

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046677.D
 Acq On : 18 Sep 2020 20:07
 Operator : CG/JU
 Sample : L4038-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

Quant Time: Sep 19 00:32:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	73002	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	298021	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	202816	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	437741	20.00	ng	0.00
76) Chrysene-d12	21.55	240	412321	20.00	ng	0.00
86) Perylene-d12	24.64	264	409608	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	452279	109.73	ng	0.00
7) Phenol-d6	7.10	99	579505	99.18	ng	0.00
23) Nitrobenzene-d5	9.08	82	405933	77.85	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	262801	95.63	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1049802	79.02	ng	0.00
79) Terphenyl-d14	19.91	244	1559711	80.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	59668	34.797	ng	# 36
3) Pyridine	3.83	79	163548	32.598	ng	99
4) n-Nitrosodimethylamine	3.73	42	79697	43.070	ng	97
6) Aniline	7.25	93	83203	12.655	ng	98
8) 2-Chlorophenol	7.49	128	209821	48.166	ng	96
9) Benzaldehyde	7.06	77	74347	22.712	ng	99
10) Phenol	7.13	94	227080	42.196	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	190593	44.060	ng	97
12) 1,3-Dichlorobenzene	7.81	146	204859	37.040	ng	96
13) 1,4-Dichlorobenzene	7.96	146	206778	37.345	ng	99
14) 1,2-Dichlorobenzene	8.28	146	203879	38.402	ng	99
15) Benzyl Alcohol	8.16	79	188970	50.375	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	293451	43.735	ng	99
17) 2-Methylphenol	8.38	107	180217	47.220	ng	98
18) Hexachloroethane	9.00	117	68996	36.751	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	162543	46.508	ng	98
20) 3+4-Methylphenols	8.70	107	243347	46.194	ng	96
22) Acetophenone	8.74	105	305500	42.112	ng	# 99
24) Nitrobenzene	9.12	77	230207	44.688	ng	97
25) Isophorone	9.64	82	439805	46.006	ng	99
26) 2-Nitrophenol	9.83	139	125152	46.047	ng	98
27) 2,4-Dimethylphenol	9.90	122	205746	55.039	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	268986	43.716	ng	100
29) 2,4-Dichlorophenol	10.37	162	236754	47.509	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	235016	39.748	ng	99
31) Naphthalene	10.77	128	617545	42.439	ng	99
32) Benzoic acid	9.90	122	205746	65.409	ng	# 15
33) 4-Chloroaniline	10.88	127	19976	3.113	ng	95
34) Hexachlorobutadiene	11.06	225	144745	37.711	ng	98
35) Caprolactam	11.65	113	60162	32.297	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	226583	46.488	ng	97
37) 2-Methylnaphthalene	12.38	142	497371	43.339	ng	99
38) 1-Methylnaphthalene	12.59	142	470467	43.279	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	301453	45.073	ng	99

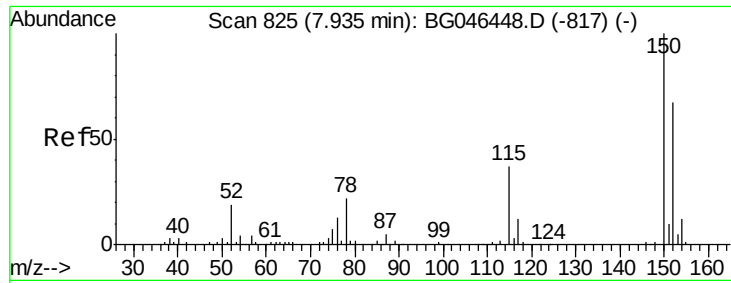
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	223460	76.839	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	207038	45.872	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	209673	44.216	ng	97
46) 1,1'-Biphenyl	13.39	154	650016	46.065	ng	99
47) 2-Chloronaphthalene	13.43	162	514753	43.025	ng	99
48) 2-Nitroaniline	13.63	65	143947	43.330	ng	97
49) Acenaphthylene	14.27	152	802729	44.231	ng	100
50) Dimethylphthalate	14.01	163	659248	42.015	ng	100
51) 2,6-Dinitrotoluene	14.13	165	150775	43.592	ng	97
52) Acenaphthene	14.62	154	490051	43.575	ng	99
53) 3-Nitroaniline	14.46	138	42339	11.301	ng	95
54) 2,4-Dinitrophenol	14.69	184	4773	2.364	ng	# 81
55) Dibenzofuran	14.95	168	786121	43.556	ng	99
56) 4-Nitrophenol	14.78	139	94945	34.434	ng	99
57) 2,4-Dinitrotoluene	14.92	165	204917	41.550	ng	97
58) Fluorene	15.60	166	647565	42.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	132306	28.732	ng	100
60) Diethylphthalate	15.37	149	632036	41.314	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	351515	42.135	ng	99
62) 4-Nitroaniline	15.62	138	141530	35.801	ng	98
63) Azobenzene	15.88	77	538107	43.241	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	20125	8.123	ng	97
66) n-Nitrosodiphenylamine	15.81	169	570495	48.309	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	236874	46.382	ng	99
68) Hexachlorobenzene	16.61	284	248093	43.864	ng	98
69) Atrazine	16.76	200	161697	33.563	ng	99
70) Pentachlorophenol	16.98	266	7266	2.459	ng	93
71) Phenanthrene	17.34	178	986127	44.445	ng	100
72) Anthracene	17.43	178	1011819	46.220	ng	100
73) Carbazole	17.70	167	897051	43.401	ng	99
74) Di-n-butylphthalate	18.26	149	1009568	42.478	ng	99
75) Fluoranthene	19.35	202	1178248	41.265	ng	99
77) Benzidine	19.54	184	22100	2.307	ng	# 94
78) Pyrene	19.71	202	1188201	45.254	ng	99
80) Butylbenzylphthalate	20.60	149	448911	43.833	ng	98
81) Benzo(a)anthracene	21.52	228	1133485	44.105	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	117810	12.352	ng	98
83) Chrysene	21.59	228	1085503	43.910	ng	97
84) Bis(2-ethylhexyl)phthalate	21.44	149	642907	46.000	ng	99
85) Di-n-octyl phthalate	22.61	149	1094516	45.736	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1333284	45.321	ng	99
88) Benzo(b)fluoranthene	23.67	252	1151642	45.027	ng	99
89) Benzo(k)fluoranthene	23.73	252	1102524	44.603	ng	99
90) Benzo(a)pyrene	24.50	252	1039181	43.538	ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1109997	46.756	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1119506	47.223	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.92 min Scan# 823

Delta R.T. 0.00 min

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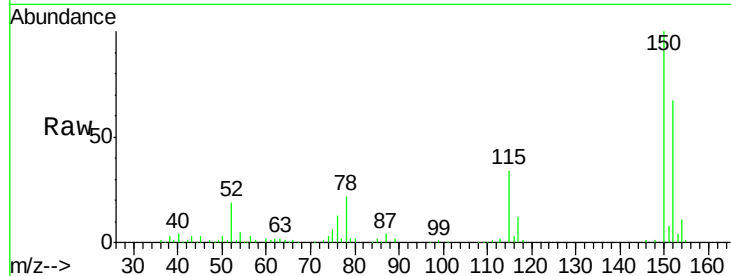
Tot Ion:152 Resp: 73002

Ion Ratio Lower Upper

152 100

150 149.3 125.0 187.6

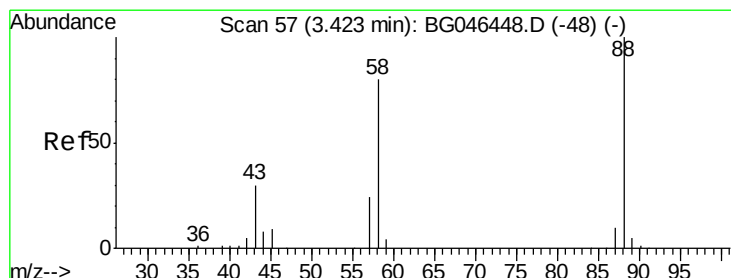
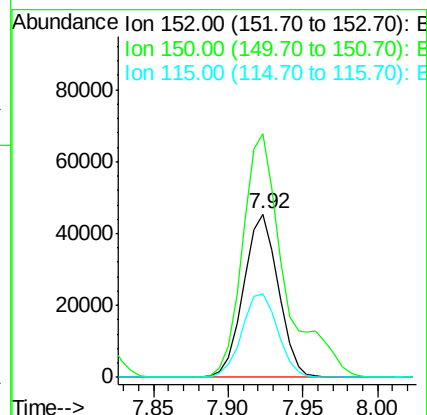
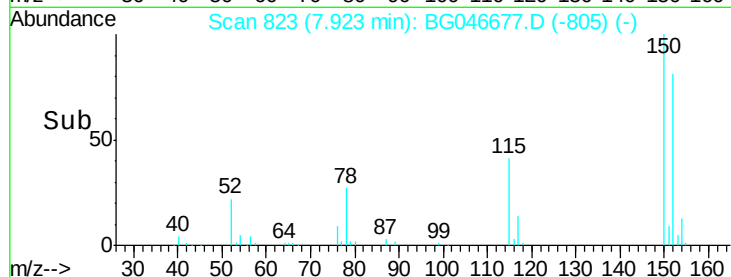
115 50.9 41.8 62.6



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



#2

1,4-Dioxane

Concen: 34.797 ng

RT: 3.43 min Scan# 58

Delta R.T. 0.02 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

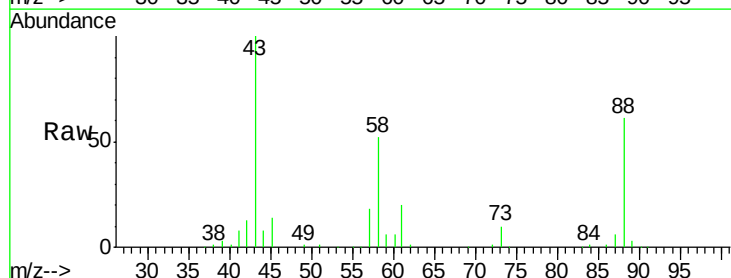
Tgt Ion: 88 Resp: 59668

Ion Ratio Lower Upper

88 100

58 81.1 61.6 92.4

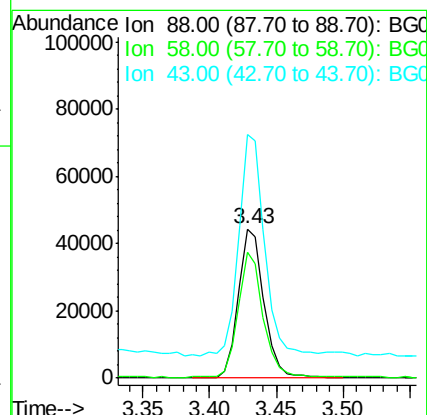
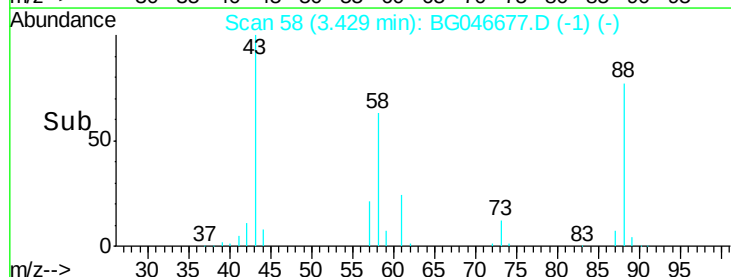
43 147.5 21.3 31.9#

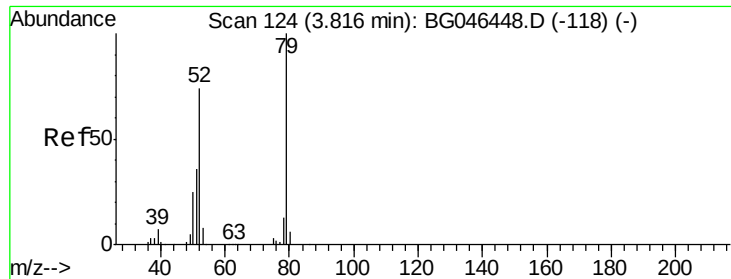


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.598 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

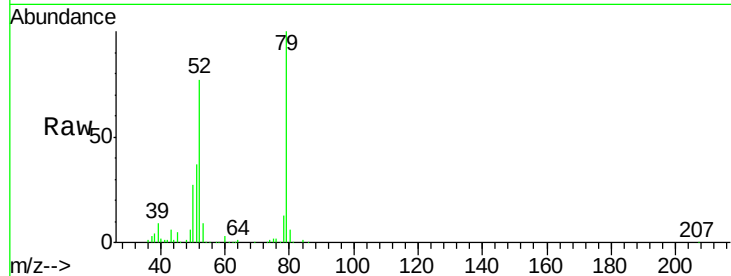
Tot Ion: 79 Resp: 163548

Ion Ratio Lower Upper

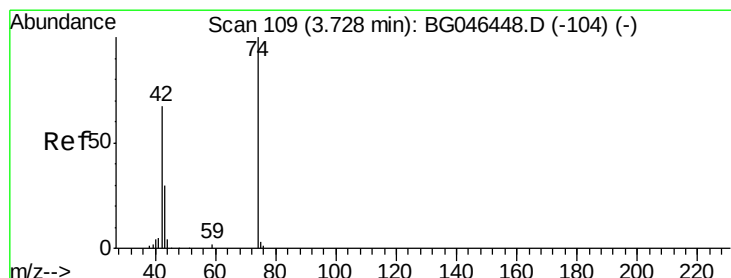
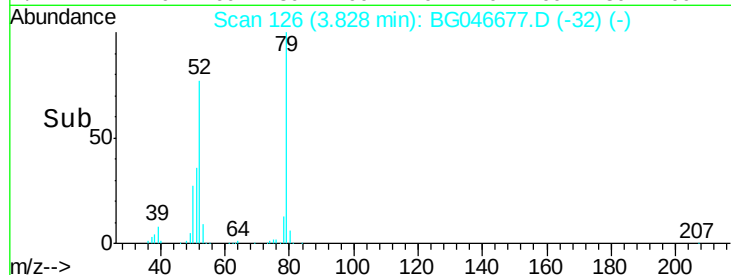
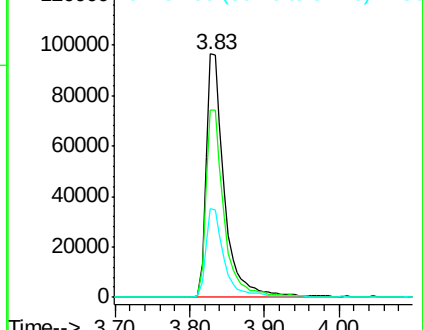
79 100

52 77.1 61.3 91.9

51 36.6 28.4 42.6



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



#4

n-Nitrosodimethylamine

Concen: 43.070 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

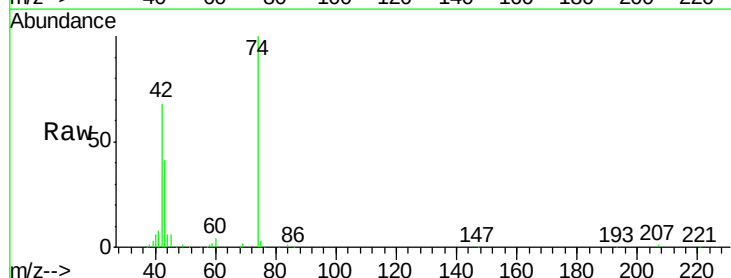
Tgt Ion: 42 Resp: 79697

Ion Ratio Lower Upper

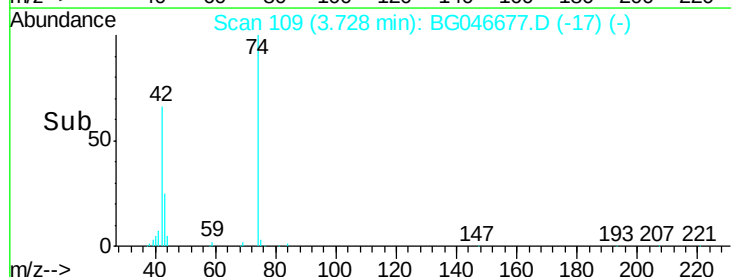
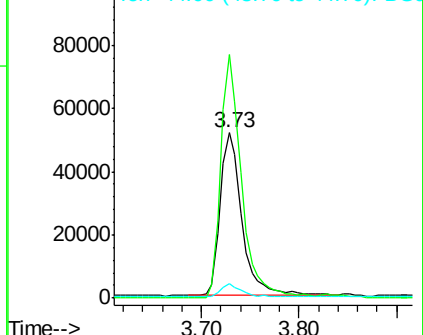
42 100

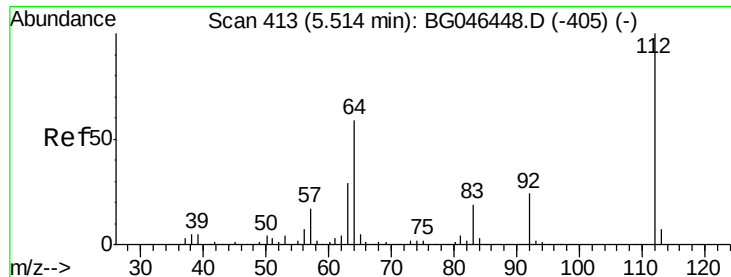
74 147.2 120.4 180.6

44 8.6 6.2 9.2



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





#5

2-Fluorophenol

Concen: 109.733 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

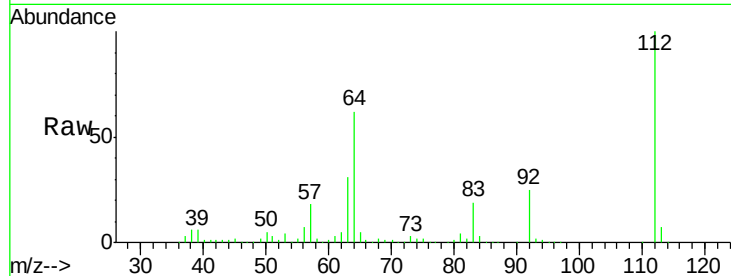
Tot Ion:112 Resp: 452279

Ion Ratio Lower Upper

112 100

64 61.5 46.7 70.1

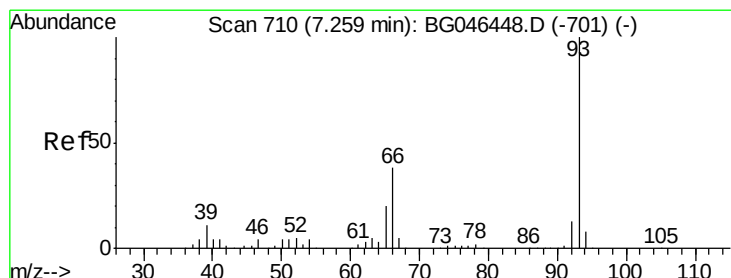
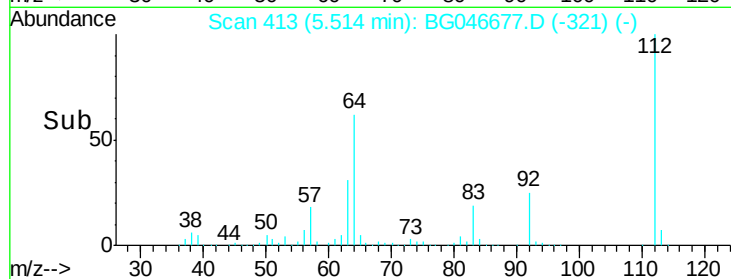
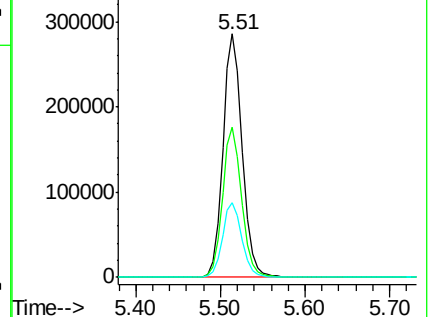
63 30.6 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.655 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

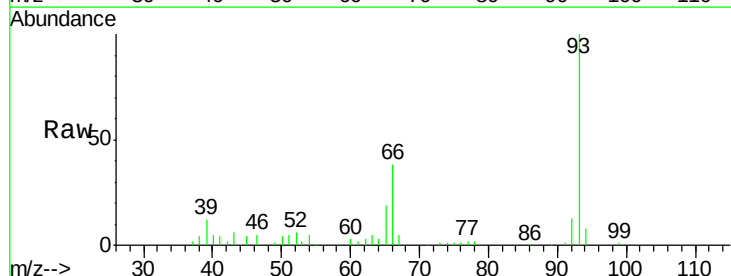
Tgt Ion: 93 Resp: 83203

Ion Ratio Lower Upper

93 100

66 38.3 29.5 44.3

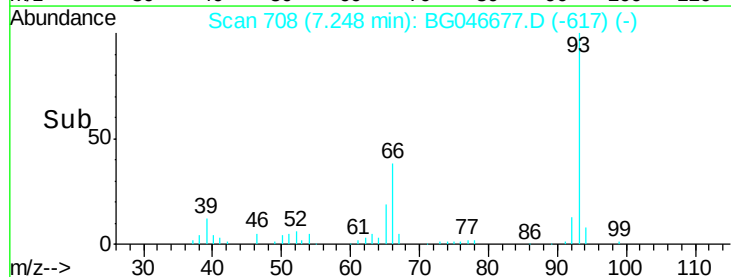
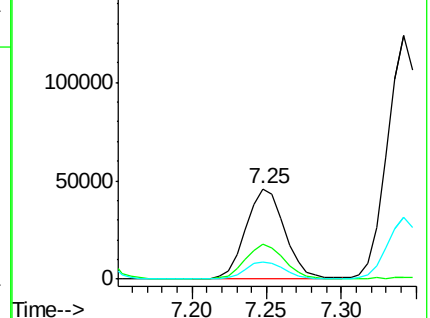
65 19.3 15.5 23.3

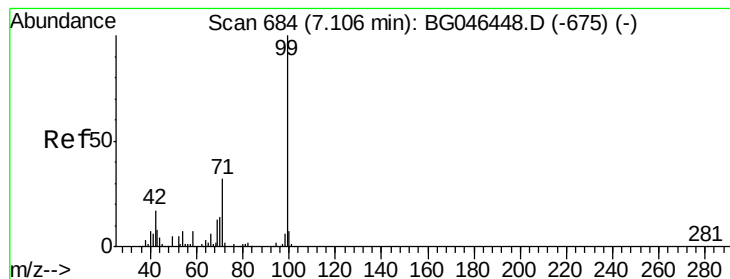


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.182 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046677.D

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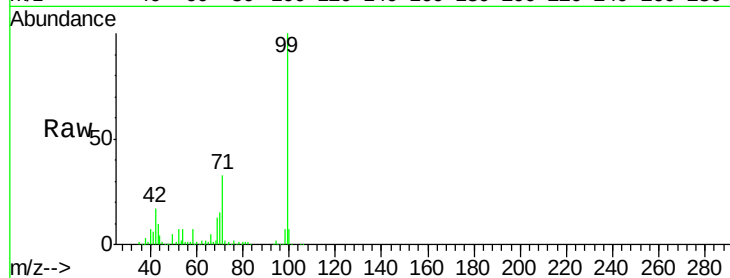
Tot Ion: 99 Resp: 579505

Ion Ratio Lower Upper

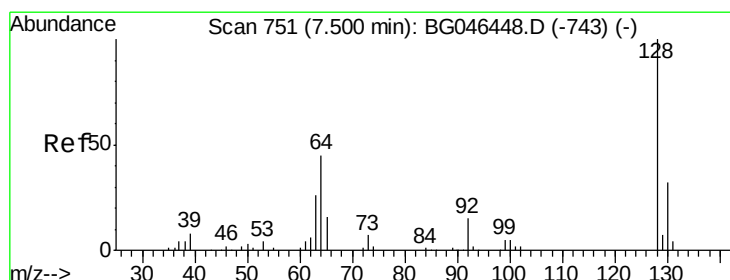
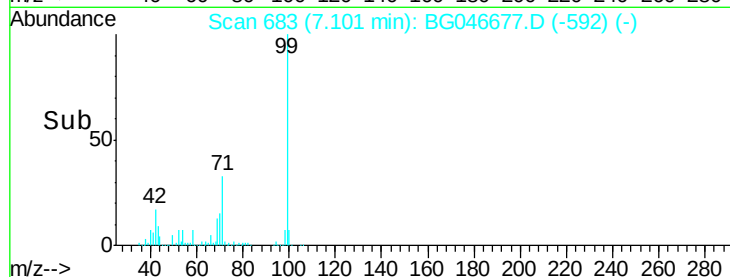
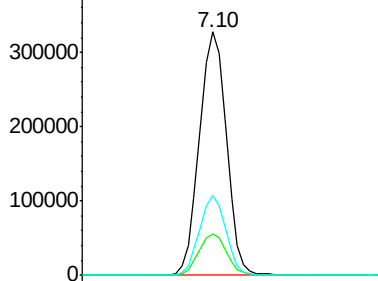
99 100

42 17.1 12.8 19.2

71 32.5 24.6 36.8



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



#8

2-Chlorophenol

Concen: 48.166 ng

RT: 7.49 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

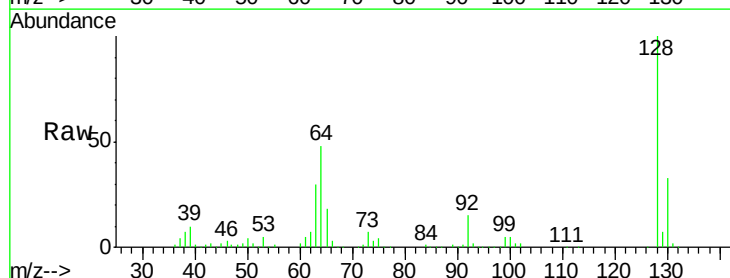
Tgt Ion: 128 Resp: 209821

Ion Ratio Lower Upper

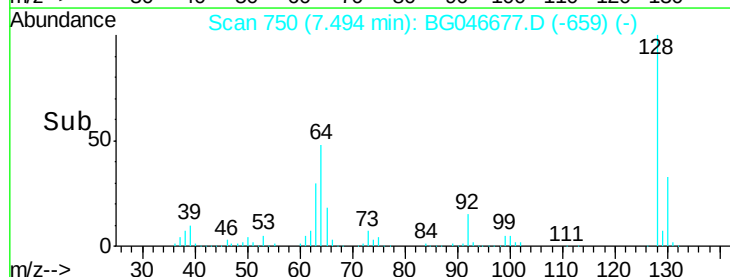
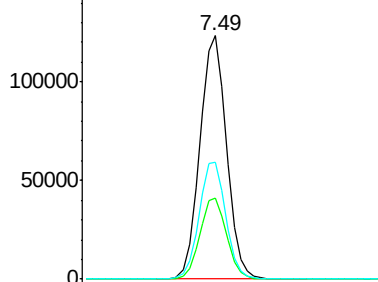
128 100

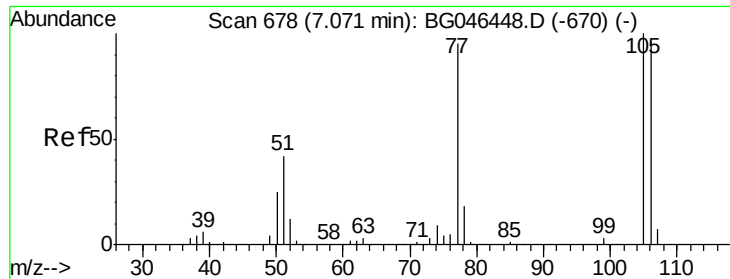
130 33.2 12.6 52.6

64 48.3 24.8 64.8



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

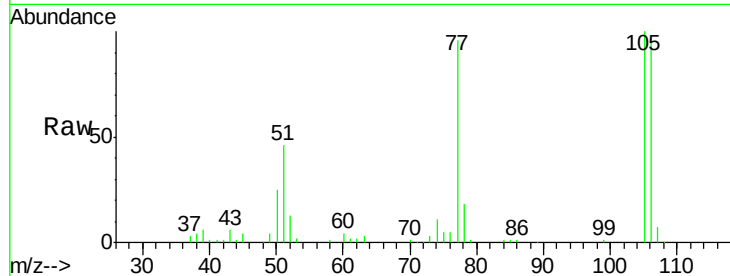




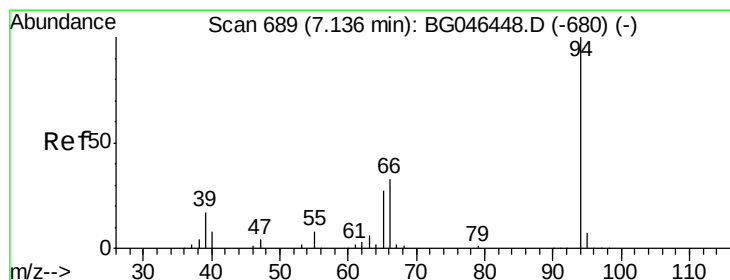
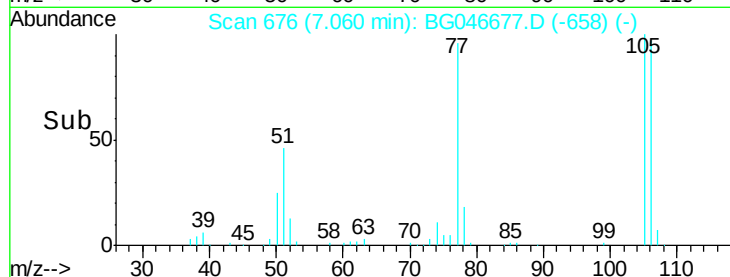
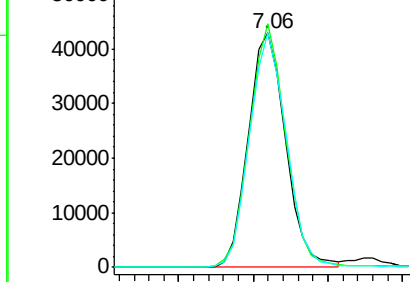
#9
Benzaldehyde
Concen: 22.712 ng
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
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PAV-B36-091620-0-10MS

Tot Ion: 77 Resp: 74347
Ion Ratio Lower Upper
77 100
105 103.8 85.9 125.9
106 100.2 80.9 120.9

