

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
 Data File : BG046023.D
 Acq On : 13 Jul 2020 15:15
 Operator : CG/JU
 Sample : PB130129BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Quant Time: Jul 13 15:52:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	149564	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	598262	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	363287	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	764950	20.00	ng	0.00
76) Chrysene-d12	21.63	240	648258	20.00	ng	0.00
86) Perylene-d12	24.78	264	672641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	841830	91.28	ng	0.00
7) Phenol-d6	7.18	99	1138753	85.76	ng	0.01
23) Nitrobenzene-d5	9.16	82	1017734	97.91	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	299808	88.92	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1855297	79.66	ng	0.00
79) Terphenyl-d14	19.98	244	2408027	82.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	144594	33.982	ng	95
3) Pyridine	3.89	79	479299	37.253	ng	99
4) n-Nitrosodimethylamine	3.80	42	203724	46.827	ng	# 95
6) Aniline	7.32	93	603345	35.519	ng	99
8) 2-Chlorophenol	7.57	128	471245	47.465	ng	98
9) Benzaldehyde	7.14	77	162695	19.339	ng	99
10) Phenol	7.20	94	638495	47.936	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	457585	41.545	ng	98
12) 1,3-Dichlorobenzene	7.90	146	469140	40.996	ng	99
13) 1,4-Dichlorobenzene	8.04	146	468132	41.584	ng	99
14) 1,2-Dichlorobenzene	8.36	146	441067	40.709	ng	98
15) Benzyl Alcohol	8.24	79	455404	43.741	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	598049	41.616	ng	98
17) 2-Methylphenol	8.44	107	427216	42.745	ng	97
18) Hexachloroethane	9.09	117	180743	41.727	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	390559	41.869	ng	99
20) 3+4-Methylphenols	8.77	107	580801	42.639	ng	99
22) Acetophenone	8.82	105	649076	40.612	ng	98
24) Nitrobenzene	9.20	77	555715	48.440	ng	99
25) Isophorone	9.73	82	1000548	39.432	ng	98
26) 2-Nitrophenol	9.91	139	211673	56.607	ng	97
27) 2,4-Dimethylphenol	9.98	122	416483	46.113	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	608326	42.693	ng	98
29) 2,4-Dichlorophenol	10.45	162	434477	46.470	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	424021	40.930	ng	100
31) Naphthalene	10.85	128	1318688	41.117	ng	99
32) Benzoic acid	10.13	122	282491	50.777	ng	93
33) 4-Chloroaniline	10.95	127	370184	25.830	ng	99
34) Hexachlorobutadiene	11.15	225	231230	38.227	ng	99
35) Caprolactam	11.73	113	123978	34.925	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	512979	48.172	ng	99
37) 2-Methylnaphthalene	12.46	142	952821	41.793	ng	99
38) 1-Methylnaphthalene	12.67	142	912845	42.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	412098	40.241	ng	99

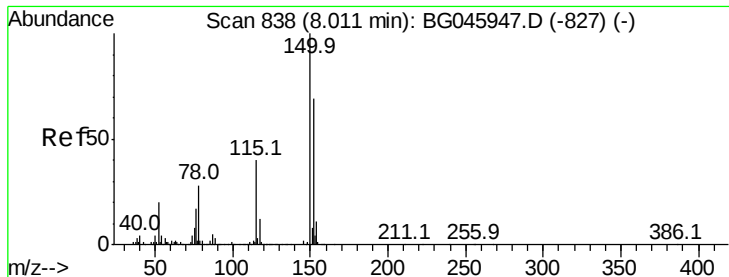
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
 Data File : BG046023.D
 Acq On : 13 Jul 2020 15:15
 Operator : CG/JU
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Quant Time: Jul 13 15:52:30 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	409243	67.348	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	324413	46.841	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	355058	45.341	ng	96
46) 1,1'-Biphenyl	13.46	154	1149464	42.061	ng	99
47) 2-Chloronaphthalene	13.50	162	877753	40.707	ng	97
48) 2-Nitroaniline	13.70	65	336234	55.088	ng	99
49) Acenaphthylene	14.35	152	1441064	41.422	ng	99
50) Dimethylphthalate	14.08	163	1132735	41.547	ng	100
51) 2,6-Dinitrotoluene	14.20	165	249354	50.919	ng	95
52) Acenaphthene	14.69	154	984677	44.873	ng	99
53) 3-Nitroaniline	14.52	138	249160	42.037	ng	# 97
54) 2,4-Dinitrophenol	14.72	184	169972	92.168	ng	# 85
55) Dibenzofuran	15.02	168	1339801	41.652	ng	98
56) 4-Nitrophenol	14.84	139	477091	107.409	ng	96
57) 2,4-Dinitrotoluene	14.98	165	338172	53.540	ng	99
58) Fluorene	15.68	166	1099619	41.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	300624	49.723	ng	90
60) Diethylphthalate	15.45	149	1180557	41.289	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	528134	40.230	ng	100
62) 4-Nitroaniline	15.69	138	299224	53.102	ng	99
63) Azobenzene	15.96	77	1345882	43.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	135215	50.865	ng	97
66) n-Nitrosodiphenylamine	15.88	169	1004502	42.376	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	343247	40.177	ng	98
68) Hexachlorobenzene	16.68	284	355779	41.499	ng	95
69) Atrazine	16.83	200	320488	45.729	ng	97
70) Pentachlorophenol	17.02	266	438078	91.907	ng	98
71) Phenanthrene	17.41	178	1711914	42.331	ng	97
72) Anthracene	17.50	178	1744271	42.501	ng	98
73) Carbazole	17.77	167	1683069	40.914	ng	100
74) Di-n-butylphthalate	18.34	149	2008019	40.394	ng	98
75) Fluoranthene	19.42	202	1959050	41.905	ng	98
77) Benzidine	19.59	184	1172119	63.237	ng	97
78) Pyrene	19.78	202	1919468	43.378	ng	100
80) Butylbenzylphthalate	20.67	149	929507	44.451	ng	96
81) Benzo(a)anthracene	21.61	228	1773129	41.598	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	558366	35.450	ng	98
83) Chrysene	21.67	228	1702762	41.932	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1293067	42.600	ng	98
85) Di-n-octyl phthalate	22.74	149	2228870	42.313	ng	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2222001	45.155	ng	98
88) Benzo(b)fluoranthene	23.79	252	1922603	45.026	ng	97
89) Benzo(k)fluoranthene	23.86	252	1807973	44.779	ng	99
90) Benzo(a)pyrene	24.63	252	1762712	43.901	ng	99
91) Dibenzo(a,h)anthracene	28.44	278	1778137	44.801	ng	100
92) Benzo(g,h,i)perylene	29.48	276	1780200	44.570	ng	99

