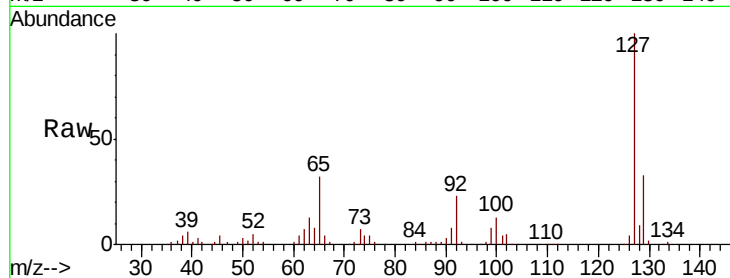




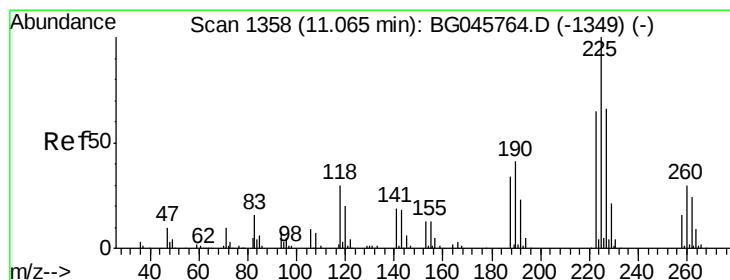
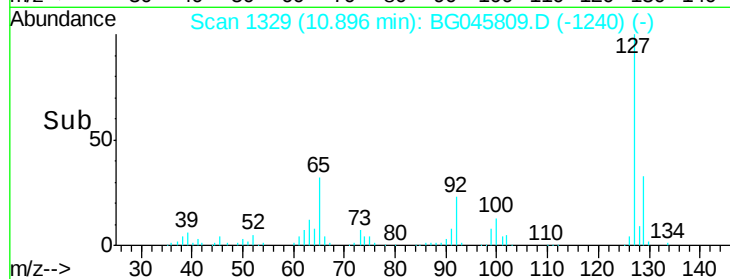
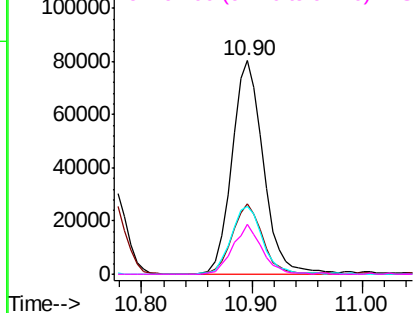
#33
4-Chloroaniline
Concen: 36.596 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :

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

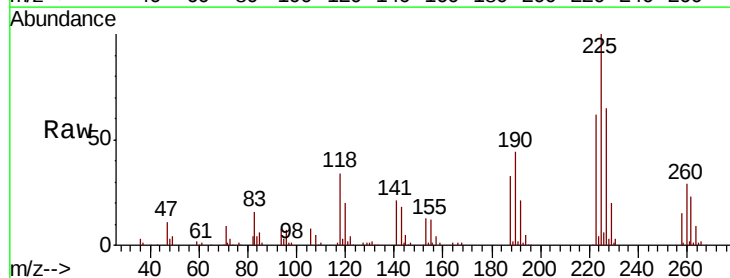


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

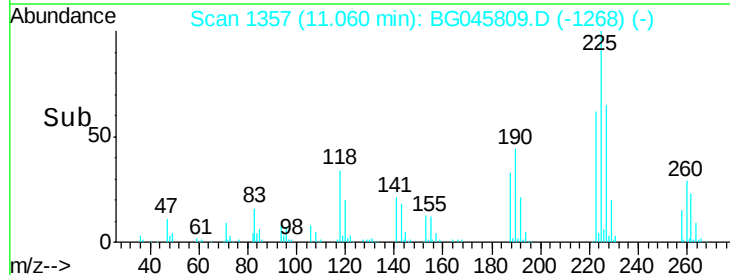
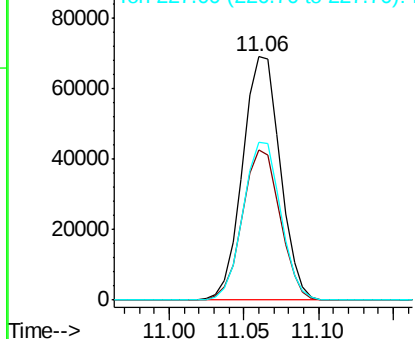


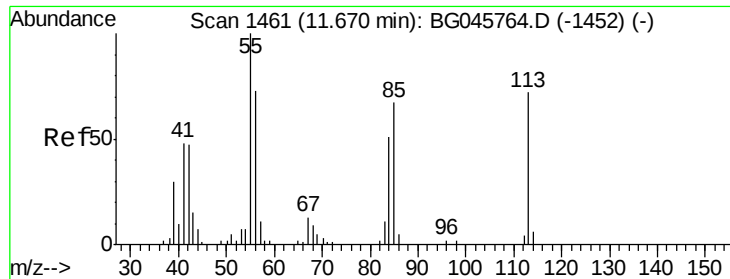
#34
Hexachlorobutadiene
Concen: 42.863 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

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

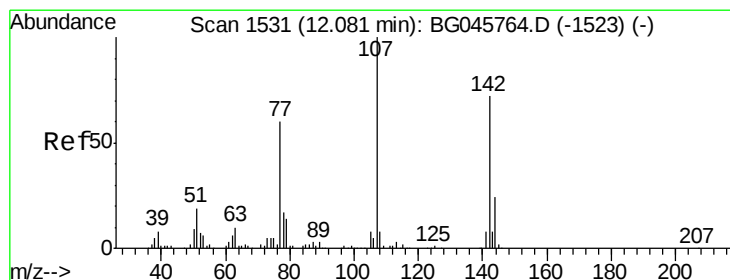
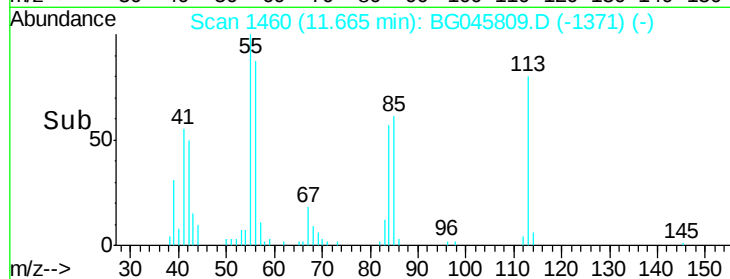
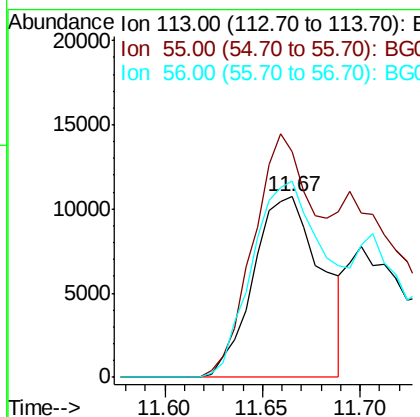
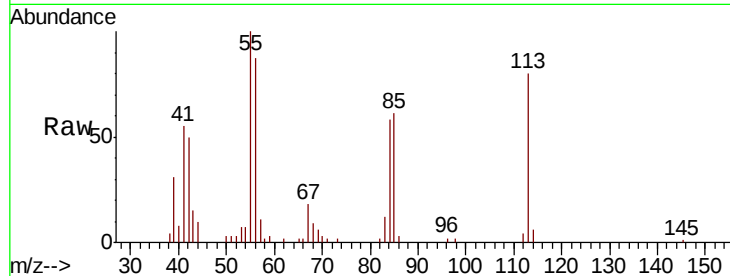




#35
 Caprolactam
 Concen: 24.209 ng
 RT: 11.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

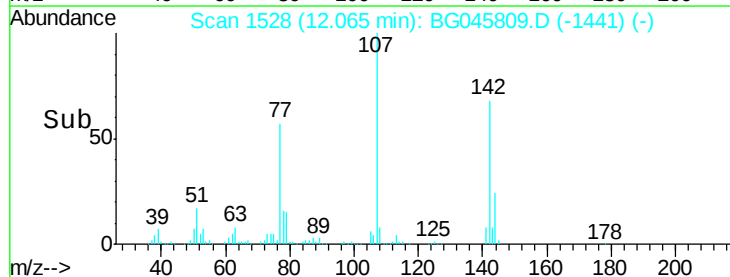
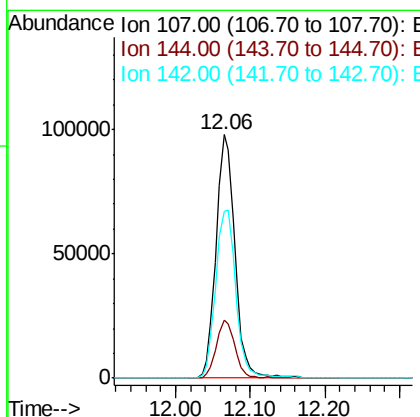
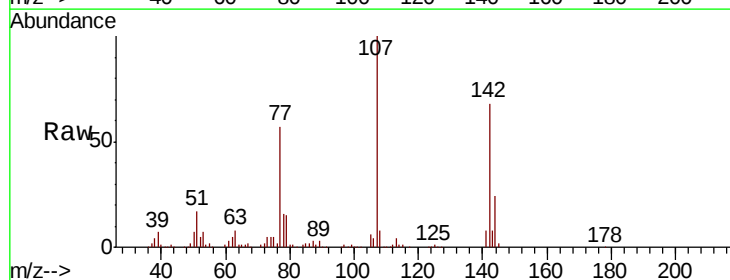
Instrument :
 BNA_G
 ClientSampled :

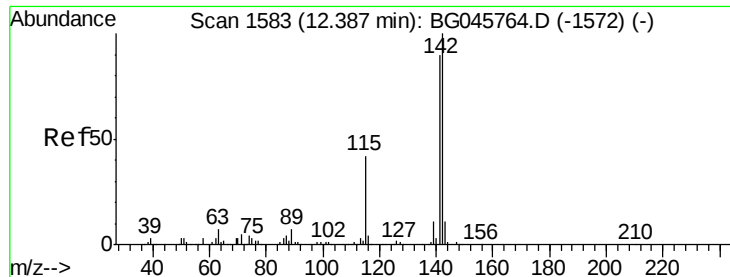
Tot Ion:113 Resp: 26025
 Ion Ratio Lower Upper
 113 100
 55 125.4 119.7 159.7
 56 109.0 82.5 122.5



#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

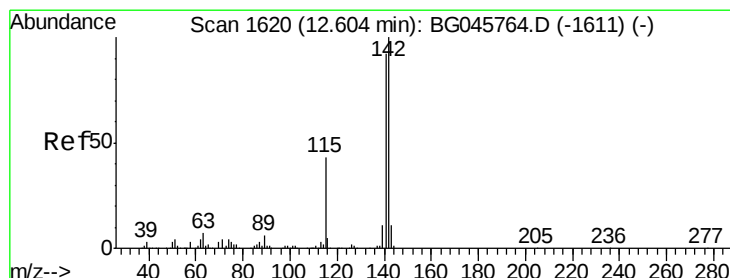
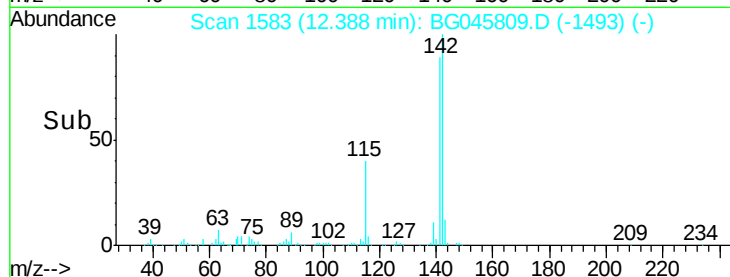
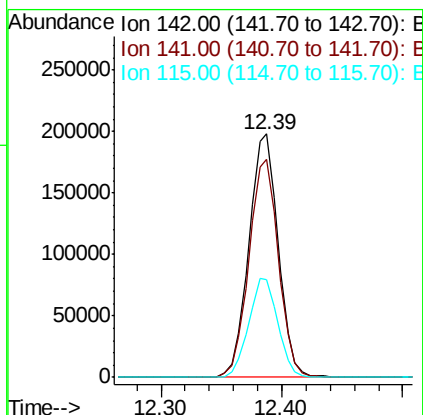
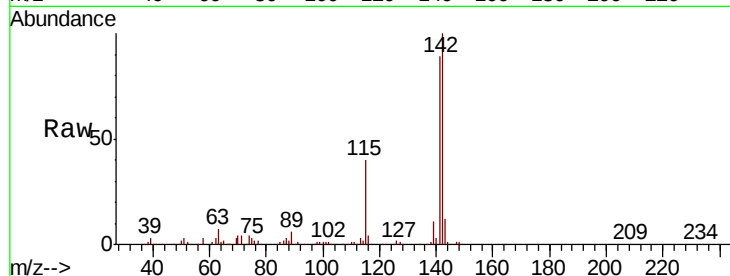




#37
2-Methylnaphthalene
Concen: 43.022 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

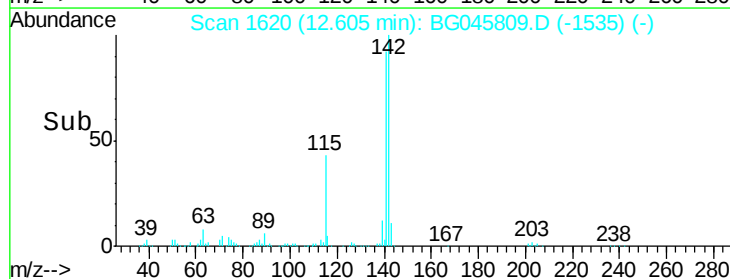
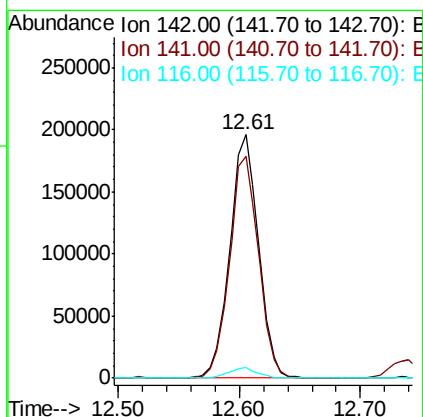
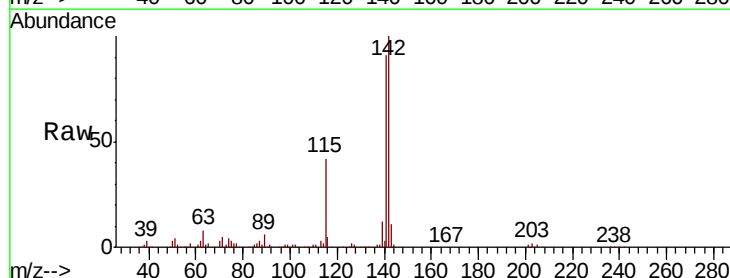
Instrument :
BNA_G
ClientSampleId :

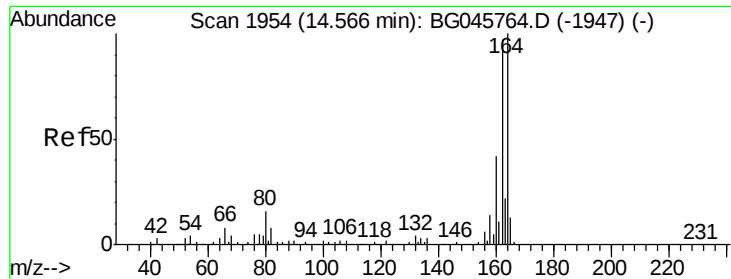
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5
115	40.3	33.8	50.6



#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 :

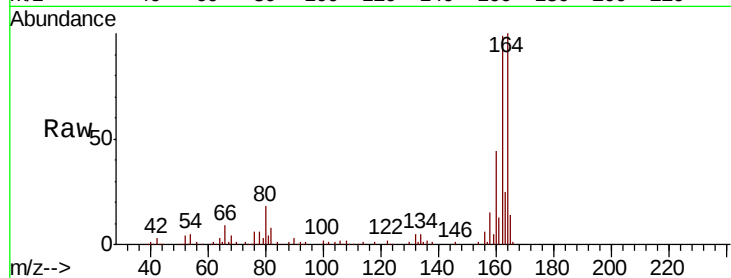
Tot Ion:164 Resp: 133406

Ion Ratio Lower Upper

164 100

162 99.4 77.4 116.0

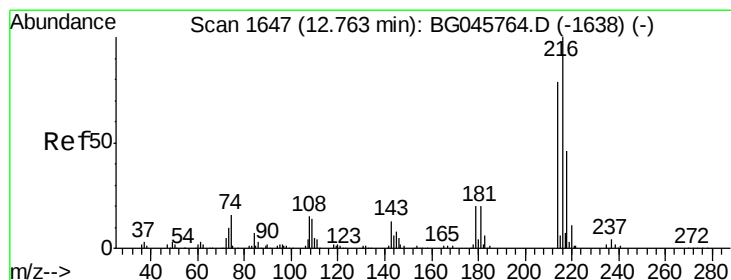
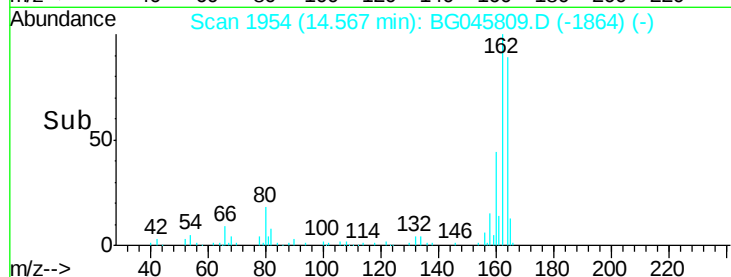
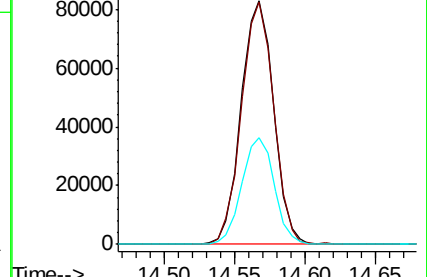
160 44.0 33.3 49.9



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

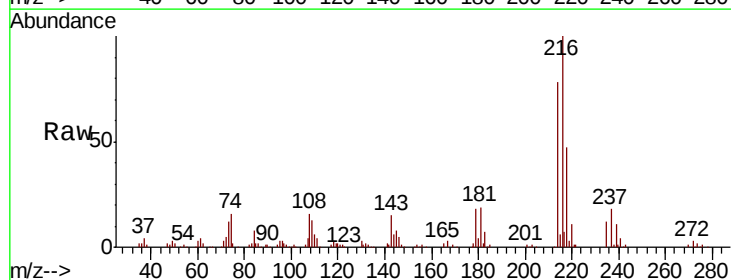
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 19.5 16.2 24.4