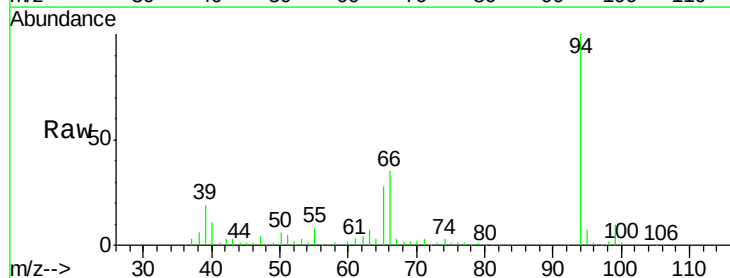


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

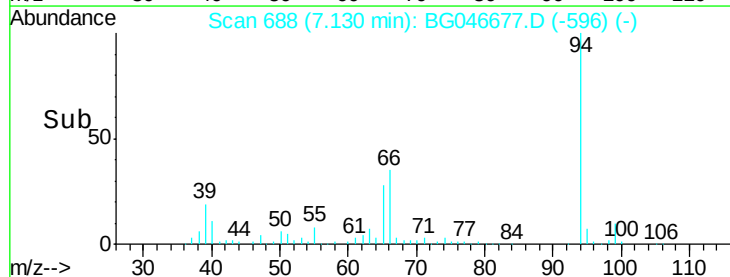
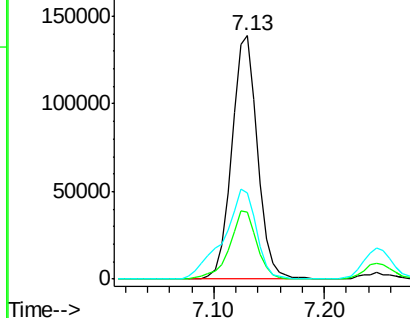


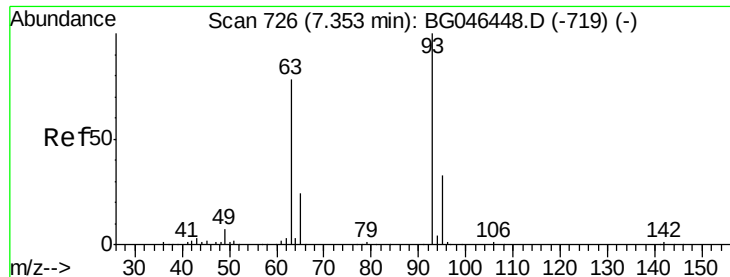
#10
Phenol
Concen: 42.196 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion: 94 Resp: 227080
Ion Ratio Lower Upper
94 100
65 27.7 6.6 46.6
66 35.4 13.9 53.9



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



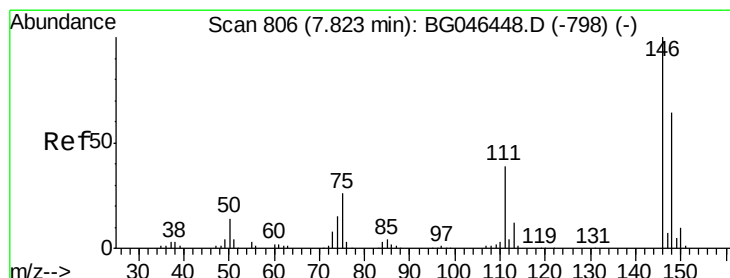
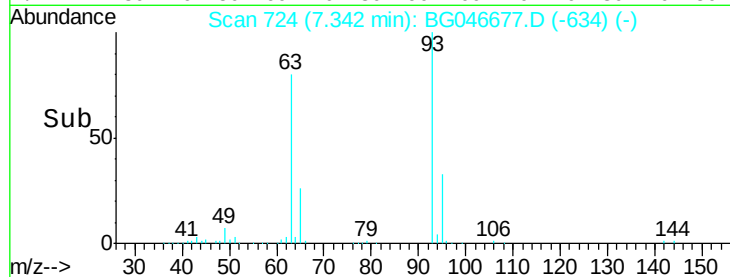
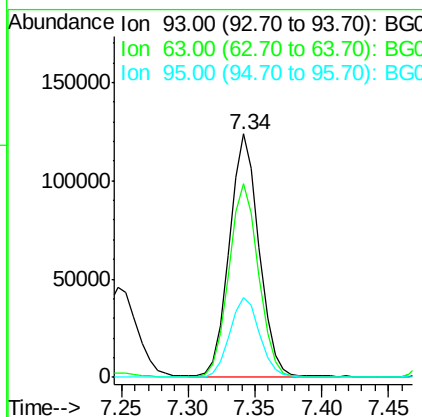
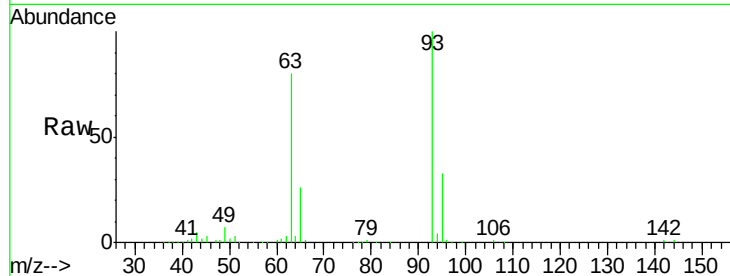


#11
 bis(2-Chloroethyl)ether
 Concen: 44.060 ng
 RT: 7.34 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

Tot Ion: 93 Resp: 190593

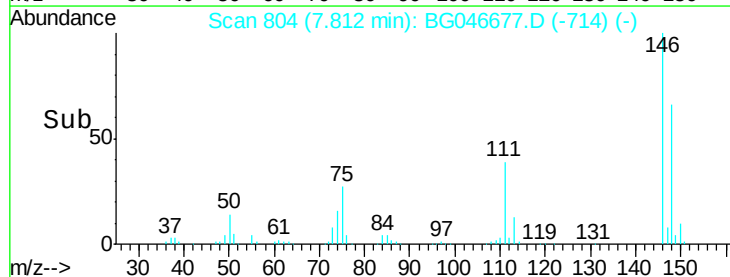
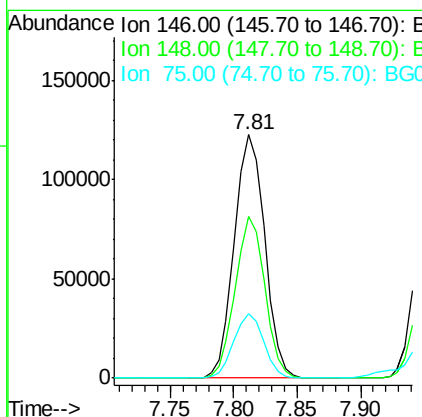
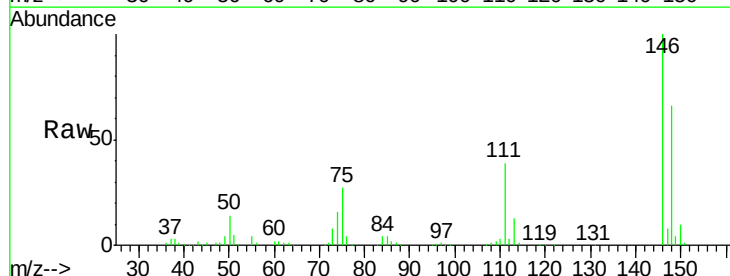
Ion	Ratio	Lower	Upper
93	100		
63	79.7	56.4	96.4
95	32.5	13.8	53.8

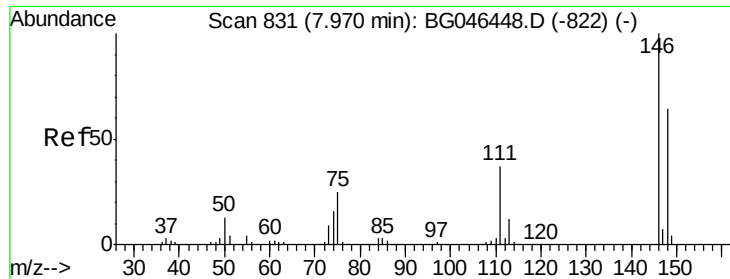


#12
 1,3-Dichlorobenzene
 Concen: 37.040 ng
 RT: 7.81 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion: 146 Resp: 204859

Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.1	75.1
75	26.6	20.1	30.1

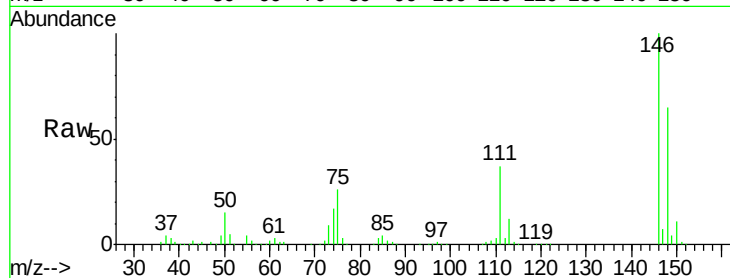




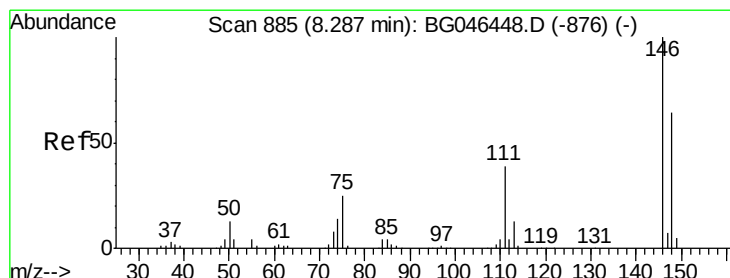
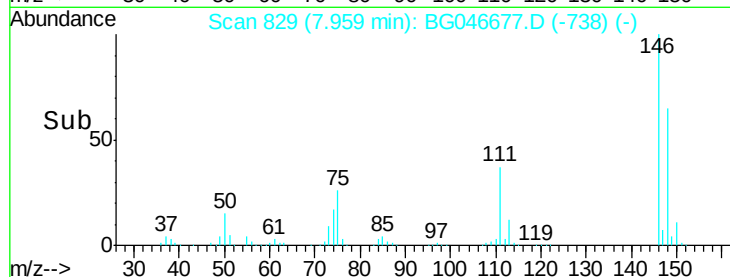
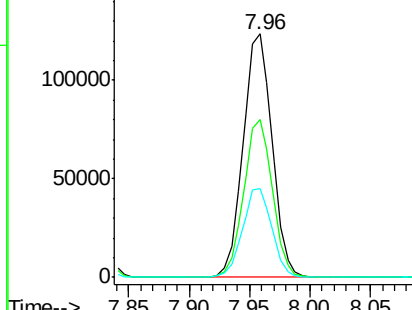
#13
 1,4-Dichlorobenzene
 Concen: 37.345 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

Tot Ion:146 Resp: 206778
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 36.6 29.7 44.5

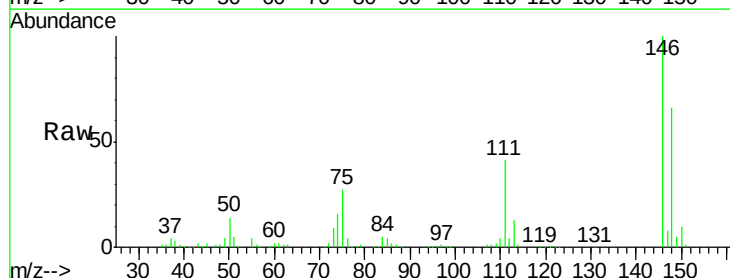


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

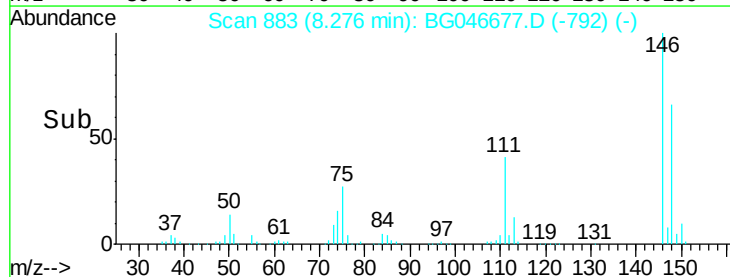
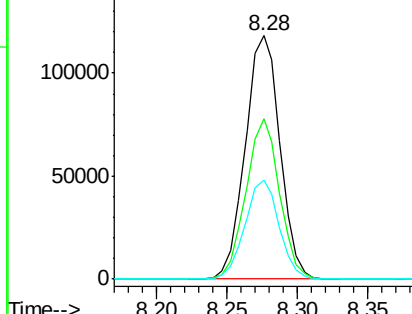


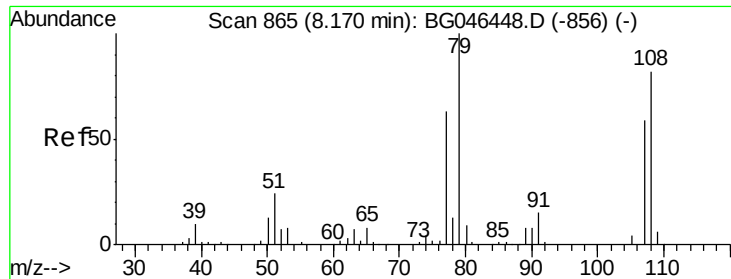
#14
 1,2-Dichlorobenzene
 Concen: 38.402 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion:146 Resp: 203879
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.0 79.6
 111 40.6 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

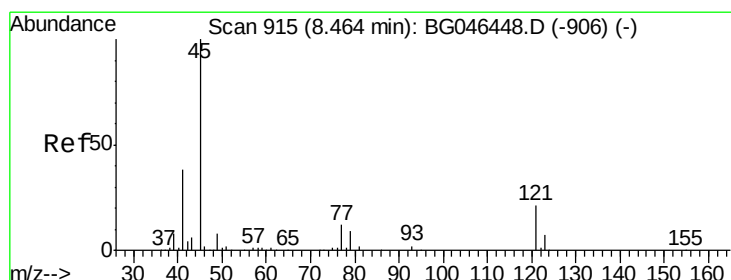
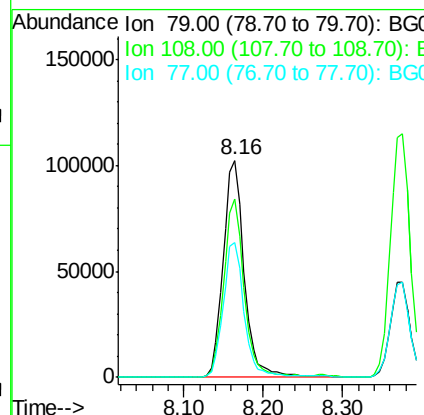
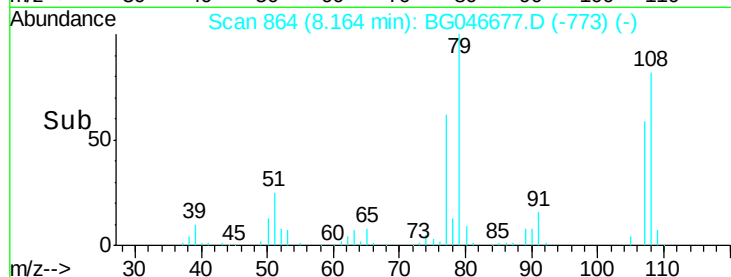
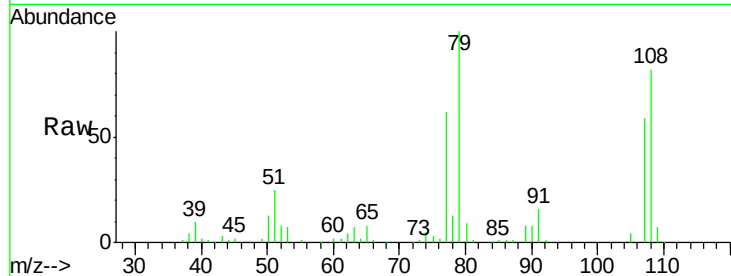




#15
Benzvl Alcohol
Concen: 50.375 ng
RT: 8.16 min Scan# 864
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

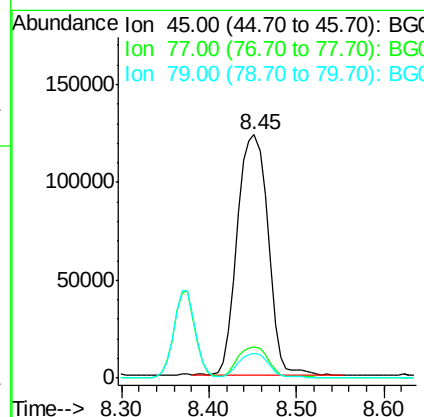
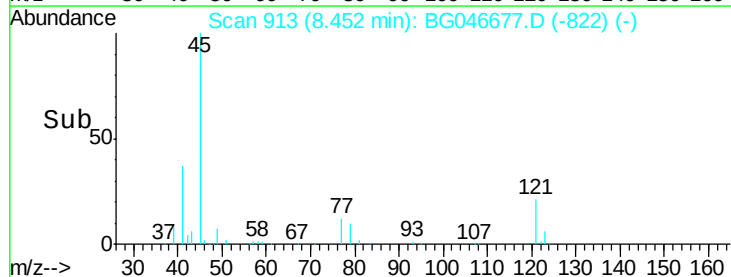
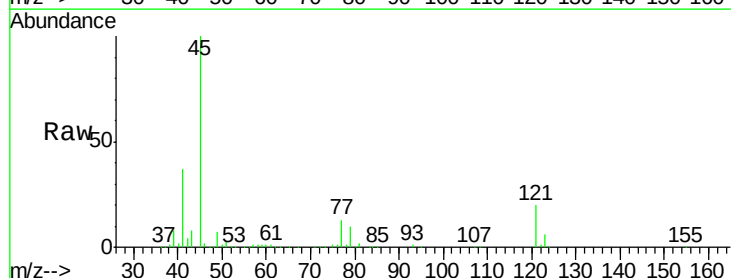
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

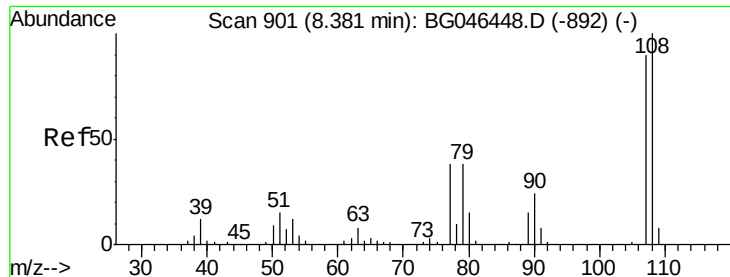
Tot Ion: 79 Resp: 188970
Ion Ratio Lower Upper
79 100
108 82.2 65.5 98.3
77 62.1 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.735 ng
RT: 8.45 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion: 45 Resp: 293451
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.4
79 10.4 0.0 30.8

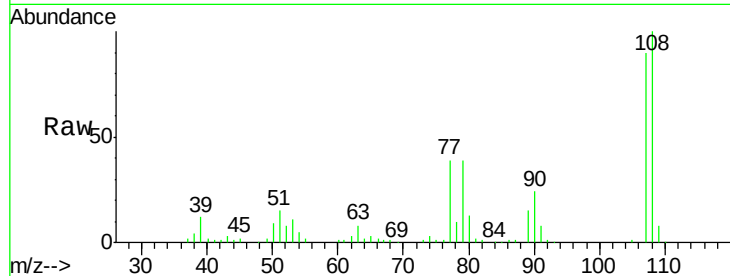




#17
2-Methylphenol
Concen: 47.220 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.2	130.8
77	43.2	33.8	50.8
79	43.2	32.7	49.1



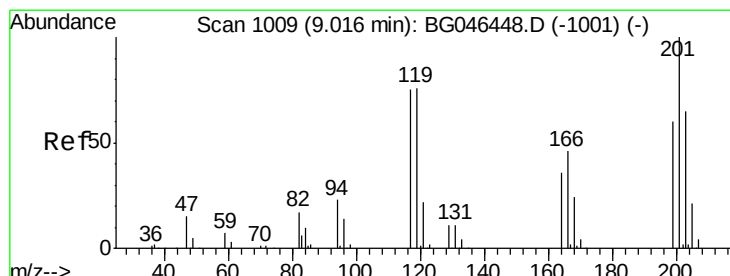
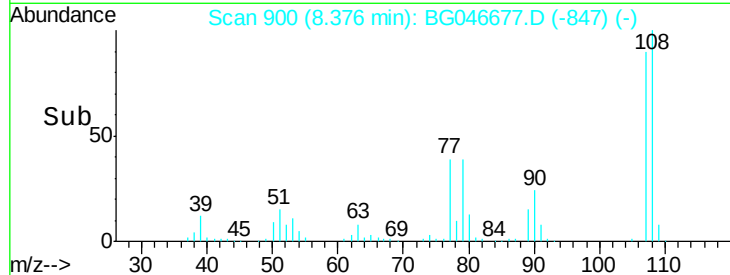
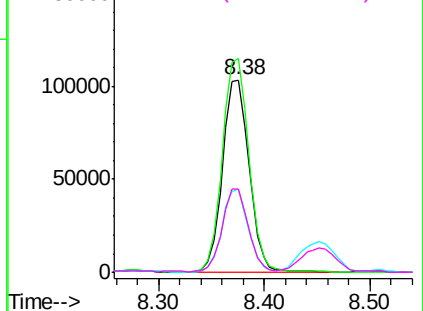
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

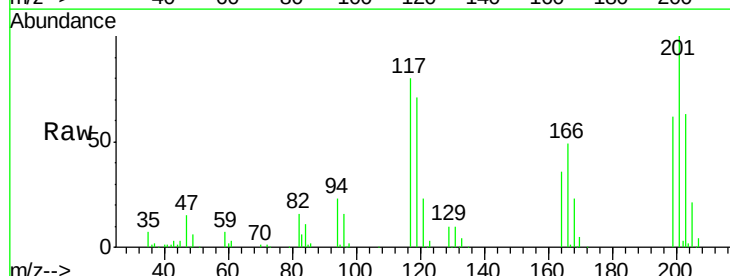
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.751 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.9	77.5	116.3
201	125.6	104.9	157.3

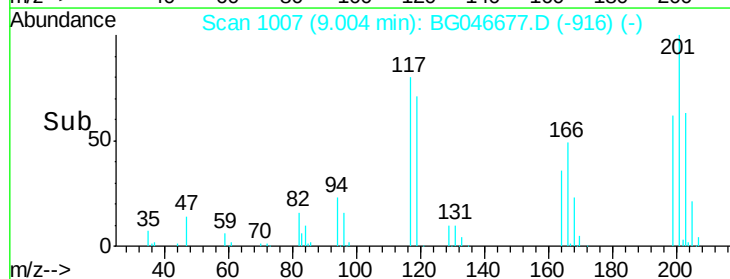
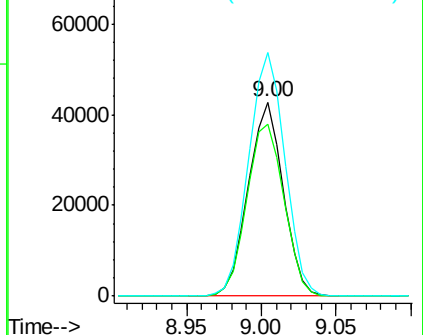


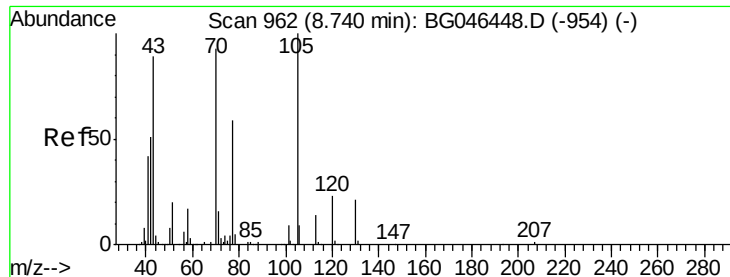
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

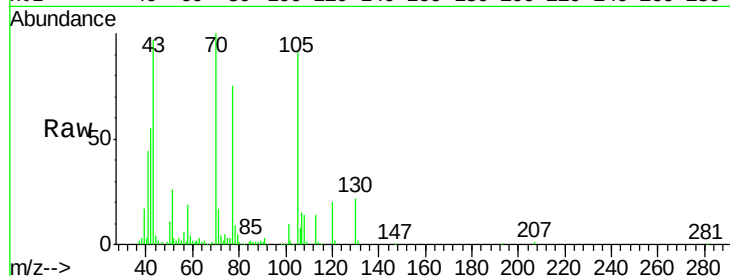




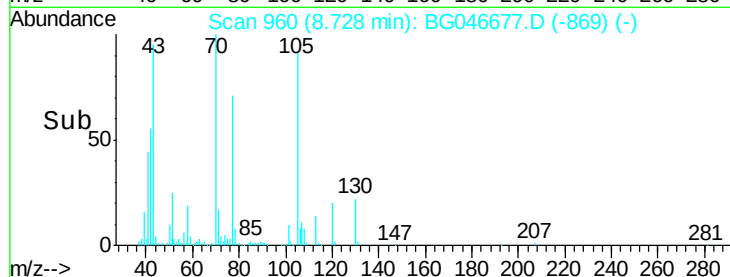
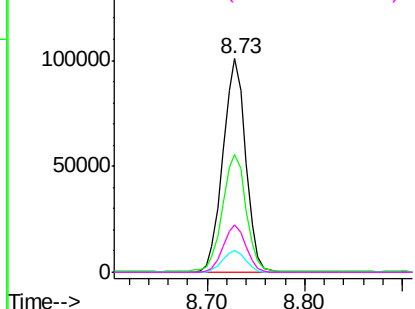
#19
n-Nitroso-di-n-propylamine
Concen: 46.508 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:	70	Resp:	162543
Ion	Ratio	Lower	Upper
70	100		
42	55.3	45.6	68.4
101	10.2	8.4	12.6
130	22.3	17.8	26.8

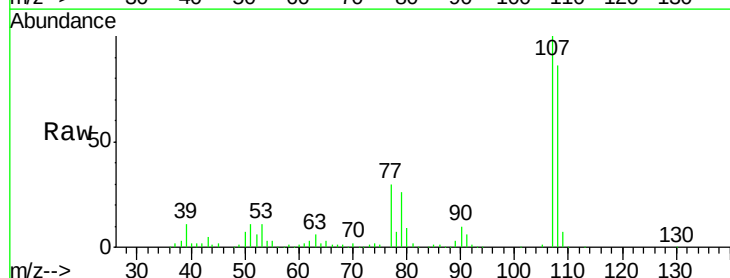
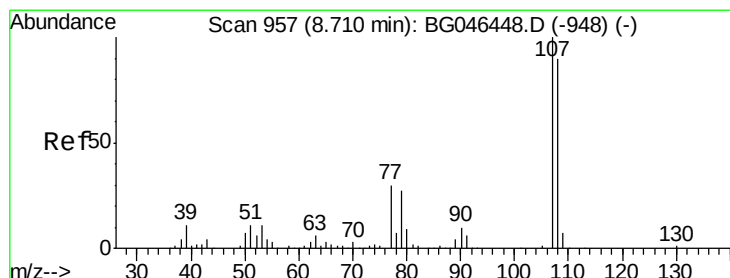


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

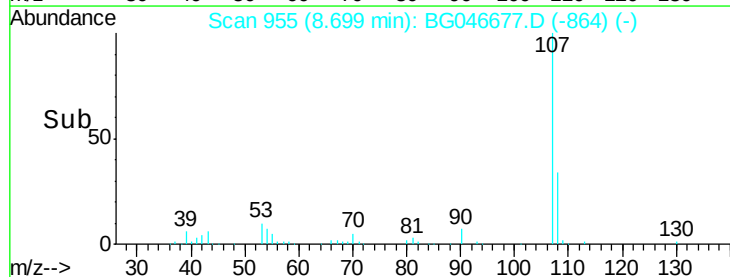
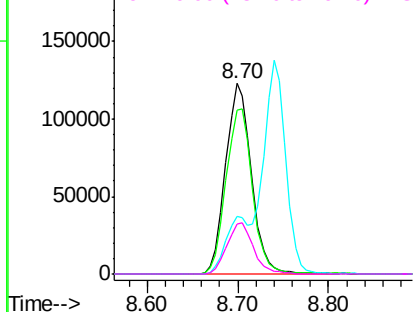


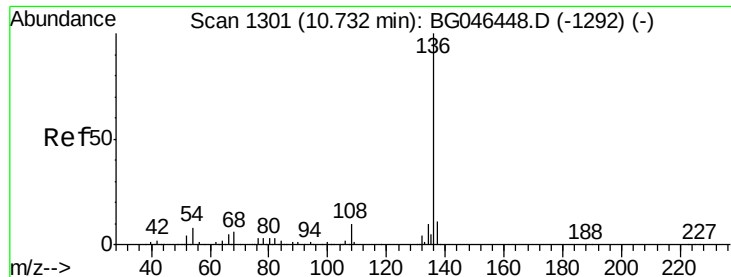
#20
3+4-Methylphenols
Concen: 46.194 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:	107	Resp:	243347
Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.6	110.6
77	30.2	10.2	50.2
79	26.0	6.8	46.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

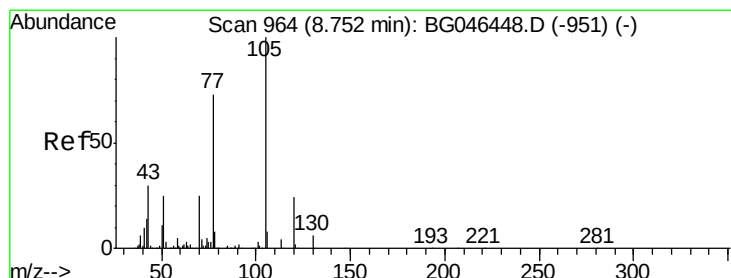
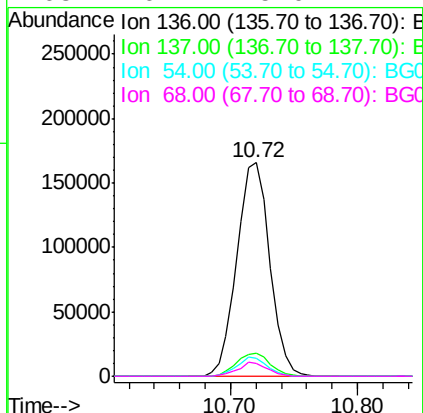
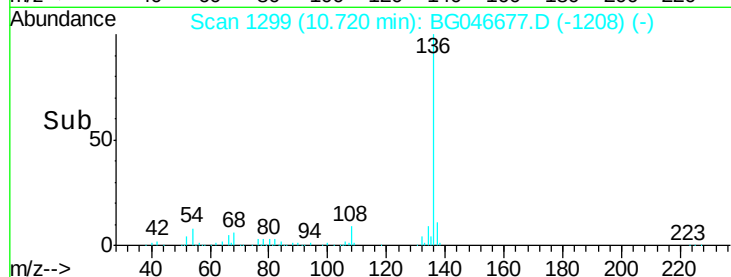
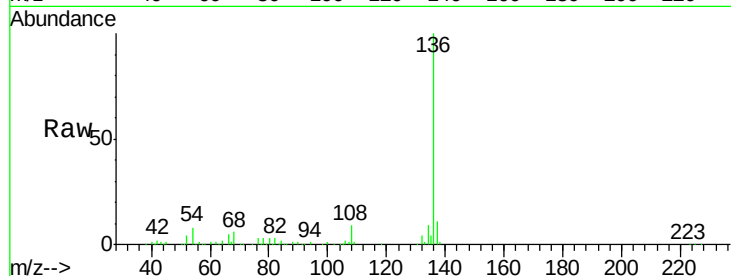




