

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 21 08:35:42 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
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
41) Hexachlorocyclopentadiene	12.74	237	223460	76.839	ng	99

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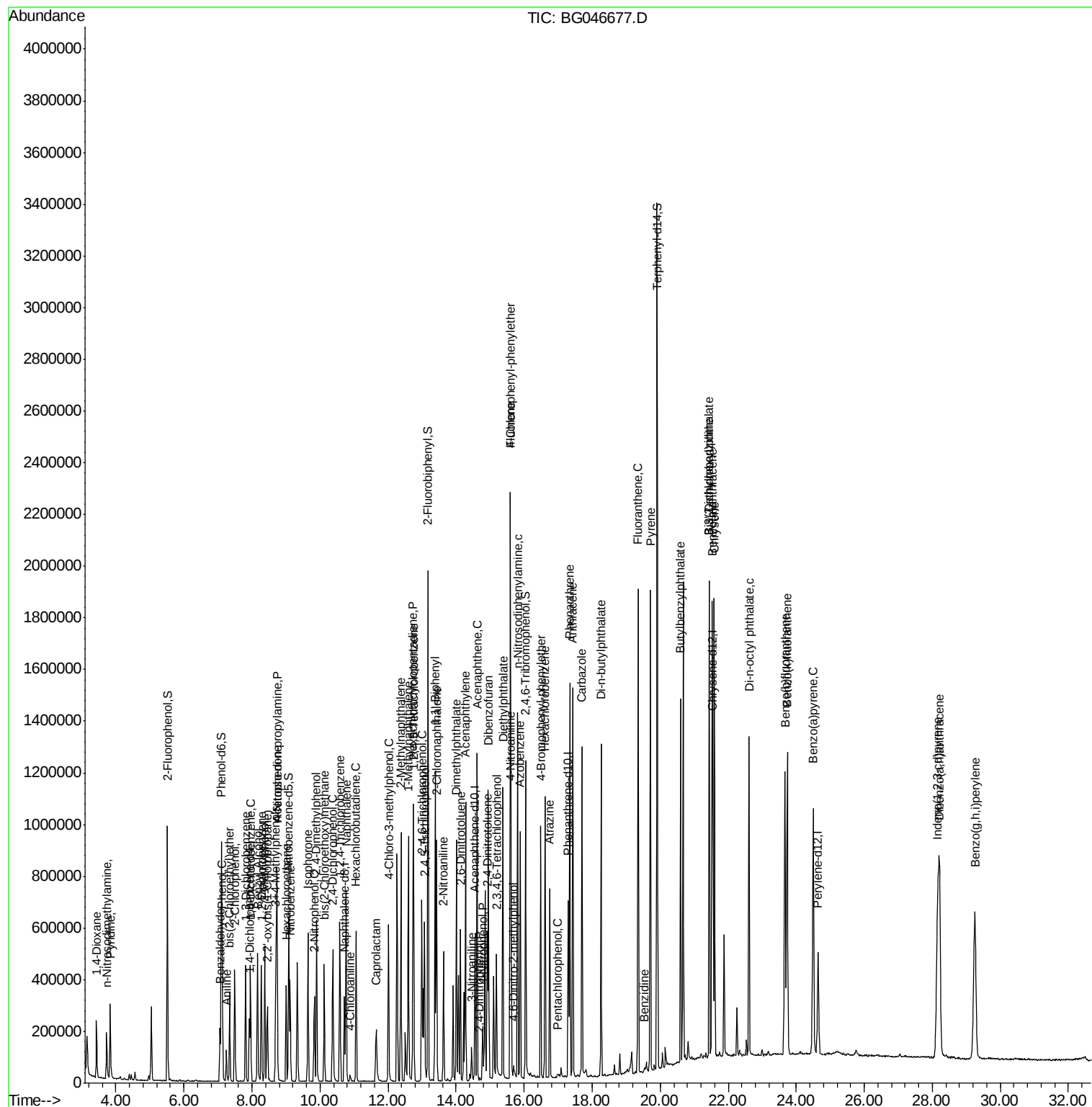
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.99	196	207038	45.872	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	209673	44.216	ng	97
46) 1,1'-Biphenyl	13.39	154	650016	46.065	ng	99
47) 2-Chloronaphthalene	13.43	162	514753	43.025	ng	99
48) 2-Nitroaniline	13.63	65	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

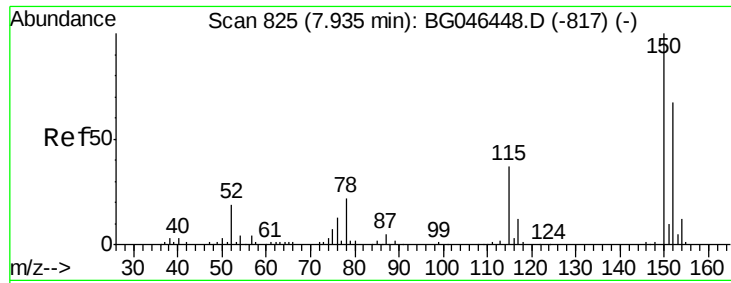
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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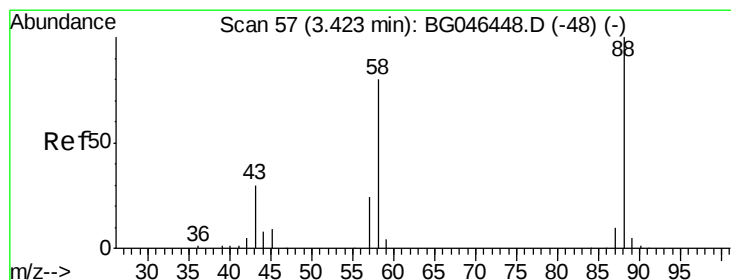
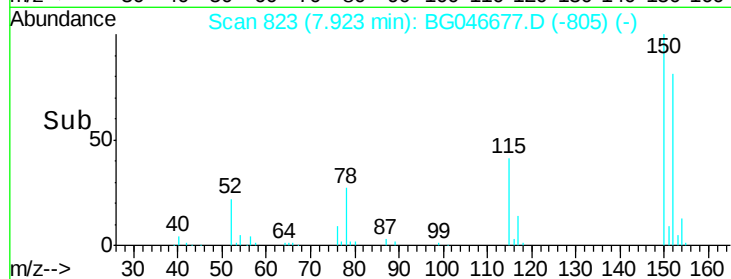
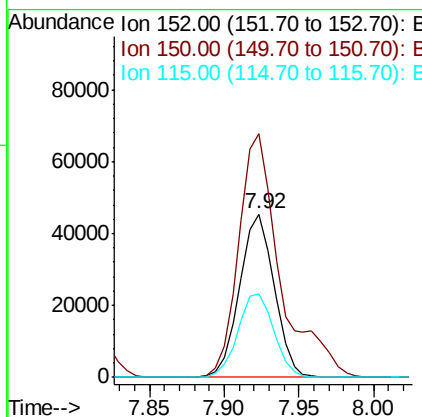
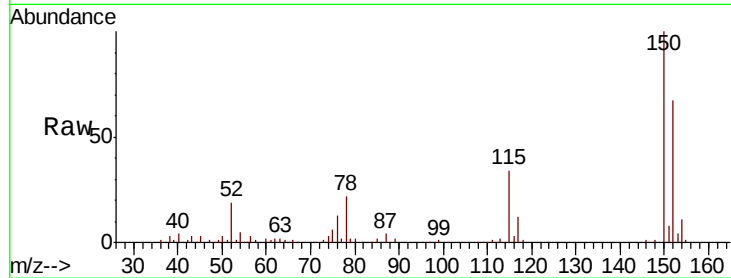




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

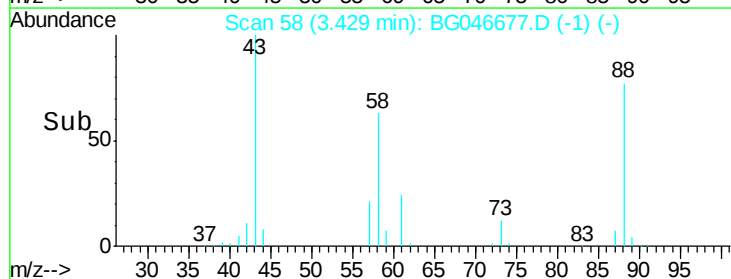
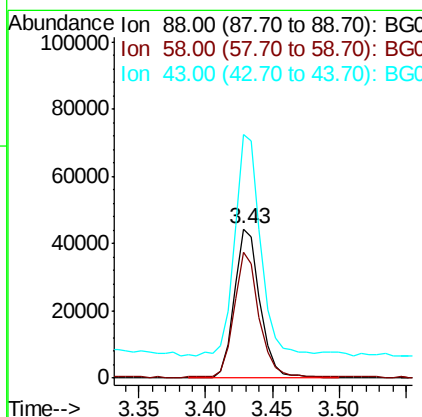
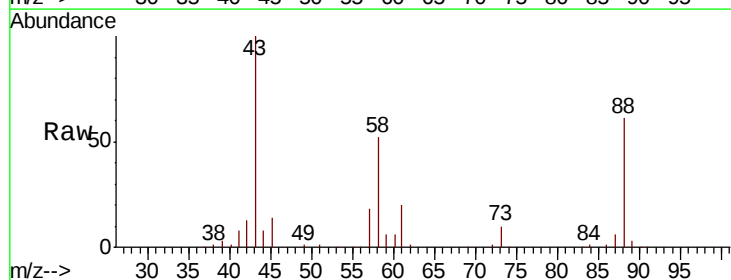
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

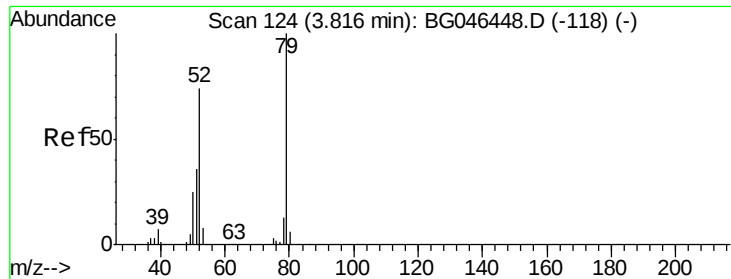
Tot Ion:152 Resp: 73002
 Ion Ratio Lower Upper
 152 100
 150 149.3 125.0 187.6
 115 50.9 41.8 62.6



#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#





#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

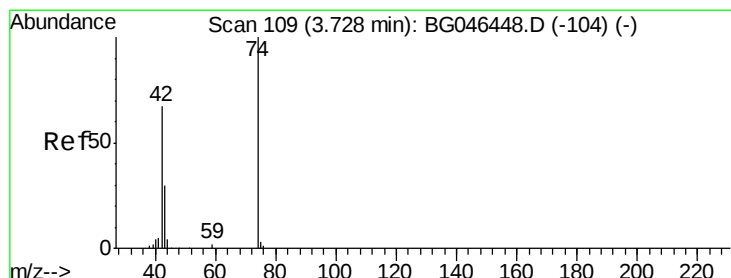
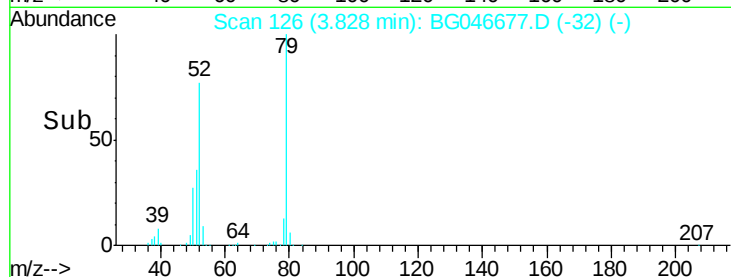
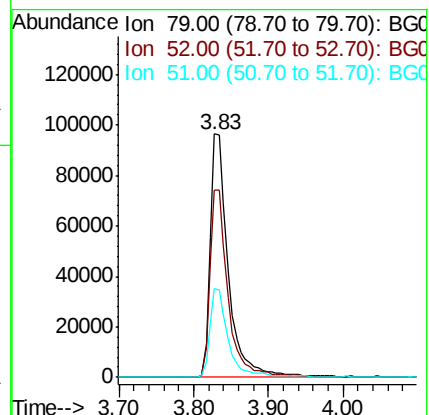
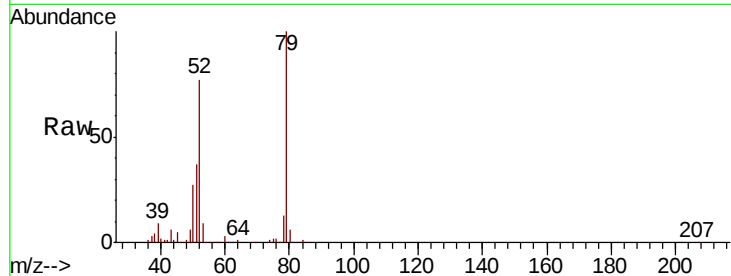
Tot Ion: 79 Resp: 163548

Ion Ratio Lower Upper

79 100

52 77.1 61.3 91.9

51 36.6 28.4 42.6



#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

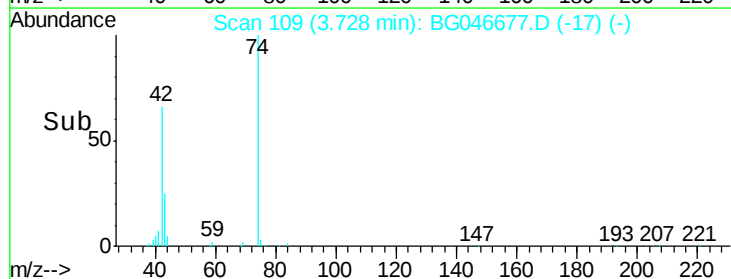
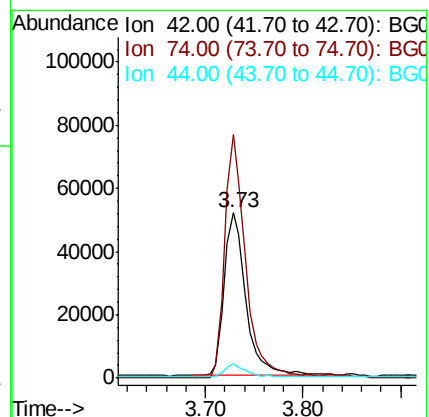
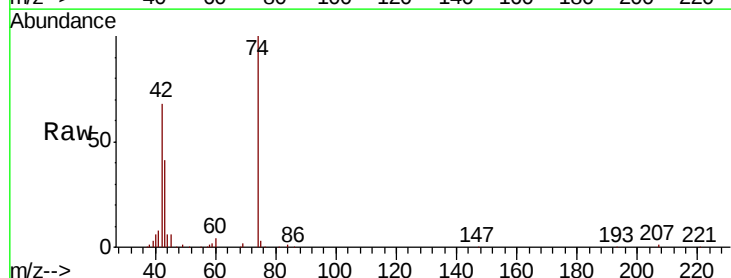
Tgt Ion: 42 Resp: 79697

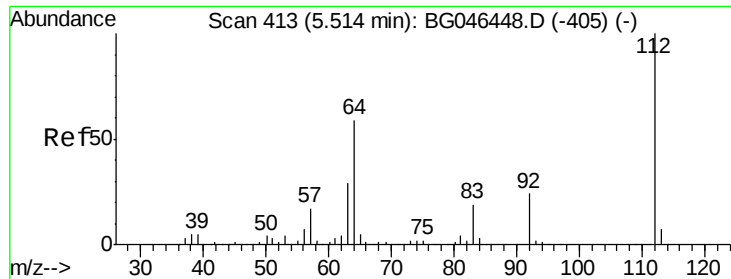
Ion Ratio Lower Upper

42 100

74 147.2 120.4 180.6

44 8.6 6.2 9.2





#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 :

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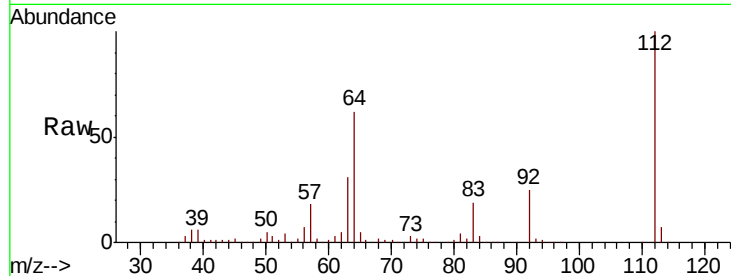
Tot Ion:112 Resp: 452279

Ion Ratio Lower Upper

112 100

64 61.5 46.7 70.1

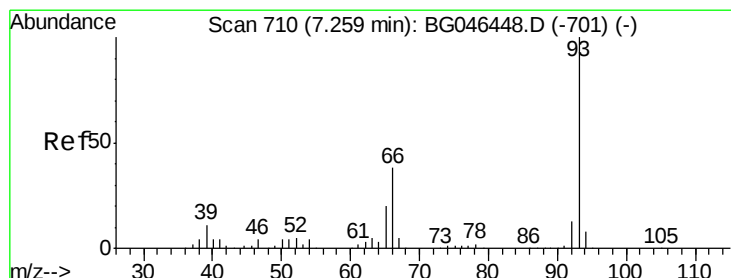
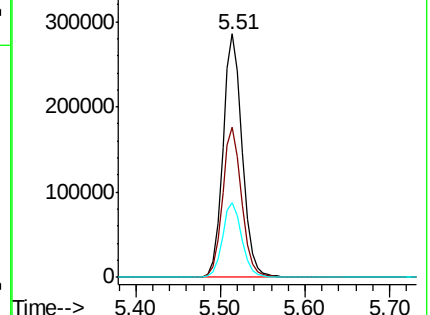
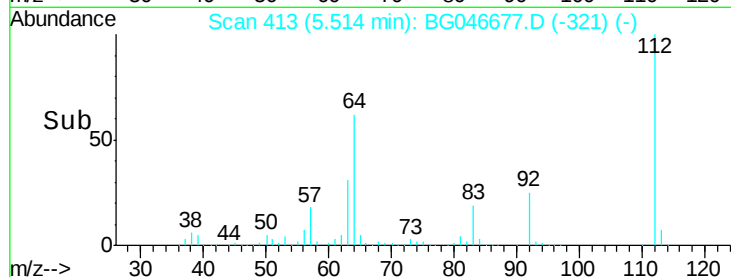
63 30.6 22.8 34.2



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

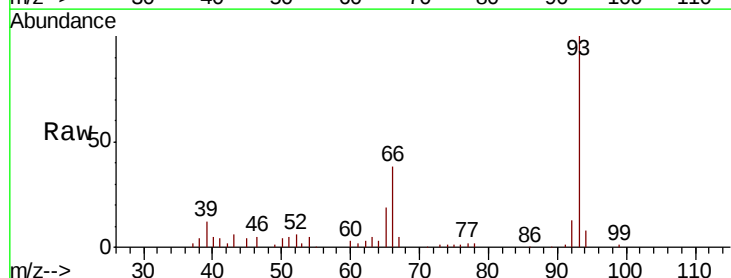
Tgt Ion: 93 Resp: 83203

Ion Ratio Lower Upper

93 100

66 38.3 29.5 44.3

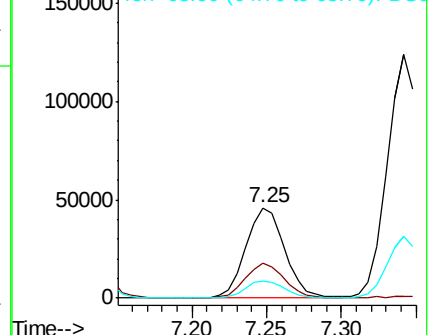
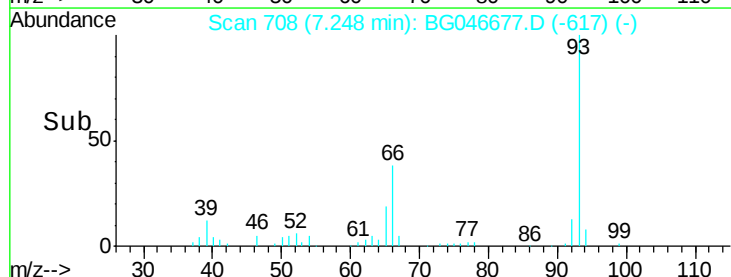
65 19.3 15.5 23.3

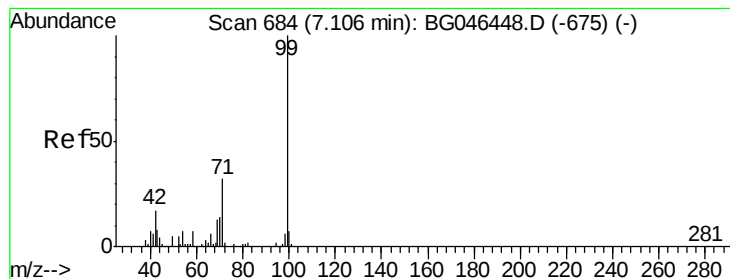


Abundance Ion 93.00 (92.70 to 93.70): BGC

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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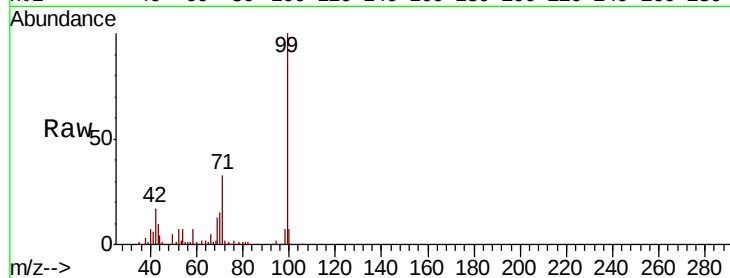
Tot Ion: 99 Resp: 579505

Ion Ratio Lower Upper

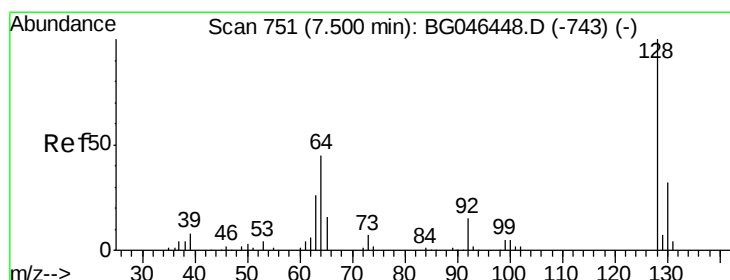
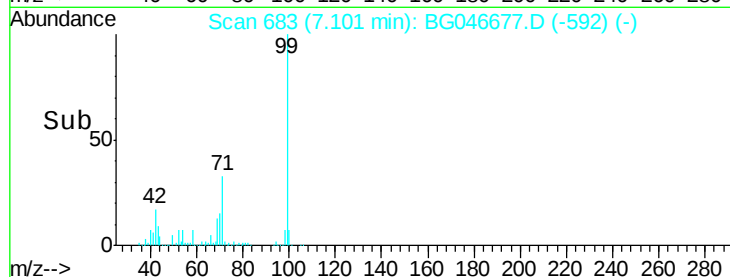
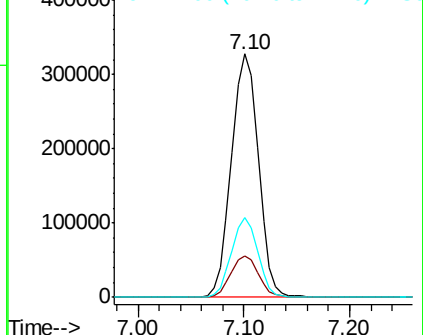
99 100

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

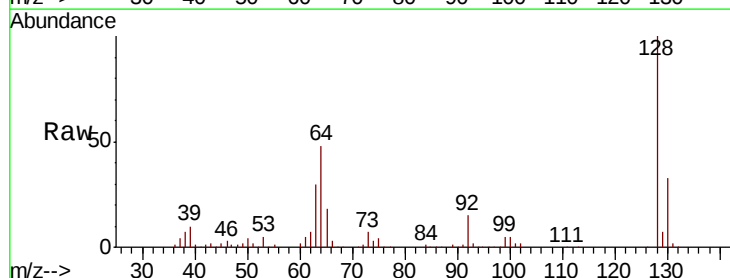
Tgt Ion: 128 Resp: 209821

Ion Ratio Lower Upper

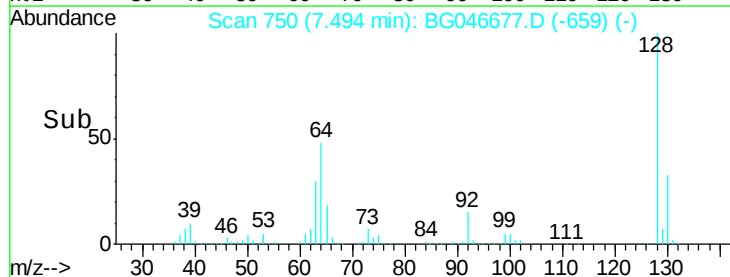
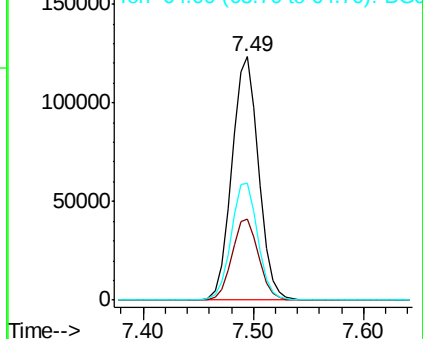
128 100

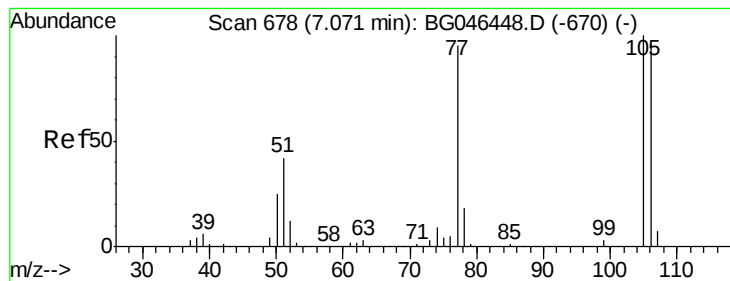
130 33.2 12.6 52.6

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

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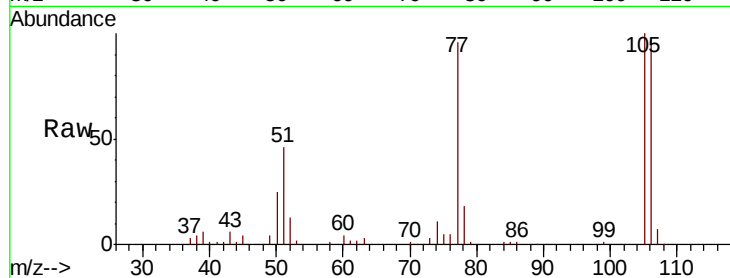
Tot Ion: 77 Resp: 74347

Ion Ratio Lower Upper

77 100

105 103.8 85.9 125.9

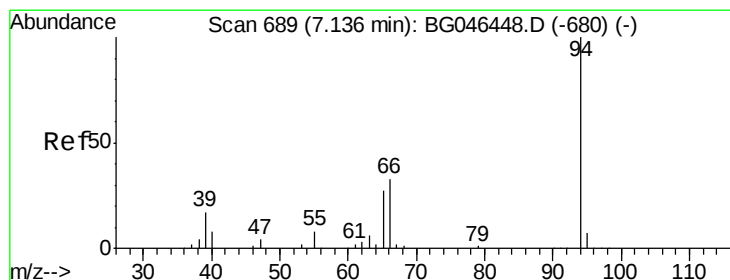
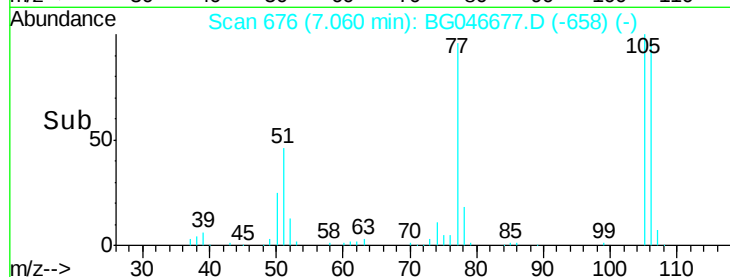
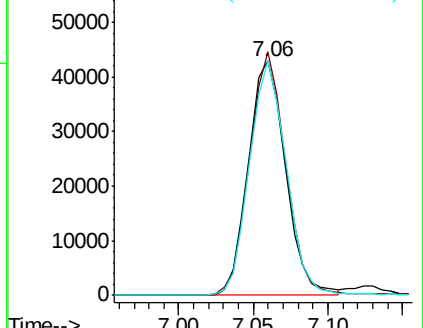
106 100.2 80.9 120.9



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

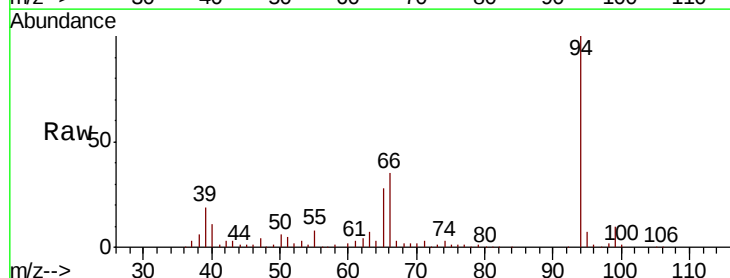
Tgt Ion: 94 Resp: 227080

Ion Ratio Lower Upper

94 100

65 27.7 6.6 46.6

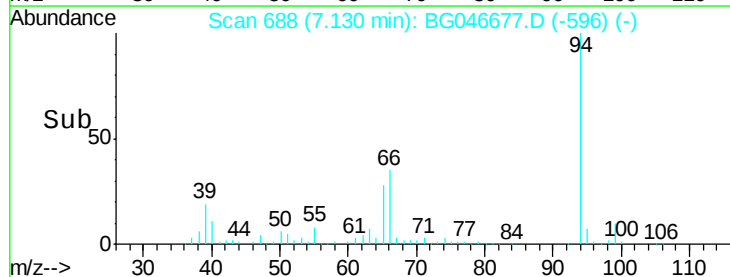
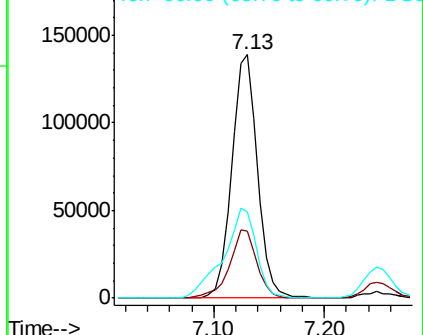
66 35.4 13.9 53.9