108 18.7 13.4 20.2

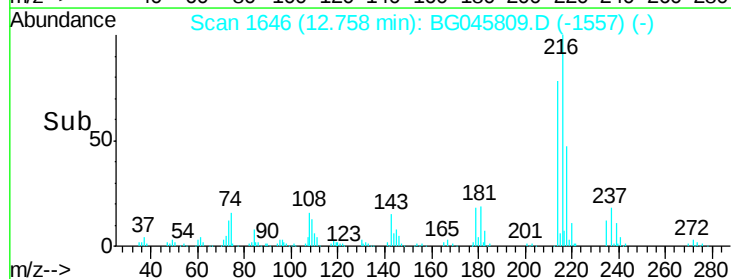
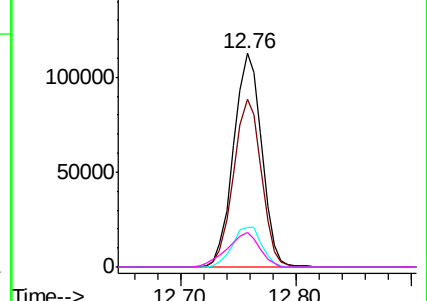


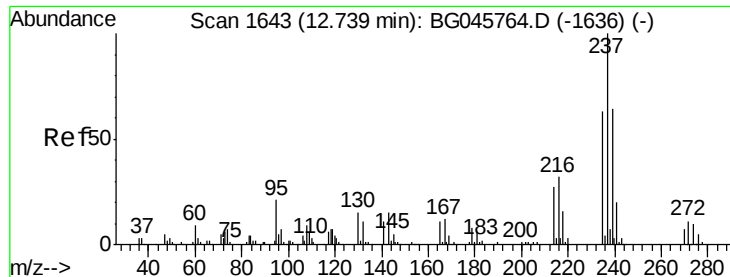
Abundance Ion 216.00 (215.70 to 216.70): E

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

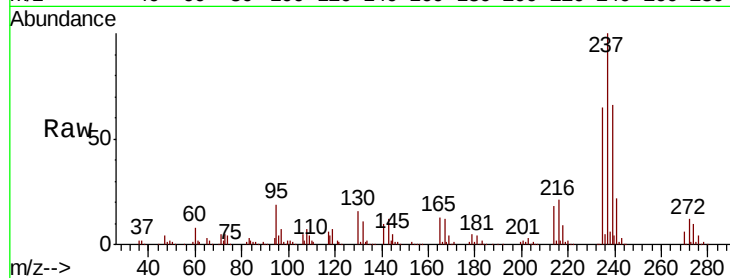
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 227466

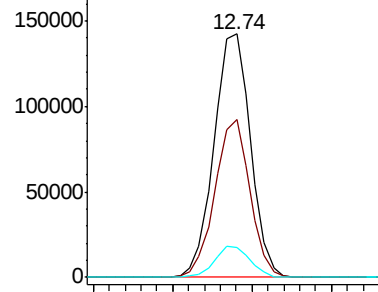
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.9	82.9
272	12.2	0.0	30.9



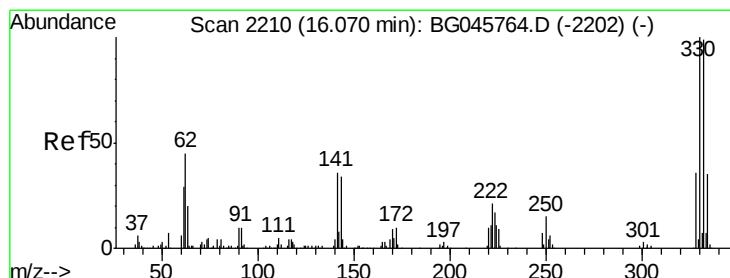
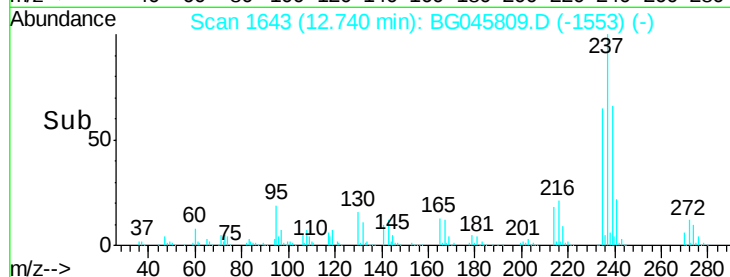
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 12.65 12.70 12.75 12.80



#42

2,4,6-Tribromophenol

Concen: 133.224 ng

RT: 16.07 min Scan# 2210

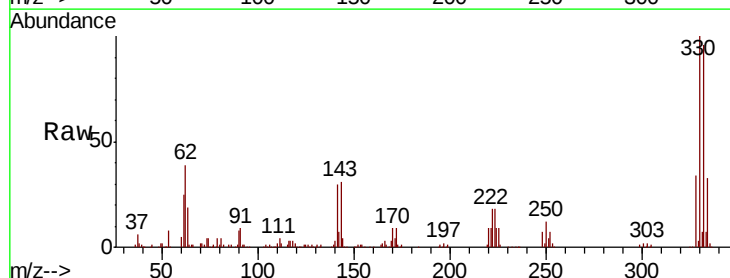
Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion:330 Resp: 268324

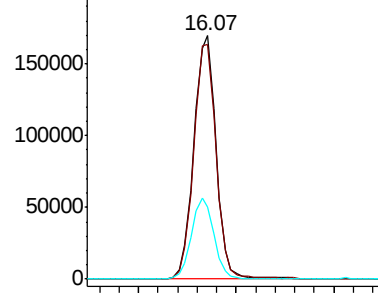
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	33.9	28.2	42.4



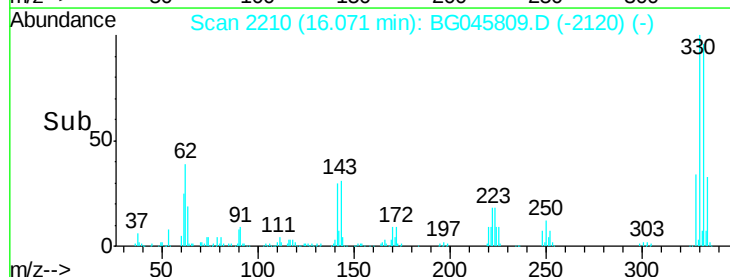
Abundance Ion 329.80 (329.50 to 330.50): E

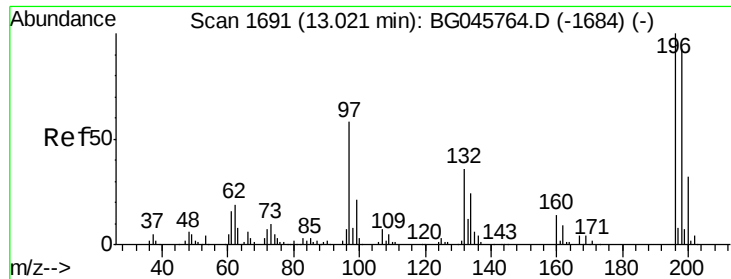
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.00 16.10 16.20

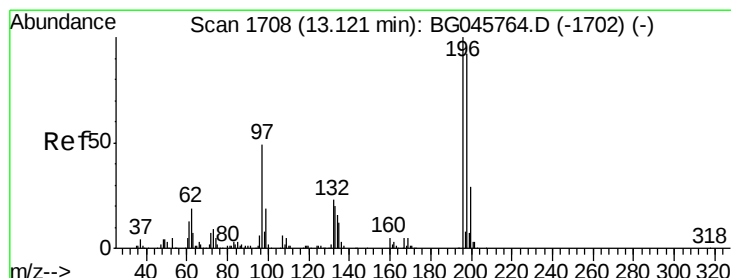
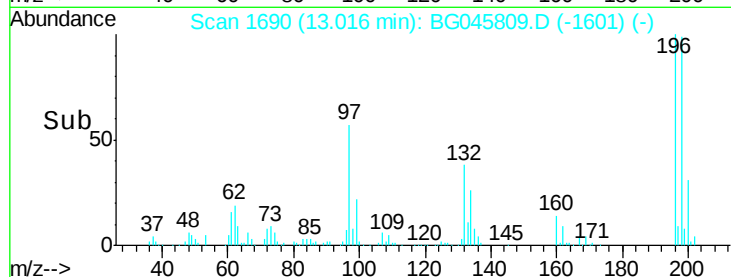
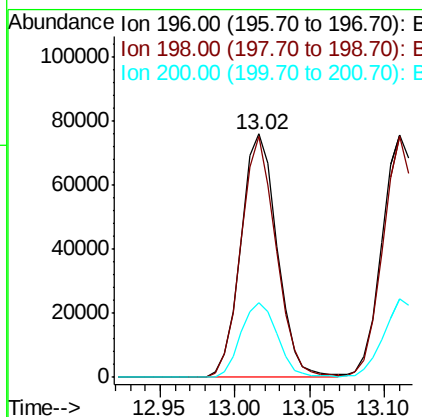
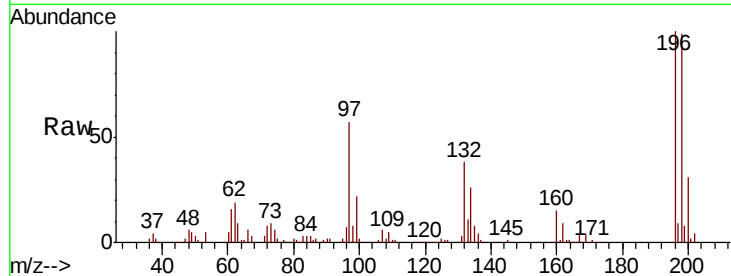




#43
 2,4,6-Trichlorophenol
 Concen: 42.985 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

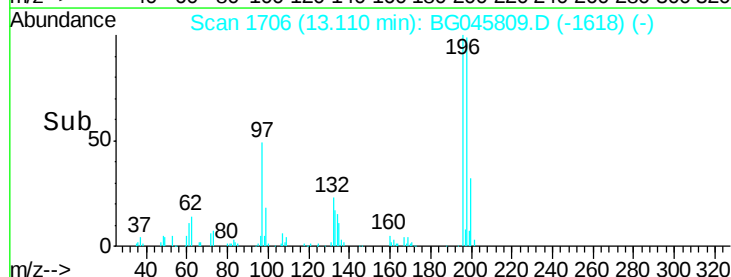
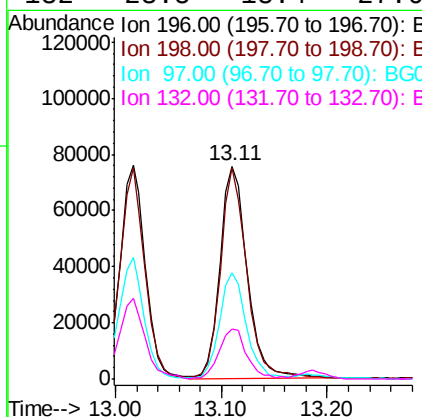
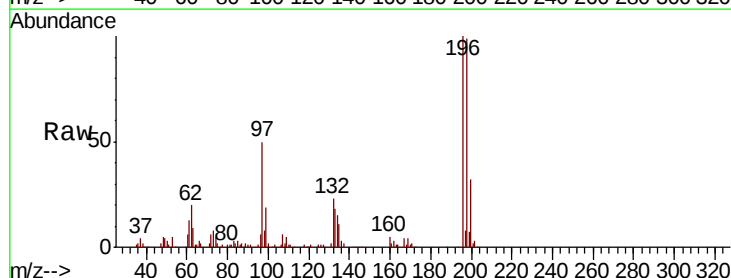
Instrument :
 BNA_G
 ClientSampled :

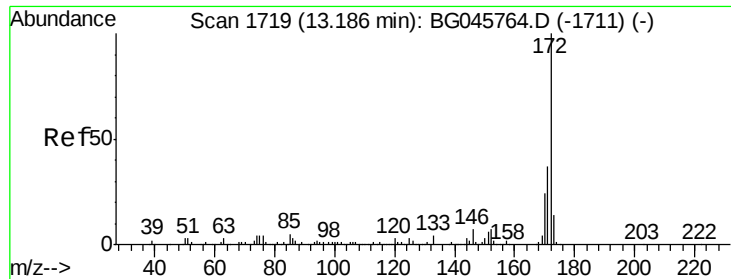
Tot Ion:196 Resp: 128023
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.4 111.6
 200 30.8 25.4 38.2



#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

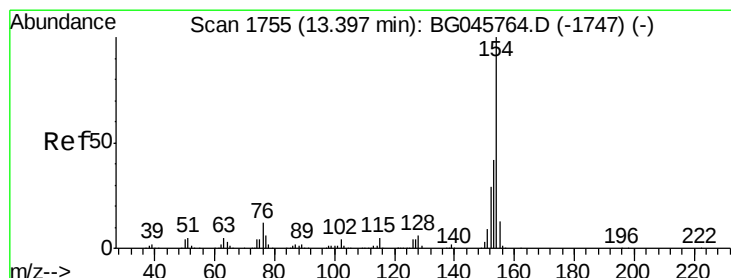
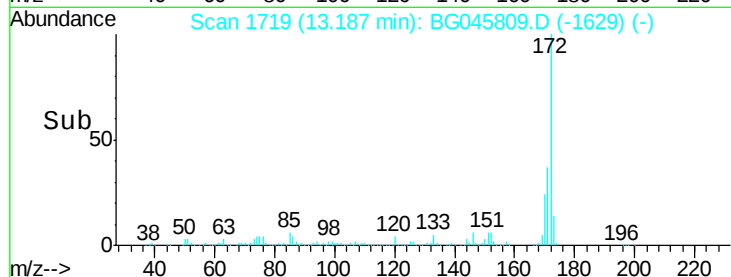
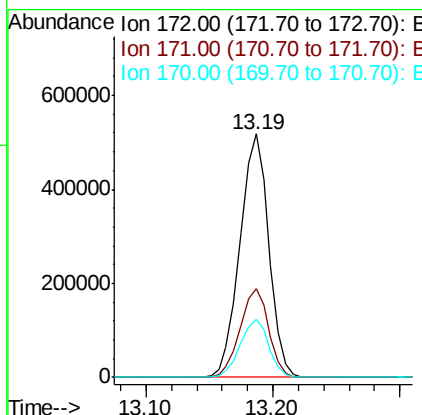
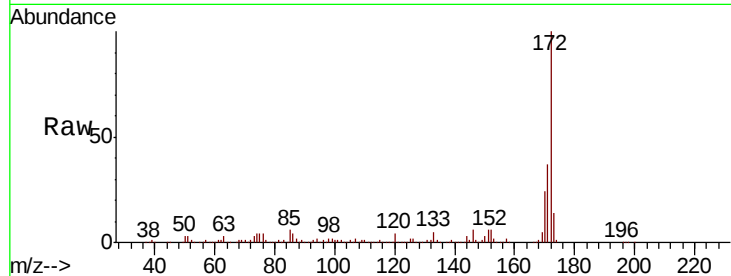




#45
2-Fluorobiphenyl
Concen: 89.879 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

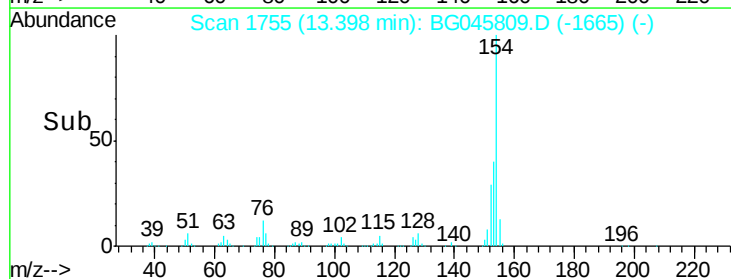
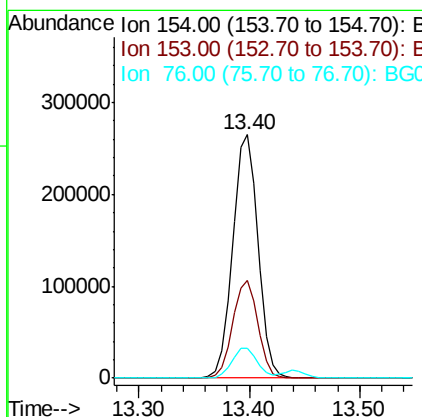
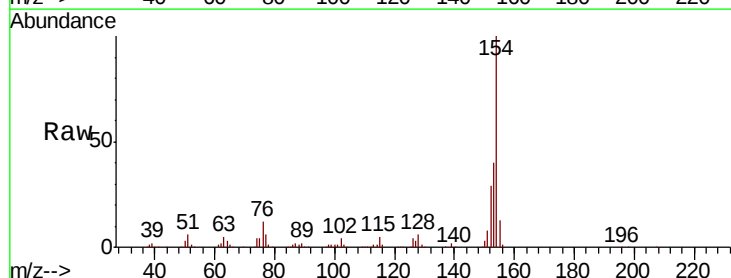
Instrument :
BNA_G
ClientSampleId :

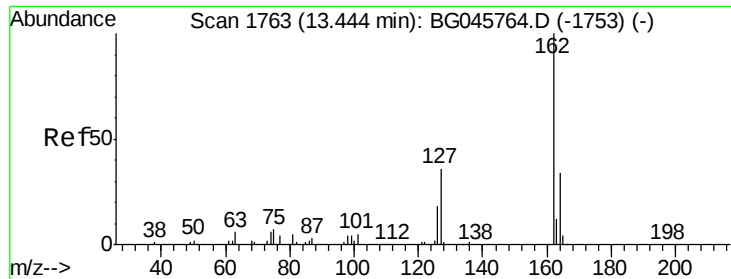
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.7	19.3	28.9



#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

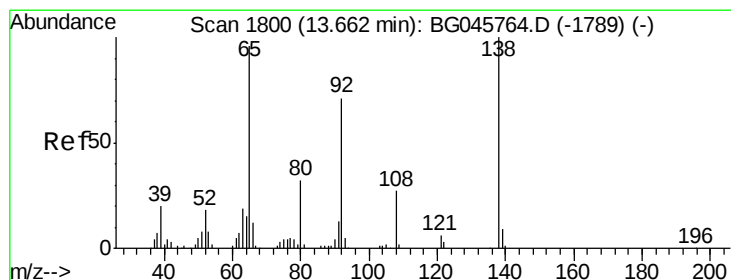
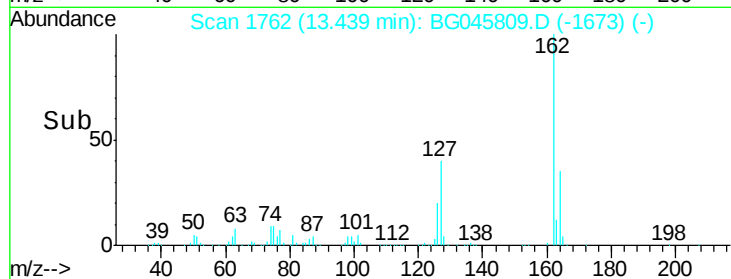
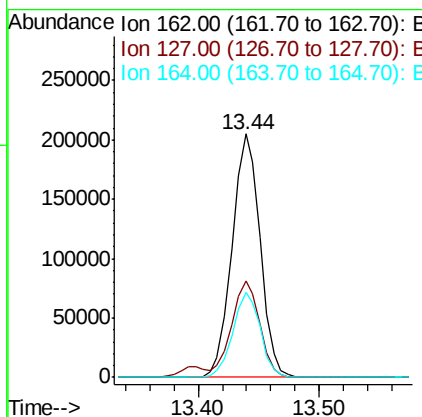
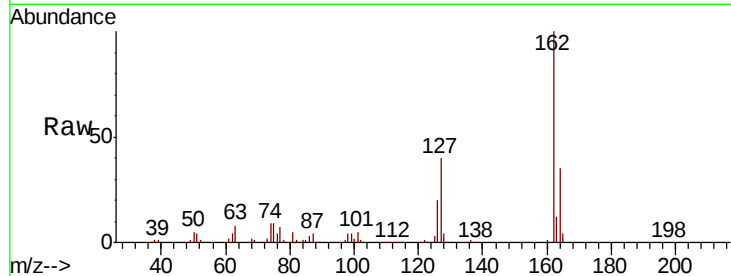




