

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046678.D
 Acq On : 18 Sep 2020 20:47
 Operator : CG/JU
 Sample : L4038-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 19 00:33:35 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	77409	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	320259	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219237	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	481847	20.00	ng	0.00
76) Chrysene-d12	21.55	240	450677	20.00	ng	0.00
86) Perylene-d12	24.64	264	455319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	468319	107.16	ng	0.00
7) Phenol-d6	7.10	99	604283	97.53	ng	0.00
23) Nitrobenzene-d5	9.08	82	424690	75.79	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	280960	94.58	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1091352	75.99	ng	0.00
79) Terphenyl-d14	19.91	244	1656301	78.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	60761	33.417	ng	# 38
3) Pyridine	3.83	79	169174	31.800	ng	98
4) n-Nitrosodimethylamine	3.73	42	83569	42.591	ng	93
6) Aniline	7.25	93	109610	15.722	ng	97
8) 2-Chlorophenol	7.49	128	218368	47.274	ng	96
9) Benzaldehyde	7.06	77	73750	21.247	ng	96
10) Phenol	7.13	94	235814	41.324	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	200720	43.760	ng	97
12) 1,3-Dichlorobenzene	7.81	146	212487	36.232	ng	97
13) 1,4-Dichlorobenzene	7.96	146	214576	36.547	ng	99
14) 1,2-Dichlorobenzene	8.28	146	213899	37.995	ng	97
15) Benzyl Alcohol	8.16	79	195417	49.128	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	307528	43.224	ng	98
17) 2-Methylphenol	8.37	107	190113	46.977	ng	98
18) Hexachloroethane	9.00	117	69944	35.135	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	166482	44.923	ng	99
20) 3+4-Methylphenols	8.70	107	255525	45.745	ng	97
22) Acetophenone	8.74	105	318715	40.883	ng	# 98
24) Nitrobenzene	9.12	77	239713	43.303	ng	98
25) Isophorone	9.64	82	464072	45.174	ng	100
26) 2-Nitrophenol	9.83	139	129940	44.489	ng	98
27) 2,4-Dimethylphenol	9.90	122	212271	52.841	ng	97
28) bis(2-Chloroethoxy)methane	10.12	93	279049	42.202	ng	100
29) 2,4-Dichlorophenol	10.37	162	243610	45.491	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	241758	38.049	ng	99
31) Naphthalene	10.77	128	643006	41.121	ng	99
32) Benzoic acid	9.90	122	212271	63.545	ng	# 14
33) 4-Chloroaniline	10.88	127	24979	3.623	ng	93
34) Hexachlorobutadiene	11.06	225	151736	36.787	ng	100
35) Caprolactam	11.65	113	63702	31.823	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	240804	45.975	ng	97
37) 2-Methylnaphthalene	12.38	142	518083	42.009	ng	100
38) 1-Methylnaphthalene	12.59	142	491490	42.073	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	313148	43.315	ng	99

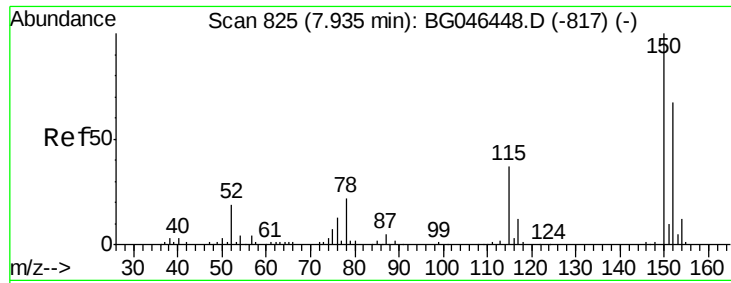
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	236717	75.301	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	215431	44.157	nq	98
44) 2,4,5-Trichlorophenol	13.07	196	226536	44.194	nq	97
46) 1,1'-Biphenyl	13.39	154	679820	44.569	nq	99
47) 2-Chloronaphthalene	13.43	162	536851	41.511	nq	98
48) 2-Nitroaniline	13.63	65	151571	42.207	nq	98
49) Acenaphthylene	14.27	152	841558	42.898	nq	99
50) Dimethylphthalate	14.01	163	687501	40.534	nq	100
51) 2,6-Dinitrotoluene	14.13	165	159562	42.677	nq	99
52) Acenaphthene	14.62	154	514644	42.334	nq	100
53) 3-Nitroaniline	14.46	138	62401	15.408	nq	99
54) 2,4-Dinitrophenol	14.69	184	6779	3.106	nq	# 84
55) Dibenzofuran	14.95	168	825941	42.335	nq	99
56) 4-Nitrophenol	14.78	139	104153	34.944	nq	94
57) 2,4-Dinitrotoluene	14.92	165	219926	41.253	nq	99
58) Fluorene	15.60	166	682211	41.663	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	125078	25.128	nq	94
60) Diethylphthalate	15.37	149	658873	39.842	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	370685	41.105	nq	99
62) 4-Nitroaniline	15.62	138	147766	34.579	nq	99
63) Azobenzene	15.88	77	569905	42.366	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	25385	9.308	nq	97
66) n-Nitrosodiphenylamine	15.81	169	603909	46.457	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	255477	45.446	nq	97
68) Hexachlorobenzene	16.61	284	263701	42.356	nq	97
69) Atrazine	16.75	200	171627	32.364	nq	99
70) Pentachlorophenol	16.96	266	46120	14.178	nq	94
71) Phenanthrene	17.34	178	1038481	42.520	nq	99
72) Anthracene	17.43	178	1063958	44.153	nq	100
73) Carbazole	17.70	167	961855	42.277	nq	99
74) Di-n-butylphthalate	18.26	149	1075631	41.115	nq	100
75) Fluoranthene	19.35	202	1242328	39.526	nq	99
77) Benzidine	19.54	184	31527	3.010	nq	# 94
78) Pyrene	19.71	202	1259706	43.894	nq	99
80) Butylbenzylphthalate	20.60	149	480232	42.900	nq	99
81) Benzo(a)anthracene	21.53	228	1207519	42.987	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	176076	16.890	nq	98
83) Chrysene	21.59	228	1166243	43.161	nq	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	683774	44.760	nq	99
85) Di-n-octyl phthalate	22.61	149	1157820	44.264	nq	98
87) Indeno(1,2,3-cd)pyrene	28.16	276	1438135	43.977	nq	# 91
88) Benzo(b)fluoranthene	23.67	252	1236473	43.491	nq	100
89) Benzo(k)fluoranthene	23.73	252	1187833	43.230	nq	99
90) Benzo(a)pyrene	24.50	252	1105739	41.676	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	1189029	45.057	nq	100
92) Benzo(g,h,i)perylene	29.26	276	1216329	46.157	nq	99

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

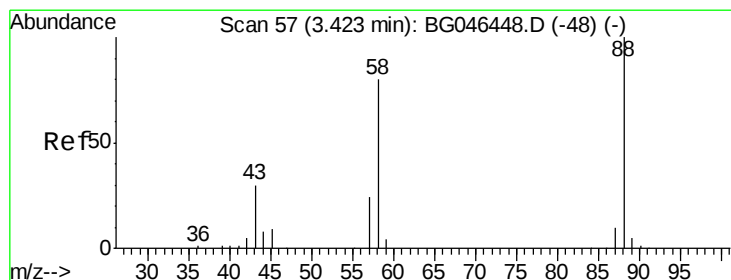
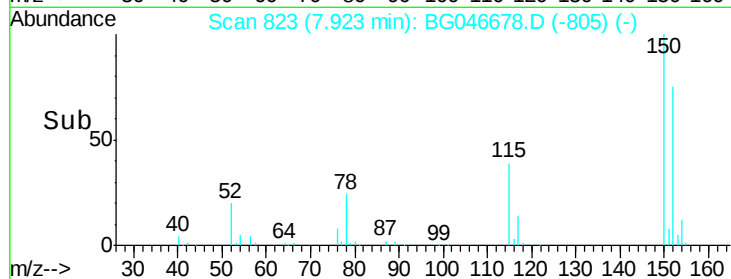
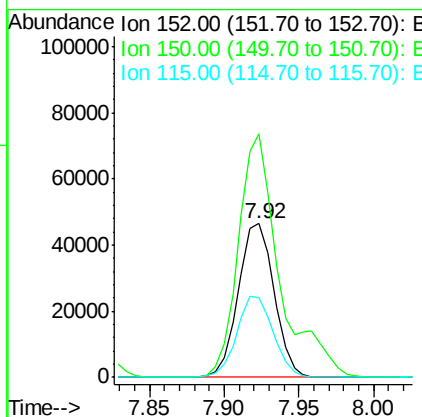
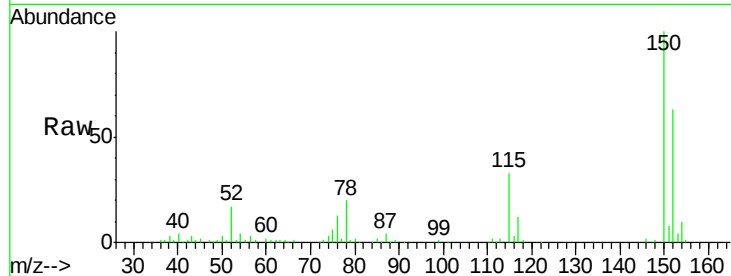


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

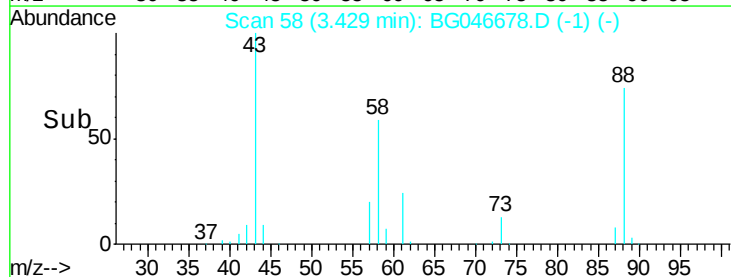
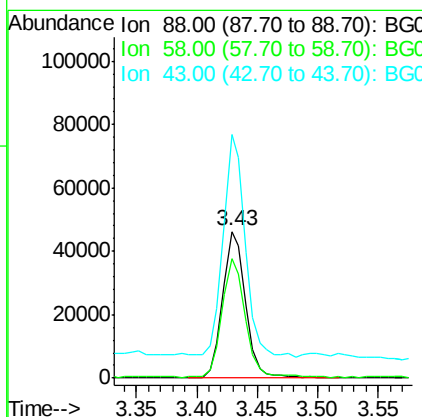
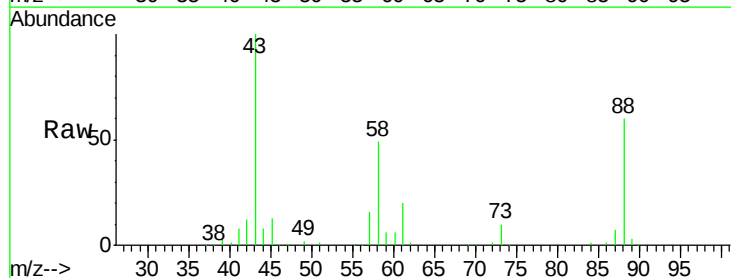
Tot Ion:152 Resp: 77409
Ion Ratio Lower Upper
152 100
150 158.6 125.0 187.6
115 52.4 41.8 62.6

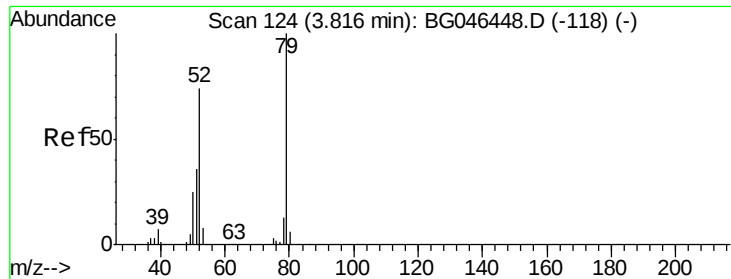


#2

1,4-Dioxane
Concen: 33.417 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.02 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion: 88 Resp: 60761
Ion Ratio Lower Upper
88 100
58 80.6 61.6 92.4
43 145.7 21.3 31.9#





#3

Pvridine

Concen: 31.800 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

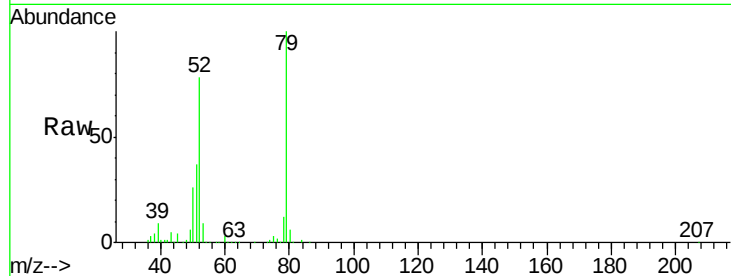
Tot Ion: 79 Resp: 169174

Ion Ratio Lower Upper

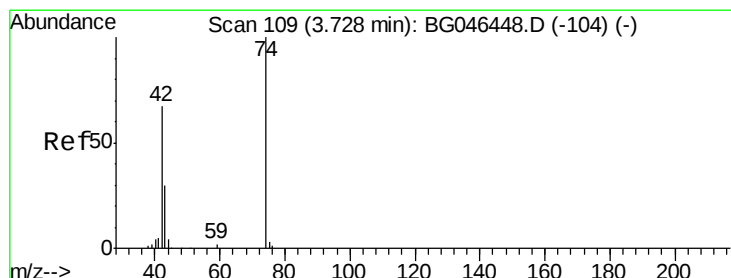
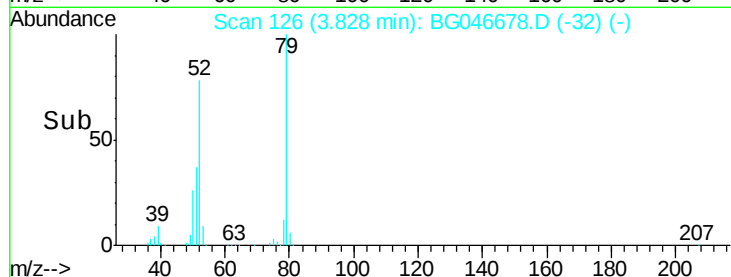
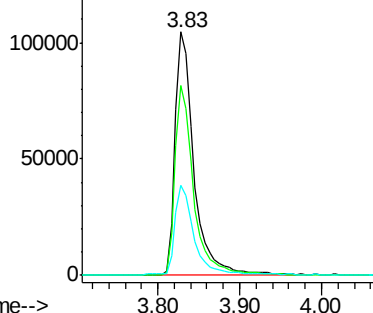
79 100

52 77.9 61.3 91.9

51 37.1 28.4 42.6



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



#4

n-Nitrosodimethylamine

Concen: 42.591 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

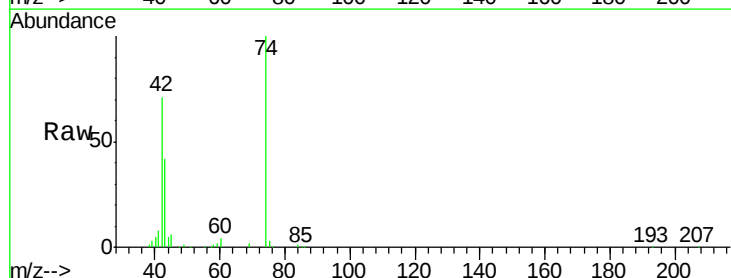
Tgt Ion: 42 Resp: 83569

Ion Ratio Lower Upper

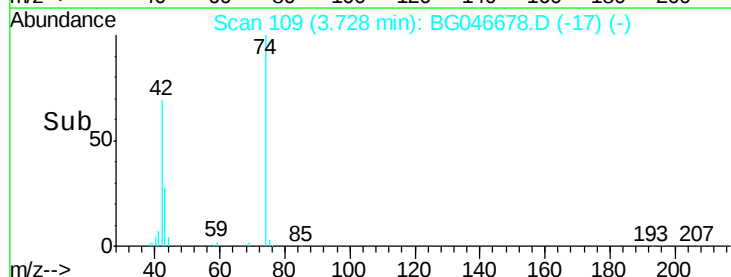
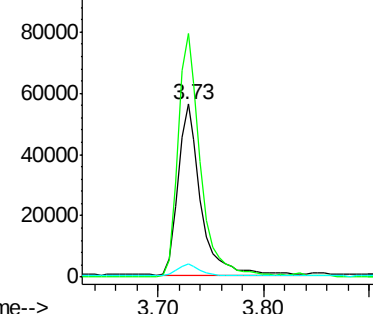
42 100

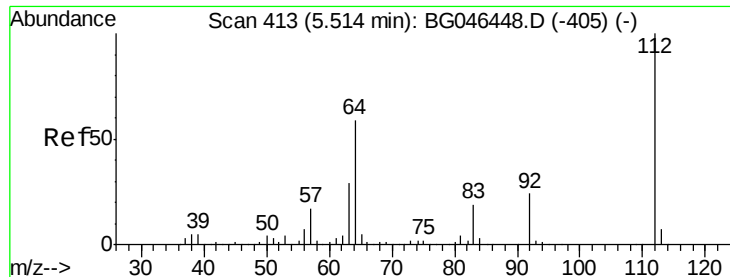
74 140.7 120.4 180.6

44 7.6 6.2 9.2



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





#5

2-Fluorophenol

Concen: 107.155 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

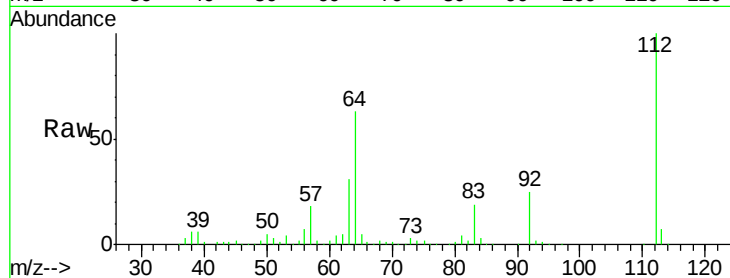
Tot Ion:112 Resp: 468319

Ion Ratio Lower Upper

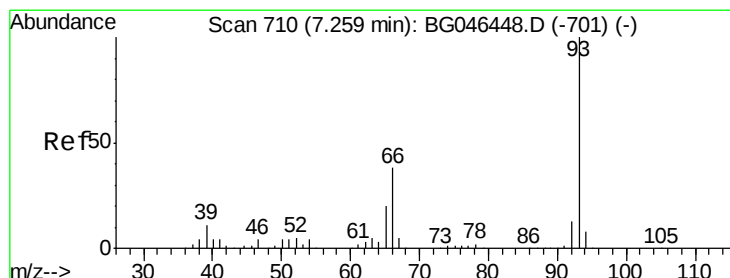
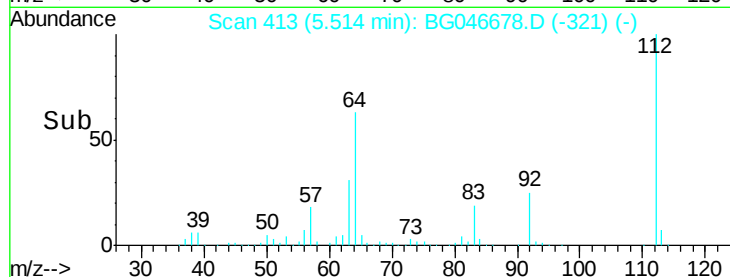
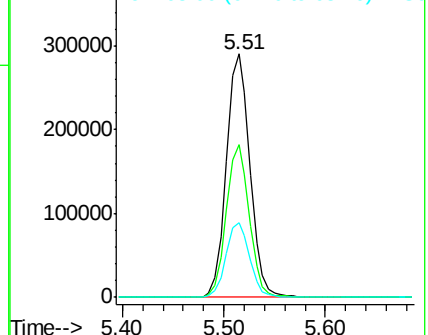
112 100

64 62.7 46.7 70.1

63 30.9 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: 15.722 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

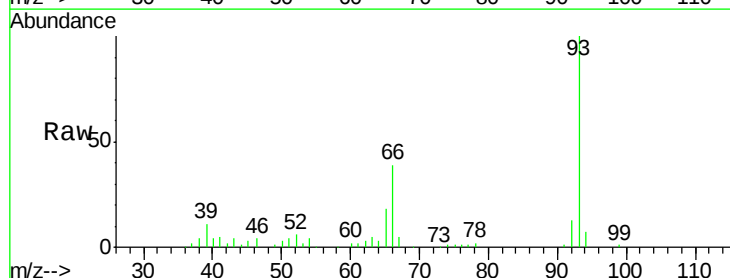
Tgt Ion: 93 Resp: 109610

Ion Ratio Lower Upper

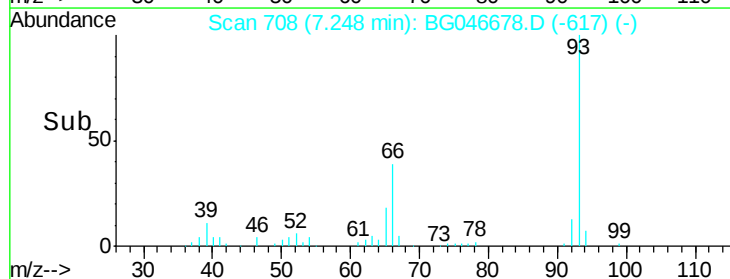
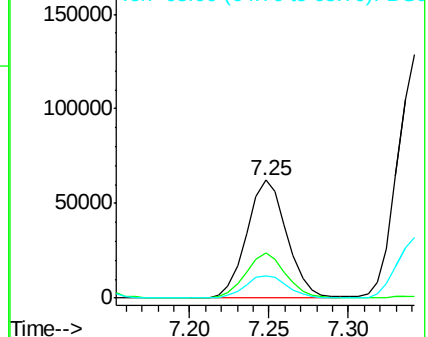
93 100

66 38.9 29.5 44.3

65 18.5 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: 97.534 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

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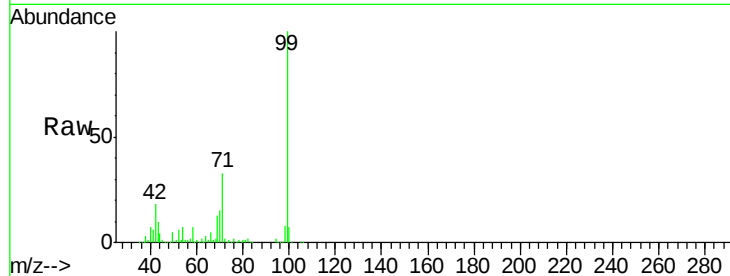
Tot Ion: 99 Resp: 604283

Ion Ratio Lower Upper

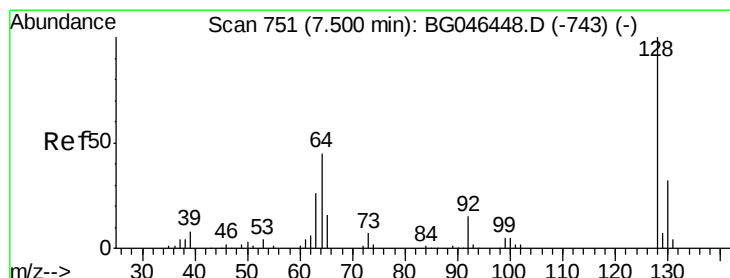
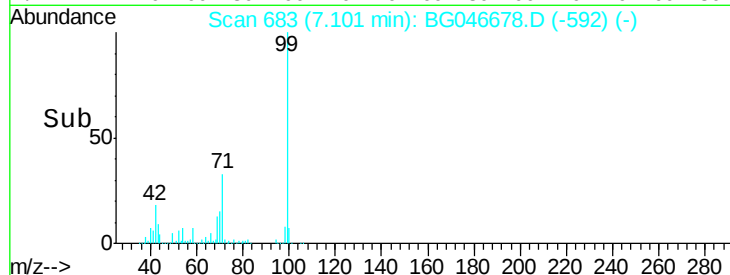
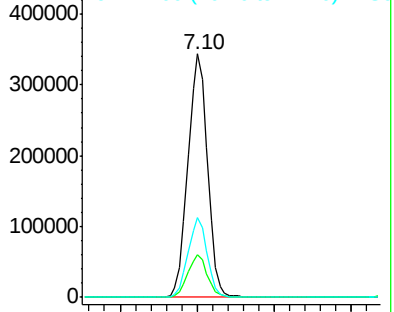
99 100

42 17.6 12.8 19.2

71 32.6 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: 47.274 ng

RT: 7.49 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

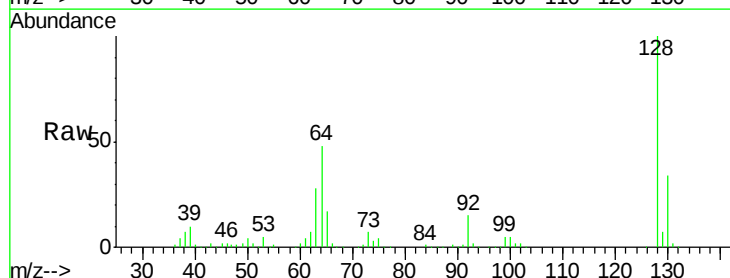
Tgt Ion: 128 Resp: 218368

Ion Ratio Lower Upper

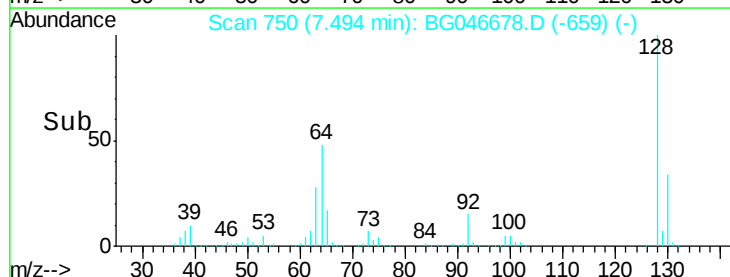
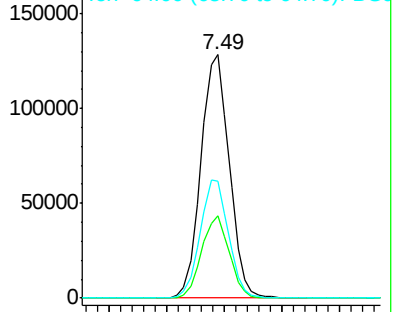
128 100

130 33.9 12.6 52.6

64 48.0 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: 21.247 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG046678.D

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PAV-B36-091620-0-10MSD

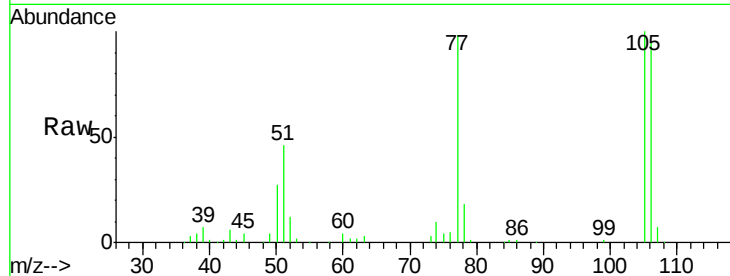
Tot Ion: 77 Resp: 73750

Ion Ratio Lower Upper

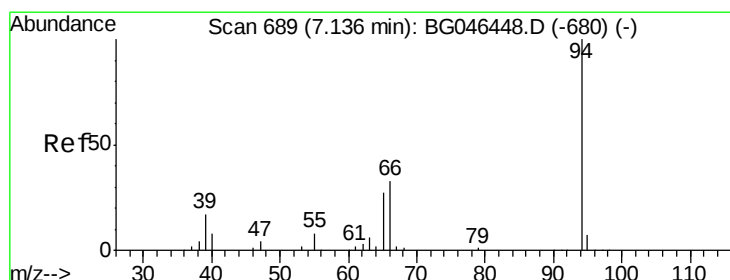
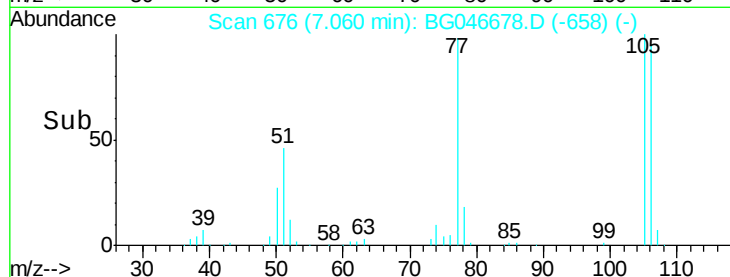
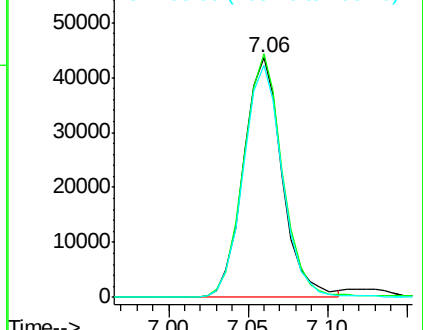
77 100

105 101.7 85.9 125.9

106 96.7 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: 41.324 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

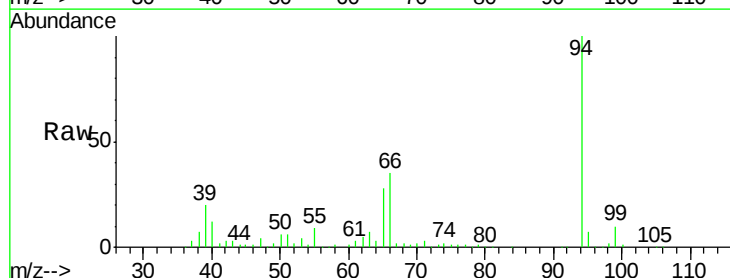
Tgt Ion: 94 Resp: 235814

Ion Ratio Lower Upper

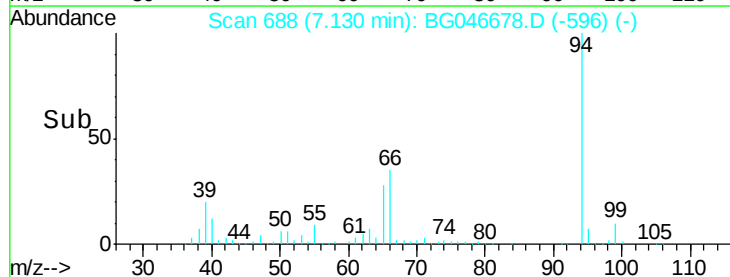
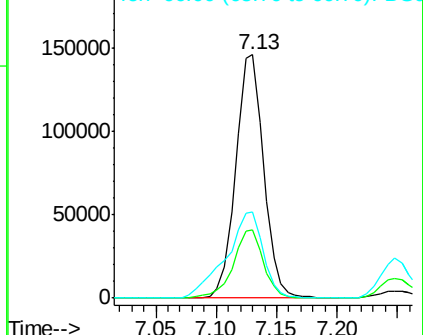
94 100