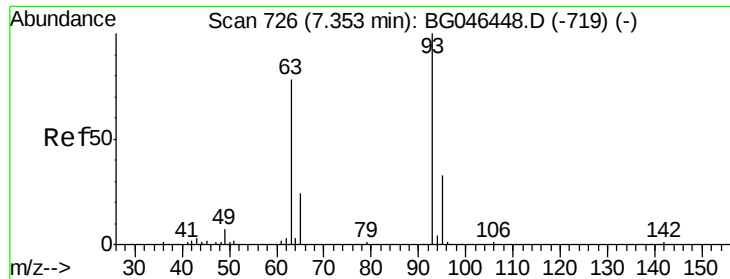


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

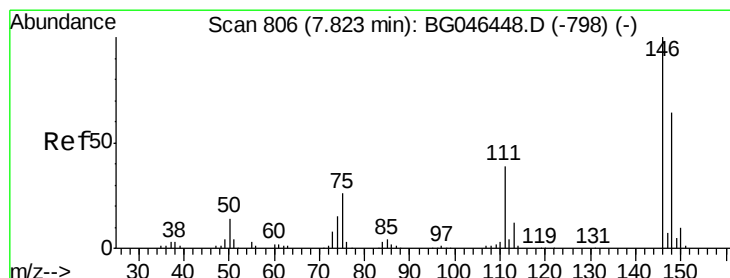
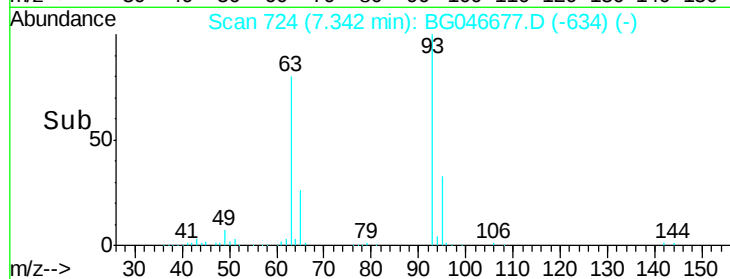
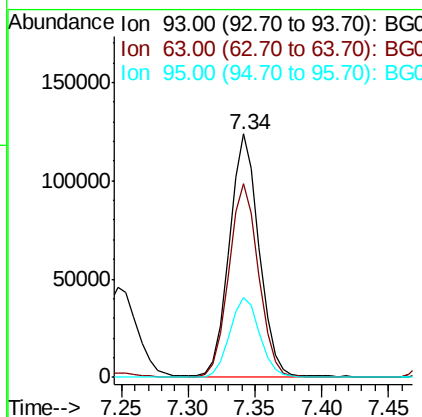
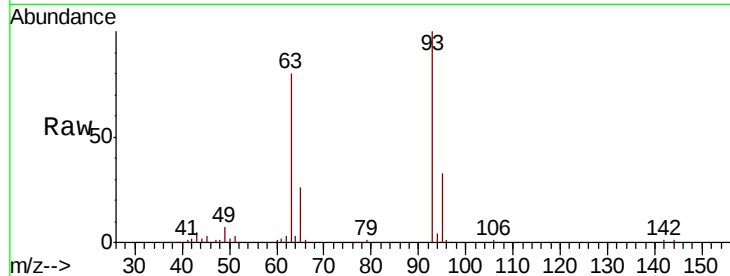




#11
bis(2-Chloroethyl)ether
Concen: 44.060 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

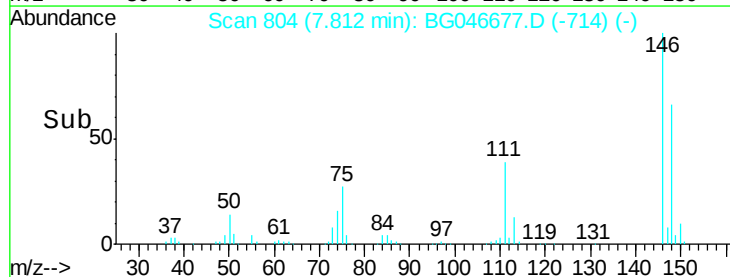
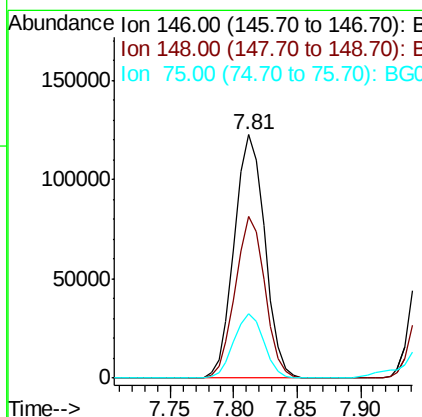
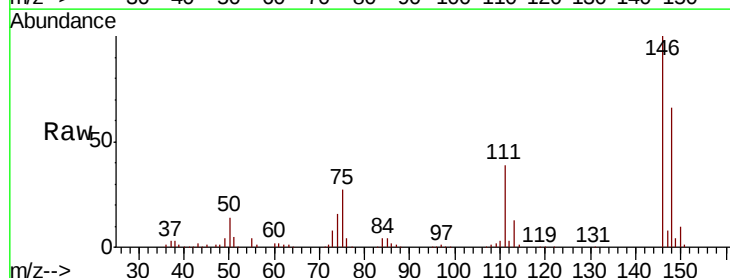
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

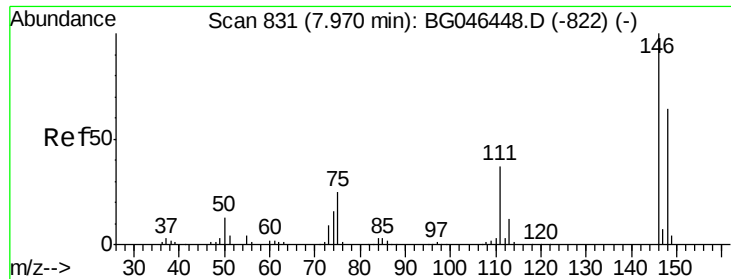
Tot Ion: 93 Resp: 190593
Ion Ratio Lower Upper
93 100
63 79.7 56.4 96.4
95 32.5 13.8 53.8



#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

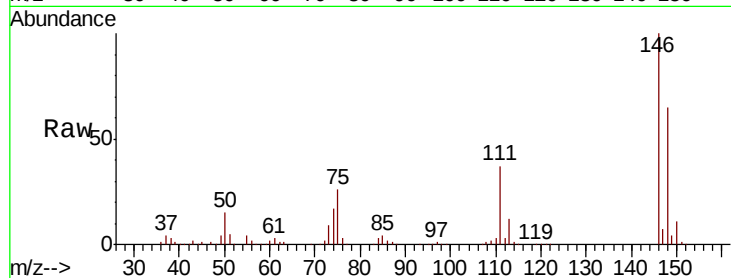




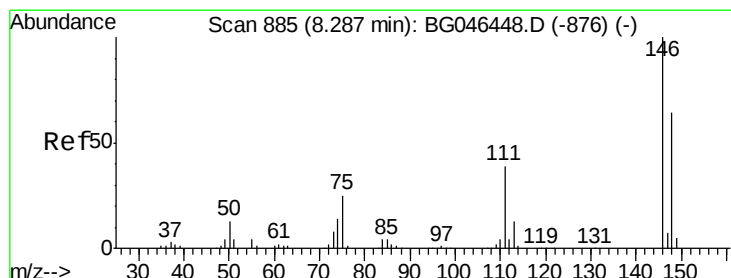
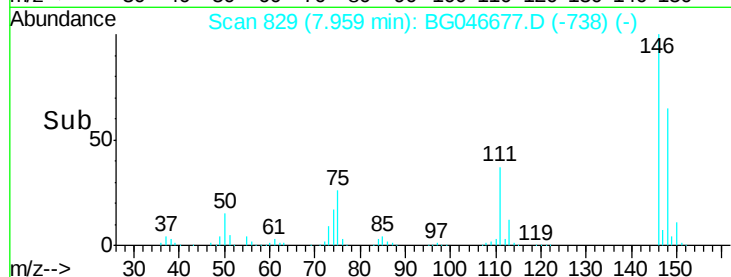
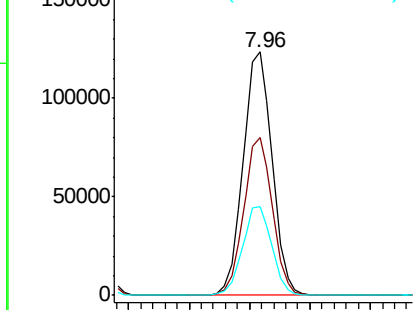
#13
 1,4-Dichlorobenzene
 Concen: 37.345 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

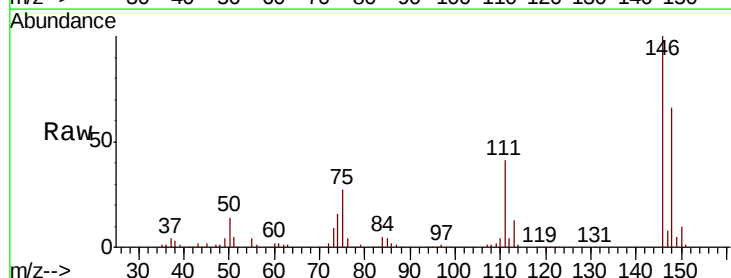


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

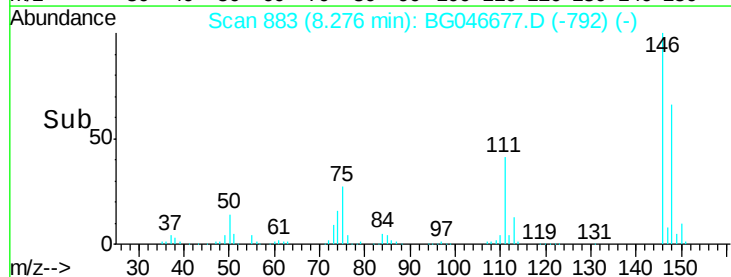
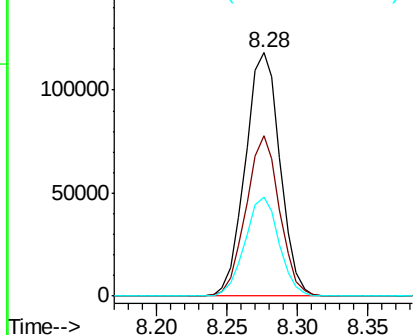


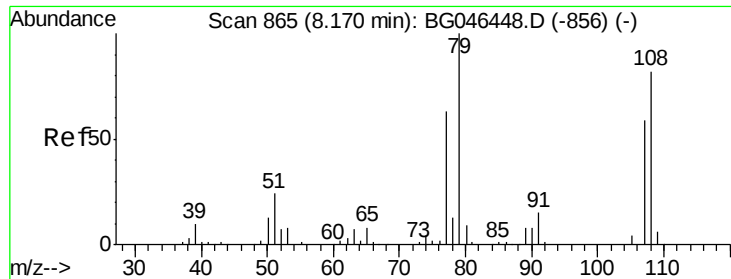
#14
 1,2-Dichlorobenzene
 Concen: 38.402 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

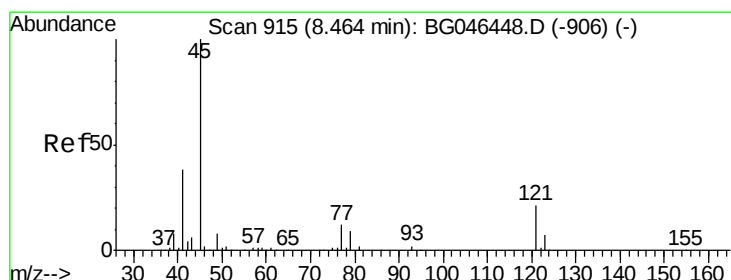
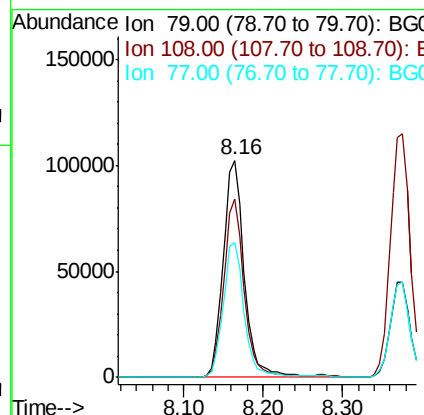
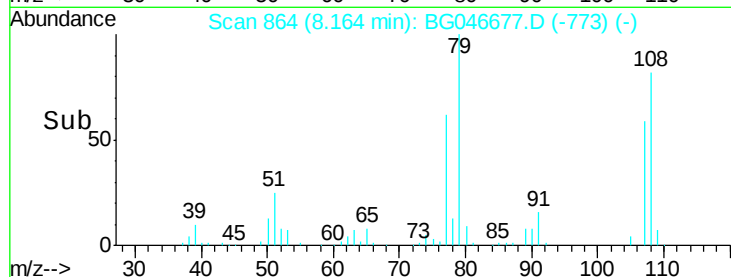
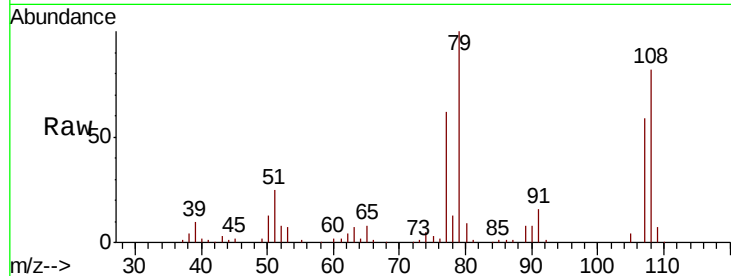




#15
Benzyl Alcohol
Concen: 50.375 ng
RT: 8.16 min Scan# 864
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

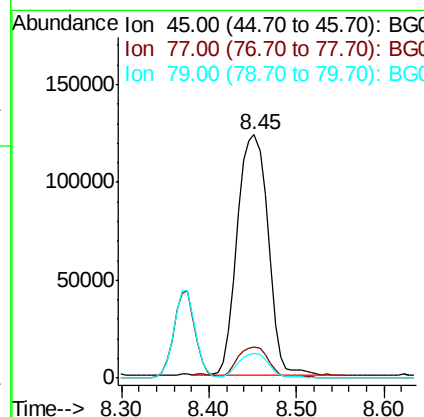
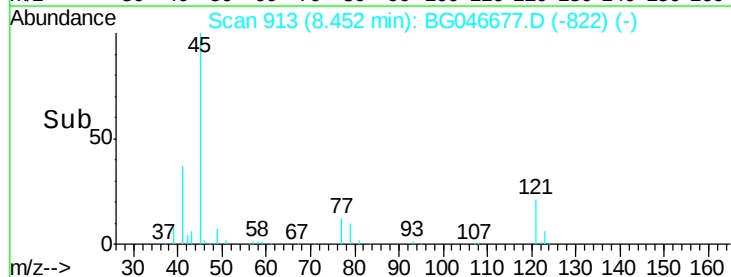
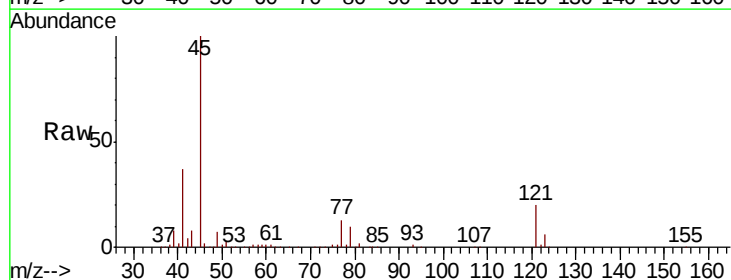
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

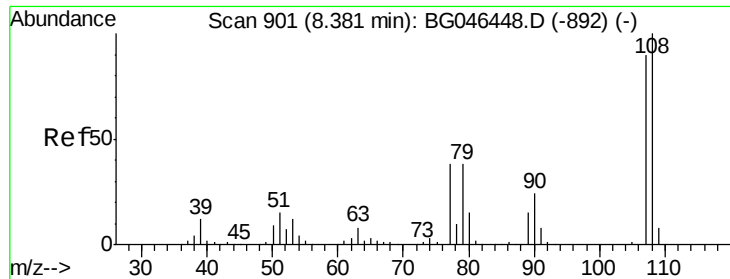
Tot Ion: 79 Resp: 188970
Ion Ratio Lower Upper
79 100
108 82.2 65.5 98.3
77 62.1 50.1 75.1



#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

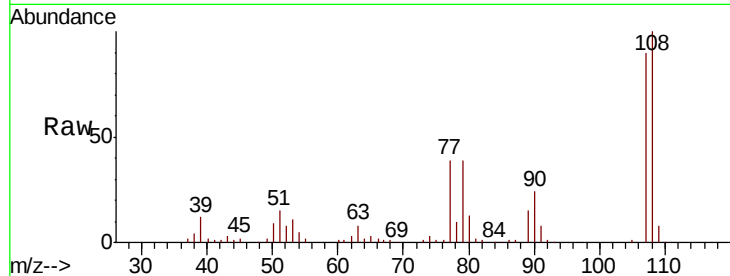




#17
2-Methylphenol
Concen: 47.220 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

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



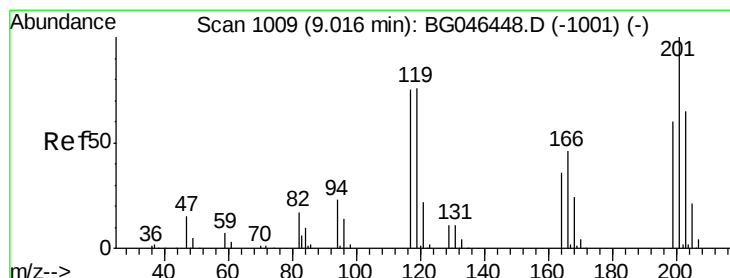
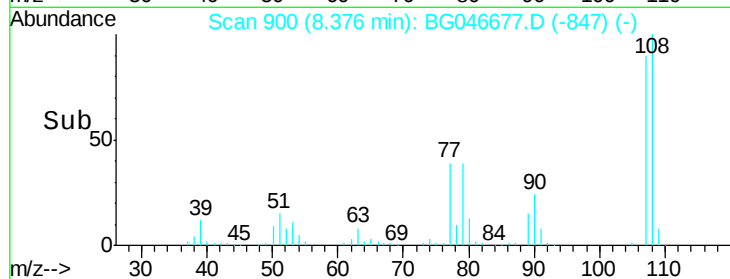
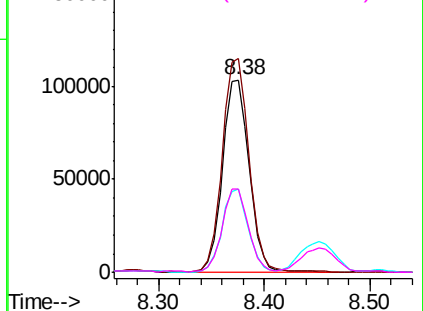
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

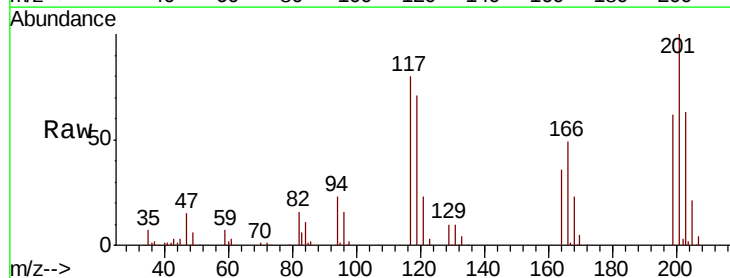
Ion 77.00 (76.70 to 77.70): BG

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

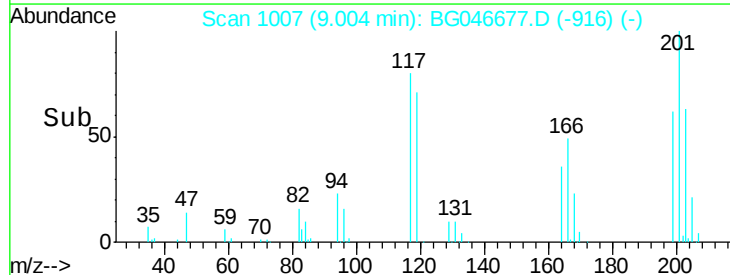
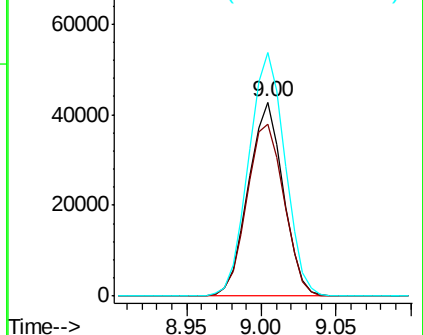


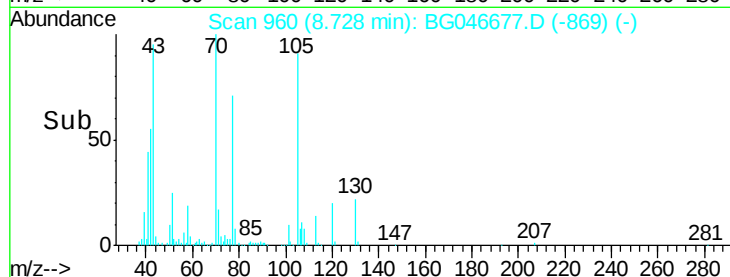
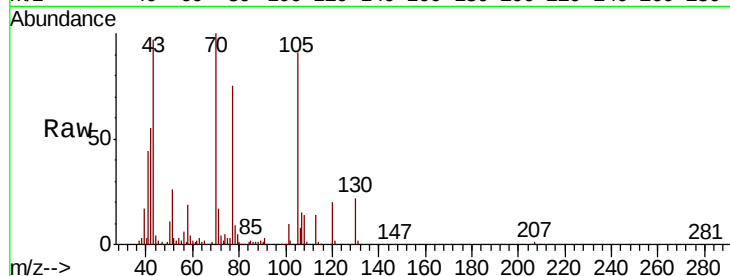
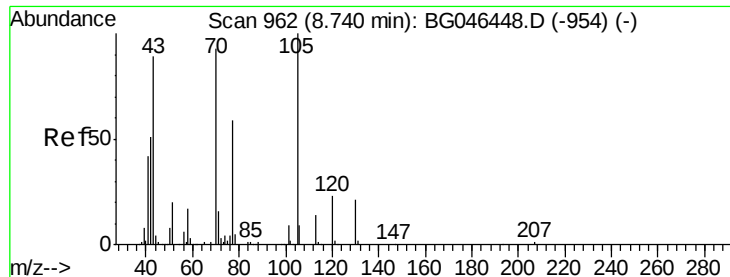
Abundance

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

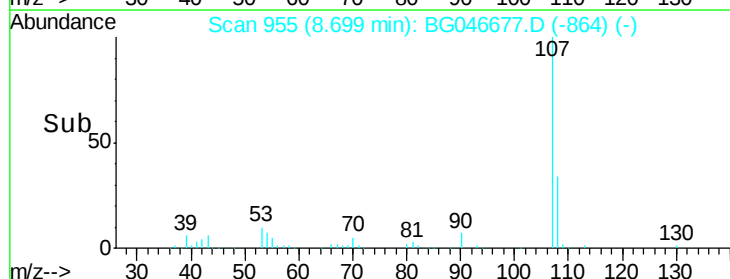
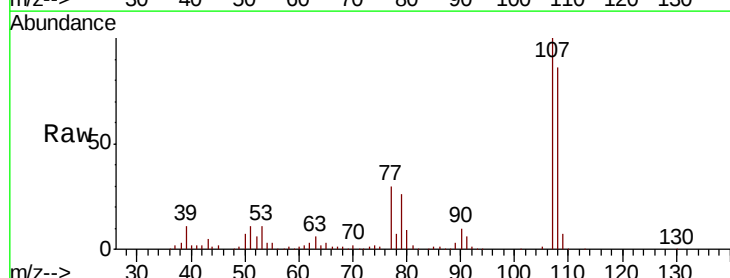
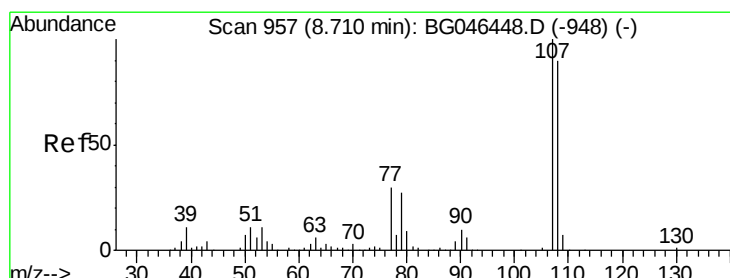
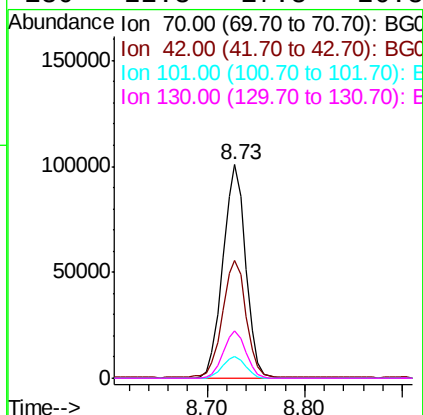




#19
n-Nitroso-di-n-propylamine
Concen: 46.508 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

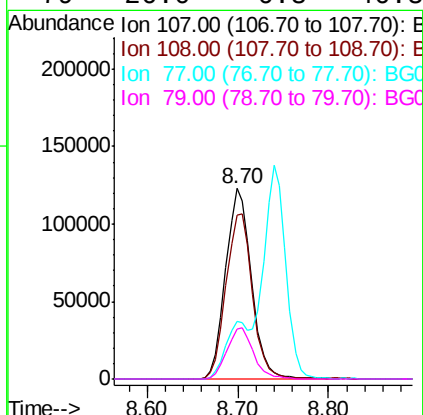
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

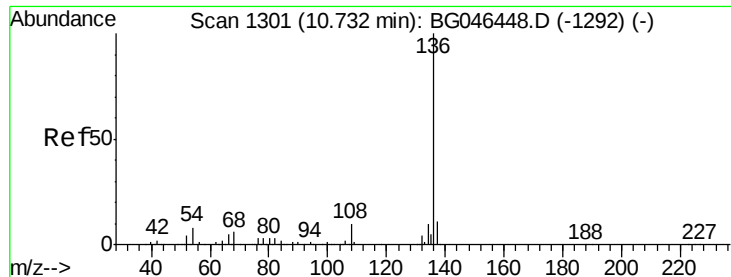
Tot Ion:	70	Resp:	162543
Ion	Ratio	Lower	Upper
70	100		
42	55.3	45.6	68.4
101	10.2	8.4	12.6
130	22.3	17.8	26.8



#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





#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

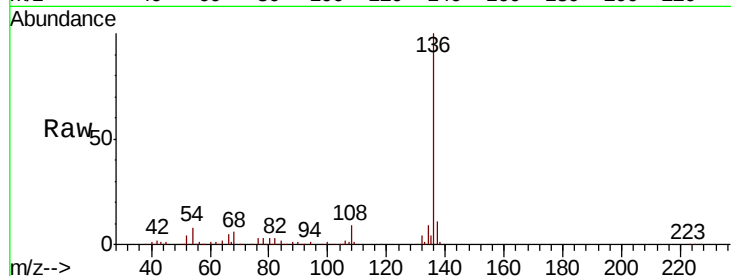
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 8.3 6.2 9.4

68 6.1 5.0 7.4

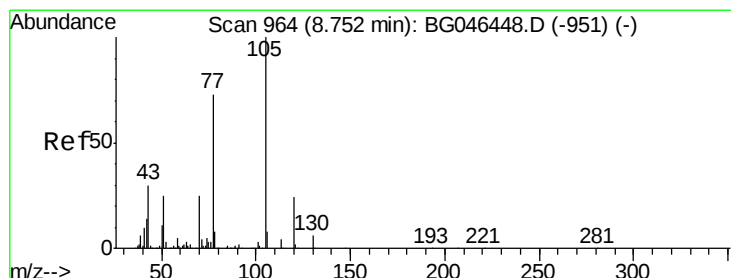
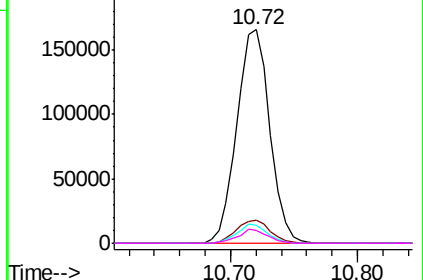
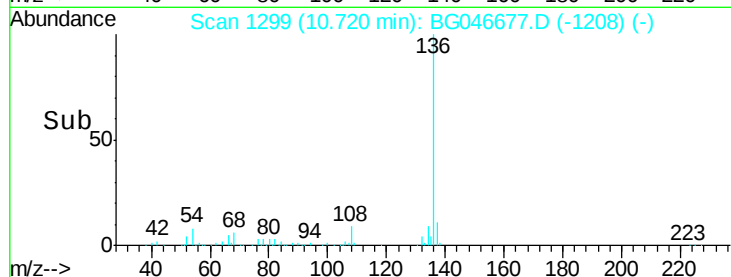