#47
2-Chloronaphthalene
Concen: 43.003 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

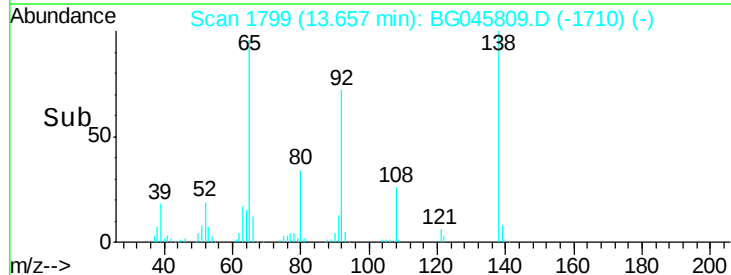
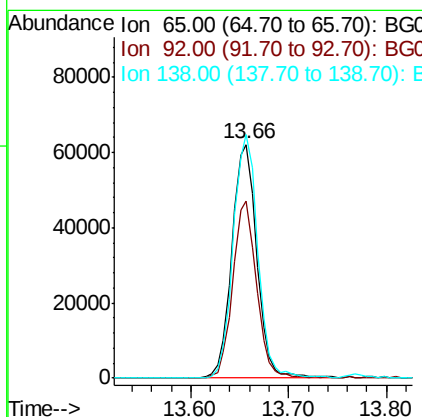
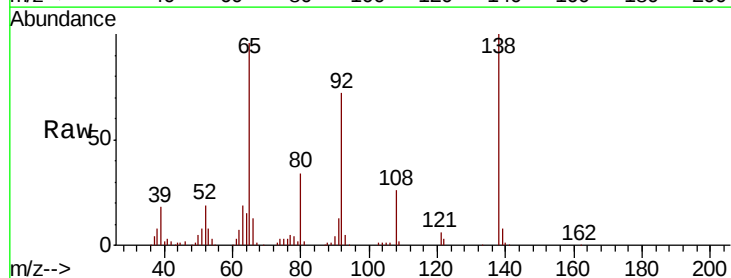
Instrument :
BNA_G
ClientSampleId :

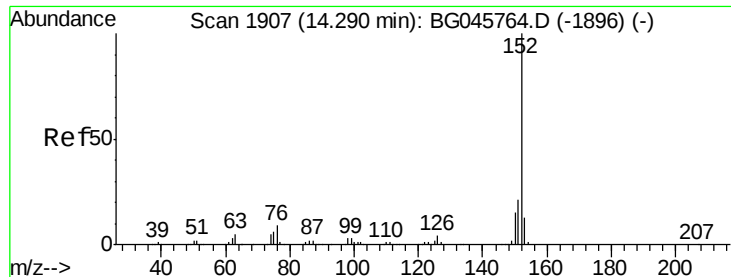
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.5	45.7
164	34.8	27.2	40.8



#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	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

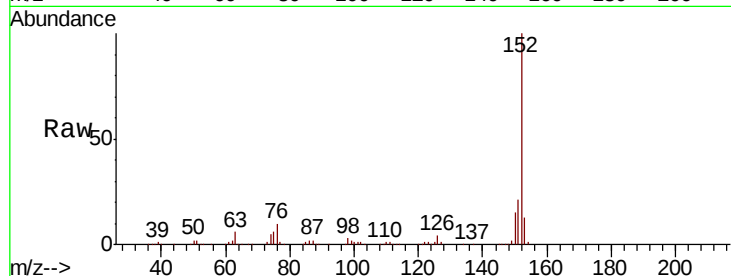
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 532755

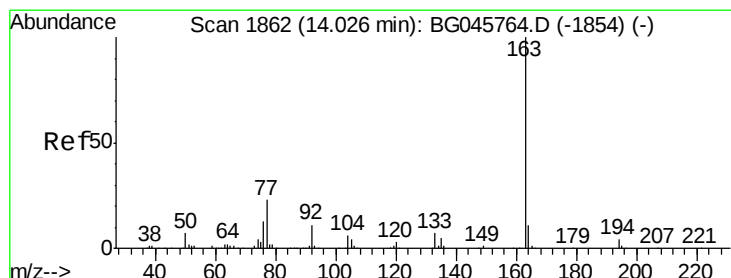
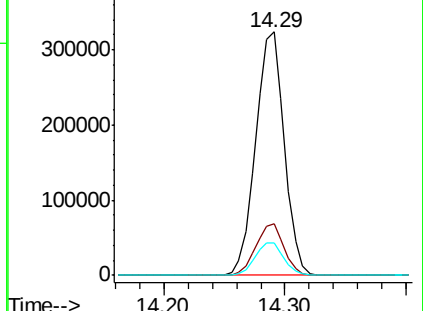
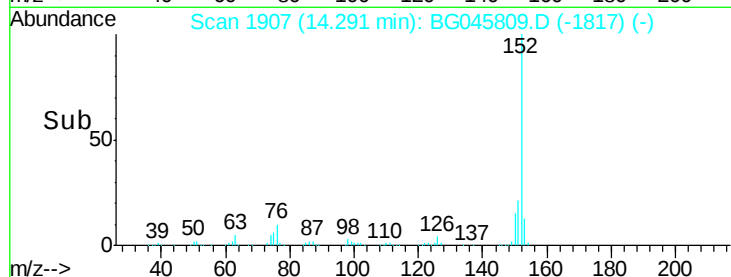
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.3	10.6	15.8



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

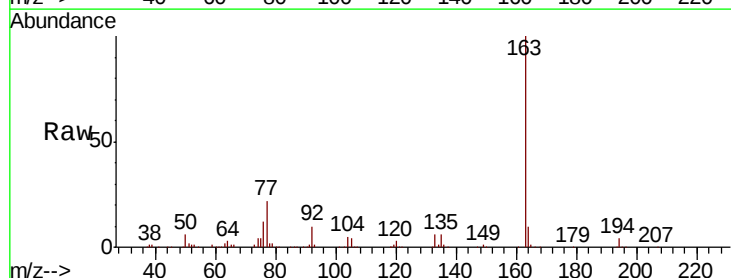
Delta R.T. 0.00 min

Lab File: BG045809.D

Acq: 19 Jun 2020 10:47

Tgt Ion:163 Resp: 452185

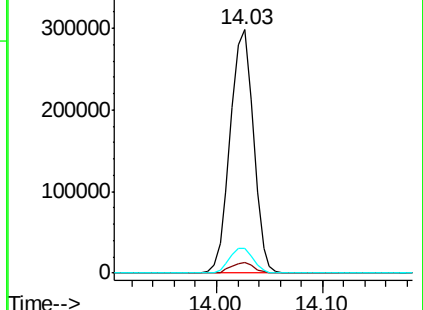
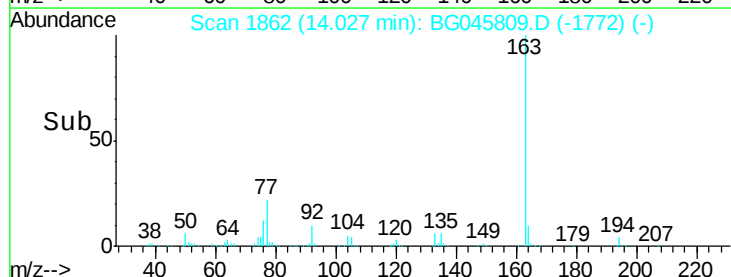
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.9	13.3

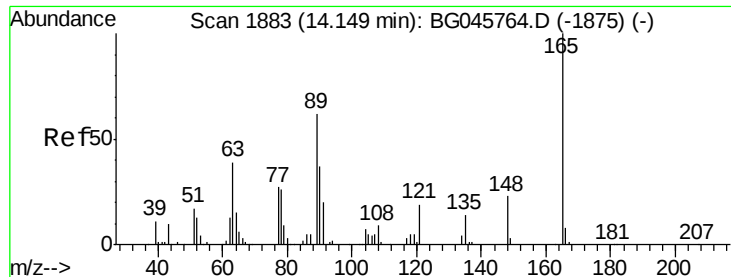


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

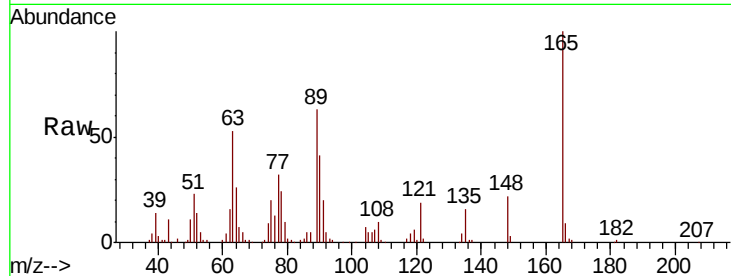




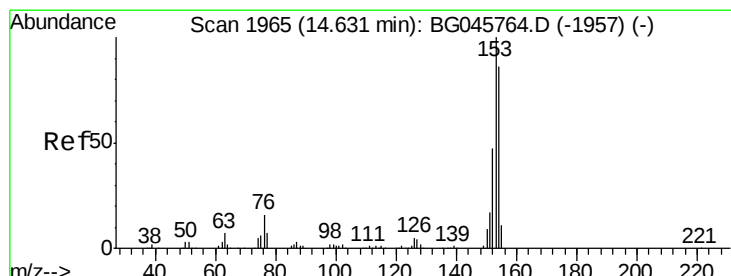
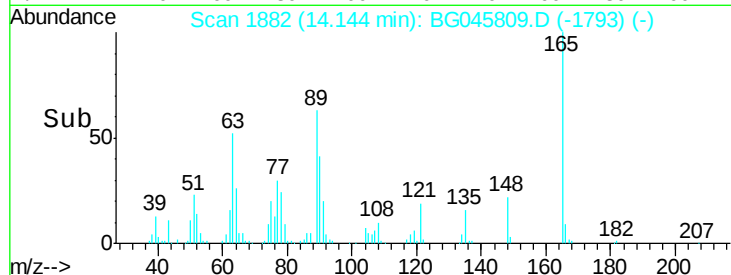
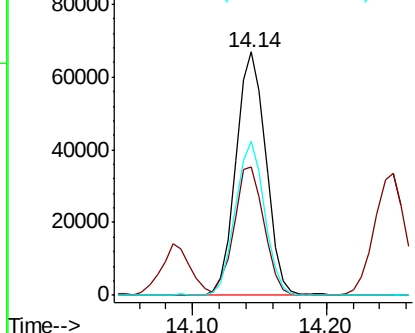
#51
2,6-Dinitrotoluene
Concen: 44.265 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampled :

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

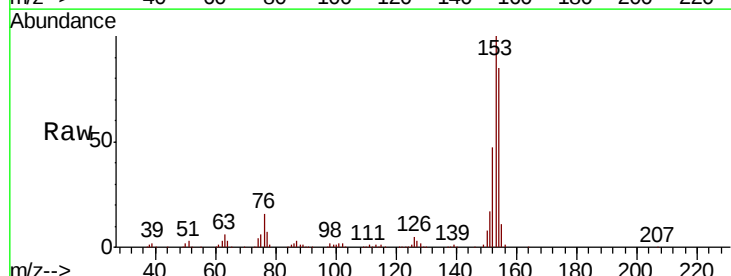


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

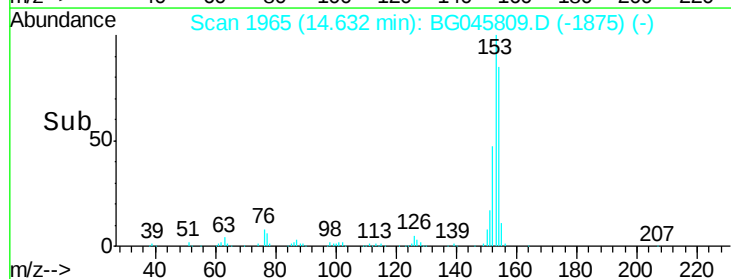
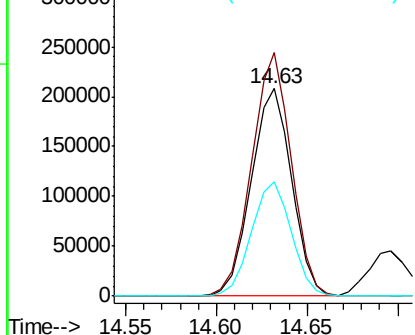


#52
Acenaphthene
Concen: 42.933 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

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



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

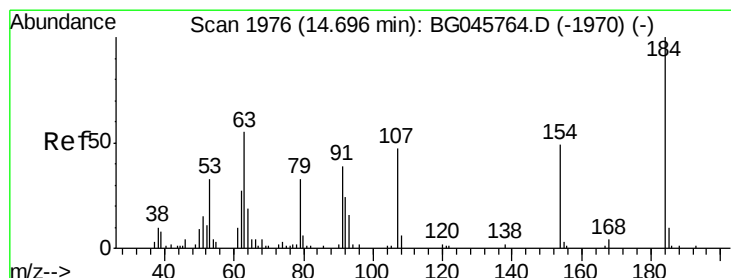
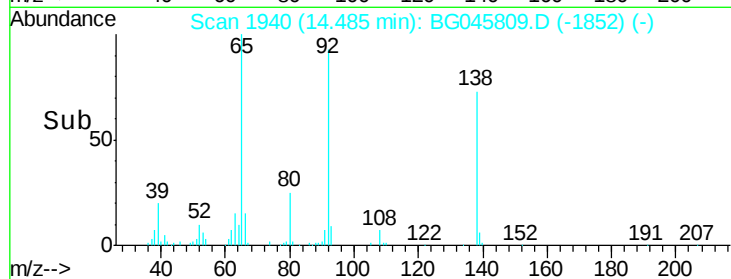
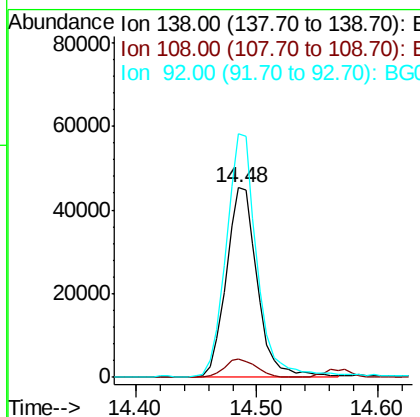
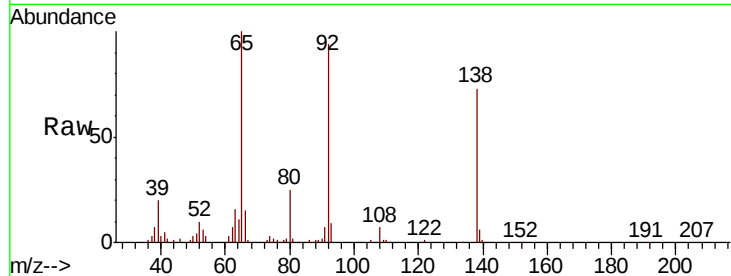




#53
 3-Nitroaniline
 Concen: 34.676 ng
 RT: 14.48 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

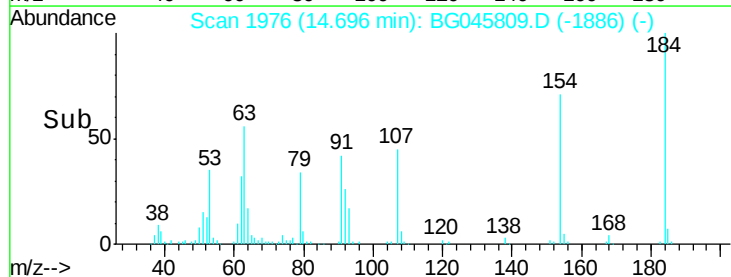
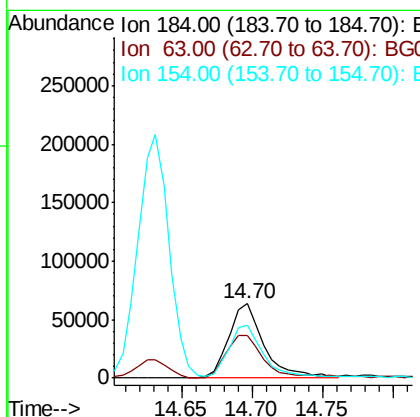
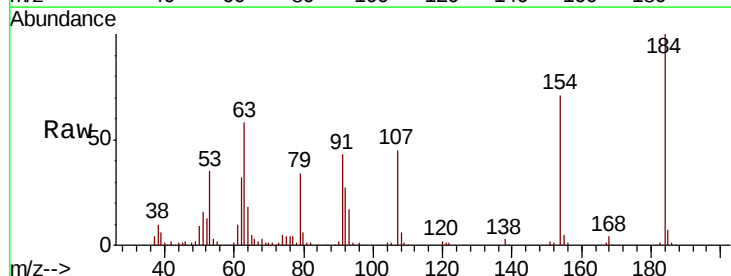
Instrument :
 BNA_G
 ClientSampleId :

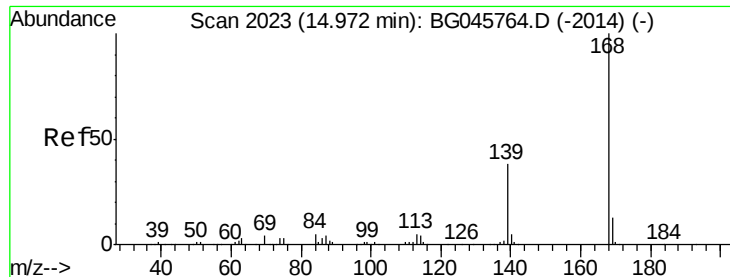
Tot Ion:138 Resp: 81301
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.4 12.6
 92 128.3 95.6 143.4