65 28.0 6.6 46.6

66 35.2 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: 43.760 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

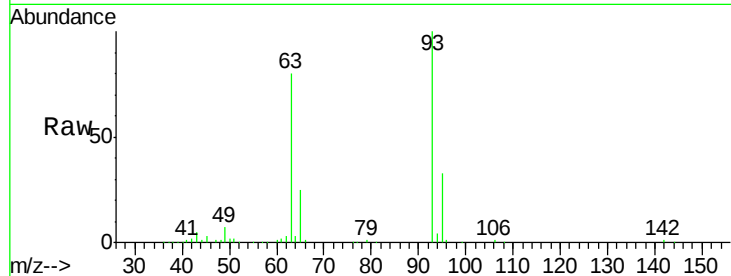
Tot Ion: 93 Resp: 200720

Ion Ratio Lower Upper

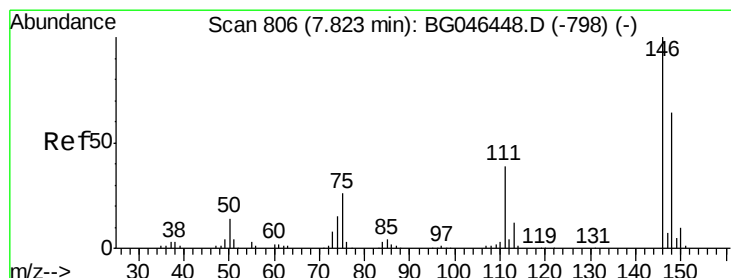
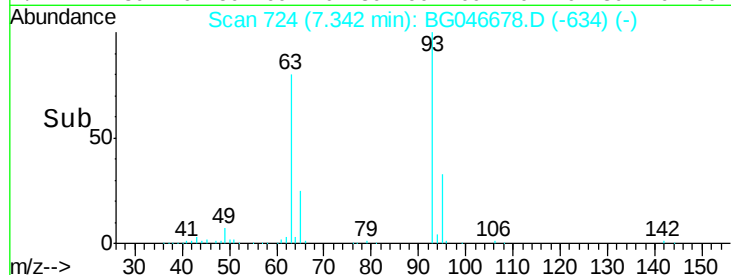
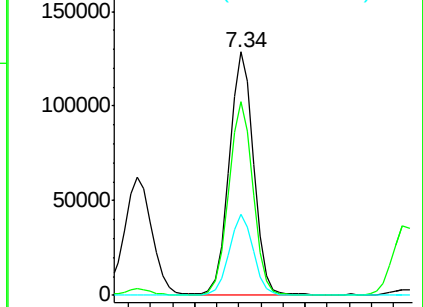
93 100

63 79.5 56.4 96.4

95 33.5 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.232 ng

RT: 7.81 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

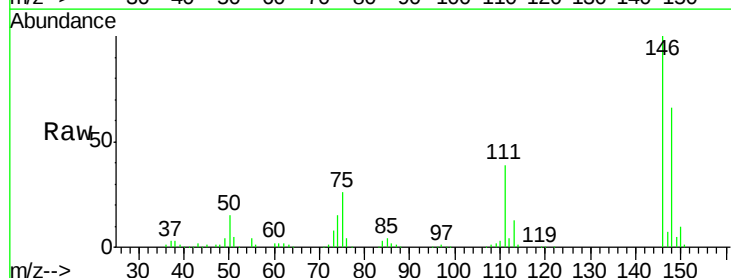
Tgt Ion: 146 Resp: 212487

Ion Ratio Lower Upper

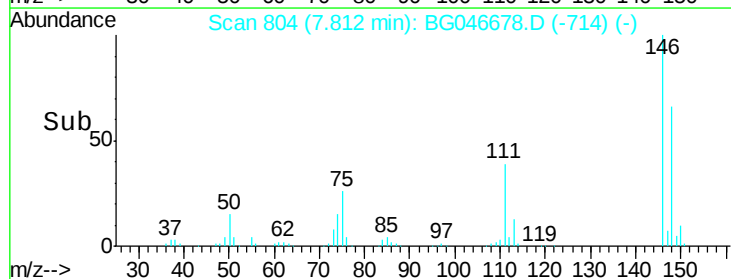
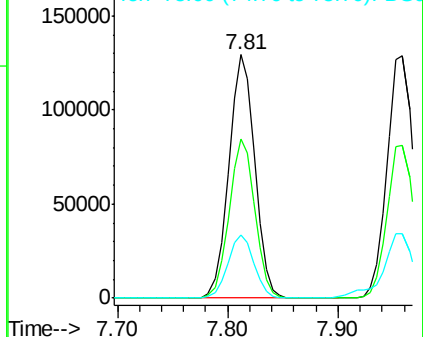
146 100

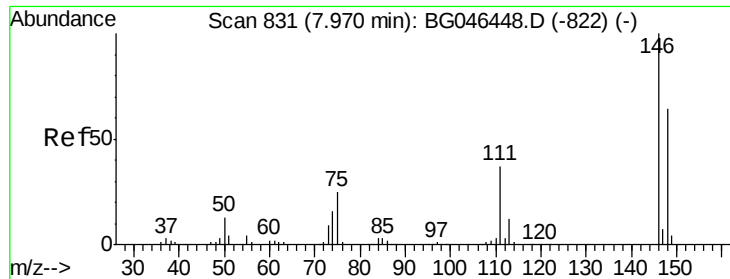
148 65.5 50.1 75.1

75 25.8 20.1 30.1



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

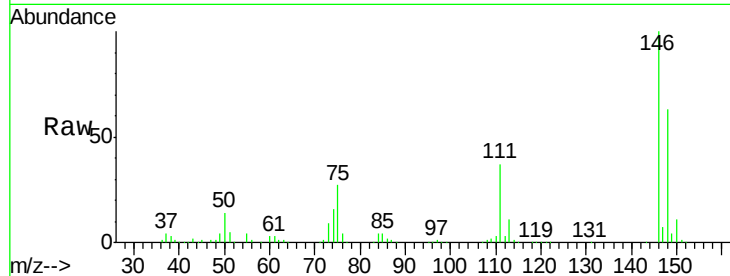




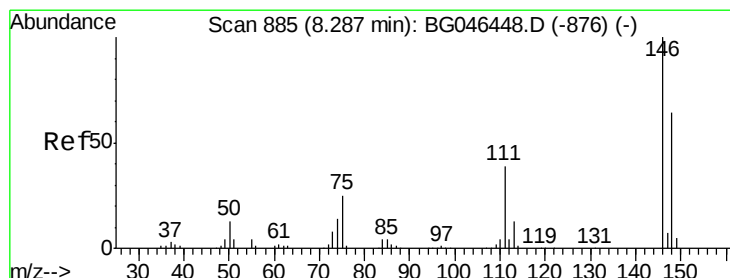
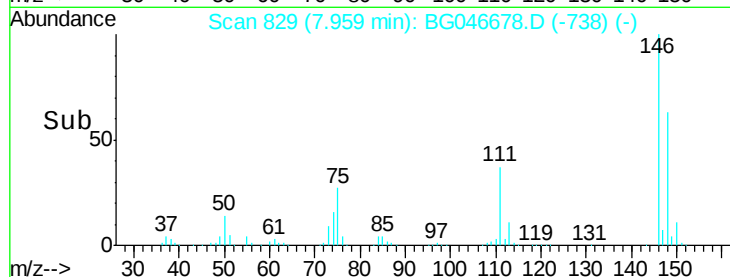
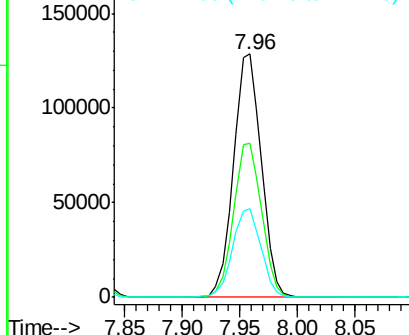
#13
 1,4-Dichlorobenzene
 Concen: 36.547 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

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

Tot Ion:146 Resp: 214576
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 36.7 29.7 44.5

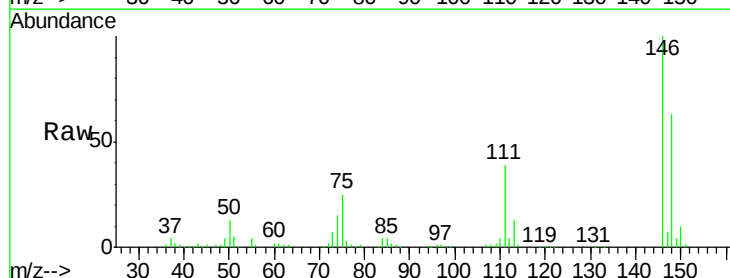


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

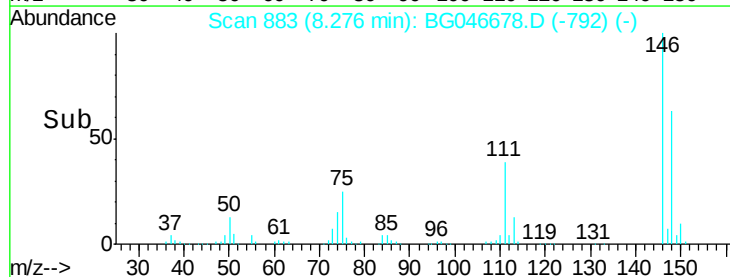
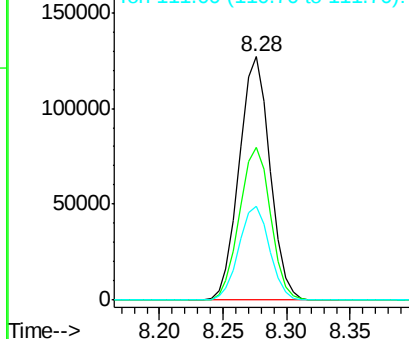


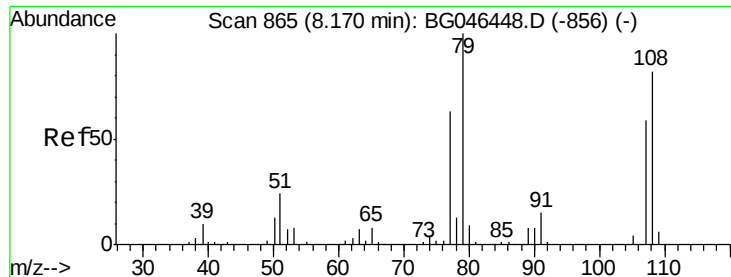
#14
 1,2-Dichlorobenzene
 Concen: 37.995 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:146 Resp: 213899
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.0 79.6
 111 38.8 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: 49.128 ng

RT: 8.16 min Scan# 864

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

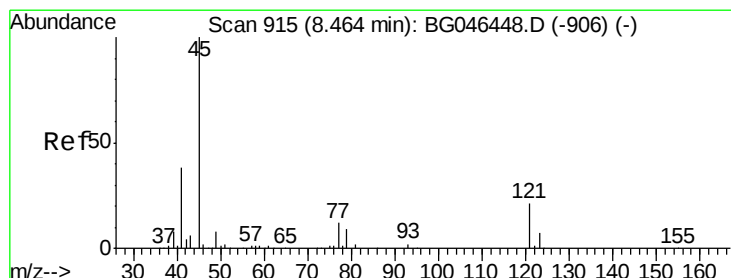
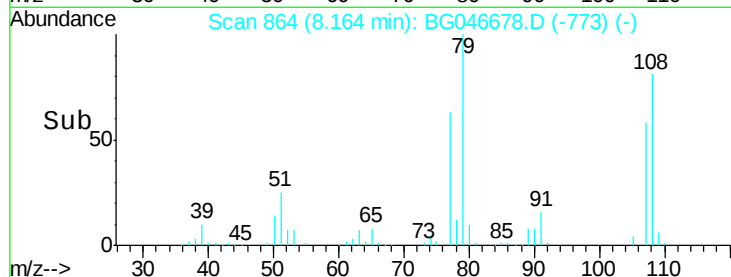
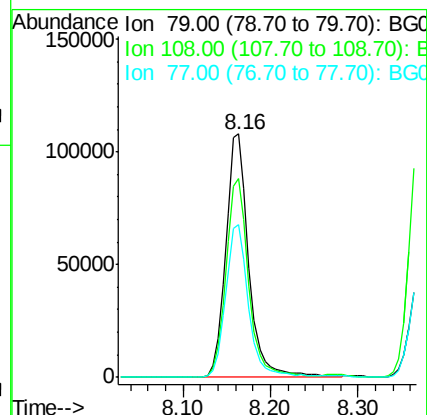
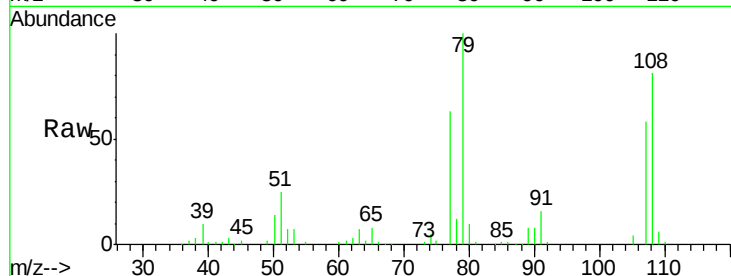
Tot Ion: 79 Resp: 195417

Ion Ratio Lower Upper

79 100

108 81.4 65.5 98.3

77 62.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.224 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

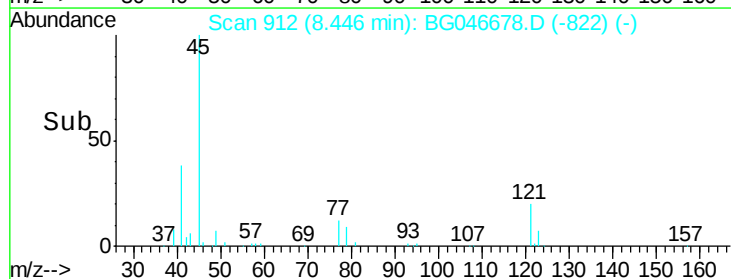
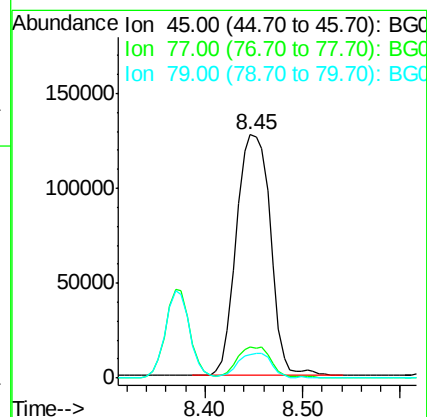
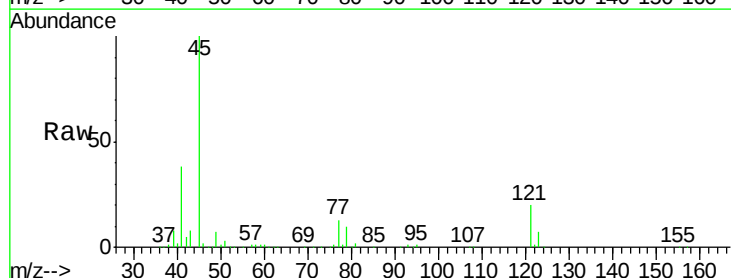
Tgt Ion: 45 Resp: 307528

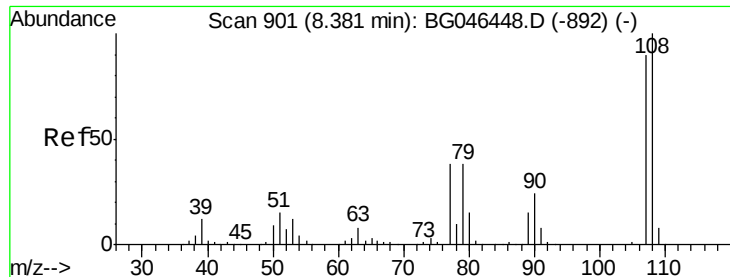
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.4

79 9.6 0.0 30.8

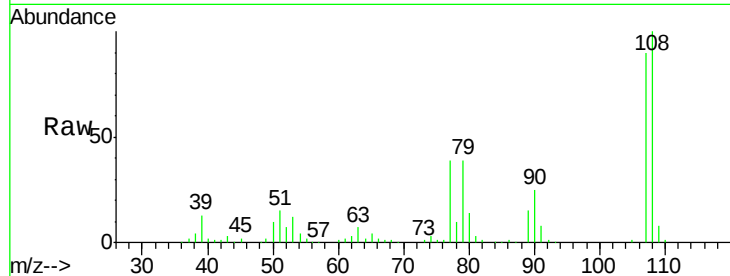




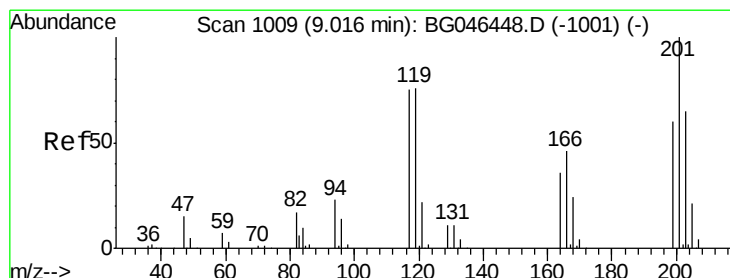
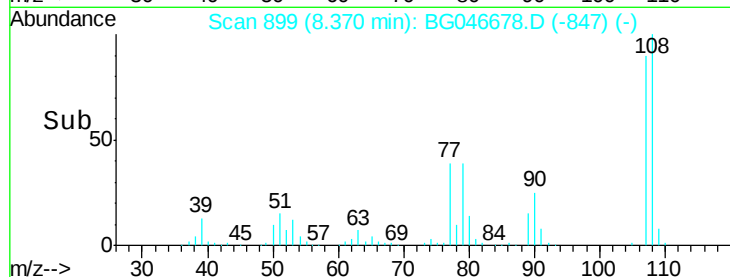
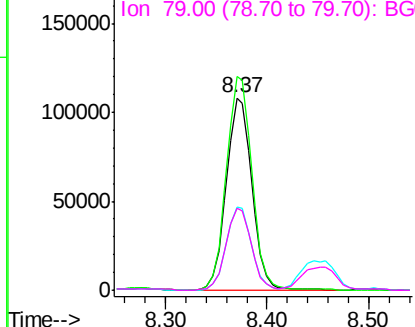
#17
2-Methylphenol
Concen: 46.977 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.2	130.8
77	43.3	33.8	50.8
79	42.9	32.7	49.1

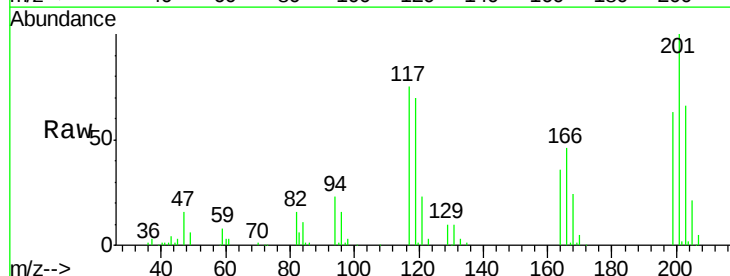


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

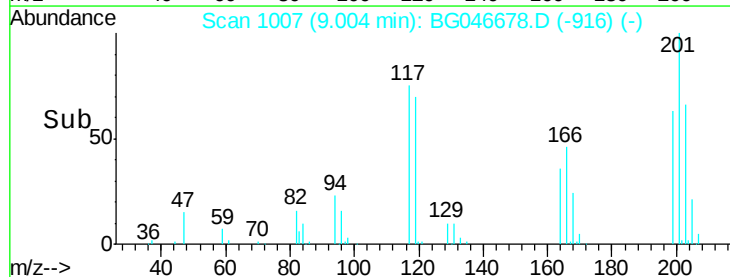
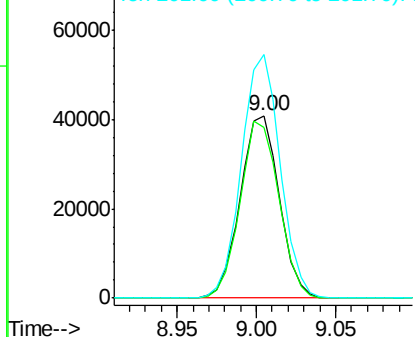


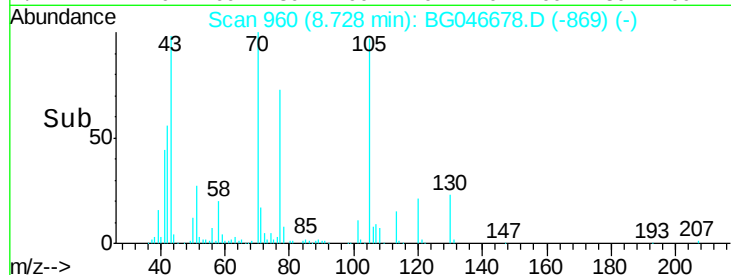
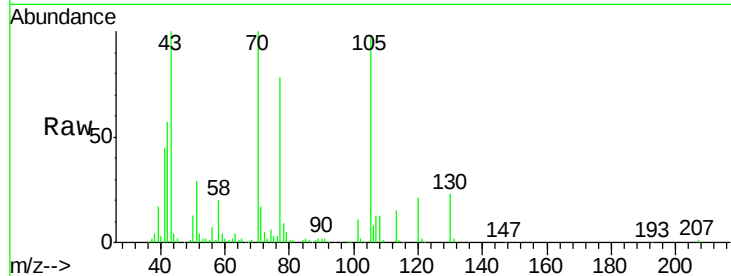
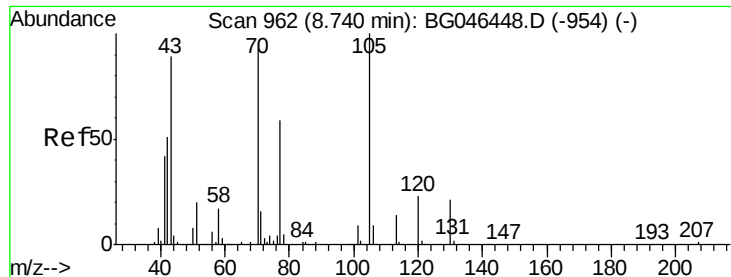
#18
Hexachloroethane
Concen: 35.135 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.5	116.3
201	133.4	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

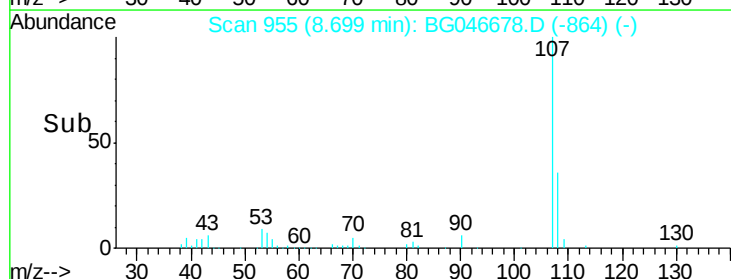
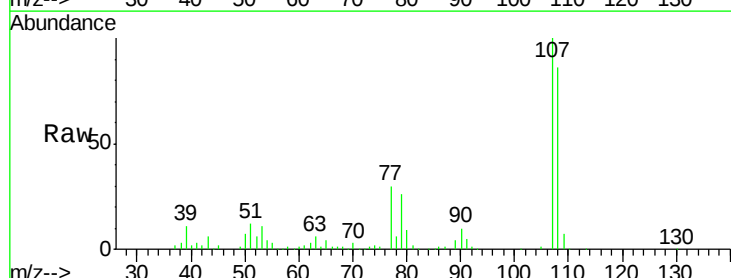
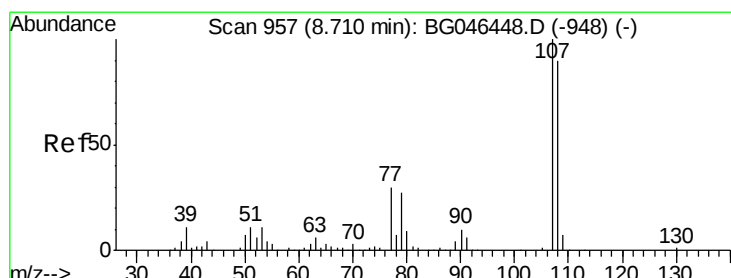
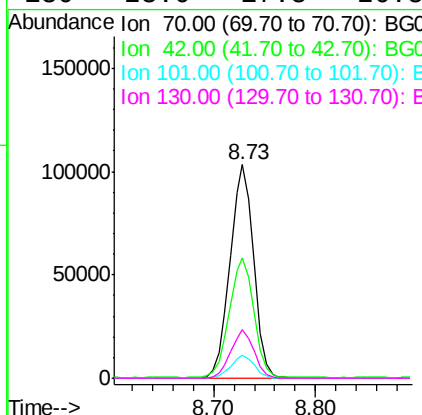




#19
n-Nitroso-di-n-propylamine
Concen: 44.923 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

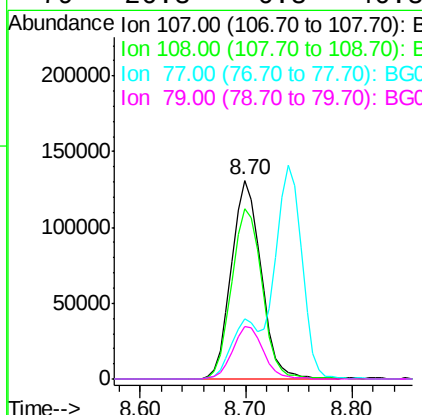
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

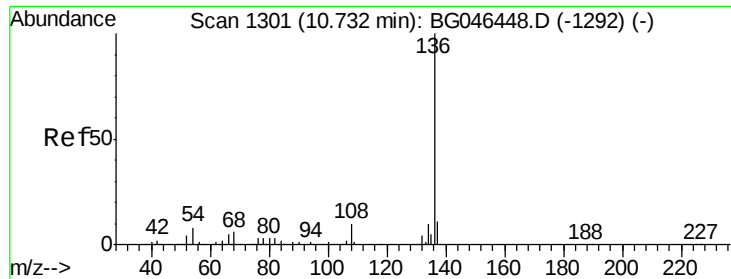
Tot Ion:	70	Resp:	166482
Ion	Ratio	Lower	Upper
70	100		
42	56.6	45.6	68.4
101	10.9	8.4	12.6
130	23.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.745 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:	107	Resp:	255525
Ion	Ratio	Lower	Upper
107	100		
108	86.0	70.6	110.6
77	30.3	10.2	50.2
79	26.3	6.8	46.8

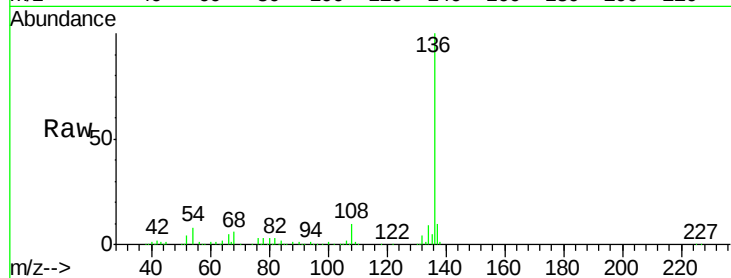




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:136	Resp: 320259
Ion Ratio	Lower Upper
136 100	
137 10.4	9.1 13.7
54 8.2	6.2 9.4
68 5.8	5.0 7.4



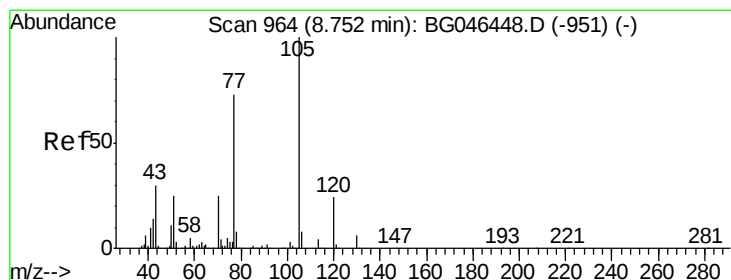
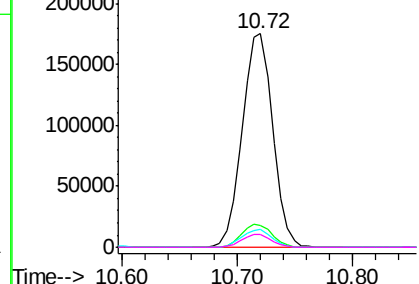
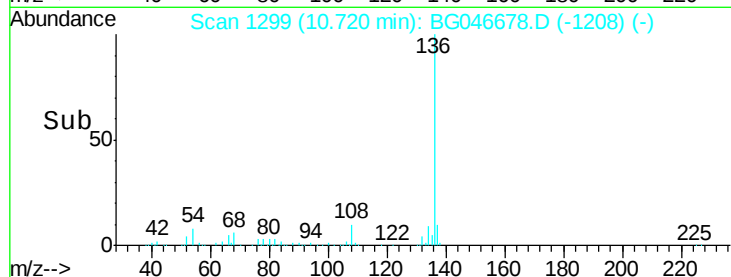
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

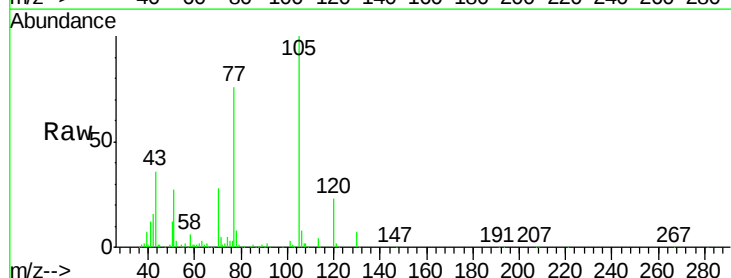
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.883 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt	Ion:105	Resp:	318715
Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.7	4.1#
51	26.8	21.0	31.6
120	22.8	19.3	28.9