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 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

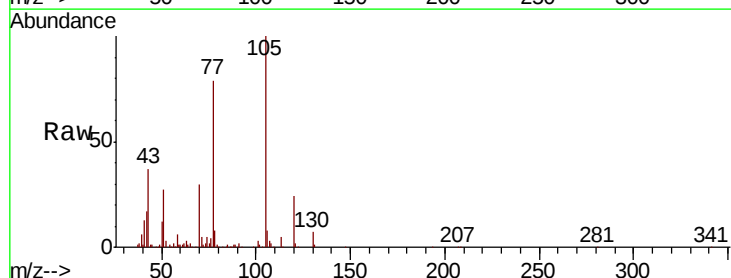
Ion Ratio Lower Upper

105 100

71 4.9 2.7 4.1#

51 27.3 21.0 31.6

120 24.1 19.3 28.9

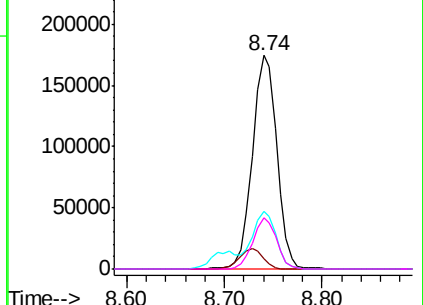
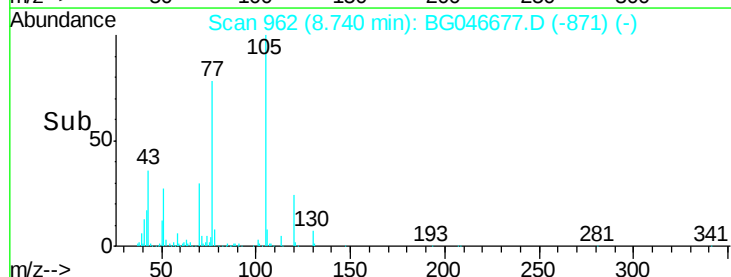


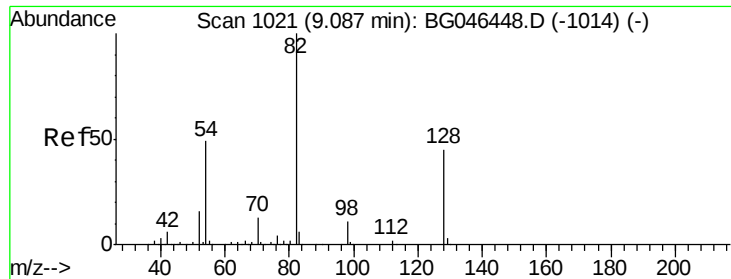
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

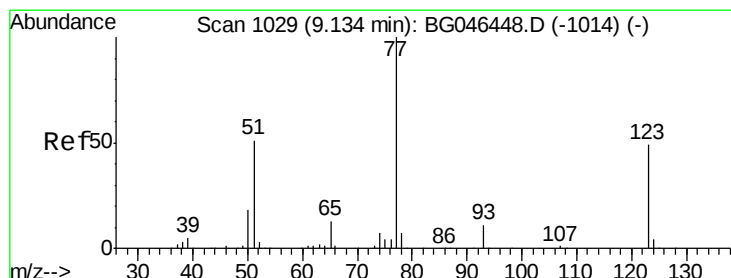
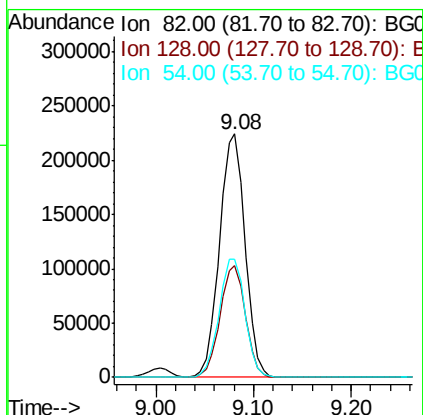
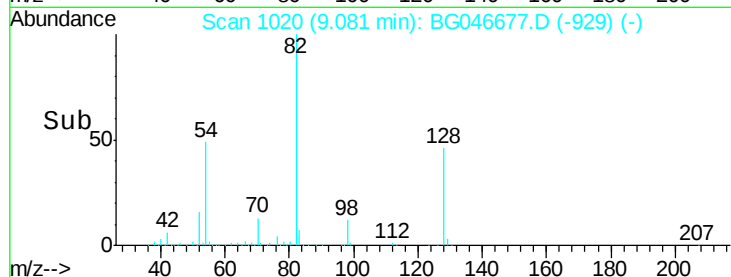
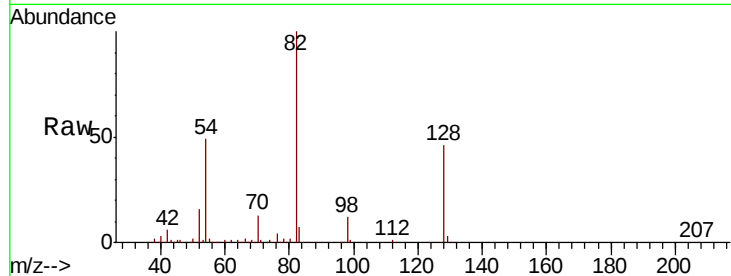




#23
Nitrobenzene-d5
Concen: 77.851 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

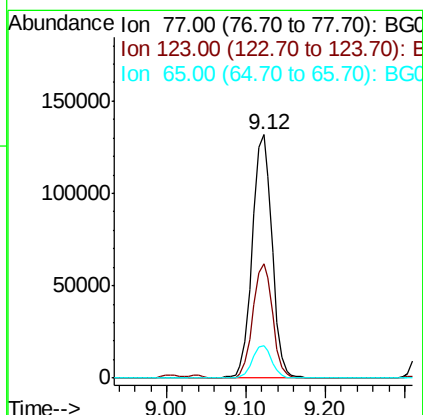
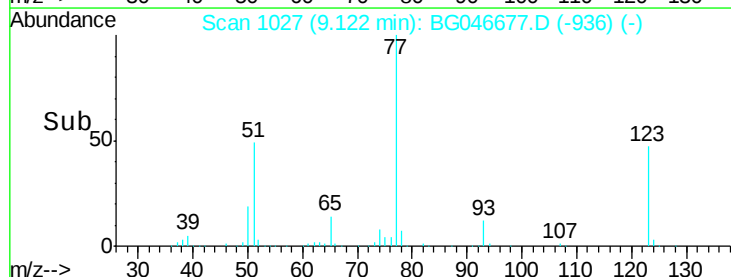
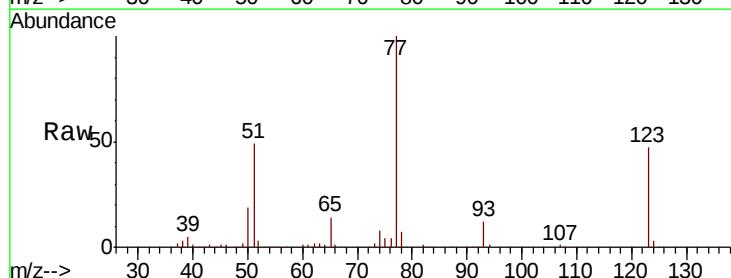
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

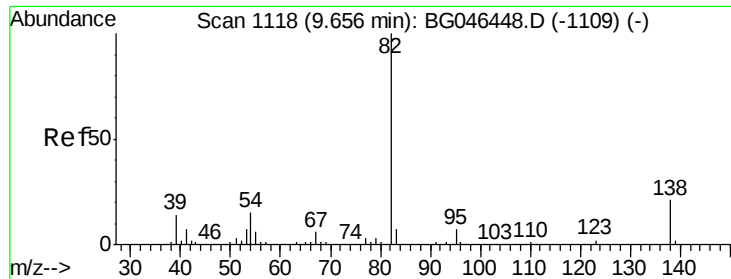
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.6
54	48.6	39.0	58.4



#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	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

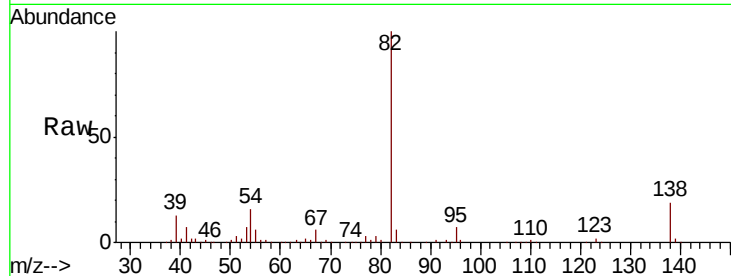
Tot Ion: 82 Resp: 439805

Ion Ratio Lower Upper

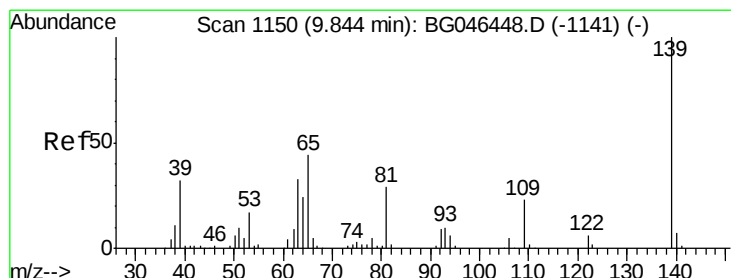
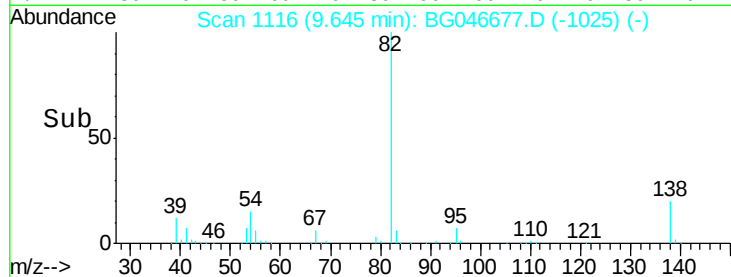
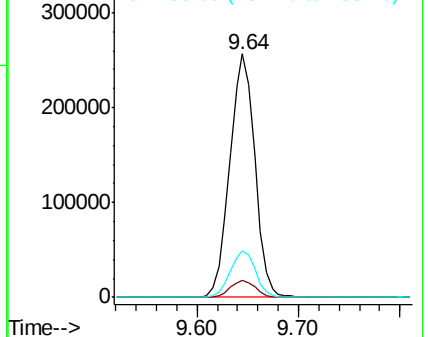
82 100

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

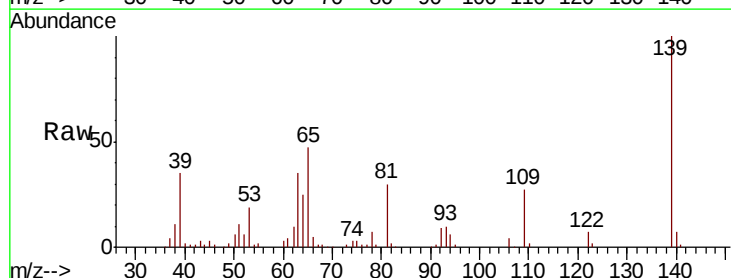
Tgt Ion: 139 Resp: 125152

Ion Ratio Lower Upper

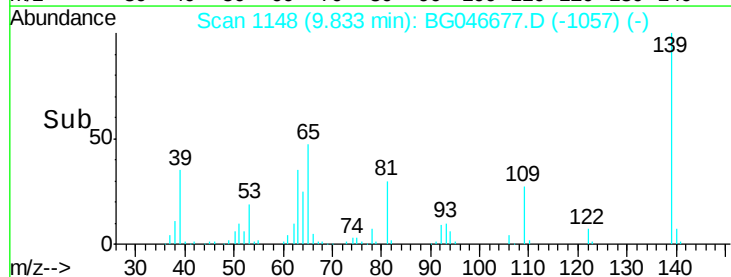
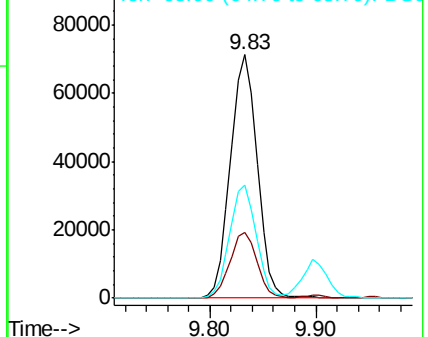
139 100

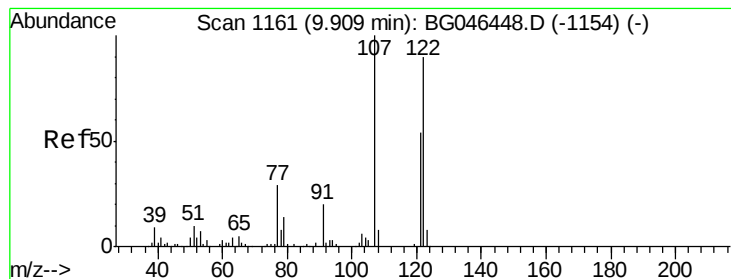
109 26.9 20.7 31.1

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

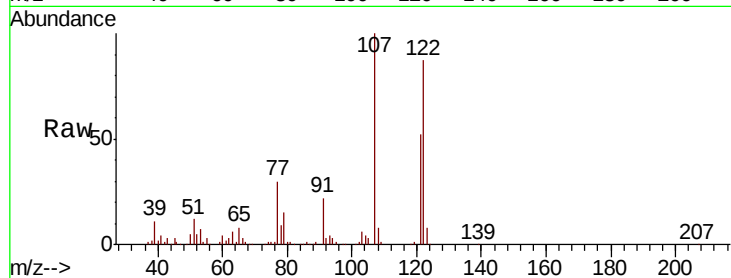
Tot Ion:122 Resp: 205746

Ion Ratio Lower Upper

122 100

107 114.6 89.2 133.8

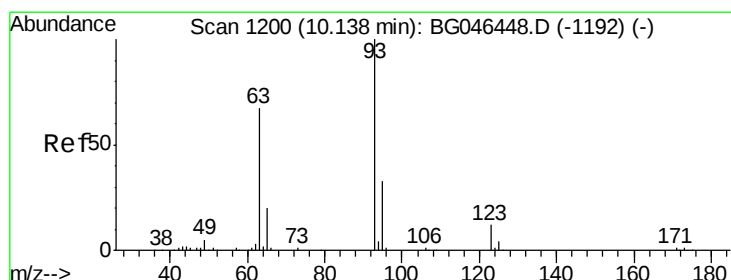
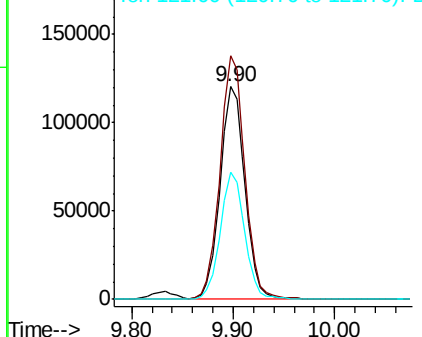
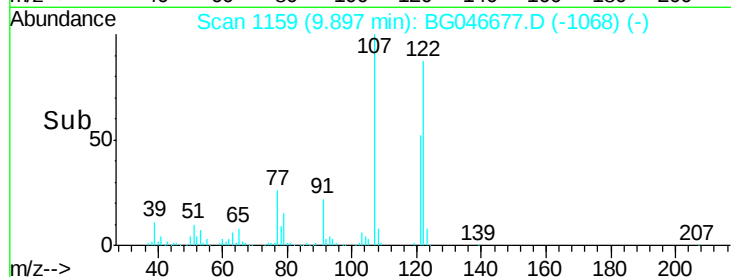
121 59.9 46.9 70.3



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

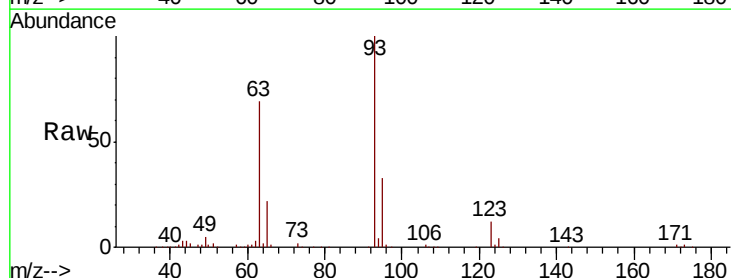
Tgt Ion: 93 Resp: 268986

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

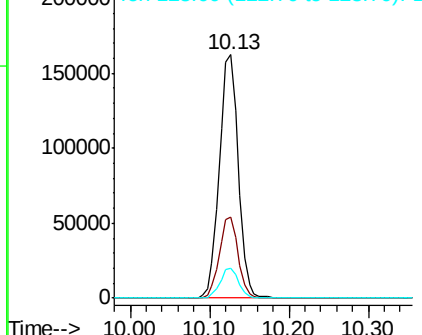
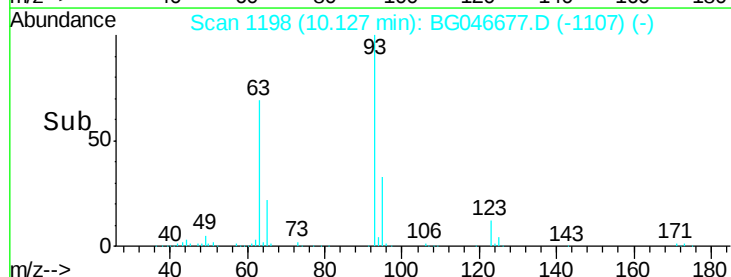
123 12.2 9.4 14.0

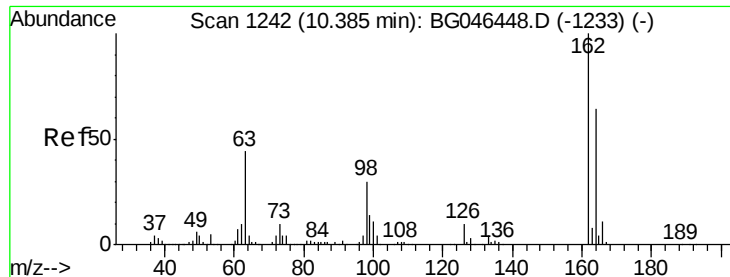


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

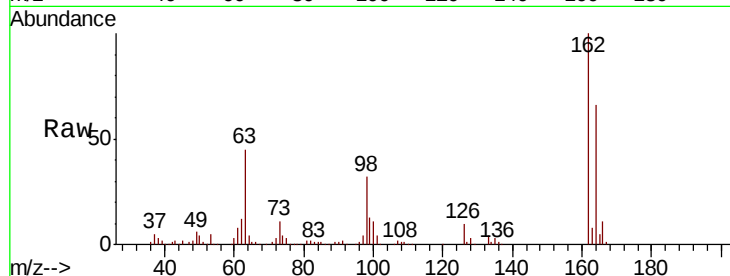




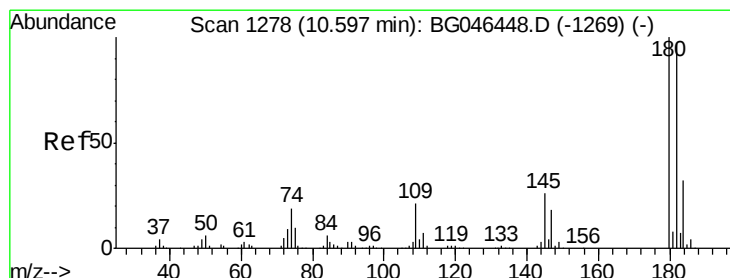
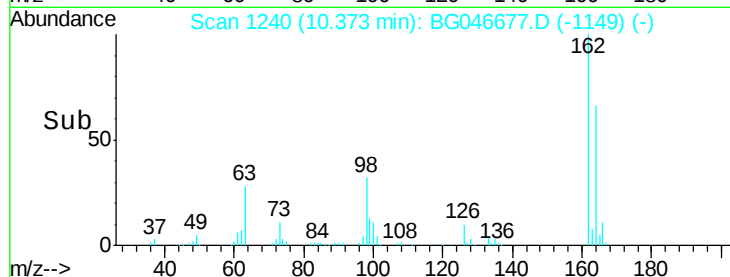
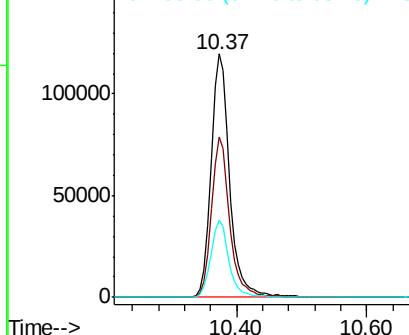
#29
 2,4-Dichlorophenol
 Concen: 47.509 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

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

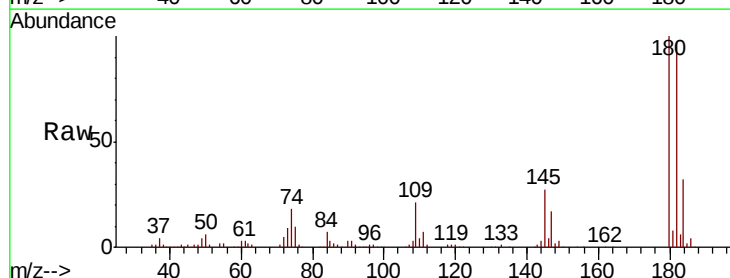


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

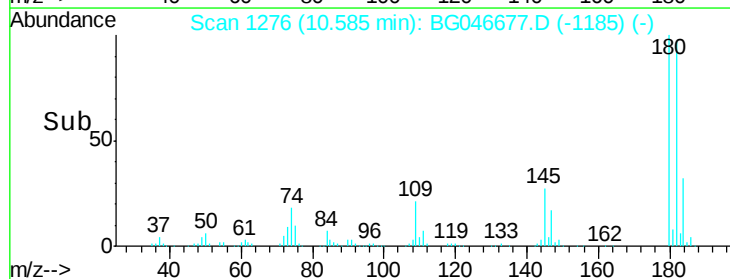
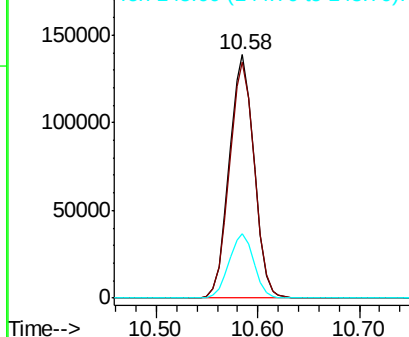


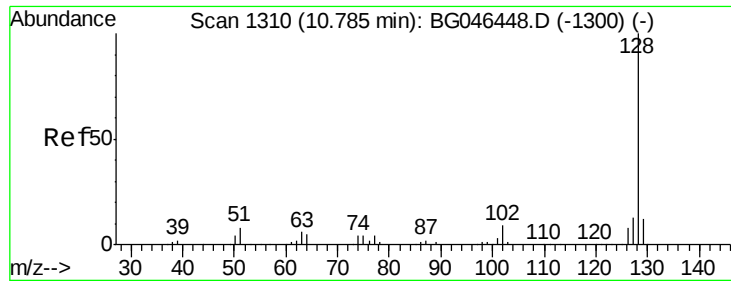
#30
 1,2,4-Trichlorobenzene
 Concen: 39.748 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion	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

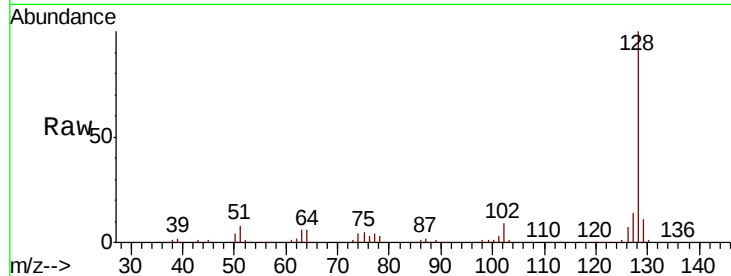




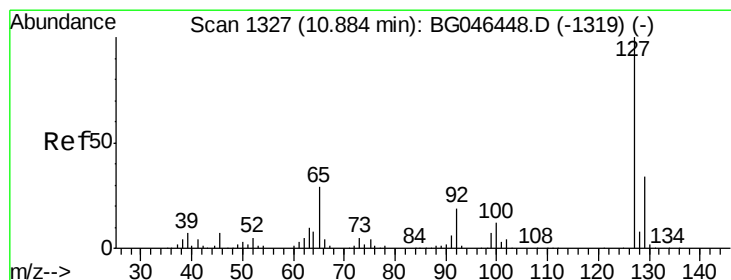
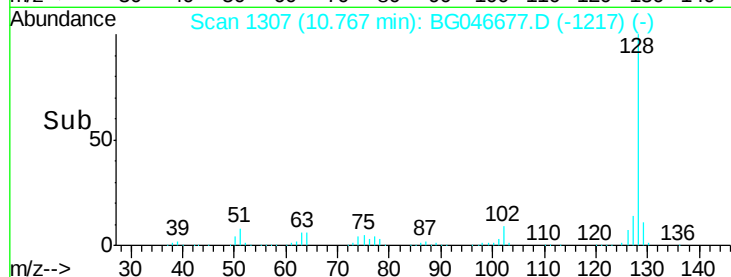
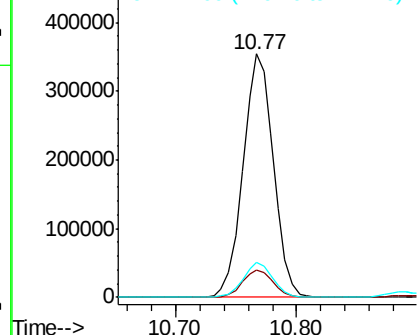
#31
Naphthalene
Concen: 42.439 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

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

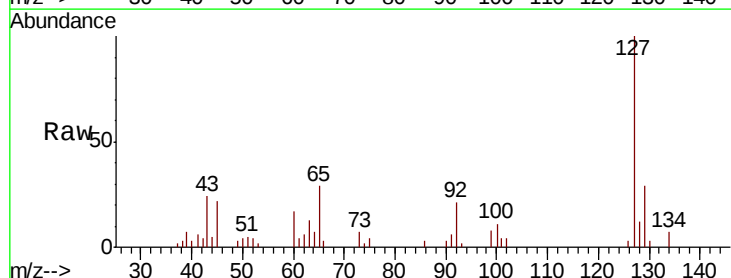


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

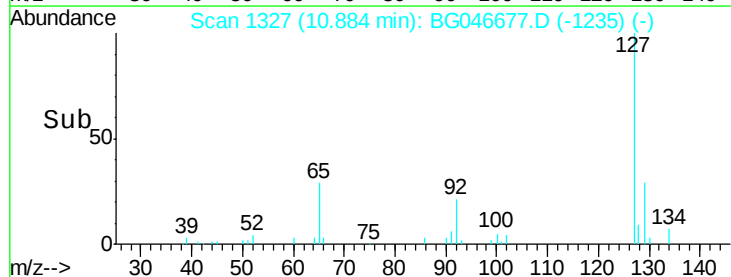
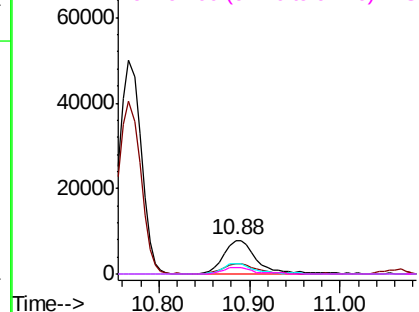


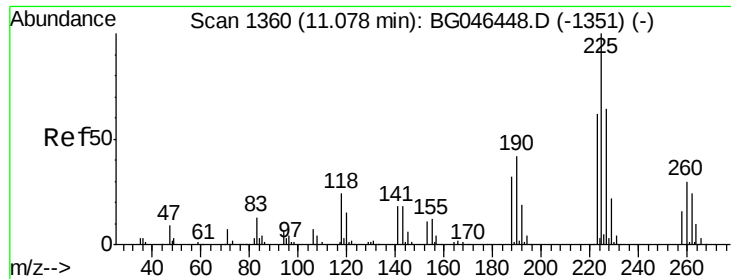
#33
4-Chloroaniline
Concen: 3.113 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt 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): BGC
Ion 92.00 (91.70 to 92.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

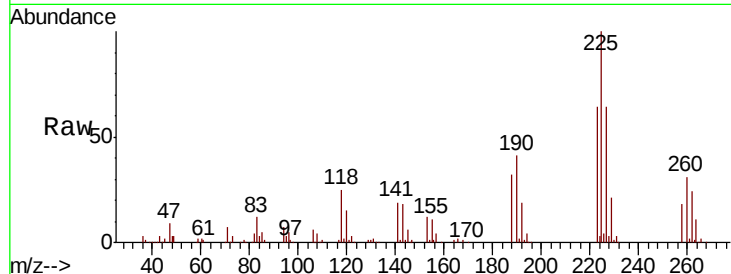
Tot Ion:225 Resp: 144745

Ion Ratio Lower Upper

225 100

223 63.9 49.5 74.3

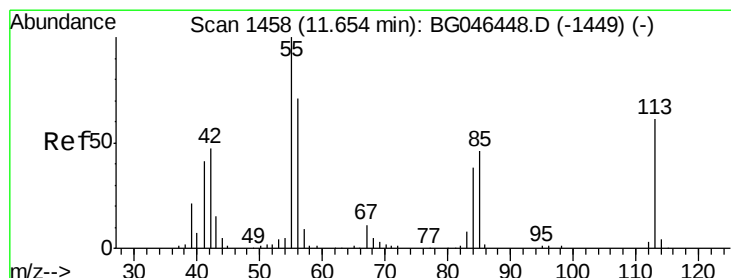
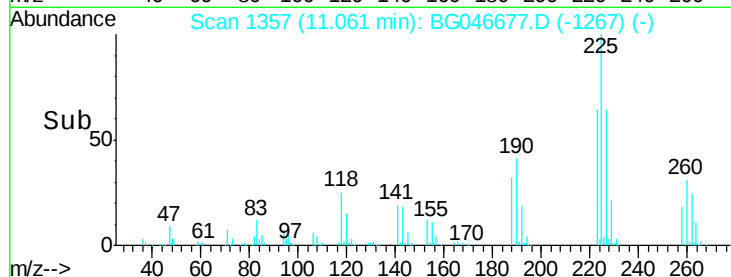
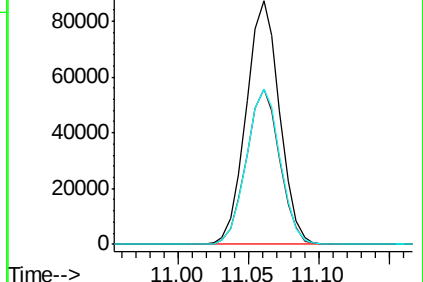
227 63.7 52.0 78.0