#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

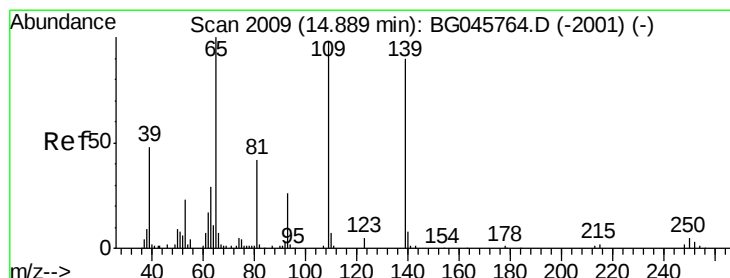
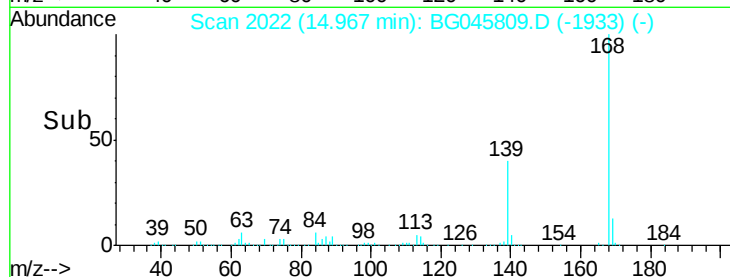
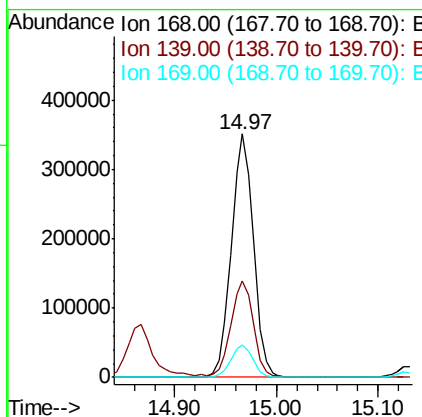
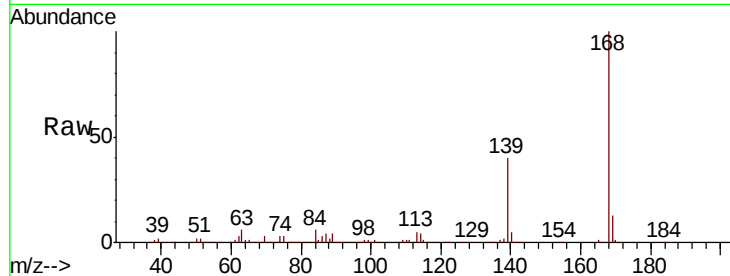




#55
Dibenzofuran
Concen: 43.502 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

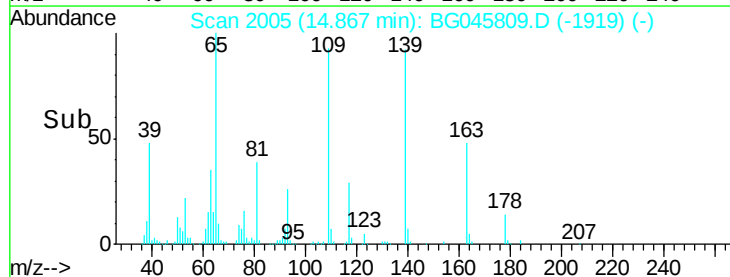
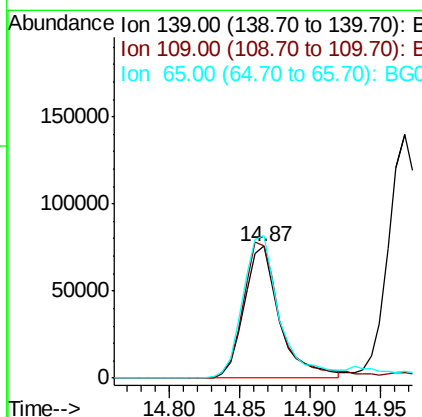
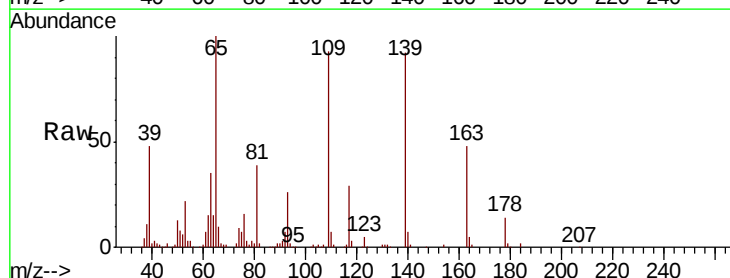
Instrument :
BNA_G
ClientSampleId :

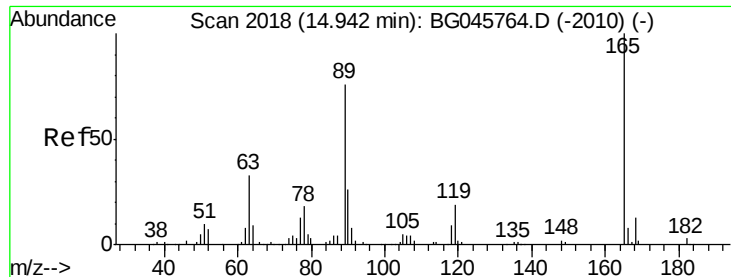
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.3	10.4	15.6



#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

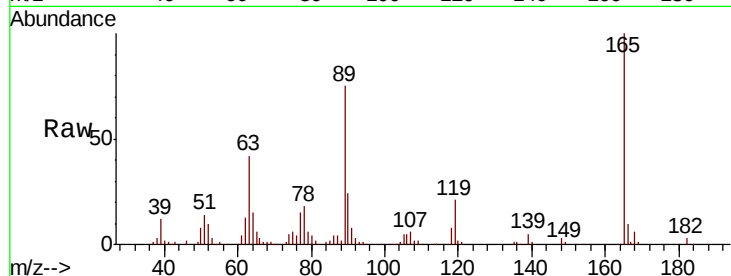




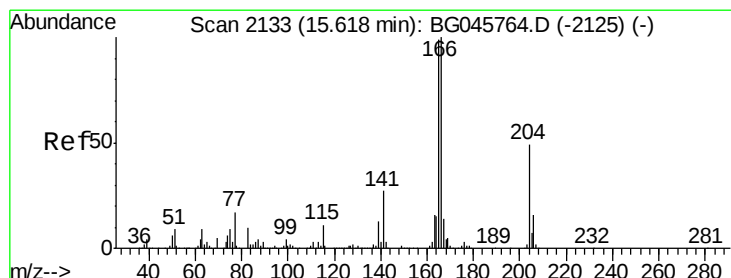
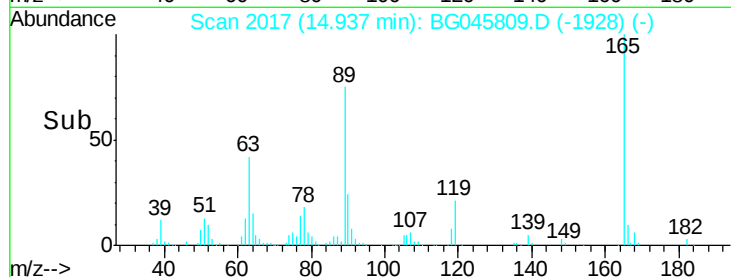
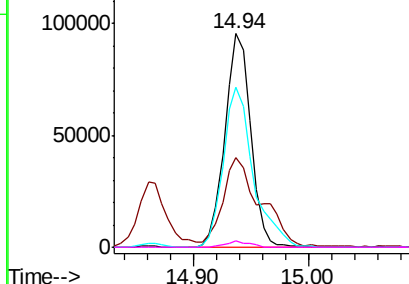
#57
2,4-Dinitrotoluene
Concen: 44.060 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	148183
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

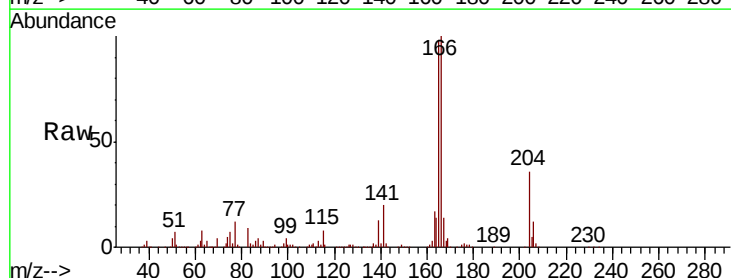


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

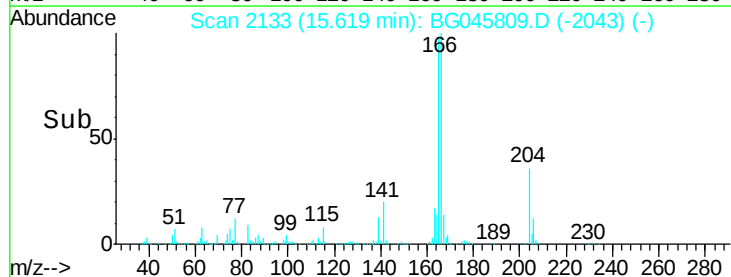
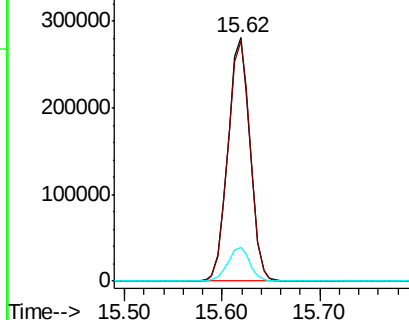


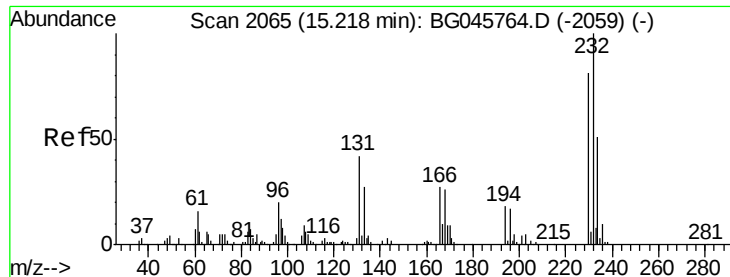
#58
Fluorene
Concen: 43.348 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:166	Resp:	438625
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

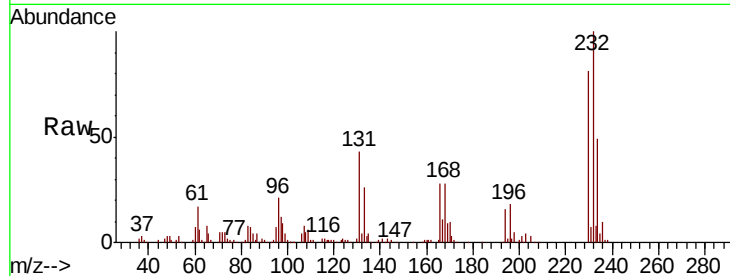




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.874 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Instrument :
 BNA_G
 ClientSampled :

Tot 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

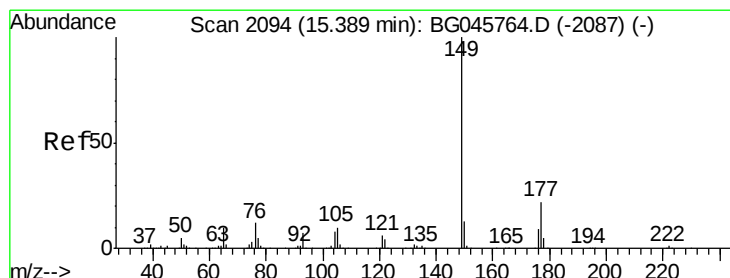
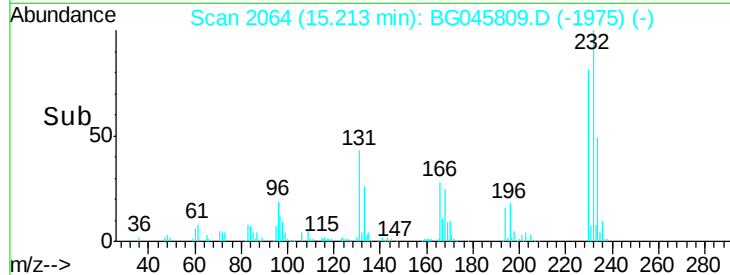
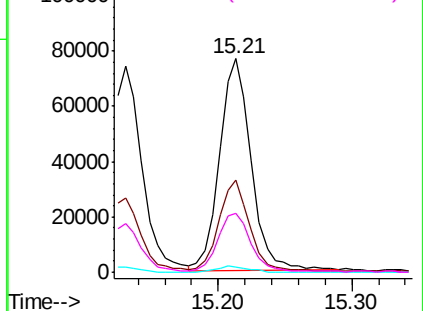


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

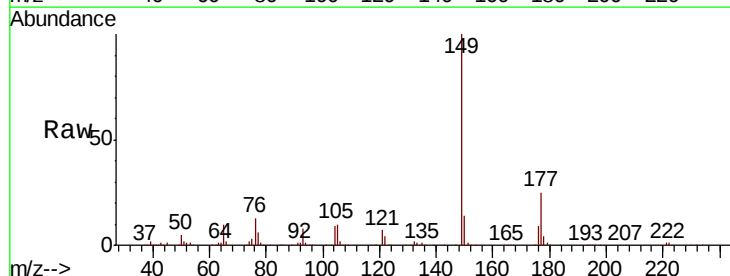
Ion 130.00 (129.70 to 130.70): E

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

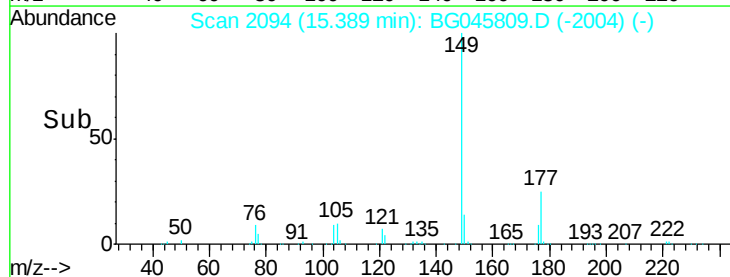
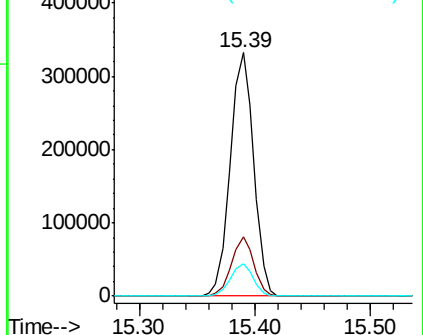
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	17.2	25.8
150	13.5	10.7	16.1

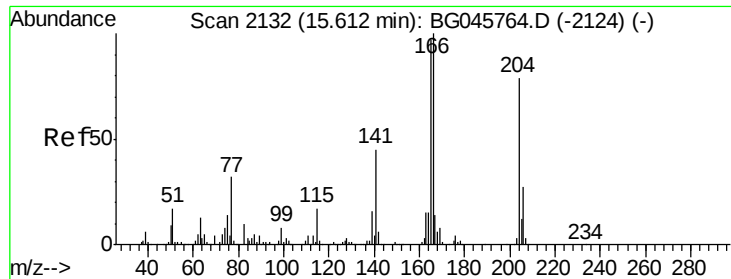


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

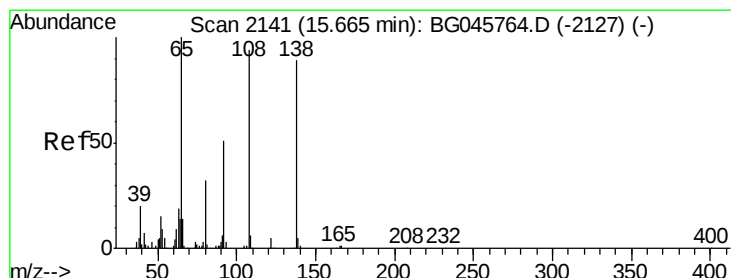
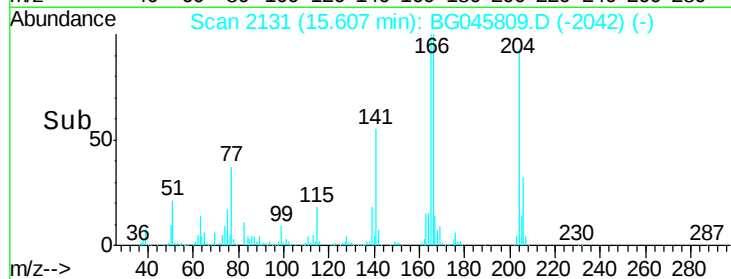
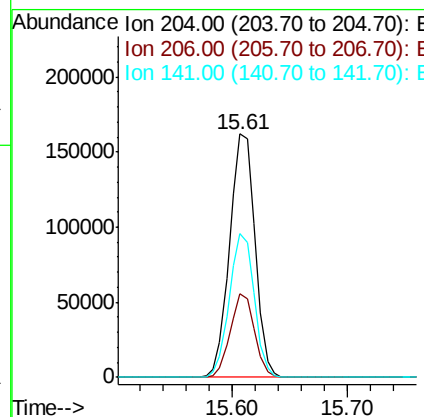
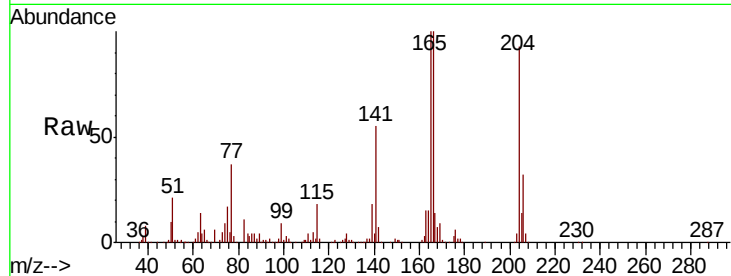




#61
4-Chlorophenyl-phenylether
Concen: 42.340 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

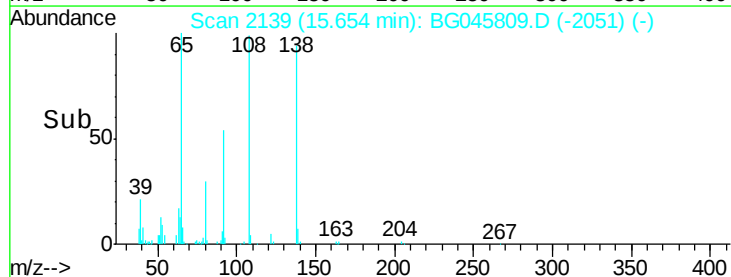
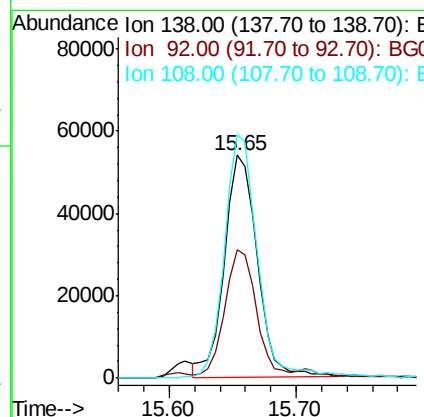
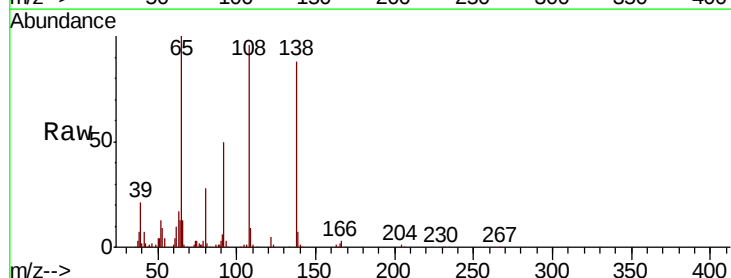
Instrument :
BNA_G
ClientSampleId :