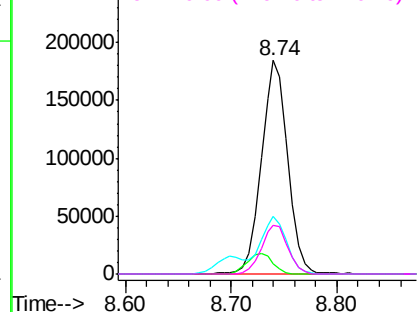
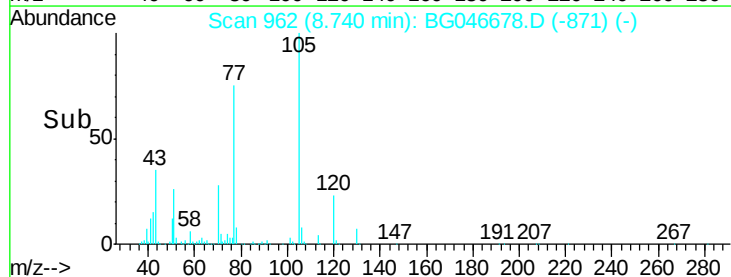
Abundance

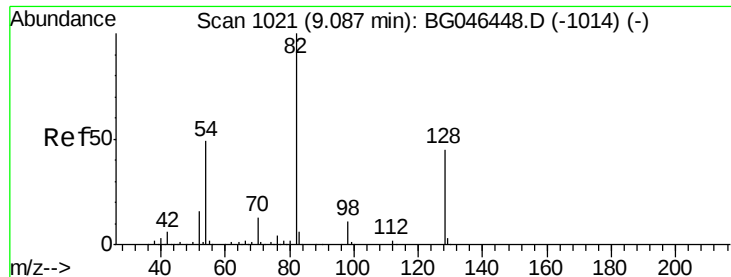
Ion 105.00 (104.70 to 105.70): E

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

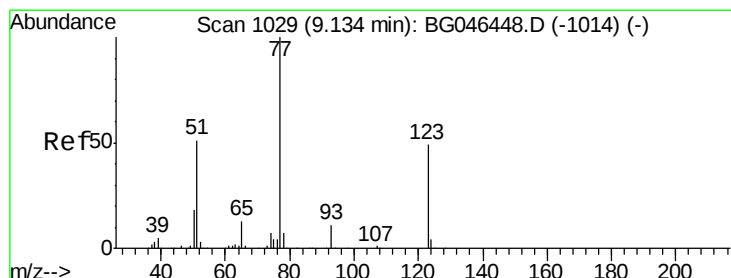
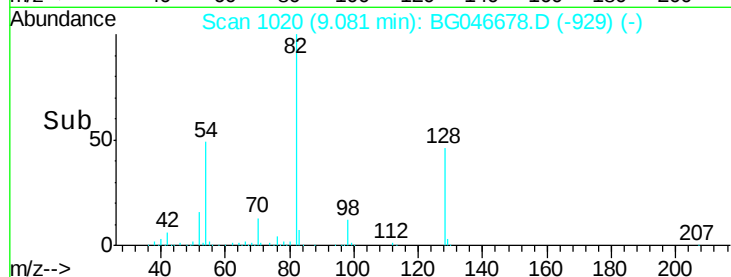
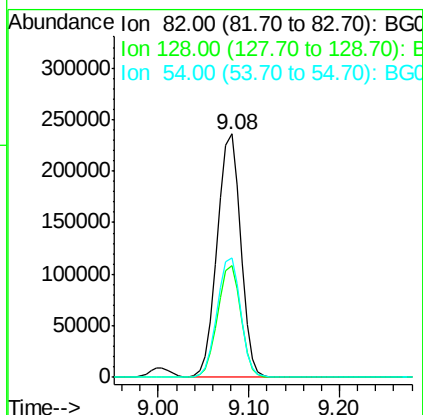
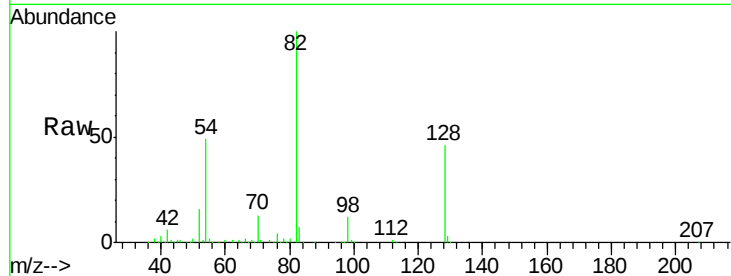




#23
 Nitrobenzene-d5
 Concen: 75.792 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

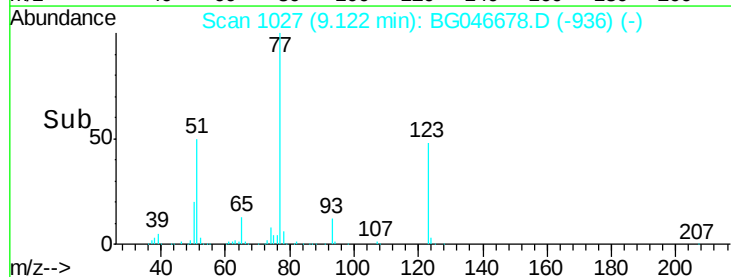
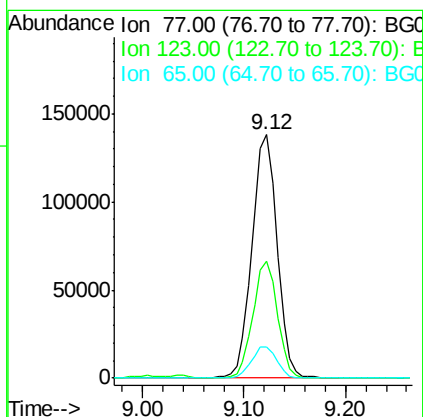
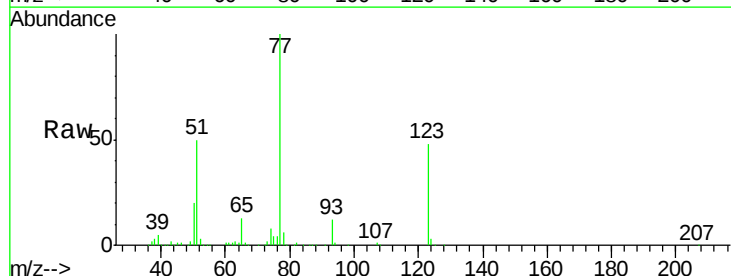
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

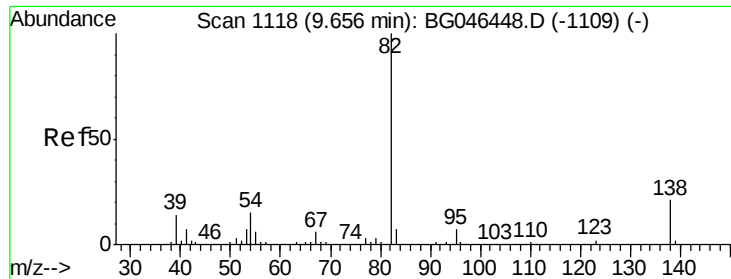
Tot Ion	82	Resp	424690
Ion Ratio	100	Lower	Upper
128	45.8	37.0	55.6
54	48.9	39.0	58.4



#24
 Nitrobenzene
 Concen: 43.303 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	77	Resp	239713
Ion Ratio	100	Lower	Upper
123	48.2	39.7	59.5
65	13.0	10.4	15.6





#25

Isophorone

Concen: 45.174 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

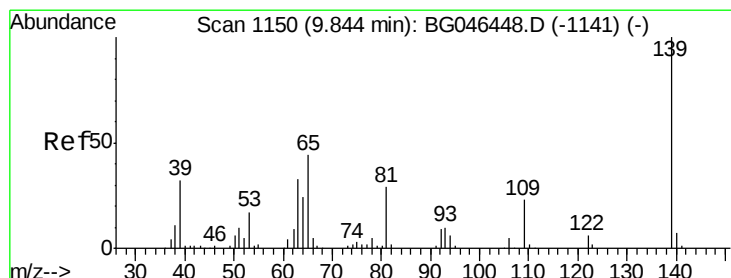
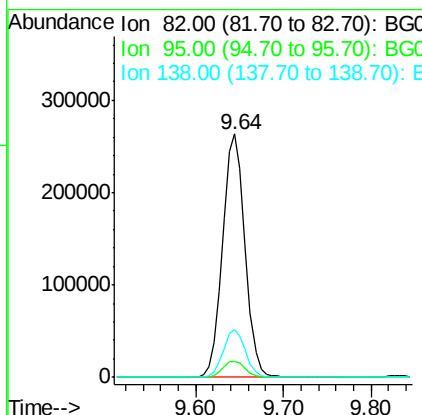
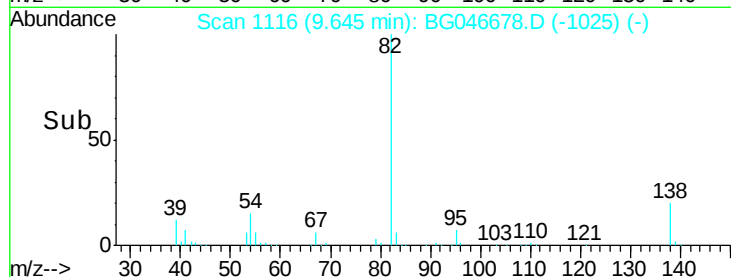
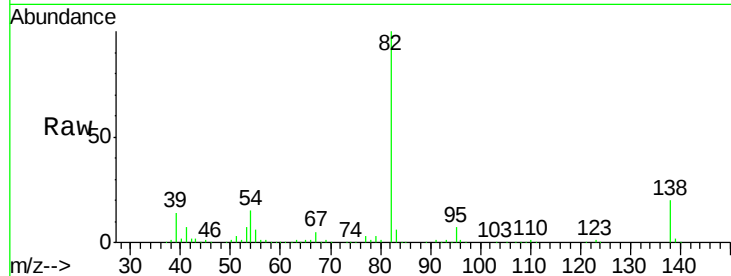
Tot Ion: 82 Resp: 464072

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 19.7 15.8 23.6



#26

2-Nitrophenol

Concen: 44.489 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

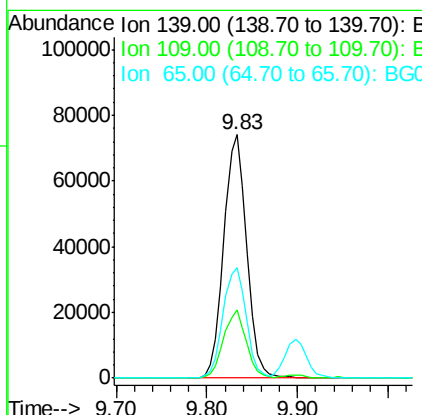
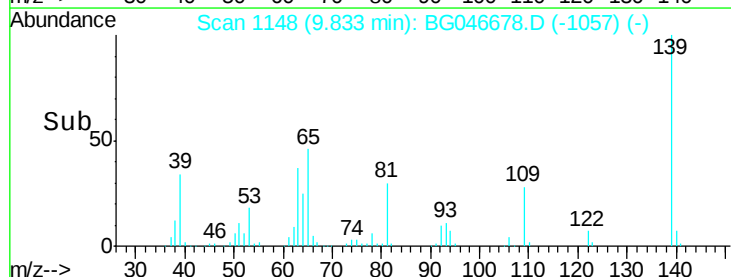
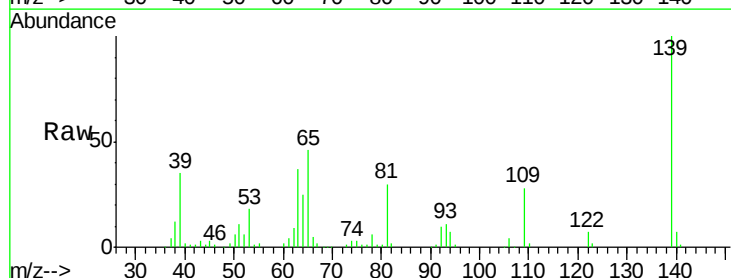
Tgt Ion: 139 Resp: 129940

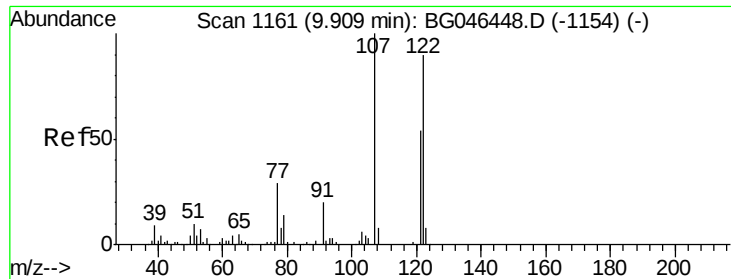
Ion Ratio Lower Upper

139 100

109 28.0 20.7 31.1

65 45.5 36.1 54.1

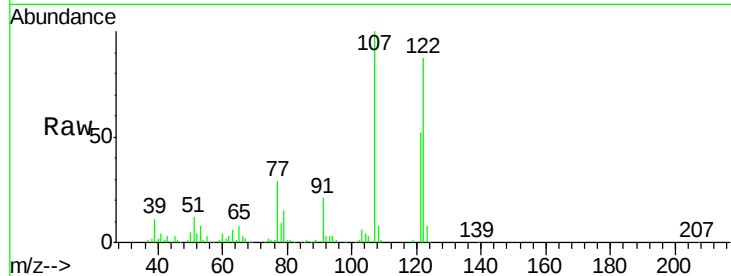




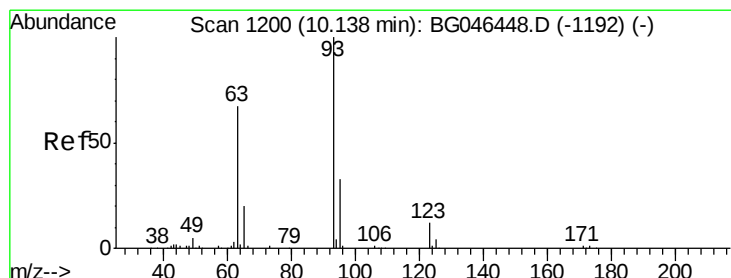
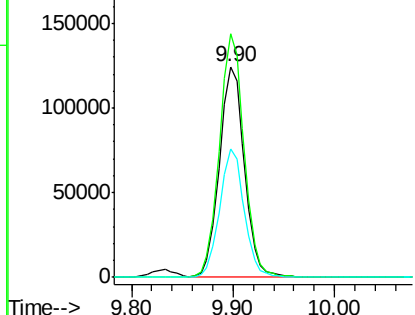
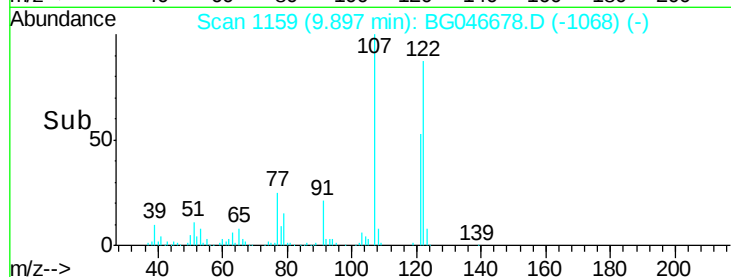
#27
 2,4-Dimethylphenol
 Concen: 52.841 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	89.2	133.8
121	60.6	46.9	70.3

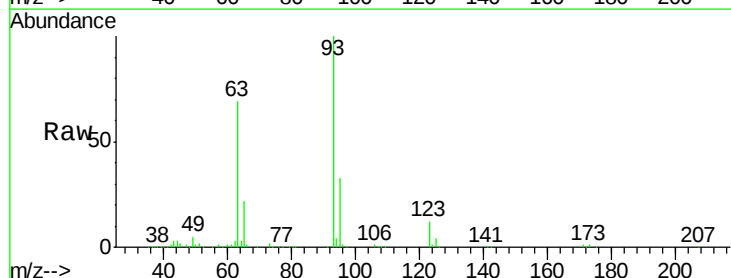


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

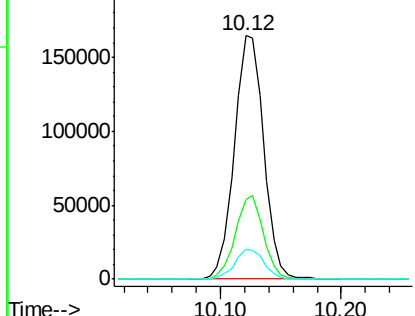
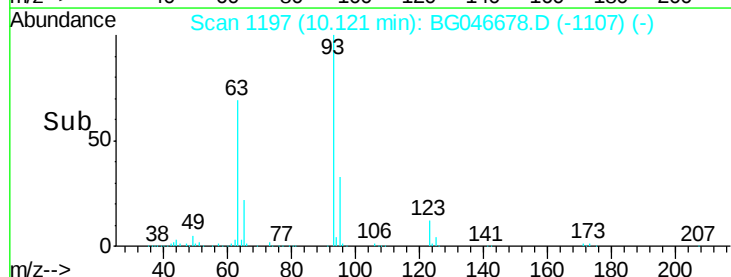


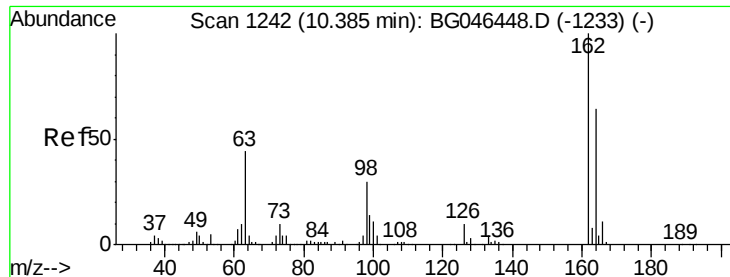
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.202 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	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

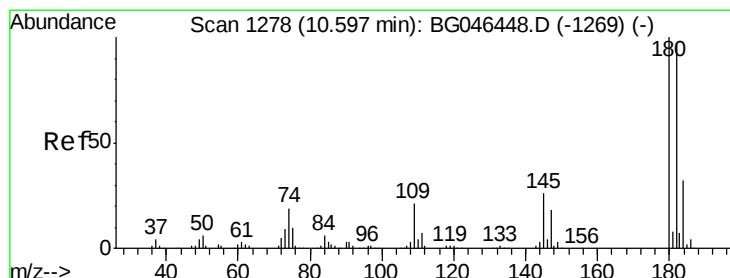
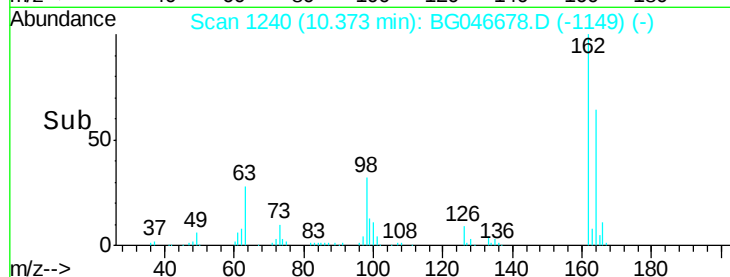
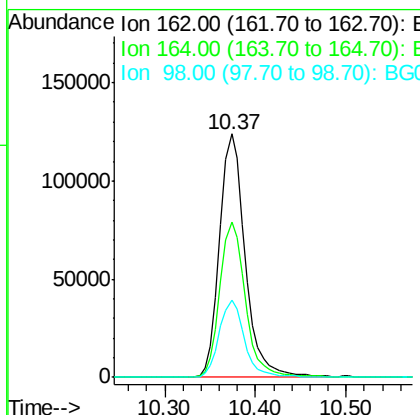
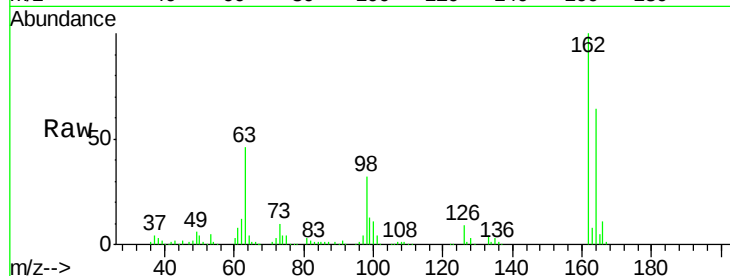




#29
 2,4-Dichlorophenol
 Concen: 45.491 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

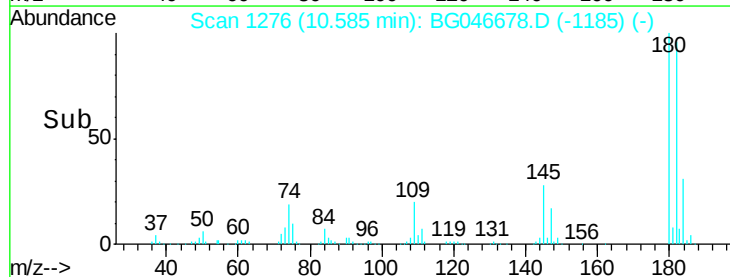
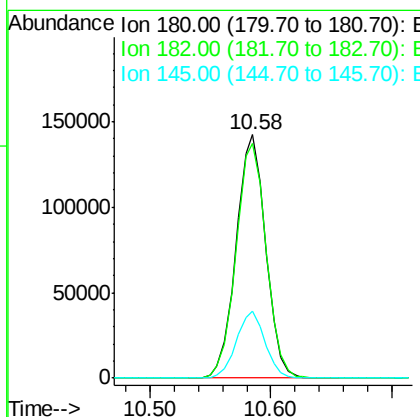
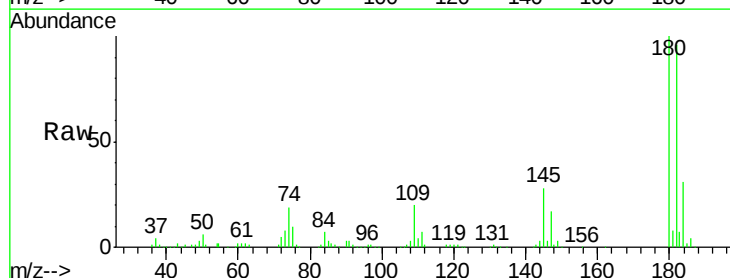
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

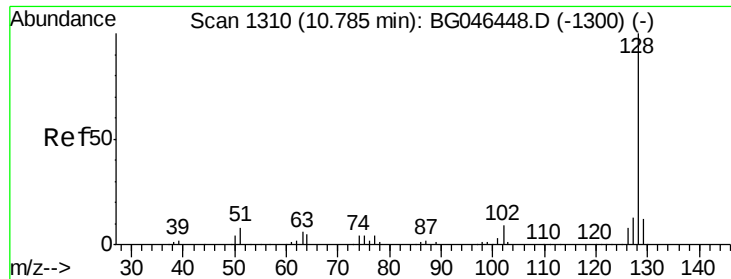
Tot Ion:162 Resp: 243610
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.6 85.6
 98 31.9 11.0 51.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.049 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:180 Resp: 241758
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.9 115.3
 145 27.5 21.4 32.0

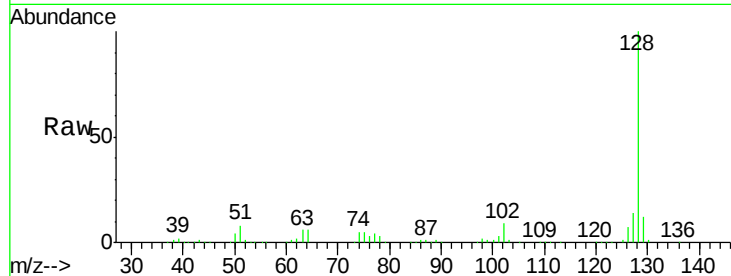




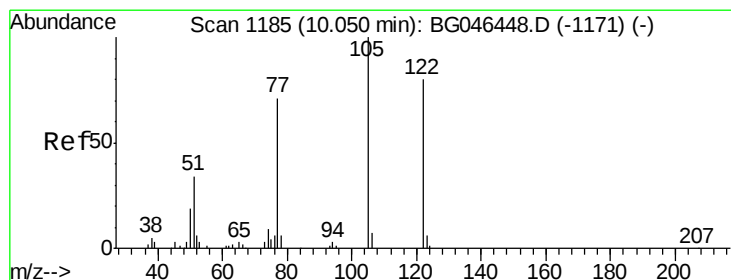
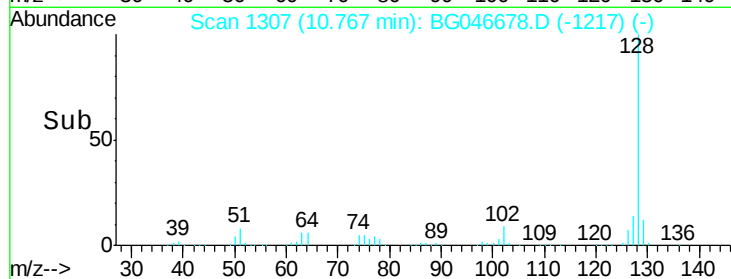
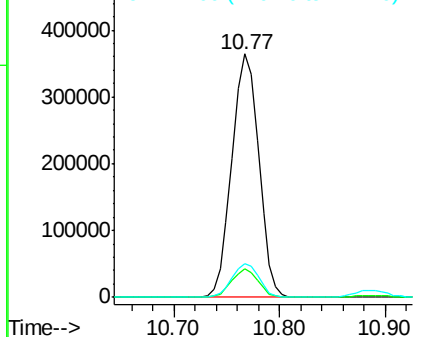
#31
Naphthalene
Concen: 41.121 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:128 Resp: 643006
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.0 11.0 16.4

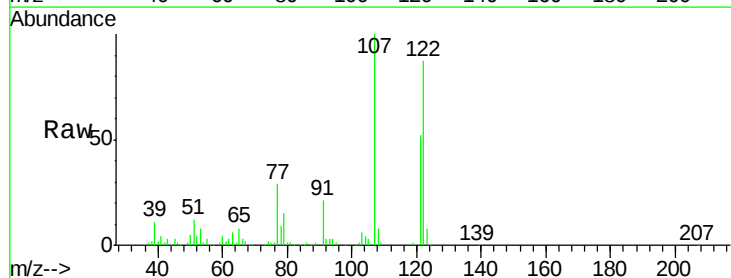


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

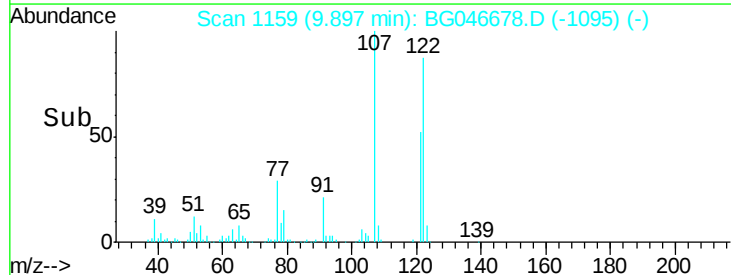
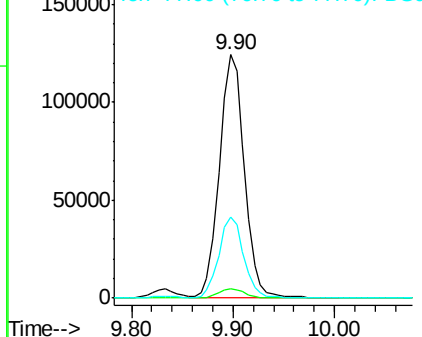


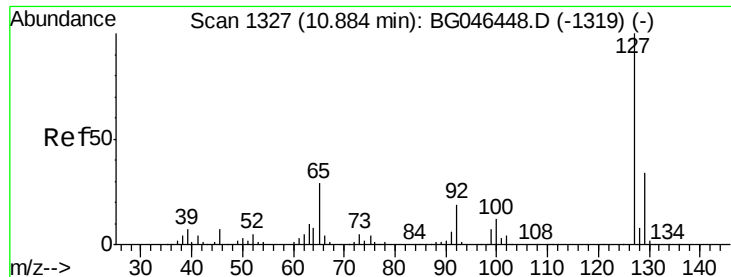
#32
Benzoic acid
Concen: 63.545 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.15 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:122 Resp: 212271
Ion Ratio Lower Upper
122 100
105 3.9 103.7 143.7#
77 33.3 63.0 103.0#



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

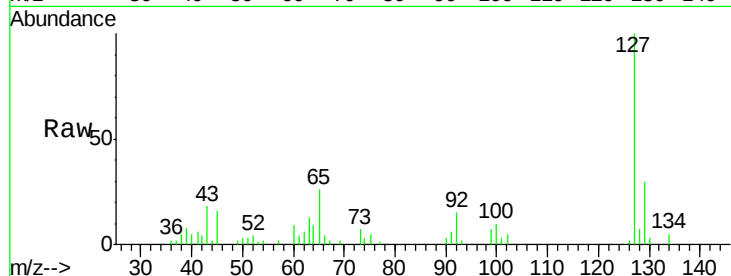




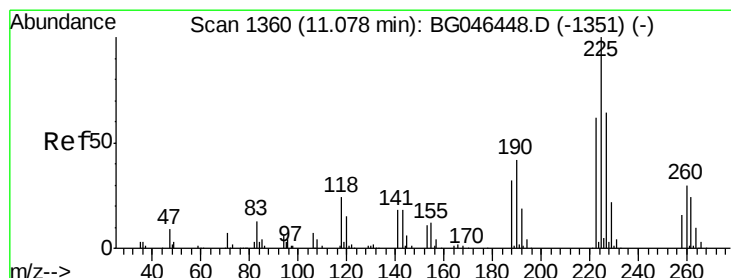
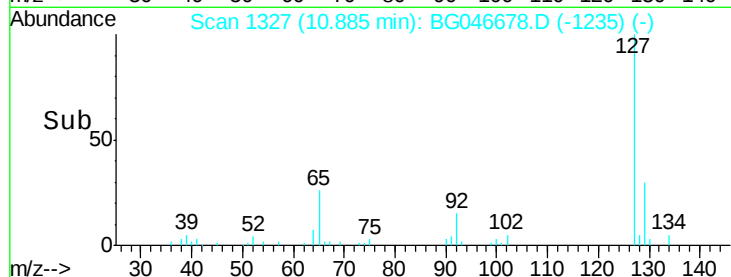
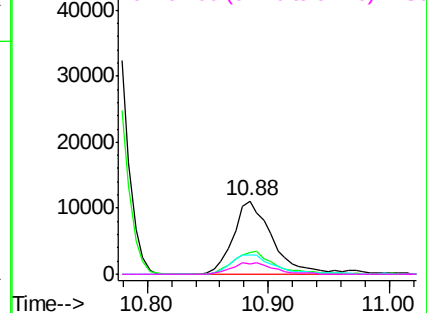
#33
4-Chloroaniline
Concen: 3.623 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:	127	Resp:	24979
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.8	40.2
65	25.8	23.8	35.6
92	14.8	14.5	21.7