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

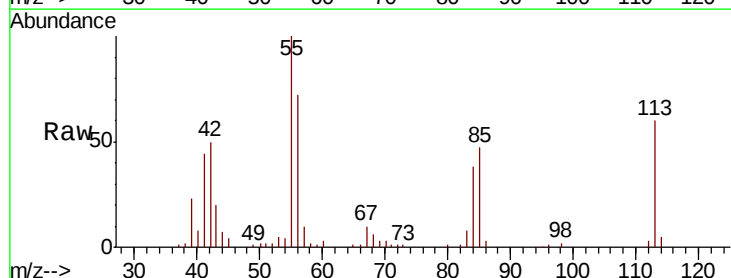
Tgt Ion:113 Resp: 60162

Ion Ratio Lower Upper

113 100

55 165.6 149.2 189.2

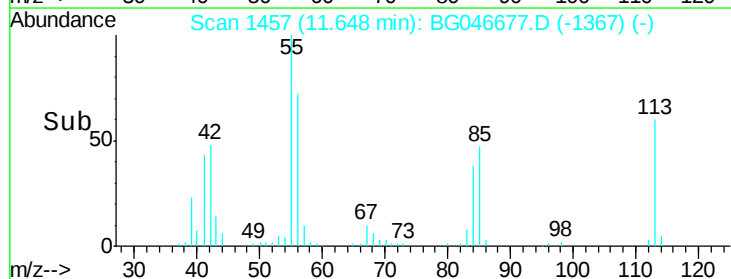
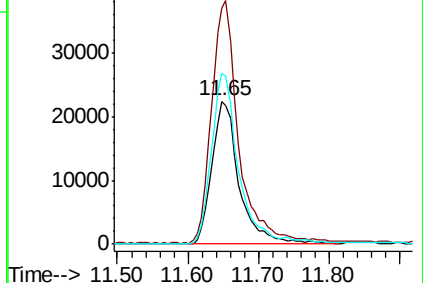
56 119.7 107.2 147.2

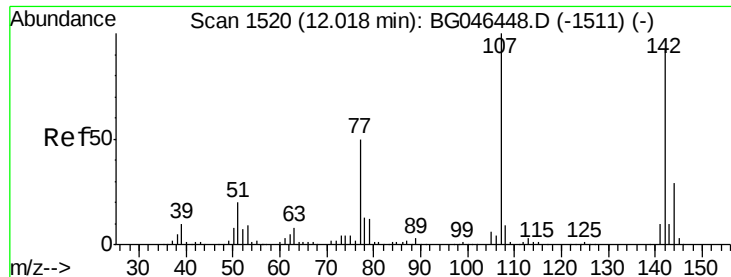


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

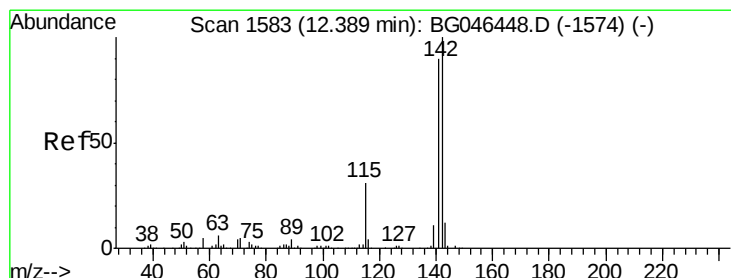
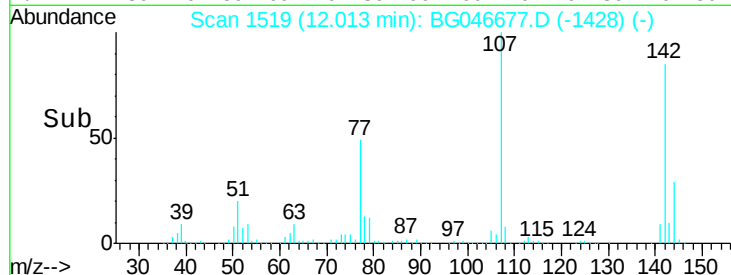
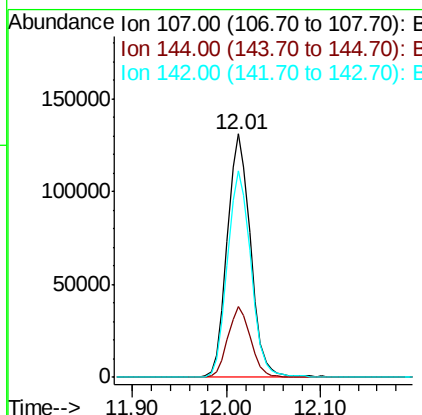
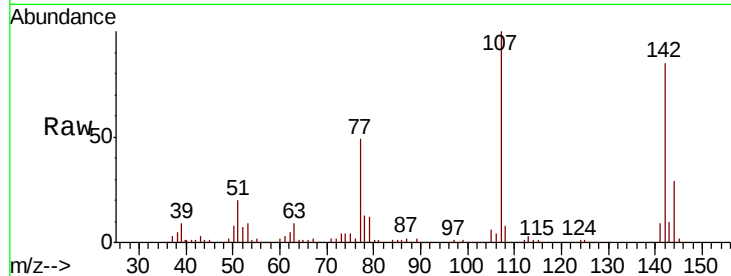




#36
4-Chloro-3-methylphenol
Concen: 46.488 ng
RT: 12.01 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

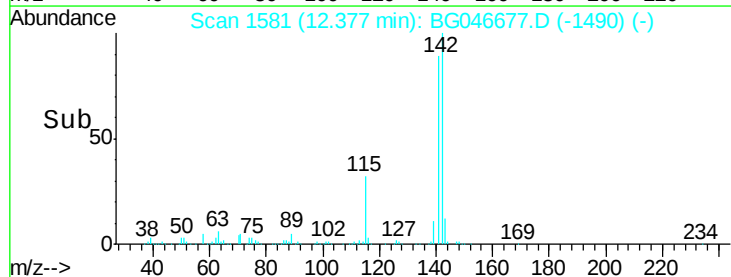
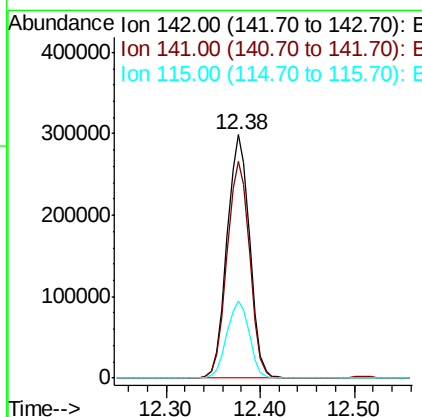
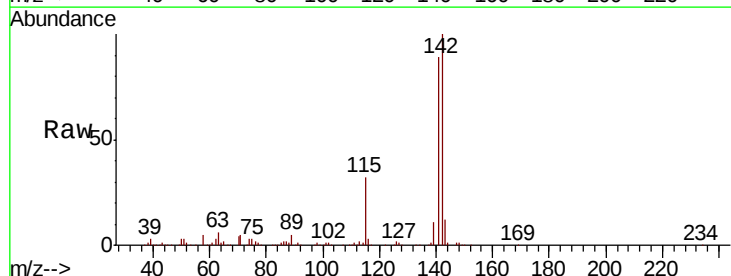
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

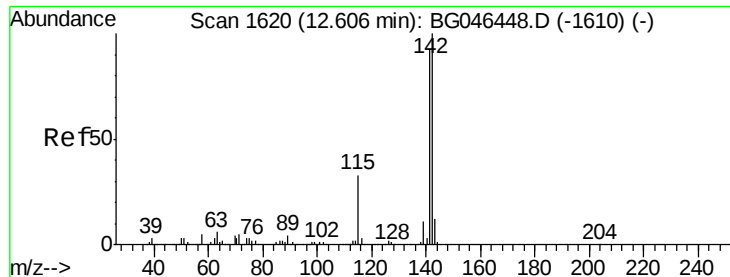
Tot Ion:107 Resp: 226583
Ion Ratio Lower Upper
107 100
144 28.8 22.5 33.7
142 84.9 70.8 106.2



#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

Tgt Ion:142 Resp: 497371
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 31.8 25.4 38.2

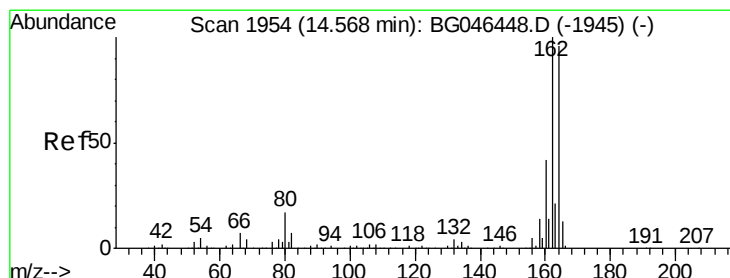
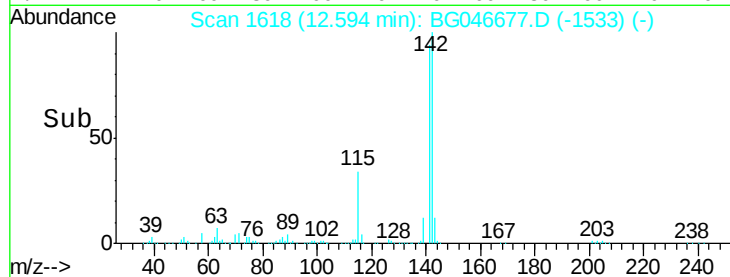
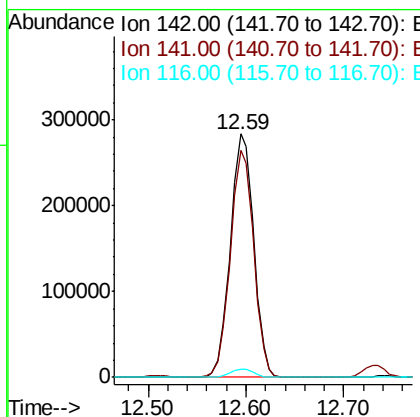
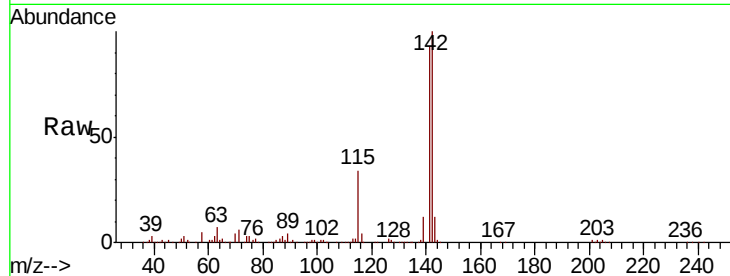




#38
1-Methylnaphthalene
Concen: 43.279 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

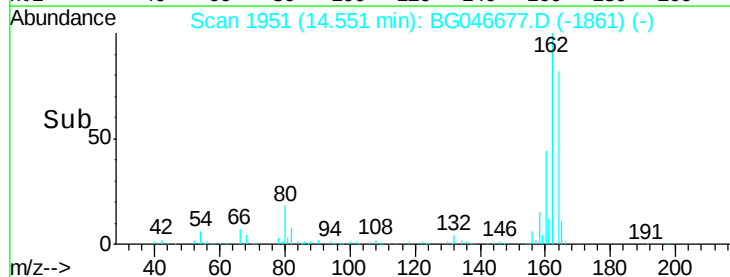
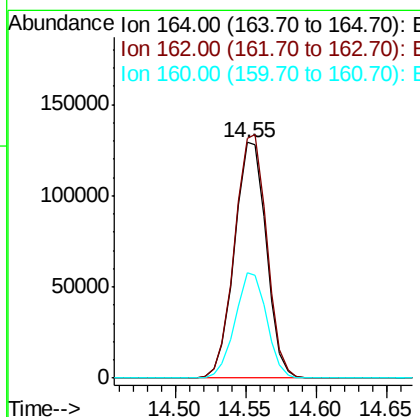
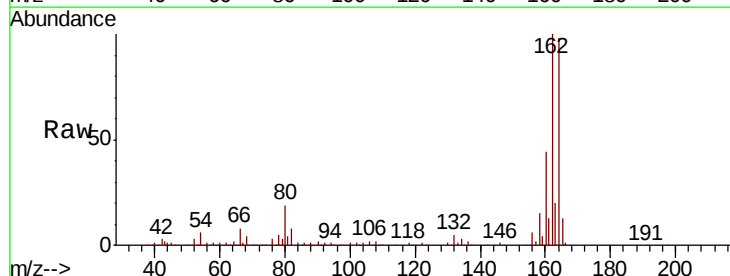
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

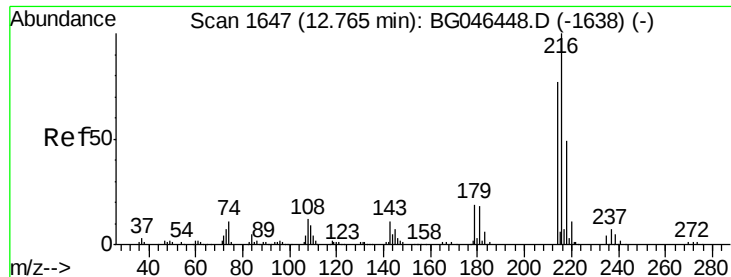
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.4	113.2
116	3.6	2.9	4.3



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	45.0	35.3	52.9





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

Tot Ion:216 Resp: 301453

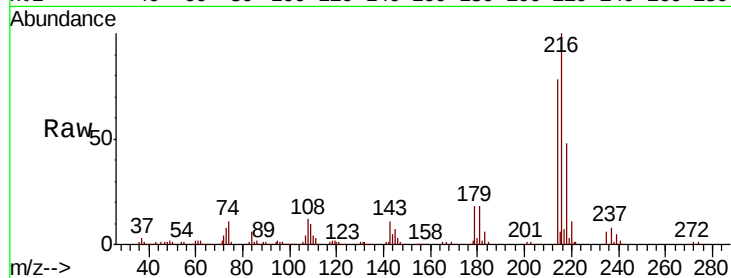
Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

179 18.7 14.8 22.2

108 14.4 10.2 15.4

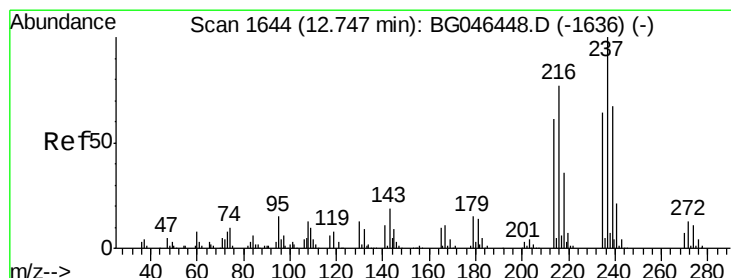
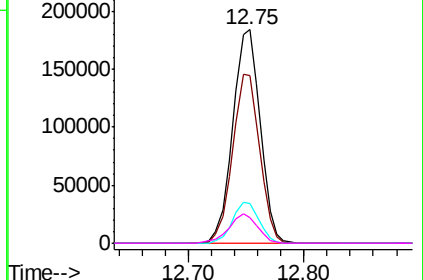
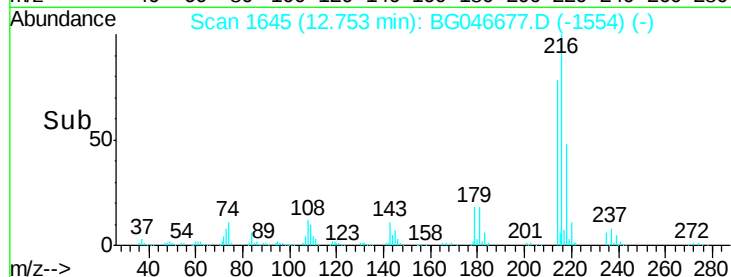


Abundance Ion 216.00 (215.70 to 216.70): E

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

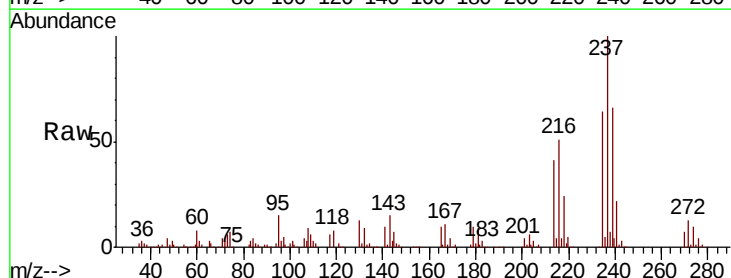
Tgt Ion:237 Resp: 223460

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

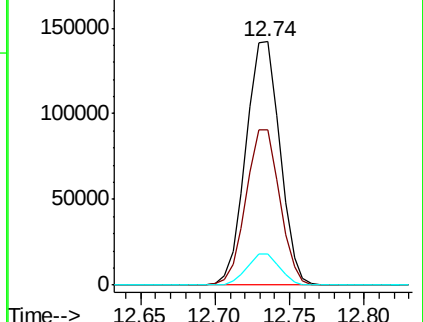
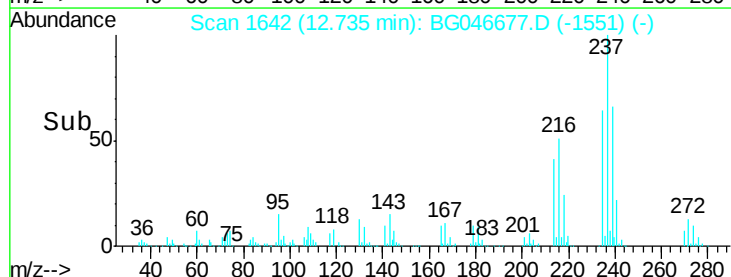
272 12.9 0.0 33.1

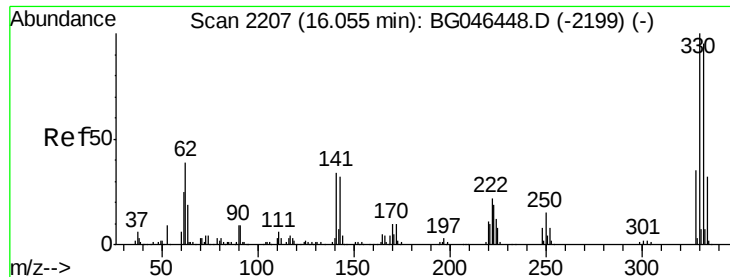


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

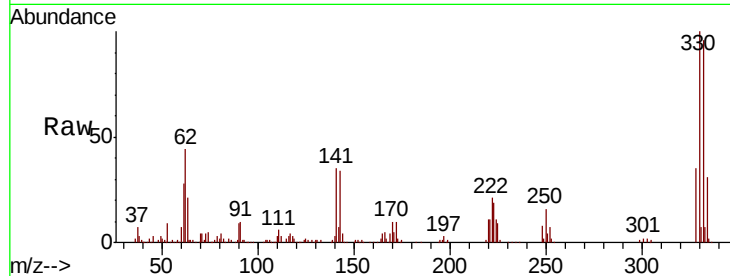




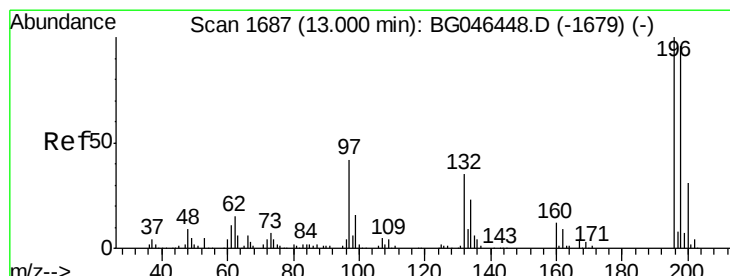
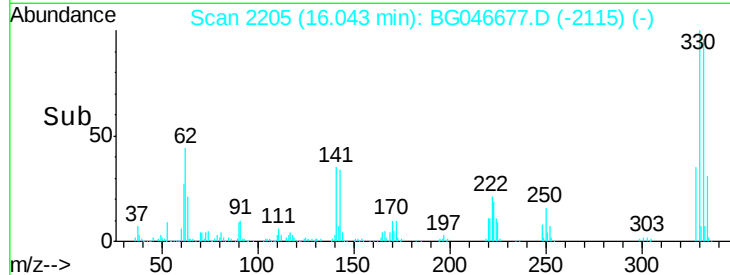
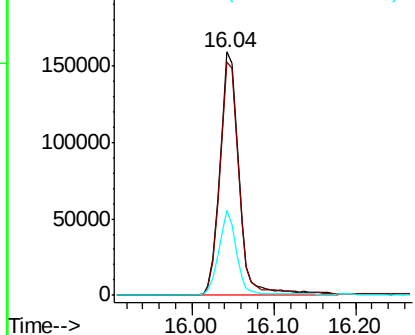
#42
 2,4,6-Tribromophenol
 Concen: 95.633 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

Tot Ion:330 Resp: 262801
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.5 114.7
 141 32.8 26.0 39.0

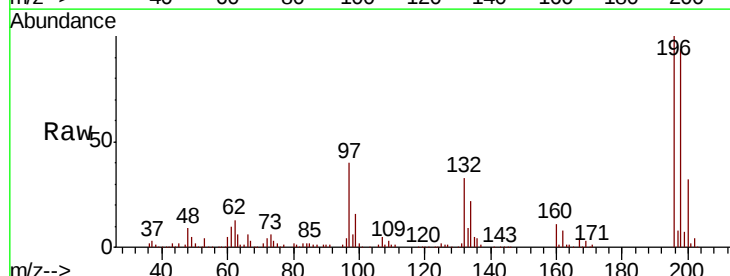


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

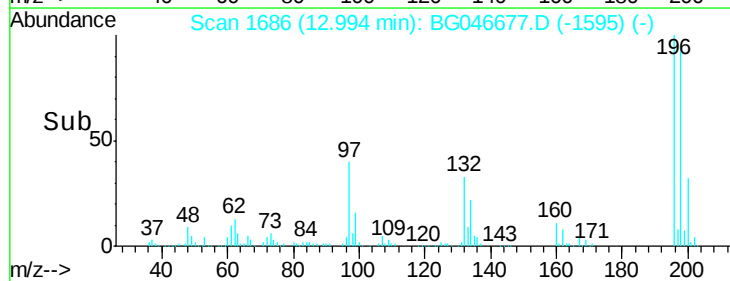
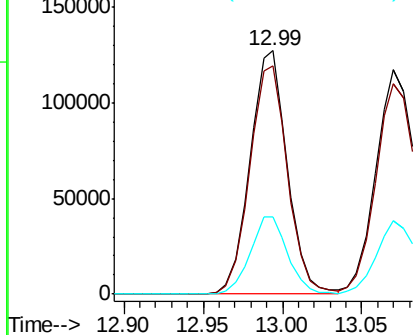


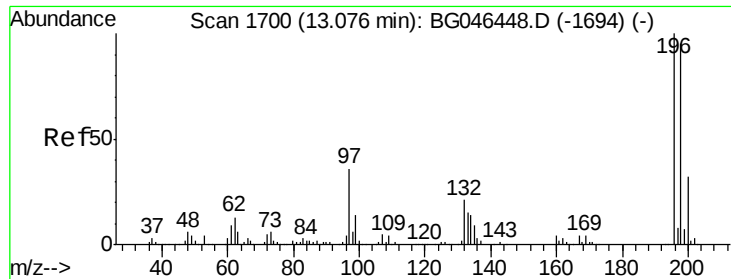
#43
 2,4,6-Trichlorophenol
 Concen: 45.872 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

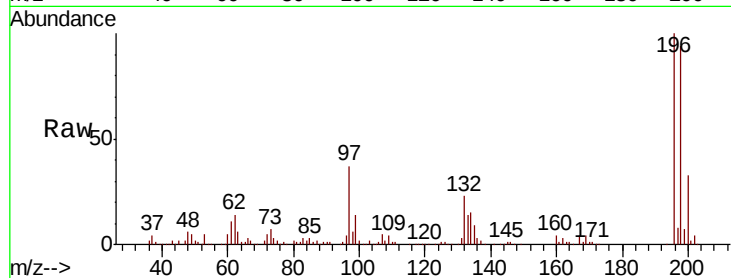




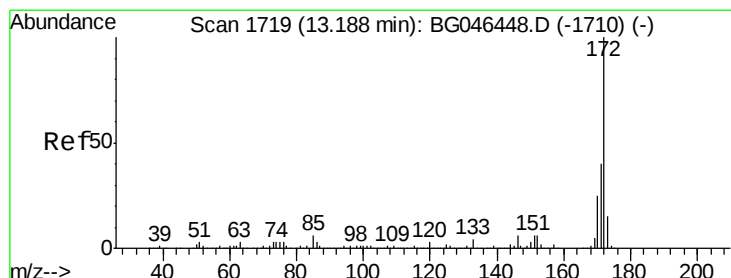
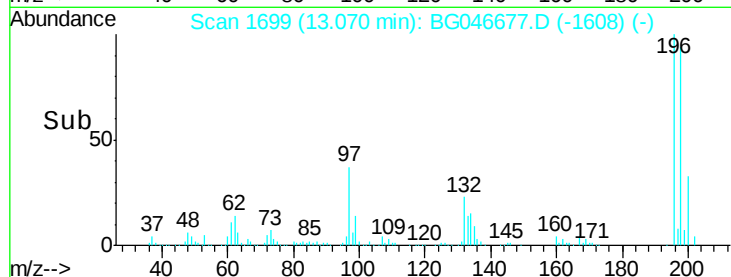
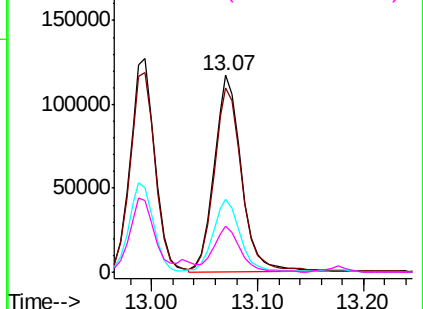
#44
 2,4,5-Trichlorophenol
 Concen: 44.216 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

Tot 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

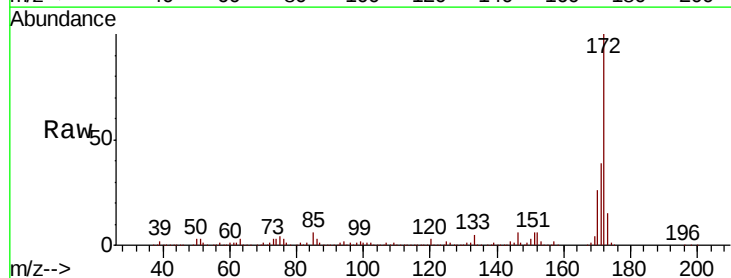


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

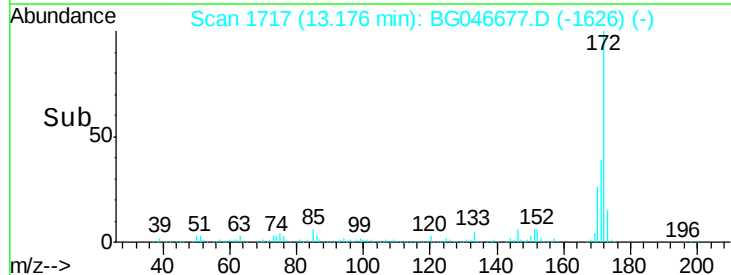
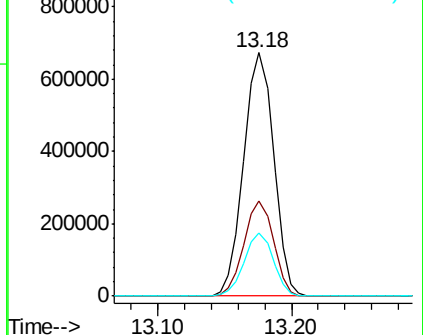


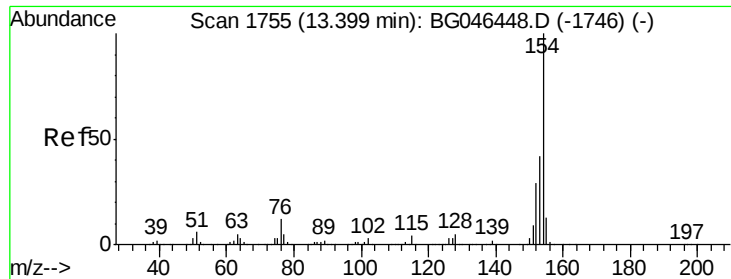
#45
 2-Fluorobiphenyl
 Concen: 79.017 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