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

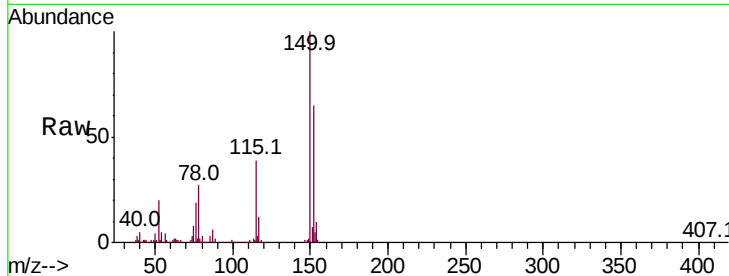


#1

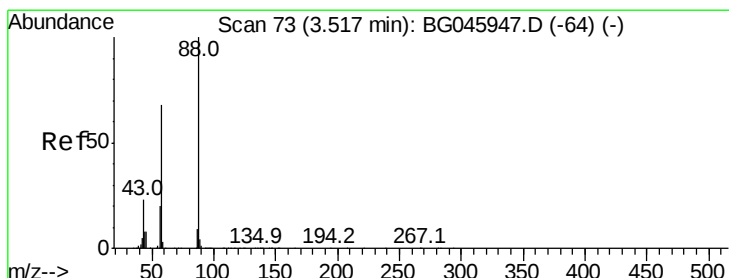
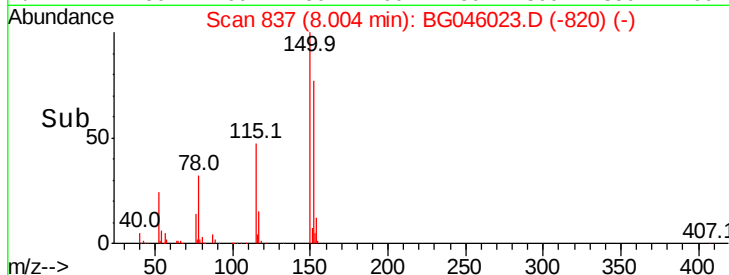
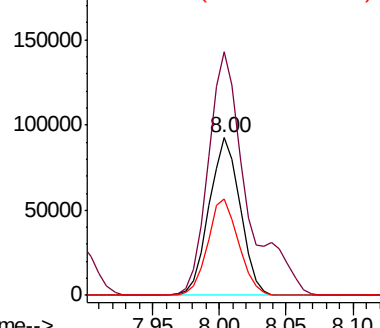
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion:152 Resp: 149564
Ion Ratio Lower Upper
152 100
150 154.3 116.7 175.1
115 60.8 47.4 71.0



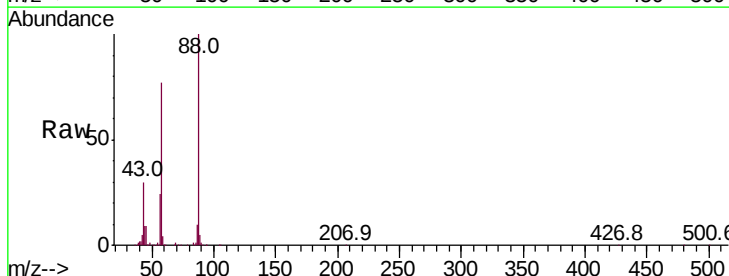
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



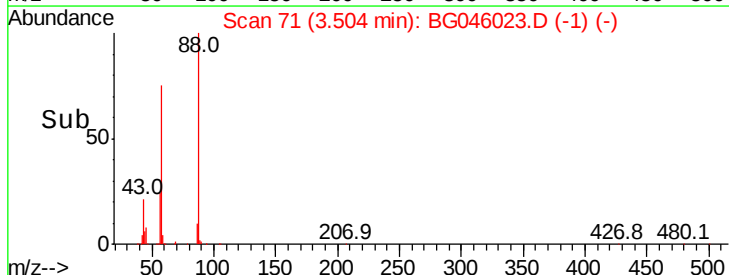
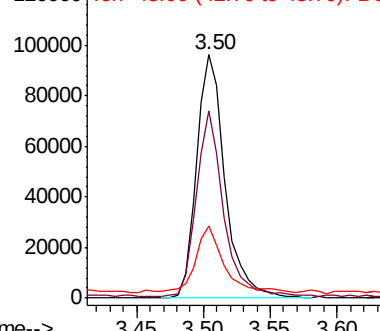
#2

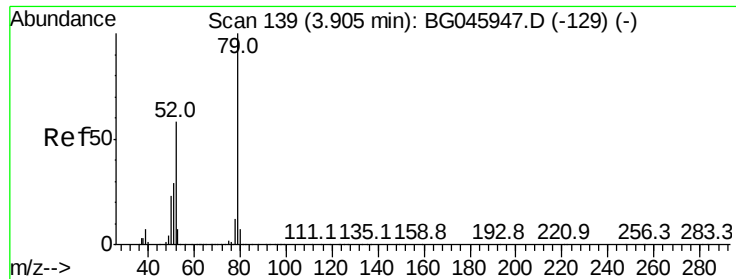
1,4-Dioxane
Concen: 33.982 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion: 88 Resp: 144594
Ion Ratio Lower Upper
88 100
58 72.8 55.2 82.8
43 27.5 19.4 29.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