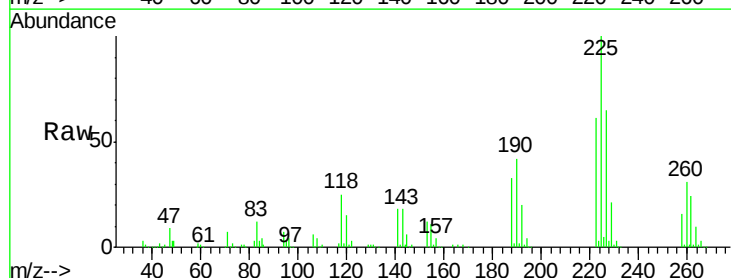


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

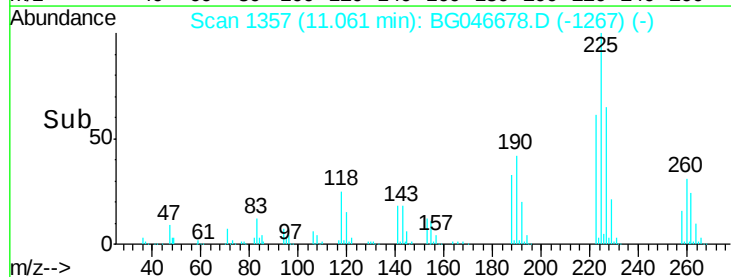
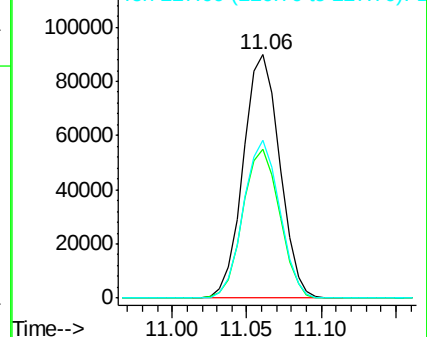


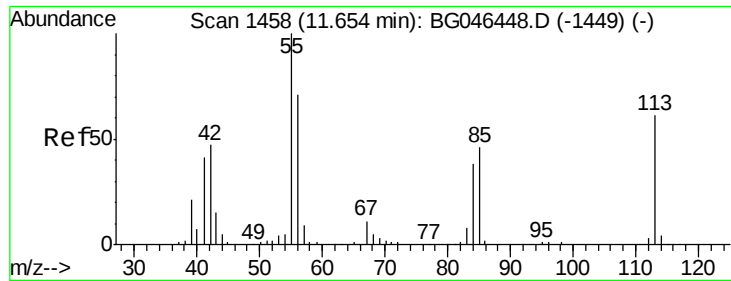
#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:	225	Resp:	151736
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	65.0	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: 31.823 ng

RT: 11.65 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

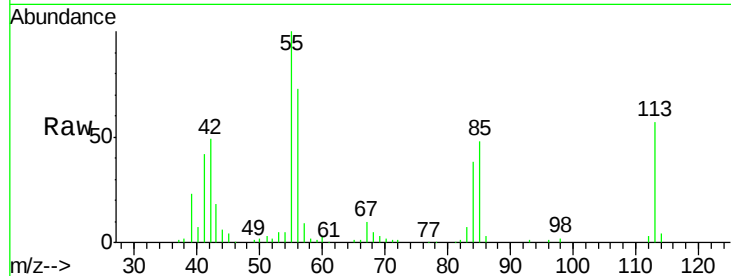
Tot Ion:113 Resp: 63702

Ion Ratio Lower Upper

113 100

55 174.3 149.2 189.2

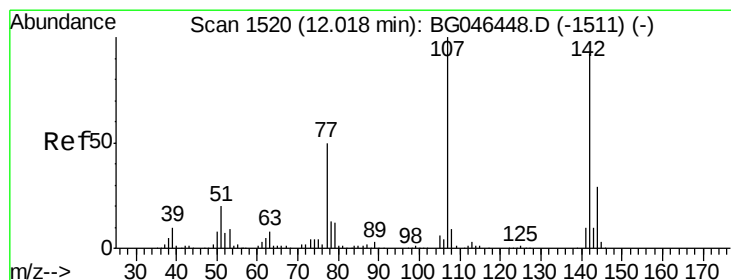
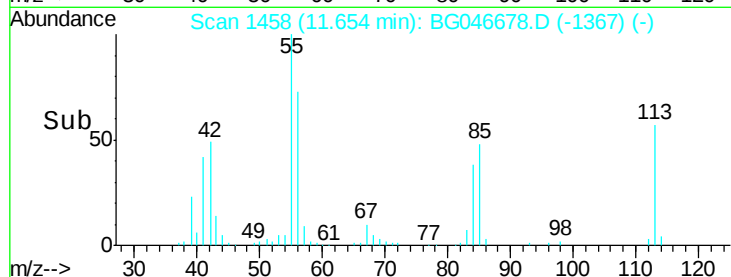
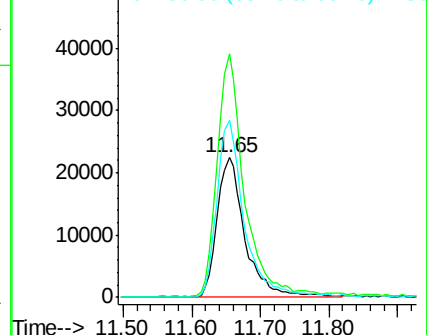
56 127.2 107.2 147.2



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: 45.975 ng

RT: 12.01 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

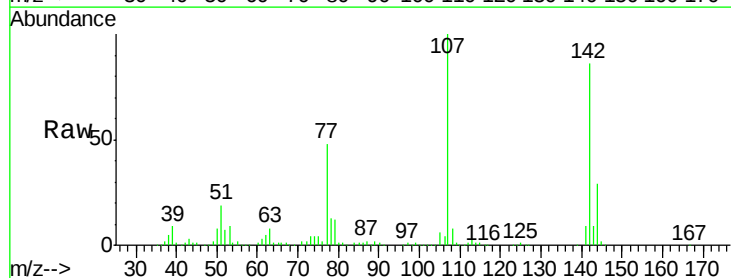
Tgt Ion:107 Resp: 240804

Ion Ratio Lower Upper

107 100

144 28.6 22.5 33.7

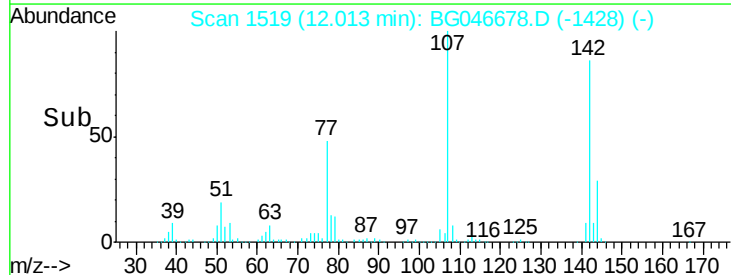
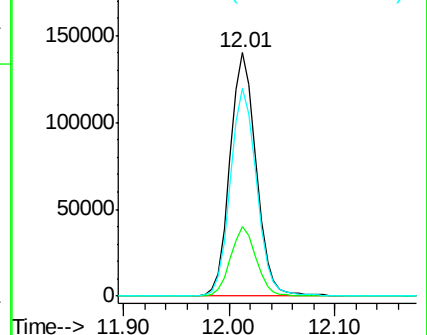
142 85.6 70.8 106.2

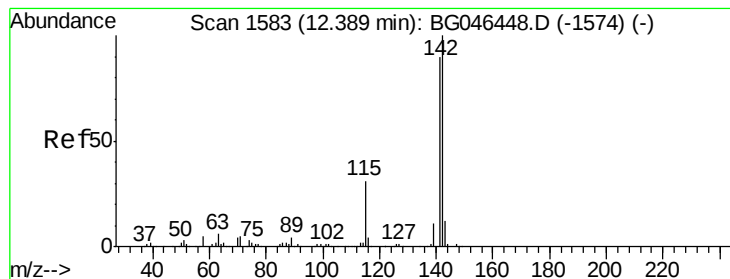


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.009 ng

RT: 12.38 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

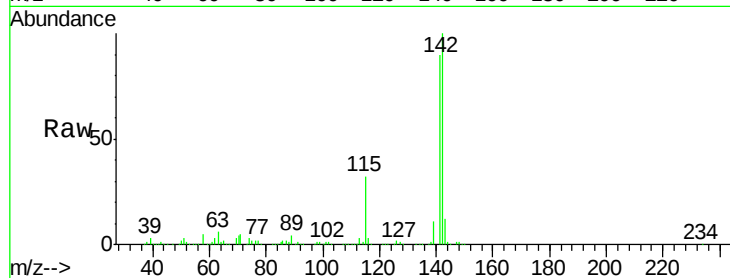
Tot Ion:142 Resp: 518083

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

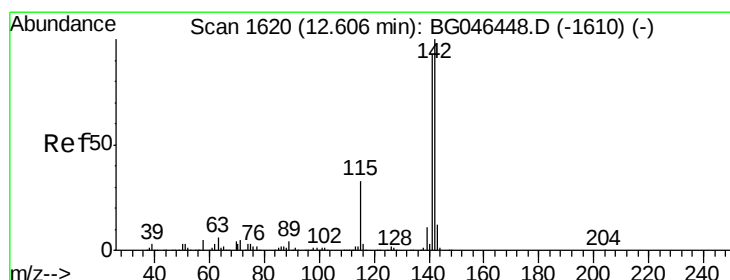
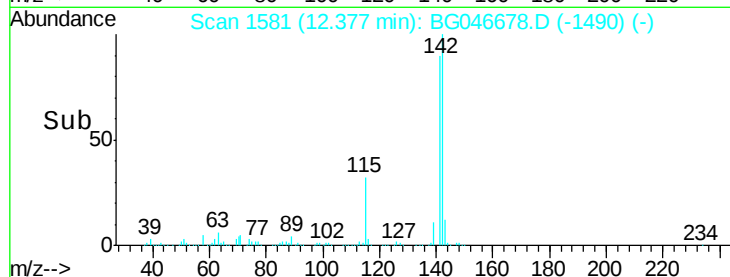
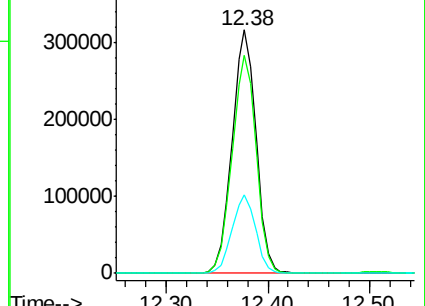
115 32.1 25.4 38.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.073 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

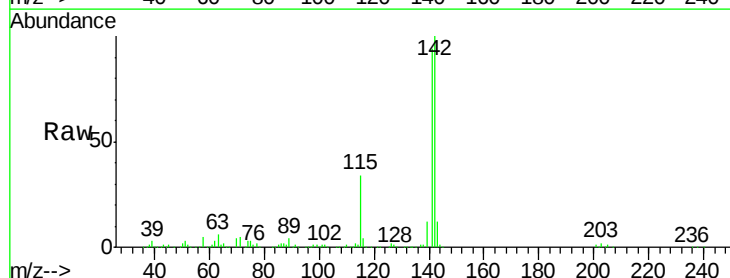
Tgt Ion:142 Resp: 491490

Ion Ratio Lower Upper

142 100

141 93.6 75.4 113.2

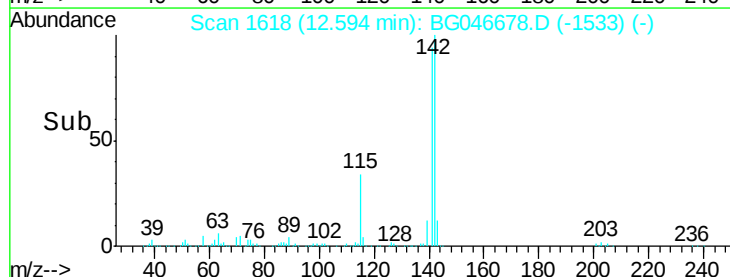
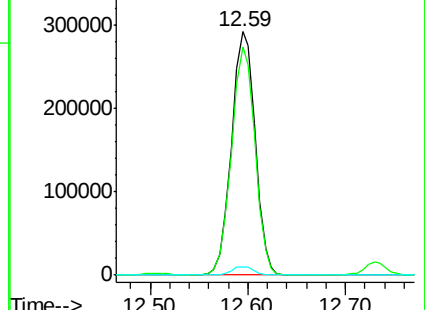
116 3.6 2.9 4.3

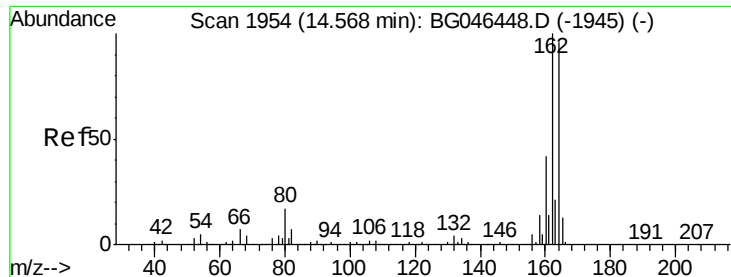


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

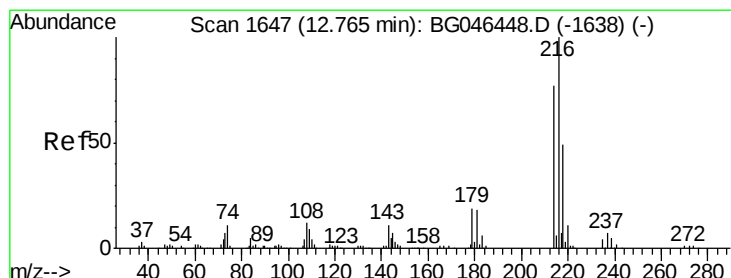
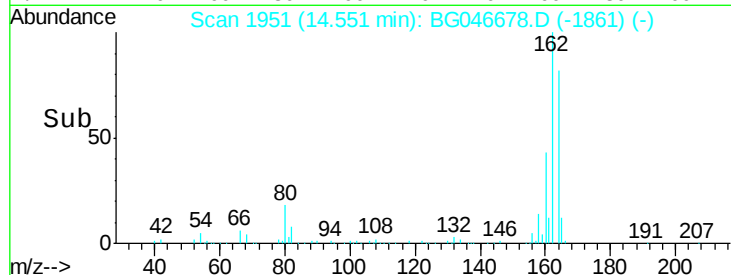
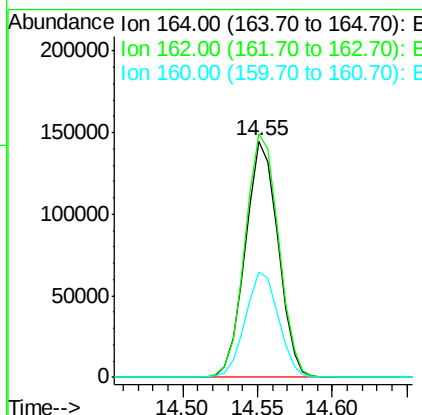
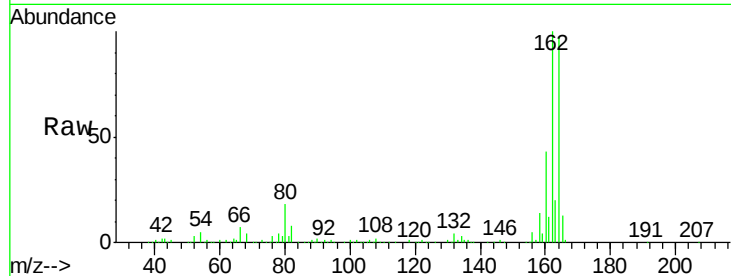




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

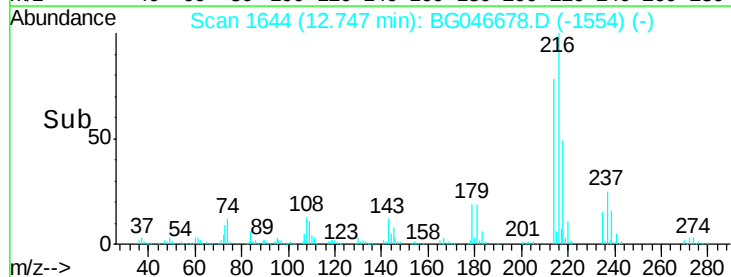
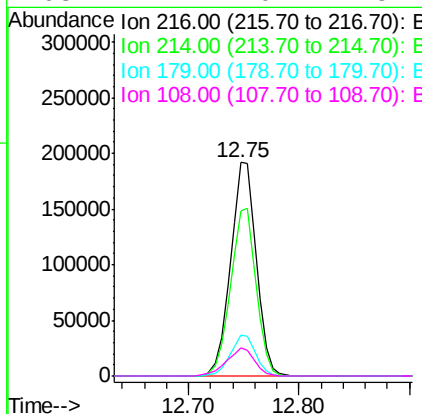
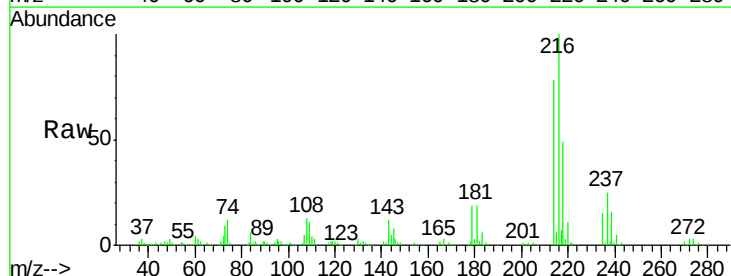
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

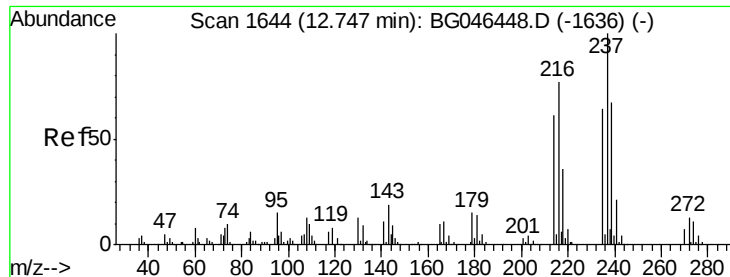
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	44.5	35.3	52.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.315 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
179	18.7	14.8	22.2
108	14.1	10.2	15.4





#41

Hexachlorocyclopentadiene

Concen: 75.301 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

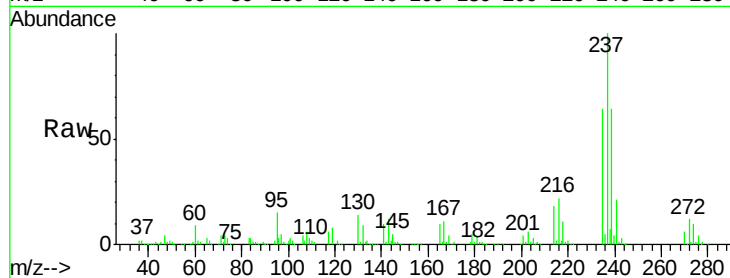
Tot Ion:237 Resp: 236717

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

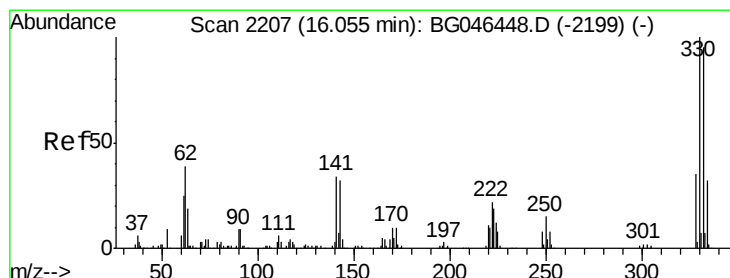
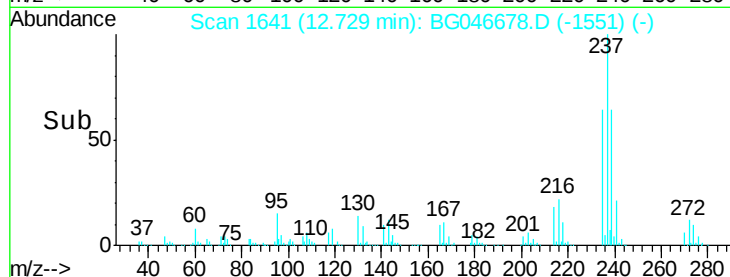
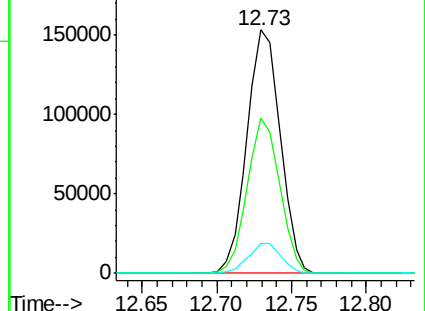
272 12.5 0.0 33.1



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: 94.583 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

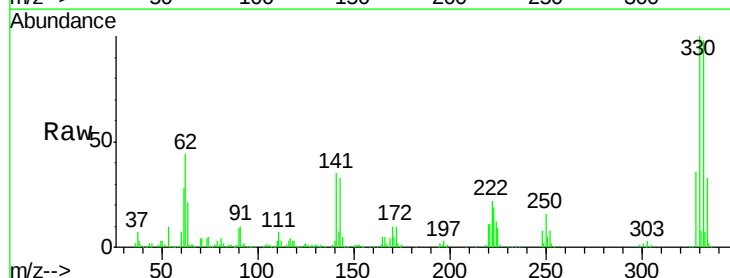
Tgt Ion:330 Resp: 280960

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

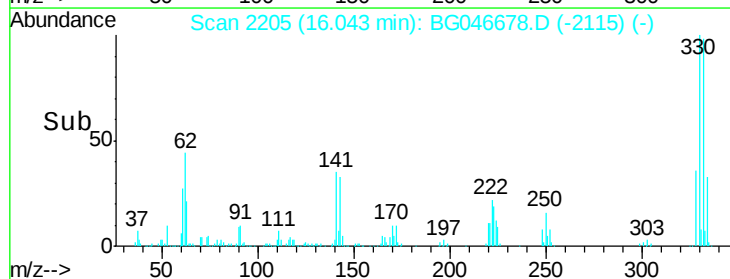
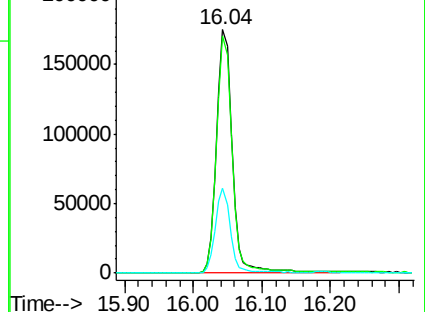
141 33.1 26.0 39.0

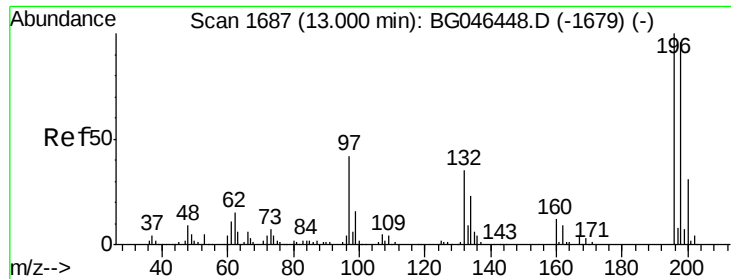


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

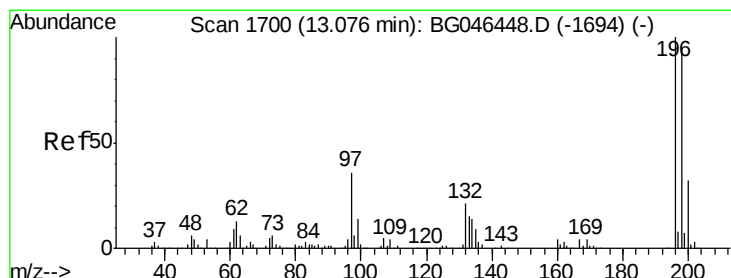
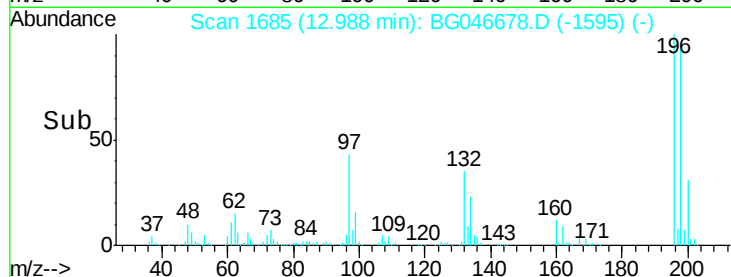
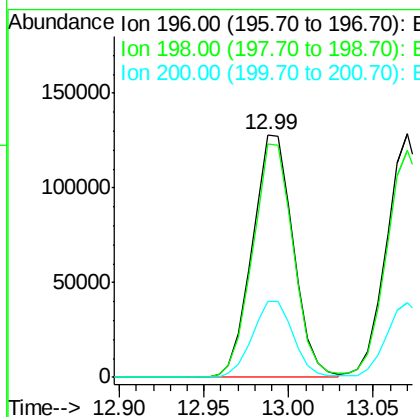
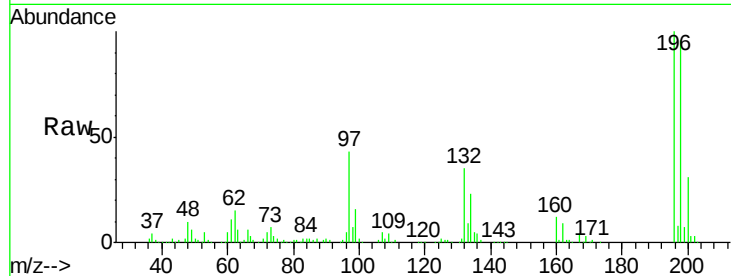




#43
 2,4,6-Trichlorophenol
 Concen: 44.157 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

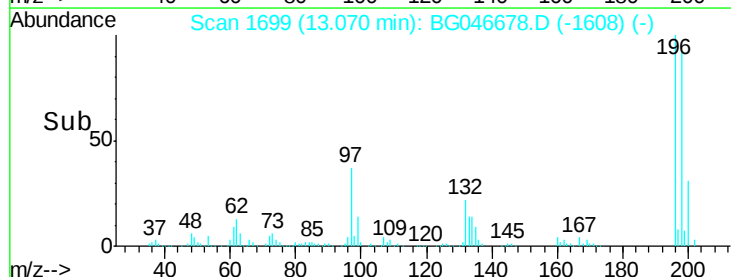
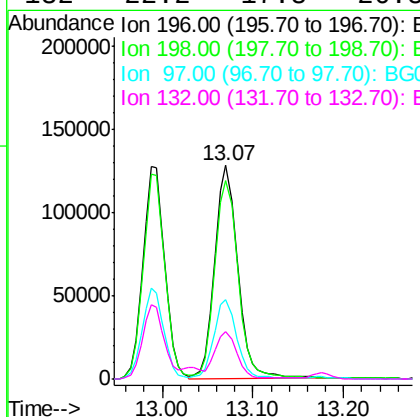
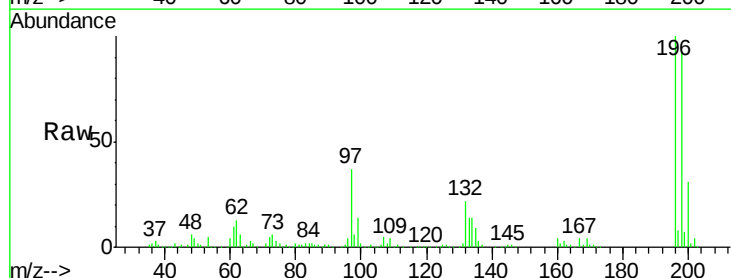
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

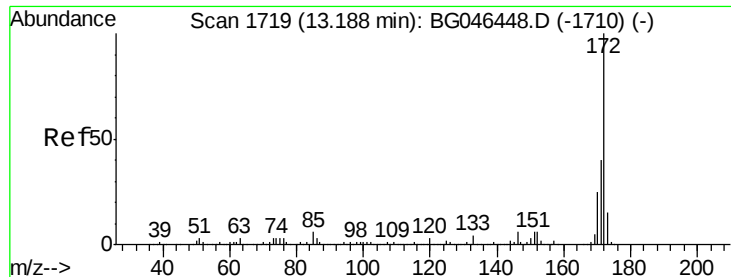
Tot Ion:196 Resp: 215431
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.9 112.3
 200 31.4 25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 44.194 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:196 Resp: 226536
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.6 116.4
 97 36.9 28.6 43.0
 132 22.2 17.8 26.8

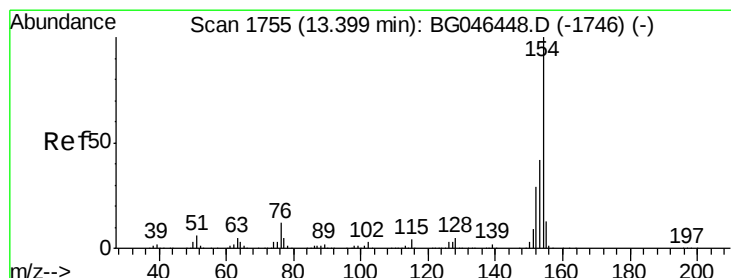
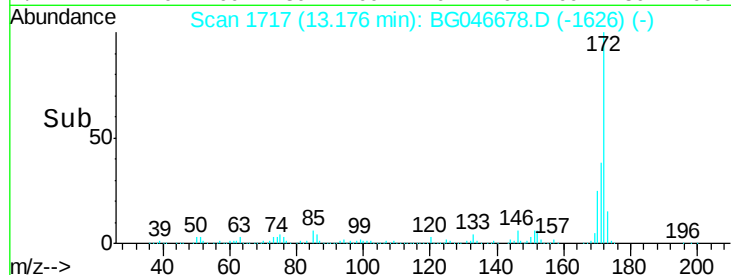
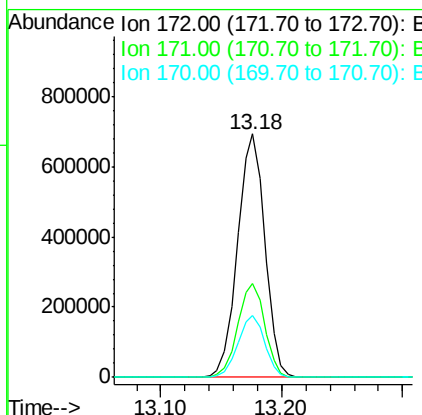
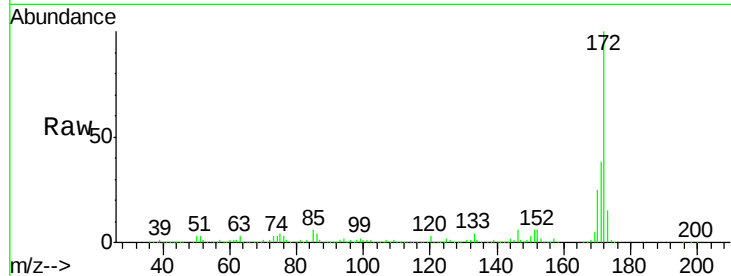