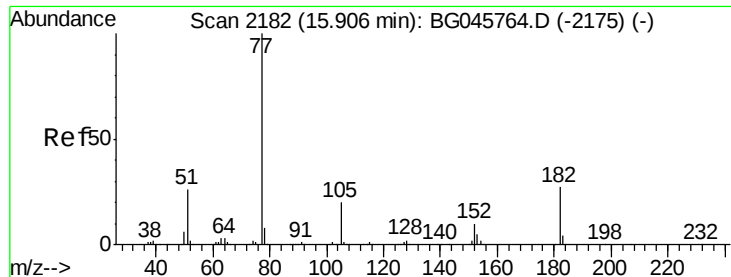
Tot Ion:204 Resp: 246924
Ion Ratio Lower Upper
204 100
206 34.1 27.2 40.8
141 59.0 45.9 68.9



#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 :

Tot Ion: 77 Resp: 446517

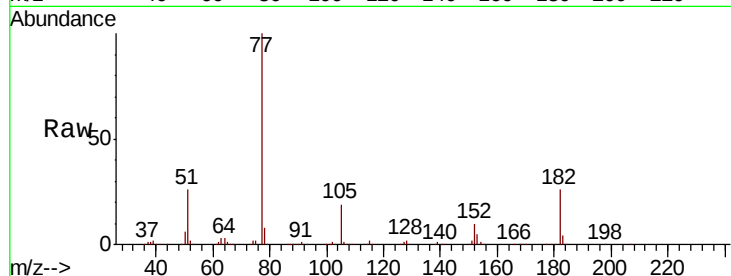
Ion Ratio Lower Upper

77 100

182 25.8 7.4 47.4

105 19.2 0.1 40.1

51 25.5 5.7 45.7

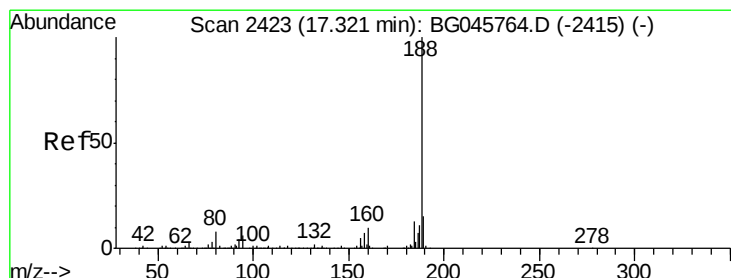
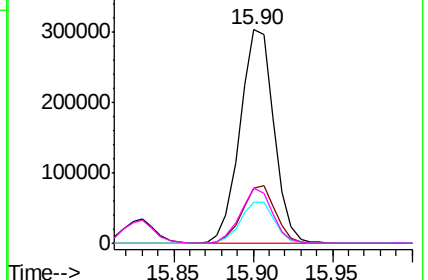
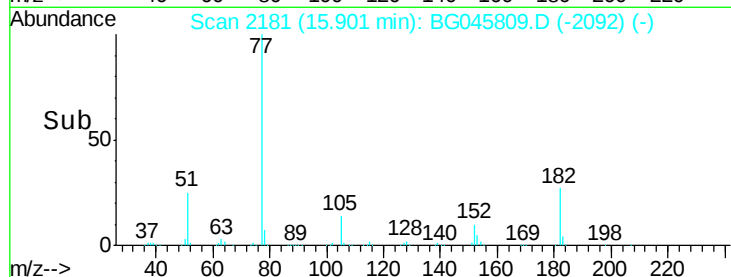


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

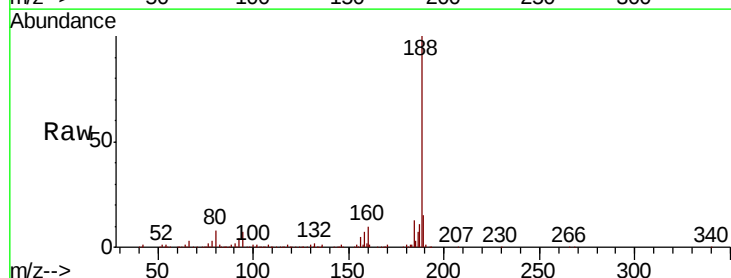
Tgt Ion: 188 Resp: 317259

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

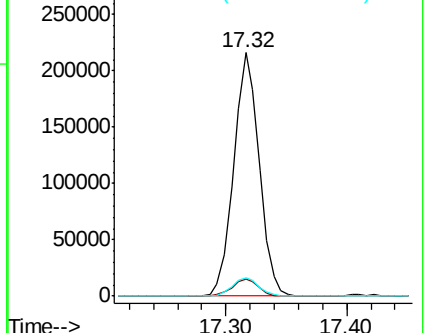
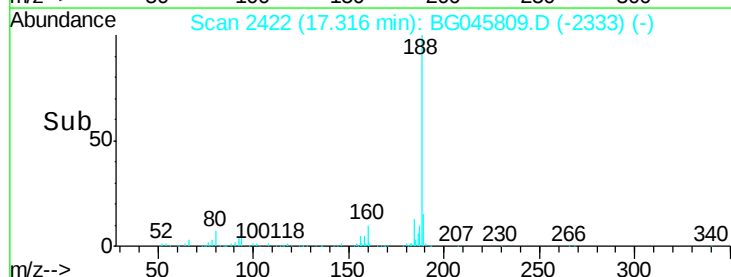
80 7.6 6.2 9.4

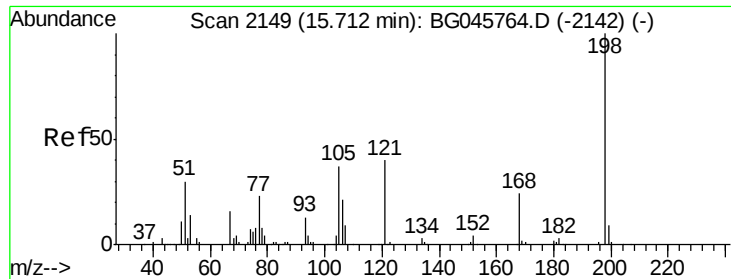


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

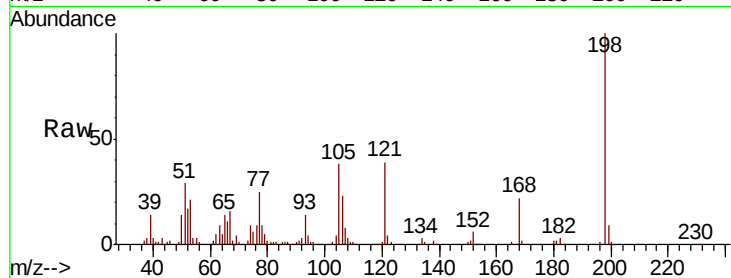




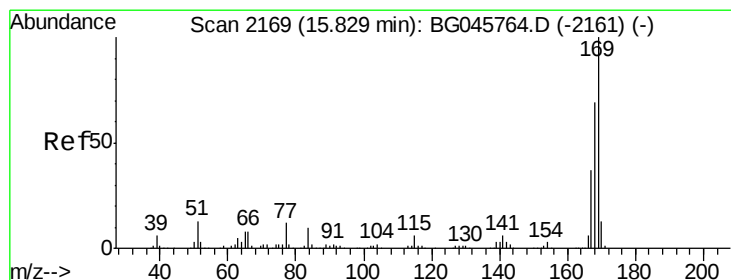
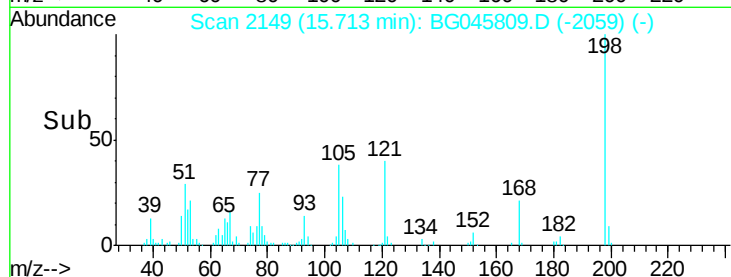
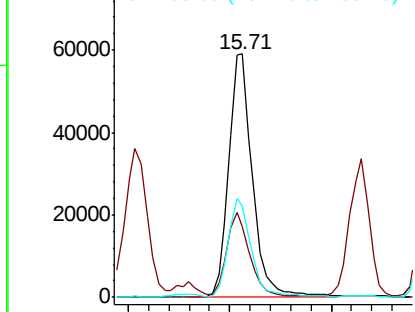
#65
4,6-Dinitro-2-methylphenol
Concen: 48.977 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampleId :

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

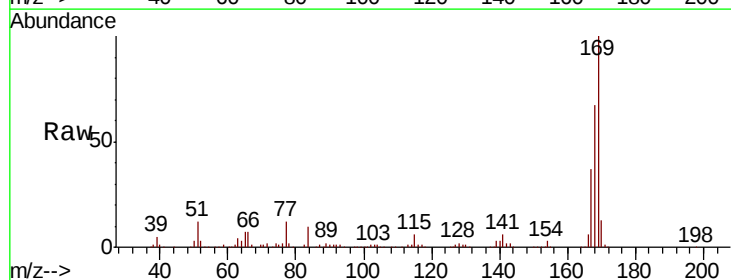


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

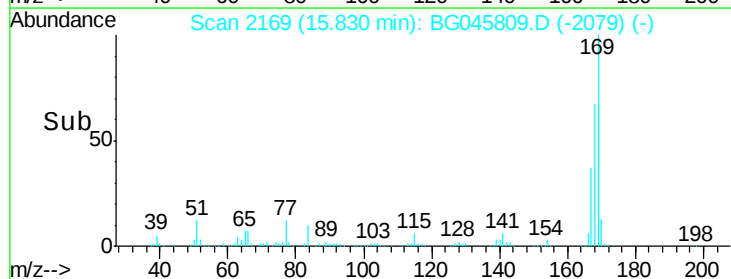
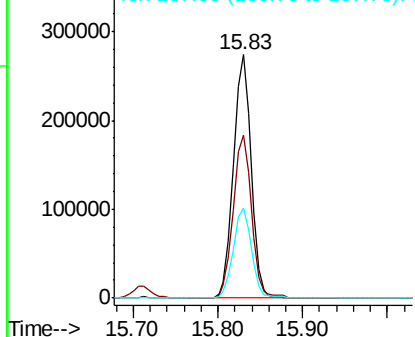


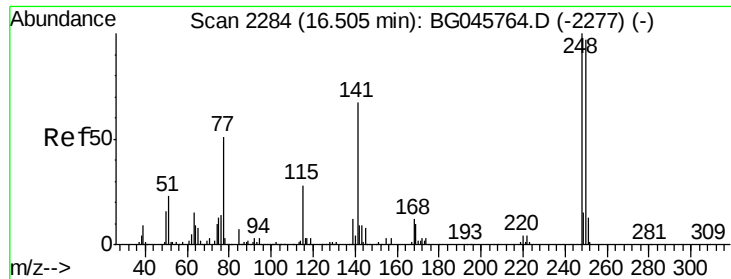
#66
n-Nitrosodiphenylamine
Concen: 43.285 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

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

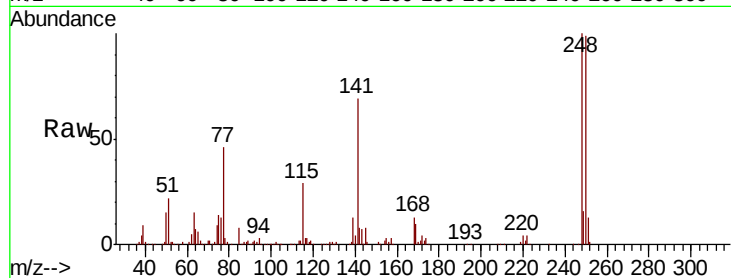




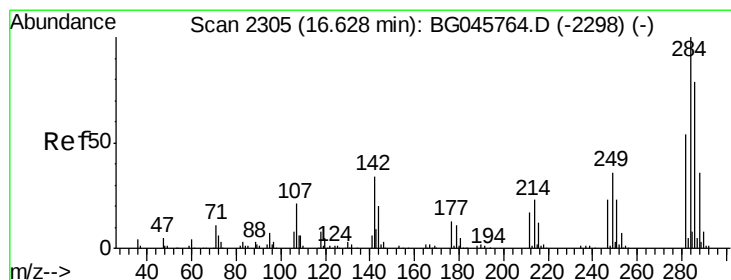
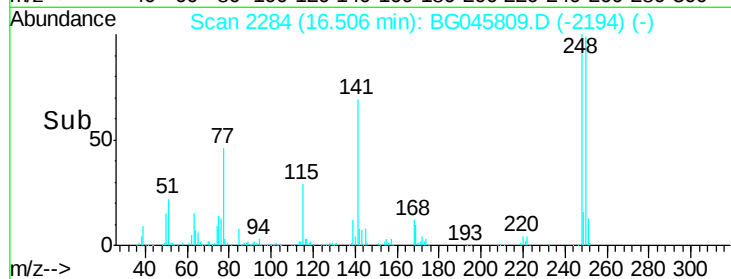
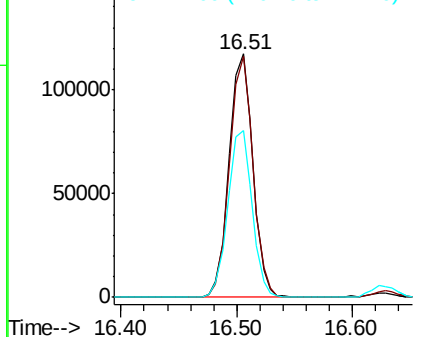
#67
 4-Bromophenyl-phenylether
 Concen: 40.742 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248	Resp:	167953
Ion Ratio	Lower	Upper
248	100	
250	98.8	78.0 117.0
141	68.6	53.9 80.9

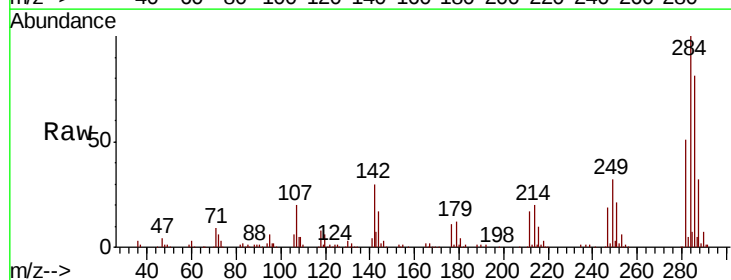


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

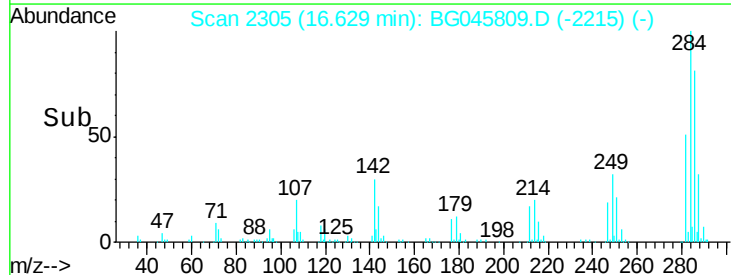
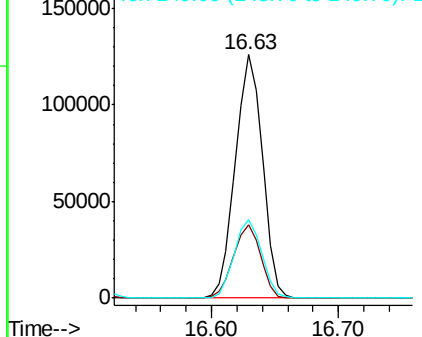


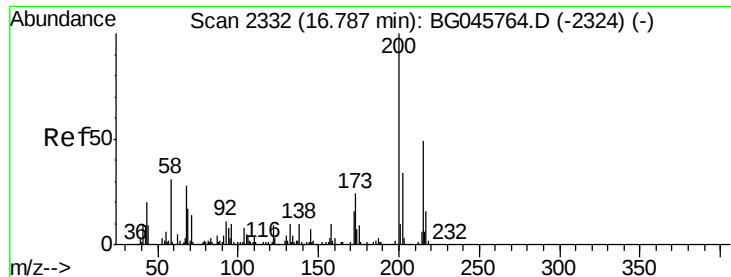
#68
 Hexachlorobenzene
 Concen: 43.640 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt Ion:284	Resp:	186546
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 :

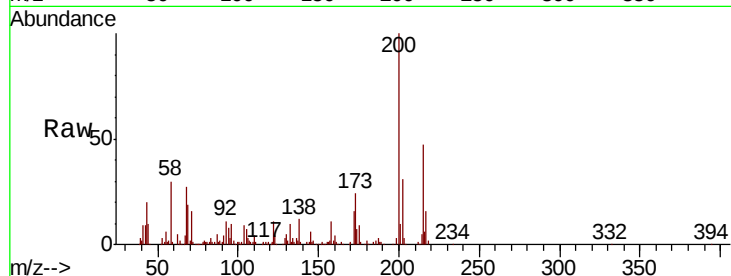
Tot Ion:200 Resp: 152144

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

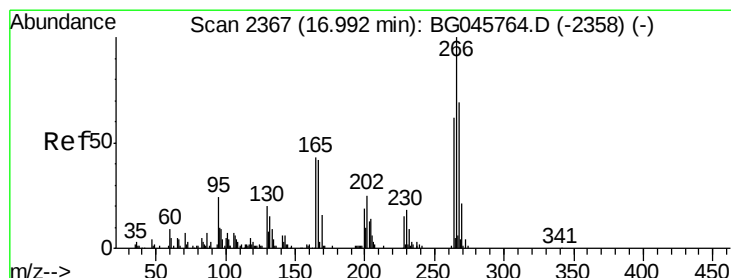
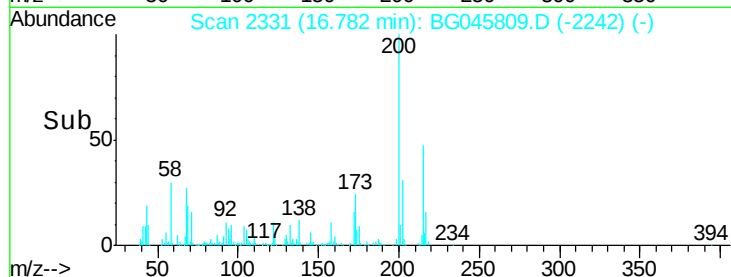
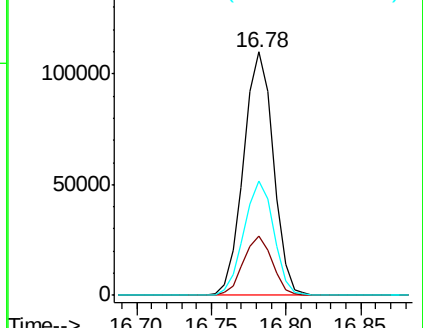
215 47.1 28.8 68.8