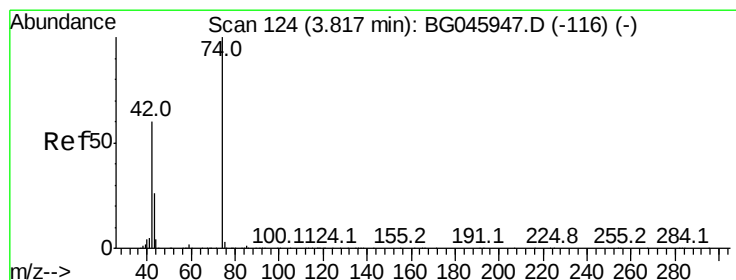
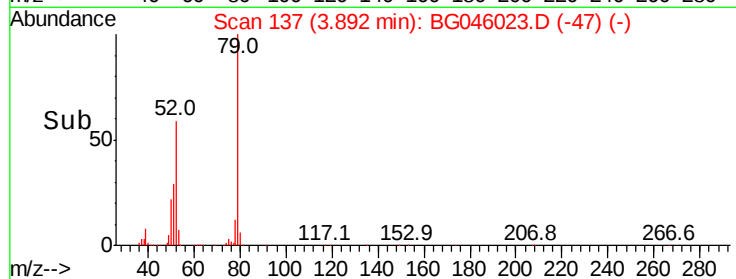
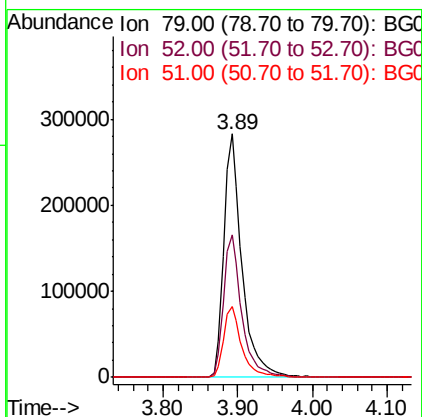
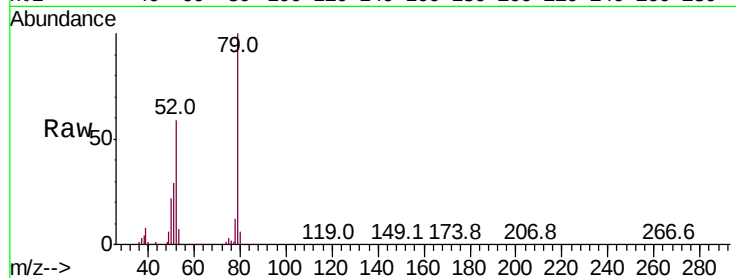




#3
 Pvridine
 Concen: 37.253 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

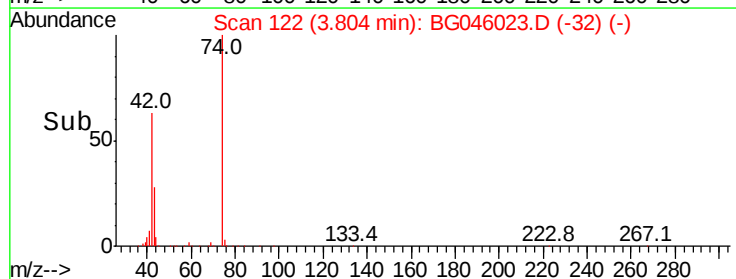
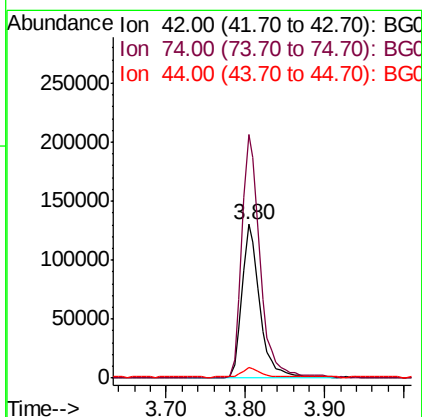
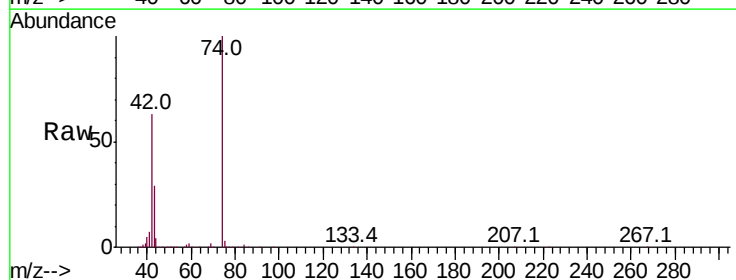
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

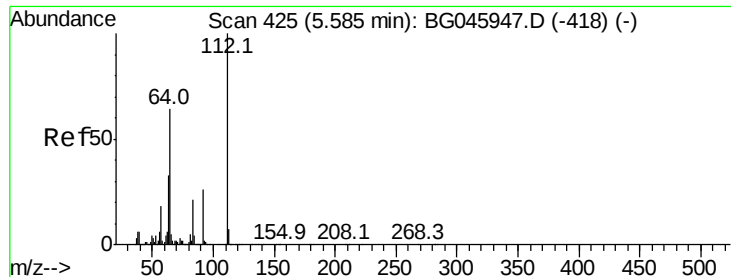
Tot Ion: 79 Resp: 479299
 Ion Ratio Lower Upper
 79 100
 52 58.5 46.5 69.7
 51 29.1 23.5 35.3



#4
 n-Nitrosodimethylamine
 Concen: 46.827 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion: 42 Resp: 203724
 Ion Ratio Lower Upper
 42 100
 74 158.4 131.9 197.9
 44 6.5 7.7 11.5