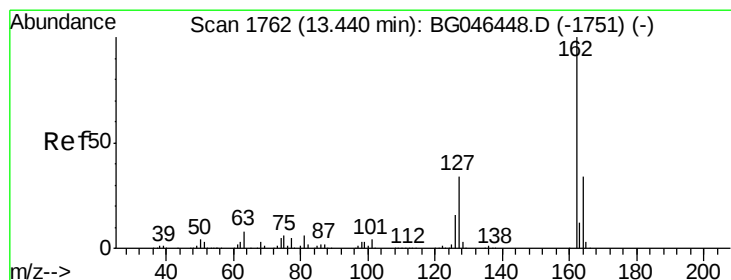
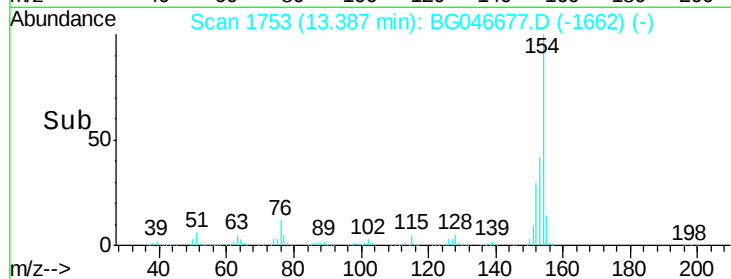
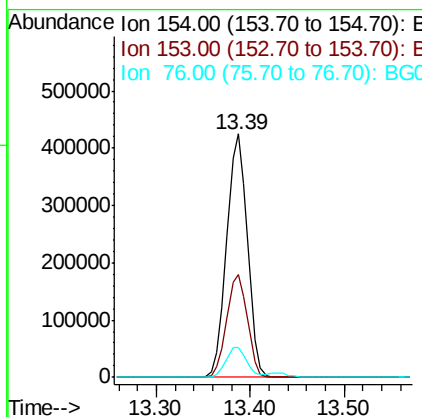
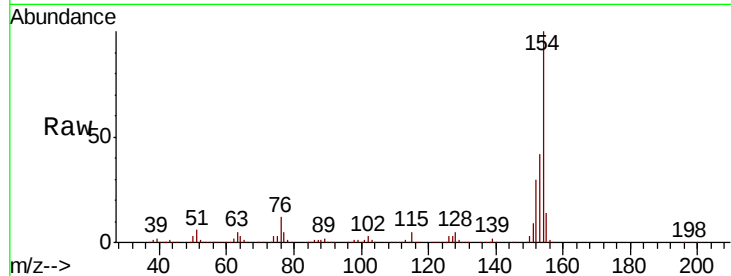




#46
 1,1'-Biphenyl
 Concen: 46.065 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

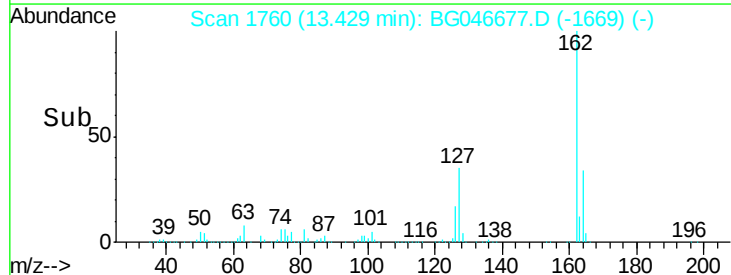
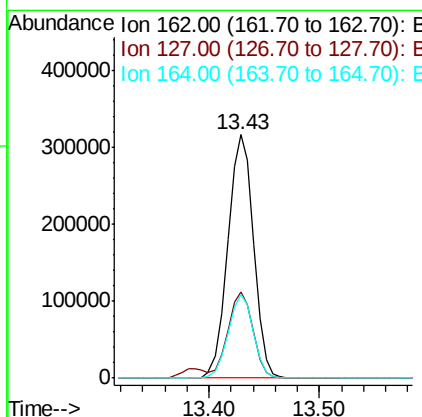
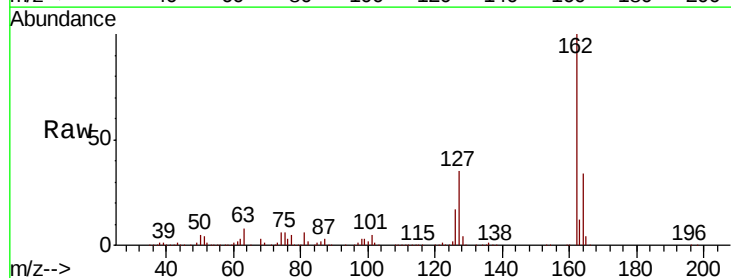
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

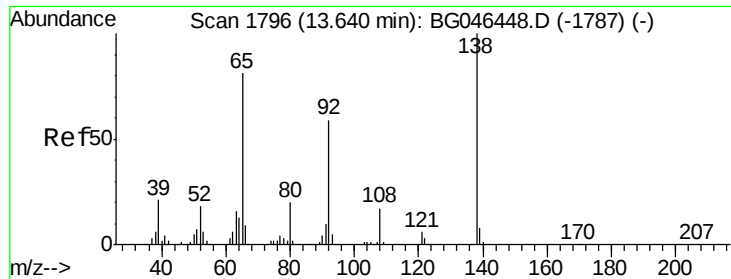
Tot Ion:154	Resp:	650016
Ion	Ratio	Lower Upper
154	100	
153	42.0	22.6 62.6
76	12.3	0.0 32.6



#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

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

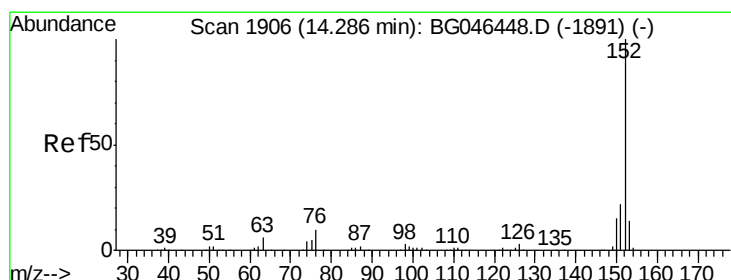
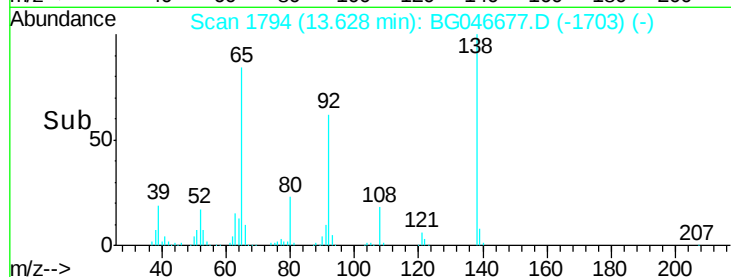
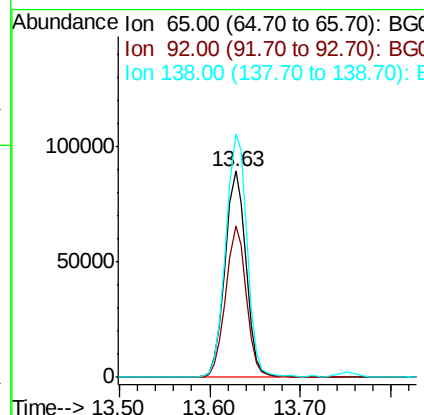
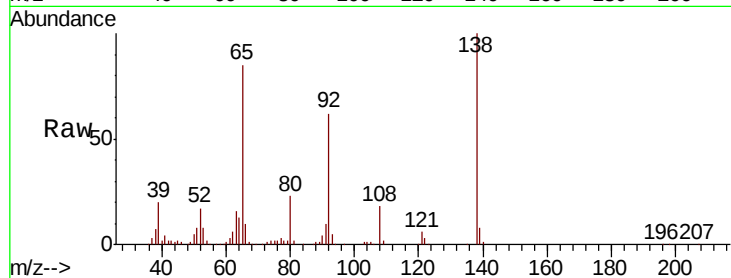




#48
 2-Nitroaniline
 Concen: 43.330 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

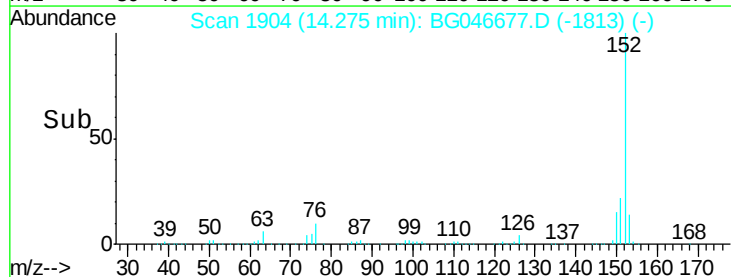
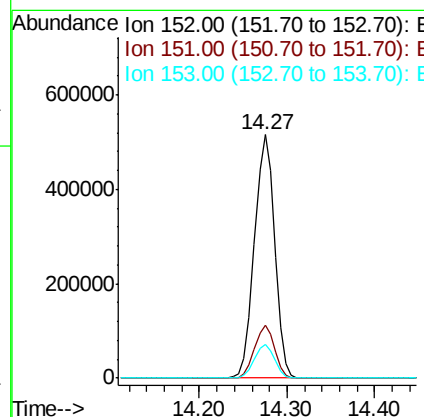
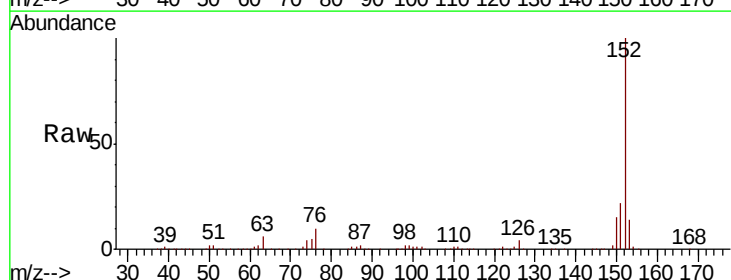
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MS

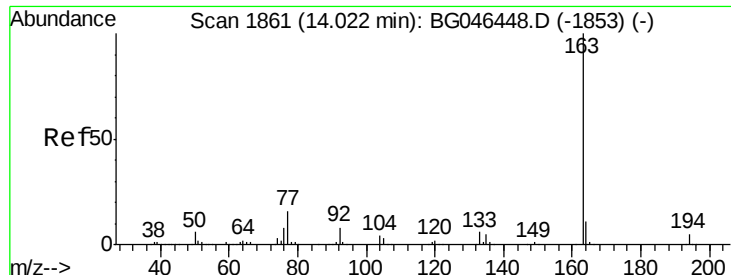
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.6	88.0
138	118.1	98.2	147.4



#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

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.0
153	14.0	11.5	17.3





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

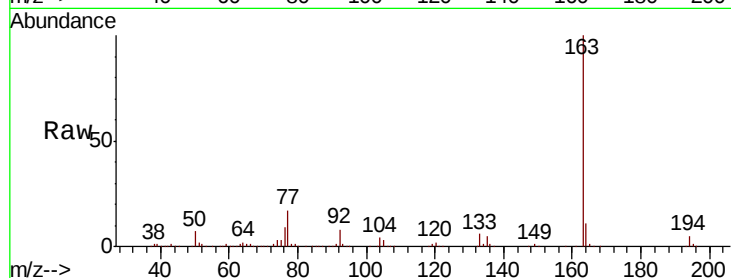
Tot Ion:163 Resp: 659248

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

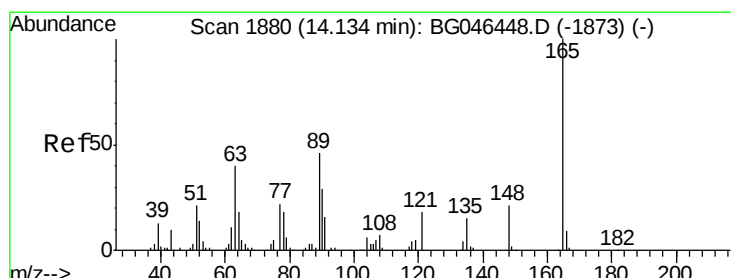
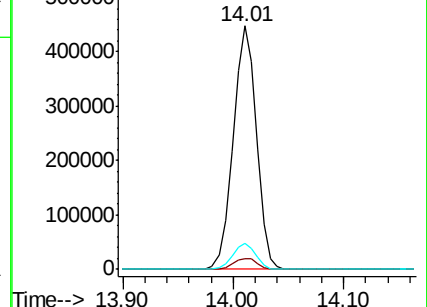
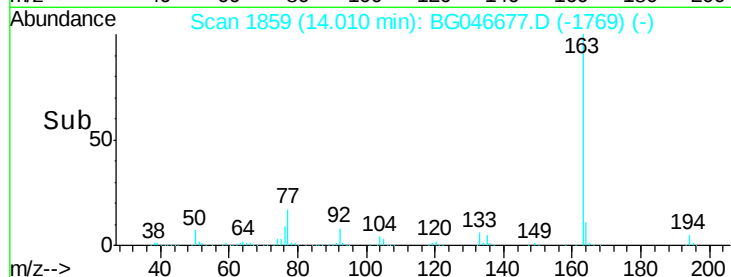
164 10.9 8.8 13.2



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

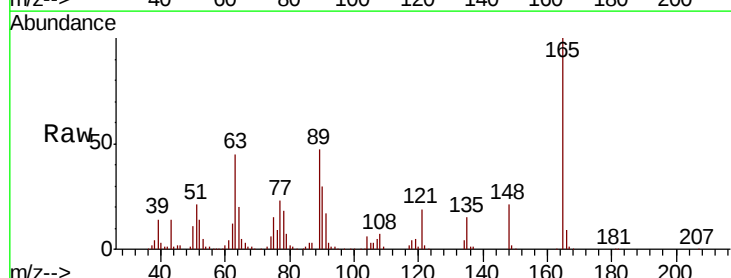
Tgt Ion:165 Resp: 150775

Ion Ratio Lower Upper

165 100

63 44.7 33.7 50.5

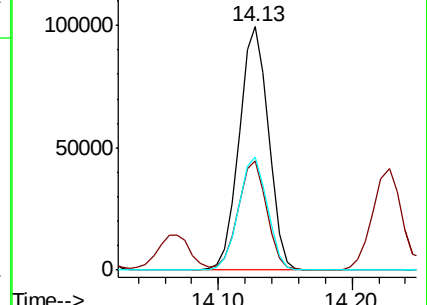
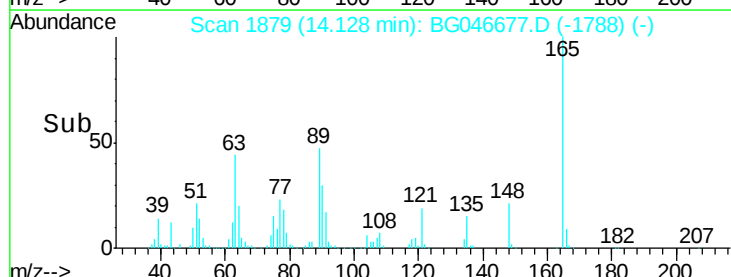
89 46.5 36.6 54.8

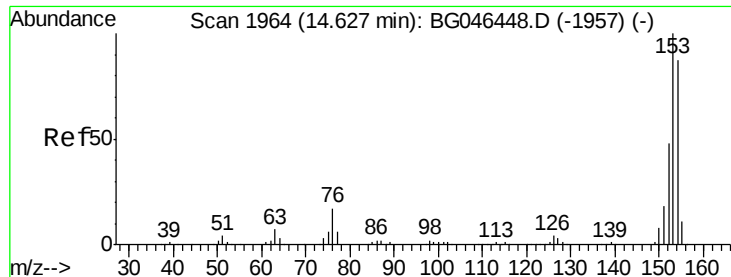


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

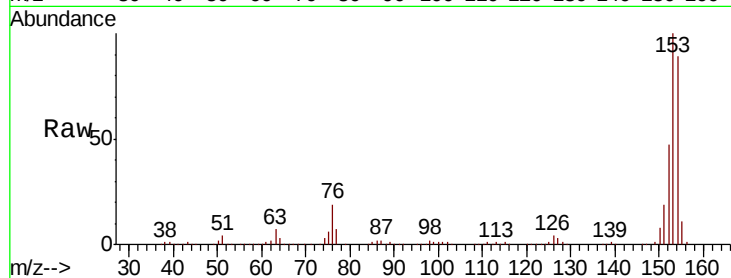
Tot Ion:154 Resp: 490051

Ion Ratio Lower Upper

154 100

153 113.0 90.3 135.5

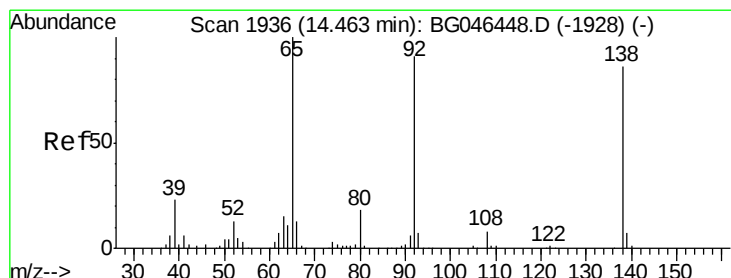
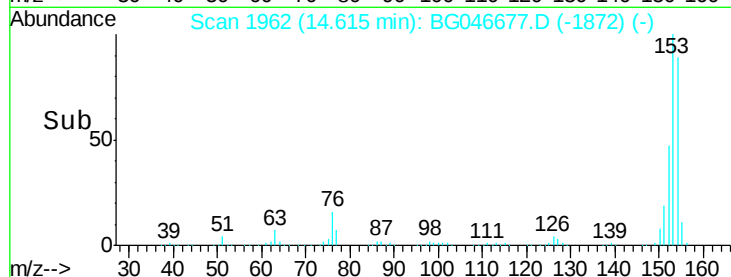
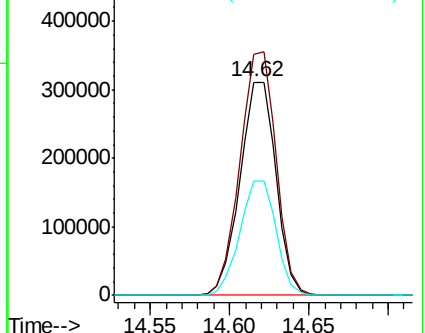
152 53.6 43.8 65.8



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

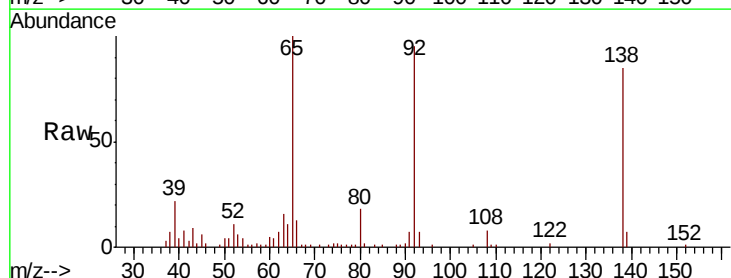
Tgt Ion:138 Resp: 42339

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.0

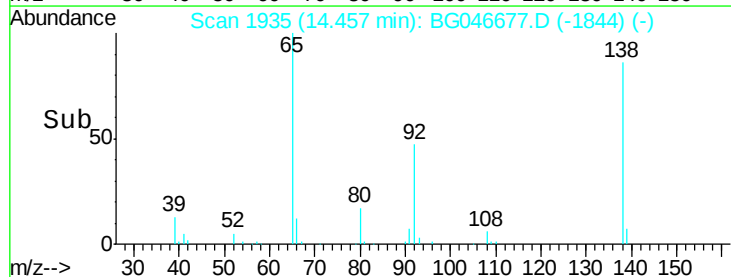
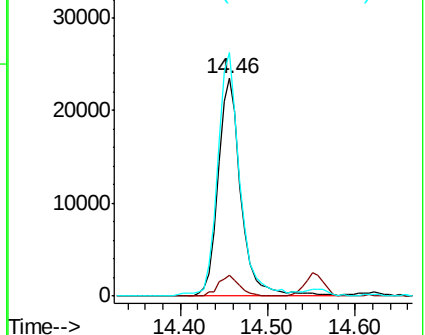
92 111.9 85.2 127.8

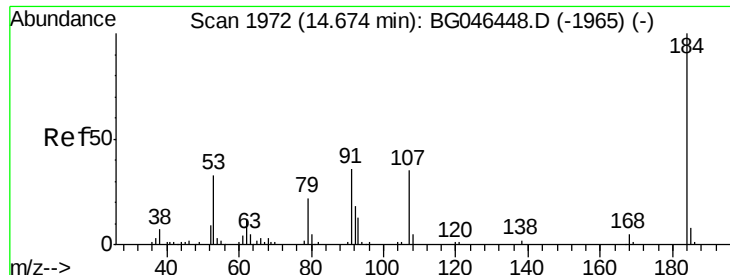


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

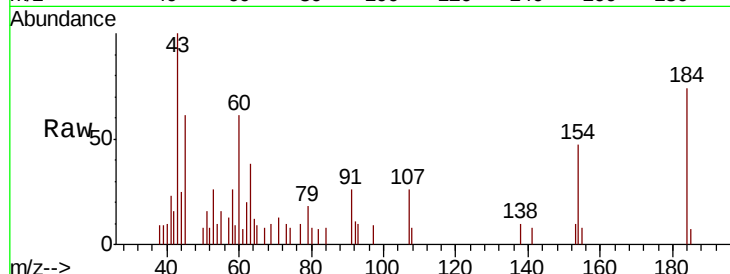




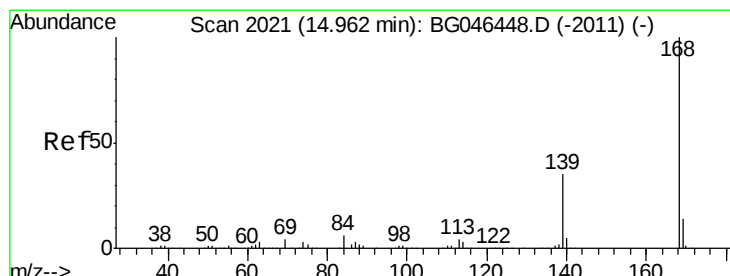
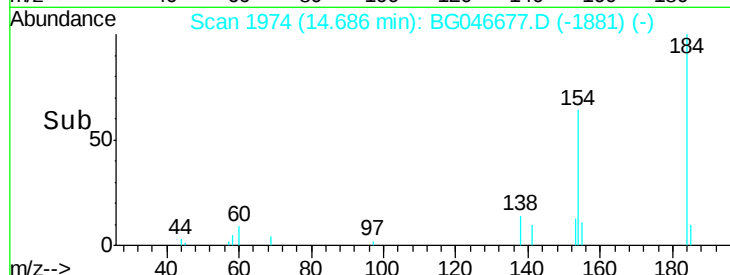
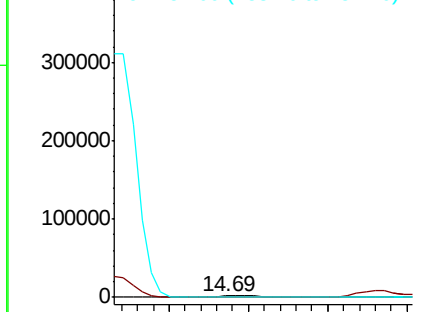
#54
 2,4-Dinitrophenol
 Concen: 2.364 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.02 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

Tot Ion:184 Resp: 4773
 Ion Ratio Lower Upper
 184 100
 63 51.7 32.3 48.5#
 154 63.9 40.4 60.6#

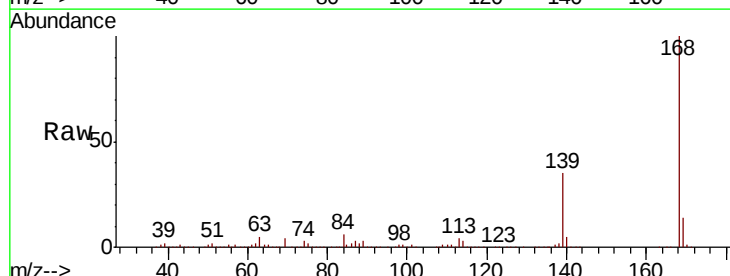


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

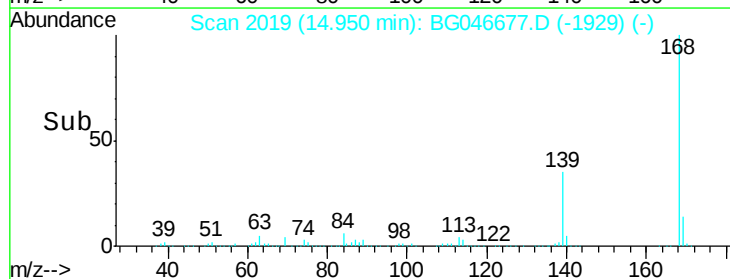
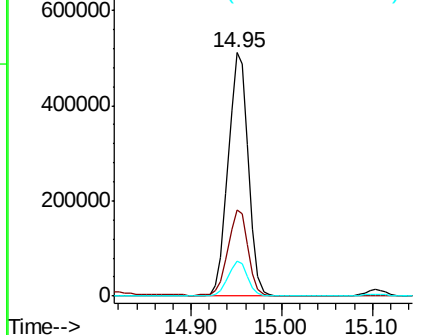


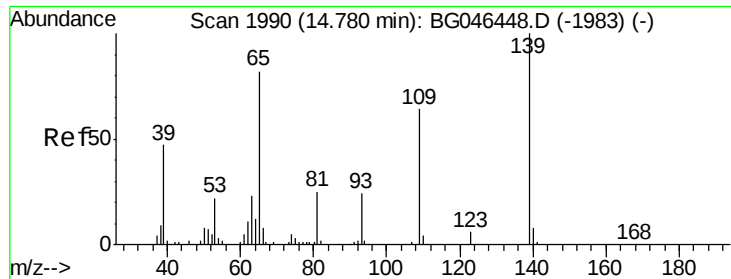
#55
 Dibenzofuran
 Concen: 43.556 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

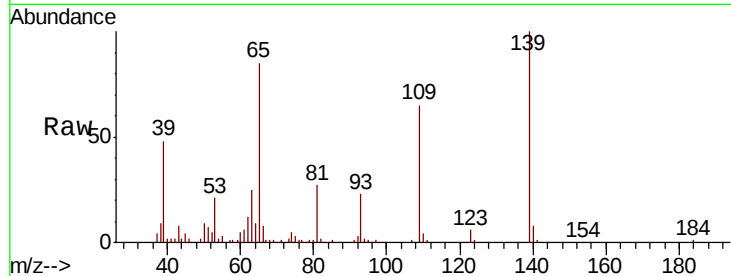
Tot Ion:139 Resp: 94945

Ion Ratio Lower Upper

139 100

109 64.8 45.9 85.9

65 85.2 65.4 105.4

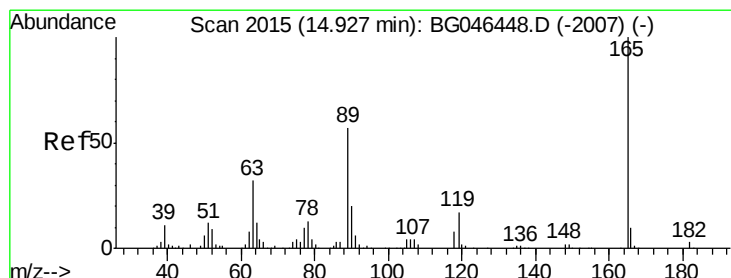
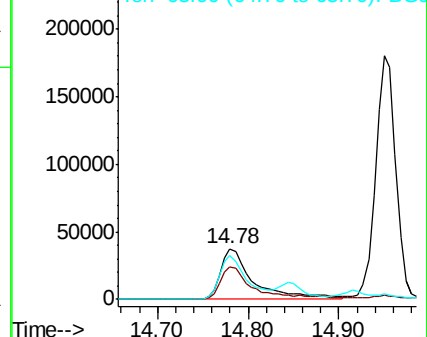
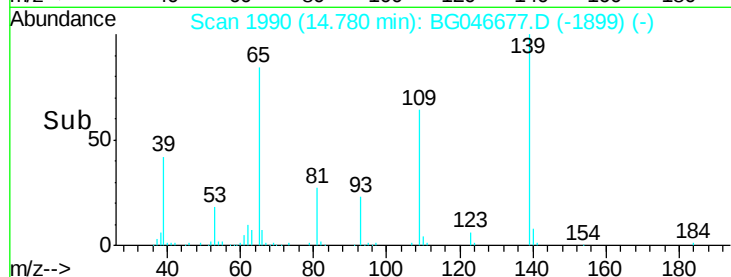


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#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

Tgt Ion:165 Resp: 204917

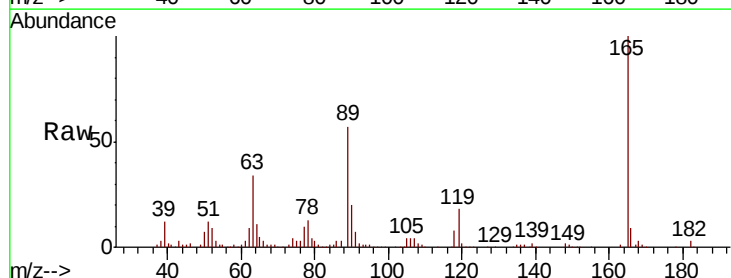
Ion Ratio Lower Upper

165 100

63 33.9 26.4 39.6

89 56.8 47.8 71.8

182 2.9 2.6 4.0



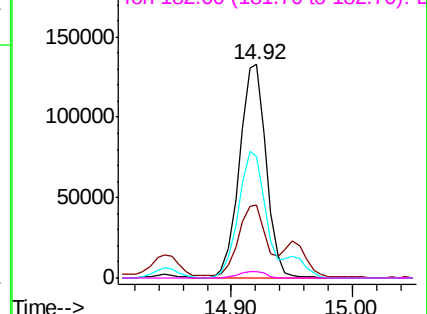
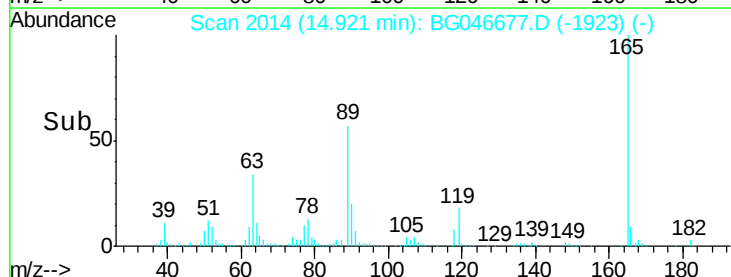
Abundance