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

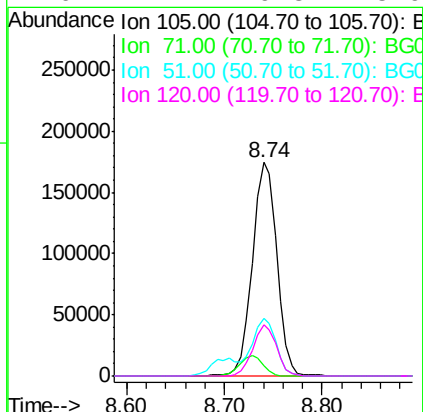
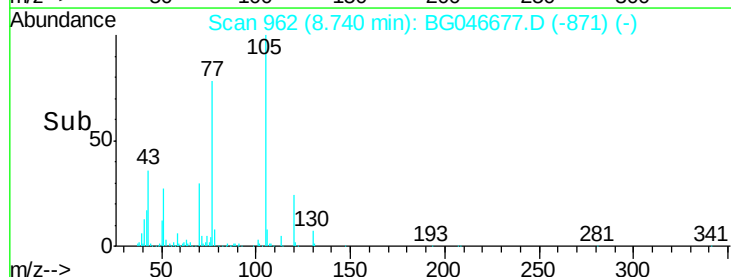
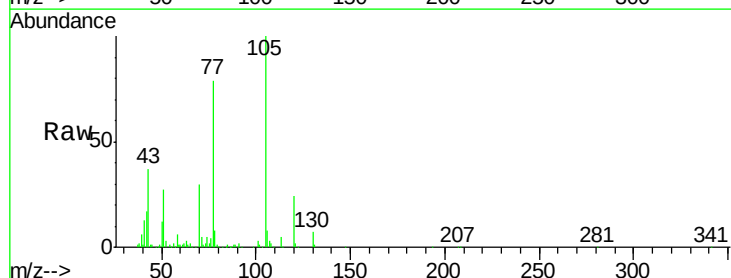
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

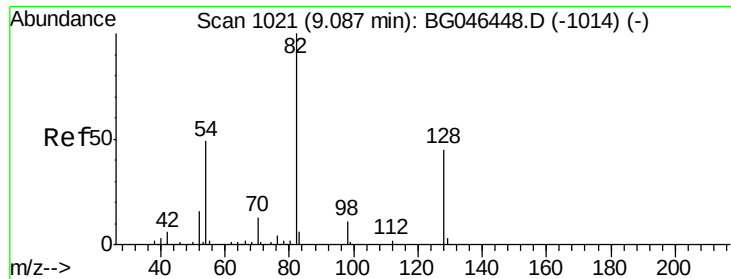
Tot Ion:136	Resp:	298021
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	8.3	6.2 9.4
68	6.1	5.0 7.4



#22
Acetophenone
Concen: 42.112 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:105	Resp:	305500
Ion	Ratio	Lower Upper
105	100	
71	4.9	2.7 4.1#
51	27.3	21.0 31.6
120	24.1	19.3 28.9

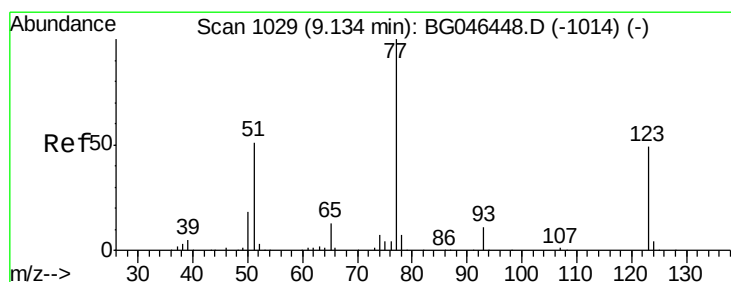
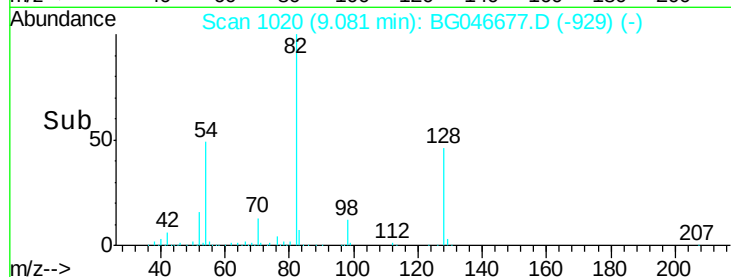
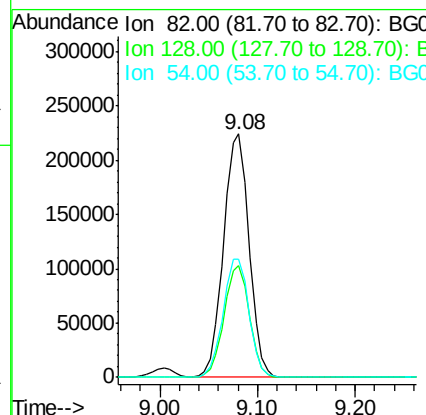
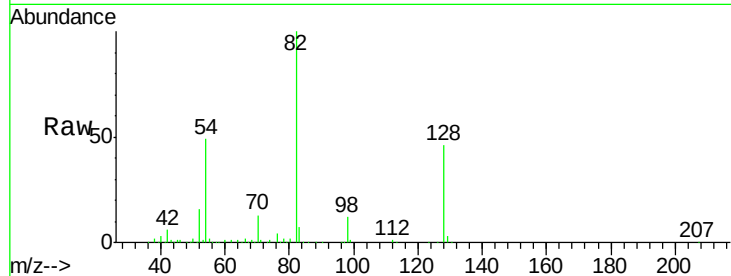




#23
Nitrobenzene-d5
Concen: 77.851 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

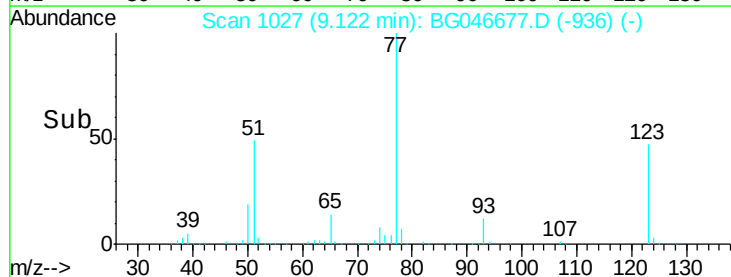
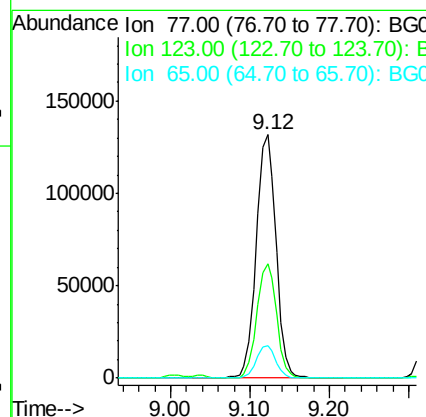
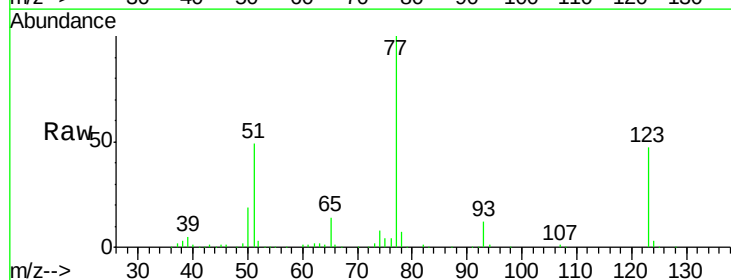
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

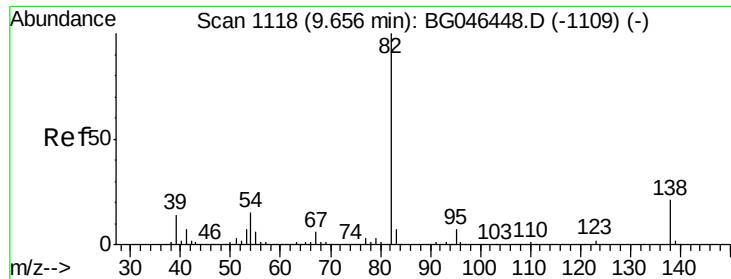
Tot Ion	82	Resp	405933
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.0	55.6
54	48.6	39.0	58.4



#24
Nitrobenzene
Concen: 44.688 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion	77	Resp	230207
Ion Ratio	Lower	Upper	
77	100		
123	47.0	39.7	59.5
65	13.5	10.4	15.6





#25

Isophorone

Concen: 46.006 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

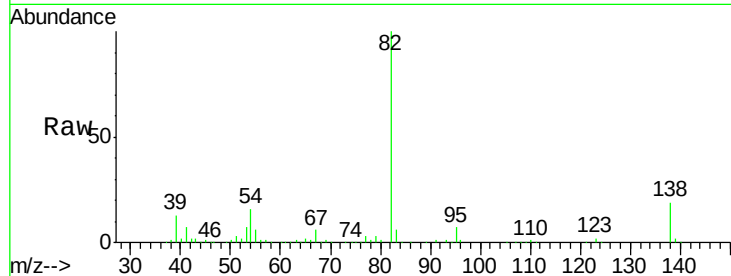
Tot Ion: 82 Resp: 439805

Ion Ratio Lower Upper

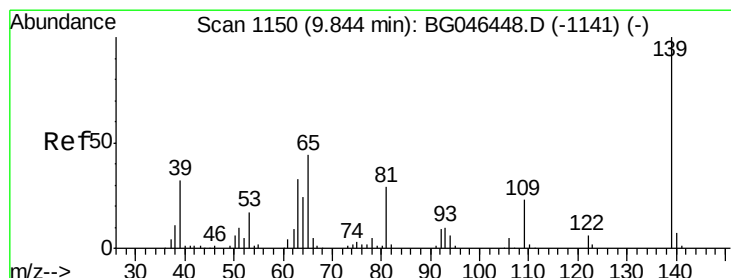
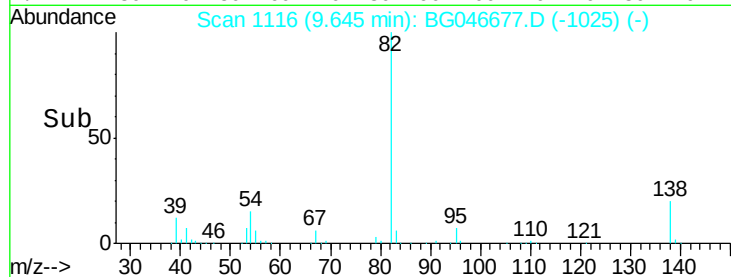
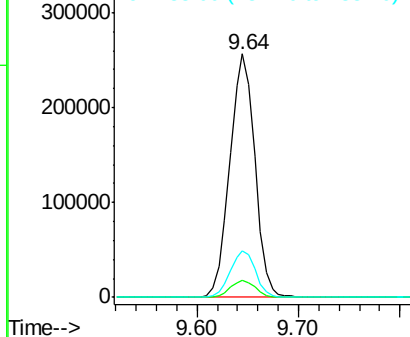
82 100

95 7.2 5.6 8.4

138 19.3 15.8 23.6



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: 46.047 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

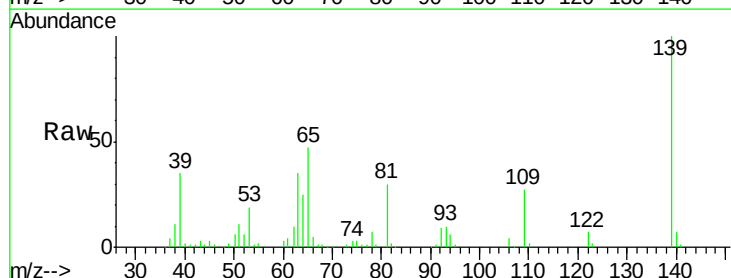
Tgt Ion: 139 Resp: 125152

Ion Ratio Lower Upper

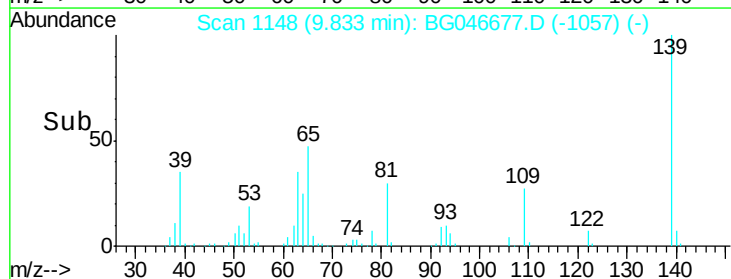
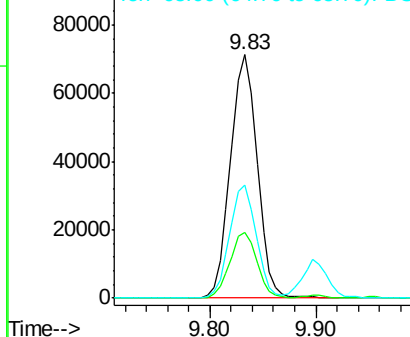
139 100

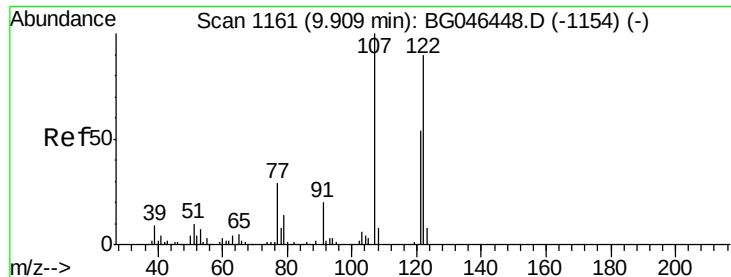
109 26.9 20.7 31.1

65 46.5 36.1 54.1



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

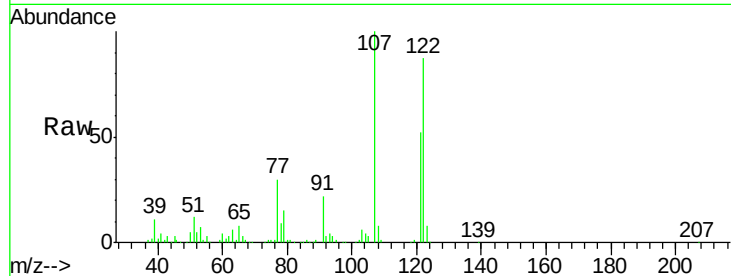




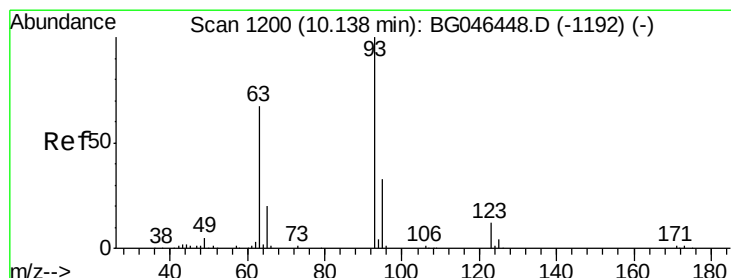
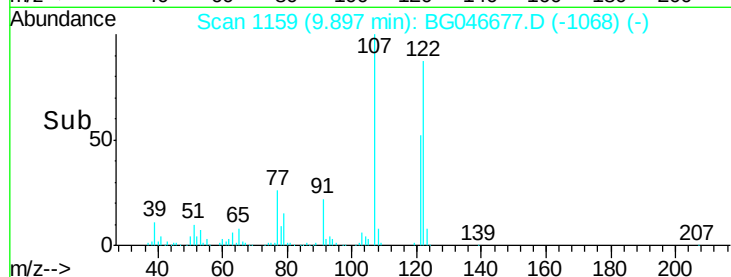
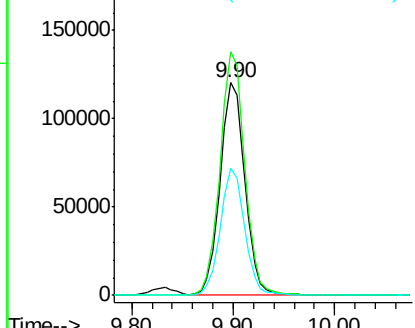
#27
 2,4-Dimethylphenol
 Concen: 55.039 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	89.2	133.8
121	59.9	46.9	70.3

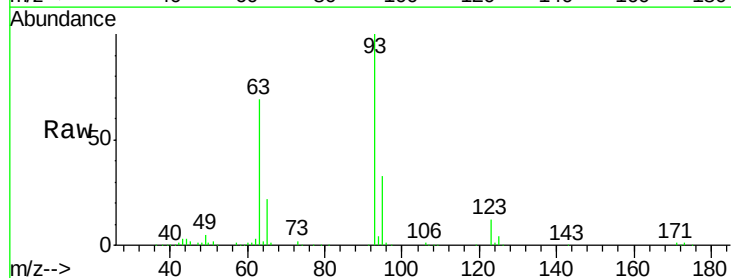


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

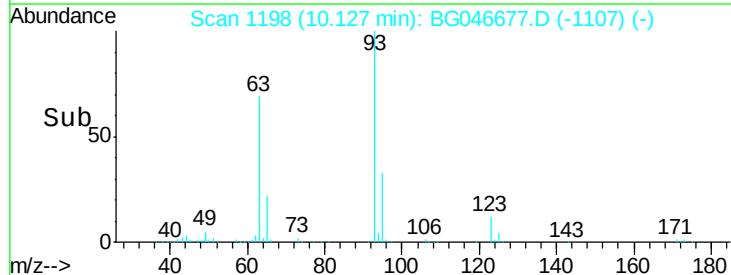
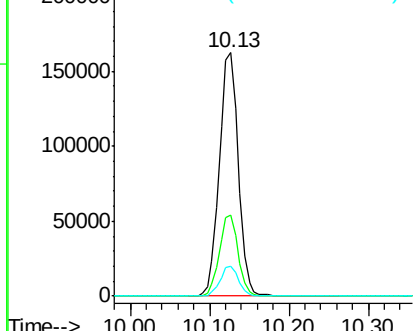


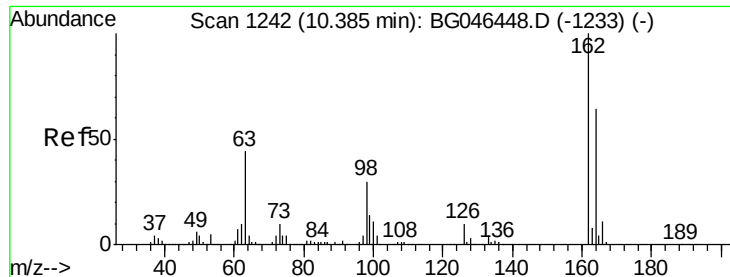
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.716 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.2	9.4	14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

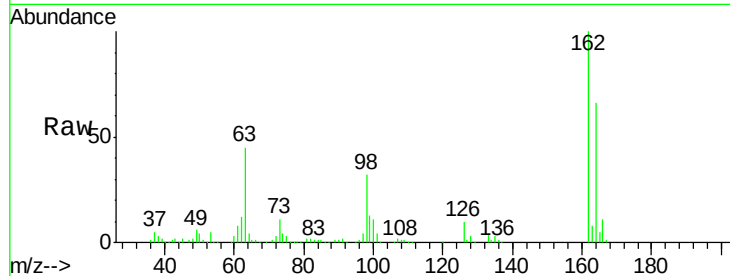




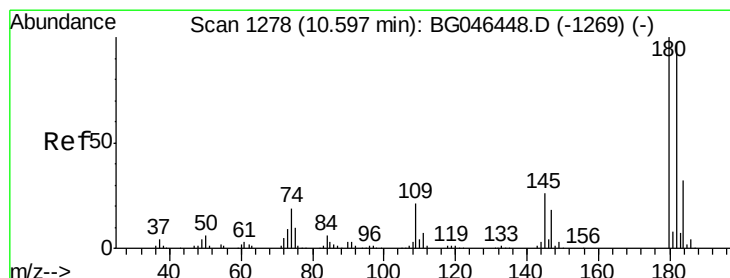
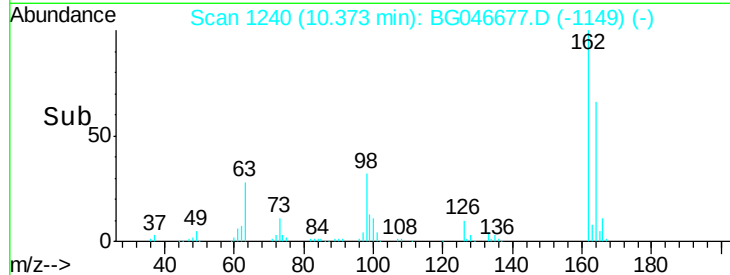
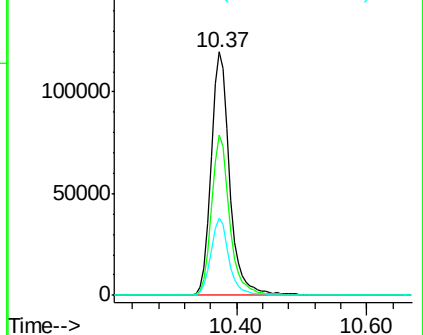
#29
2,4-Dichlorophenol
Concen: 47.509 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:162 Resp: 236754
Ion Ratio Lower Upper
162 100
164 66.0 45.6 85.6
98 31.8 11.0 51.0

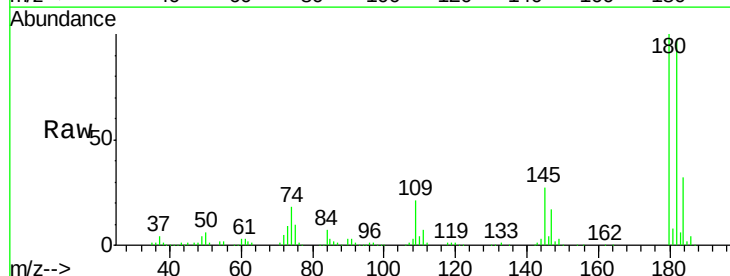


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

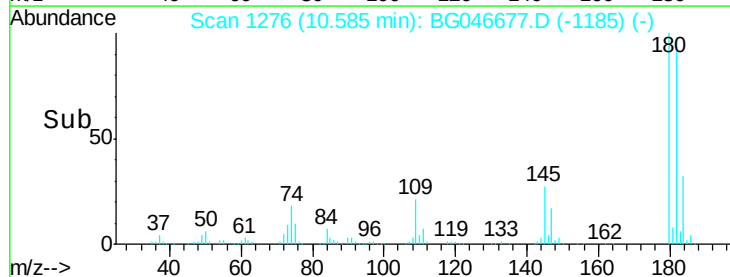
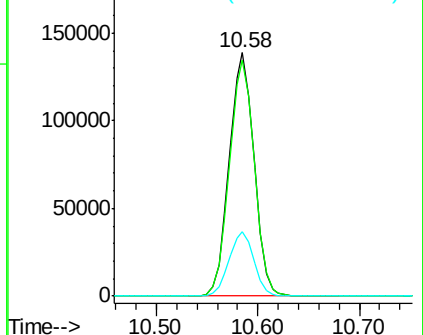


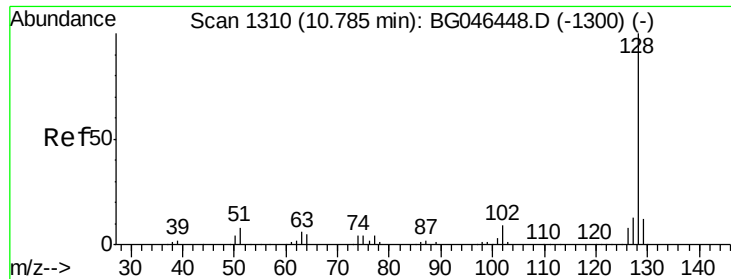
#30
1,2,4-Trichlorobenzene
Concen: 39.748 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:180 Resp: 235016
Ion Ratio Lower Upper
180 100
182 96.7 76.9 115.3
145 26.5 21.4 32.0



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

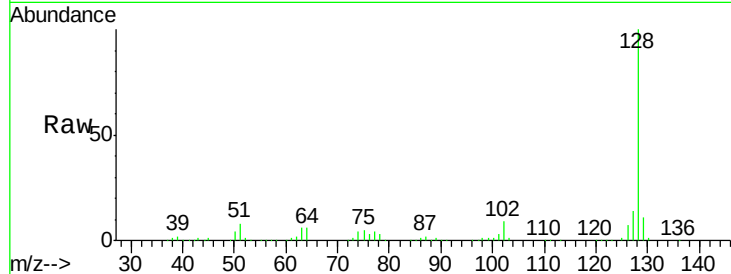




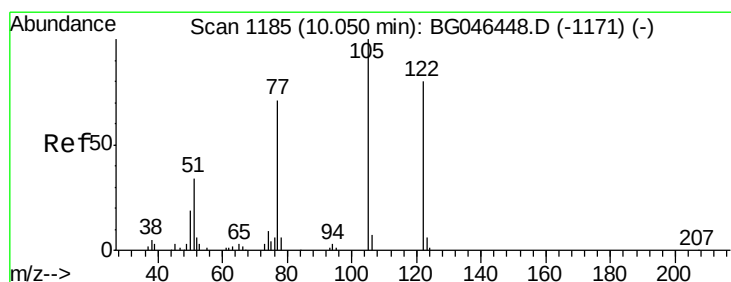
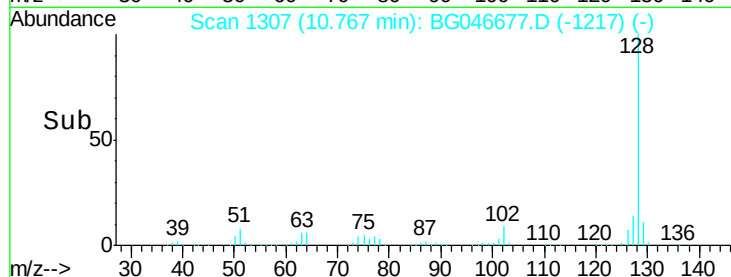
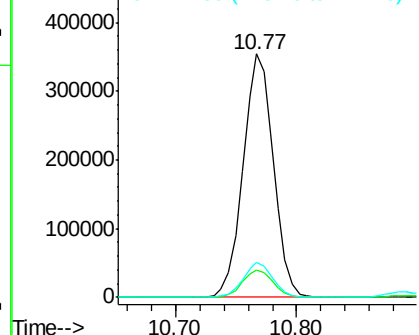
#31
Naphthalene
Concen: 42.439 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:128 Resp: 617545
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.1 11.0 16.4

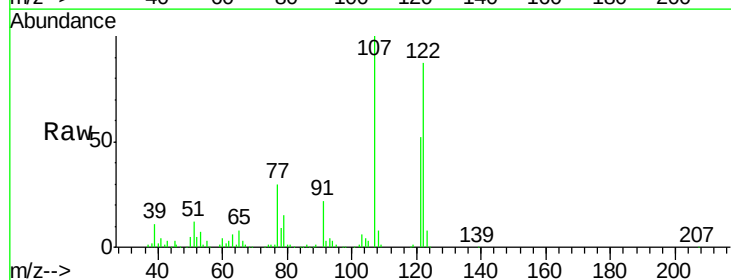


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

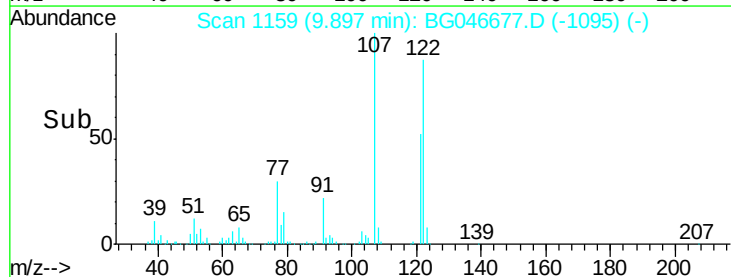
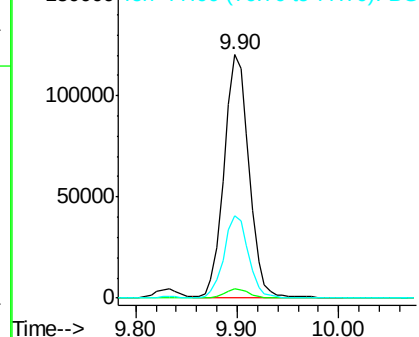


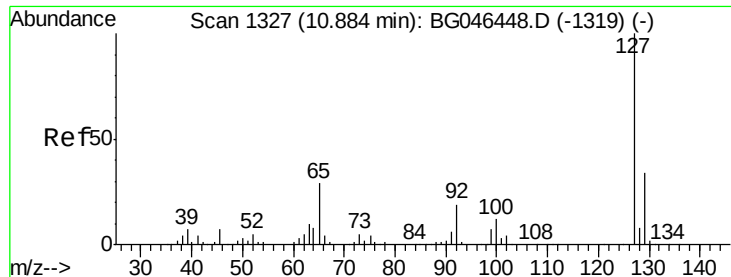
#32
Benzoic acid
Concen: 65.409 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.15 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:122 Resp: 205746
Ion Ratio Lower Upper
122 100
105 3.7 103.7 143.7#
77 33.9 63.0 103.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