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

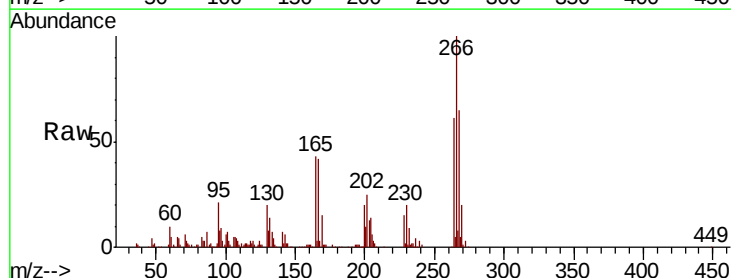
Tgt Ion:266 Resp: 172686

Ion Ratio Lower Upper

266 100

268 65.3 55.4 83.0

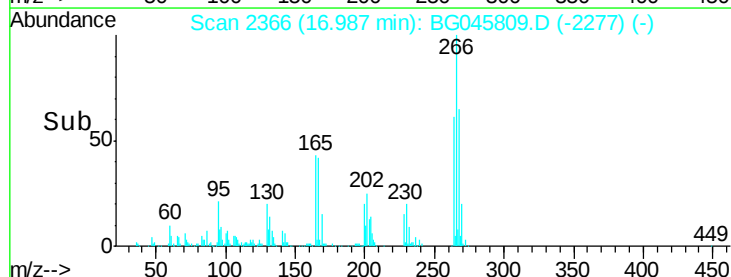
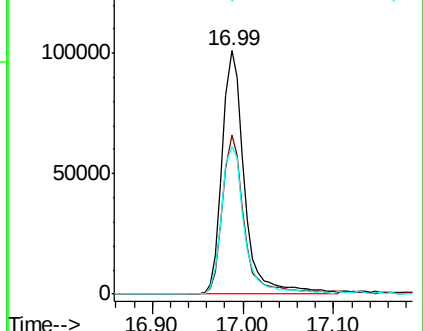
264 60.8 49.8 74.6

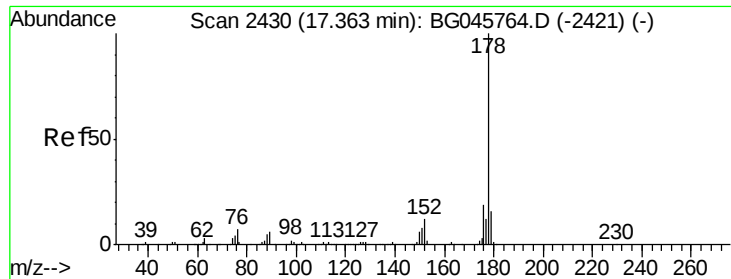


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

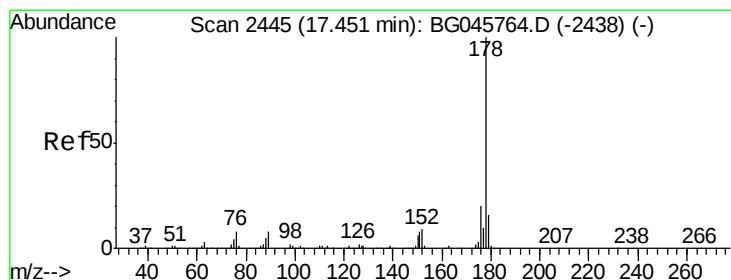
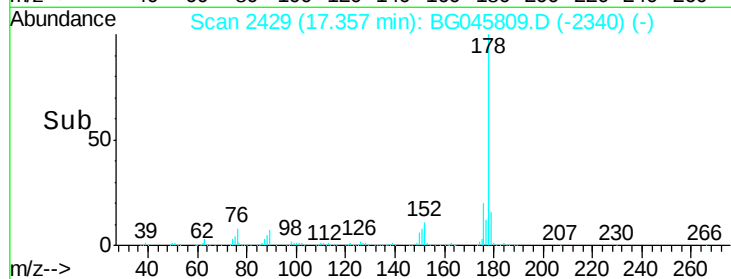
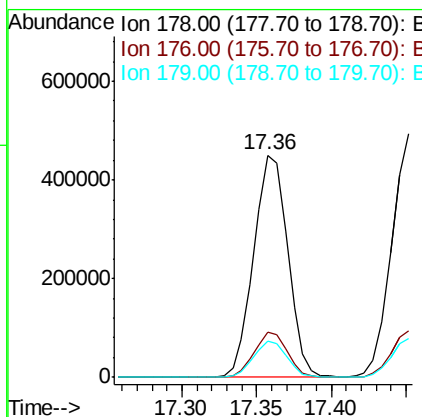
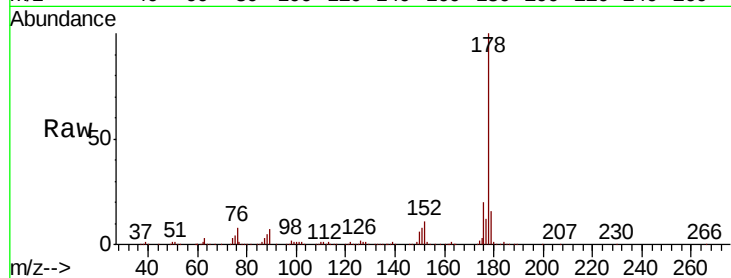




#71
Phenanthrene
Concen: 43.527 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

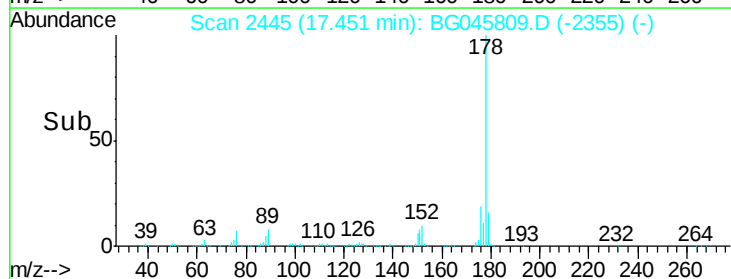
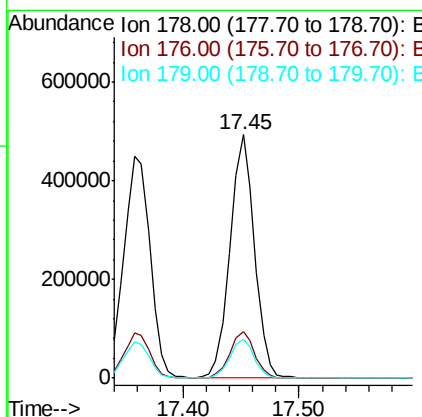
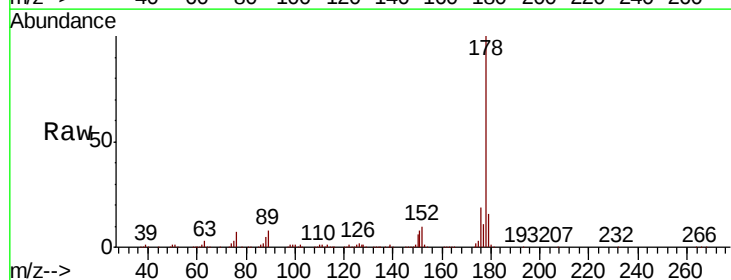
Instrument :
BNA_G
ClientSampleId :

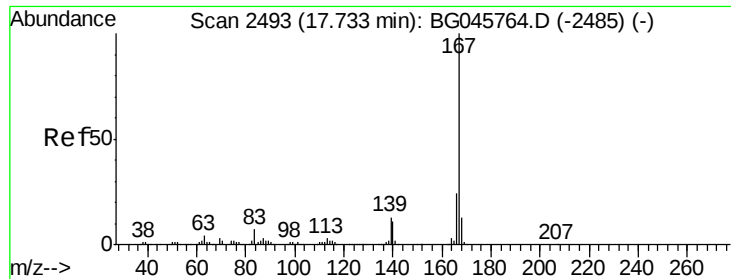
Tot Ion:178 Resp: 712208
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.1 13.2 19.8



#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

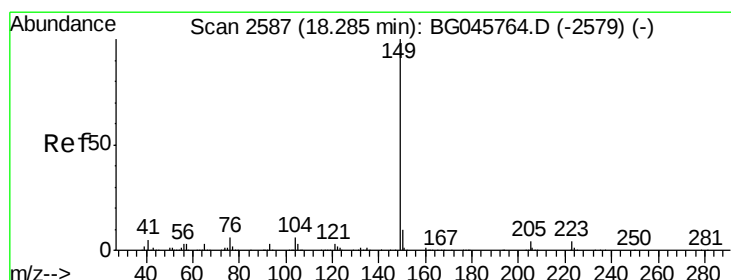
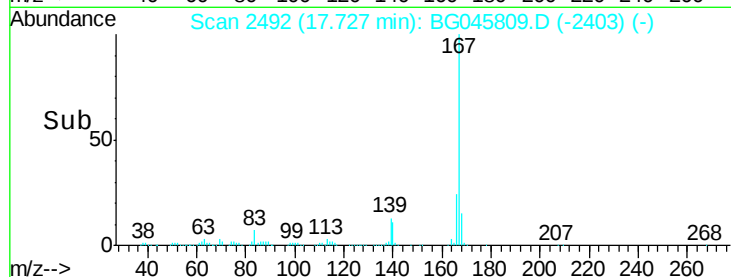
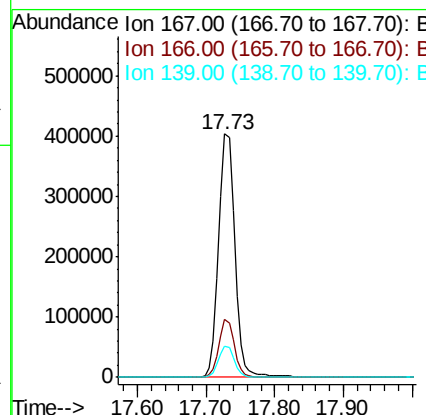
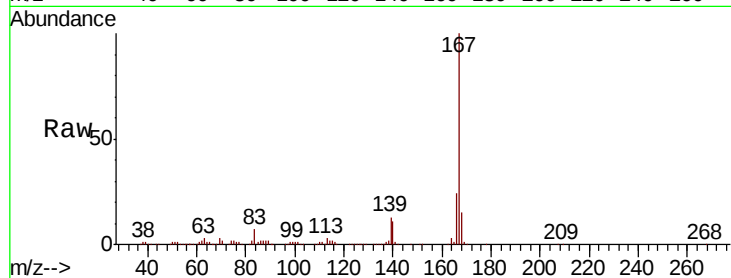




#73
 Carbazole
 Concen: 42.904 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

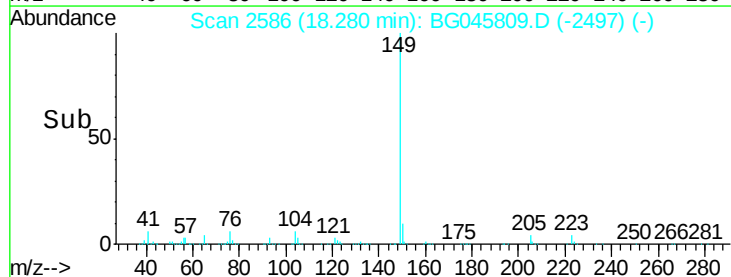
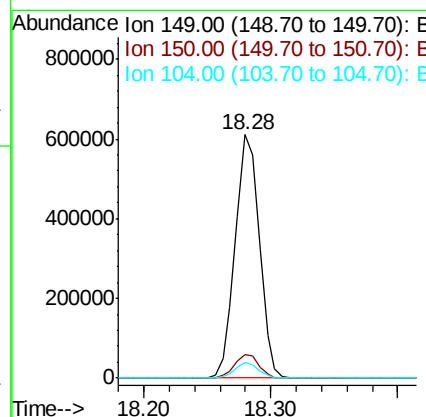
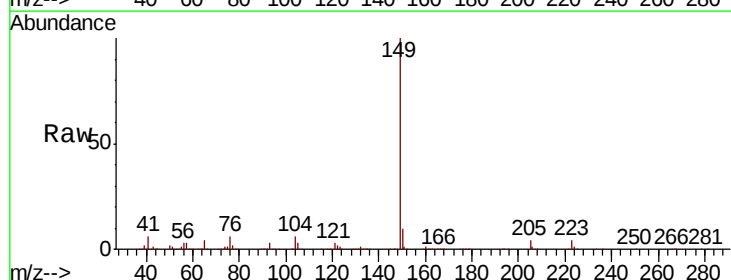
Instrument :
 BNA_G
 ClientSampleId :

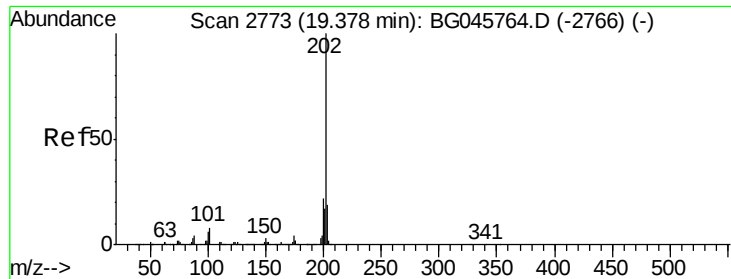
Tot Ion:167 Resp: 665620
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.9 28.3
 139 12.9 10.6 15.8



#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





#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 :

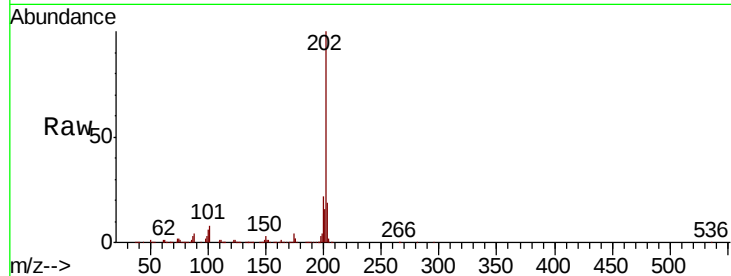
Tot Ion:202 Resp: 904351

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.7

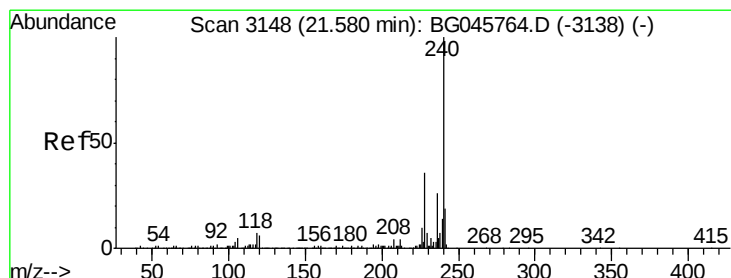
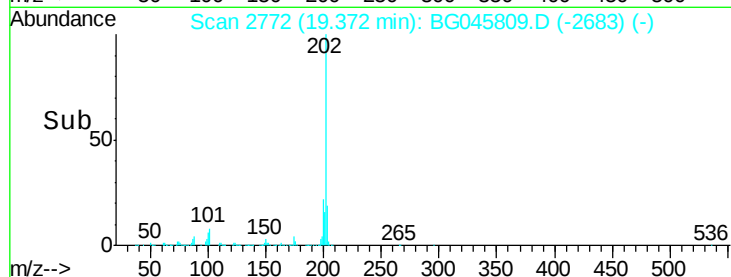
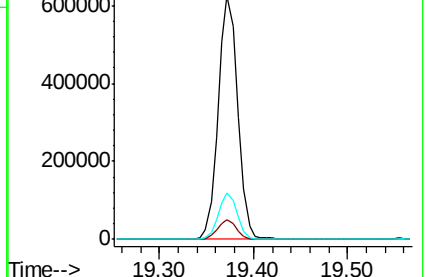
203 18.9 0.0 38.7



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

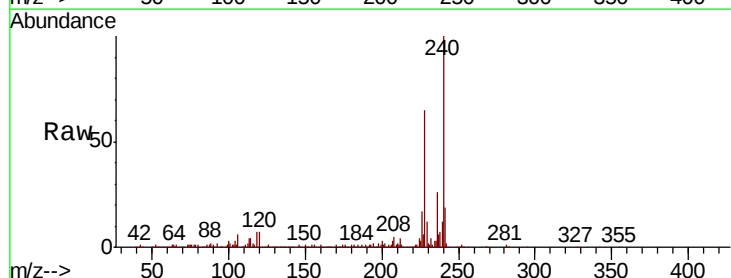
Tgt Ion:240 Resp: 300234

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

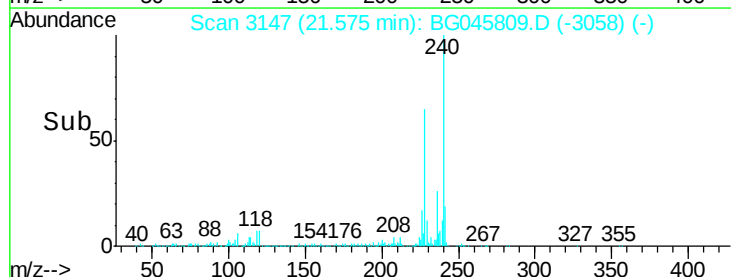
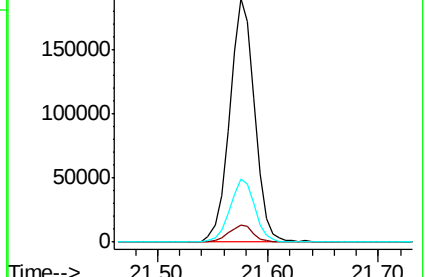
236 26.0 20.6 30.8

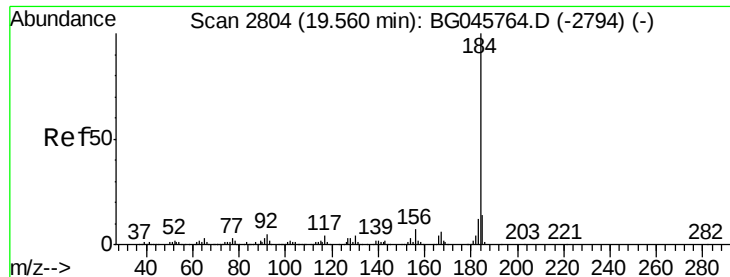


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

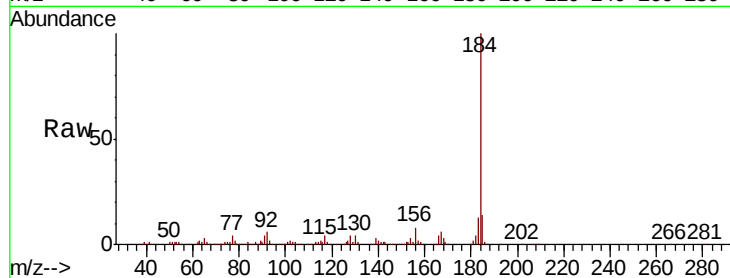
Tot Ion:184 Resp: 540835

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

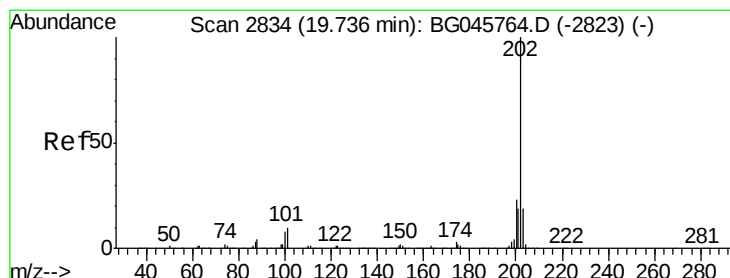
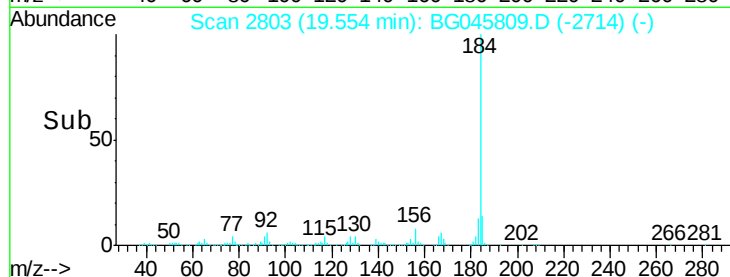
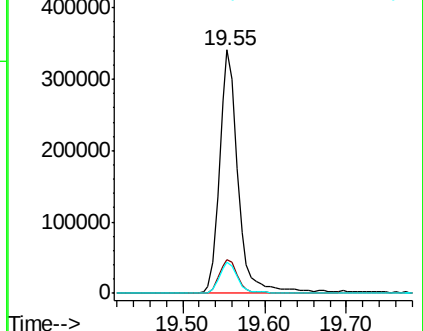
183 12.7 9.7 14.5