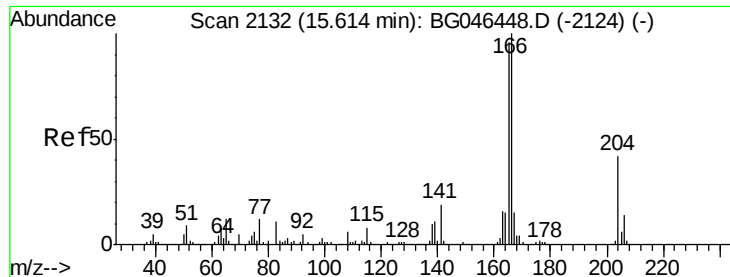
Ion 165.00 (164.70 to 165.70): E

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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

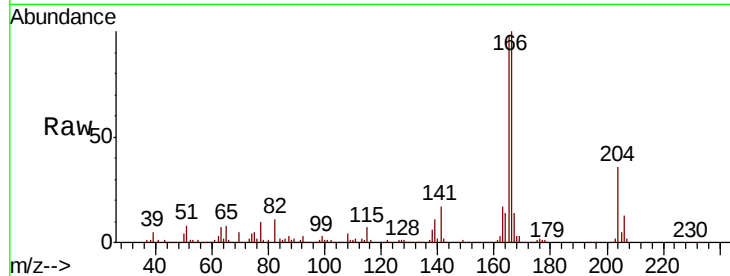
Tot Ion:166 Resp: 647565

Ion Ratio Lower Upper

166 100

165 97.5 77.2 115.8

167 14.3 11.4 17.2

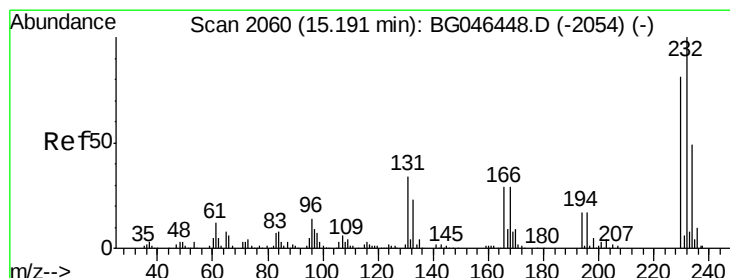
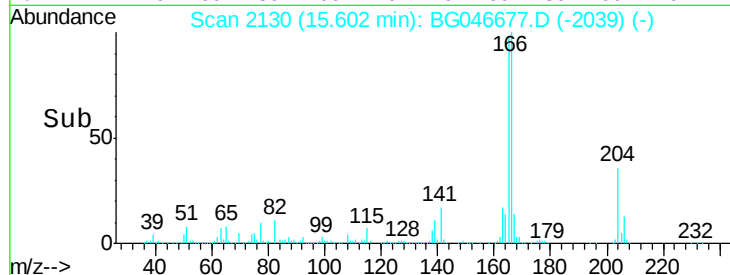
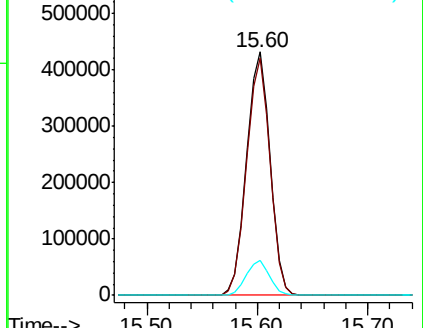


Abundance

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

Tgt Ion:232 Resp: 132306

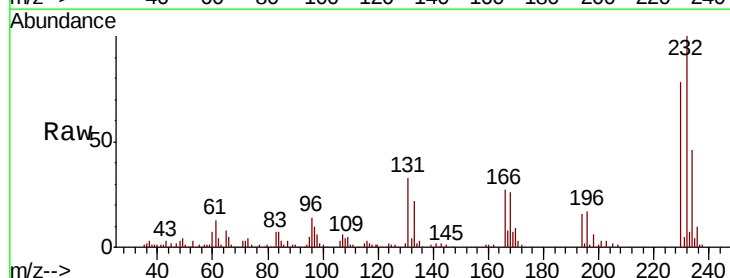
Ion Ratio Lower Upper

232 100

131 33.1 26.6 40.0

130 1.9 1.4 2.0

166 26.0 21.0 31.6



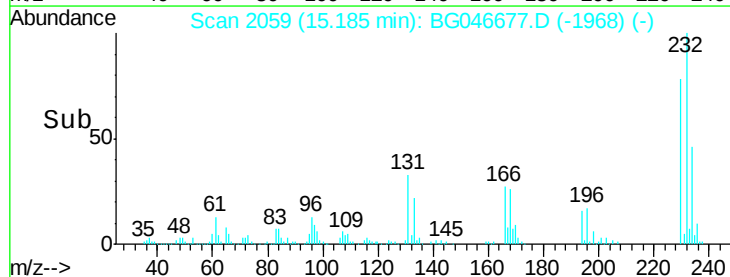
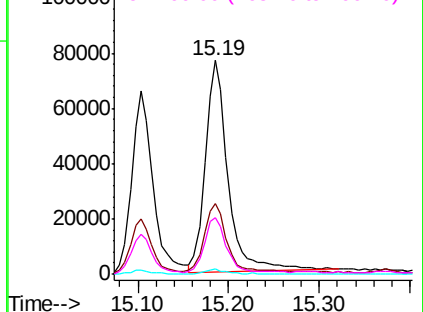
Abundance

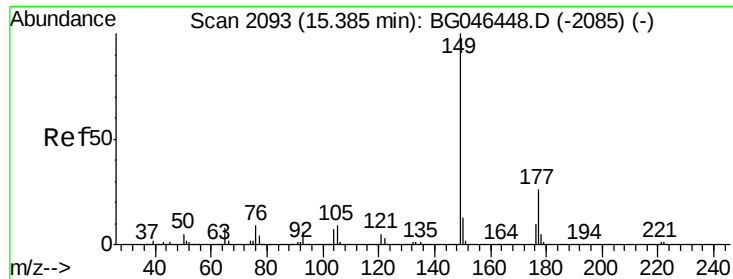
Ion 232.00 (231.70 to 232.70): E

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

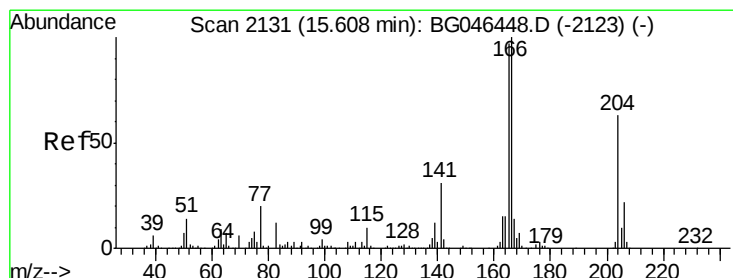
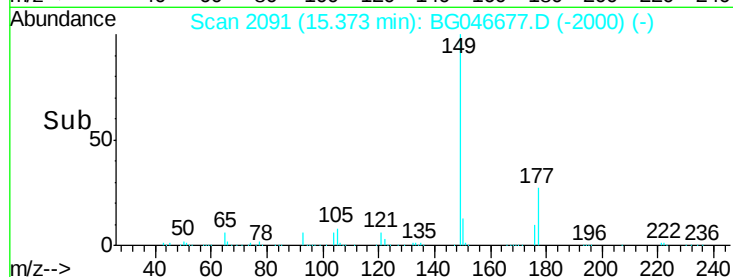
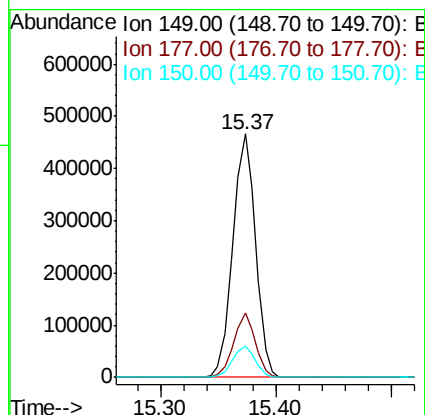
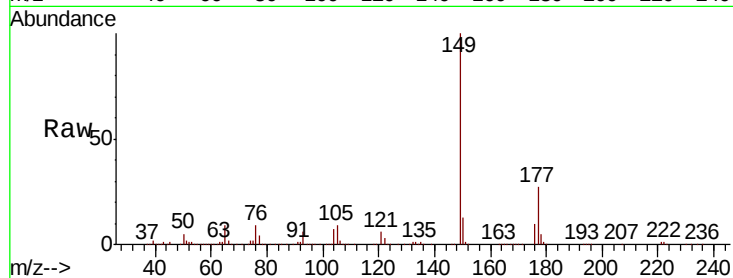




#60
Diethylphthalate
Concen: 41.314 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

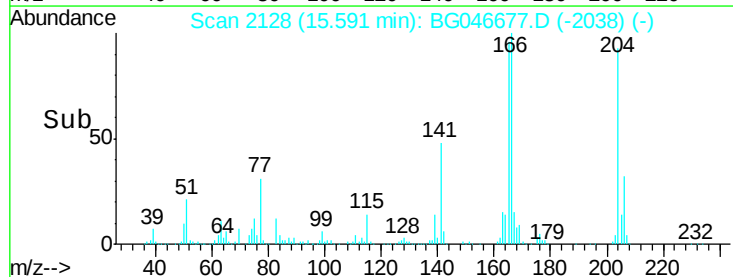
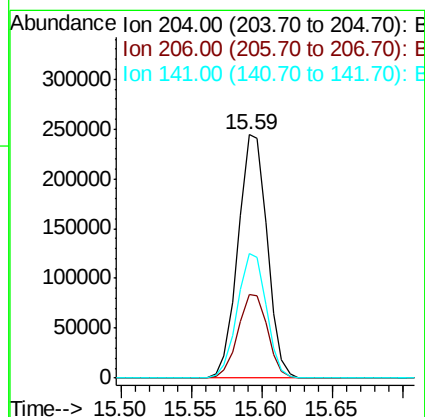
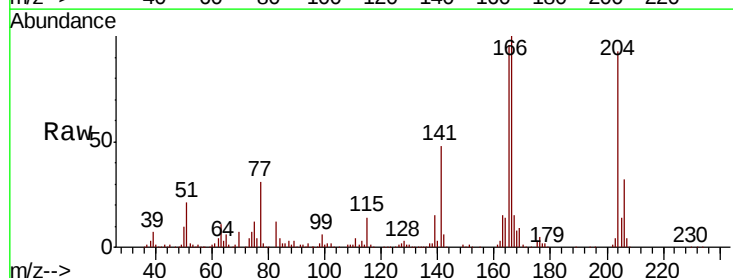
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

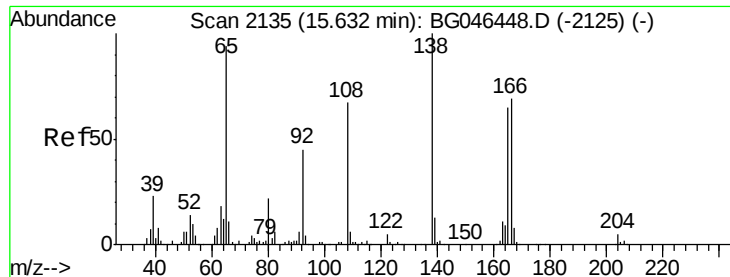
Tot Ion:149 Resp: 632036
Ion Ratio Lower Upper
149 100
177 26.7 21.4 32.2
150 12.9 10.7 16.1



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

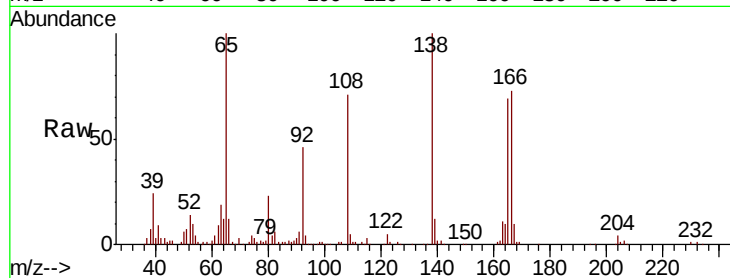
Tot Ion:138 Resp: 141530

Ion Ratio Lower Upper

138 100

92 45.6 26.9 66.9

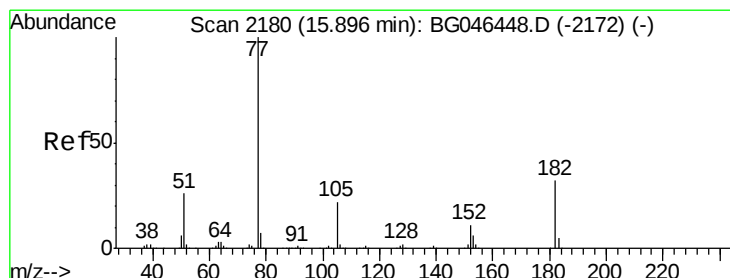
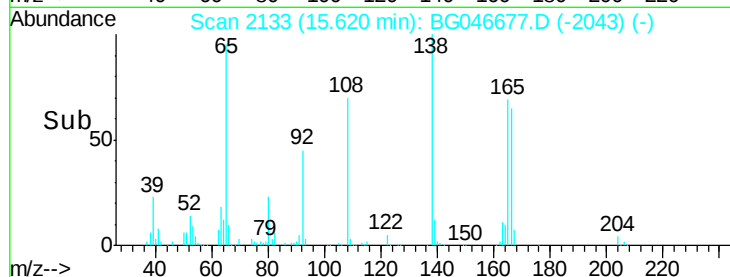
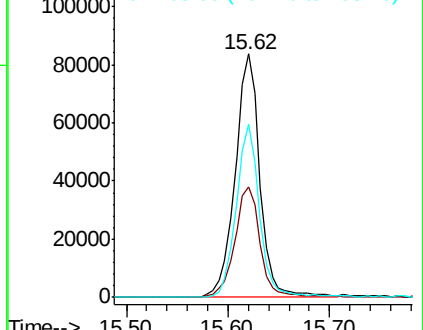
108 71.1 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#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

Tgt Ion: 77 Resp: 538107

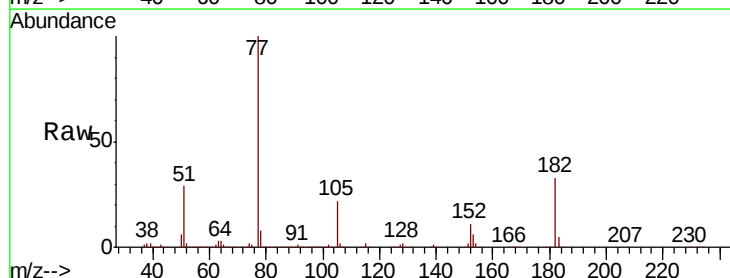
Ion Ratio Lower Upper

77 100

182 33.1 14.0 54.0

105 21.9 3.0 43.0

51 28.6 8.1 48.1

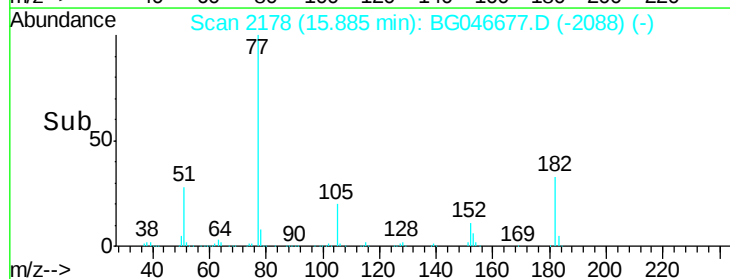
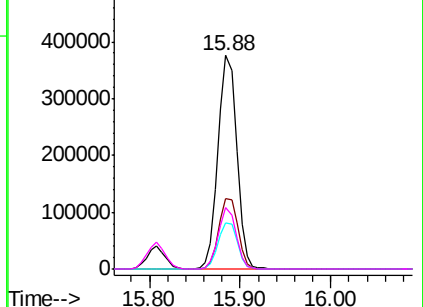


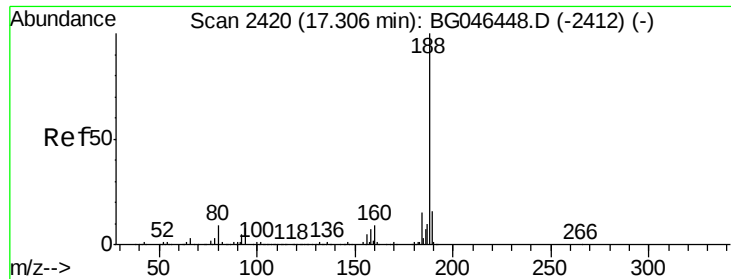
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

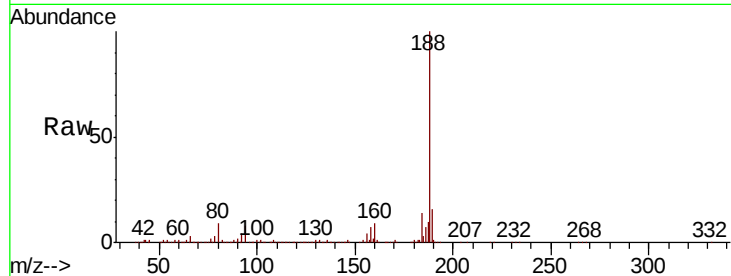




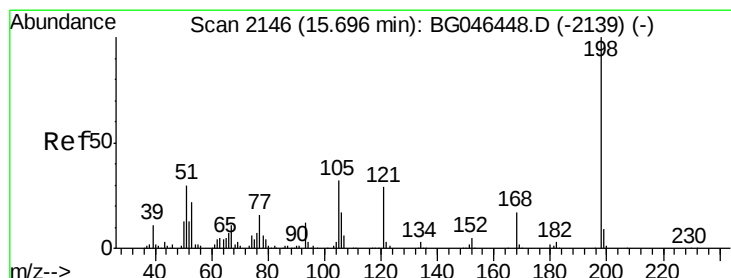
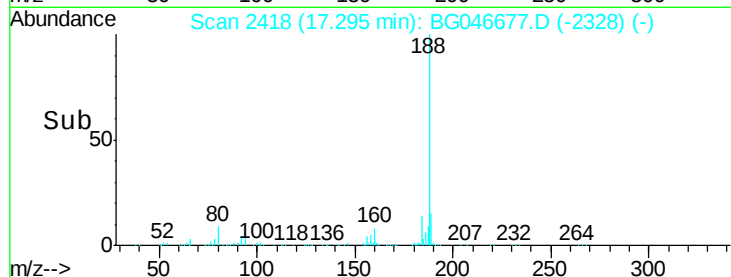
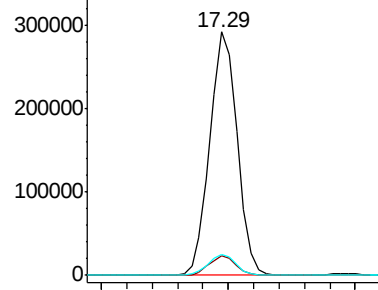
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

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

Tot Ion:188 Resp: 437741
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.7 7.0 10.6

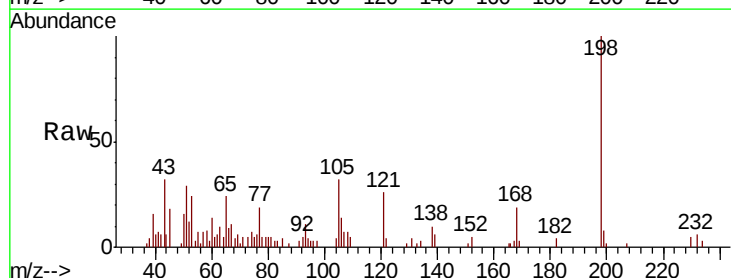


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

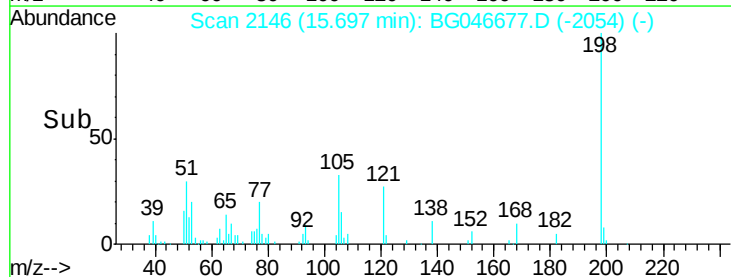
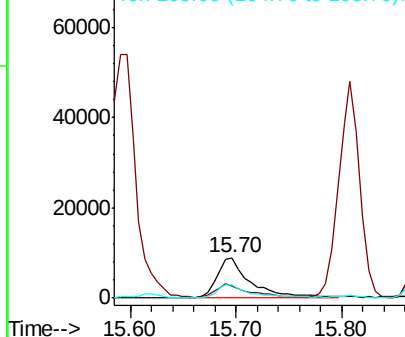


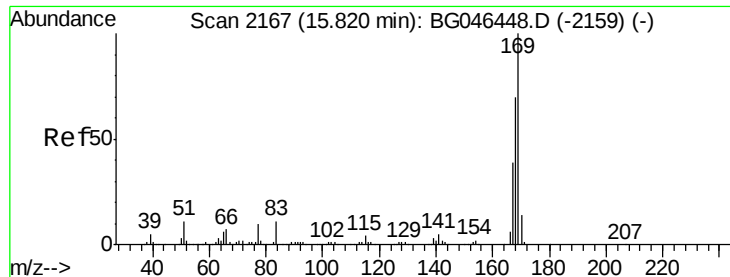
#65
4,6-Dinitro-2-methylphenol
Concen: 8.123 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

Tgt 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): BG
Ion 105.00 (104.70 to 105.70): E





#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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

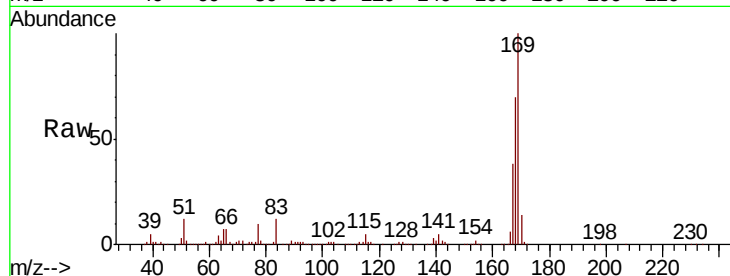
Tot Ion:169 Resp: 570495

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

169 100

168 70.1 55.5 83.3

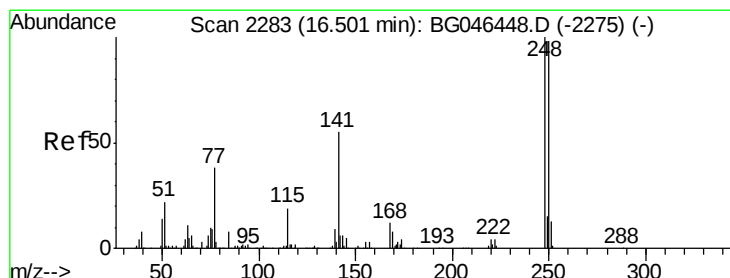
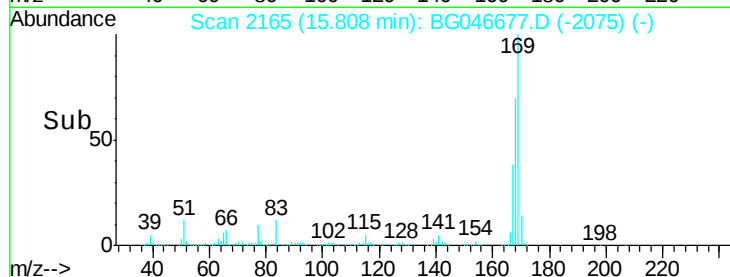
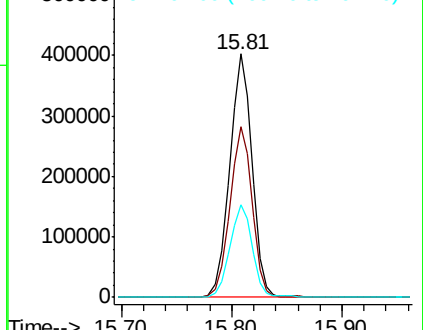
167 38.1 30.5 45.7



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



#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

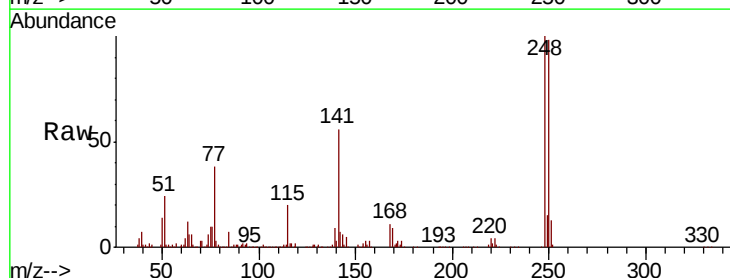
Tgt Ion:248 Resp: 236874

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.9	118.3
141	56.3	46.2	69.4

248 100

250 97.9 78.9 118.3

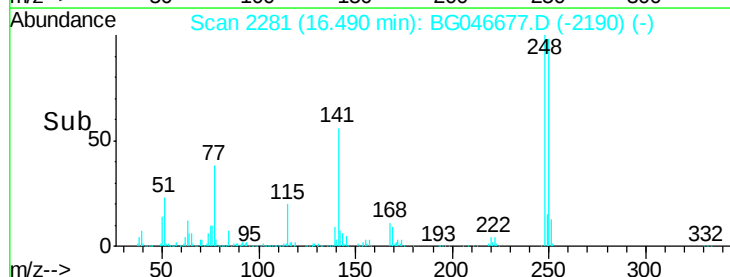
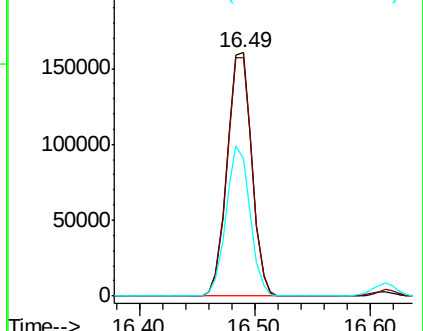
141 56.3 46.2 69.4

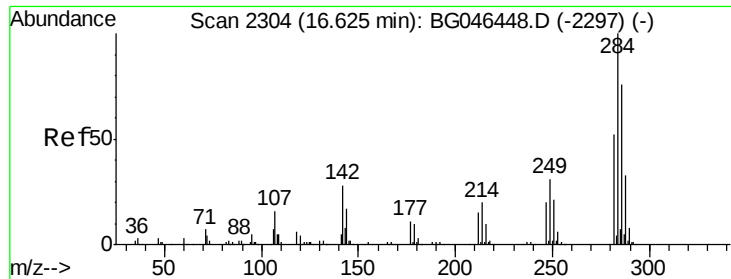


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

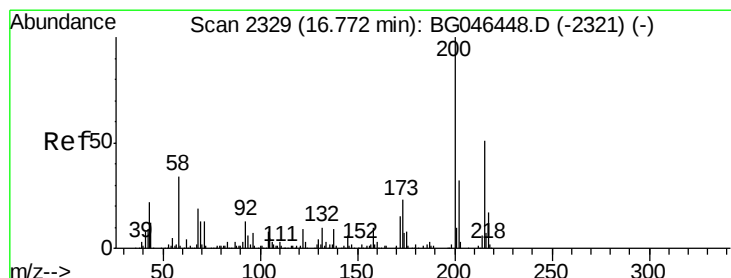
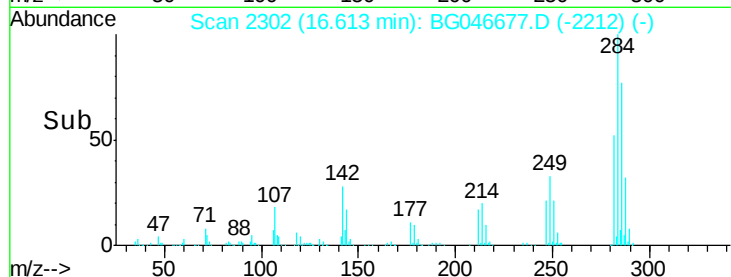
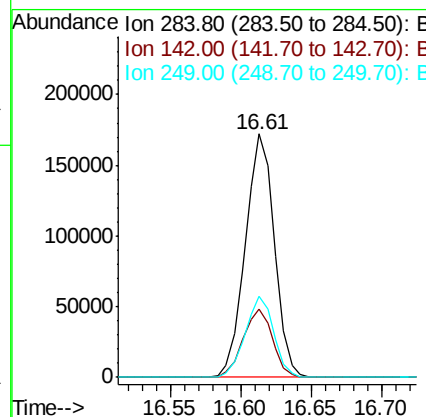
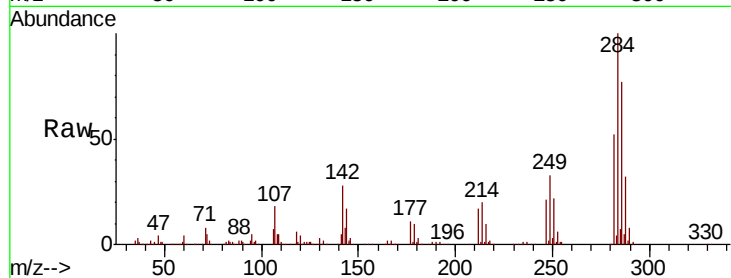




#68
Hexachlorobenzene
Concen: 43.864 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