#45
 2-Fluorobiphenyl
 Concen: 75.992 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

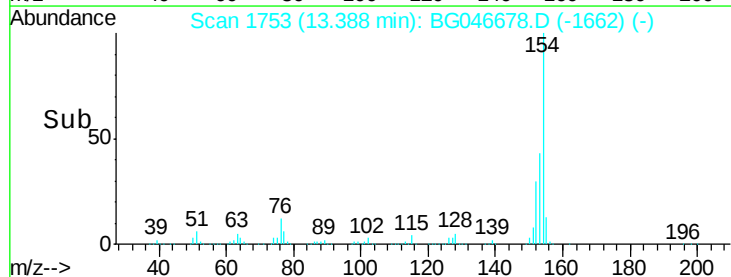
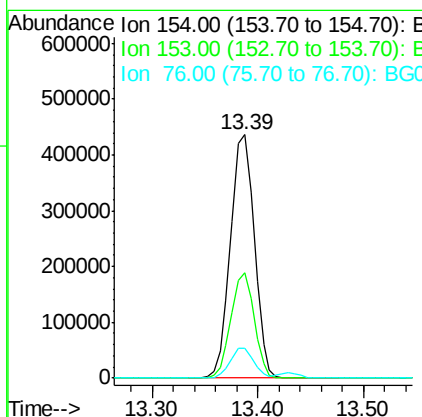
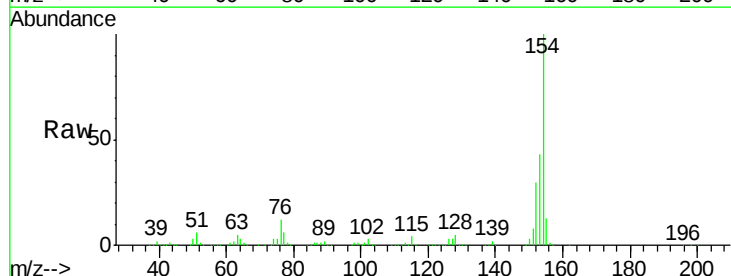
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

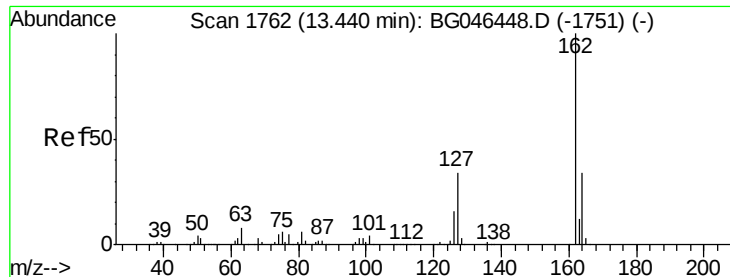
Tot Ion:172 Resp: 1091352
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.4 20.8 31.2



#46
 1,1'-Biphenyl
 Concen: 44.569 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:154 Resp: 679820
 Ion Ratio Lower Upper
 154 100
 153 43.1 22.6 62.6
 76 12.1 0.0 32.6

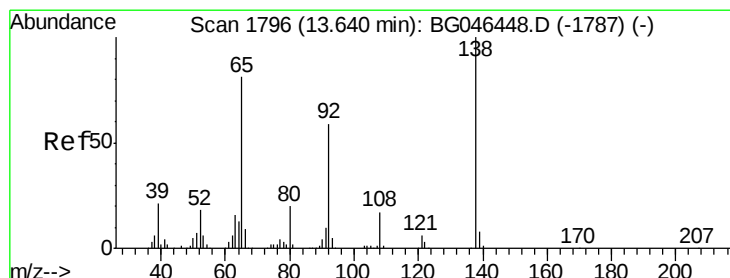
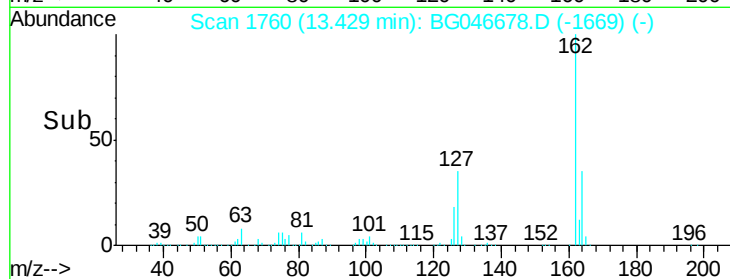
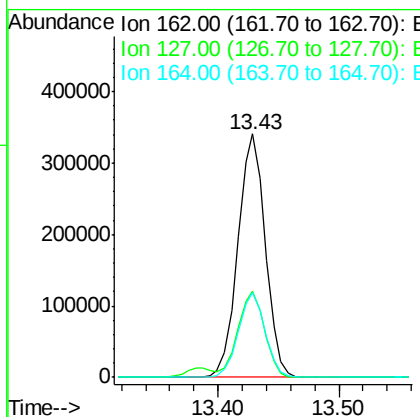
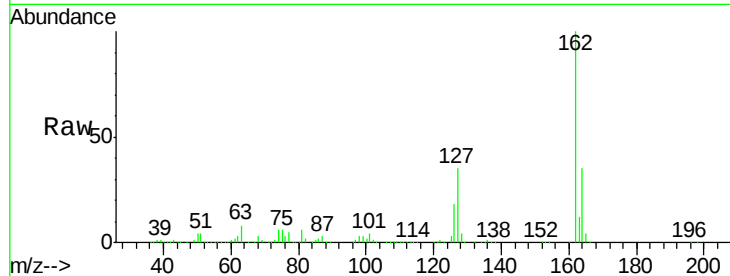




#47
2-Chloronaphthalene
Concen: 41.511 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

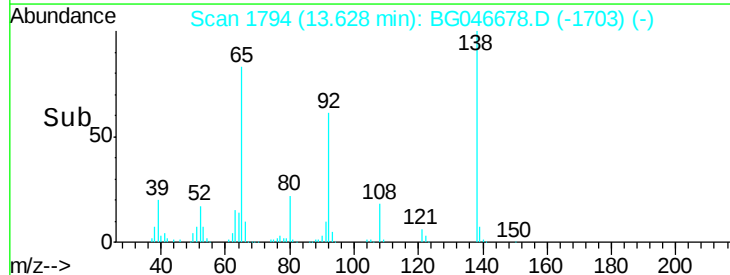
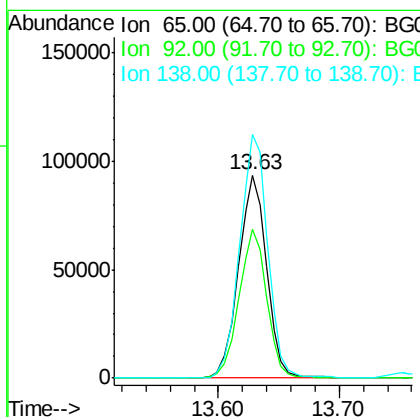
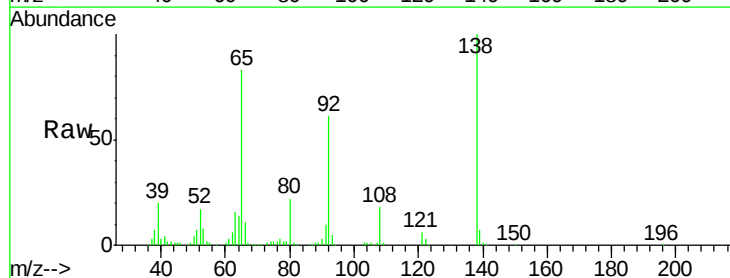
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

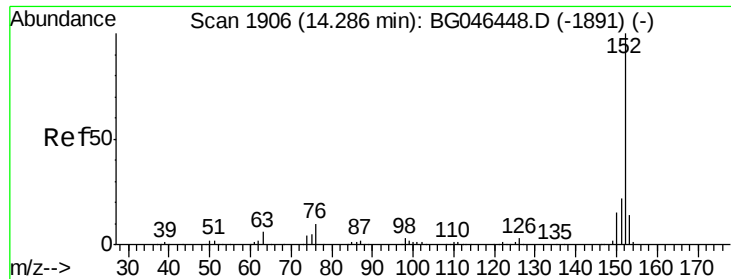
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	27.8	41.6
164	34.9	27.0	40.4



#48
2-Nitroaniline
Concen: 42.207 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.6	88.0
138	120.1	98.2	147.4





#49

Acenaphthylene

Concen: 42.898 ng

RT: 14.27 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

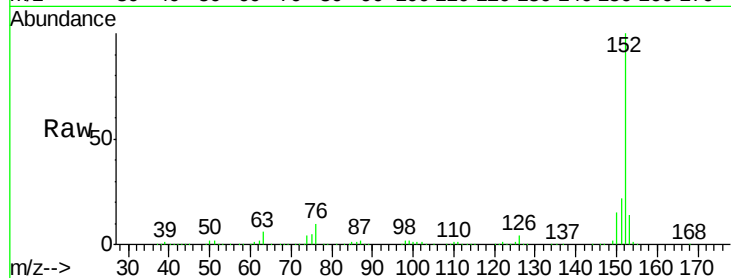
Tot Ion:152 Resp: 841558

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.0

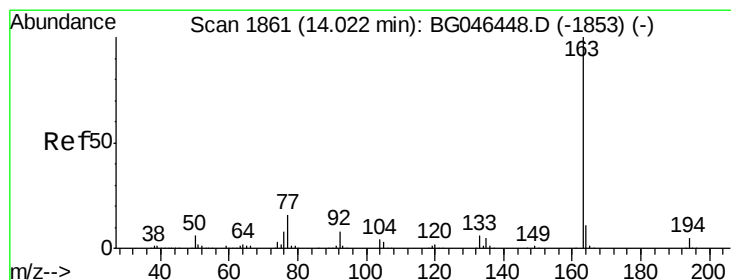
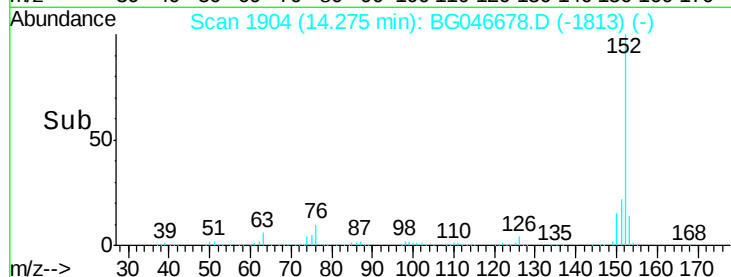
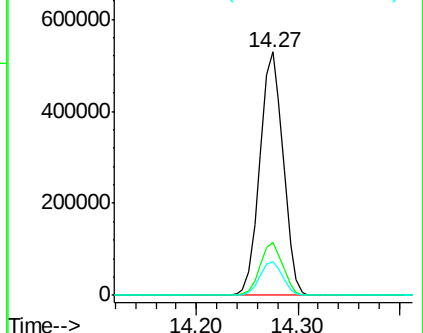
153 13.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.534 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

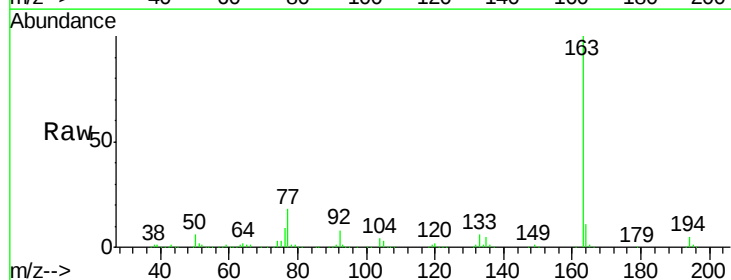
Tgt Ion:163 Resp: 687501

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

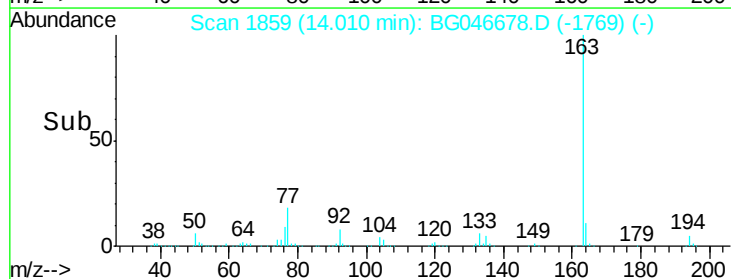
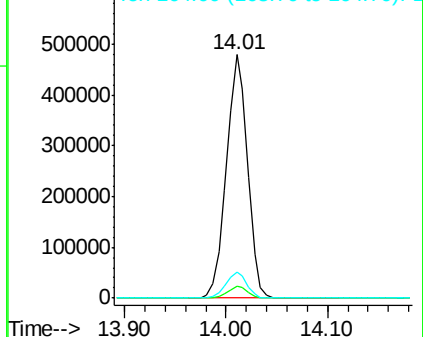
164 10.9 8.8 13.2

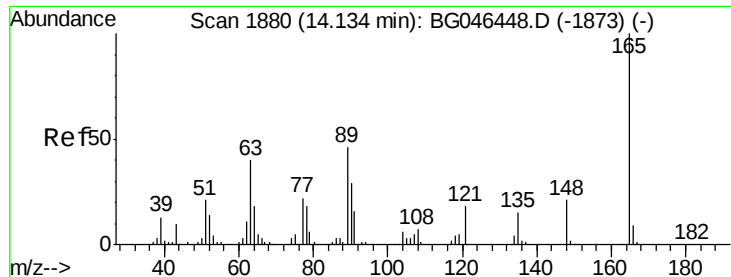


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

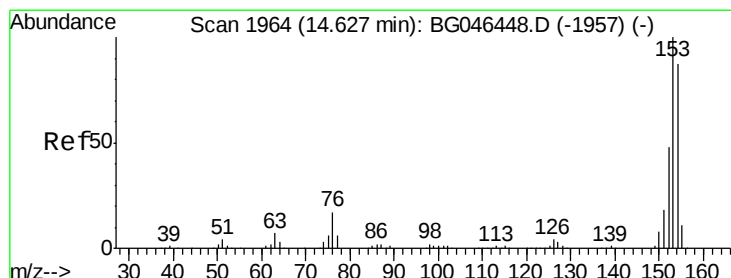
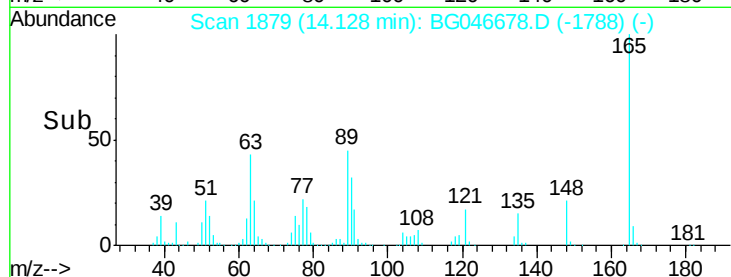
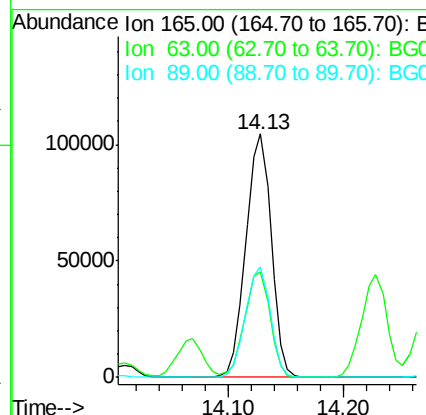
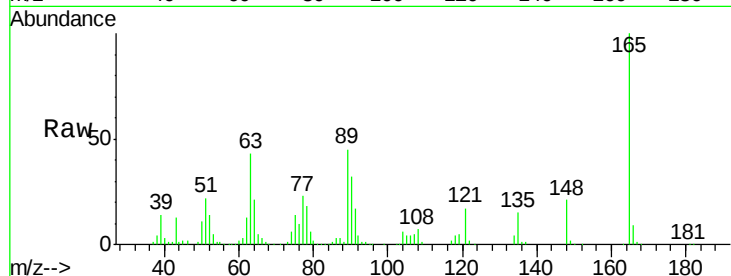




#51
 2,6-Dinitrotoluene
 Concen: 42.677 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

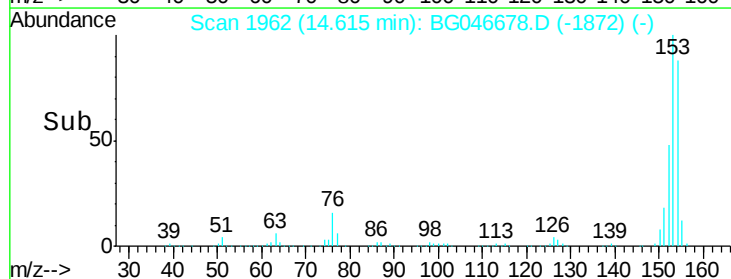
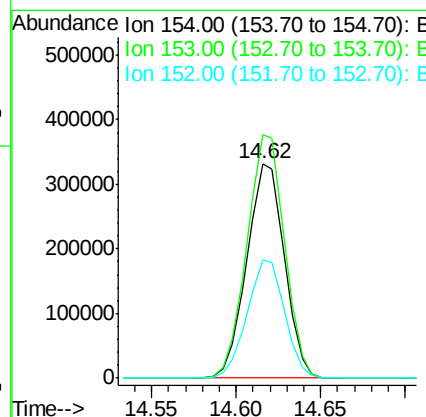
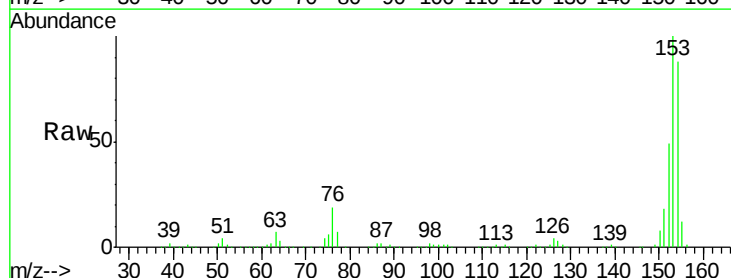
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

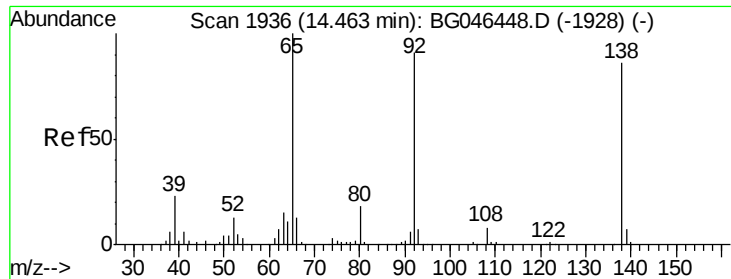
Tot Ion:165 Resp: 159562
 Ion Ratio Lower Upper
 165 100
 63 43.1 33.7 50.5
 89 45.5 36.6 54.8



#52
 Acenaphthene
 Concen: 42.334 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:154 Resp: 514644
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.3 135.5
 152 55.1 43.8 65.8

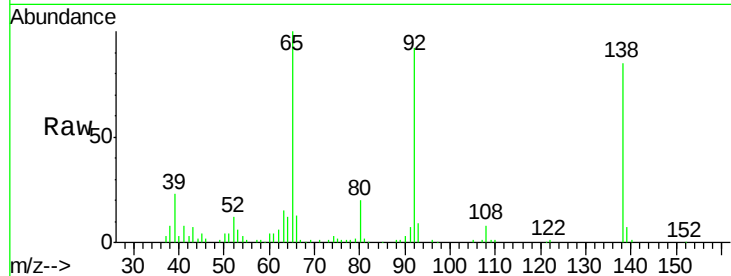




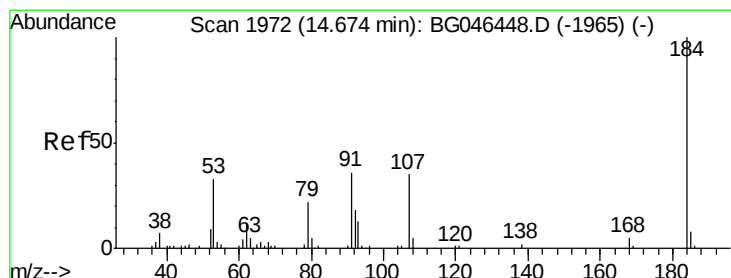
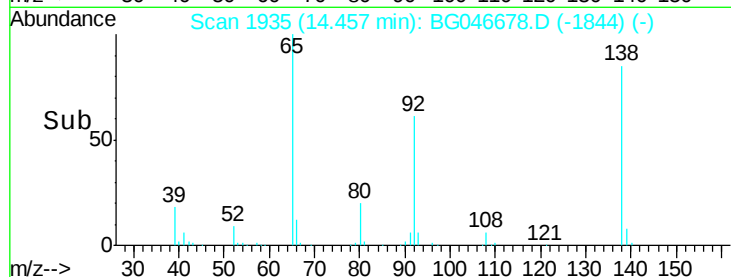
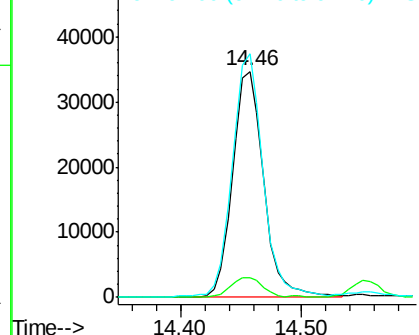
#53
3-Nitroaniline
Concen: 15.408 ng
RT: 14.46 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:138 Resp: 62401
Ion Ratio Lower Upper
138 100
108 8.8 7.4 11.0
92 107.6 85.2 127.8

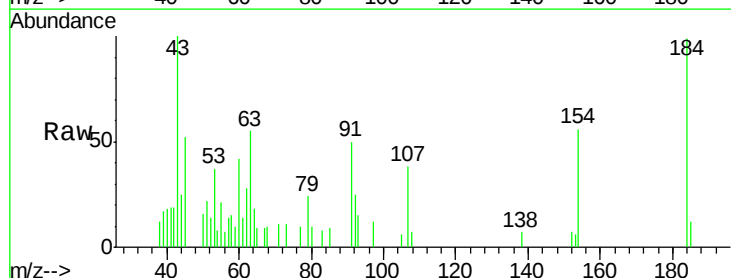


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

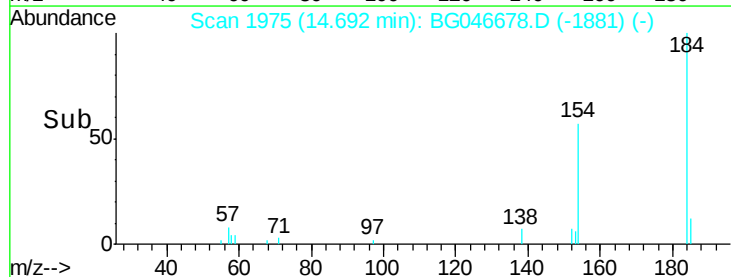
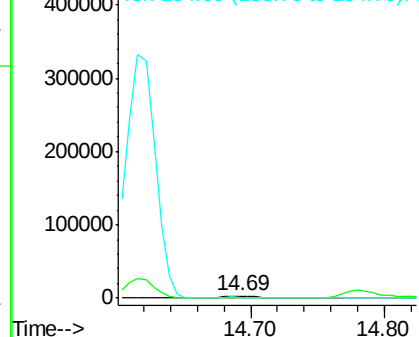


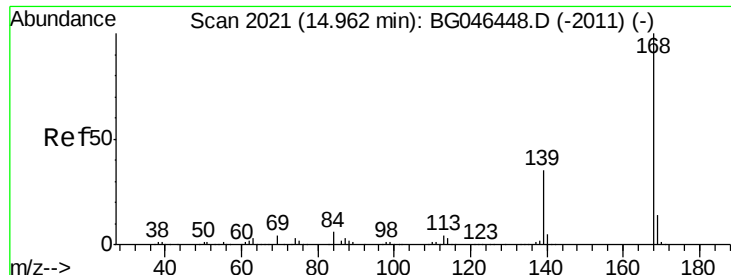
#54
2,4-Dinitrophenol
Concen: 3.106 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:184 Resp: 6779
Ion Ratio Lower Upper
184 100
63 55.9 32.3 48.5#
154 56.6 40.4 60.6



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





#55

Dibenzofuran

Concen: 42.335 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

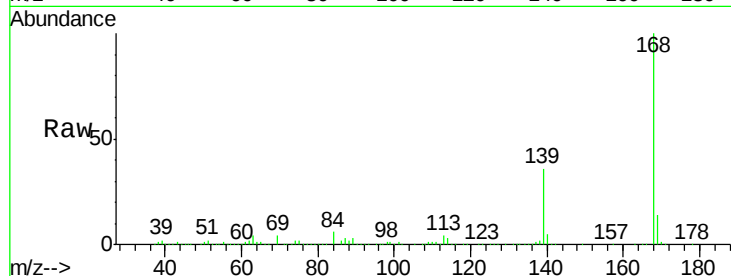
Tot Ion:168 Resp: 825941

Ion Ratio Lower Upper

168 100

139 36.4 28.6 43.0

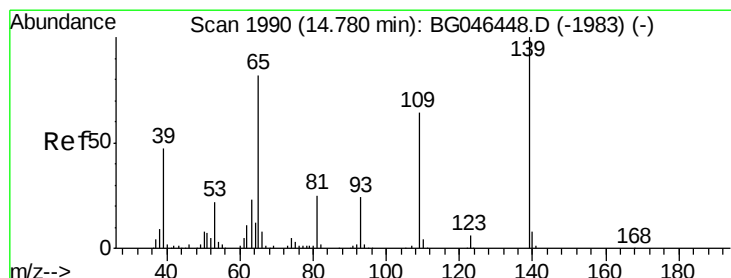
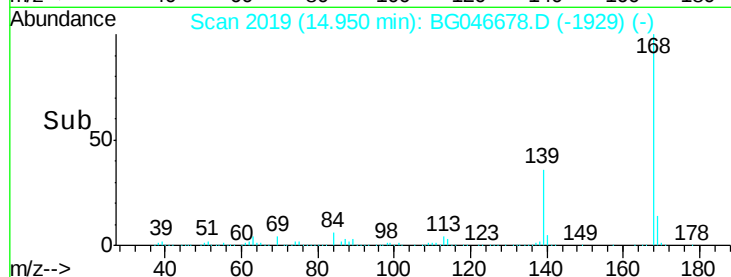
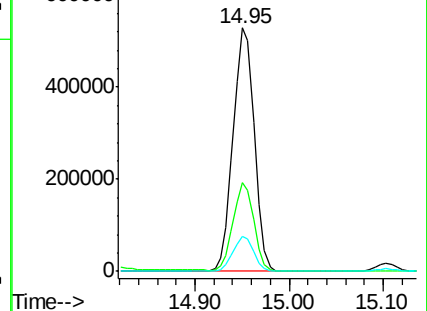
169 14.4 11.0 16.6



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: 34.944 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

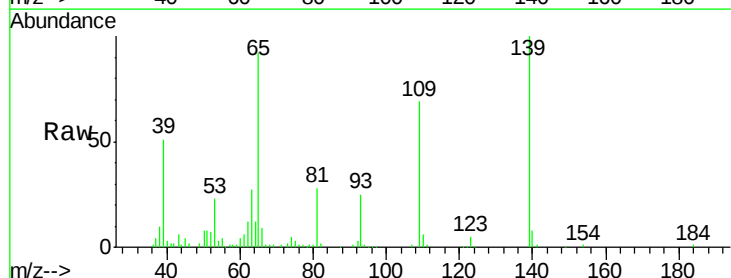
Tgt Ion:139 Resp: 104153

Ion Ratio Lower Upper

139 100

109 69.1 45.9 85.9

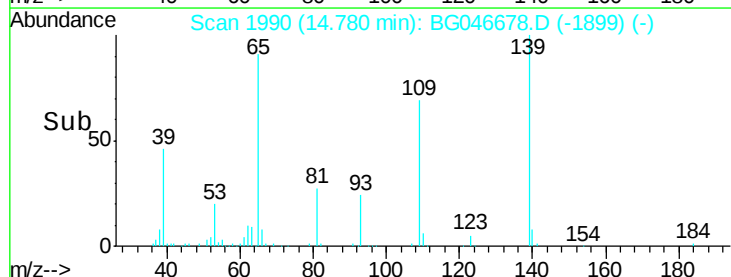
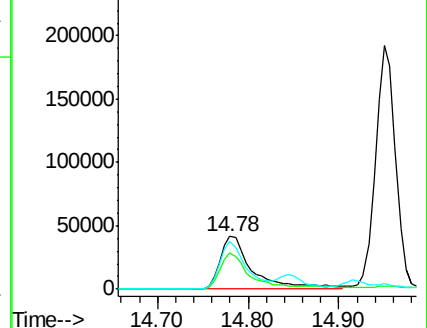
65 91.8 65.4 105.4