#5

2-Fluorophenol

Concen: 91.276 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

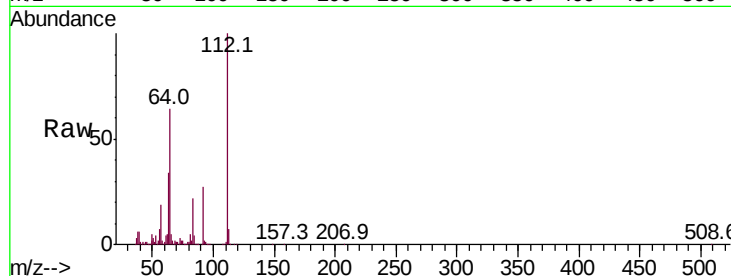
Tot Ion:112 Resp: 841830

Ion Ratio Lower Upper

112 100

64 64.2 51.4 77.2

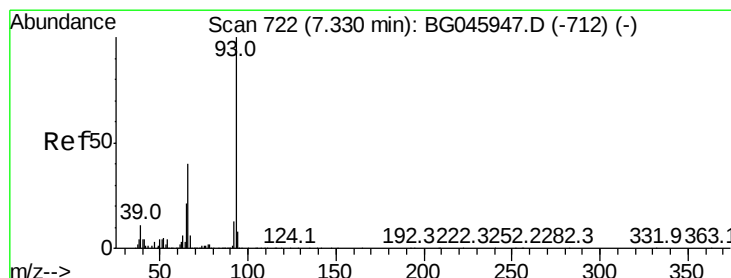
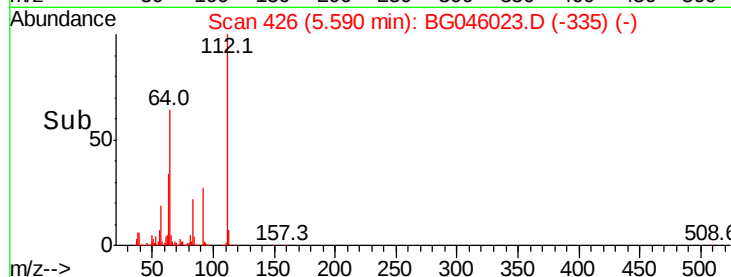
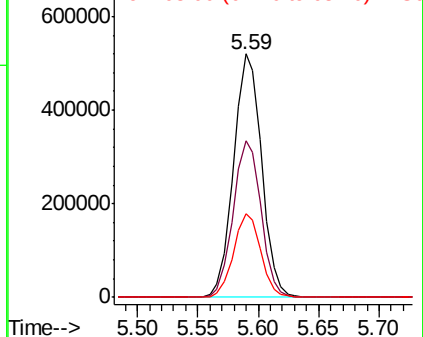
63 34.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.519 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

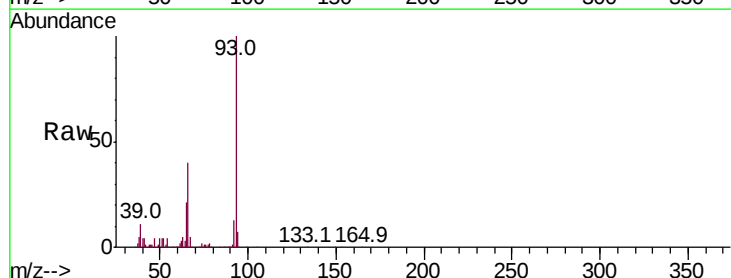
Tgt Ion: 93 Resp: 603345

Ion Ratio Lower Upper

93 100

66 39.7 32.3 48.5

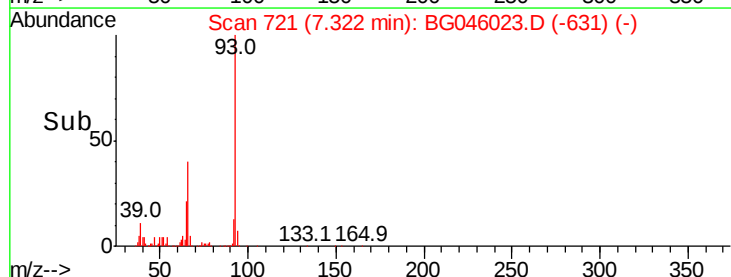
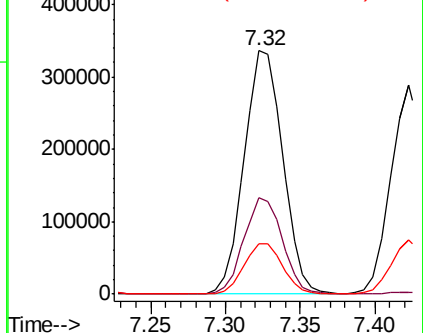
65 20.9 16.6 25.0

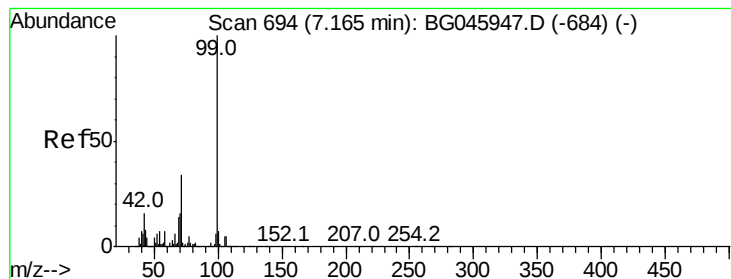


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.761 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

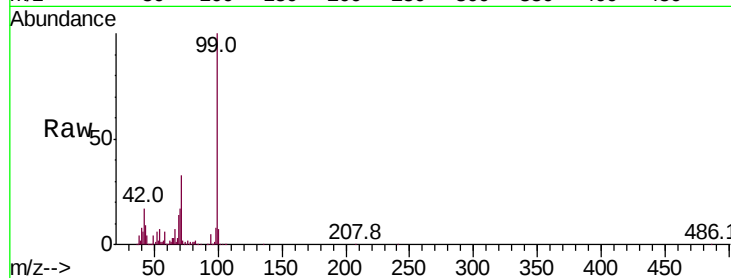
BNA_G

ClientSampleId :