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

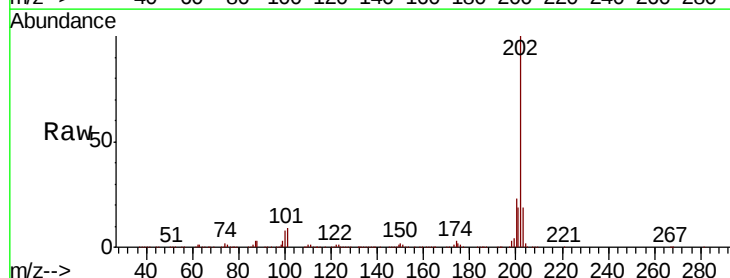
Tgt Ion:202 Resp: 878203

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

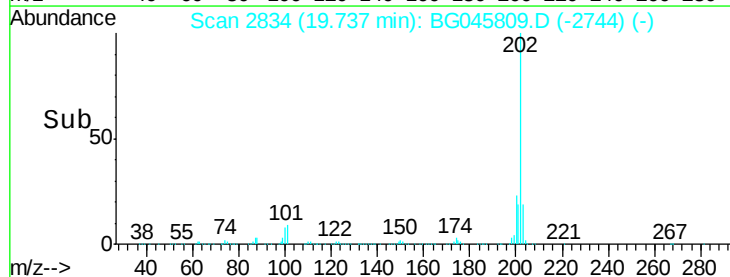
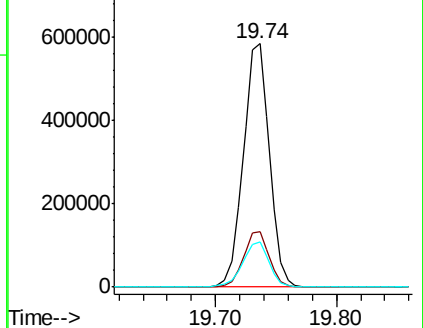
203 18.6 14.8 22.2

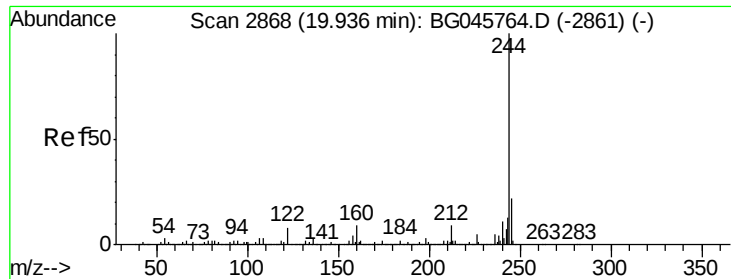


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

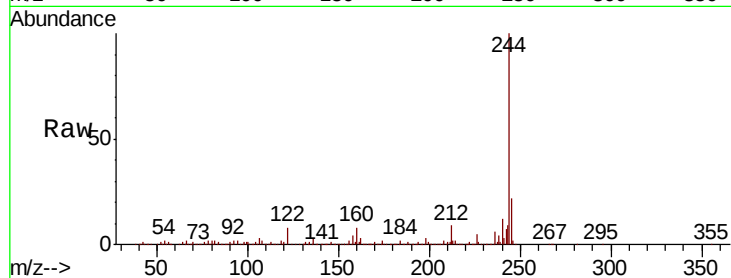
Tot Ion:244 Resp: 1398321

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

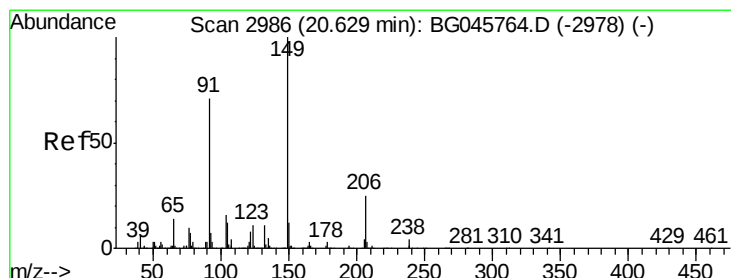
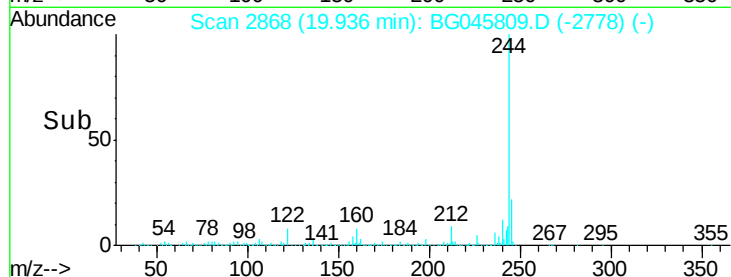
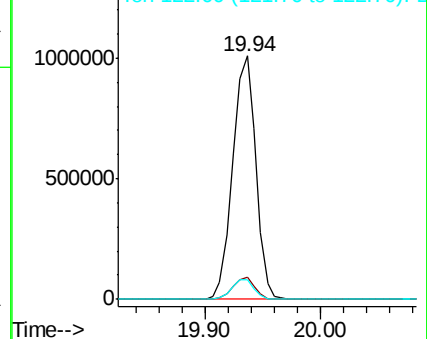
122 8.0 6.4 9.6



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

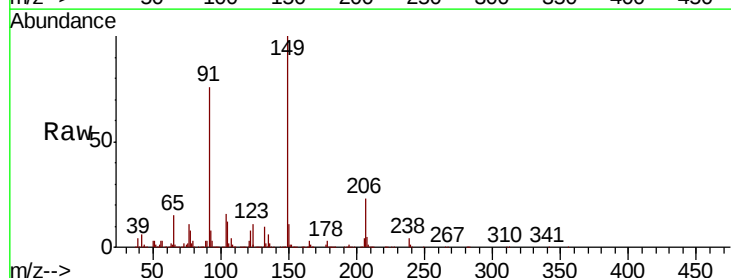
Tgt Ion:149 Resp: 354759

Ion Ratio Lower Upper

149 100

91 75.8 56.4 84.6

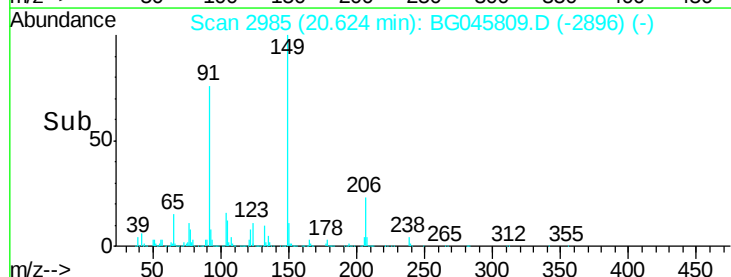
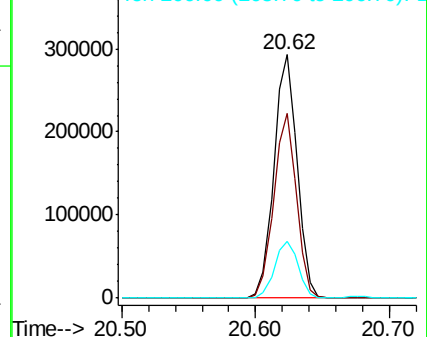
206 23.5 19.8 29.6

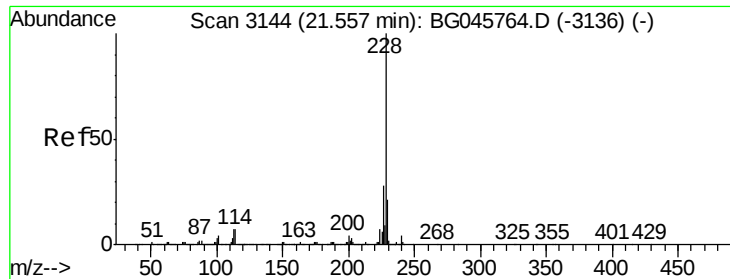


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

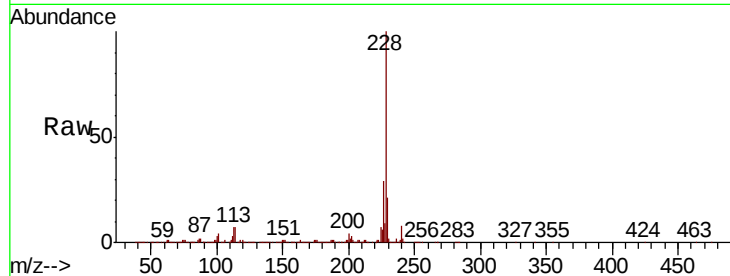
Tot Ion:228 Resp: 837449

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

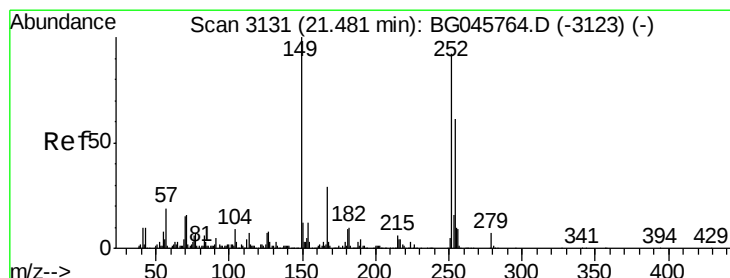
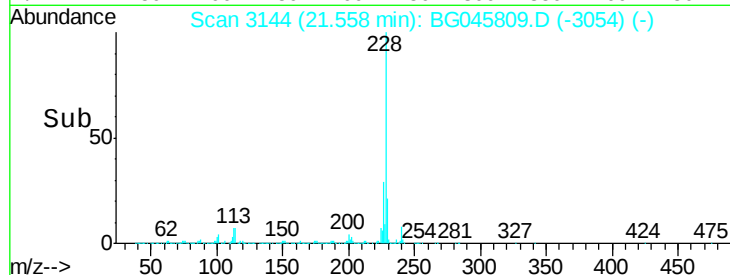
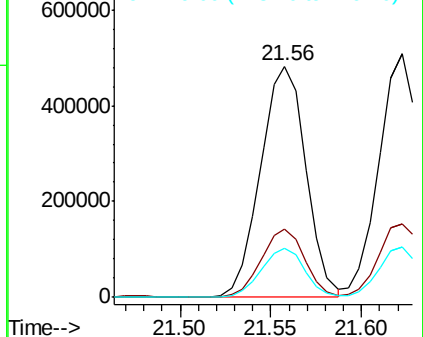
229 21.1 16.6 24.8



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

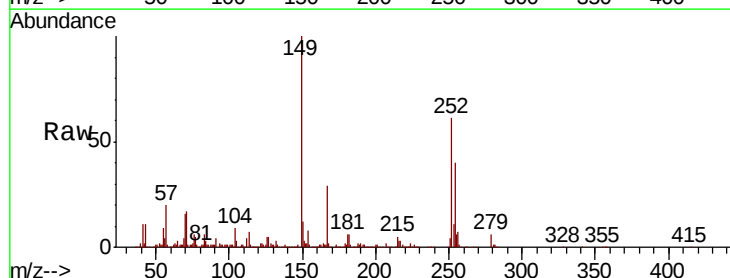
Tgt Ion:252 Resp: 275891

Ion Ratio Lower Upper

252 100

254 65.8 53.4 80.0

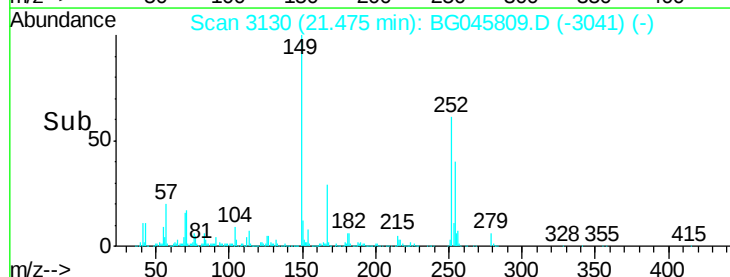
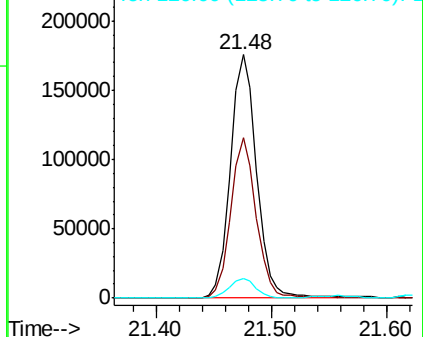
126 8.0 5.8 8.8

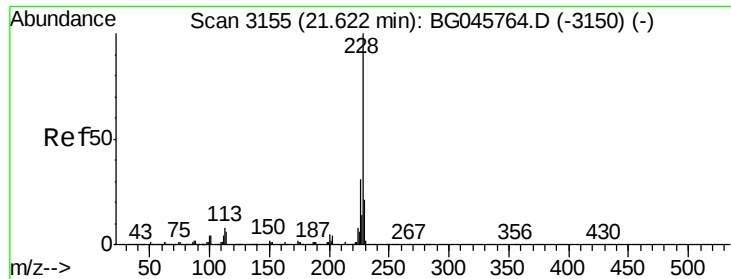


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

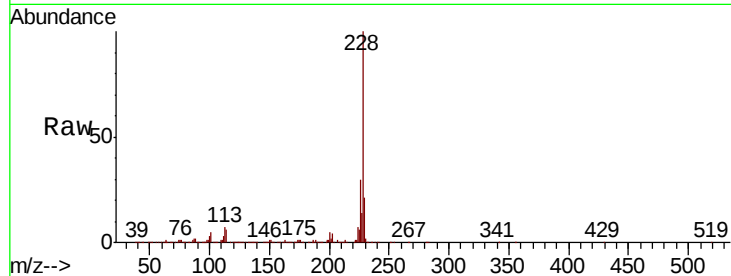
Tot Ion:228 Resp: 809733

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.9	16.4	24.6

228 100

226 30.3 25.1 37.7

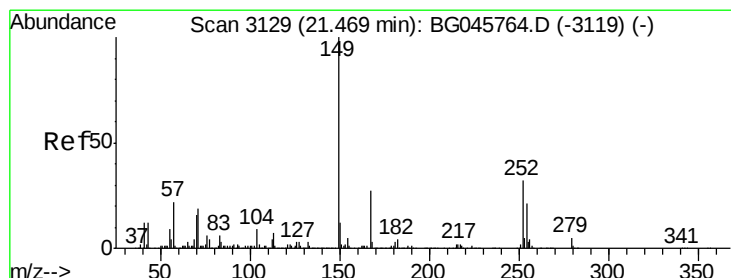
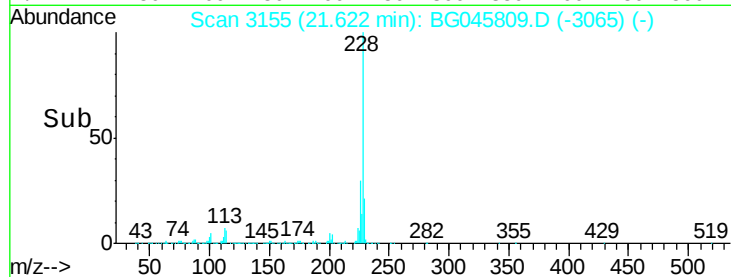
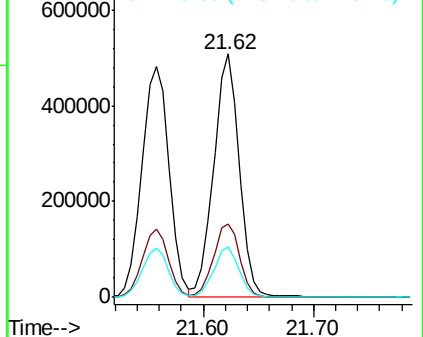
229 20.9 16.4 24.6



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

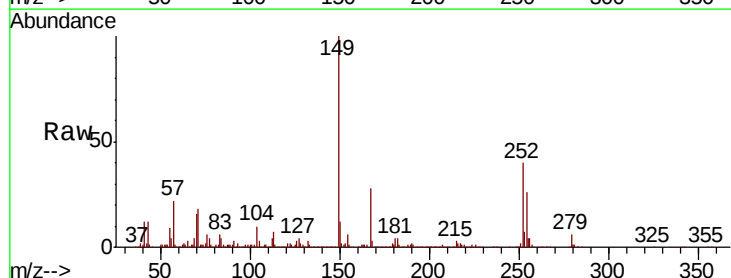
Tgt Ion:149 Resp: 500845

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	5.8	3.7	5.5#

149 100

167 28.5 21.3 31.9

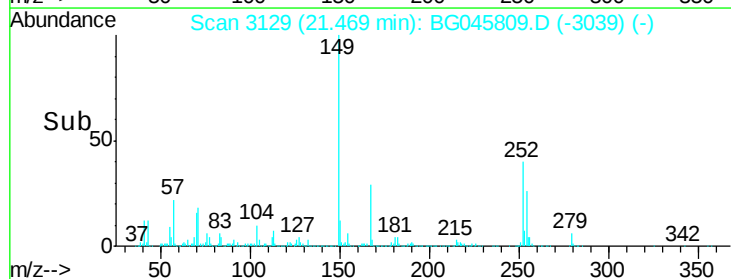
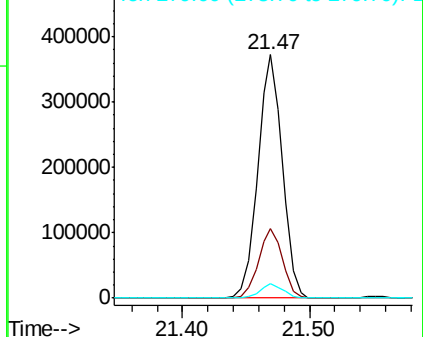
279 5.8 3.7 5.5#