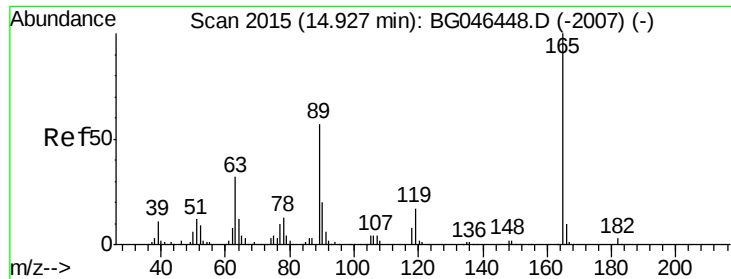


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

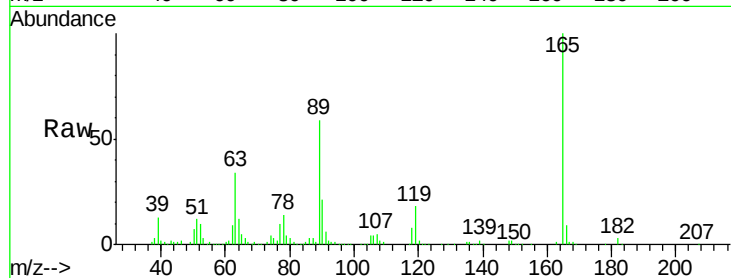




#57
 2,4-Dinitrotoluene
 Concen: 41.253 ng
 RT: 14.92 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

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

Tot Ion:165	Resp:	219926
Ion Ratio	Lower	Upper
165	100	
63	34.3	26.4 39.6
89	59.0	47.8 71.8
182	3.0	2.6 4.0

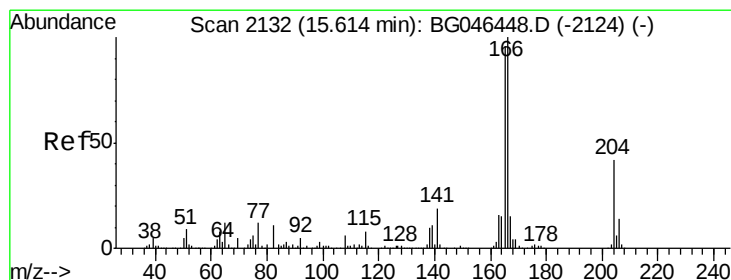
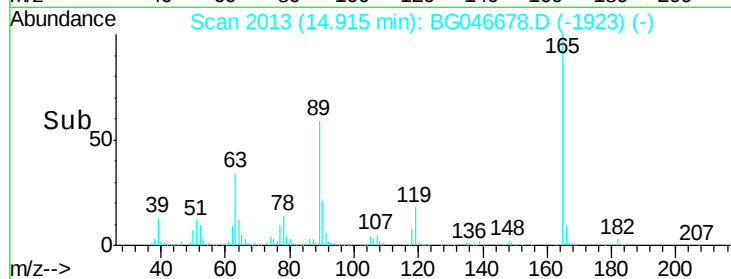
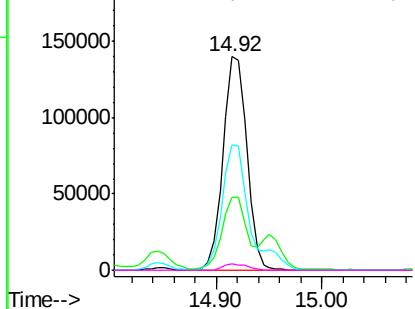


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

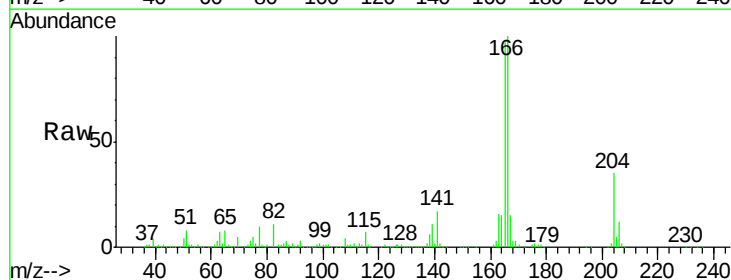
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.663 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

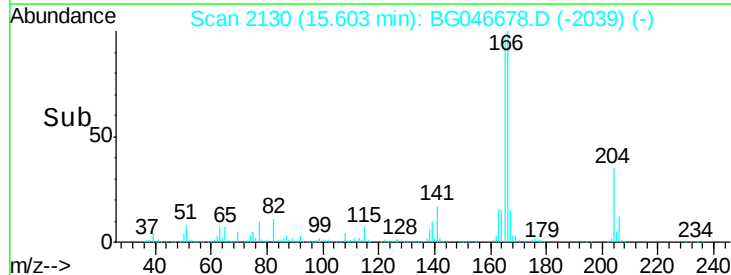
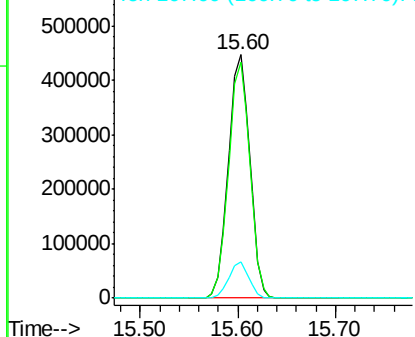
Tgt Ion:166	Resp:	682211
Ion Ratio	Lower	Upper
166	100	
165	97.0	77.2 115.8
167	14.8	11.4 17.2

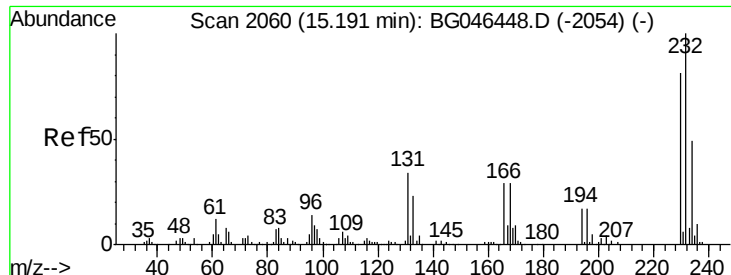


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

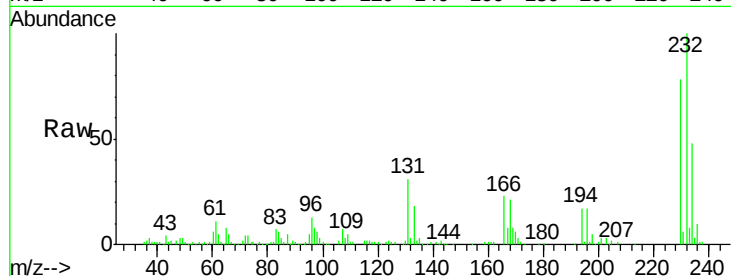




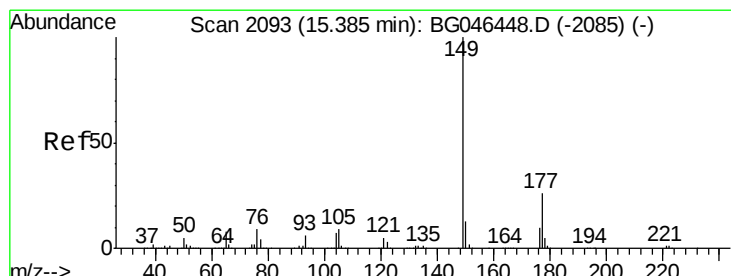
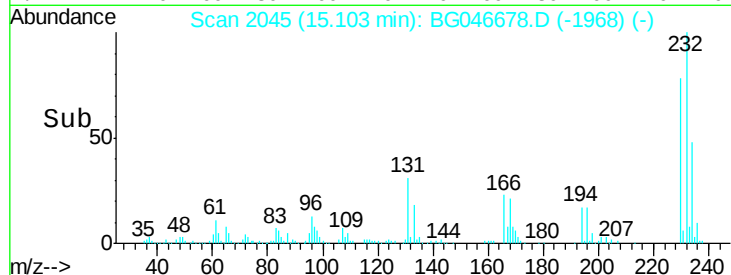
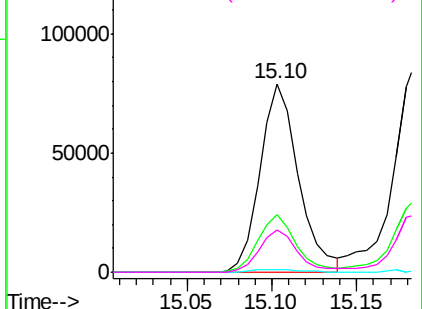
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.128 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.08 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:232 Resp: 125078
Ion Ratio Lower Upper
232 100
131 30.3 26.6 40.0
130 2.0 1.4 2.0
166 22.4 21.0 31.6

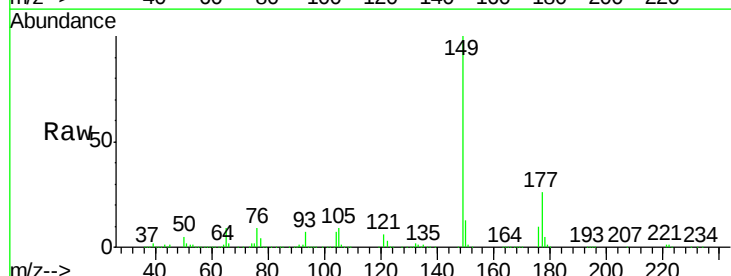


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

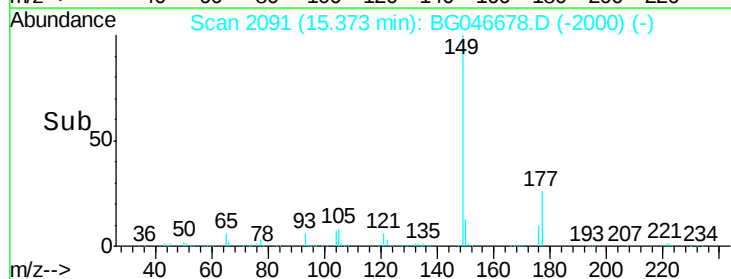
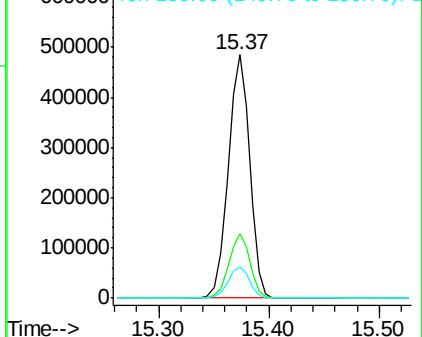


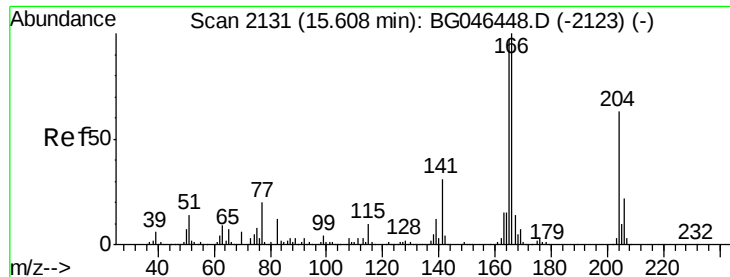
#60
Diethylphthalate
Concen: 39.842 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:149 Resp: 658873
Ion Ratio Lower Upper
149 100
177 26.5 21.4 32.2
150 12.8 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

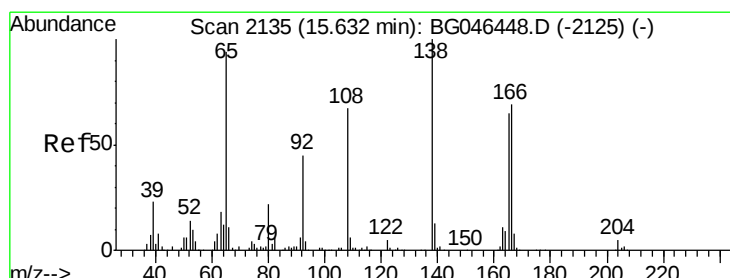
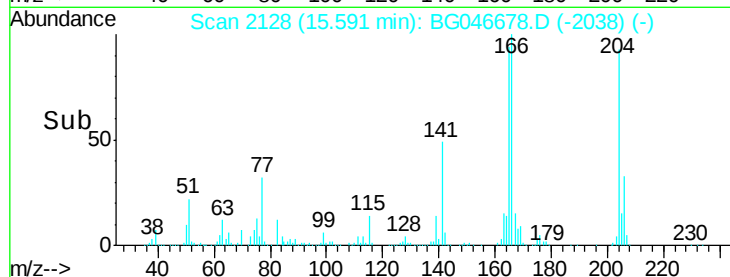
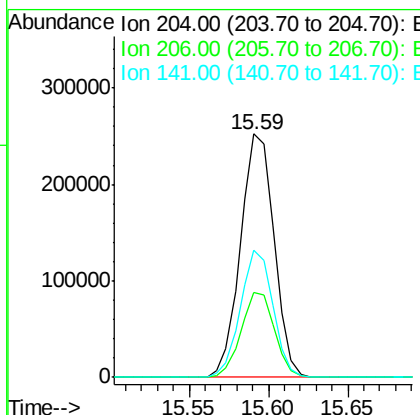
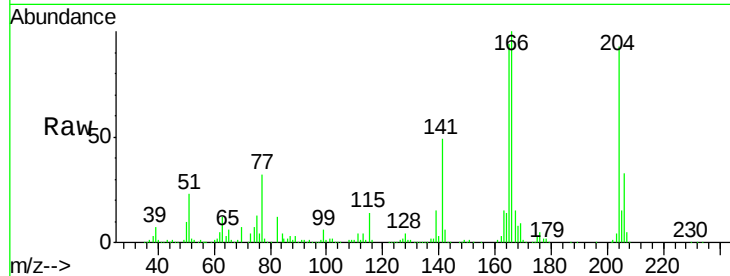




#61
4-Chlorophenyl-phenylether
Concen: 41.105 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

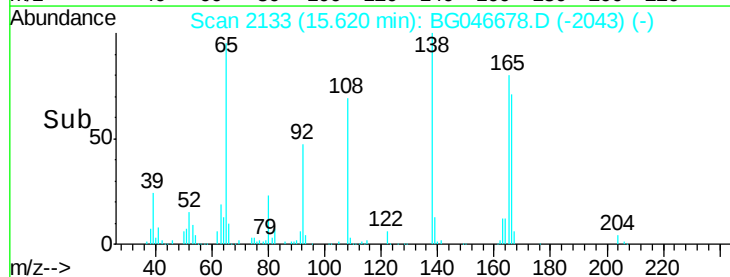
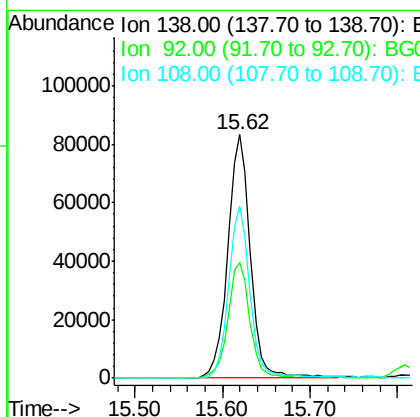
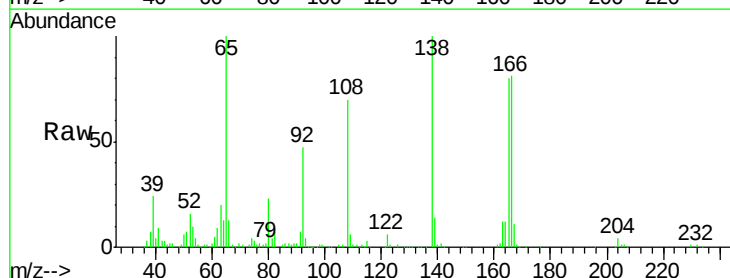
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

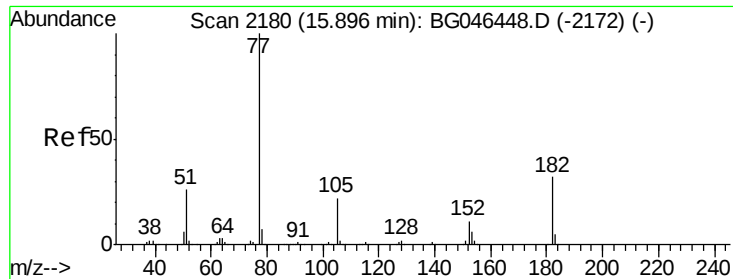
Tot Ion:204 Resp: 370685
Ion Ratio Lower Upper
204 100
206 35.0 27.8 41.8
141 52.4 41.5 62.3



#62
4-Nitroaniline
Concen: 34.579 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:138 Resp: 147766
Ion Ratio Lower Upper
138 100
92 47.3 26.9 66.9
108 70.4 49.4 89.4

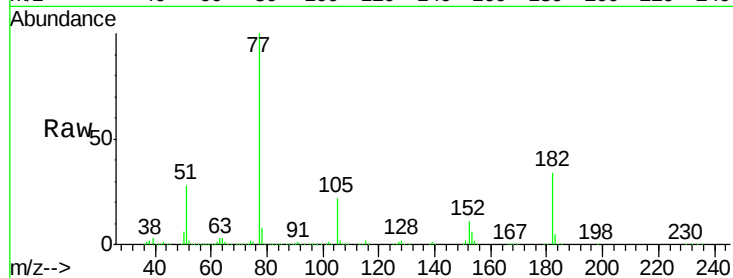




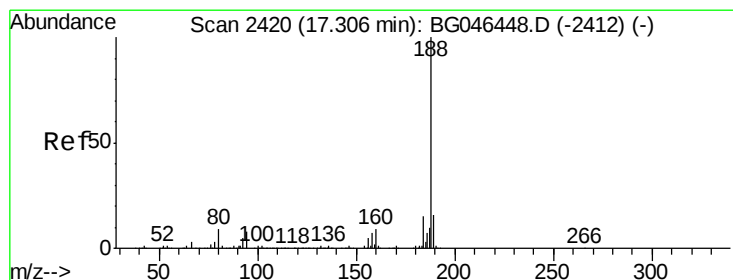
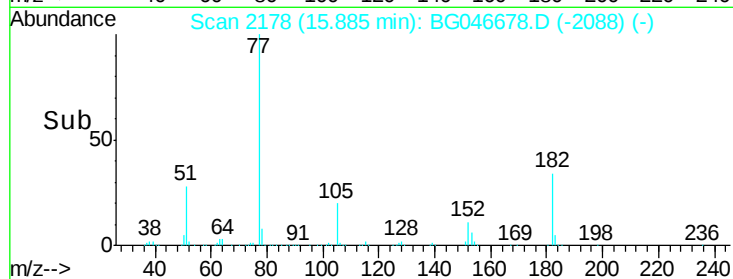
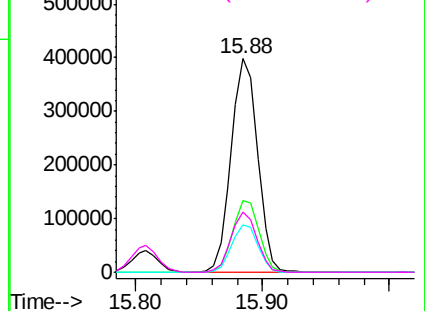
#63
Azobenzene
Concen: 42.366 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:	77	Resp:	569905
Ion	Ratio	Lower	Upper
77	100		
182	33.6	14.0	54.0
105	22.4	3.0	43.0
51	28.1	8.1	48.1

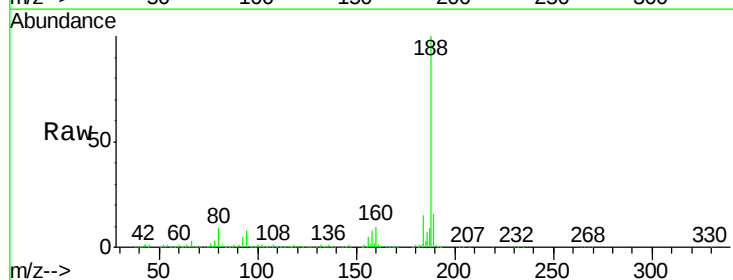


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

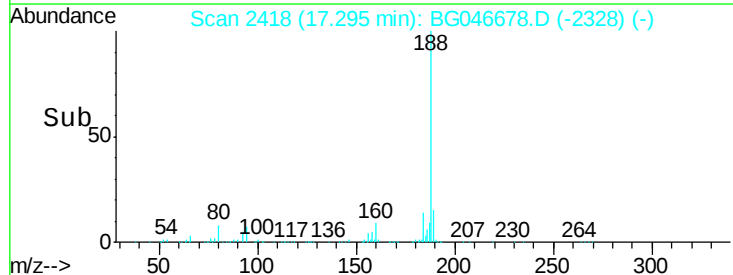
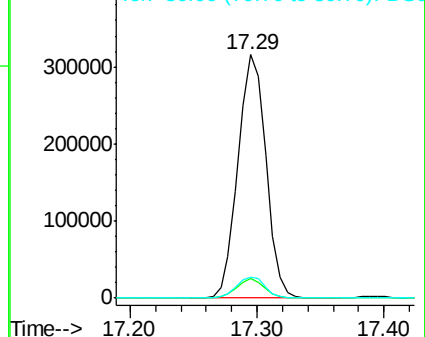


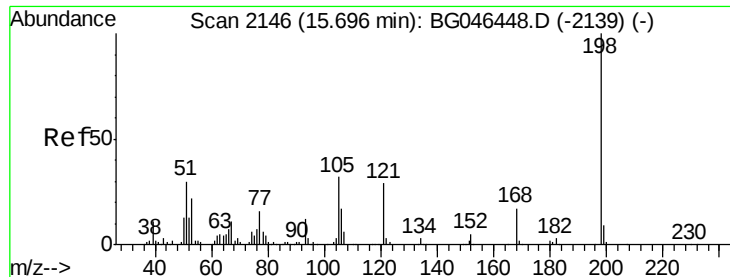
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:	188	Resp:	481847
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.3	9.5
80	8.6	7.0	10.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 9.308 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

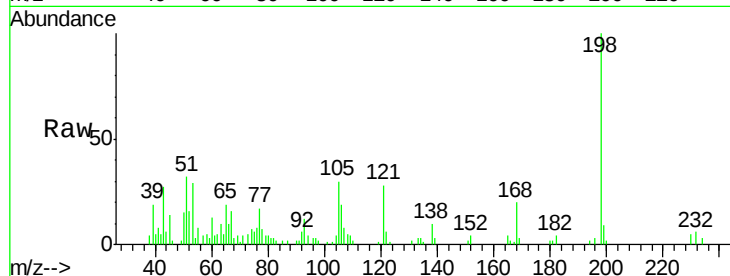
Tot Ion:198 Resp: 25385

Ion Ratio Lower Upper

198 100

51 31.7 10.4 50.4

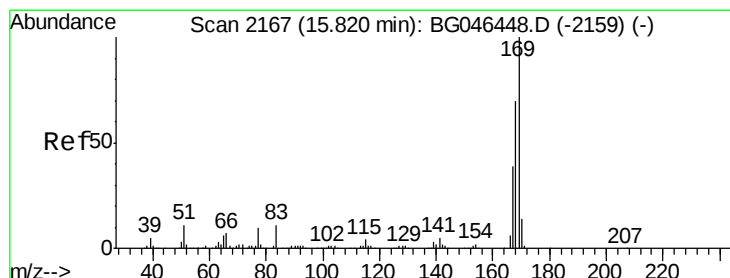
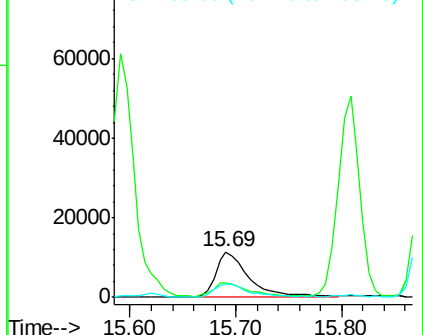
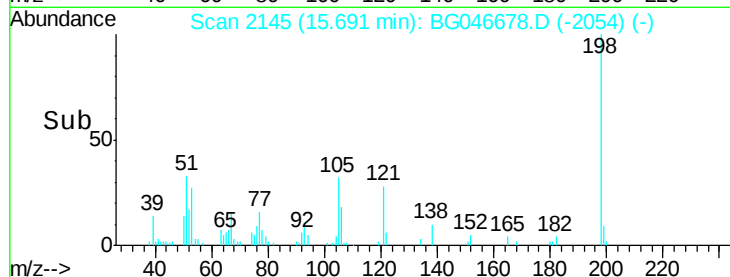
105 30.3 12.9 52.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046678.D (-2054) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.457 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

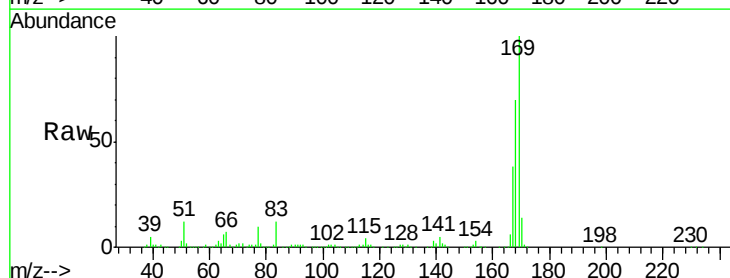
Tgt Ion:169 Resp: 603909

Ion Ratio Lower Upper

169 100

168 70.3 55.5 83.3

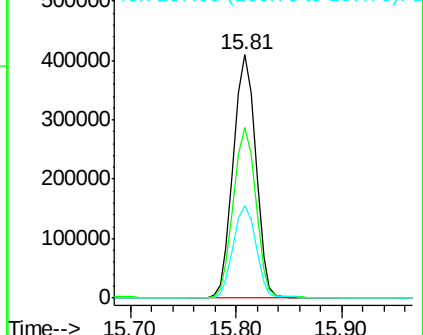
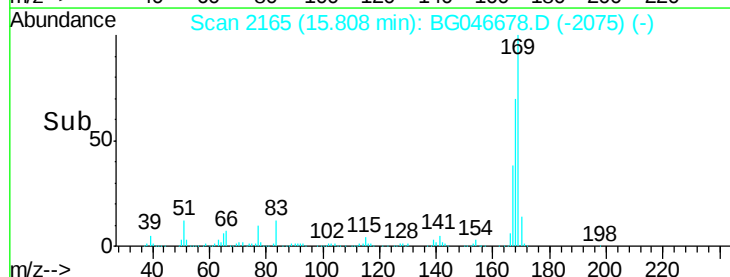
167 38.0 30.5 45.7

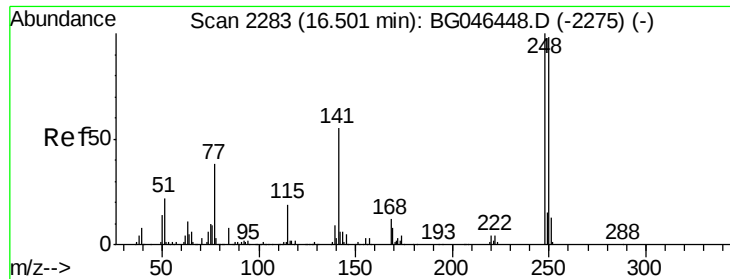


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

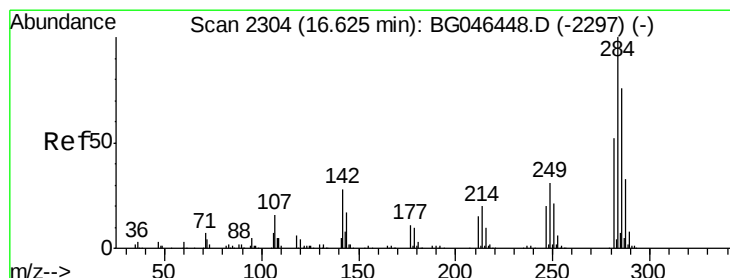
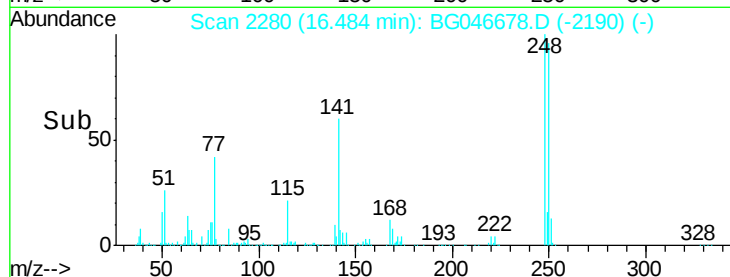
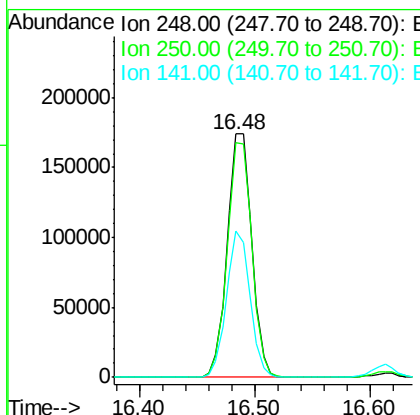
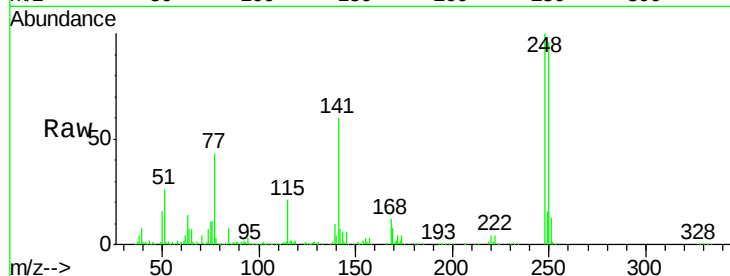




#67
4-Bromophenyl-phenylether
Concen: 45.446 ng
RT: 16.48 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

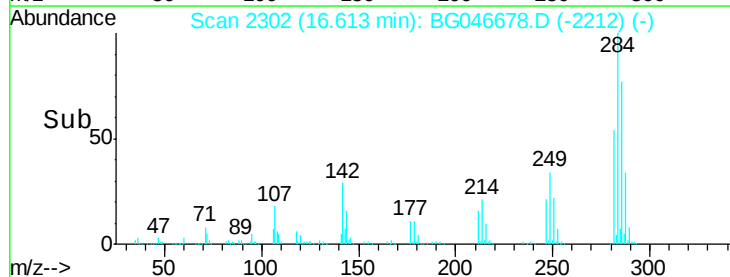
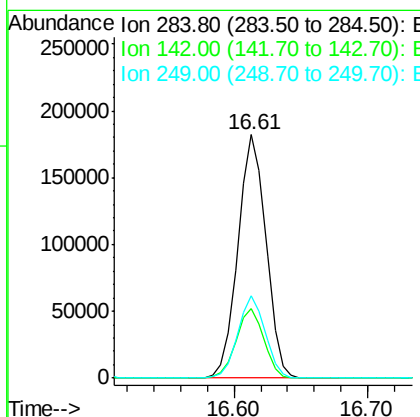
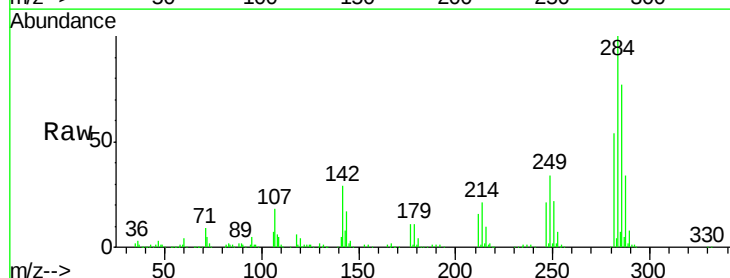
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