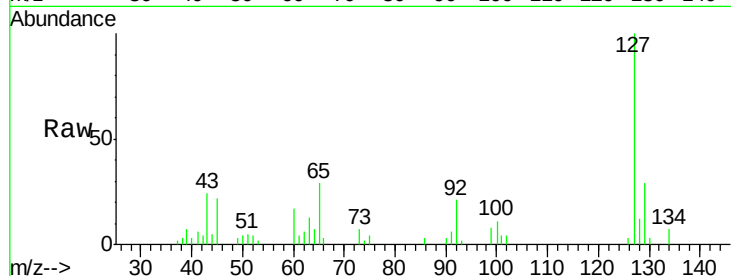




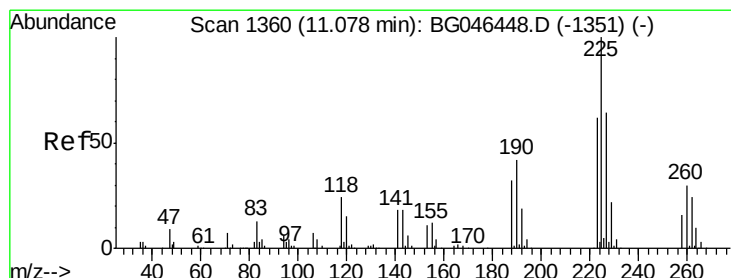
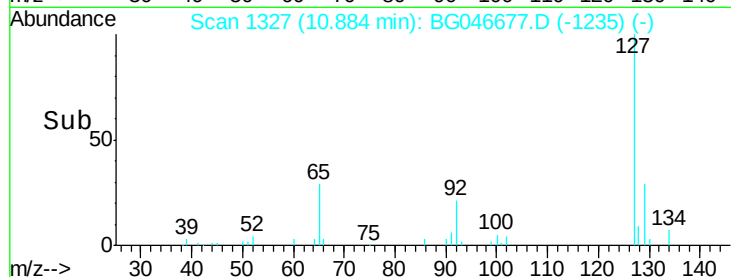
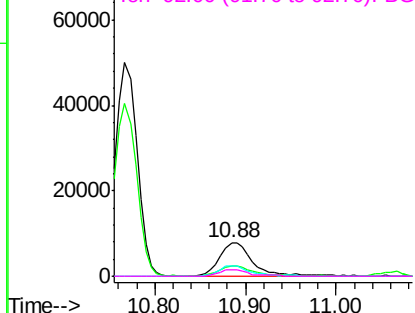
#33
4-Chloroaniline
Concen: 3.113 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:127	Resp:	19976
Ion	Ratio	Lower Upper
127	100	
129	29.0	26.8 40.2
65	29.2	23.8 35.6
92	20.9	14.5 21.7

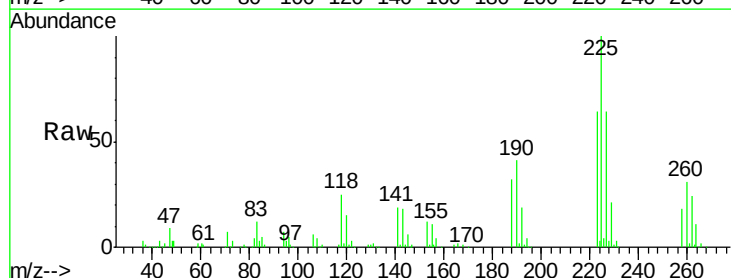


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

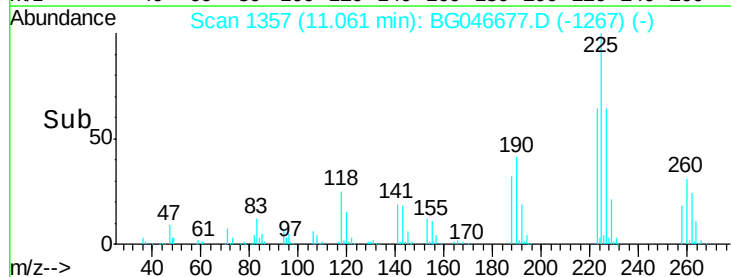
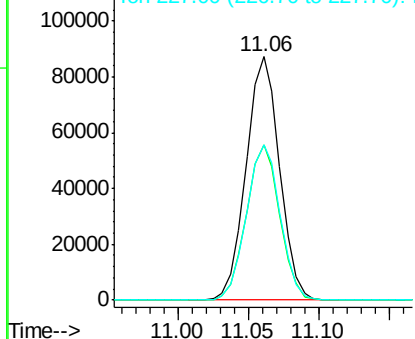


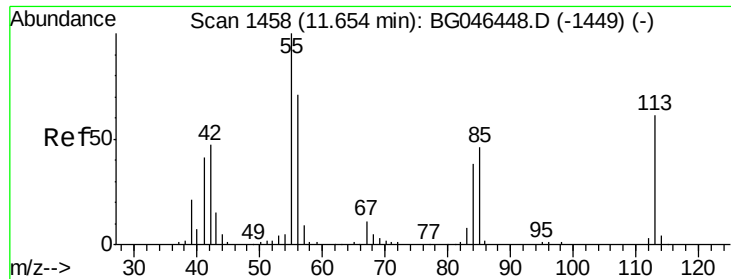
#34
Hexachlorobutadiene
Concen: 37.711 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:225	Resp:	144745
Ion	Ratio	Lower Upper
225	100	
223	63.9	49.5 74.3
227	63.7	52.0 78.0



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

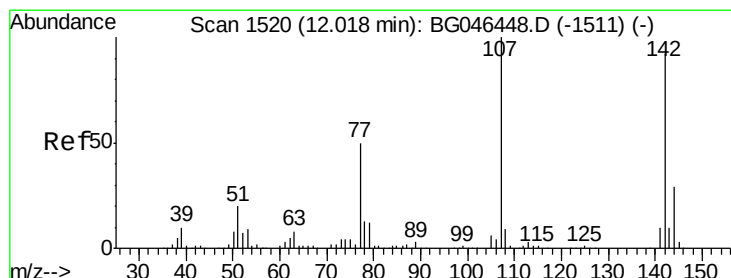
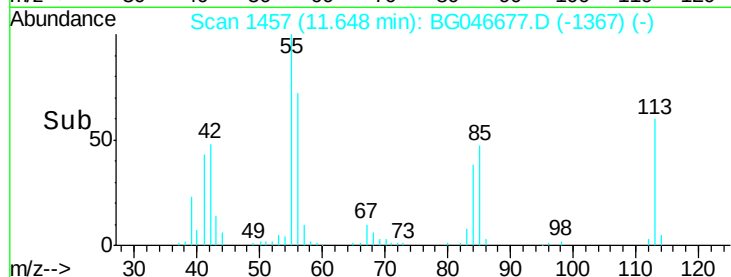
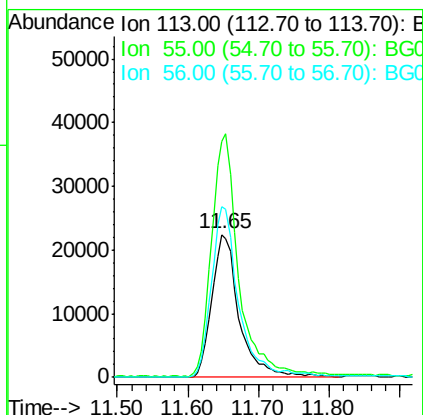
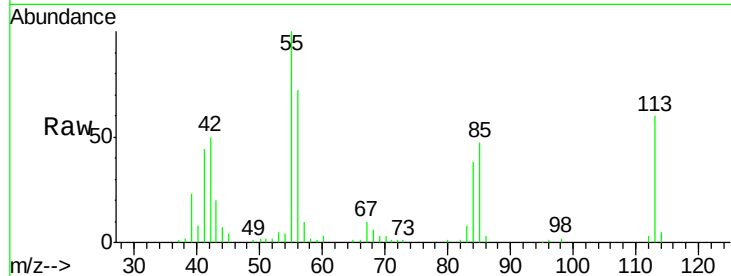




#35
 Caprolactam
 Concen: 32.297 ng
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

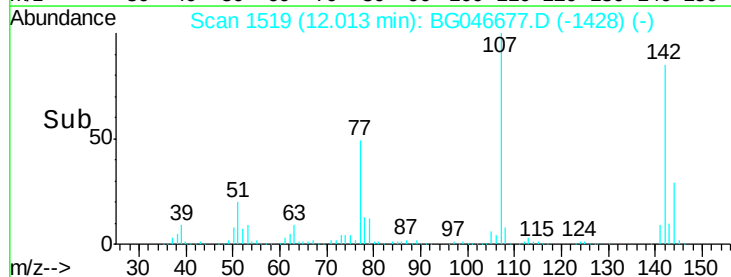
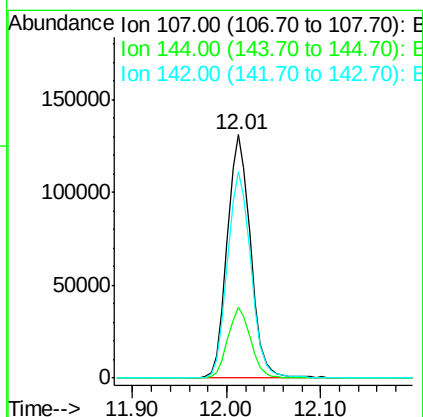
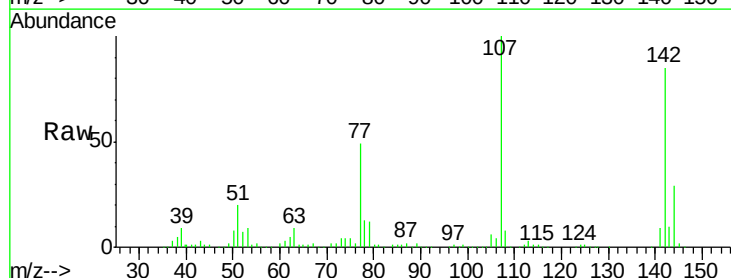
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

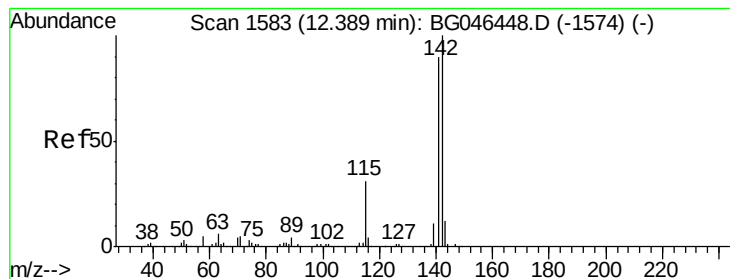
Tot Ion:113 Resp: 60162
 Ion Ratio Lower Upper
 113 100
 55 165.6 149.2 189.2
 56 119.7 107.2 147.2



#36
 4-Chloro-3-methylphenol
 Concen: 46.488 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion:107 Resp: 226583
 Ion Ratio Lower Upper
 107 100
 144 28.8 22.5 33.7
 142 84.9 70.8 106.2





#37

2-Methylnaphthalene

Concen: 43.339 ng

RT: 12.38 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

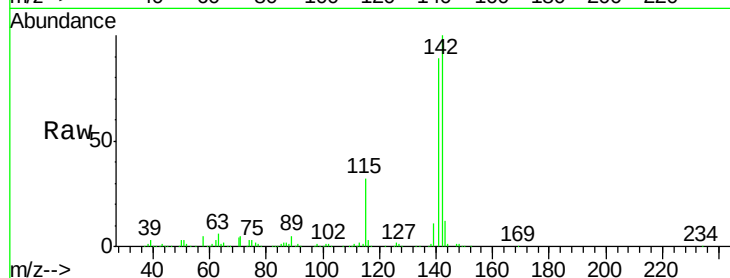
Tot Ion:142 Resp: 497371

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4

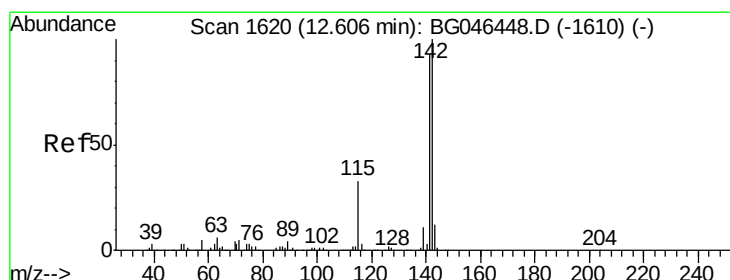
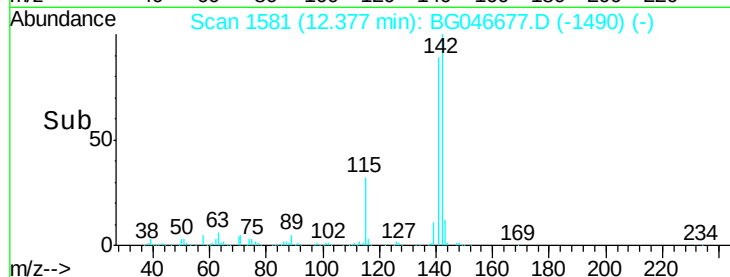
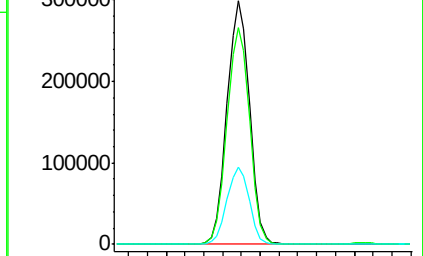
115 31.8 25.4 38.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.279 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

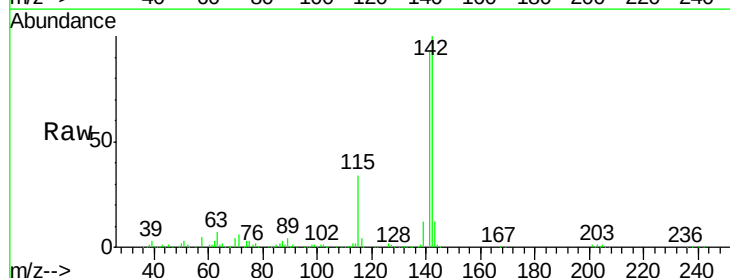
Tgt Ion:142 Resp: 470467

Ion Ratio Lower Upper

142 100

141 93.4 75.4 113.2

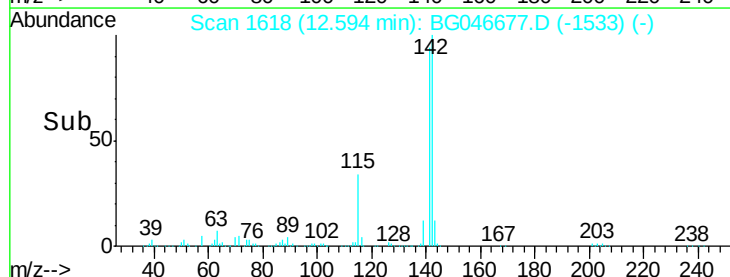
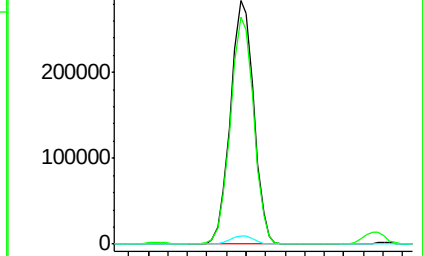
116 3.6 2.9 4.3

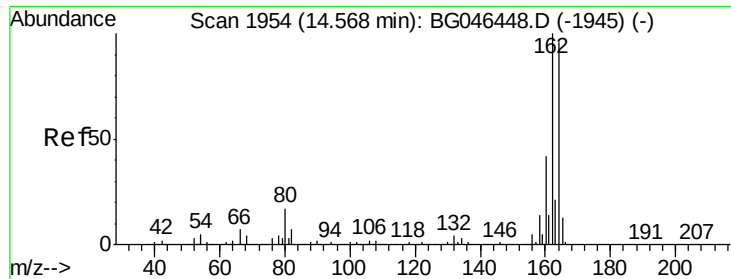


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

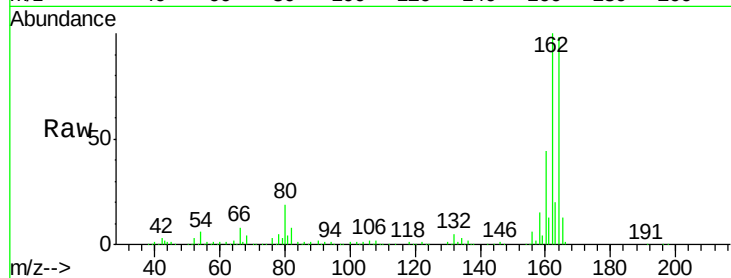
Tot Ion:164 Resp: 202816

Ion Ratio Lower Upper

164 100

162 101.7 82.3 123.5

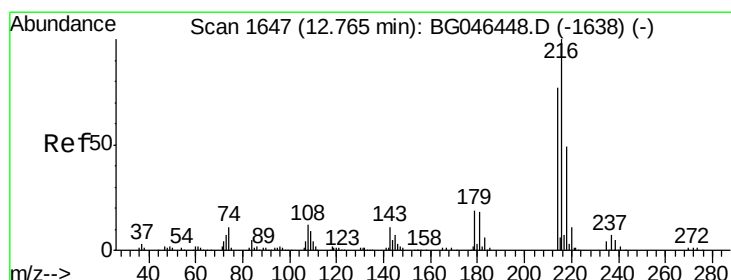
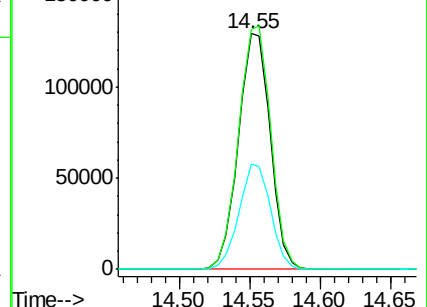
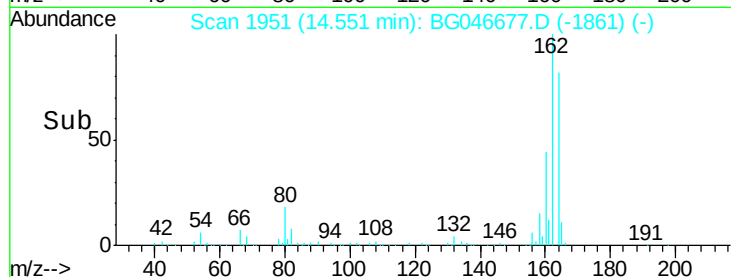
160 45.0 35.3 52.9



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: 45.073 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Tgt Ion:216 Resp: 301453

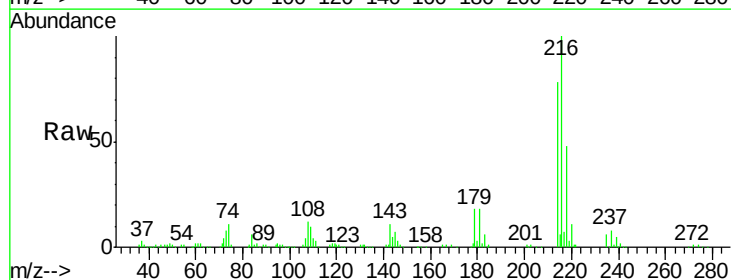
Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

179 18.7 14.8 22.2

108 14.4 10.2 15.4

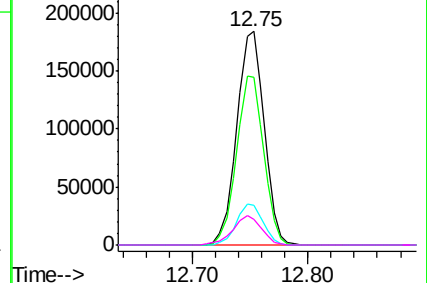
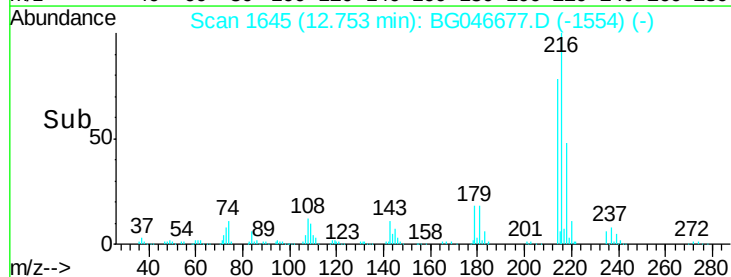


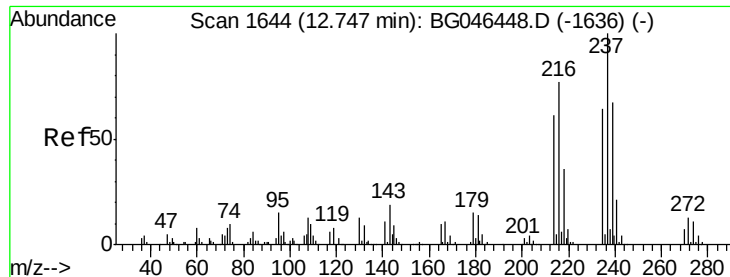
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.839 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

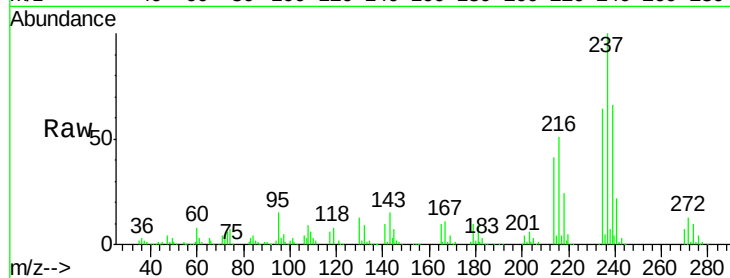
Tot Ion:237 Resp: 223460

Ion Ratio Lower Upper

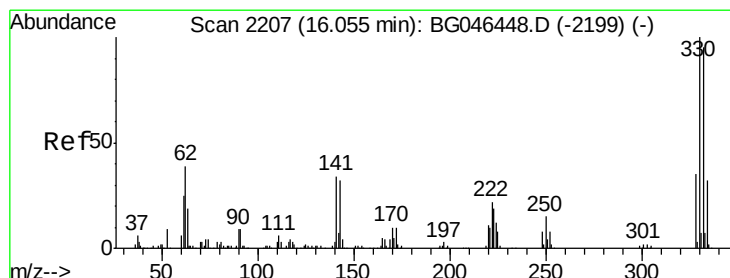
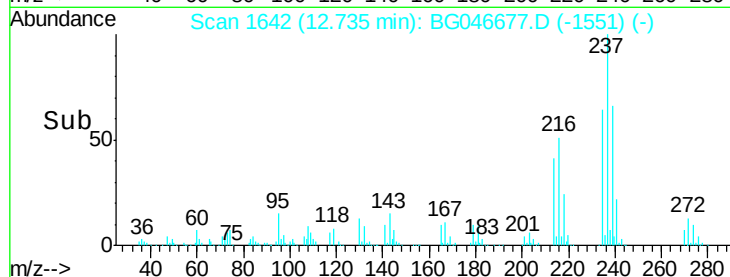
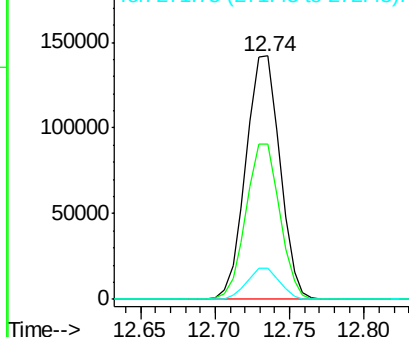
237 100

235 63.6 43.1 83.1

272 12.9 0.0 33.1



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



#42

2,4,6-Tribromophenol

Concen: 95.633 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

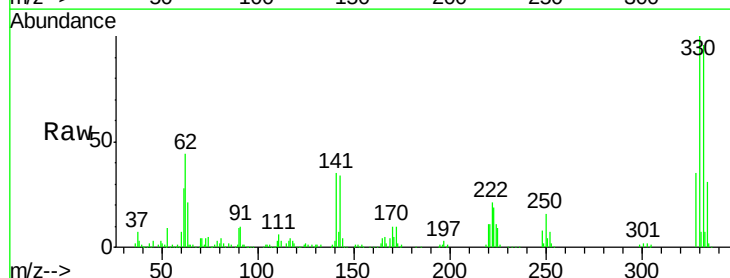
Tgt Ion:330 Resp: 262801

Ion Ratio Lower Upper

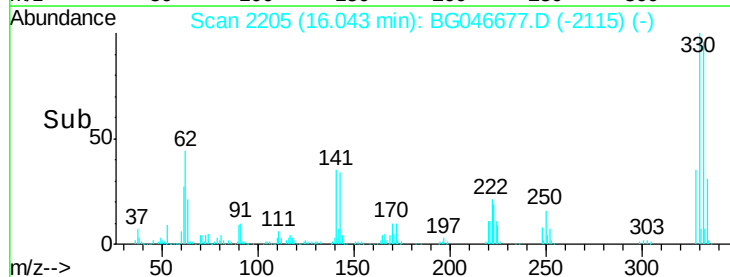
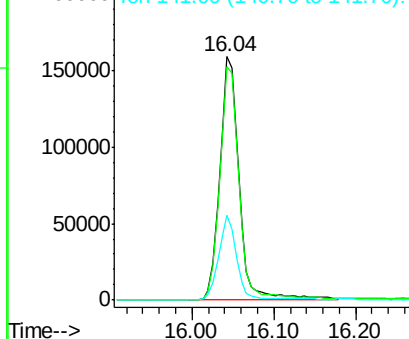
330 100

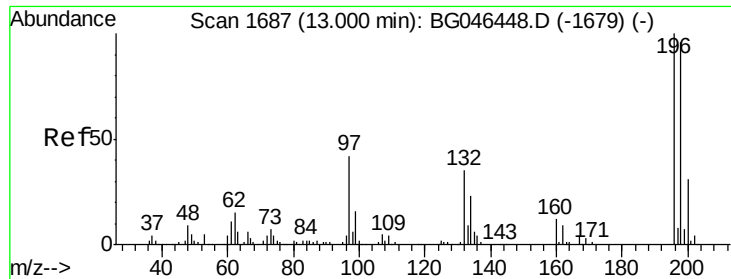
332 96.3 76.5 114.7

141 32.8 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

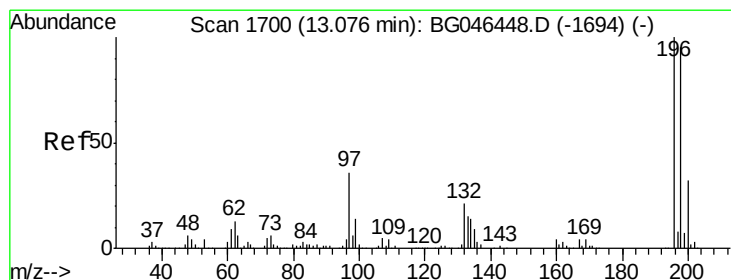
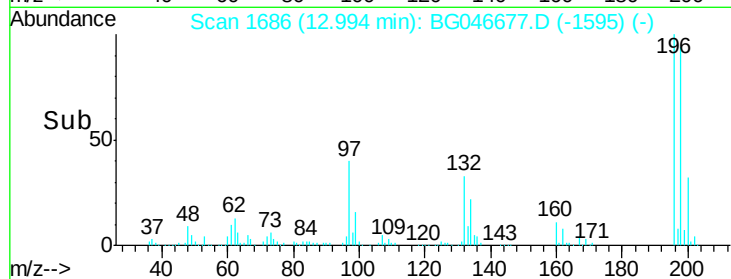
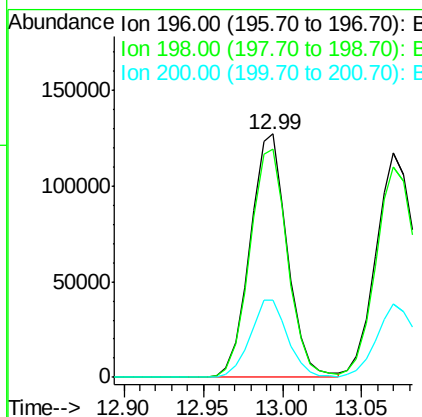
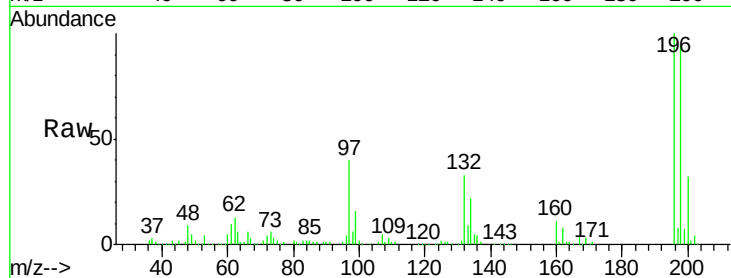




#43
 2,4,6-Trichlorophenol
 Concen: 45.872 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

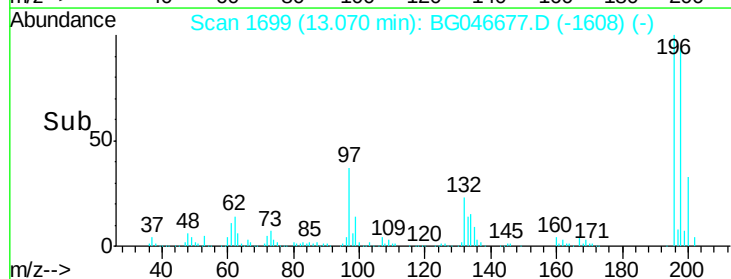
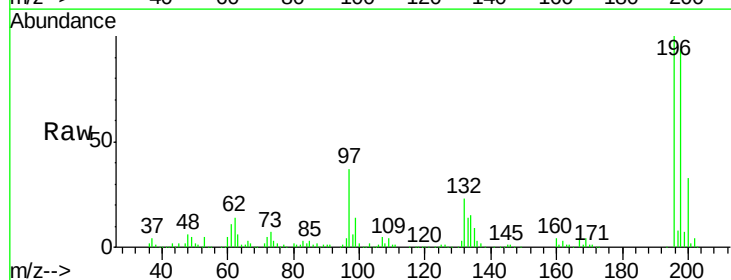
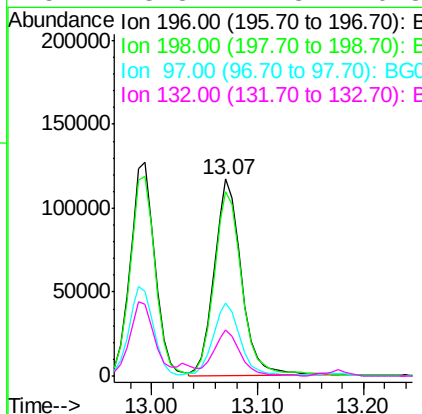
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

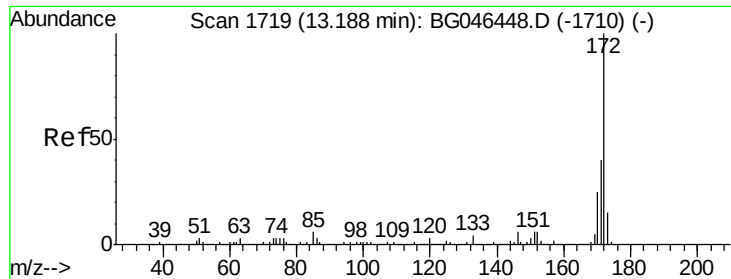
Tot Ion:196 Resp: 207038
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.9 112.3
 200 31.7 25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 44.216 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion:196 Resp: 209673
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.6 116.4
 97 37.0 28.6 43.0
 132 23.3 17.8 26.8