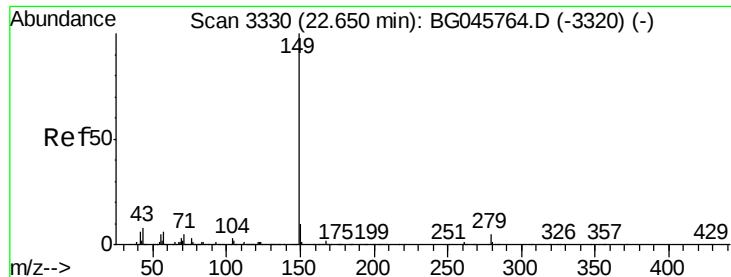


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

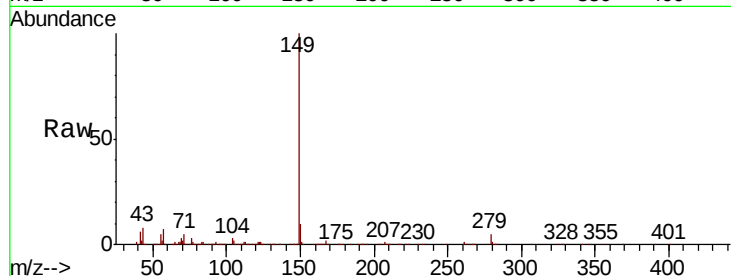
Tot Ion:149 Resp: 873067

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

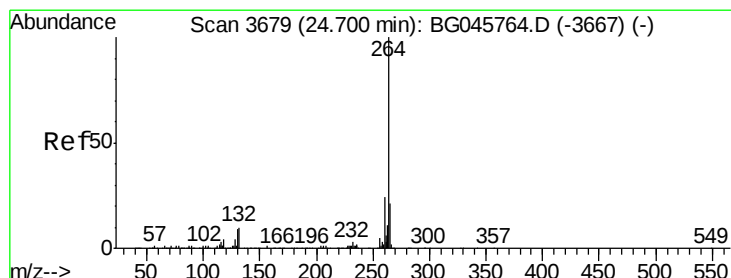
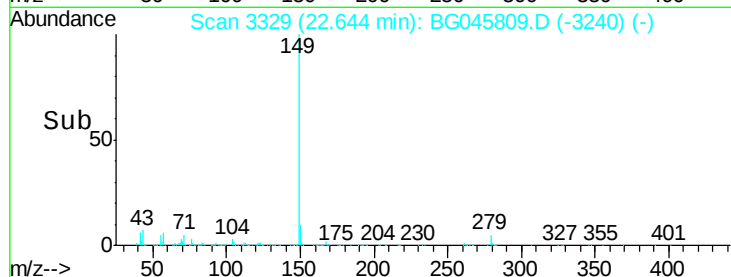
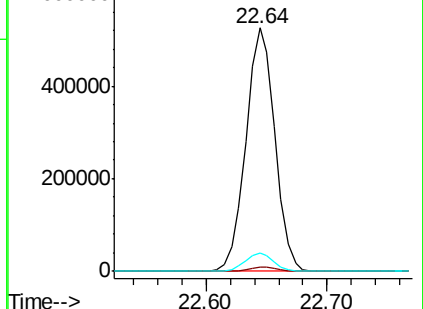
43 7.4 5.9 8.9



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

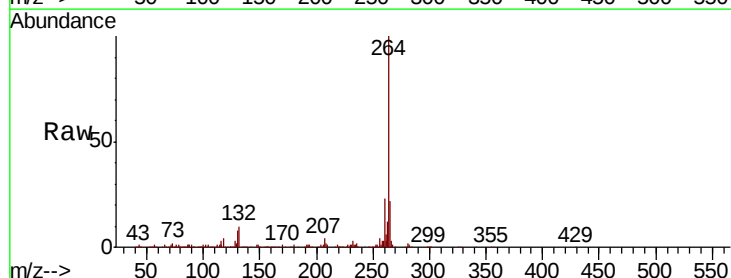
Tgt Ion:264 Resp: 333501

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

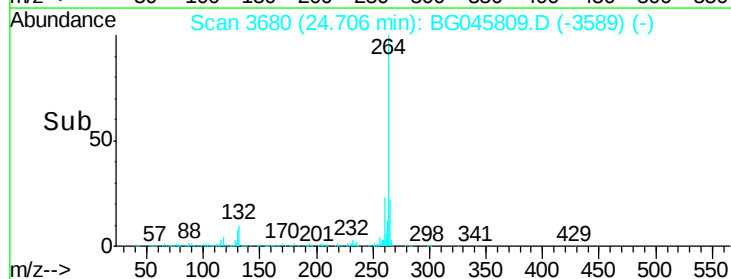
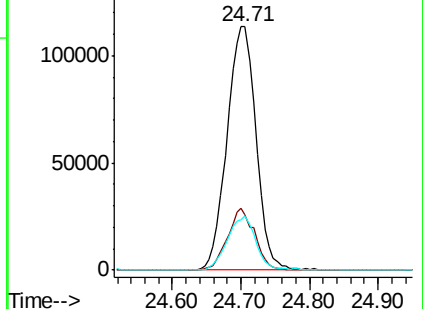
265 22.1 17.4 26.0

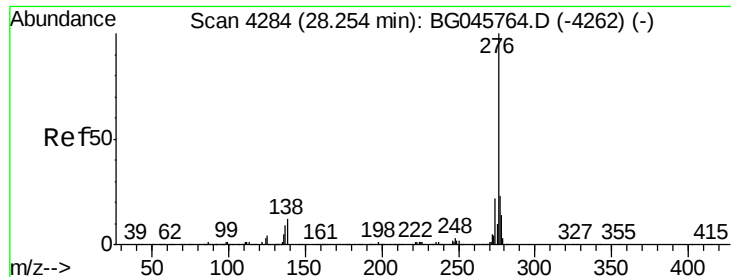


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

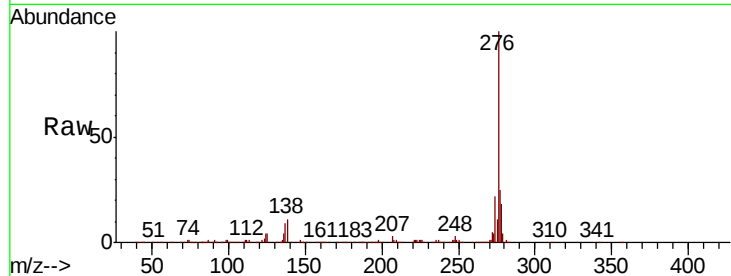




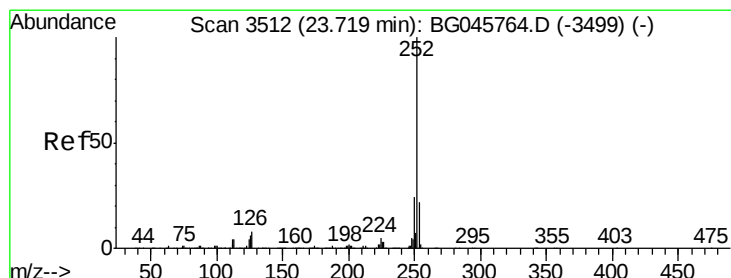
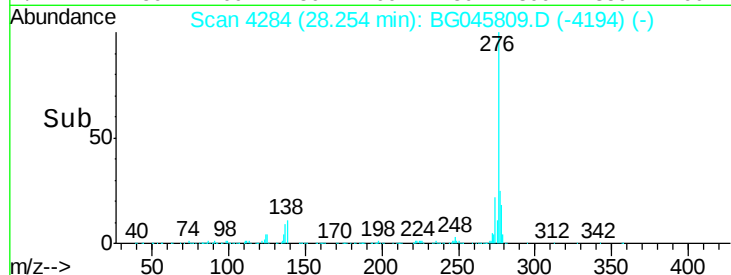
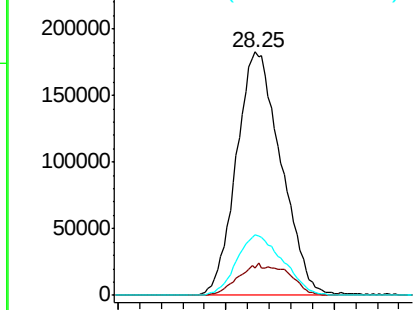
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.310 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1047122
 Ion Ratio Lower Upper
 276 100
 138 7.7 5.4 8.0
 277 25.8 20.6 30.8

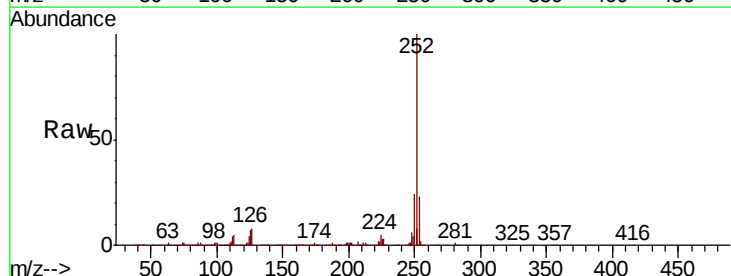


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

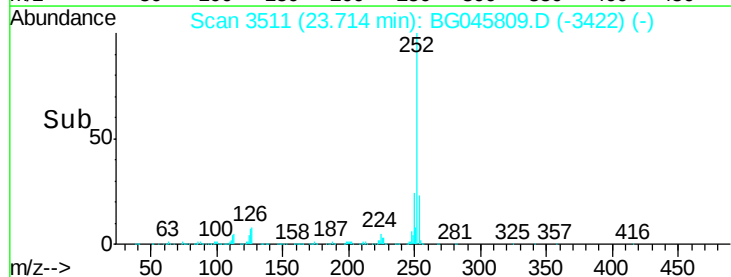
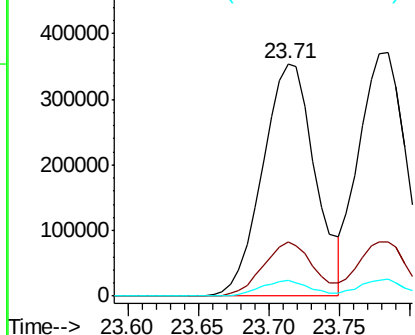


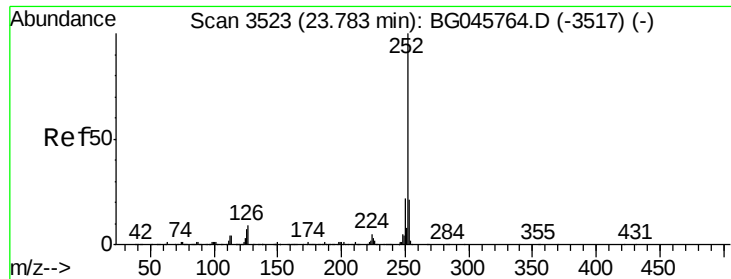
#88
 Benzo(b)fluoranthene
 Concen: 43.974 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045809.D
 Acq: 19 Jun 2020 10:47

Tgt 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

Instrument :

BNA_G

ClientSampleId :

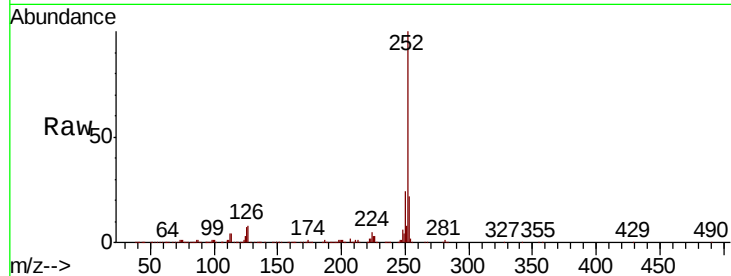
Tot Ion:252 Resp: 871740

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

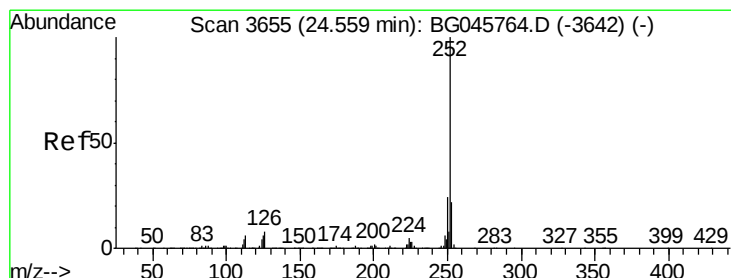
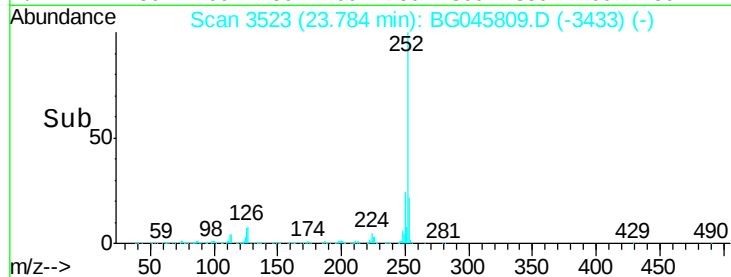
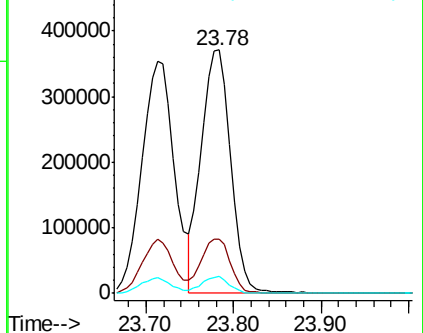
125 6.8 5.2 7.8



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

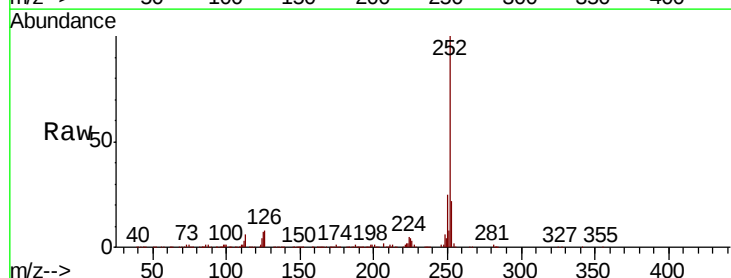
Tgt Ion:252 Resp: 842250

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

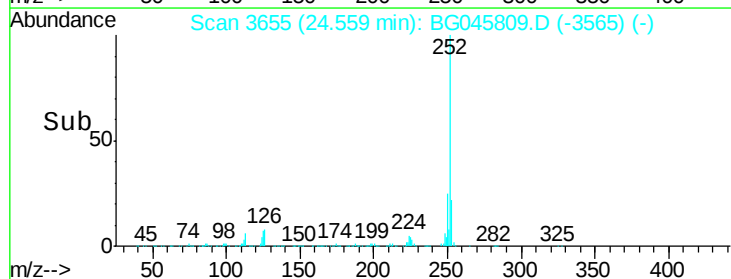
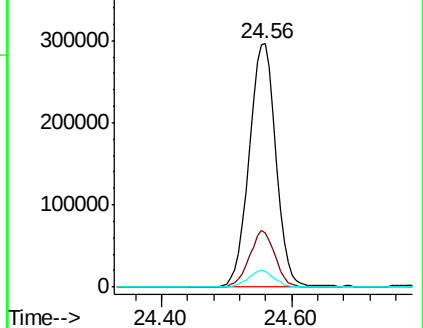
125 6.6 5.0 7.6

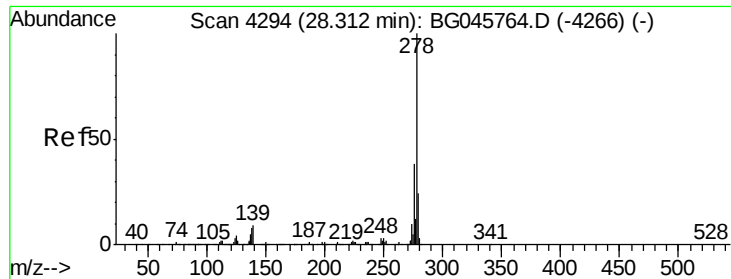


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

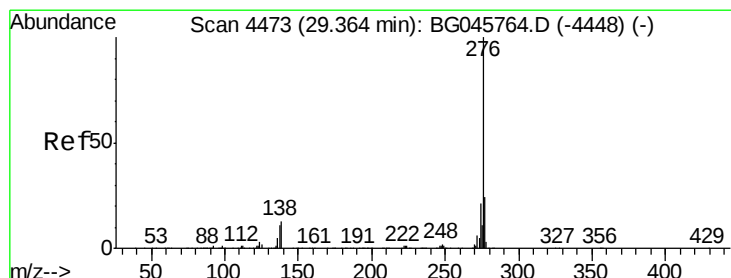
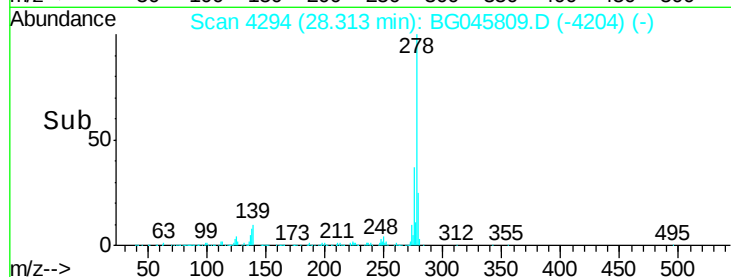
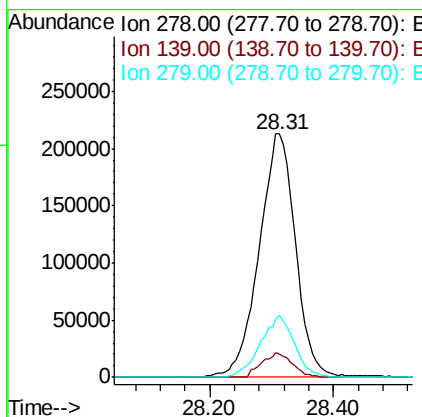
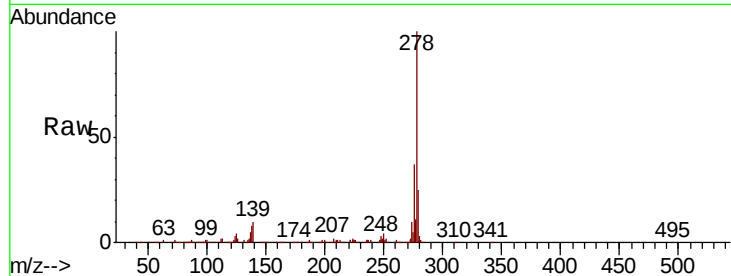




#91
Dibenzo(a,h)anthracene
Concen: 44.515 ng
RT: 28.31 min Scan# 4294
Delta R.T. 0.00 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 863049
Ion Ratio Lower Upper
278 100
139 9.5 7.3 10.9
279 25.4 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 43.992 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG045809.D
Acq: 19 Jun 2020 10:47

Tgt Ion:276 Resp: 853702
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 11.9 10.6 15.8