PB130129BS

Tot Ion: 99 Resp: 1138753

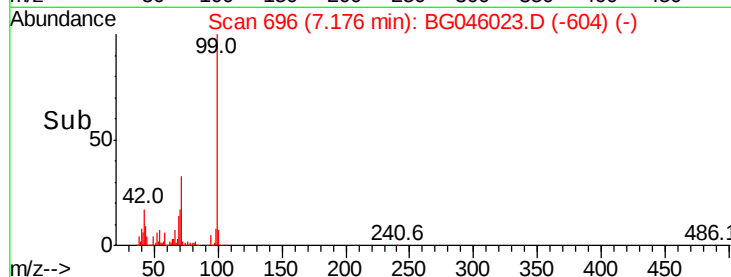
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.0	19.4
71	33.2	27.5	41.3



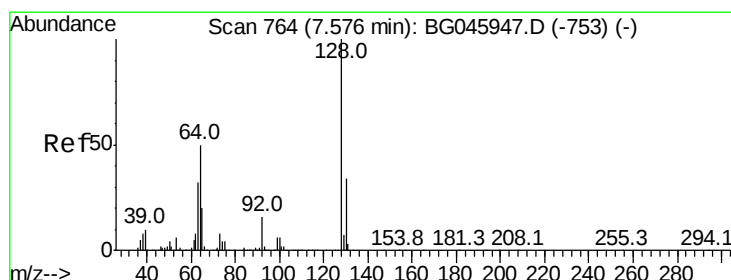
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 47.465 ng

RT: 7.57 min Scan# 763

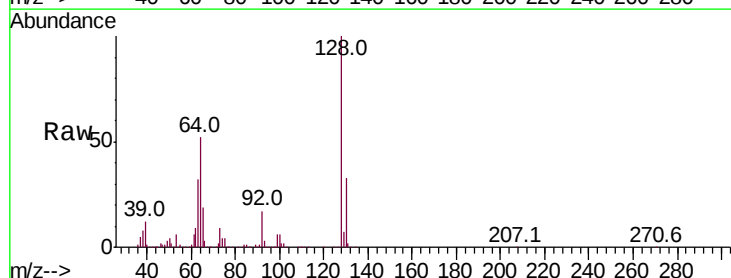
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion: 128 Resp: 471245

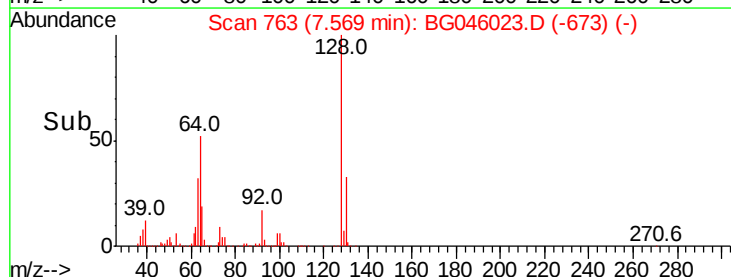
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	51.9	30.6	70.6



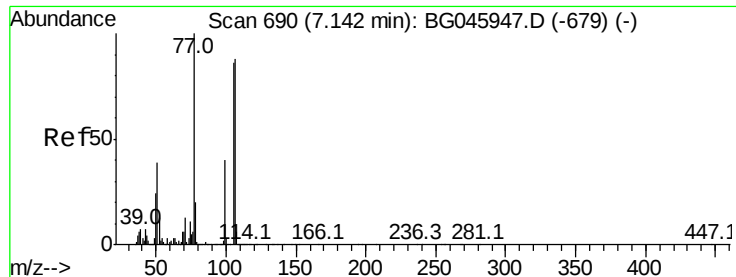
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 19.339 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

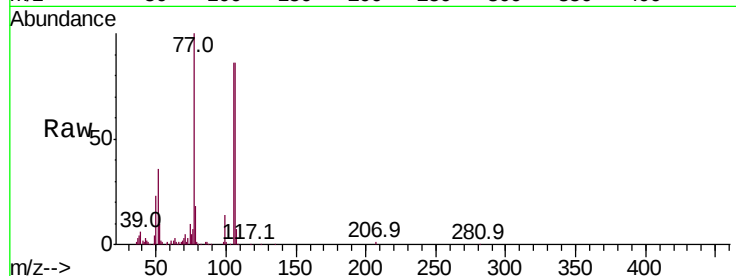
Tot Ion: 77 Resp: 162695

Ion Ratio Lower Upper

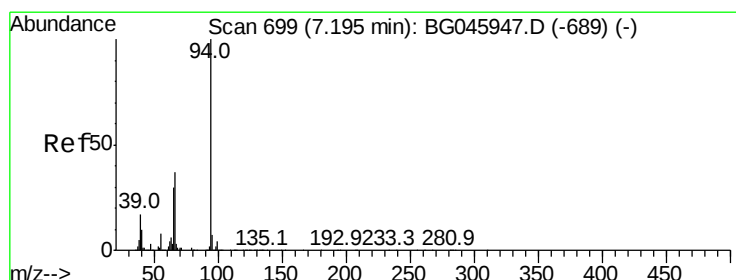
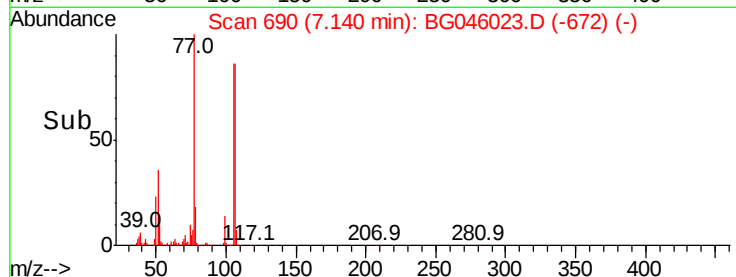
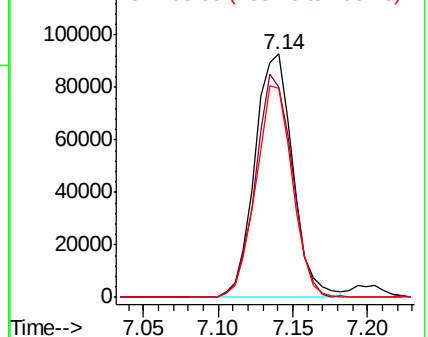
77 100