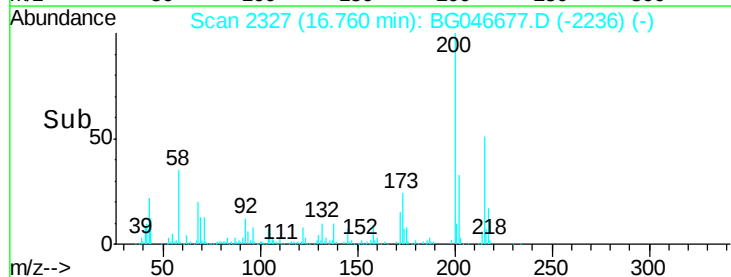
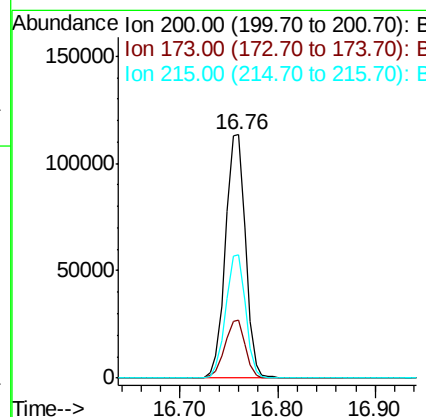
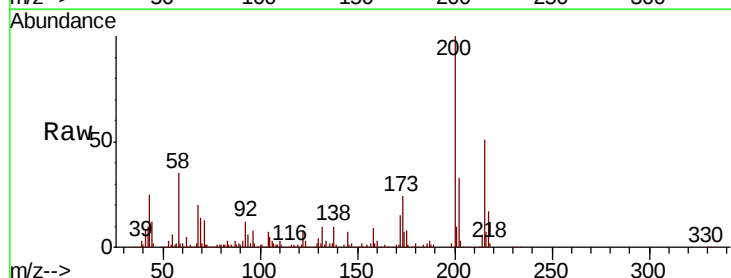
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

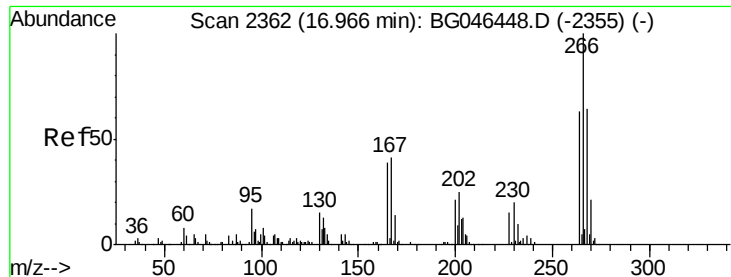
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.1	31.7
249	33.3	25.9	38.9



#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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.2	44.2
215	50.9	30.0	70.0

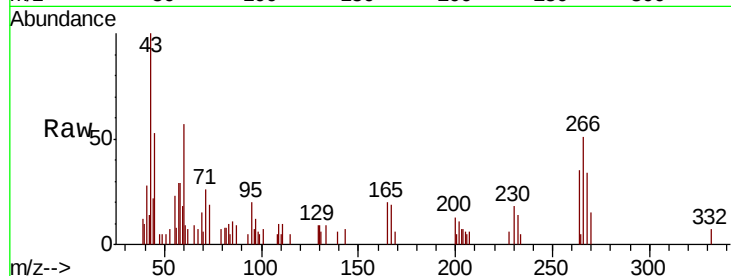




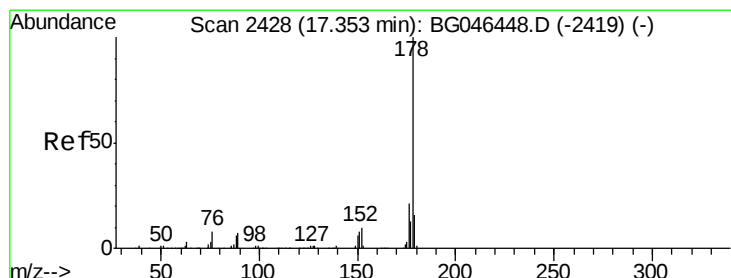
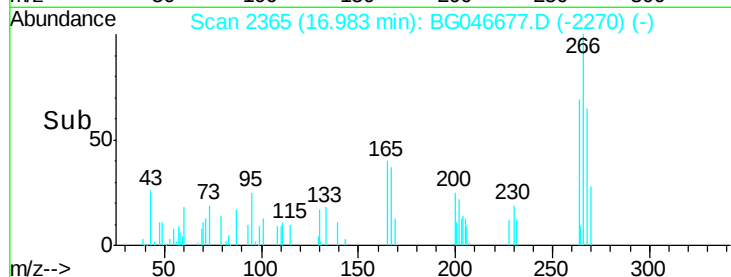
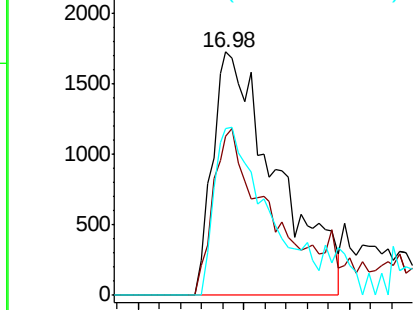
#70
 Pentachlorophenol
 Concen: 2.459 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. 0.03 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.8	74.6
264	68.7	49.3	73.9

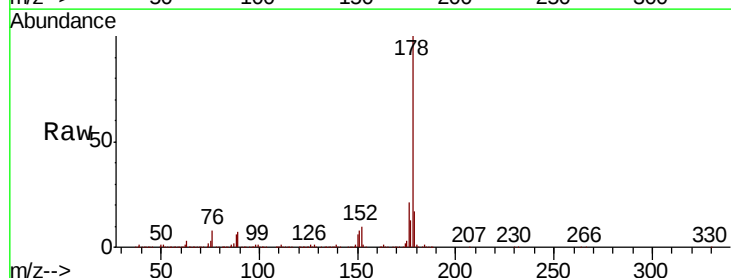


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

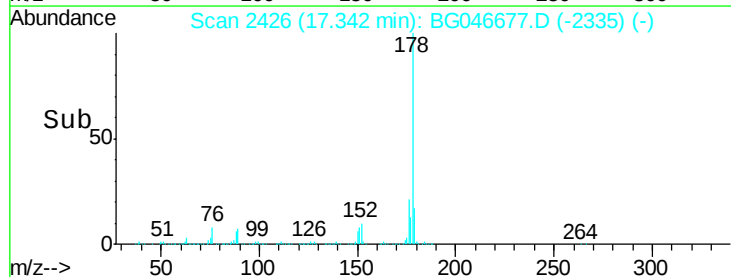
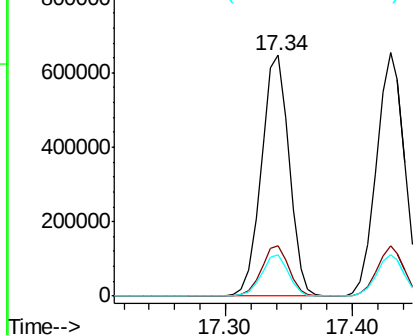


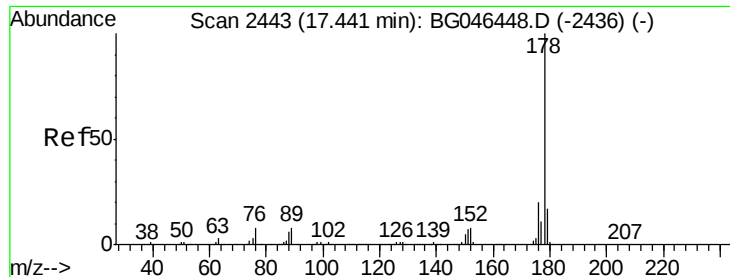
#71
 Phenanthrene
 Concen: 44.445 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.7	25.1
179	17.2	14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

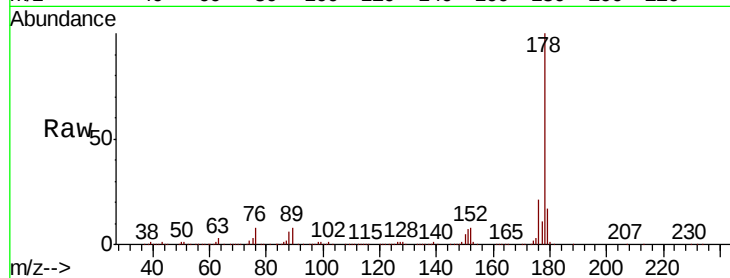
Tot Ion:178 Resp: 1011819

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

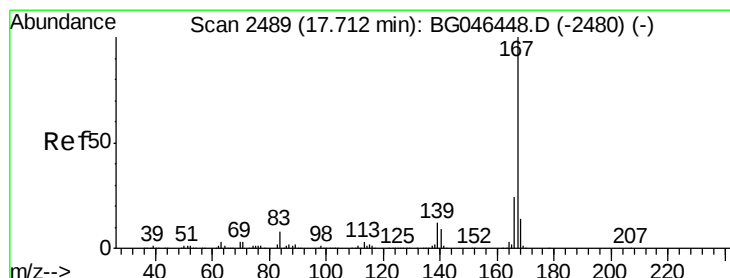
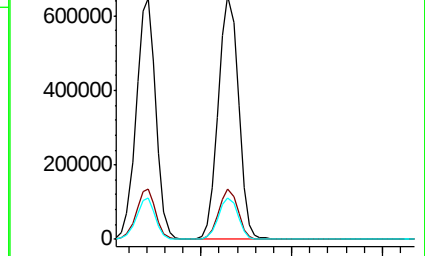
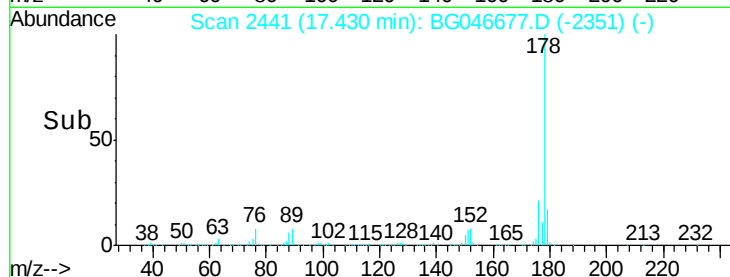
179 17.1 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 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

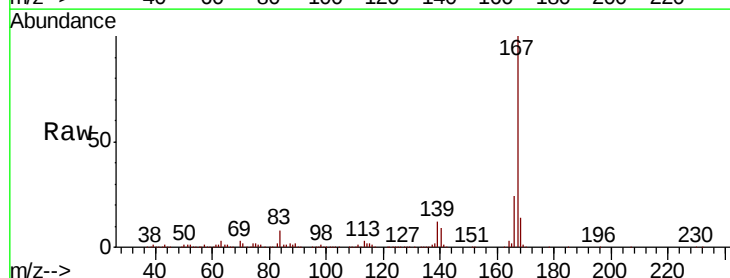
Tgt Ion:167 Resp: 897051

Ion Ratio Lower Upper

167 100

166 23.9 18.7 28.1

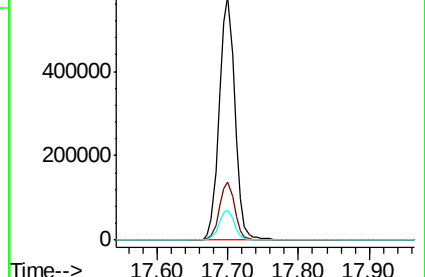
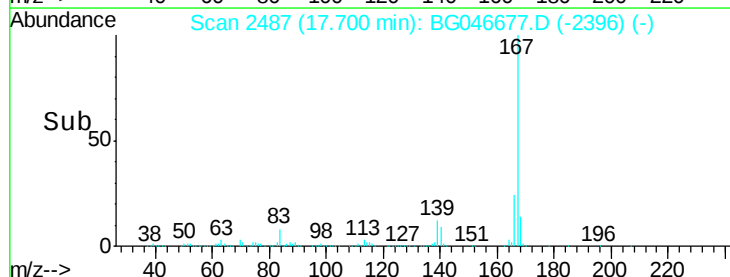
139 12.1 9.6 14.4

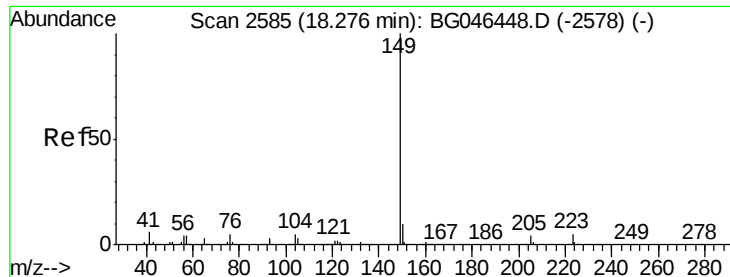


Abundance Ion 167.00 (166.70 to 167.70): E

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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

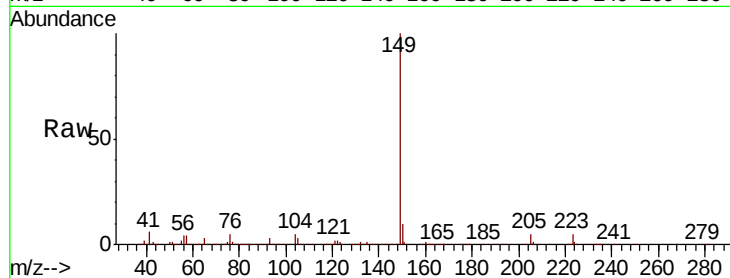
Tot Ion:149 Resp: 1009568

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.4

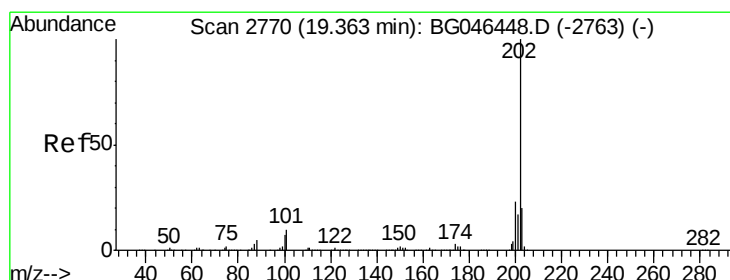
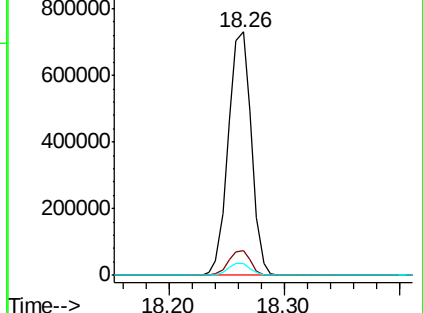
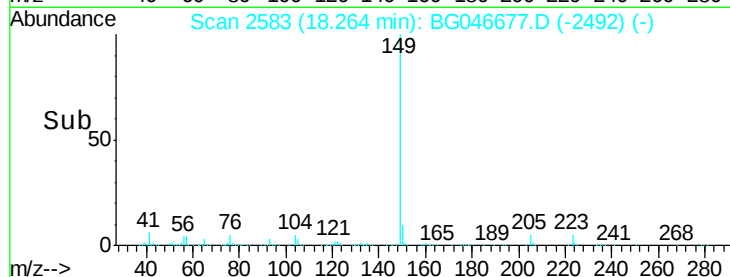
104 4.8 3.8 5.8



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

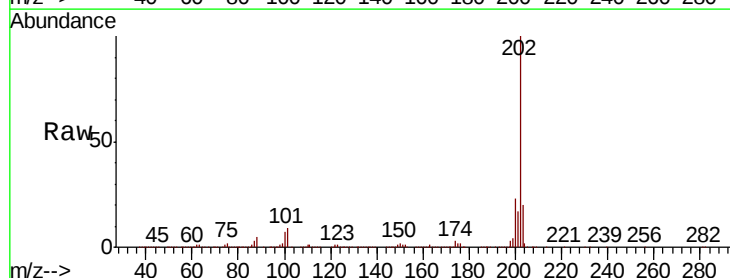
Tgt Ion:202 Resp: 1178248

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

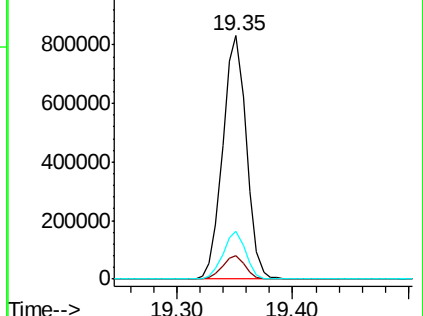
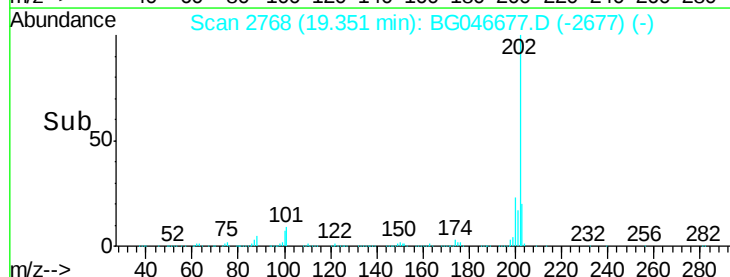
203 19.7 0.0 39.2

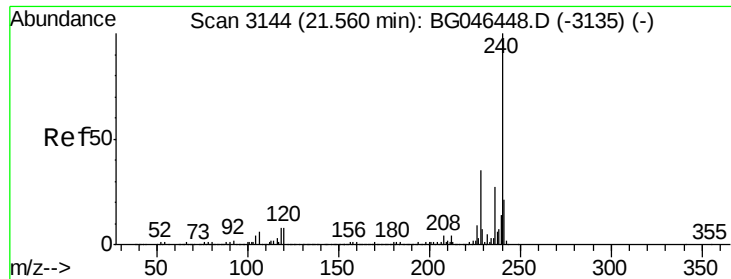


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

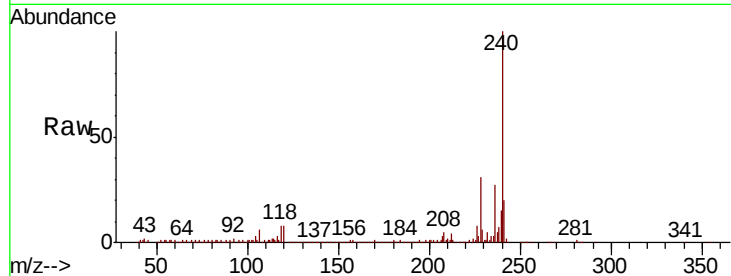
Tot Ion:240 Resp: 412321

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.4

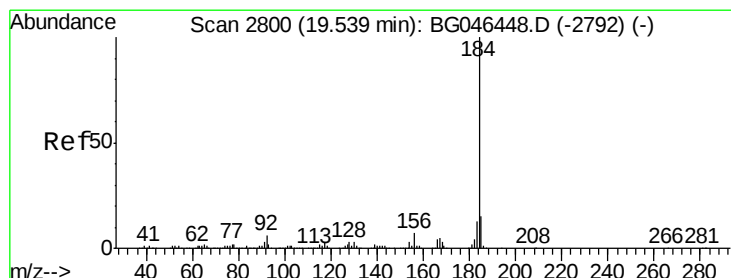
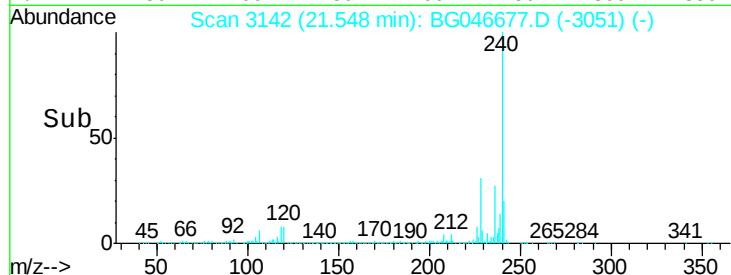
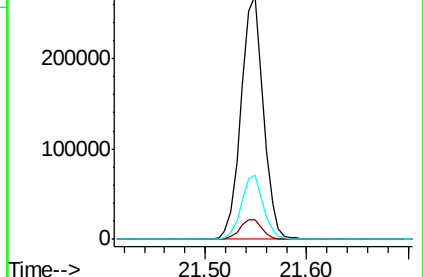
236 26.5 20.5 30.7



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

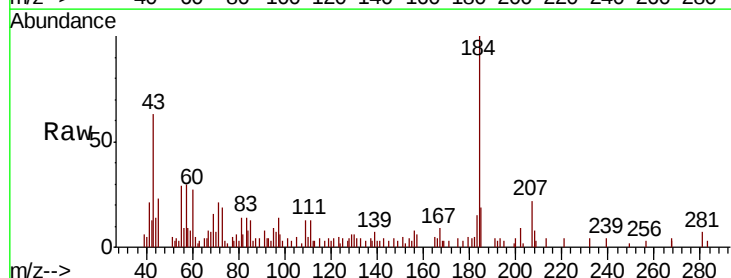
Tgt Ion:184 Resp: 22100

Ion Ratio Lower Upper

184 100

185 18.8 12.4 18.6#

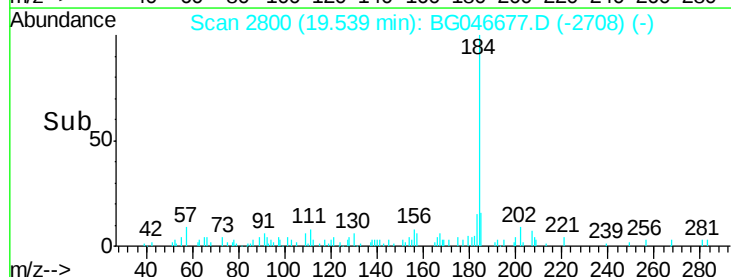
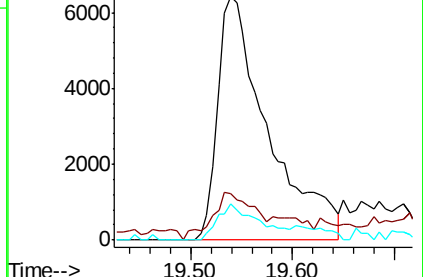
183 14.7 10.6 15.8

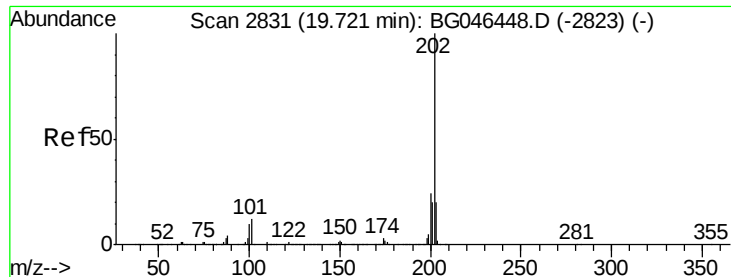


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

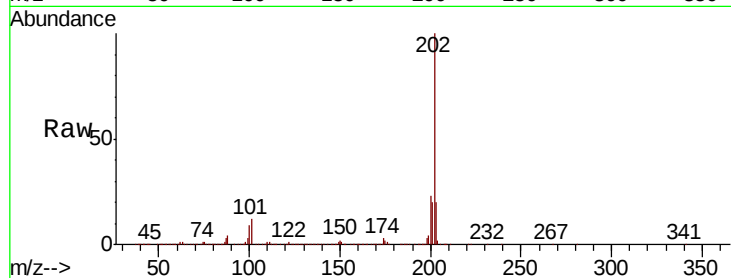
Tot Ion:202 Resp: 1188201

Ion Ratio Lower Upper

202 100

200 23.3 18.6 27.8

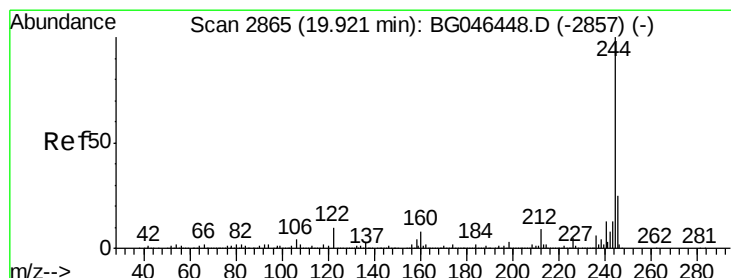
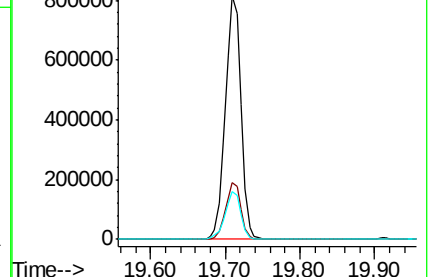
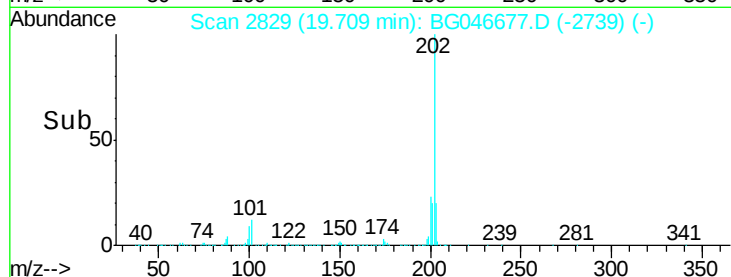
203 19.8 15.3 22.9



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

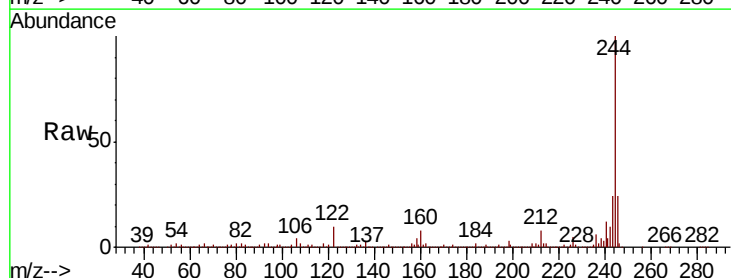
Tgt Ion:244 Resp: 1559711

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

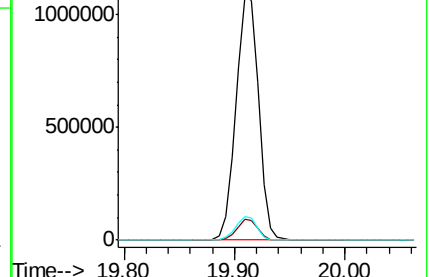
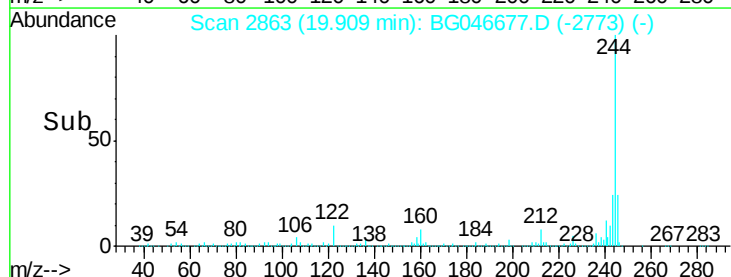
122 9.8 7.8 11.6

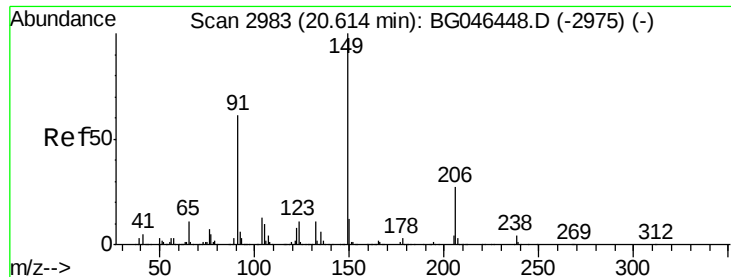


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

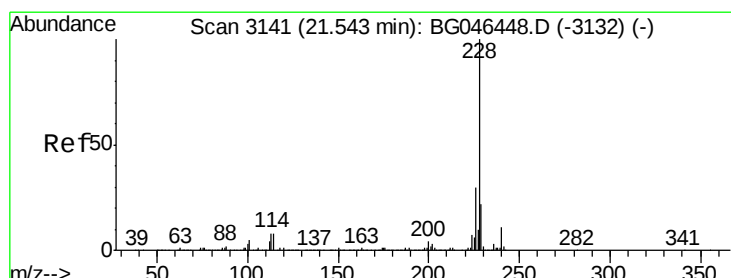
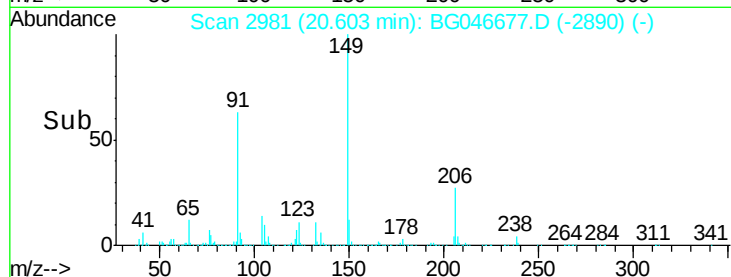
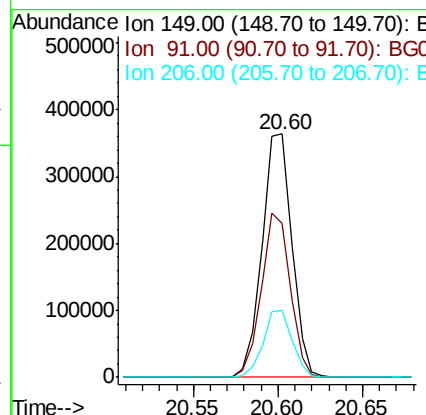
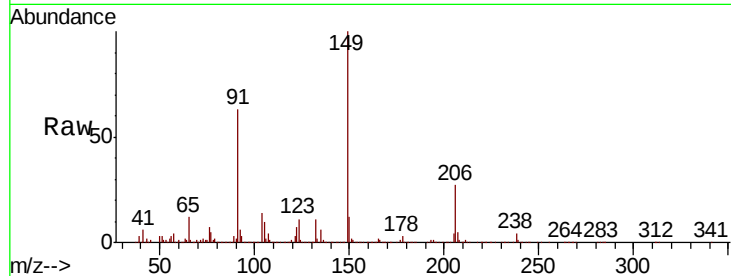