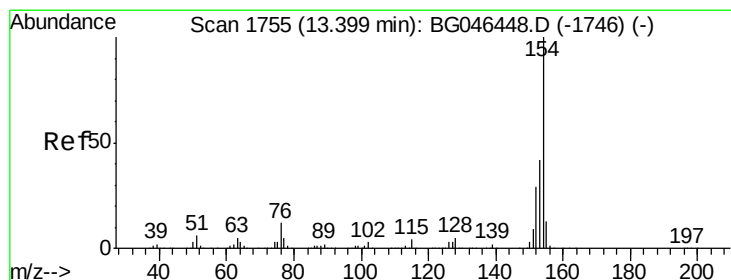
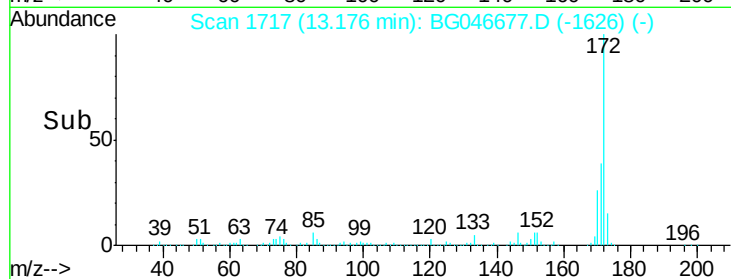
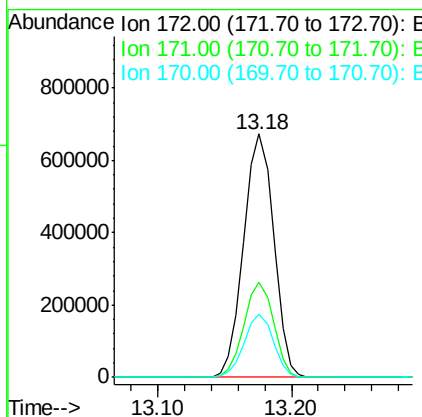
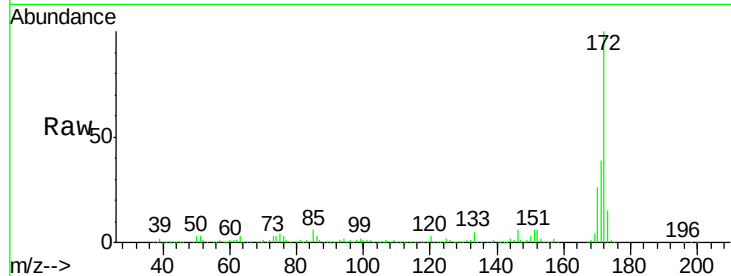




#45
2-Fluorobiphenyl
Concen: 79.017 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

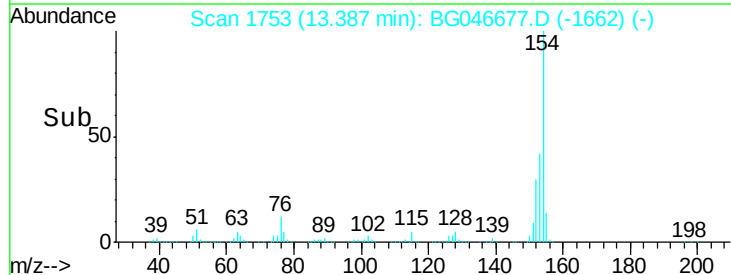
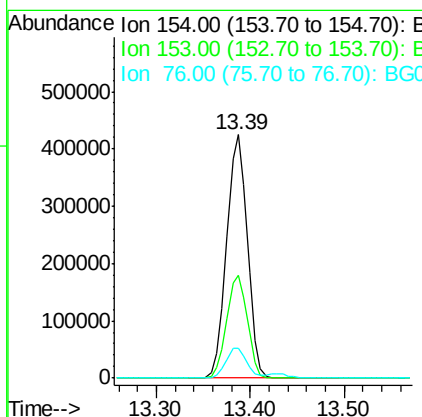
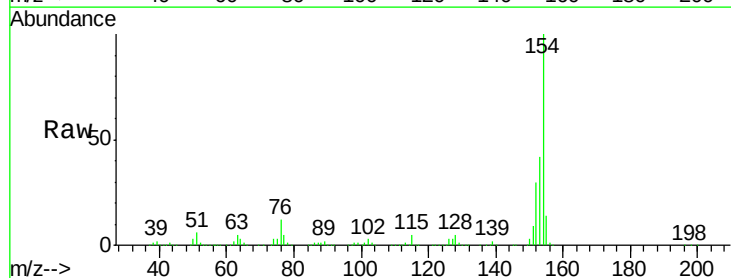
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

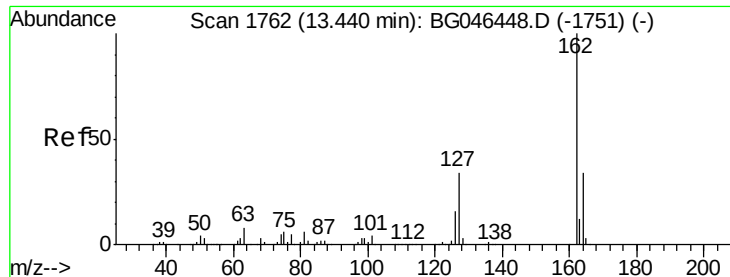
Tot Ion:172 Resp: 1049802
Ion Ratio Lower Upper
172 100
171 39.0 31.3 46.9
170 25.8 20.8 31.2



#46
1,1'-Biphenyl
Concen: 46.065 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:154 Resp: 650016
Ion Ratio Lower Upper
154 100
153 42.0 22.6 62.6
76 12.3 0.0 32.6

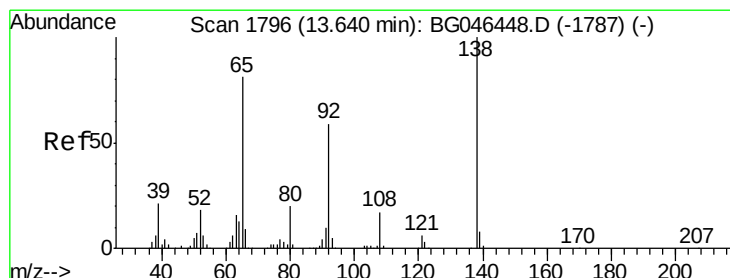
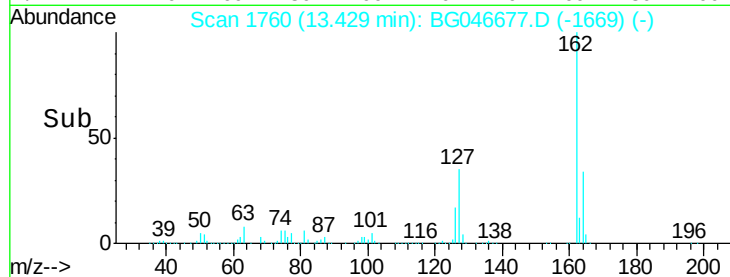
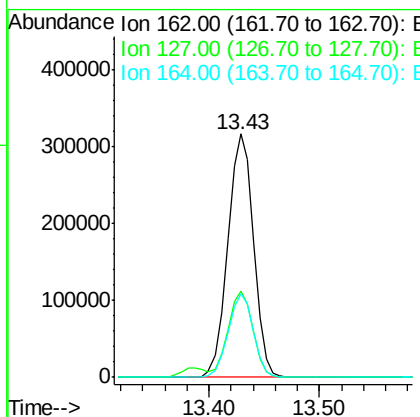
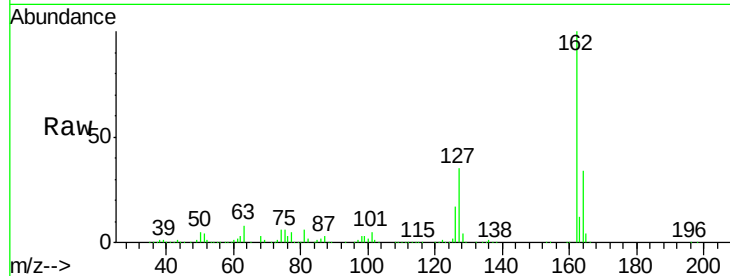




#47
 2-Chloronaphthalene
 Concen: 43.025 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

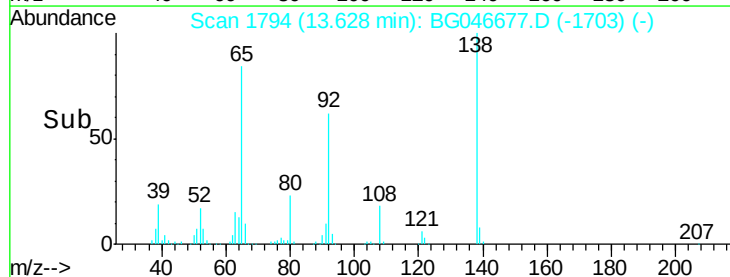
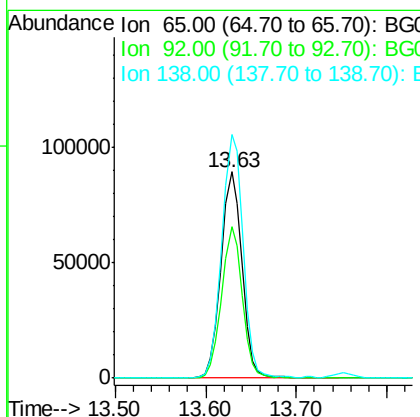
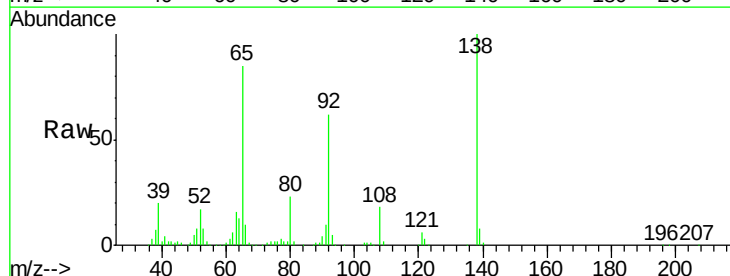
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

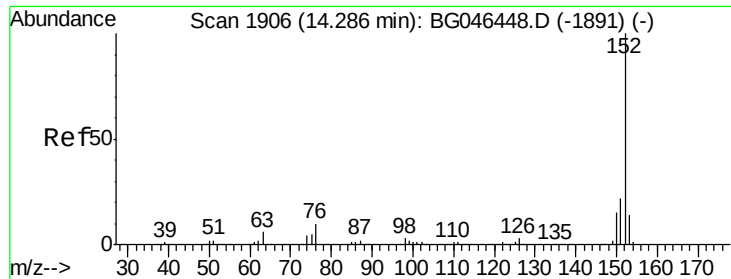
Tot Ion:162 Resp: 514753
 Ion Ratio Lower Upper
 162 100
 127 35.3 27.8 41.6
 164 34.3 27.0 40.4



#48
 2-Nitroaniline
 Concen: 43.330 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion: 65 Resp: 143947
 Ion Ratio Lower Upper
 65 100
 92 73.3 58.6 88.0
 138 118.1 98.2 147.4





#49

Acenaphthylene

Concen: 44.231 ng

RT: 14.27 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

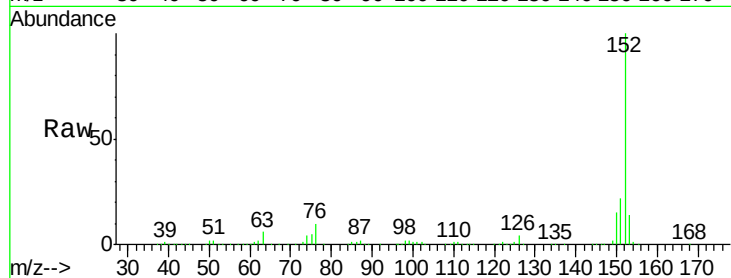
Tot Ion:152 Resp: 802729

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.0

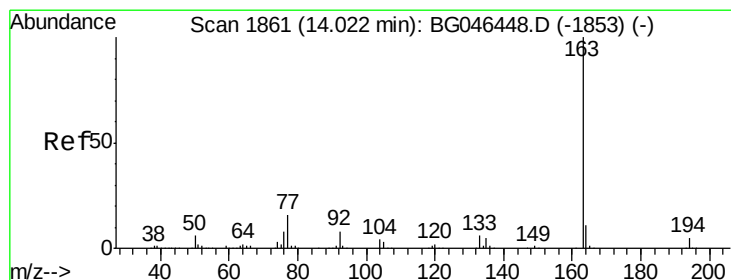
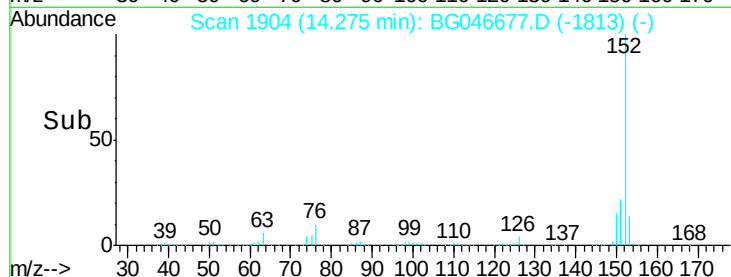
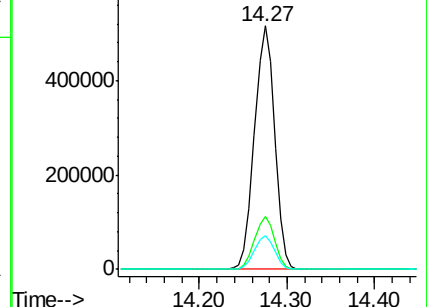
153 14.0 11.5 17.3



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: 42.015 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

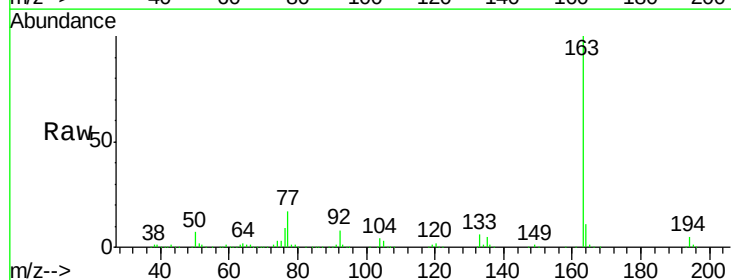
Tgt Ion:163 Resp: 659248

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

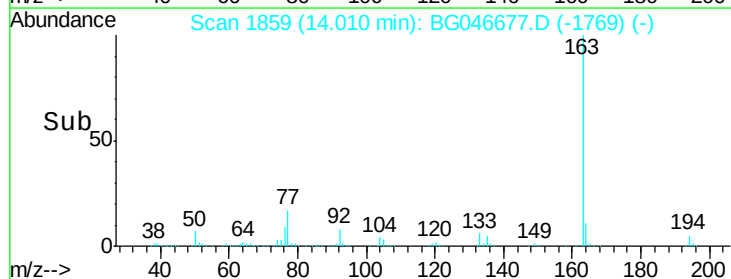
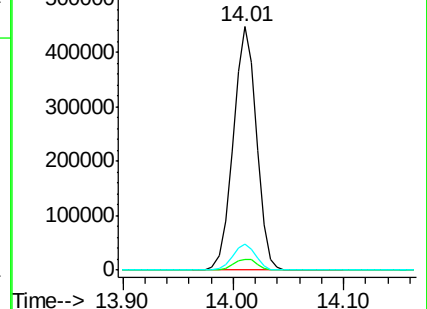
164 10.9 8.8 13.2

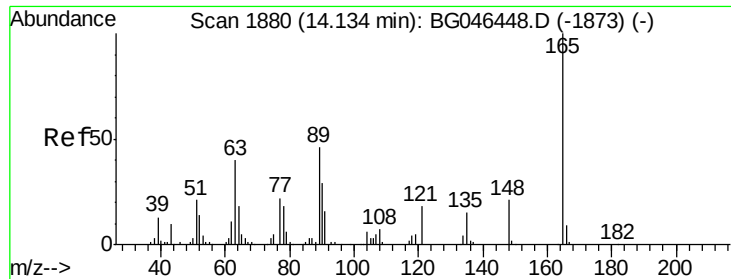


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.592 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

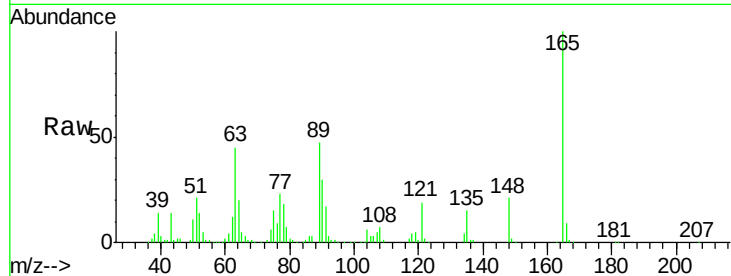
Tot Ion:165 Resp: 150775

Ion Ratio Lower Upper

165 100

63 44.7 33.7 50.5

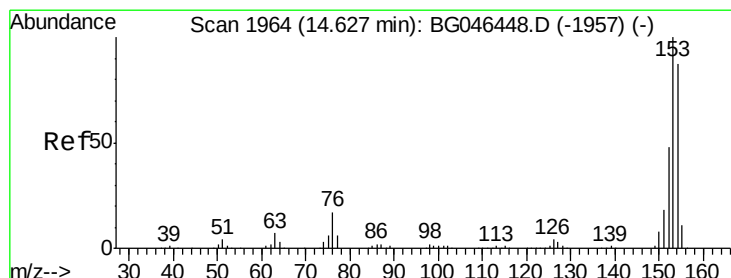
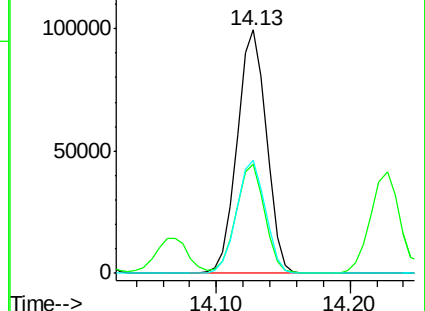
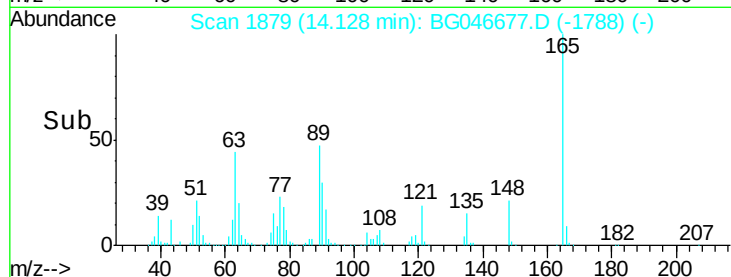
89 46.5 36.6 54.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.575 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

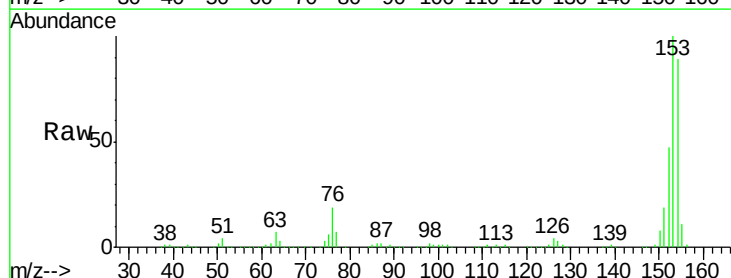
Tgt Ion:154 Resp: 490051

Ion Ratio Lower Upper

154 100

153 113.0 90.3 135.5

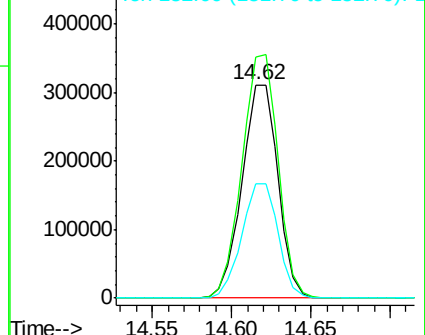
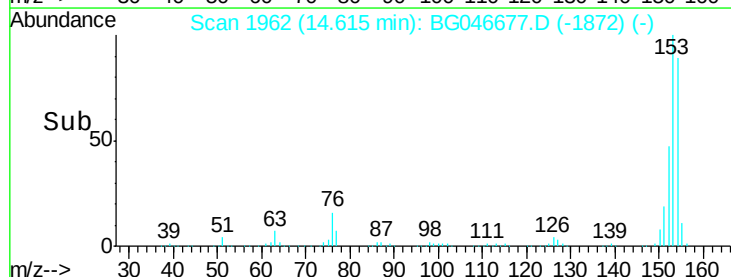
152 53.6 43.8 65.8

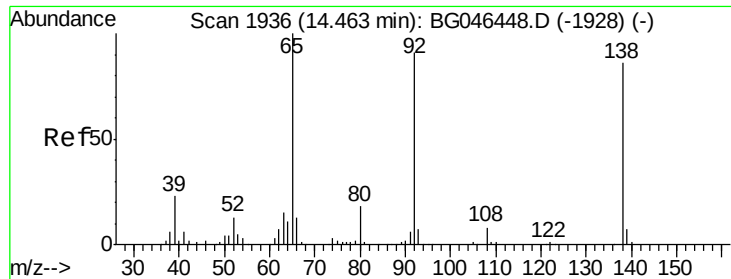


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.301 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

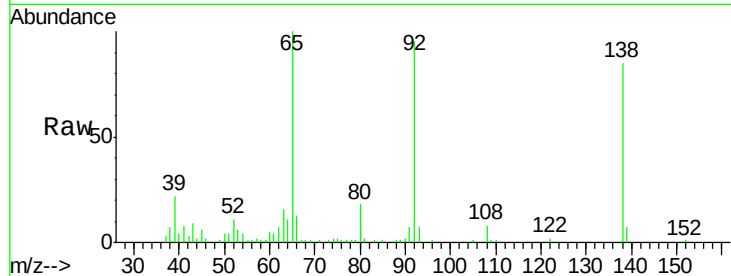
Tot Ion:138 Resp: 42339

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.0

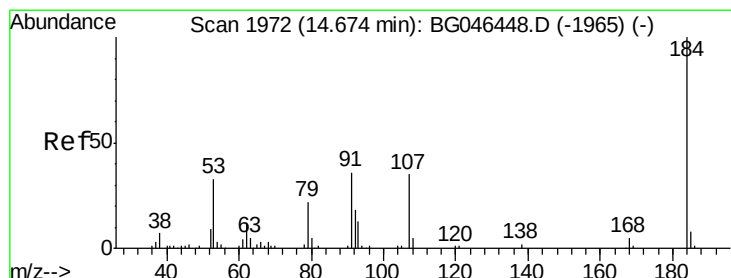
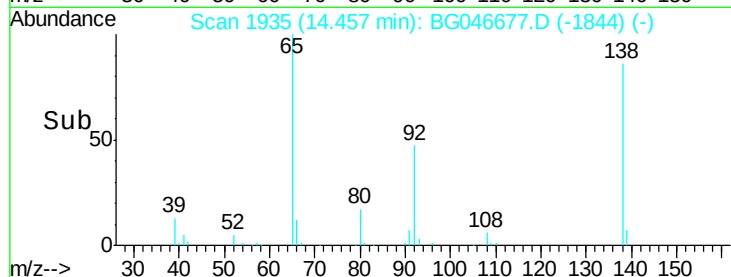
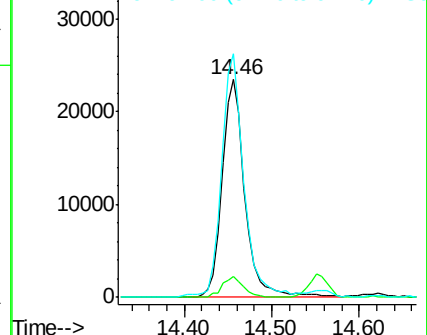
92 111.9 85.2 127.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 2.364 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.02 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

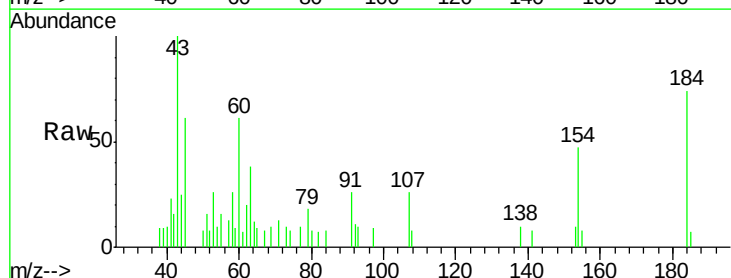
Tgt Ion:184 Resp: 4773

Ion Ratio Lower Upper

184 100

63 51.7 32.3 48.5#

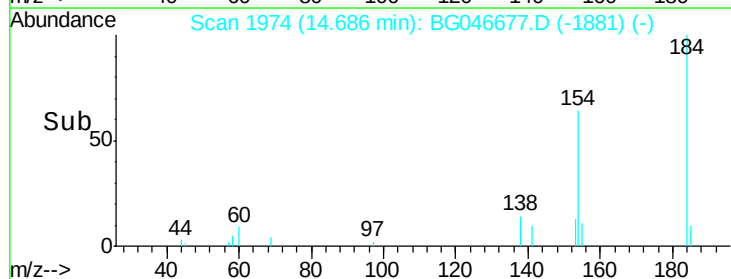
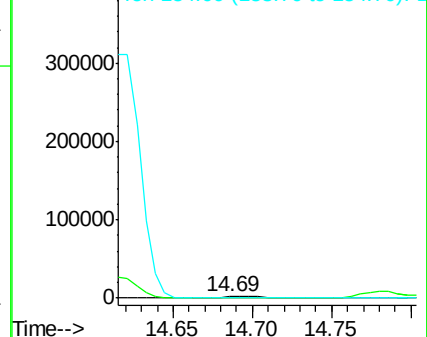
154 63.9 40.4 60.6#

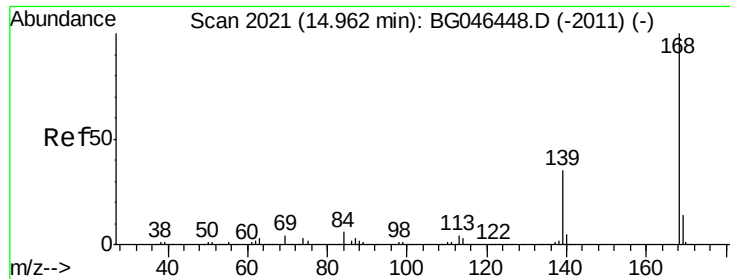


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

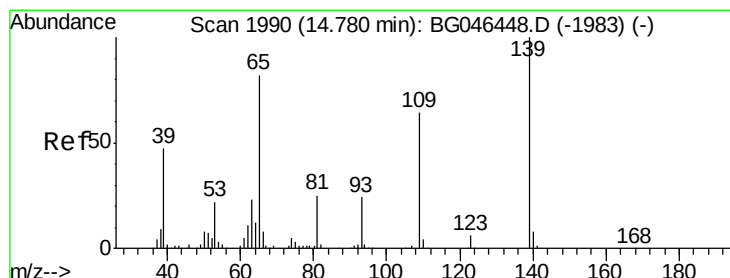
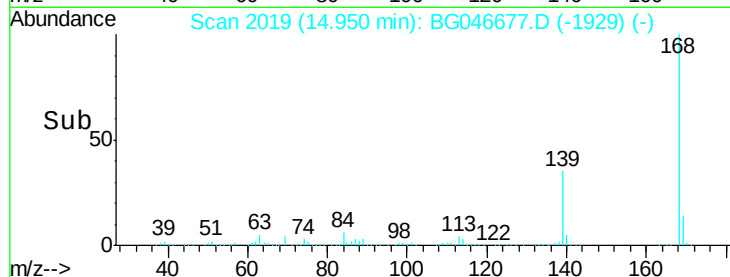
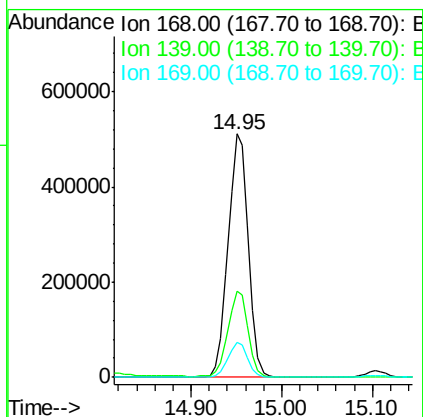
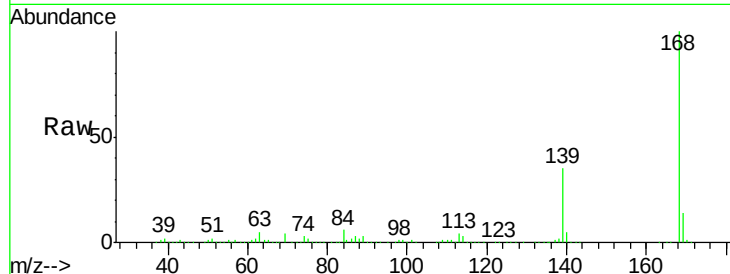




#55
Dibenzenofuran
Concen: 43.556 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

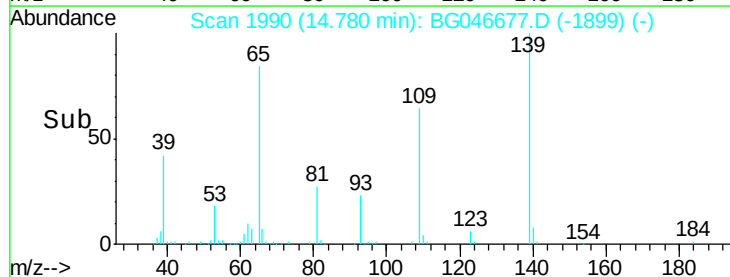
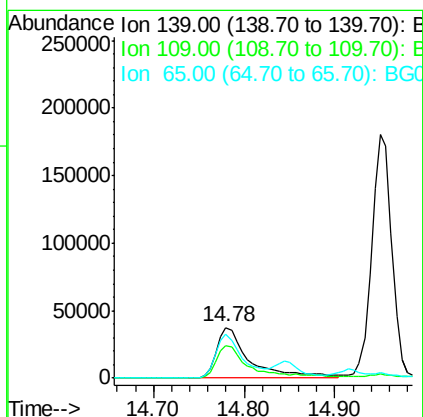
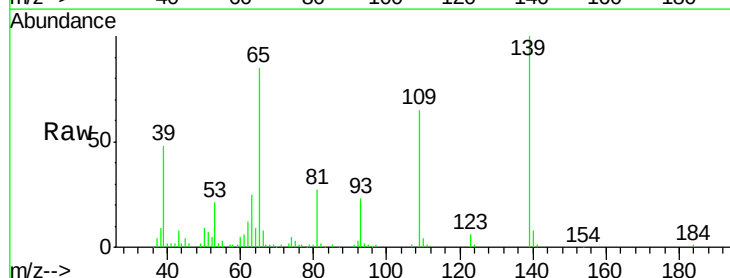
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