105 86.5 66.0 106.0

106 85.7 67.7 107.7



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: 47.936 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

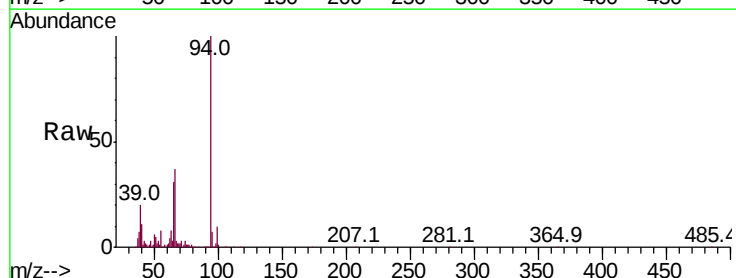
Tgt Ion: 94 Resp: 638495

Ion Ratio Lower Upper

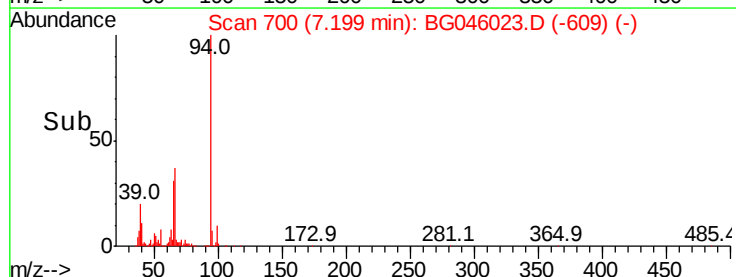
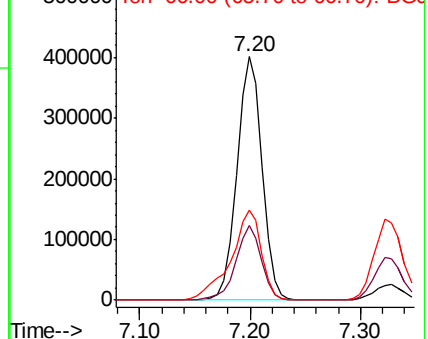
94 100

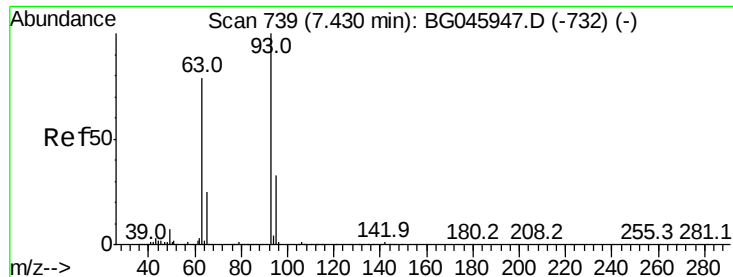
65 30.9 10.6 50.6

66 37.2 17.1 57.1



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

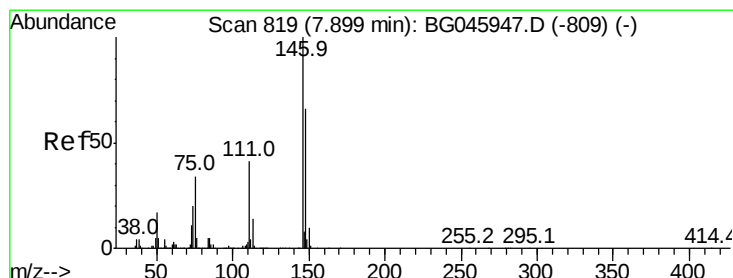
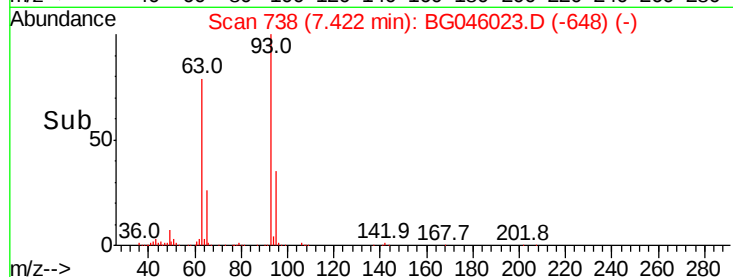
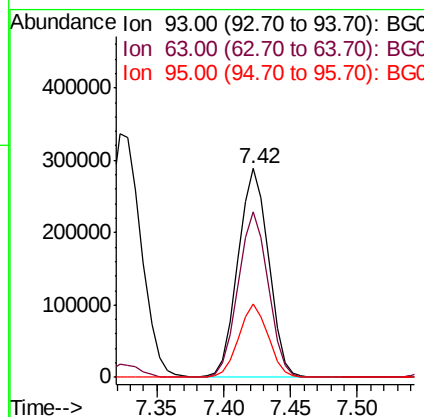
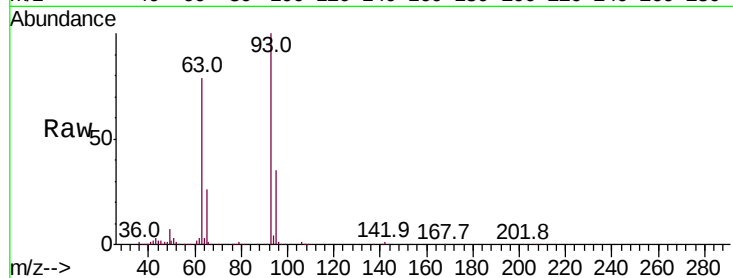