#80
Butylbenzylphthalate
Concen: 43.833 ng
RT: 20.60 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

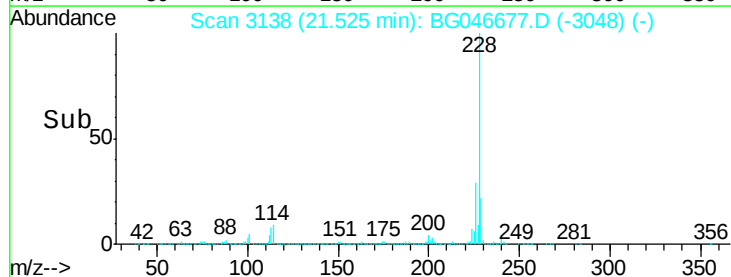
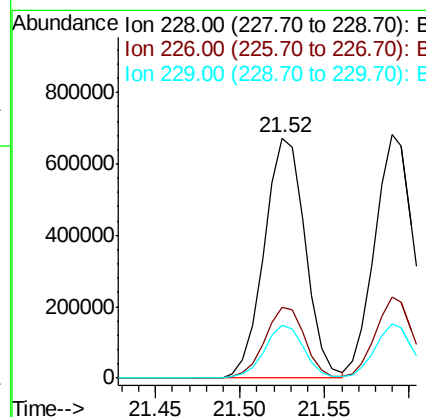
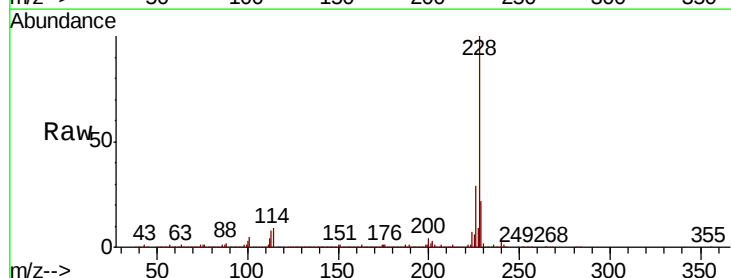
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

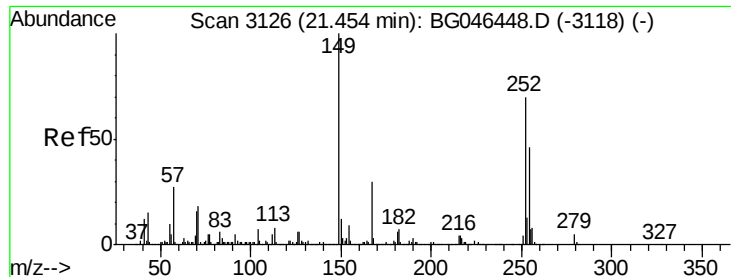
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.2	51.5	77.3
206	27.5	21.2	31.8



#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

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

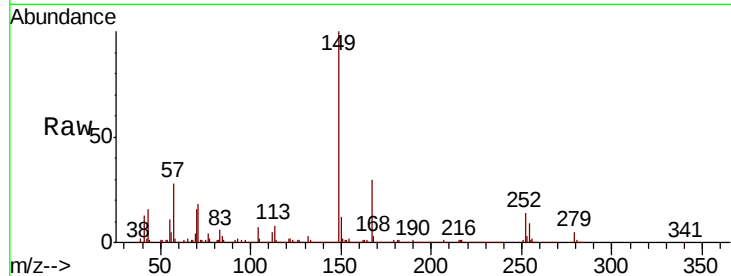




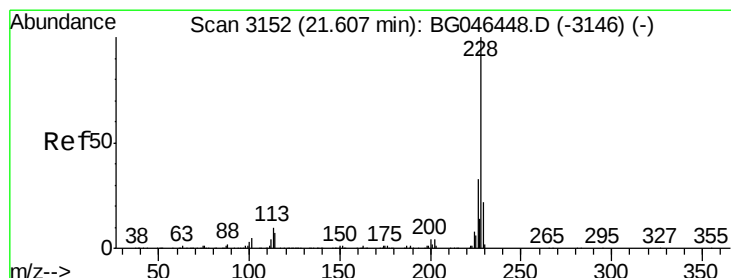
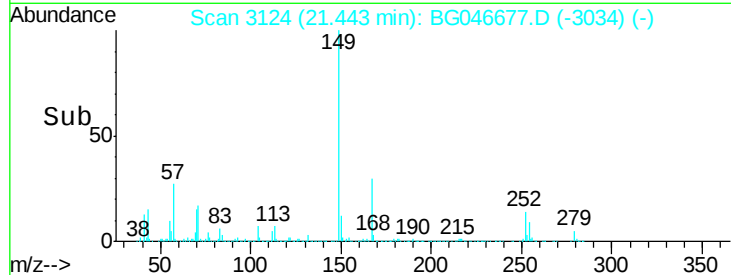
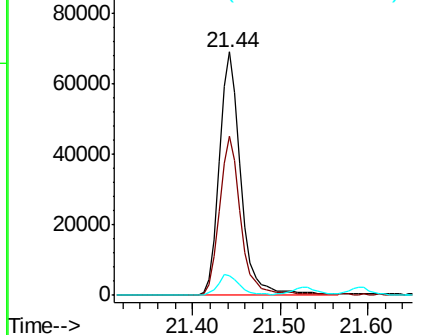
#82
 3,3'-Dichlorobenzidine
 Concen: 12.352 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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

Tot Ion:252 Resp: 117810
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.2 79.8
 126 8.2 6.8 10.2

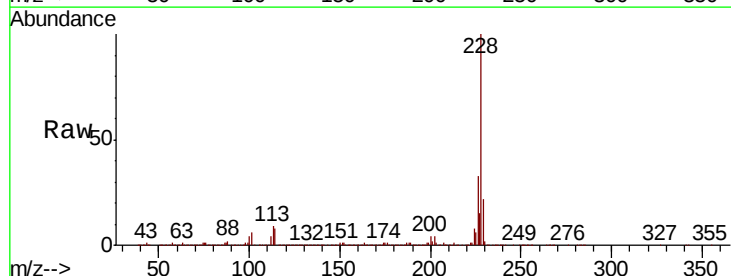


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

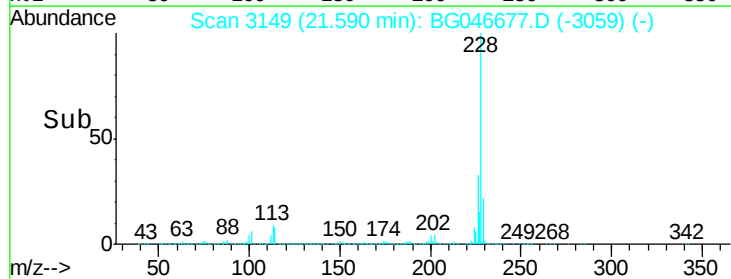
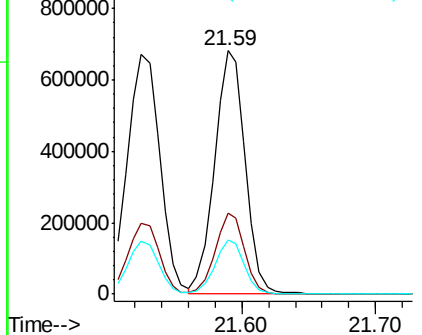


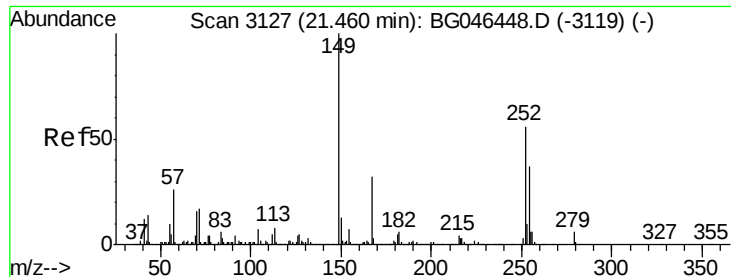
#83
 Chrysene
 Concen: 43.910 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046677.D
 Acq: 18 Sep 2020 20:07

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



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS

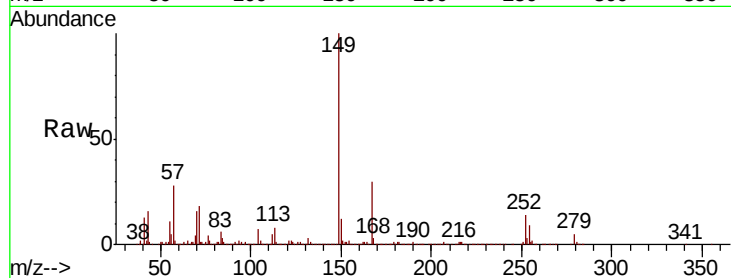
Tot Ion:149 Resp: 642907

Ion Ratio Lower Upper

149 100

167 30.4 24.8 37.2

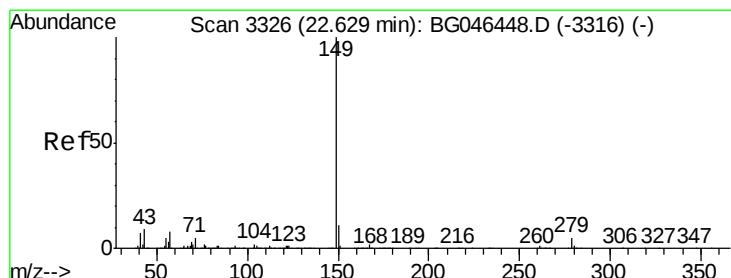
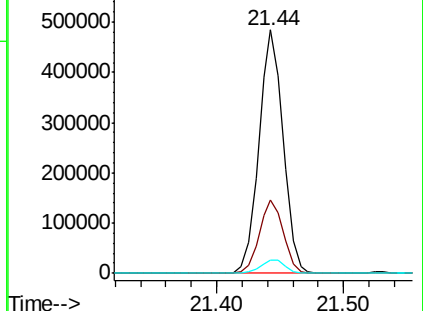
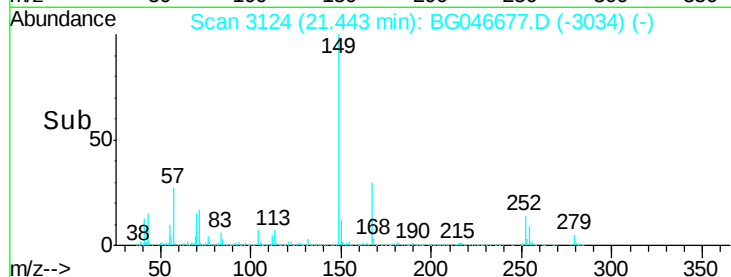
279 5.2 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 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

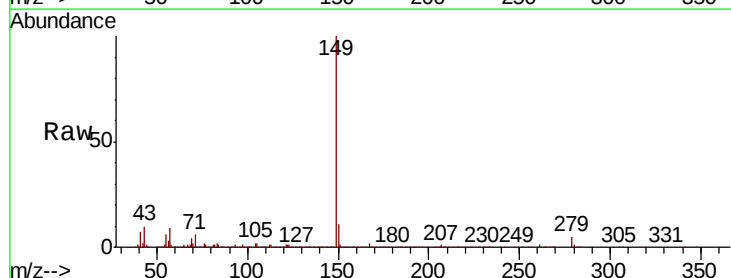
Tgt Ion:149 Resp: 1094516

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

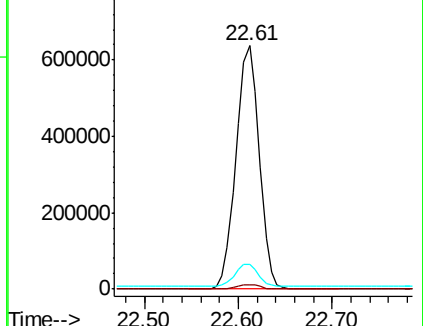
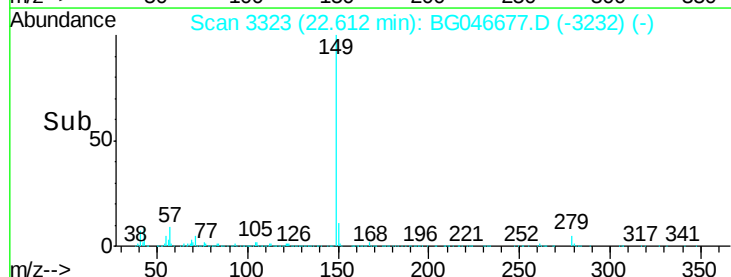
43 9.0 6.8 10.2

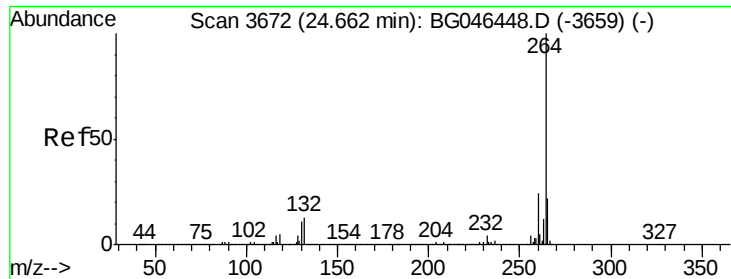


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

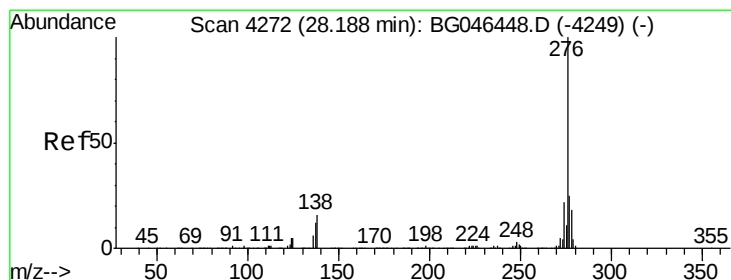
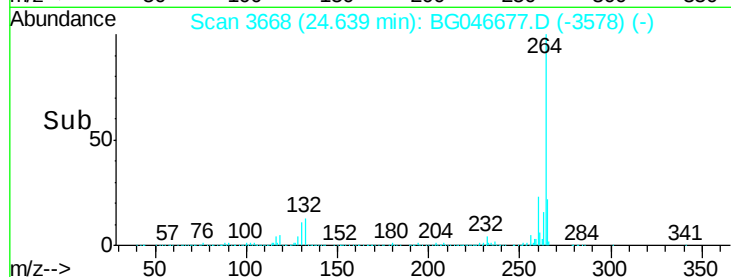
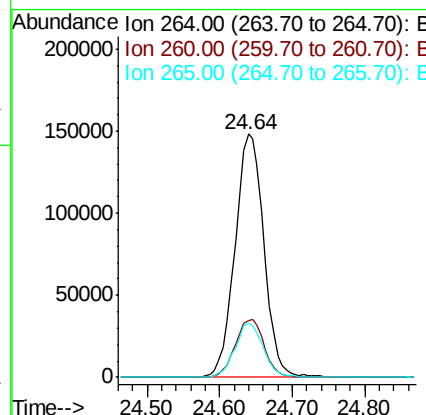
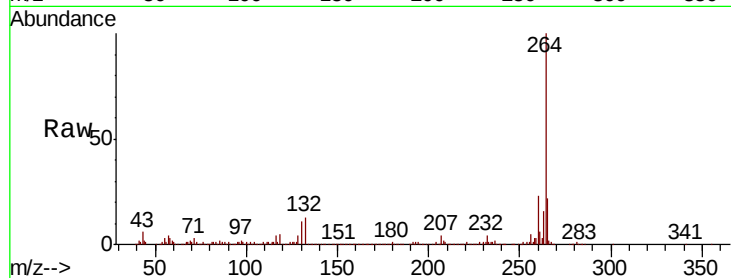




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

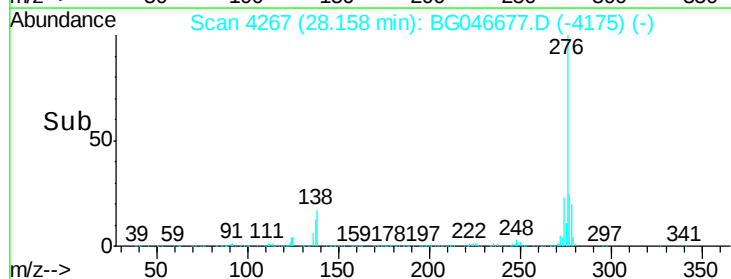
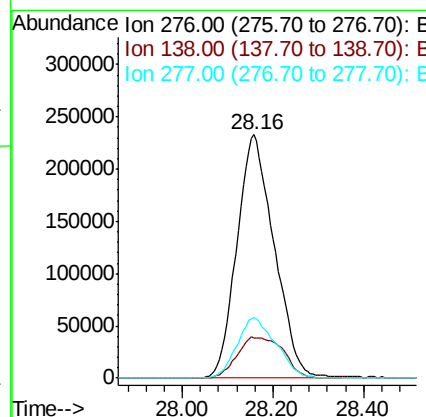
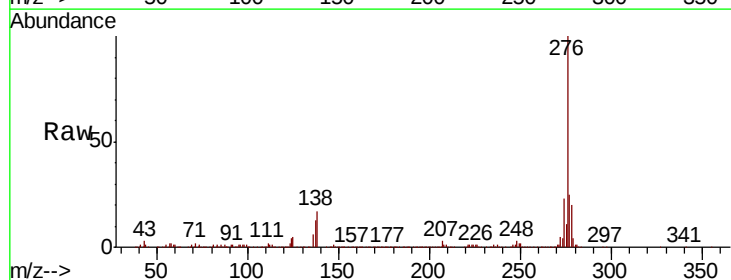
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

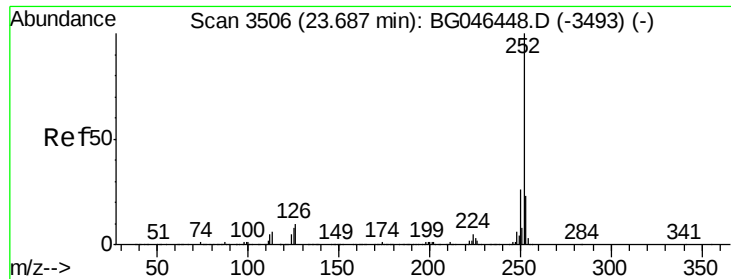
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.2	17.8	26.8



#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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.2	24.2
277	26.0	20.3	30.5

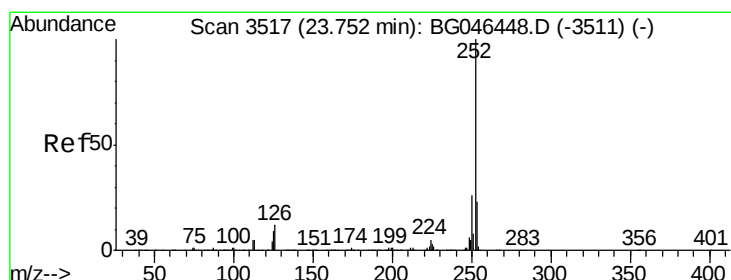
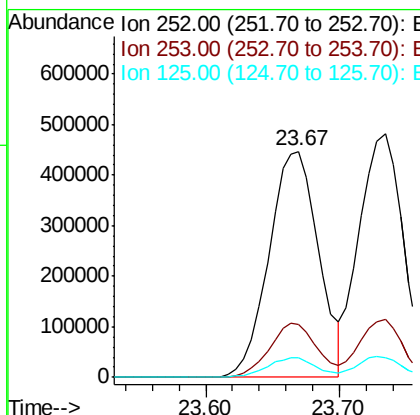
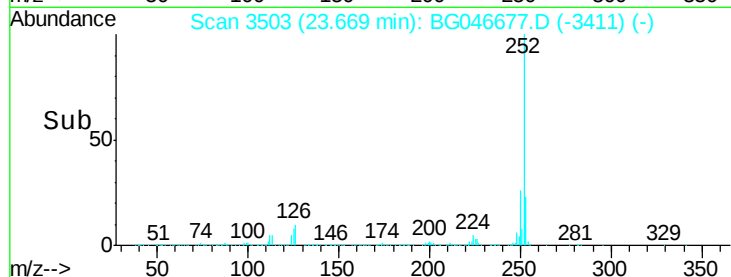
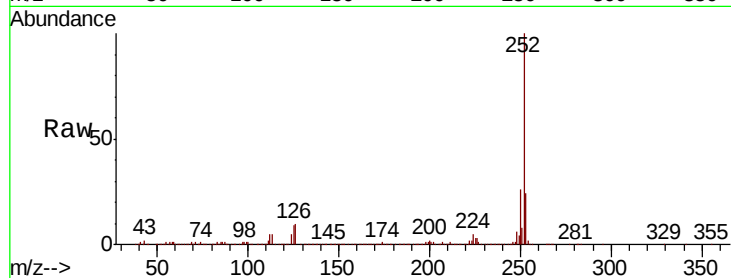




#88
Benzo(b)fluoranthene
Concen: 45.027 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

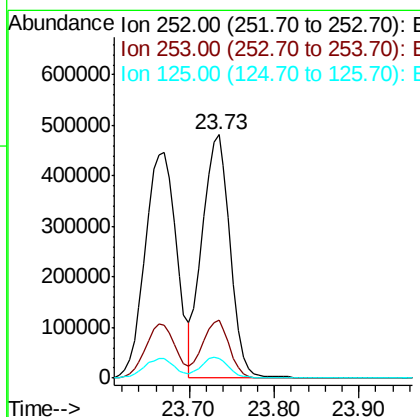
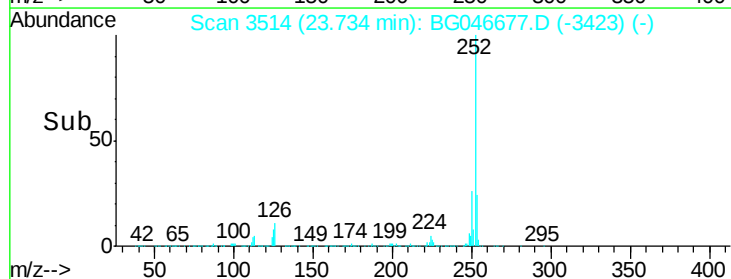
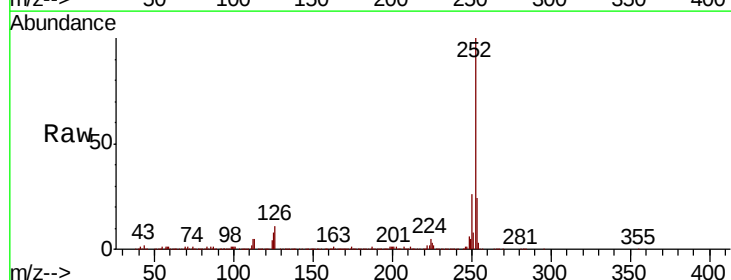
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

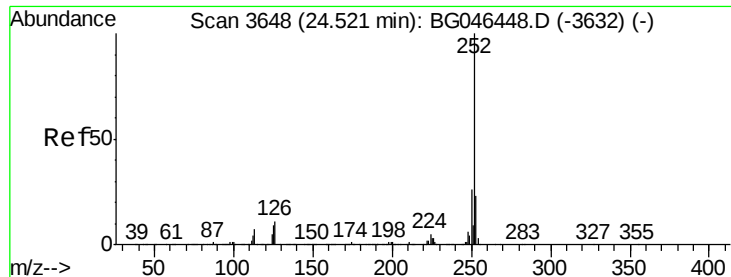
Tot Ion:252 Resp: 1151642
Ion Ratio Lower Upper
252 100
253 23.5 18.7 28.1
125 8.6 6.5 9.7



#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

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

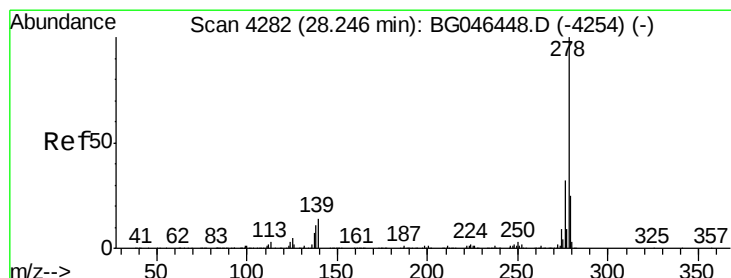
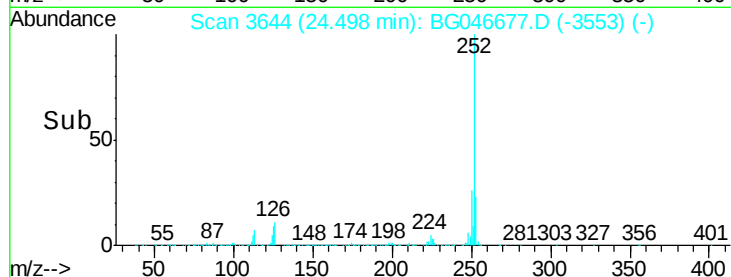
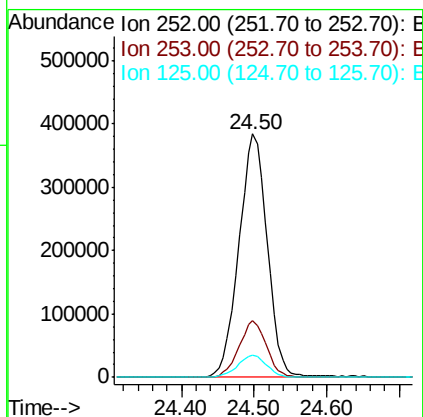
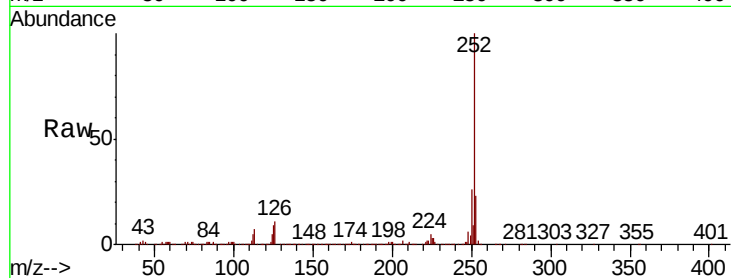




#90
Benzo(a)pyrene
Concen: 43.538 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046677.D
Acq: 18 Sep 2020 20:07

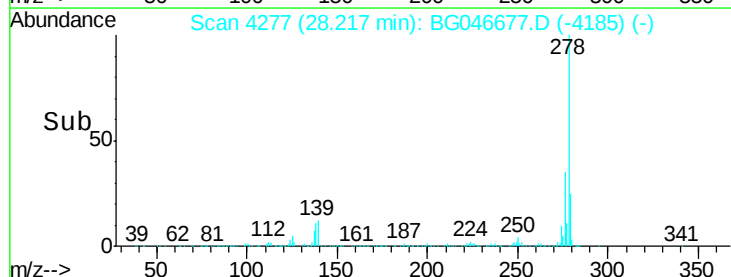
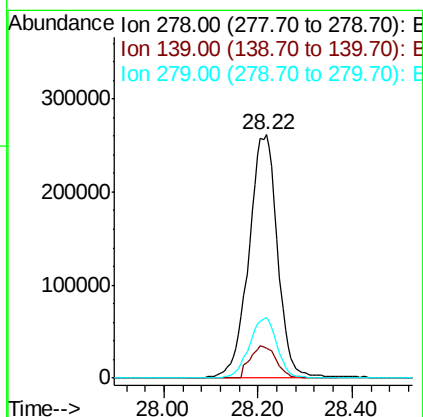
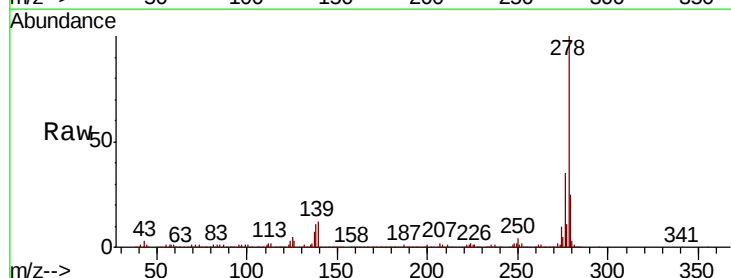
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

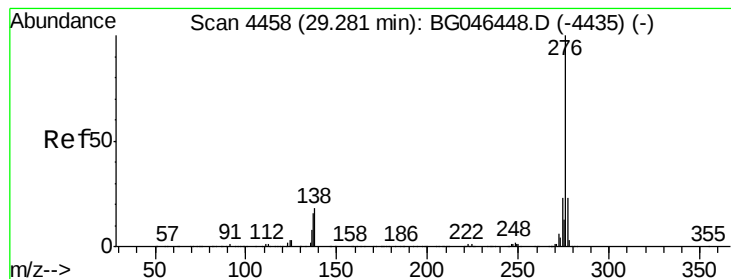
Tot Ion:252 Resp: 1039181
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 9.4 7.0 10.4



#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

Tgt 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(a,h,i)perylene

Concen: 47.223 ng

RT: 29.25 min Scan# 4453

Delta R.T. 0.01 min

Lab File: BG046677.D

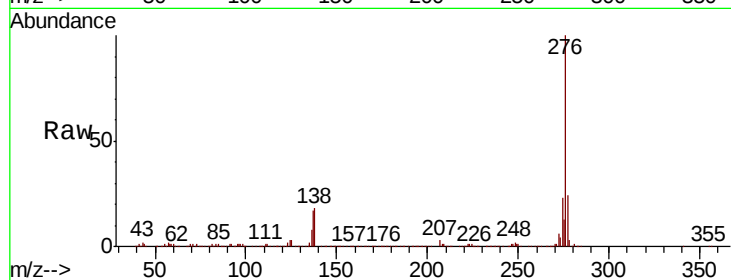
Acq: 18 Sep 2020 20:07

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MS



Tot Ion: 276 Resp: 1119506

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 18.0 13.4 20.2