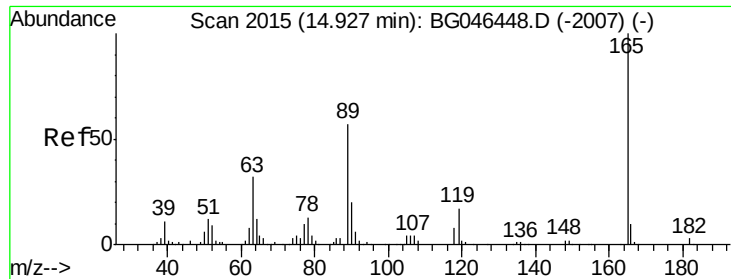
Tot Ion:168 Resp: 786121
Ion Ratio Lower Upper
168 100
139 35.3 28.6 43.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 34.434 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:139 Resp: 94945
Ion Ratio Lower Upper
139 100
109 64.8 45.9 85.9
65 85.2 65.4 105.4

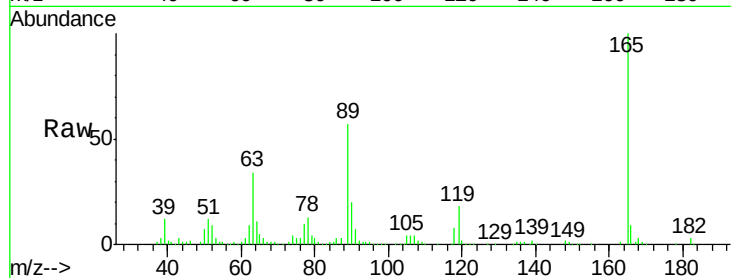




#57
2,4-Dinitrotoluene
Concen: 41.550 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:165	Resp:	204917
Ion	Ratio	Lower Upper
165	100	
63	33.9	26.4 39.6
89	56.8	47.8 71.8
182	2.9	2.6 4.0

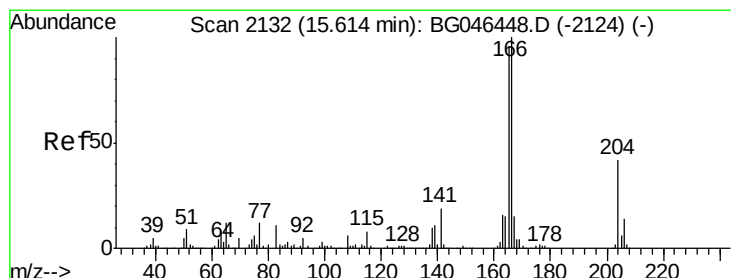
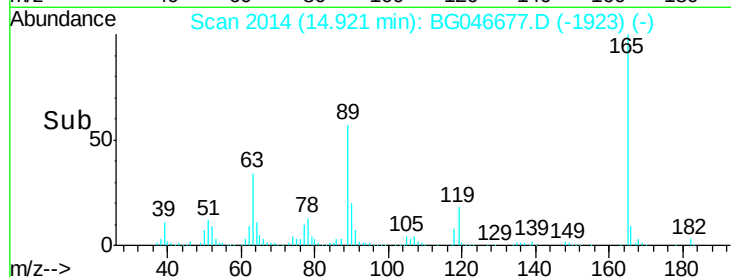
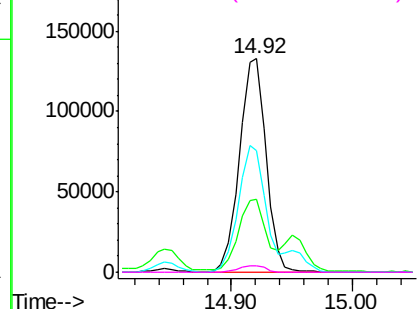


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

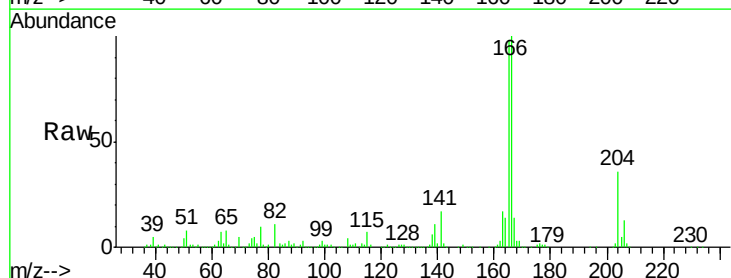
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.749 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

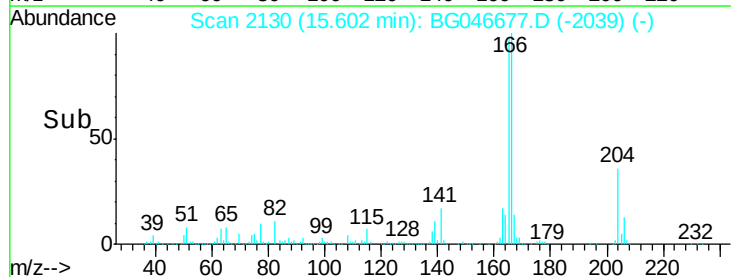
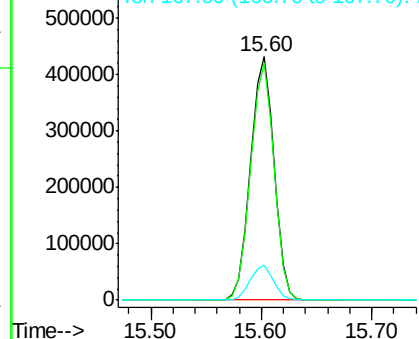
Tgt Ion:166	Resp:	647565
Ion	Ratio	Lower Upper
166	100	
165	97.5	77.2 115.8
167	14.3	11.4 17.2

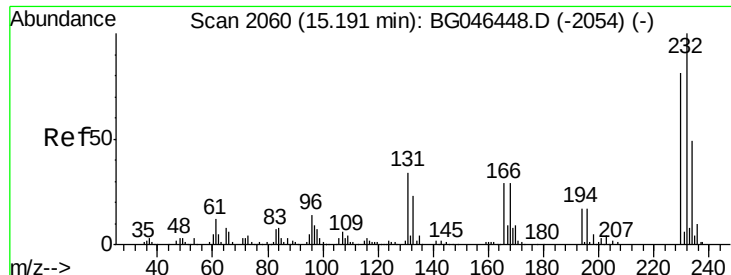


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

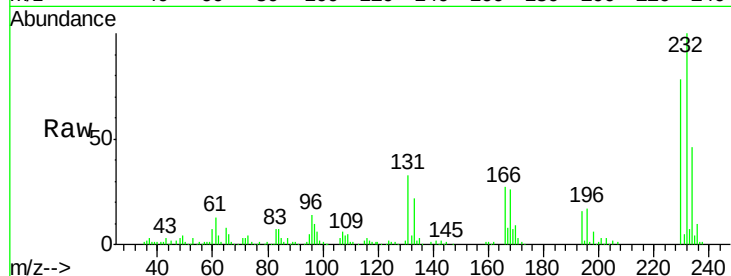




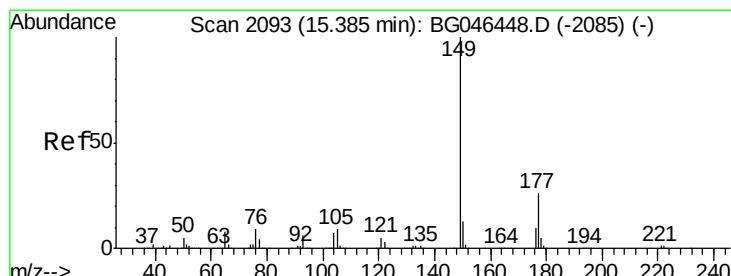
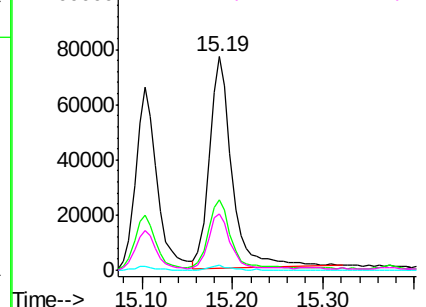
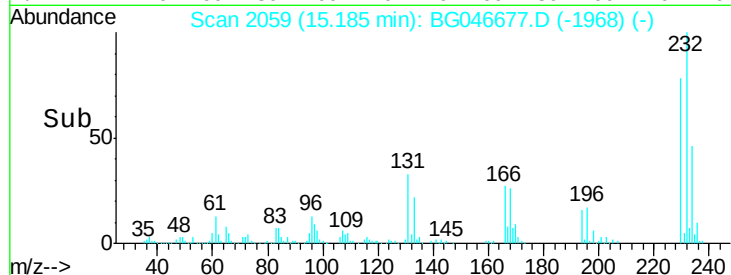
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.732 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

Tot Ion:	232	Resp:	132306
Ion	Ratio	Lower	Upper
232	100		
131	33.1	26.6	40.0
130	1.9	1.4	2.0
166	26.0	21.0	31.6

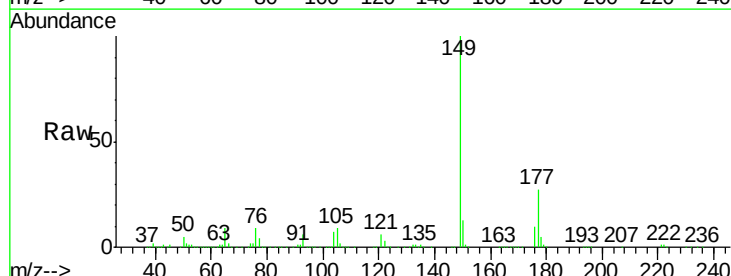


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

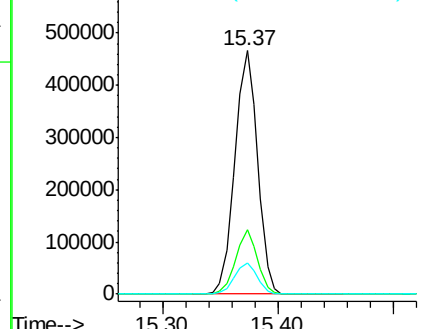
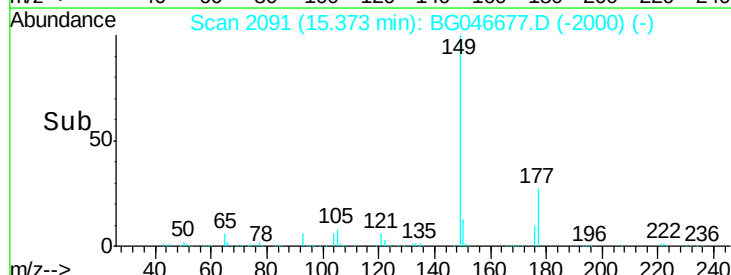


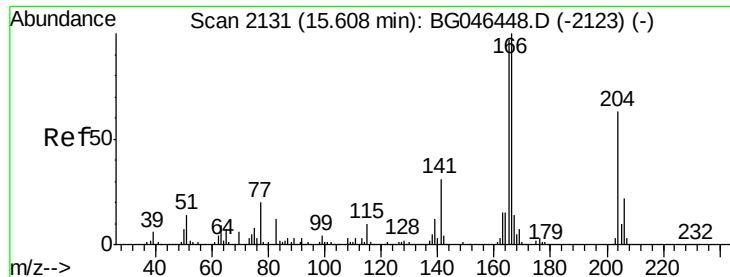
#60
 Diethylphthalate
 Concen: 41.314 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion:	149	Resp:	632036
Ion	Ratio	Lower	Upper
149	100		
177	26.7	21.4	32.2
150	12.9	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

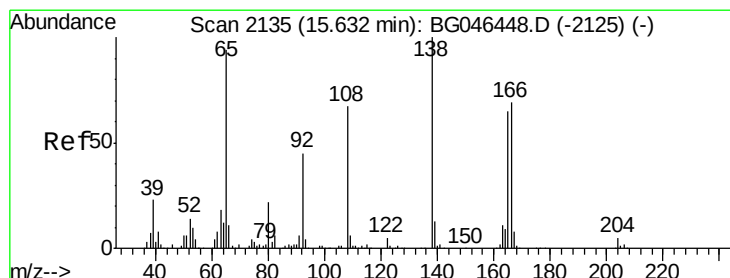
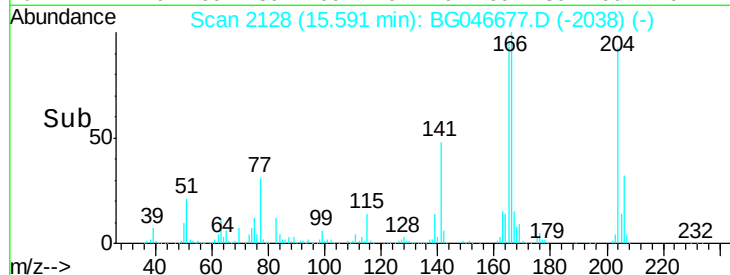
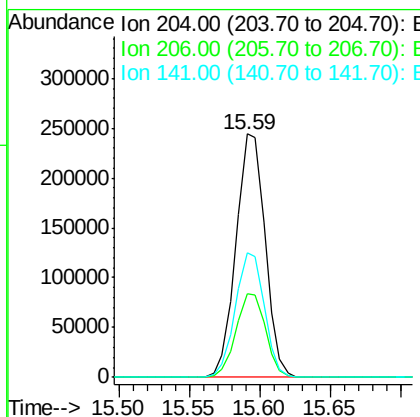
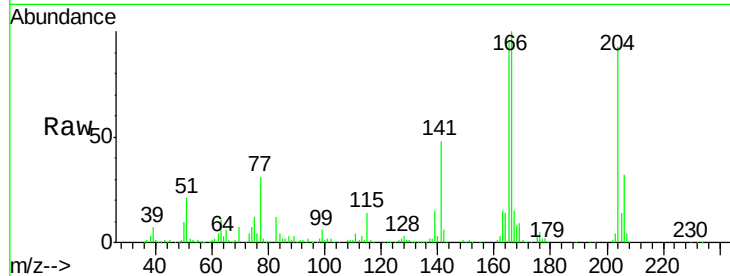




#61
4-Chlorophenyl-phenylether
Concen: 42.135 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

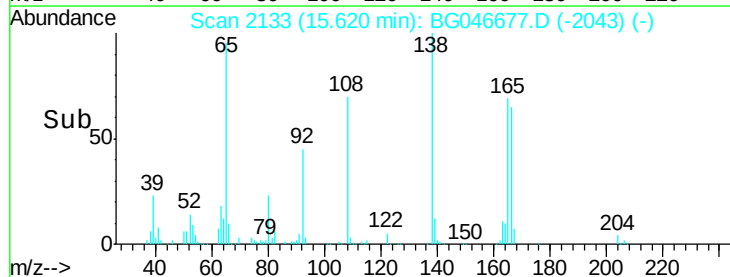
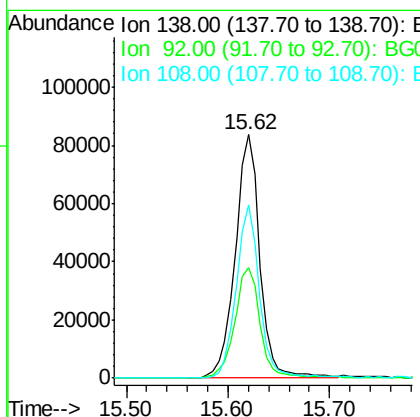
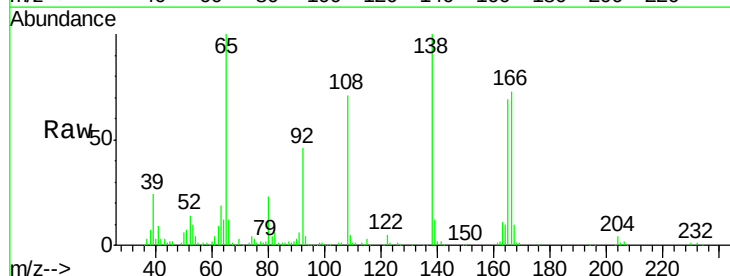
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

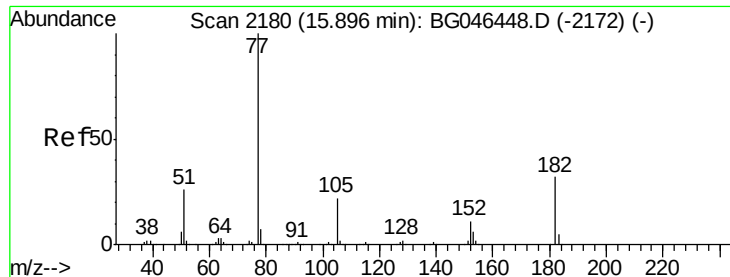
Tot Ion:204 Resp: 351515
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.8
141 51.3 41.5 62.3



#62
4-Nitroaniline
Concen: 35.801 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:138 Resp: 141530
Ion Ratio Lower Upper
138 100
92 45.6 26.9 66.9
108 71.1 49.4 89.4





#63

Azobenzene

Concen: 43.241 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

Tot Ion: 77 Resp: 538107

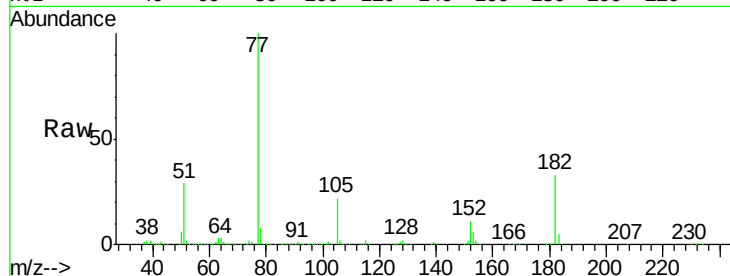
Ion Ratio Lower Upper

77 100

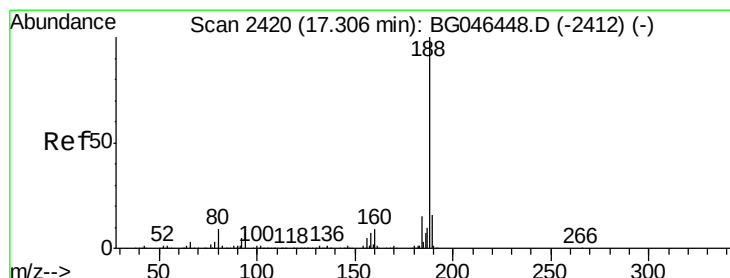
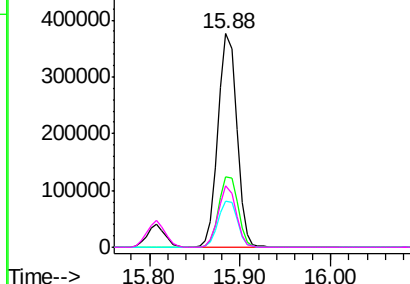
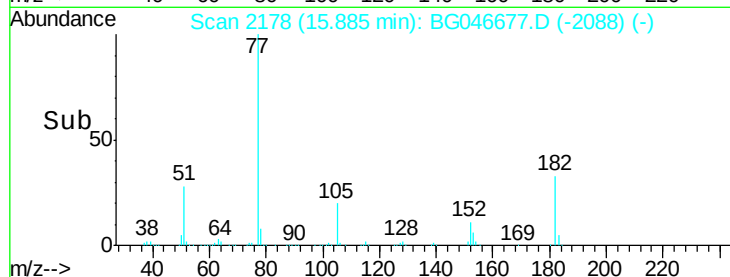
182 33.1 14.0 54.0

105 21.9 3.0 43.0

51 28.6 8.1 48.1



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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

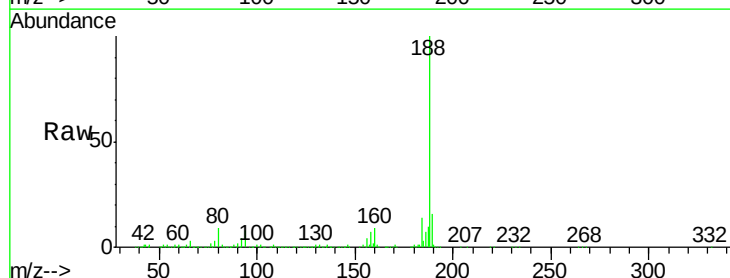
Tgt Ion: 188 Resp: 437741

Ion Ratio Lower Upper

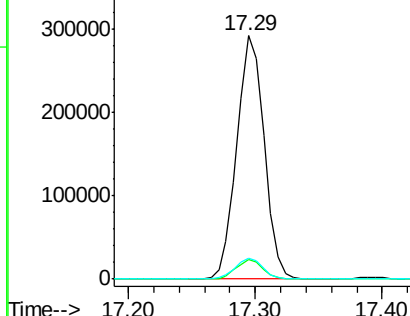
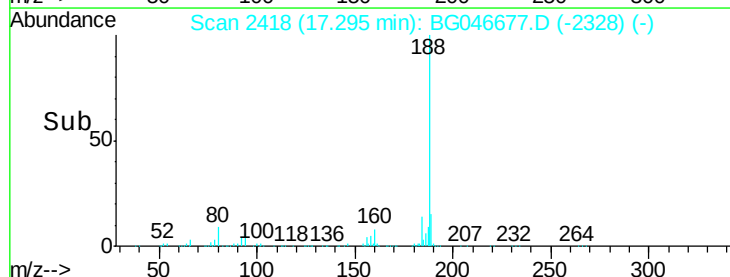
188 100

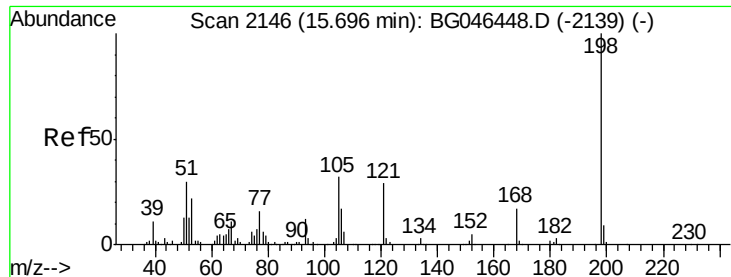
94 7.8 6.3 9.5

80 8.7 7.0 10.6



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: 8.123 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

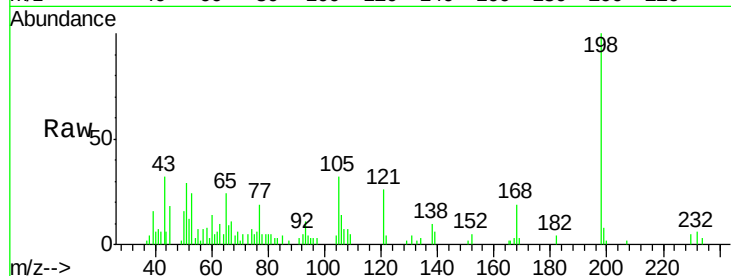
BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

Tot Ion:198 Resp: 20125

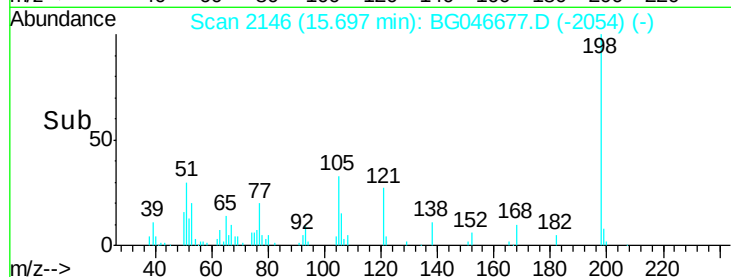
Ion	Ratio	Lower	Upper
198	100		
51	28.6	10.4	50.4
105	31.8	12.9	52.9



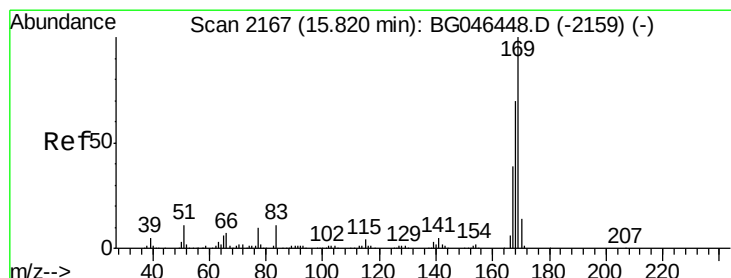
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046677.D (-2054) (-)

Ion 105.00 (104.70 to 105.70): E



Time--> 15.60 15.70 15.80



#66

n-Nitrosodiphenylamine

Concen: 48.309 ng

RT: 15.81 min Scan# 2165

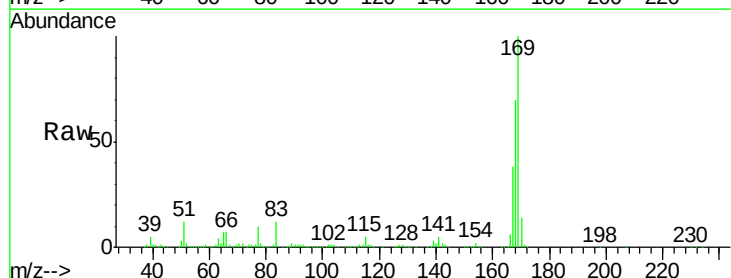
Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Tgt Ion:169 Resp: 570495

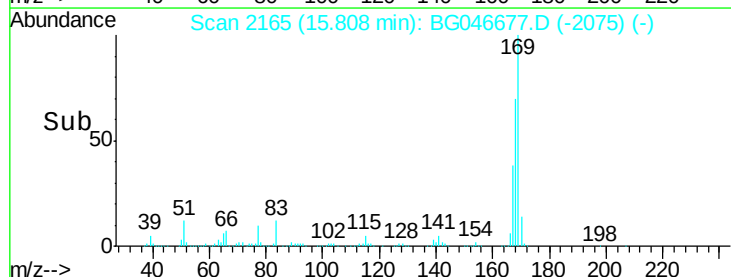
Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.5	83.3
167	38.1	30.5	45.7



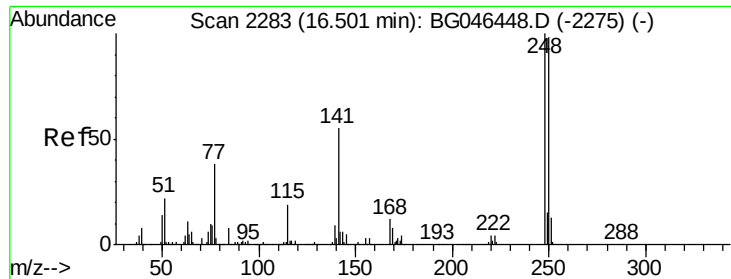
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.70 15.80 15.90



#67

4-Bromophenyl-phenylether

Concen: 46.382 ng

RT: 16.49 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

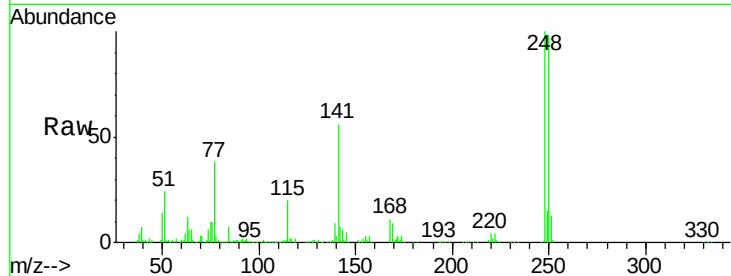
Tot Ion:248 Resp: 236874

Ion Ratio Lower Upper

248 100

250 97.9 78.9 118.3

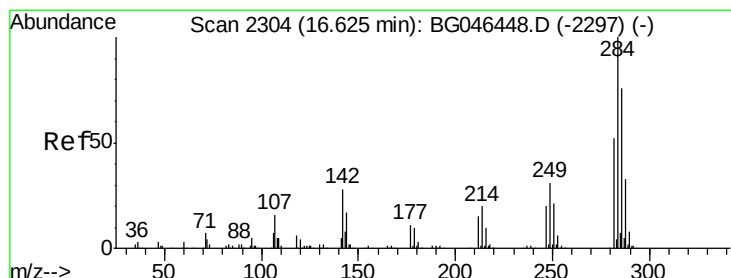
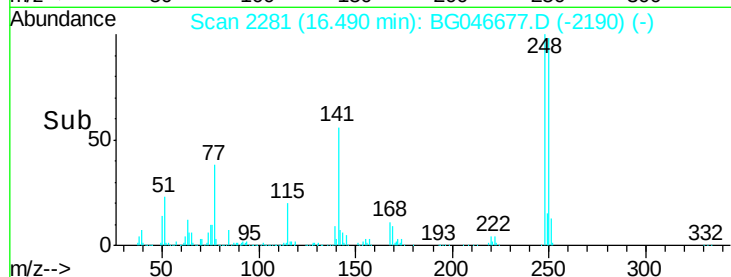
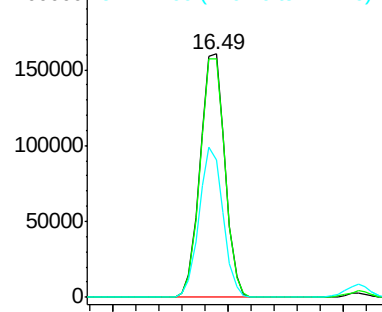
141 56.3 46.2 69.4



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: 43.864 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

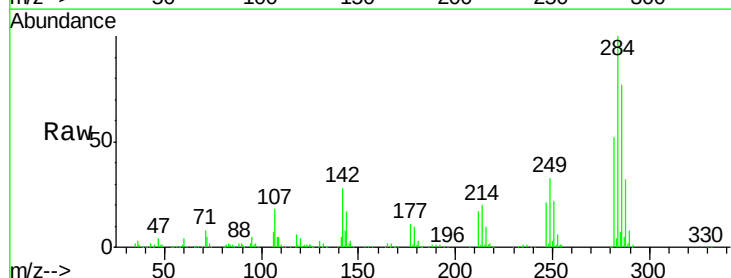
Tgt Ion:284 Resp: 248093

Ion Ratio Lower Upper

284 100

142 28.1 21.1 31.7

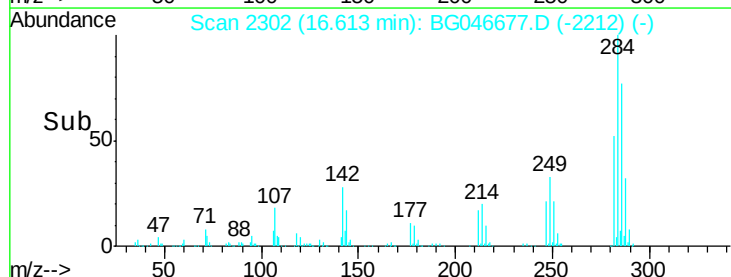
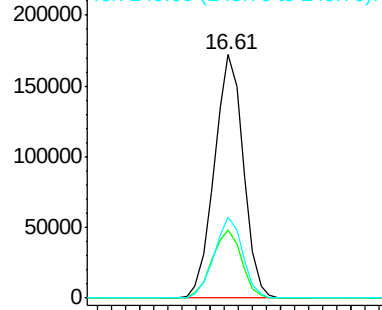
249 33.3 25.9 38.9