#11
bis(2-Chloroethyl)ether
Concen: 41.545 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

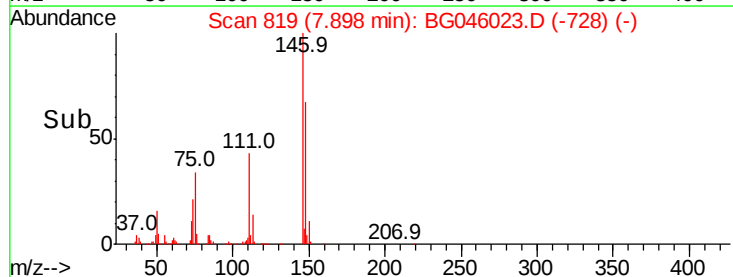
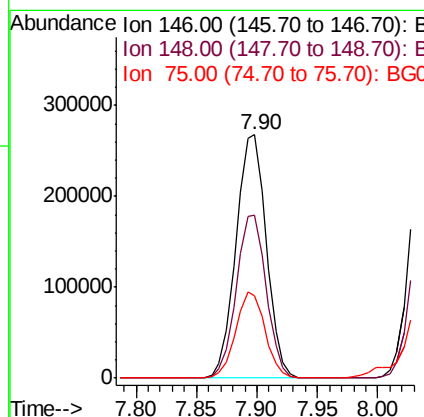
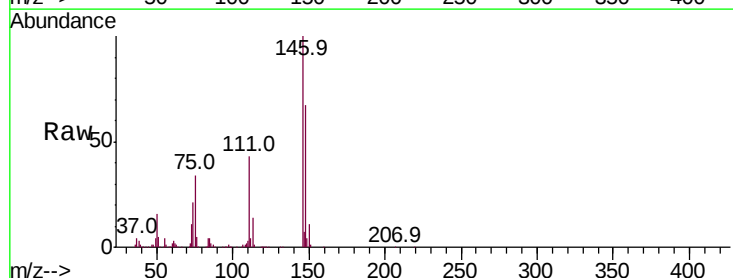
Instrument :
BNA_G
ClientSampleId :
PB130129BS

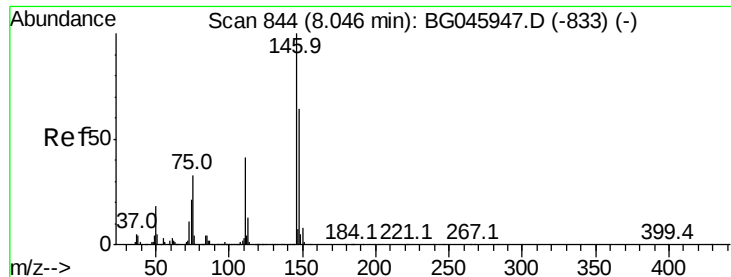
Tot Ion:	93	Resp:	457585
Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.6	98.6
95	35.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:	146	Resp:	469140
Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.8	79.2
75	33.9	27.2	40.8

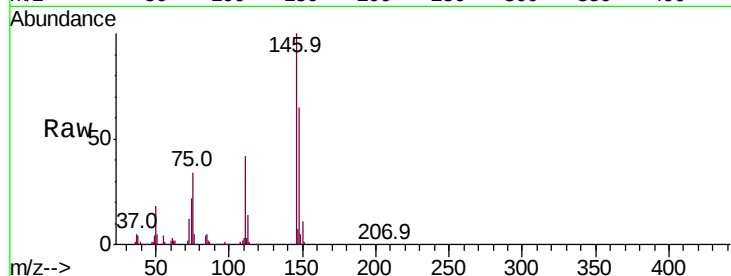




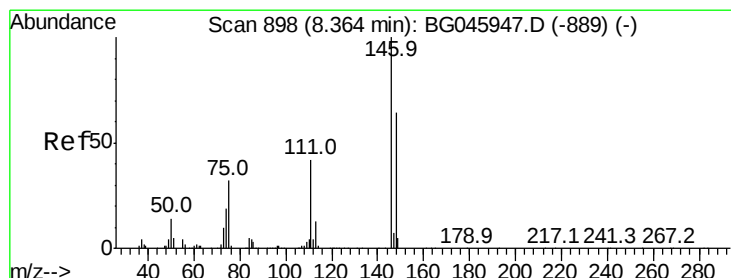
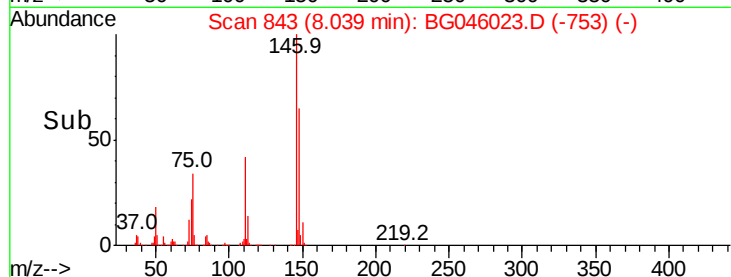
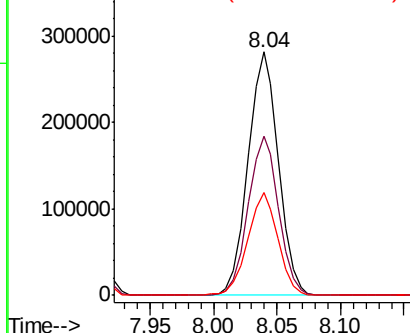
#13
1,4-Dichlorobenzene
Concen: 41.584 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion:146 Resp: 468132
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
111 42.2 33.3 49.9