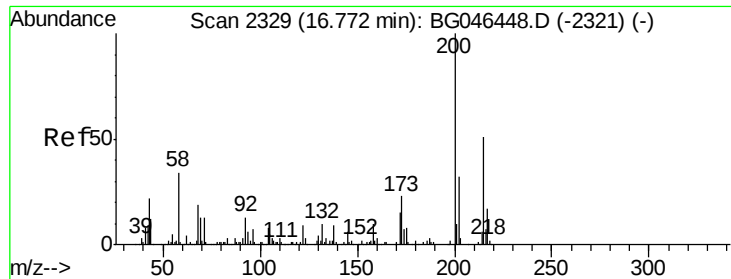
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.9	118.3
141	60.0	46.2	69.4



#68
Hexachlorobenzene
Concen: 42.356 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	21.1	31.7
249	33.7	25.9	38.9

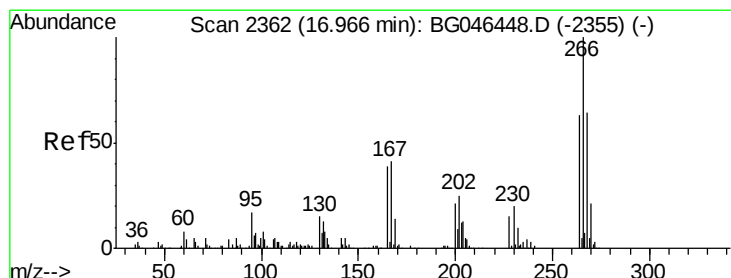
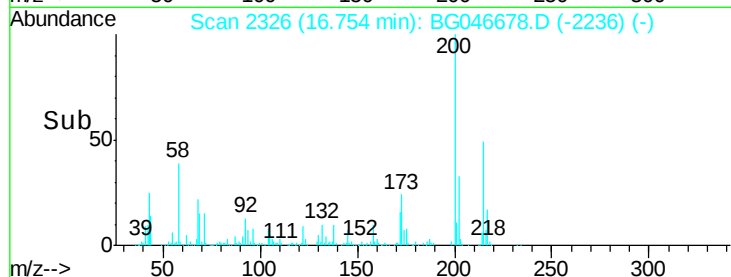
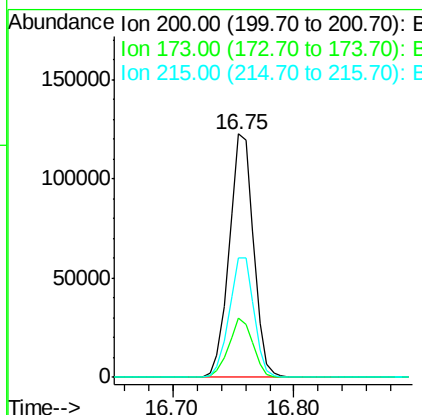
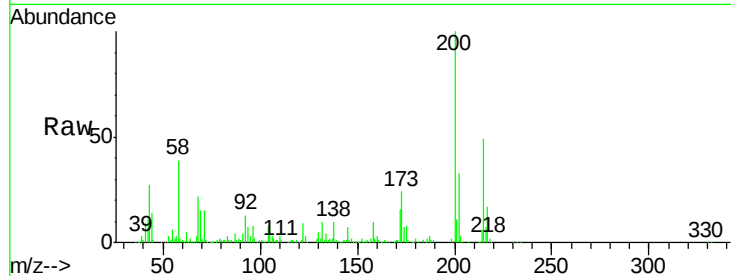




#69
Atrazine
Concen: 32.364 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

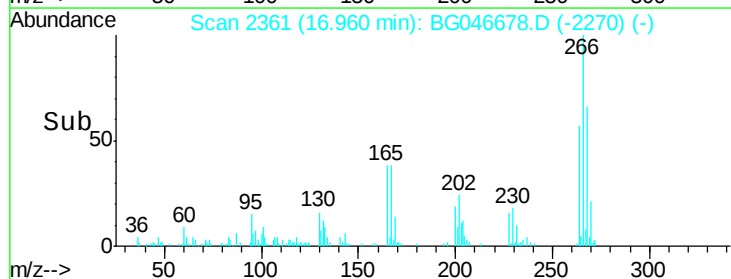
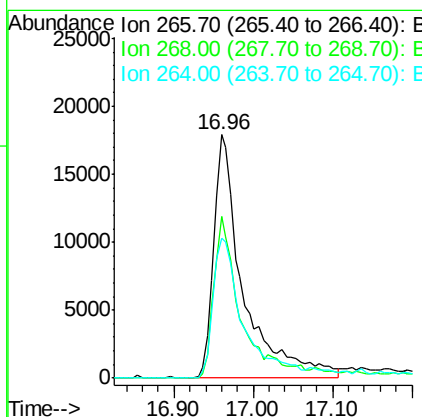
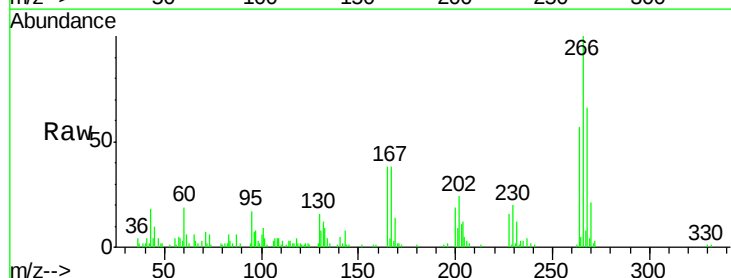
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

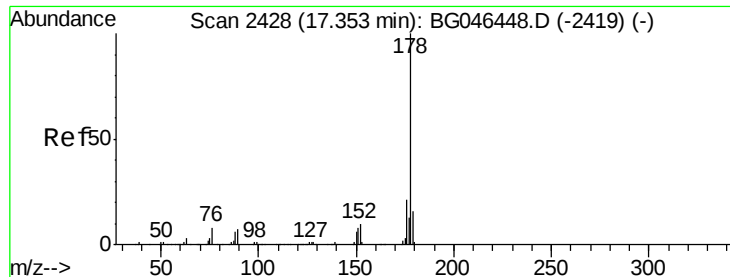
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.2	44.2
215	48.8	30.0	70.0



#70
Pentachlorophenol
Concen: 14.178 ng
RT: 16.96 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	49.8	74.6
264	57.3	49.3	73.9

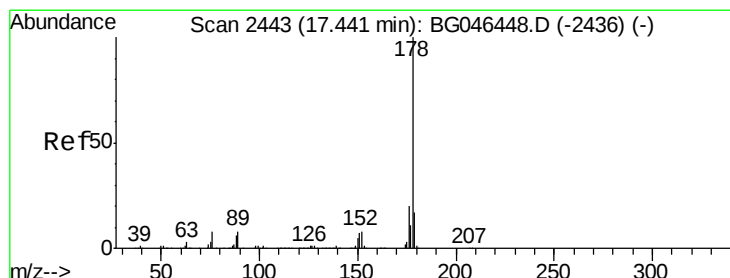
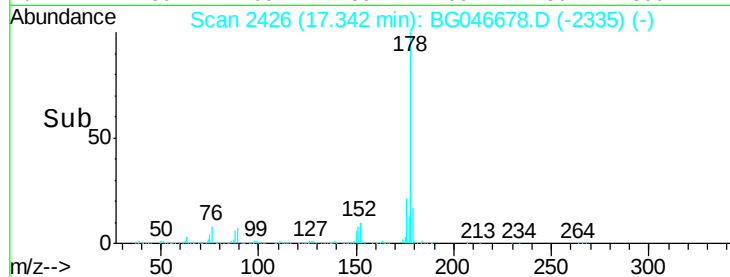
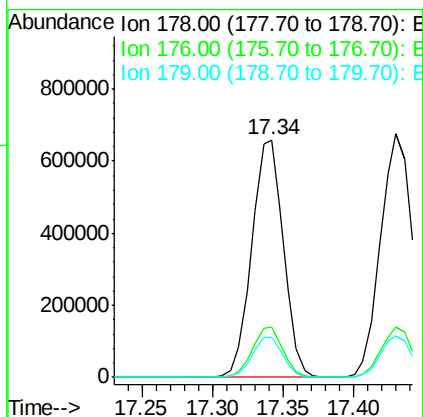
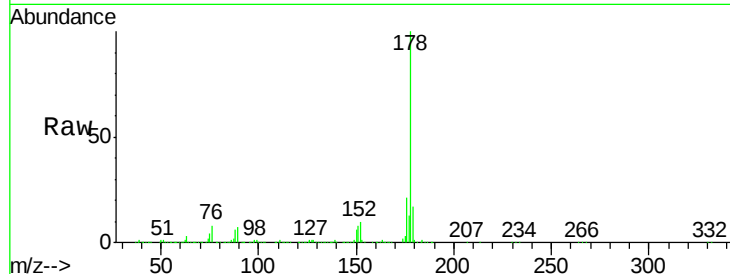




#71
Phenanthrene
Concen: 42.520 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

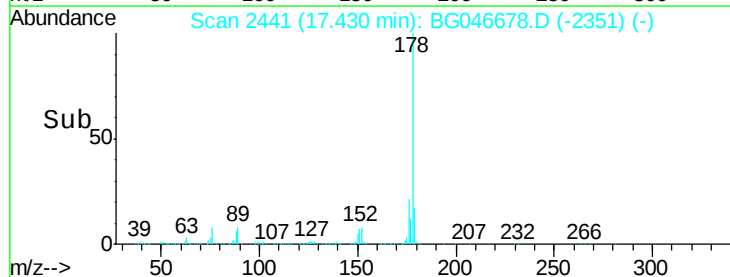
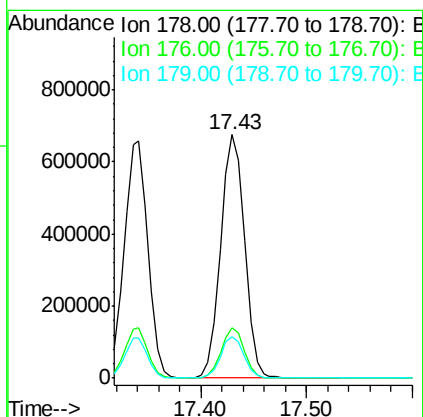
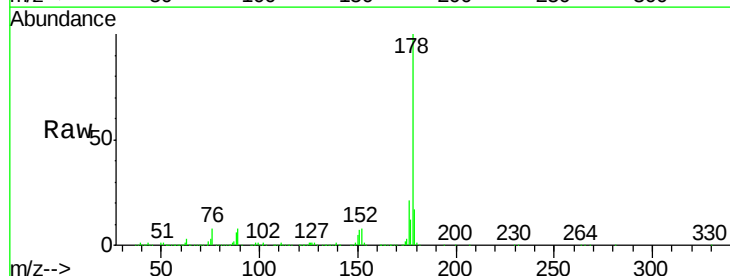
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

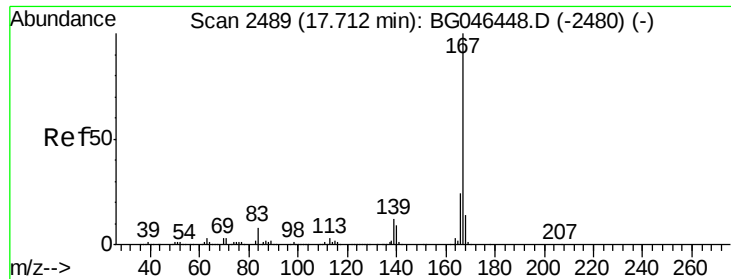
Tot Ion:178 Resp: 1038481
Ion Ratio Lower Upper
178 100
176 21.4 16.7 25.1
179 16.8 14.0 21.0



#72
Anthracene
Concen: 44.153 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:178 Resp: 1063958
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 17.2 13.8 20.6

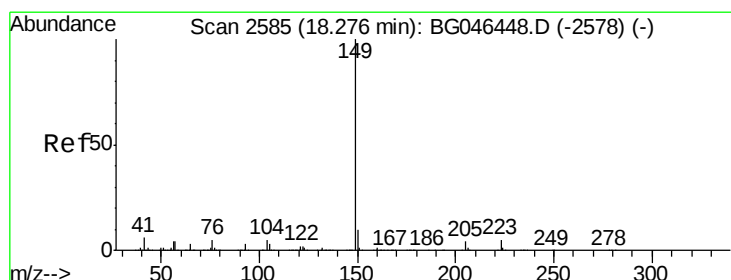
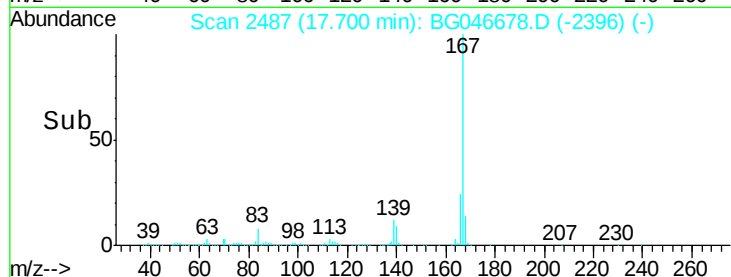
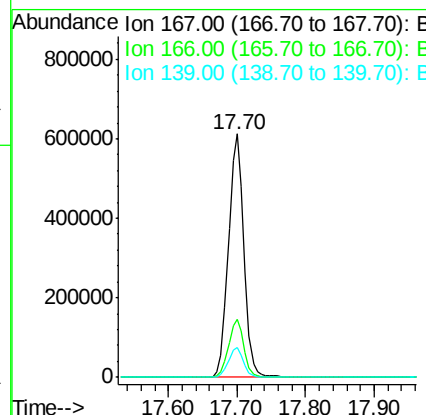
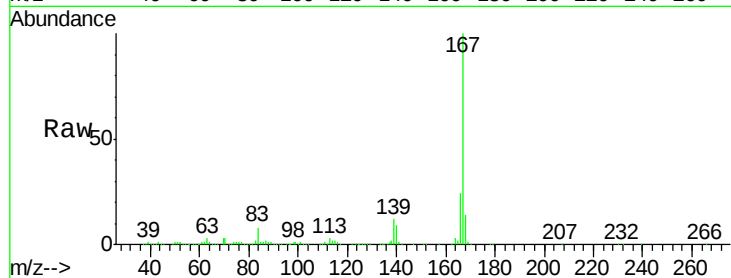




#73
 Carbazole
 Concen: 42.277 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

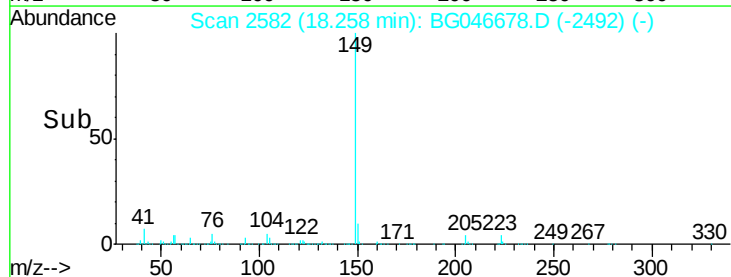
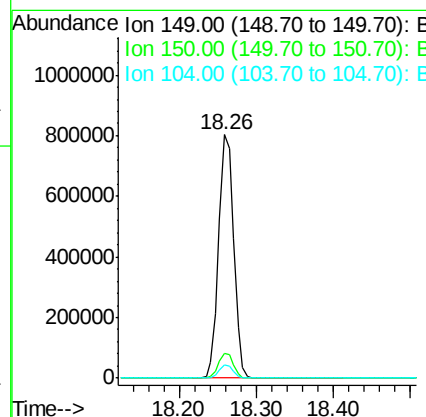
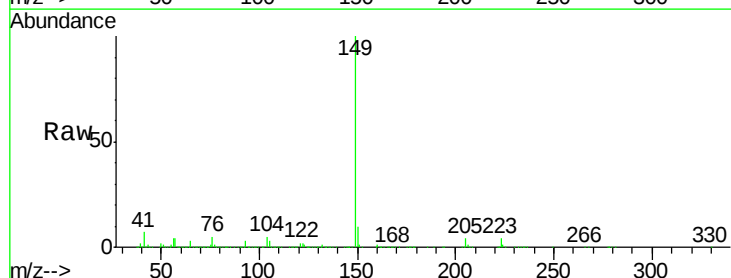
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion:167 Resp: 961855
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.7 28.1
 139 12.2 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 41.115 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:149 Resp: 1075631
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.2 12.4
 104 5.2 3.8 5.8





#75

Fluoranthene

Concen: 39.526 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

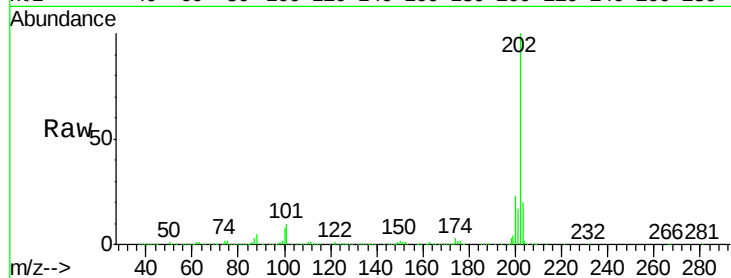
Tot Ion:202 Resp: 1242328

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.7

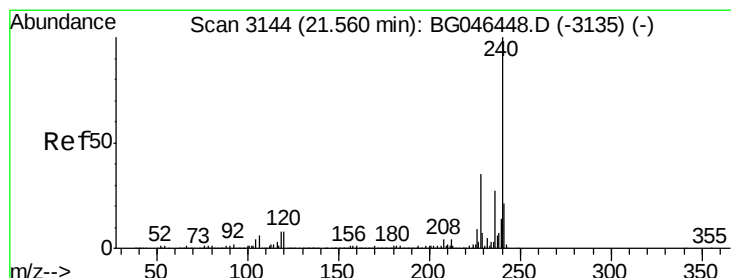
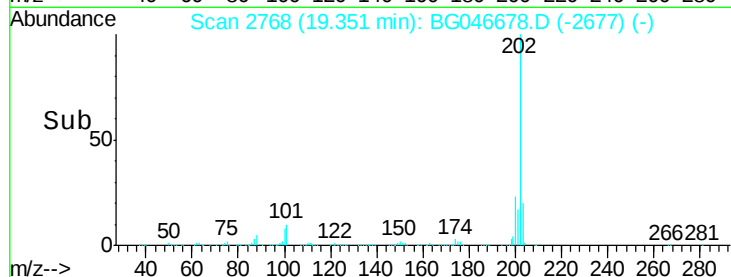
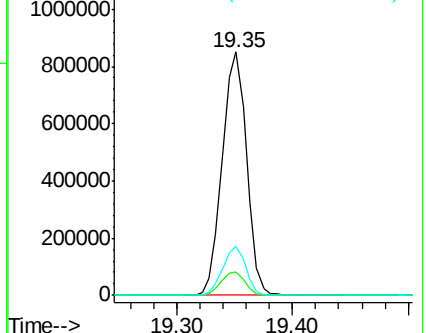
203 19.9 0.0 39.2



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: BG046678.D

Acq: 18 Sep 2020 20:47

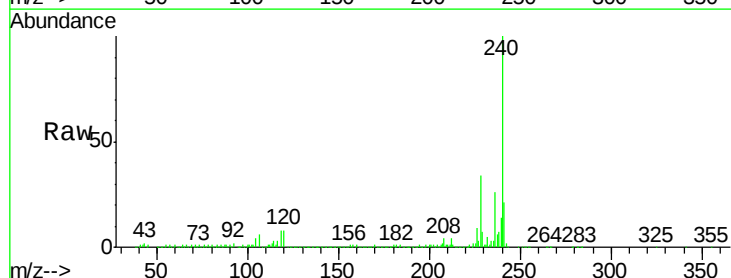
Tgt Ion:240 Resp: 450677

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

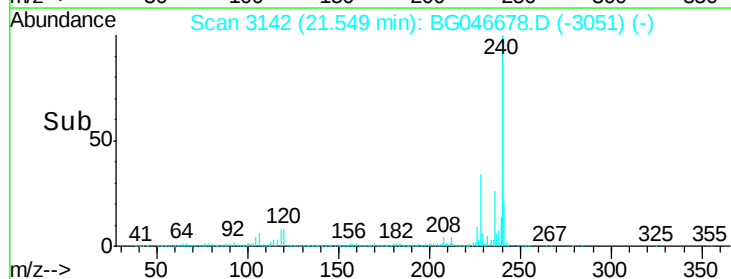
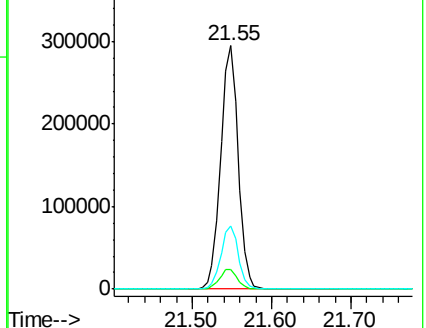
236 25.8 20.5 30.7

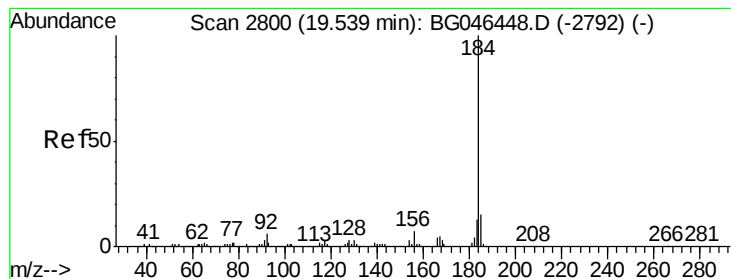


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.010 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

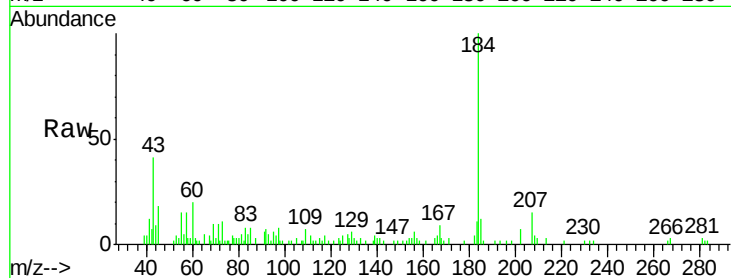
Tot Ion:184 Resp: 31527

Ion Ratio Lower Upper

184 100

185 12.1 12.4 18.6#

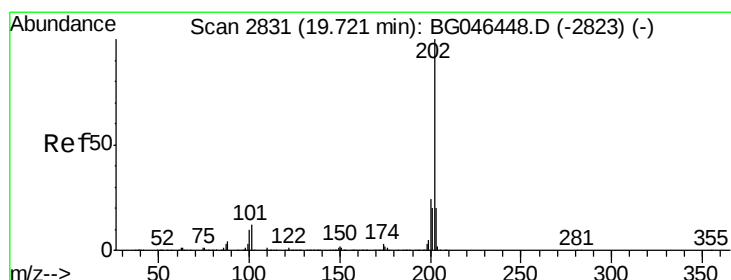
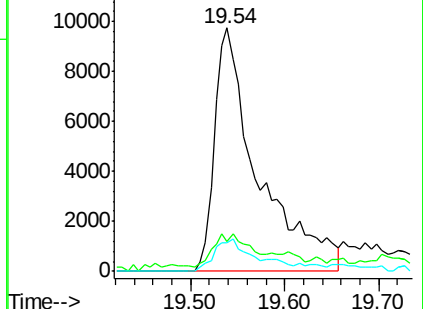
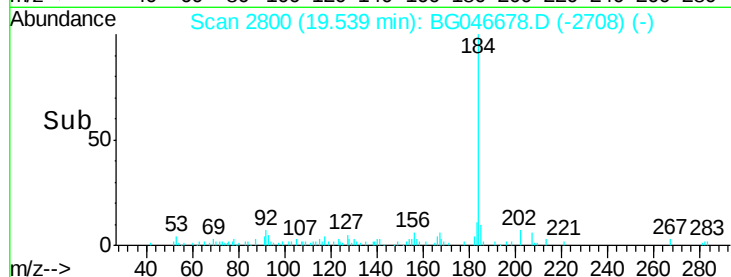
183 11.5 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.894 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

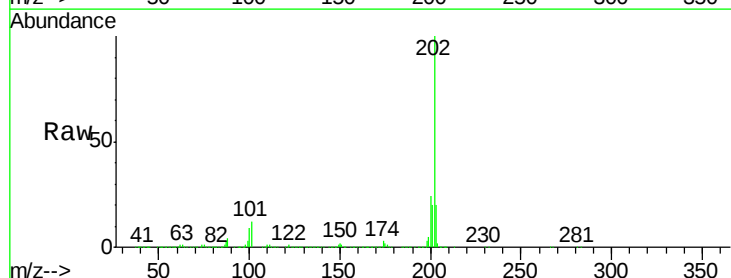
Tgt Ion:202 Resp: 1259706

Ion Ratio Lower Upper

202 100

200 23.6 18.6 27.8

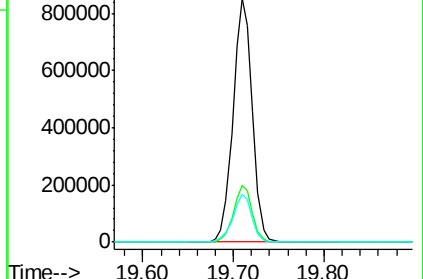
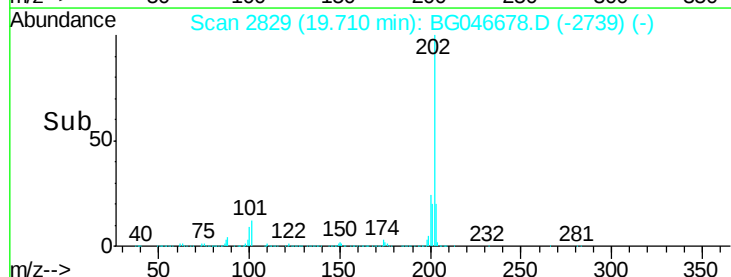
203 19.8 15.3 22.9

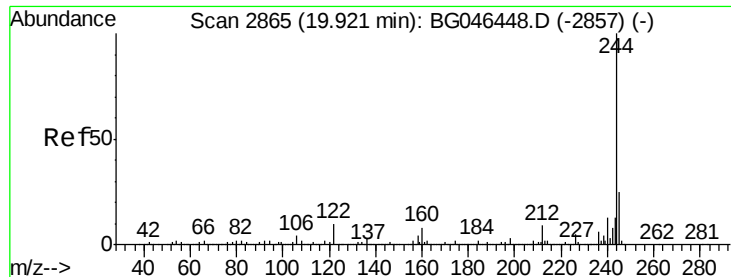


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.214 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

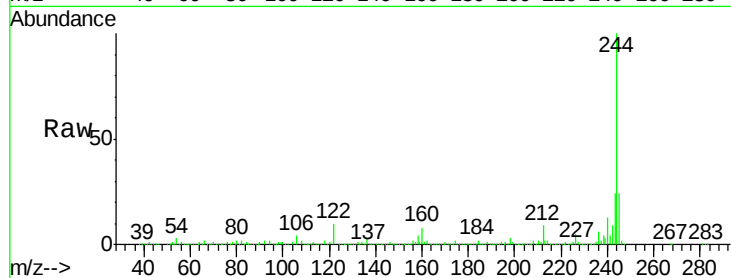
BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:244 Resp: 1656301

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	10.0	7.8	11.6

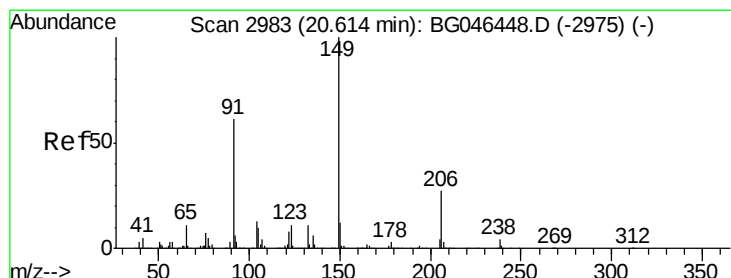
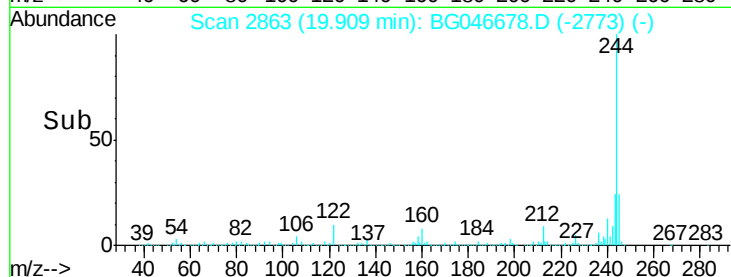
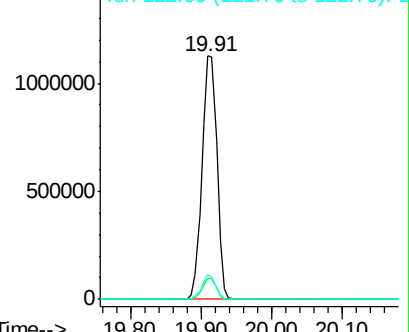


Abundance

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: 42.900 ng

RT: 20.60 min Scan# 2981

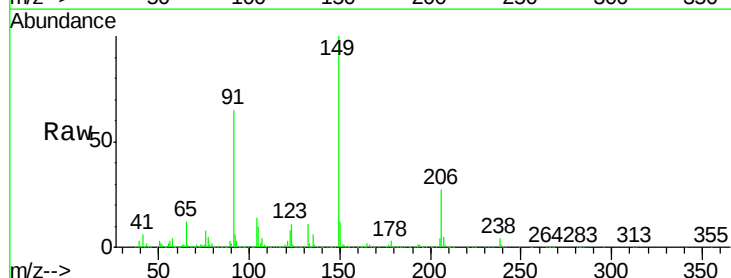
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:149 Resp: 480232