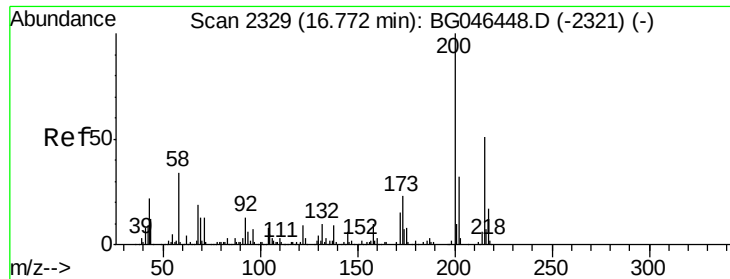


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.563 ng

RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

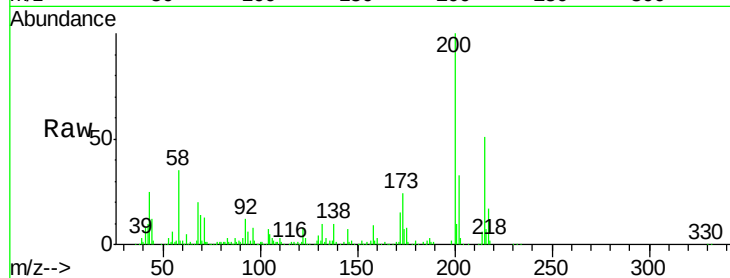
Tot Ion:200 Resp: 161697

Ion Ratio Lower Upper

200 100

173 24.1 4.2 44.2

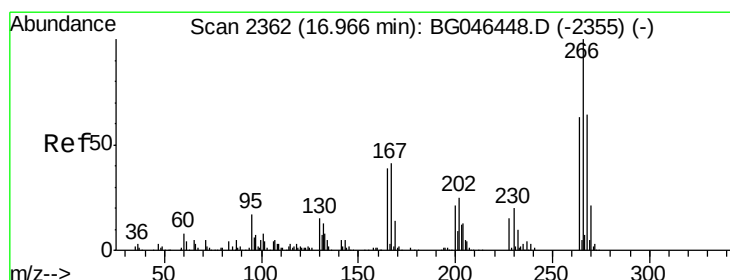
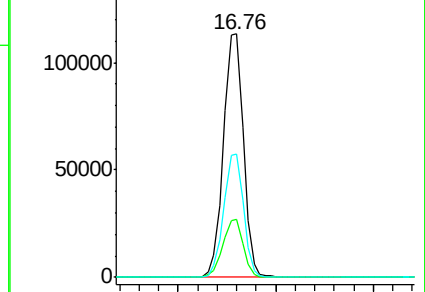
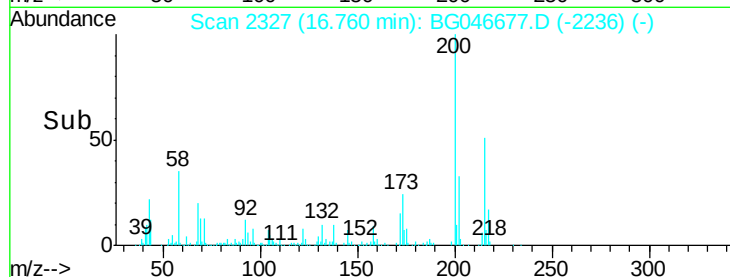
215 50.9 30.0 70.0



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: 2.459 ng

RT: 16.98 min Scan# 2365

Delta R.T. 0.03 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

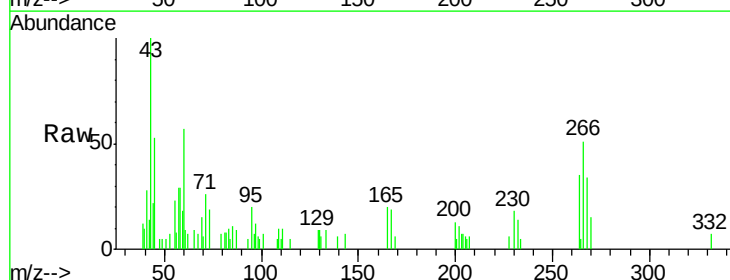
Tgt Ion:266 Resp: 7266

Ion Ratio Lower Upper

266 100

268 65.4 49.8 74.6

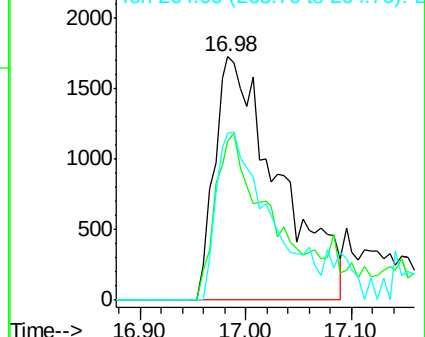
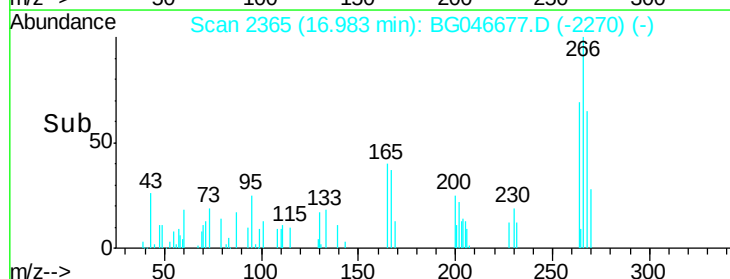
264 68.7 49.3 73.9

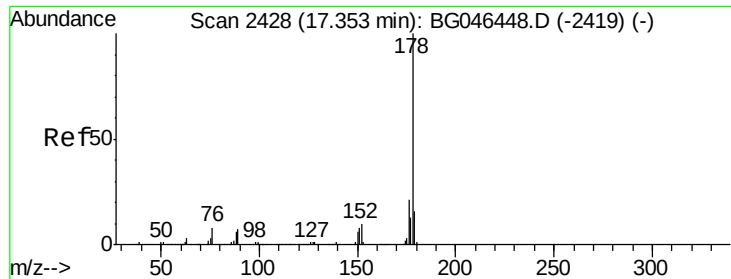


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

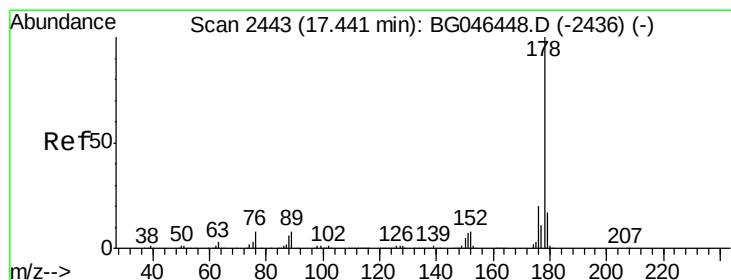
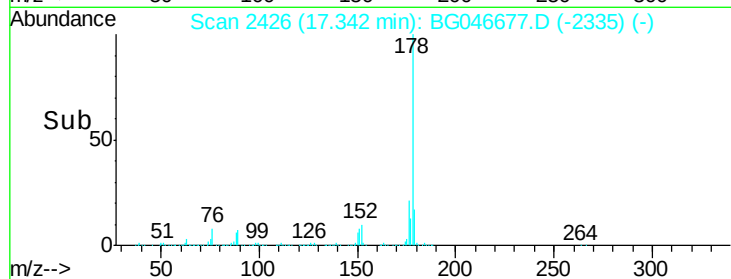
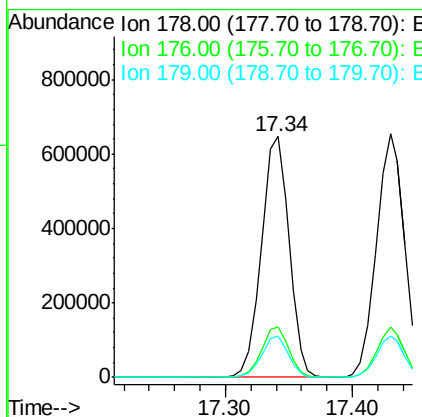
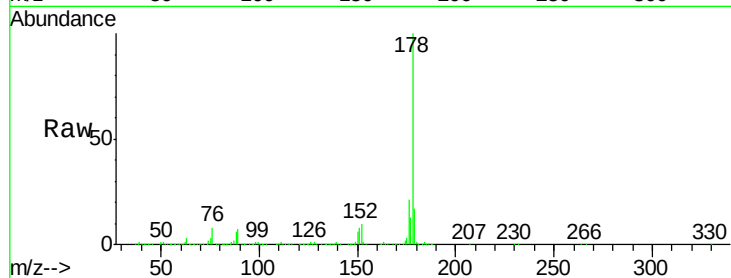




#71
Phenanthrene
Concen: 44.445 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

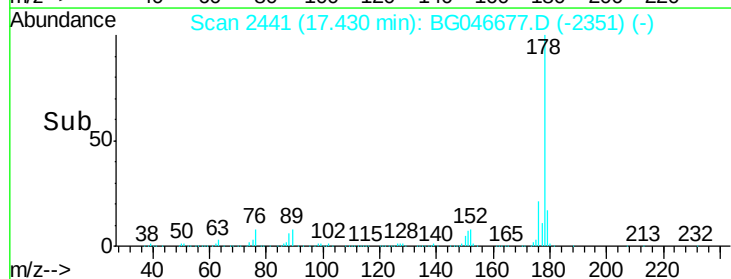
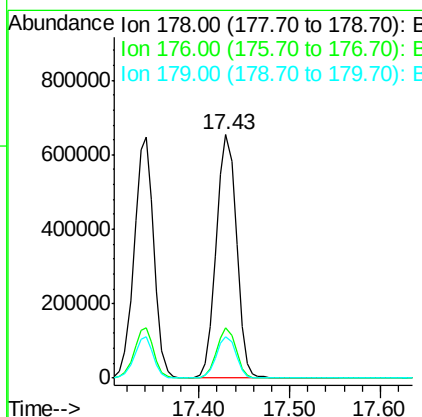
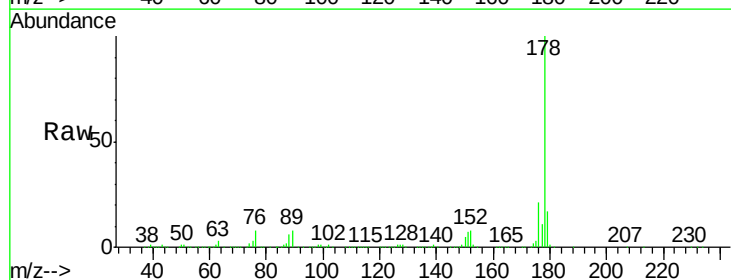
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

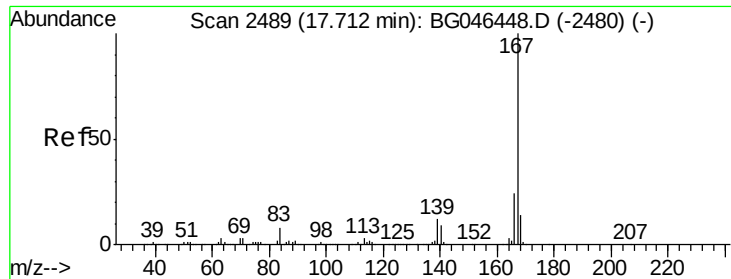
Tot Ion:178 Resp: 986127
Ion Ratio Lower Upper
178 100
176 21.0 16.7 25.1
179 17.2 14.0 21.0



#72
Anthracene
Concen: 46.220 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:178 Resp: 1011819
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 17.1 13.8 20.6





#73

Carbazole

Concen: 43.401 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

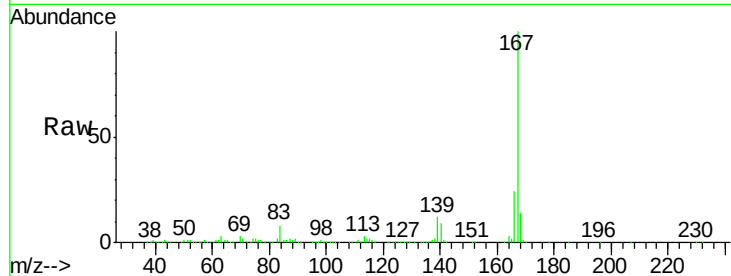
Tot Ion:167 Resp: 897051

Ion Ratio Lower Upper

167 100

166 23.9 18.7 28.1

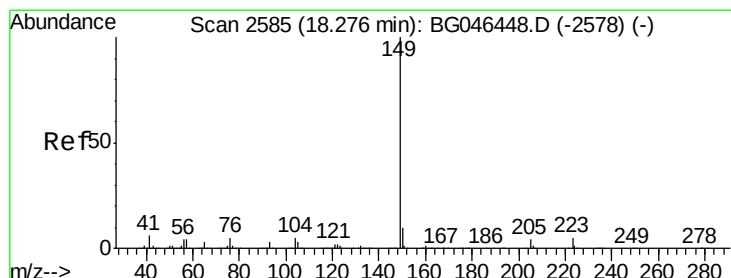
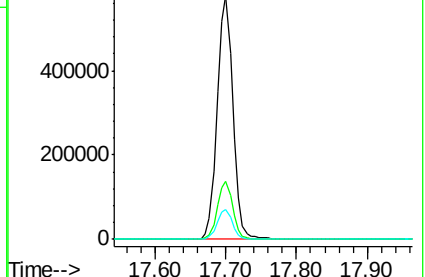
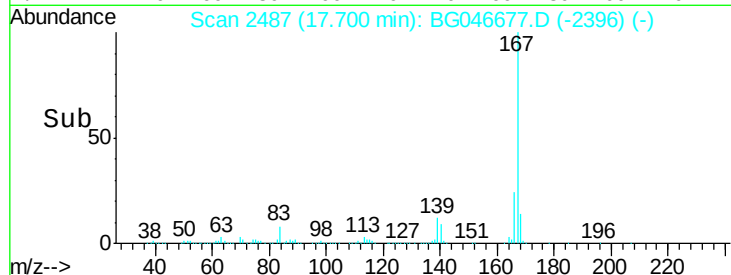
139 12.1 9.6 14.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.478 ng

RT: 18.26 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

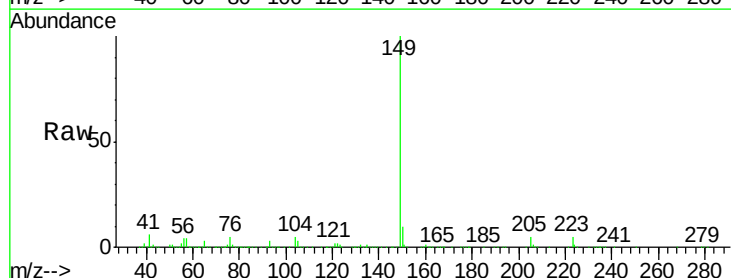
Tgt Ion:149 Resp: 1009568

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.4

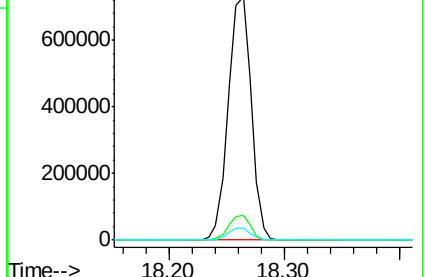
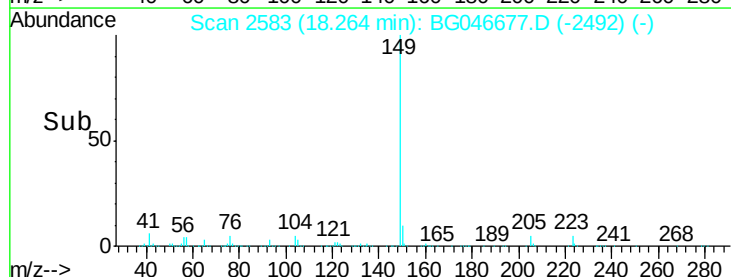
104 4.8 3.8 5.8

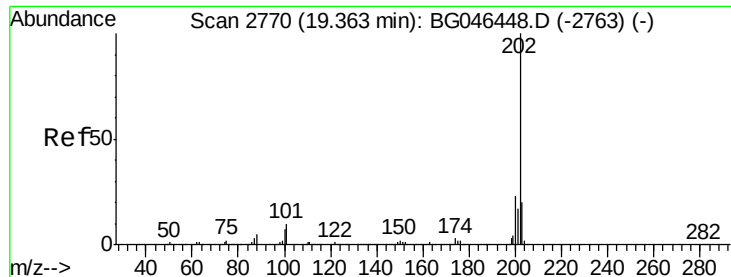


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.265 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

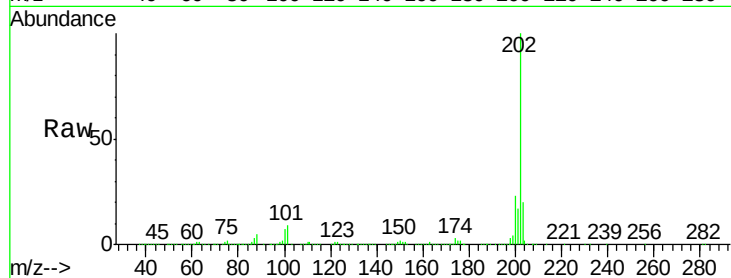
Tot Ion:202 Resp: 1178248

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

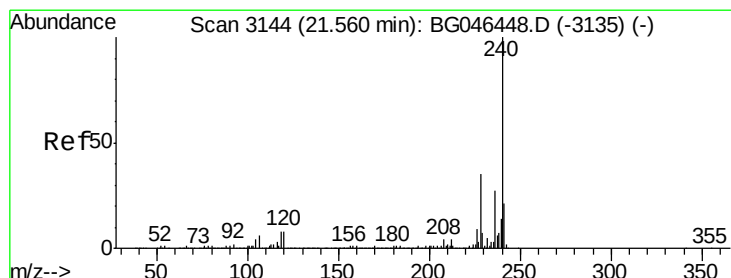
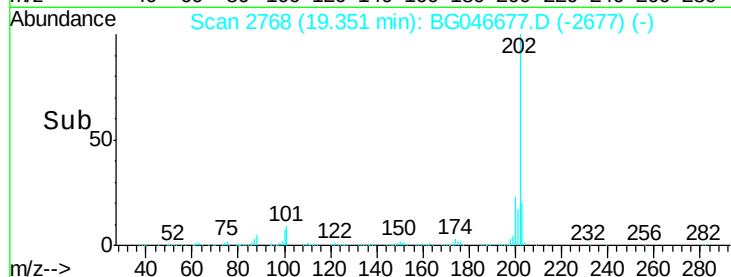
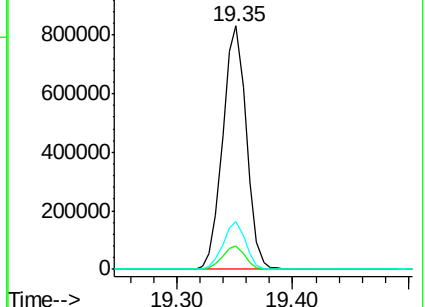
203 19.7 0.0 39.2



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: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

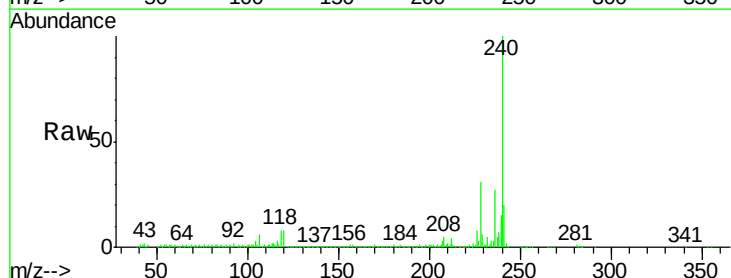
Tgt Ion:240 Resp: 412321

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.4

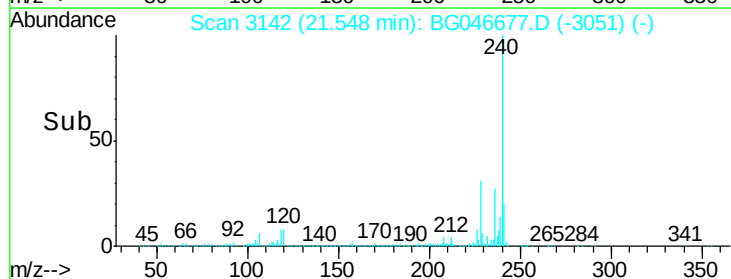
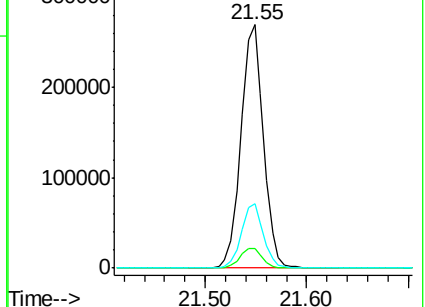
236 26.5 20.5 30.7

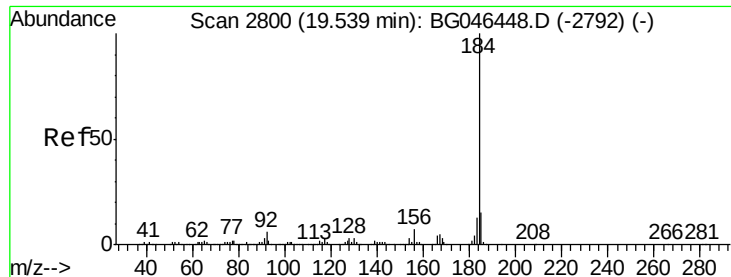


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.307 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

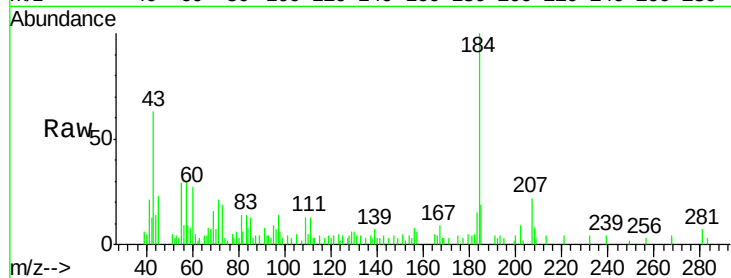
Tot Ion:184 Resp: 22100

Ion Ratio Lower Upper

184 100

185 18.8 12.4 18.6#

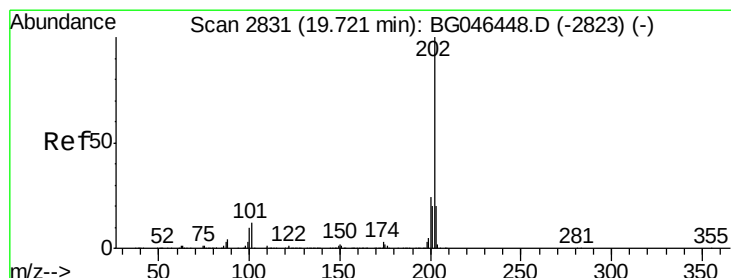
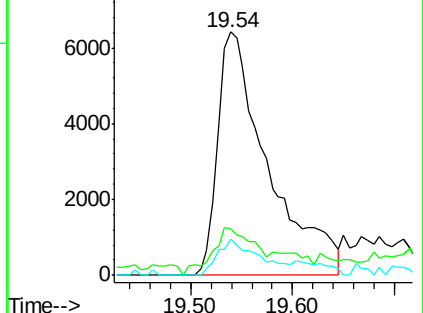
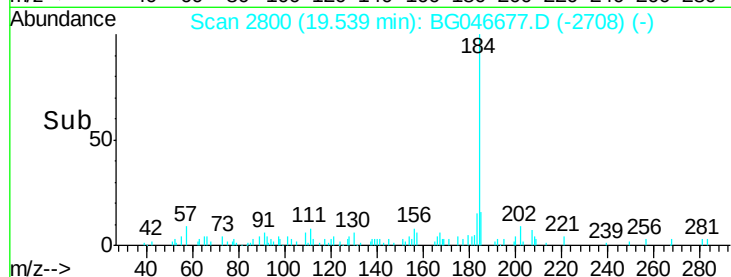
183 14.7 10.6 15.8



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: 45.254 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

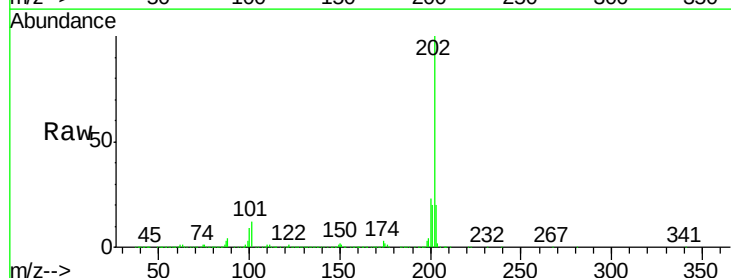
Tgt Ion:202 Resp: 1188201

Ion Ratio Lower Upper

202 100

200 23.3 18.6 27.8

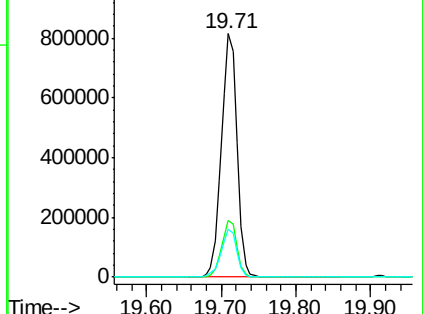
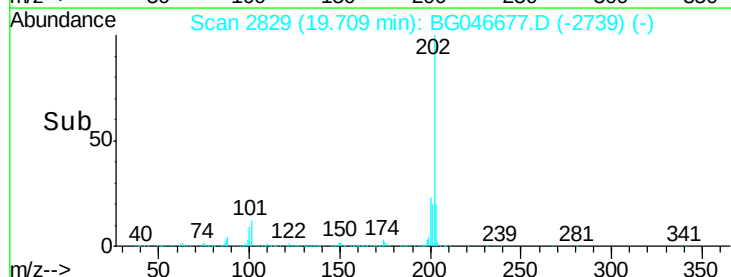
203 19.8 15.3 22.9

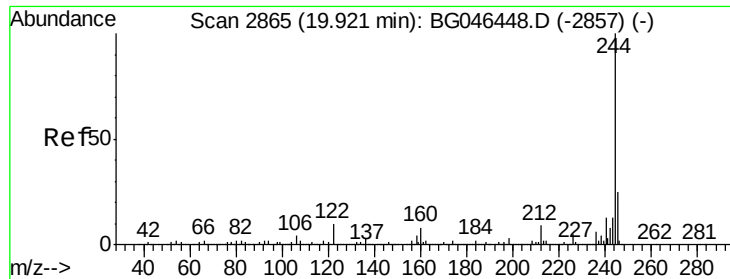


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.504 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

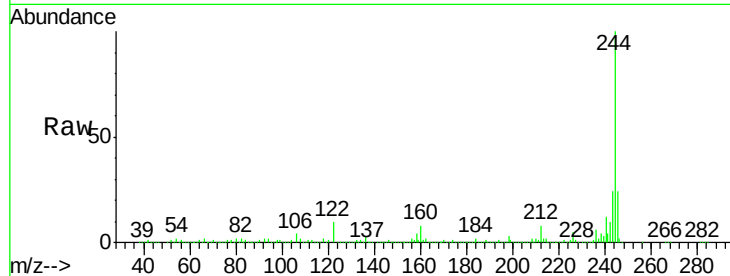
Tot Ion:244 Resp: 1559711

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	9.8	7.8	11.6

244 100

212 8.3 6.7 10.1

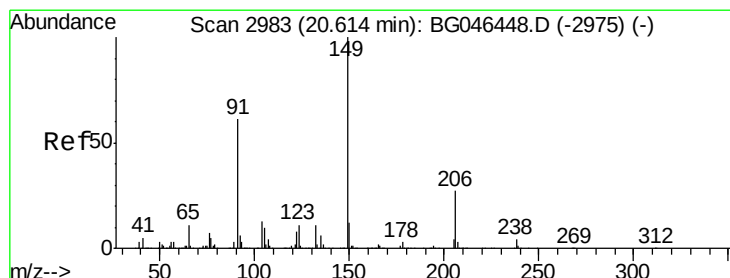
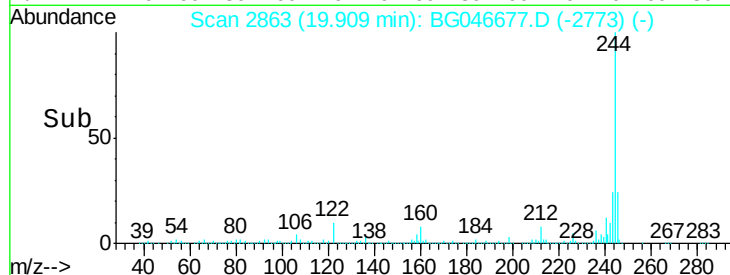
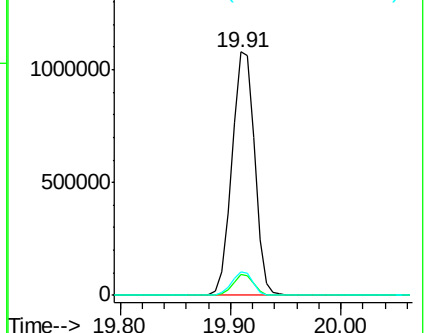
122 9.8 7.8 11.6



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: 43.833 ng

RT: 20.60 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

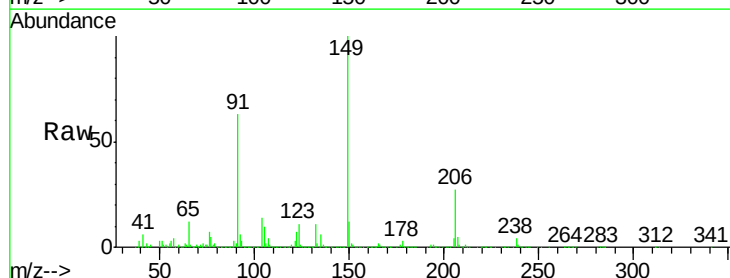
Tgt Ion:149 Resp: 448911

Ion	Ratio	Lower	Upper
149	100		
91	63.2	51.5	77.3
206	27.5	21.2	31.8

149 100

91 63.2 51.5 77.3

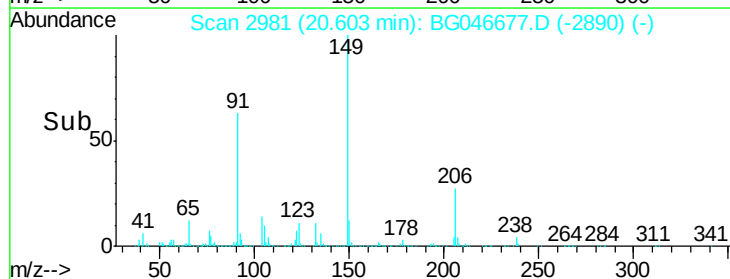
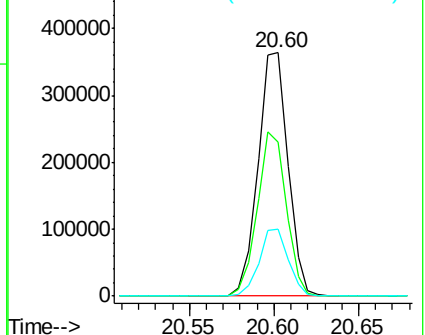
206 27.5 21.2 31.8