Ion	Ratio	Lower	Upper
149	100		
91	64.7	51.5	77.3
206	27.4	21.2	31.8

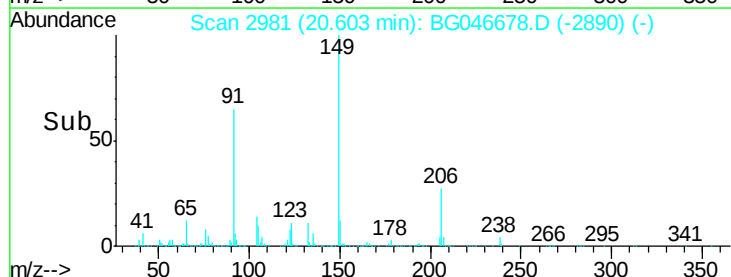
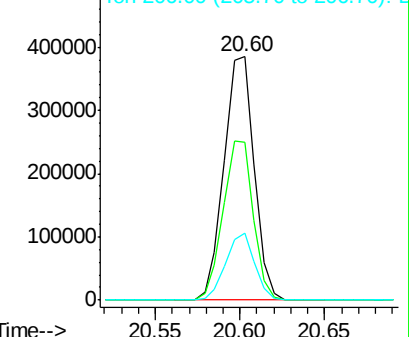


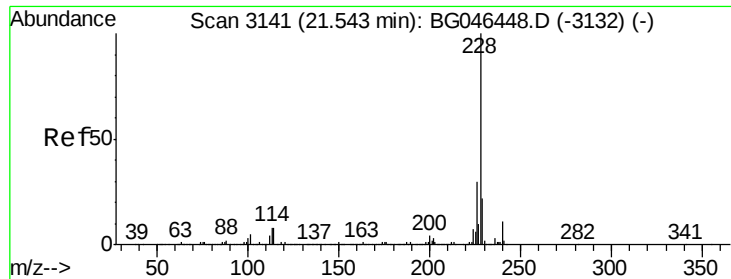
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.987 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

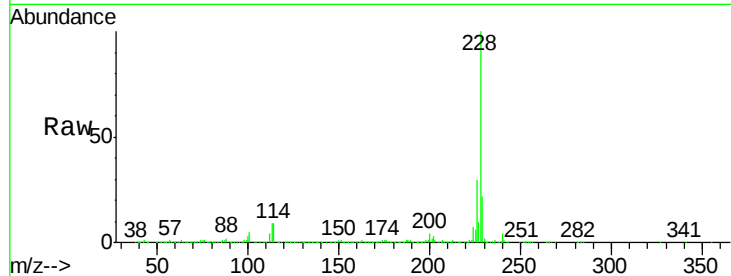
Tot Ion:228 Resp: 1207519

Ion Ratio Lower Upper

228 100

226 29.9 23.3 34.9

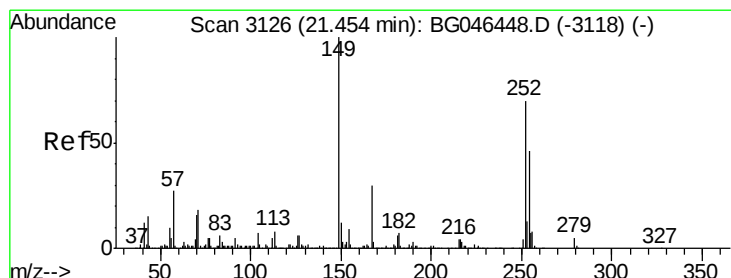
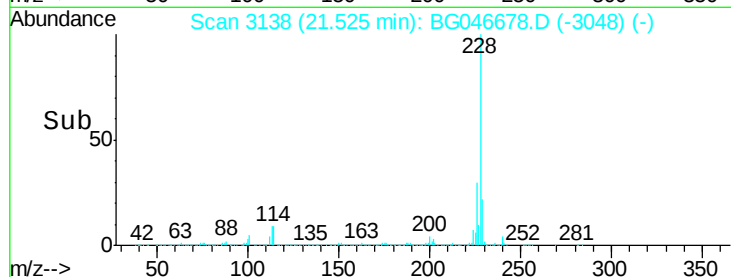
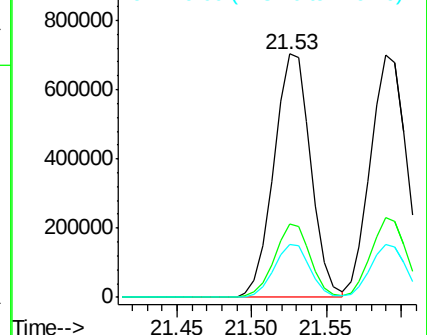
229 21.9 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.890 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

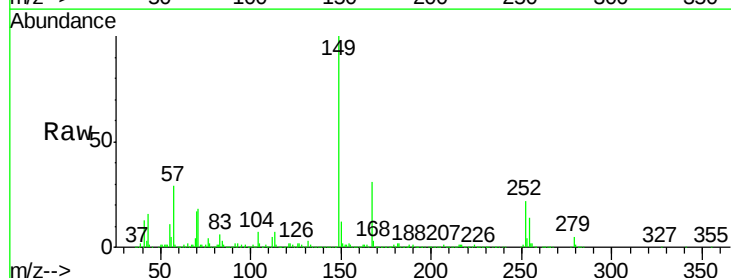
Tgt Ion:252 Resp: 176076

Ion Ratio Lower Upper

252 100

254 64.8 53.2 79.8

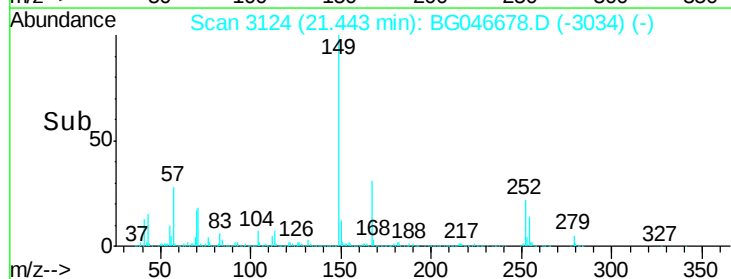
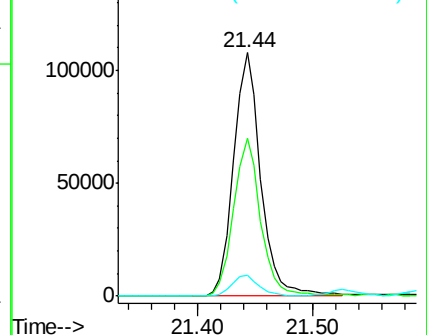
126 8.5 6.8 10.2

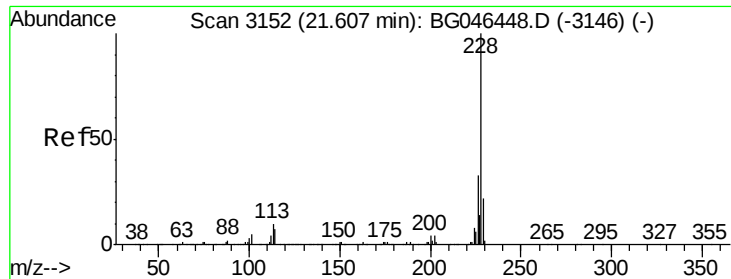


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

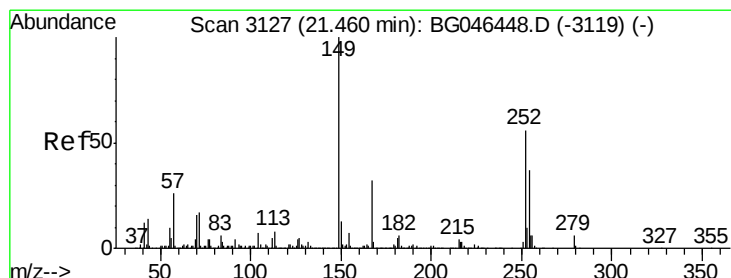
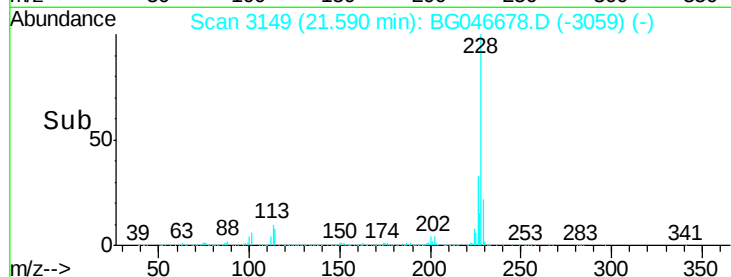
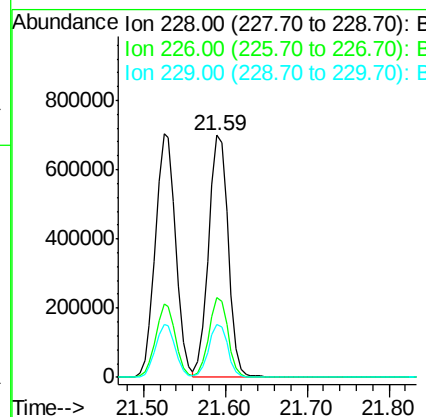
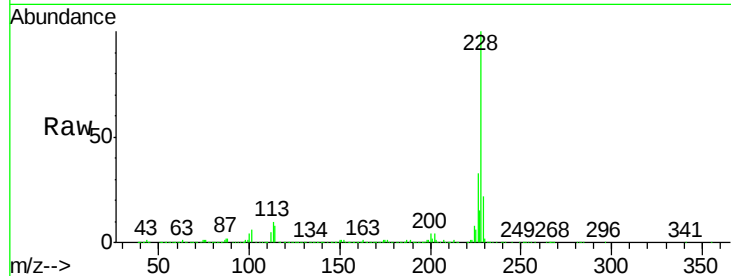




#83
 Chrysene
 Concen: 43.161 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

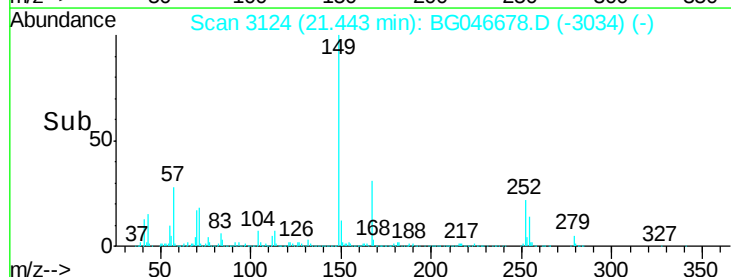
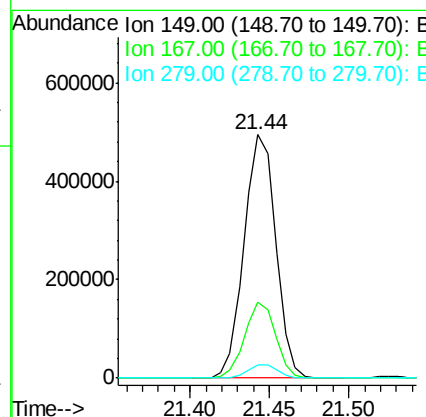
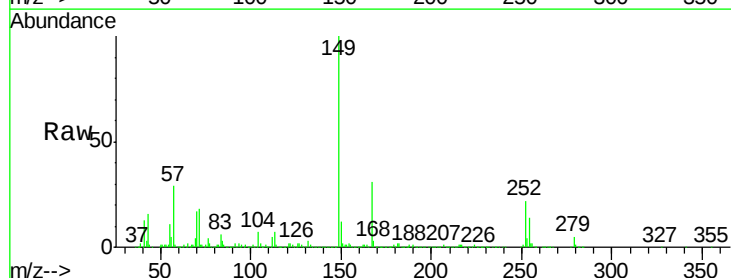
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

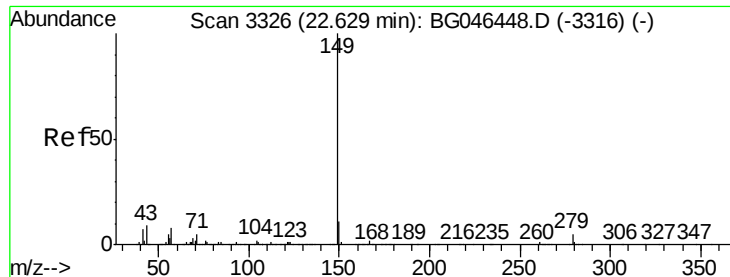
Tot Ion:228 Resp: 1166243
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.4
 229 22.0 17.3 25.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.760 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:149 Resp: 683774
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.8 37.2
 279 5.4 4.6 7.0

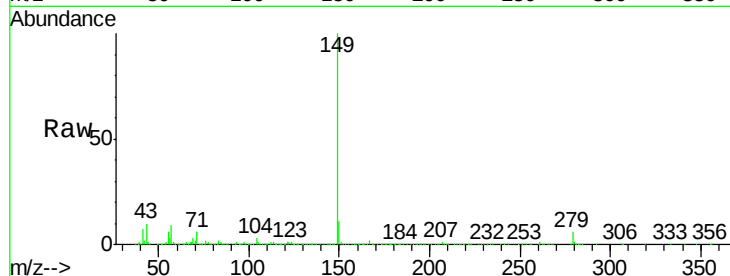




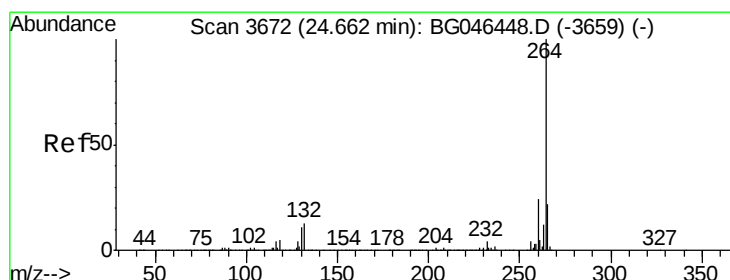
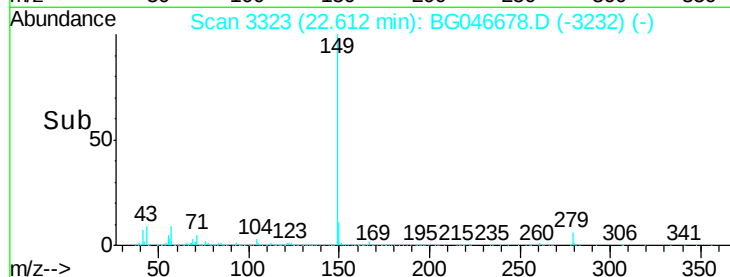
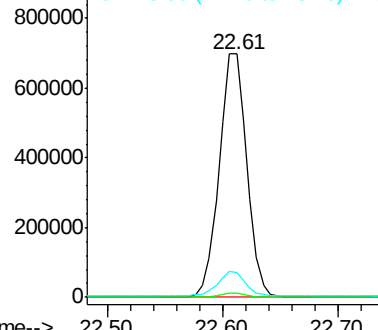
#85
Di-n-octyl phthalate
Concen: 44.264 ng
RT: 22.61 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:149 Resp: 1157820
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 9.4 6.8 10.2

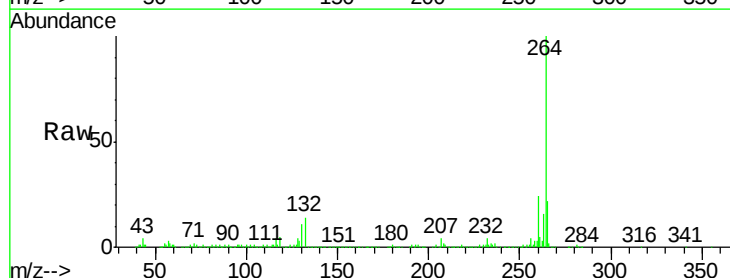


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

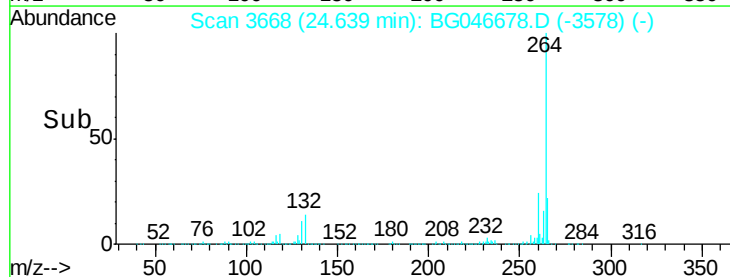
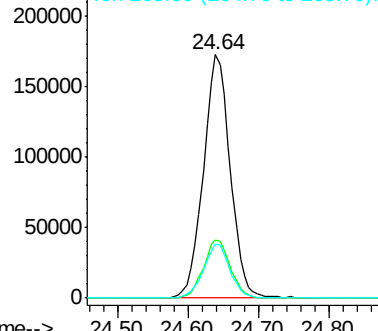


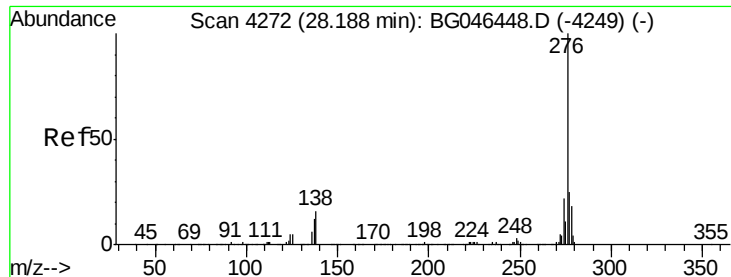
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:264 Resp: 455319
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.4 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

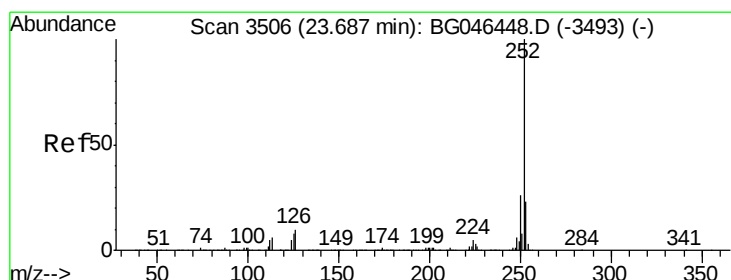
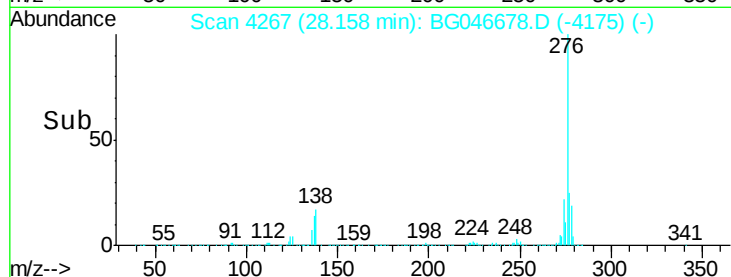
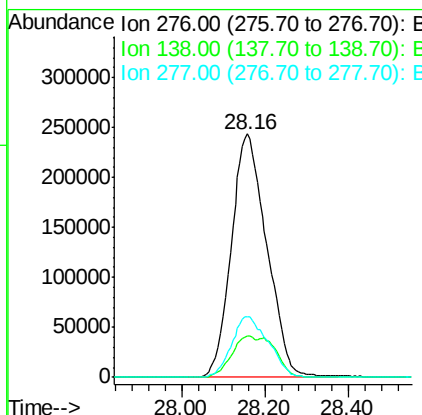
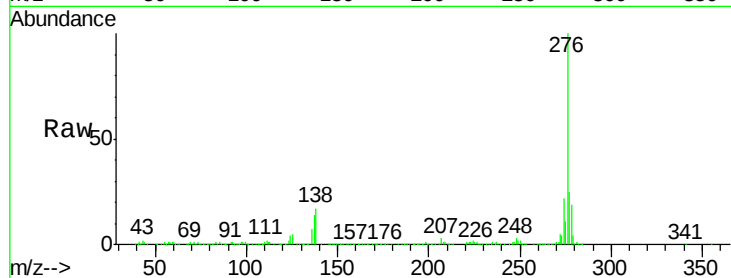




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.977 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. 0.01 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

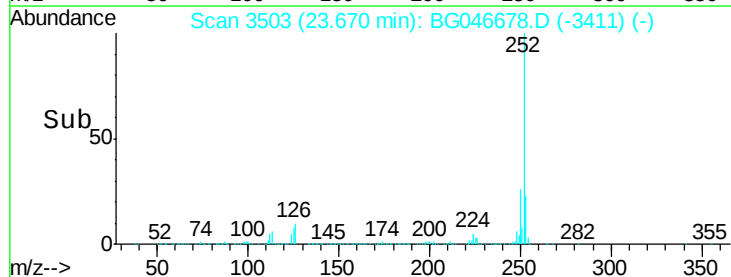
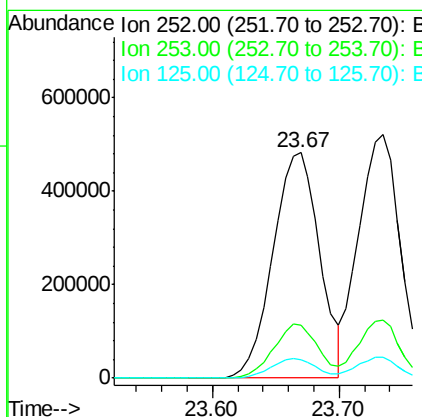
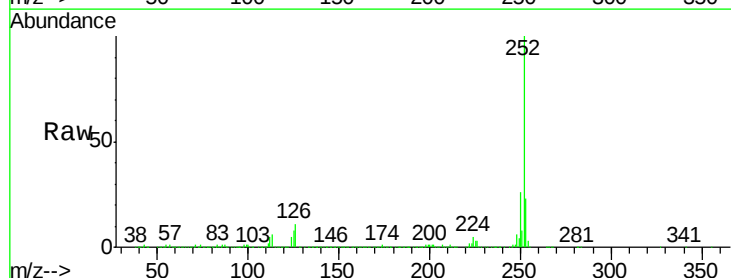
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion:276 Resp: 1438135
 Ion Ratio Lower Upper
 276 100
 138 12.0 16.2 24.2#
 277 26.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 43.491 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. 0.01 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion:252 Resp: 1236473
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.7 28.1
 125 8.1 6.5 9.7

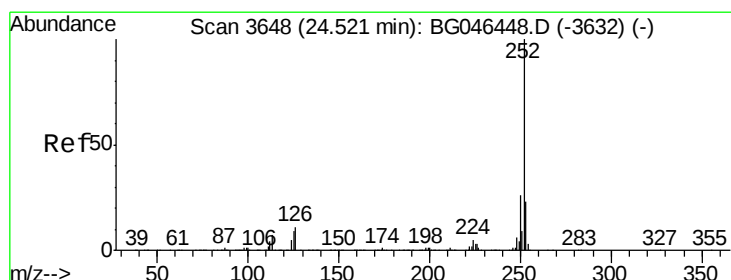
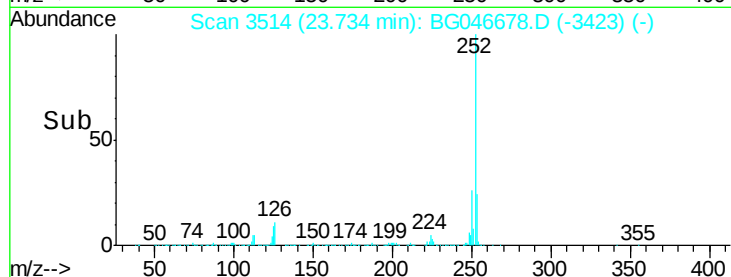
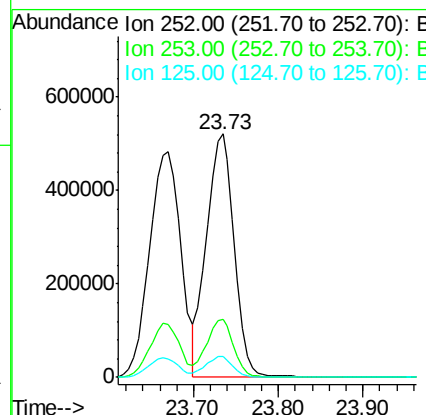
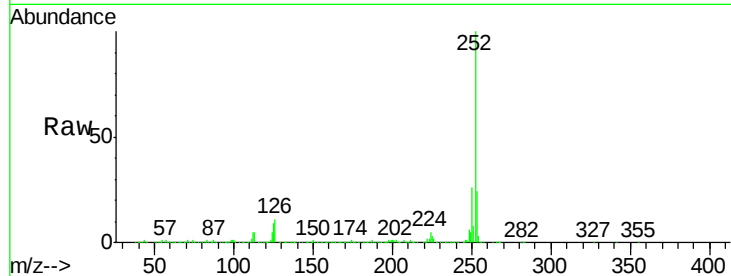




#89
Benzo(k)fluoranthene
Concen: 43.230 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

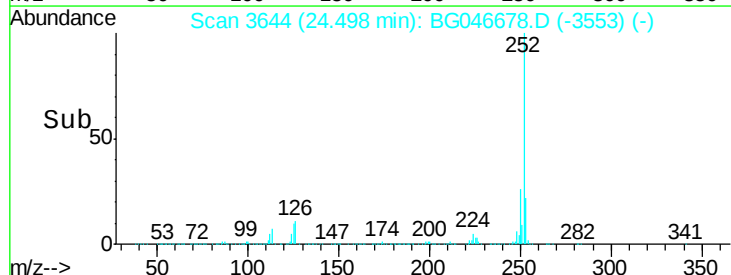
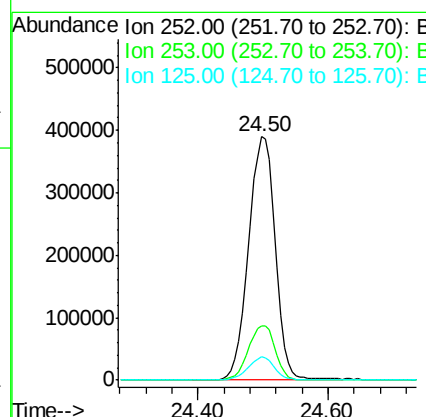
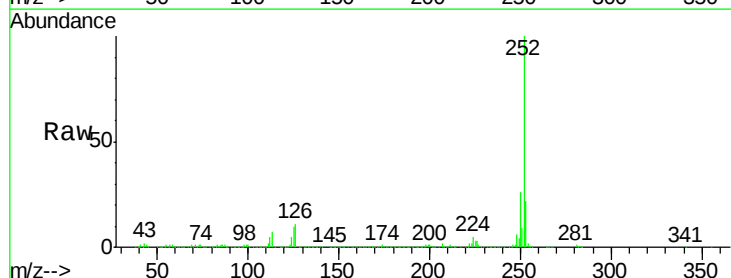
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

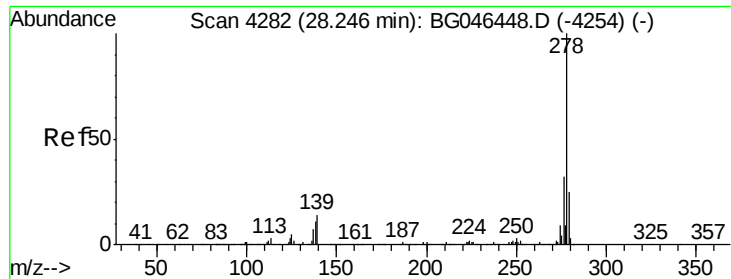
Tot Ion:252 Resp: 1187833
Ion Ratio Lower Upper
252 100
253 23.7 18.6 27.8
125 8.6 6.8 10.2



#90
Benzo(a)pyrene
Concen: 41.676 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:252 Resp: 1105739
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.6 7.0 10.4



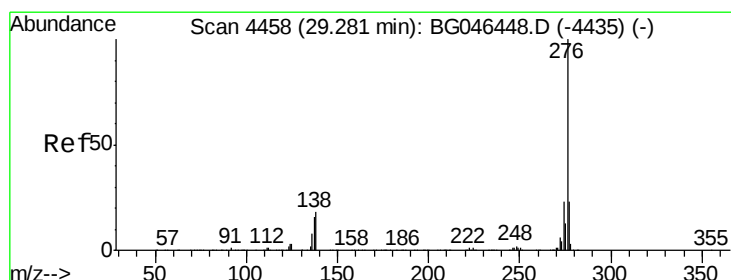
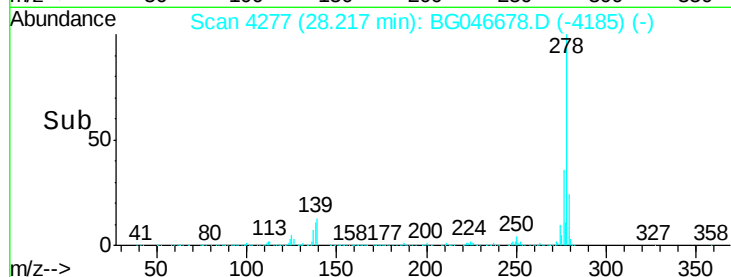
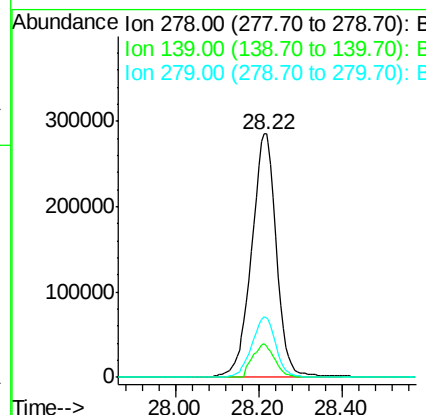
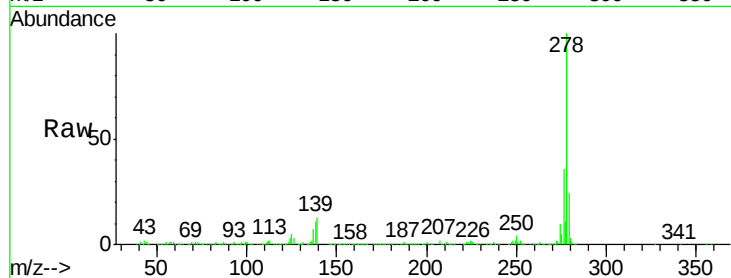


#91
Dibenzo(a,h)anthracene
Concen: 45.057 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

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

Tot Ion:278 Resp: 1189029

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.5	15.7
279	24.3	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 46.157 ng
RT: 29.26 min Scan# 4454
Delta R.T. 0.02 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:276 Resp: 1216329

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.4	13.4	20.2