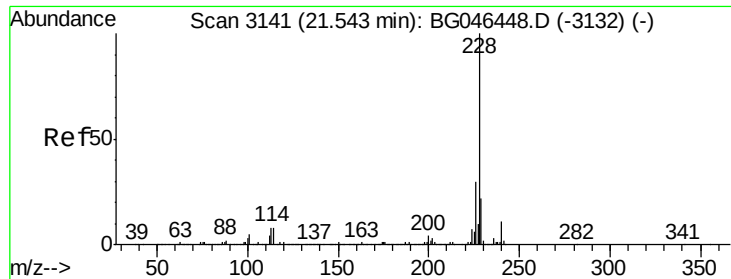


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.105 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

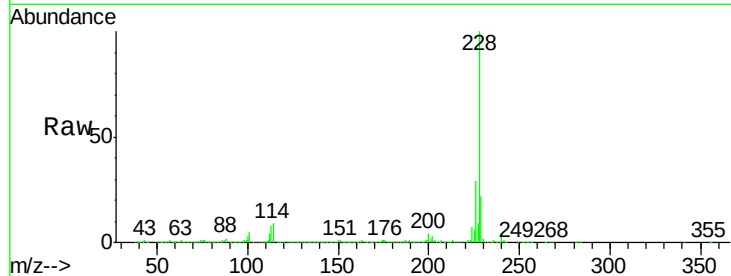
Tot Ion:228 Resp: 1133485

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	22.0	17.4	26.0

228 100

226 29.4 23.3 34.9

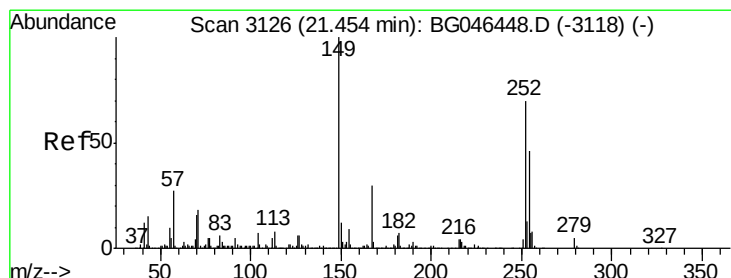
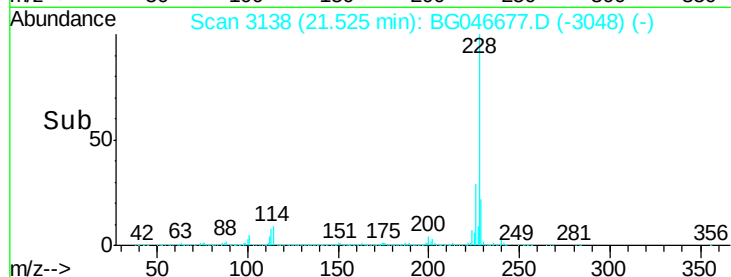
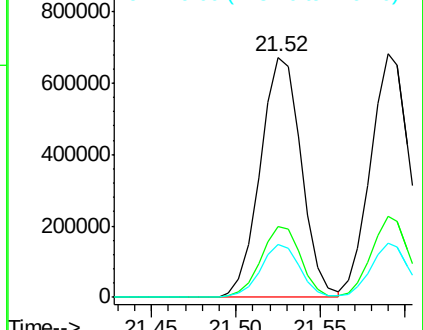
229 22.0 17.4 26.0



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: 12.352 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

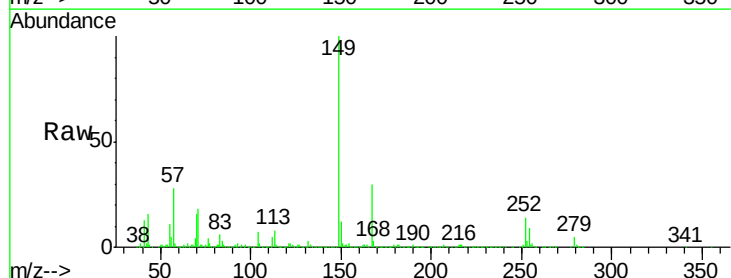
Tgt Ion:252 Resp: 117810

Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.2	79.8
126	8.2	6.8	10.2

252 100

254 65.2 53.2 79.8

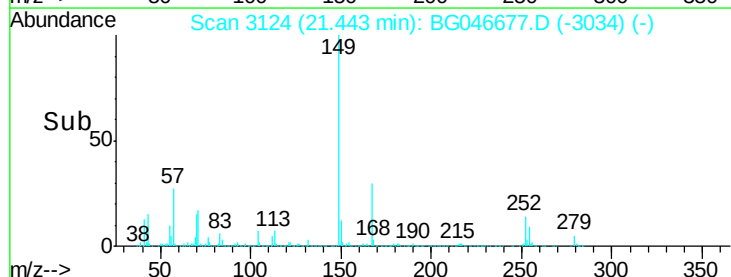
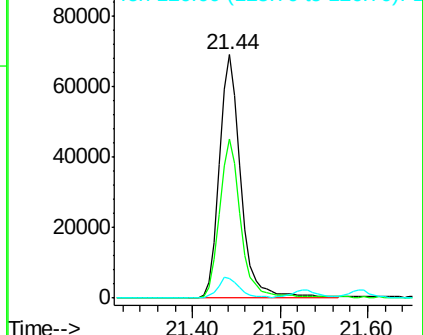
126 8.2 6.8 10.2

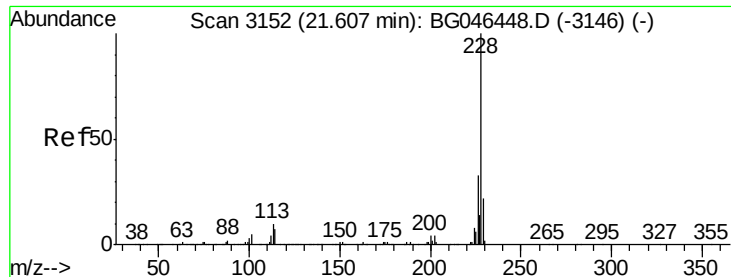


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

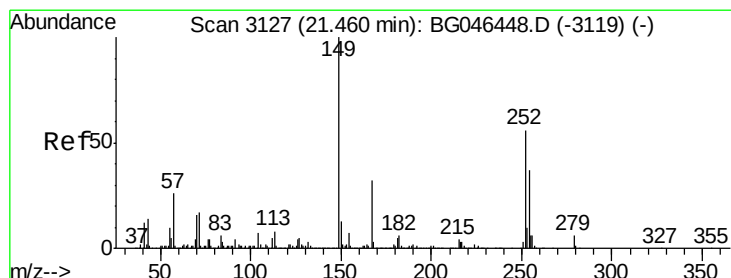
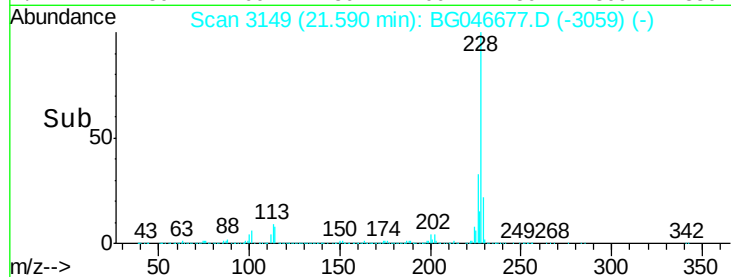
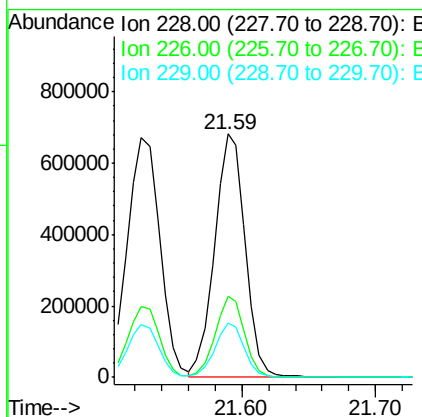
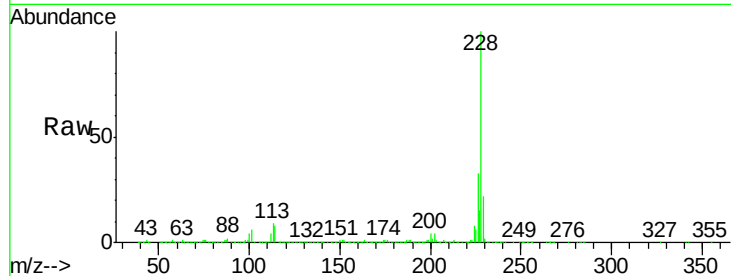




#83
Chrysene
Concen: 43.910 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

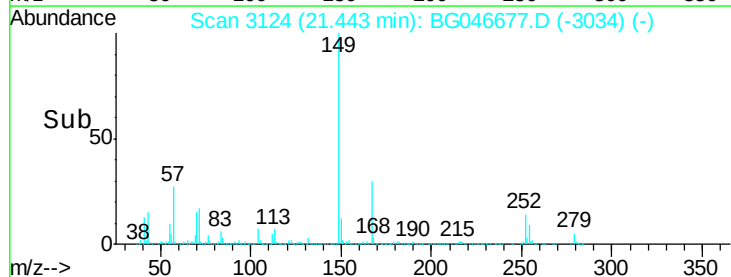
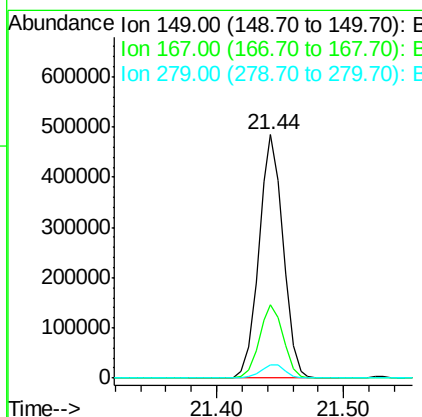
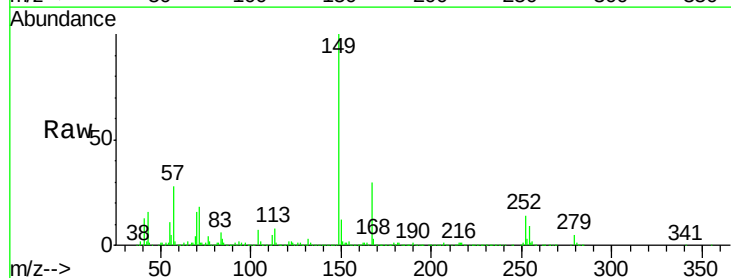
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

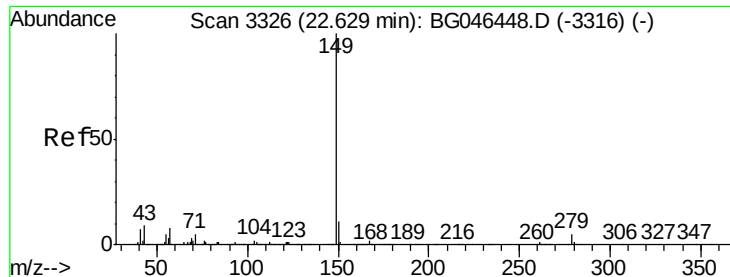
Tot Ion:228 Resp: 1085503
Ion Ratio Lower Upper
228 100
226 33.4 25.0 37.4
229 22.3 17.3 25.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.000 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:149 Resp: 642907
Ion Ratio Lower Upper
149 100
167 30.4 24.8 37.2
279 5.2 4.6 7.0





#85

Di-n-octyl phthalate

Concen: 45.736 ng

RT: 22.61 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

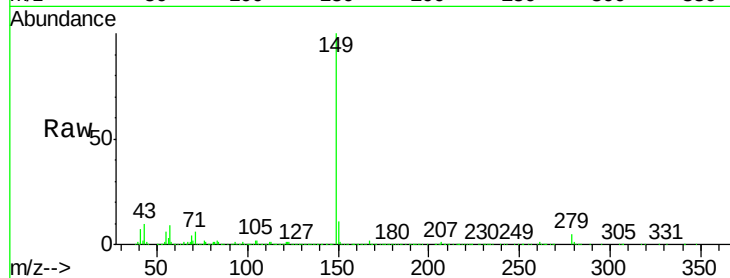
Tot Ion:149 Resp: 1094516

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

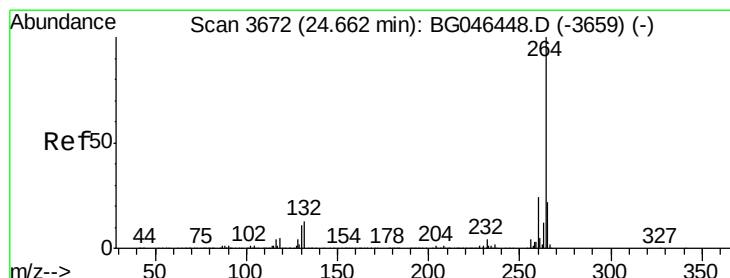
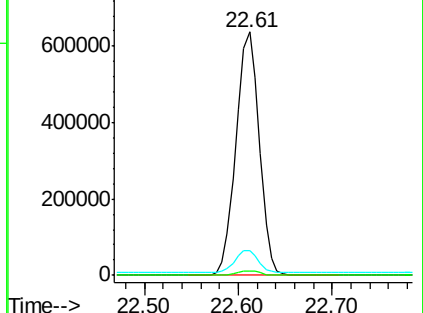
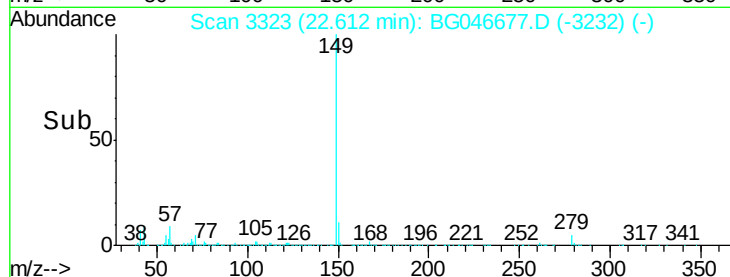
43 9.0 6.8 10.2



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

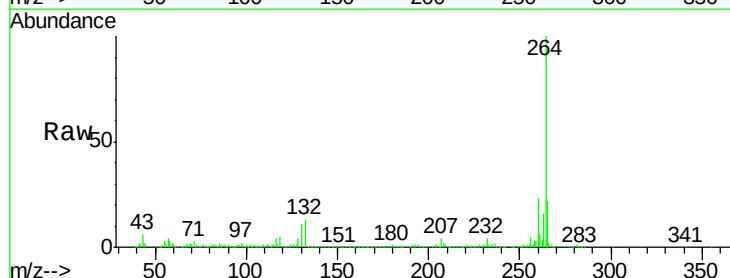
Tgt Ion:264 Resp: 409608

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

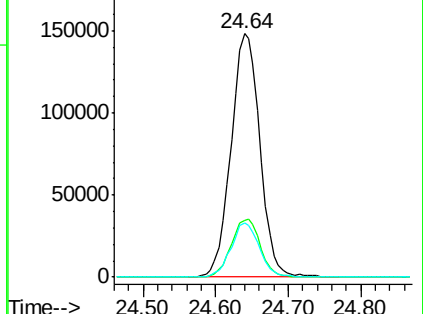
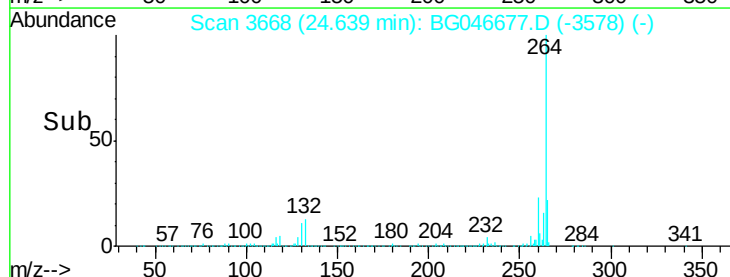
265 22.2 17.8 26.8

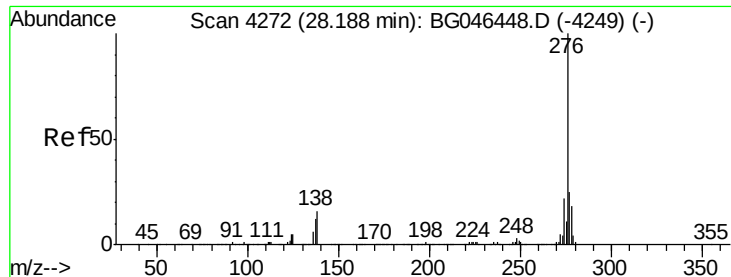


Abundance Ion 264.00 (263.70 to 264.70): E

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: 45.321 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

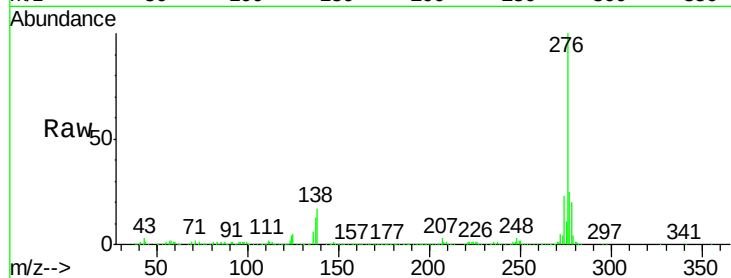
Tot Ion:276 Resp: 1333284

Ion Ratio Lower Upper

276 100

138 20.6 16.2 24.2

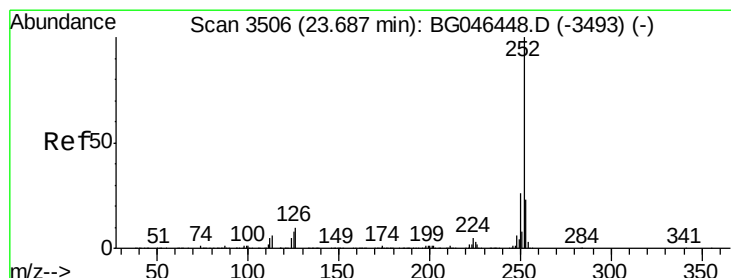
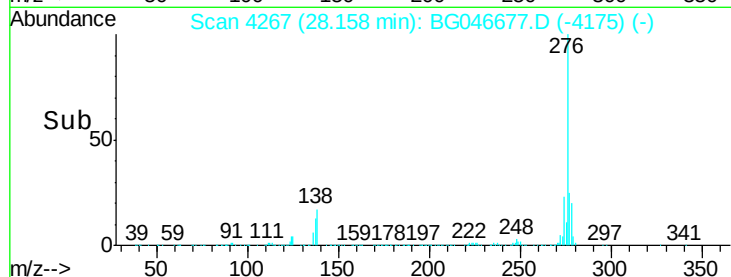
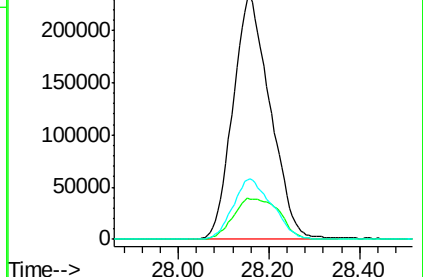
277 26.0 20.3 30.5



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: 45.027 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG046677.D

Acq: 18 Sep 2020 20:07

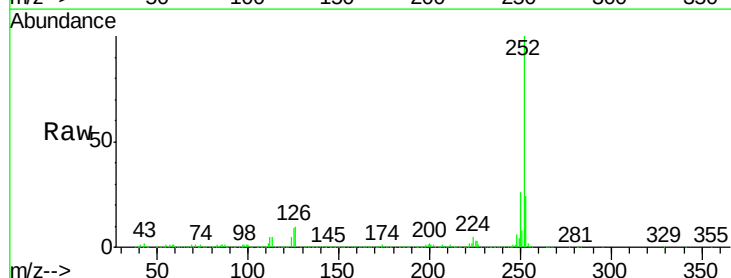
Tgt Ion:252 Resp: 1151642

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

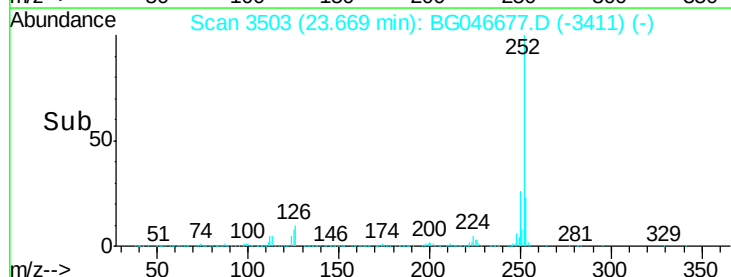
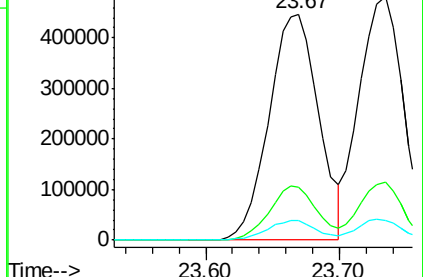
125 8.6 6.5 9.7

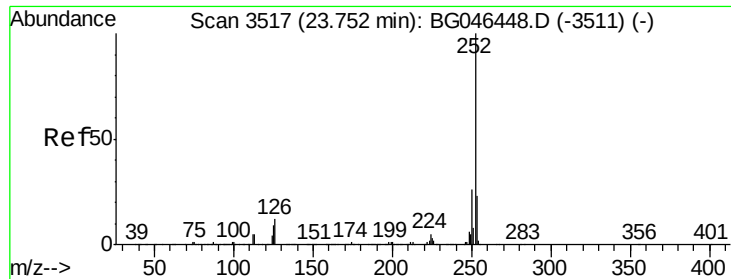


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

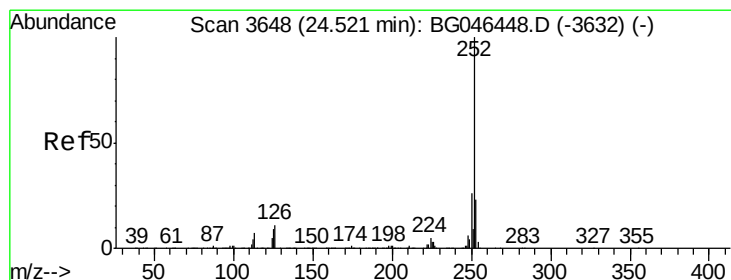
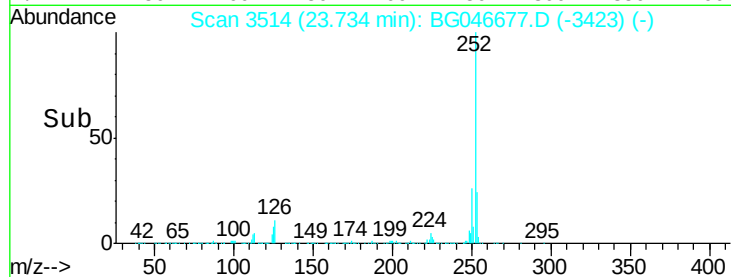
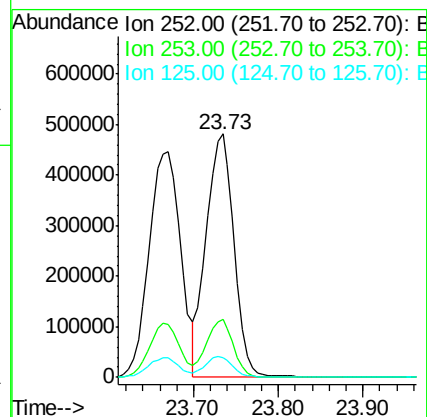
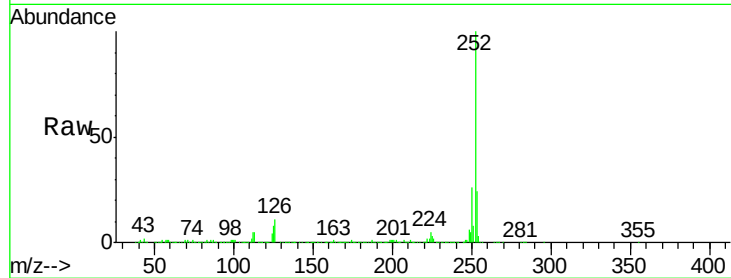




#89
Benzo(k)fluoranthene
Concen: 44.603 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

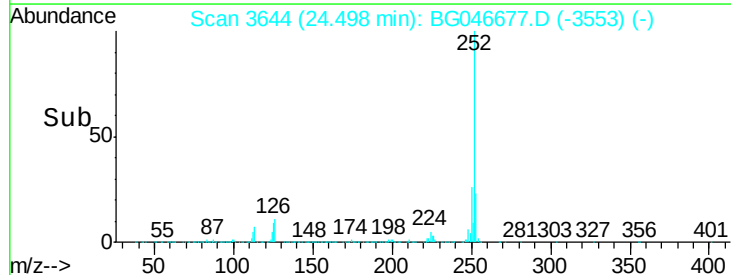
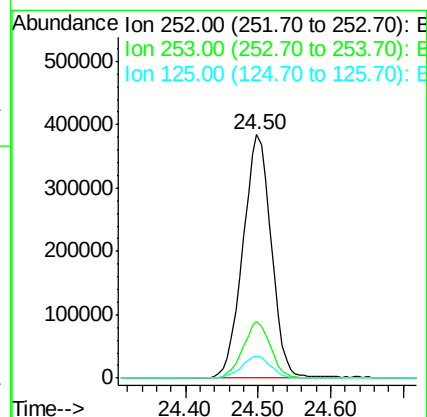
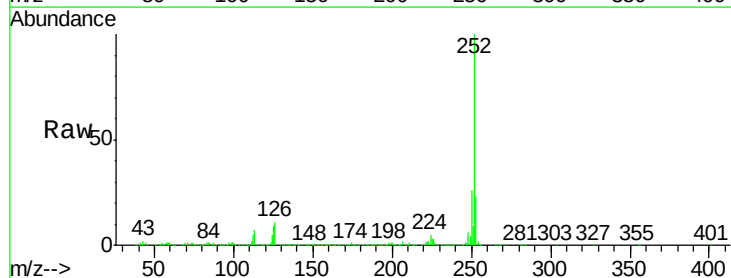
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

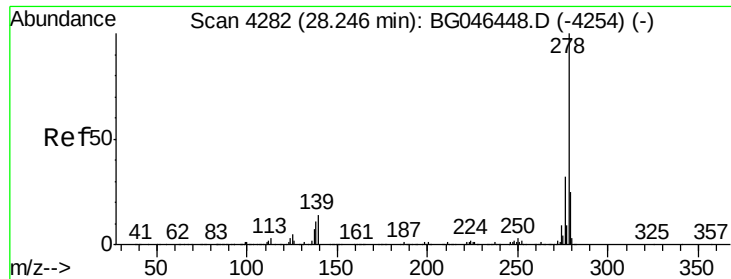
Tot Ion:252 Resp: 1102524
Ion Ratio Lower Upper
252 100
253 23.6 18.6 27.8
125 8.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.538 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:252 Resp: 1039181
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 9.4 7.0 10.4



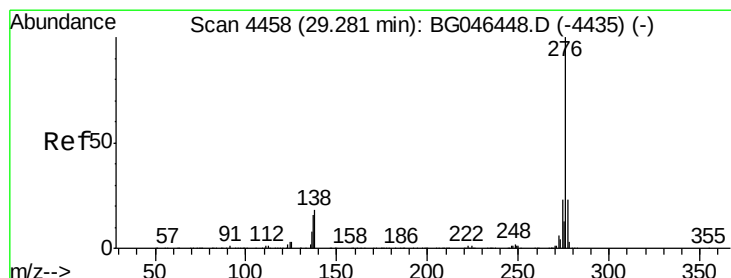
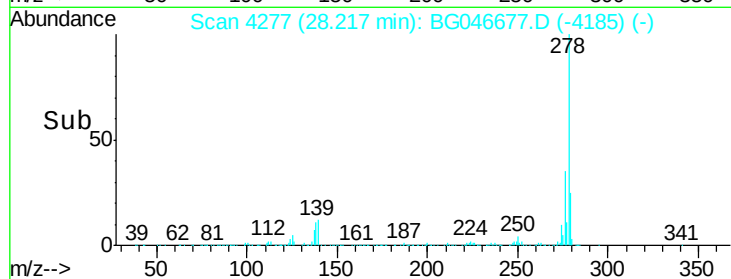
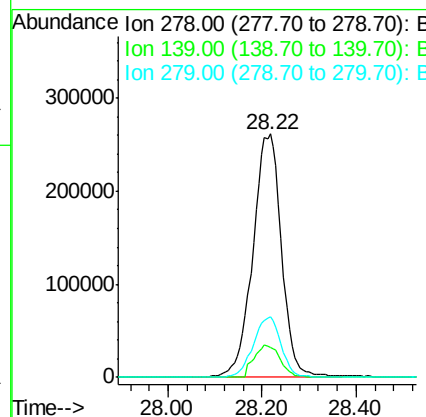
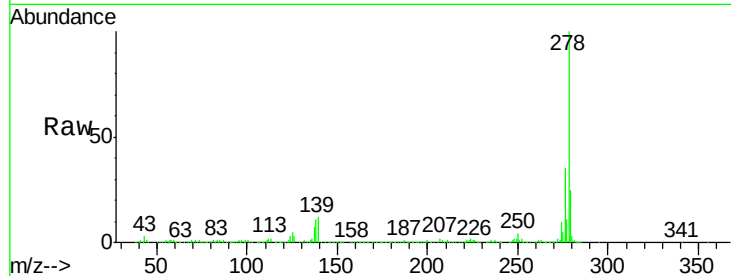


#91
Dibenzo(a,h)anthracene
Concen: 46.756 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Tot Ion:278 Resp: 1109997

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.5	15.7
279	24.9	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 47.223 ng
RT: 29.25 min Scan# 4453
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt Ion:276 Resp: 1119506

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	18.0	13.4	20.2