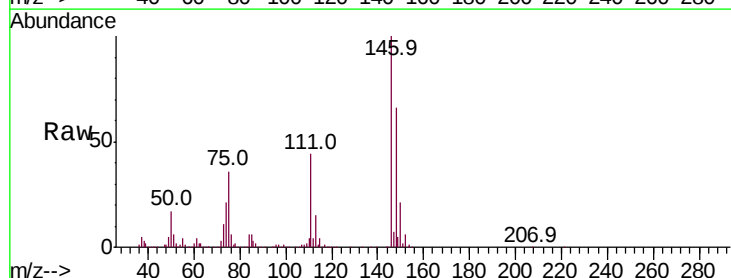


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

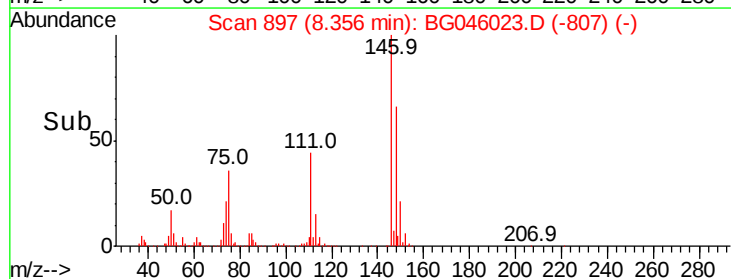
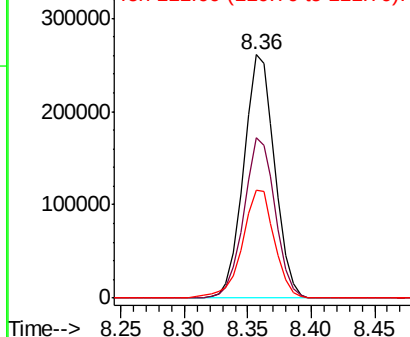


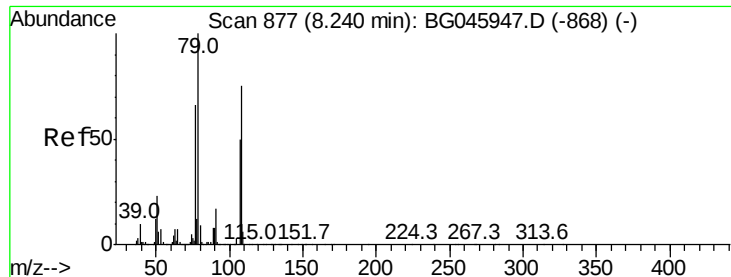
#14
1,2-Dichlorobenzene
Concen: 40.709 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:146 Resp: 441067
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
111 44.3 34.0 51.0



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: 43.741 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

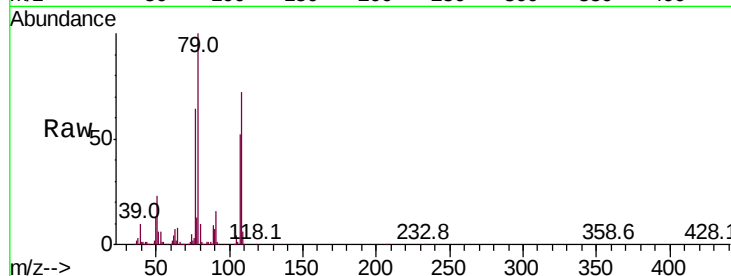
Tot Ion: 79 Resp: 455404

Ion Ratio Lower Upper

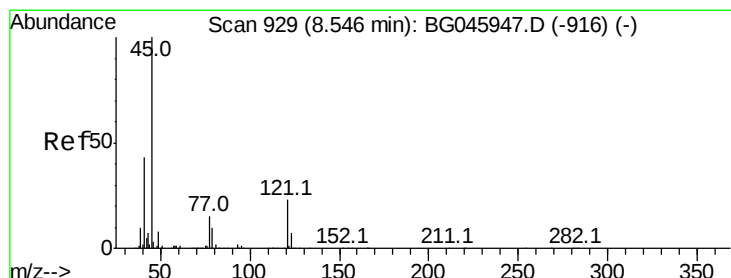
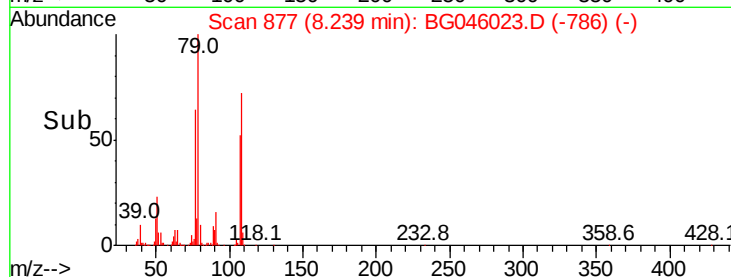
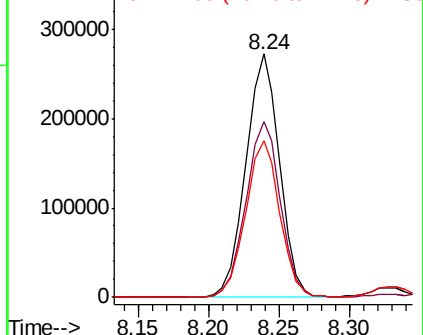
79 100

108 72.0 60.2 90.4

77 64.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.616 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

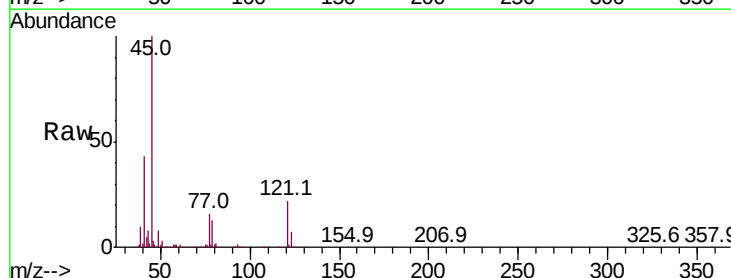
Tgt Ion: 45 Resp: 598049

Ion Ratio Lower Upper

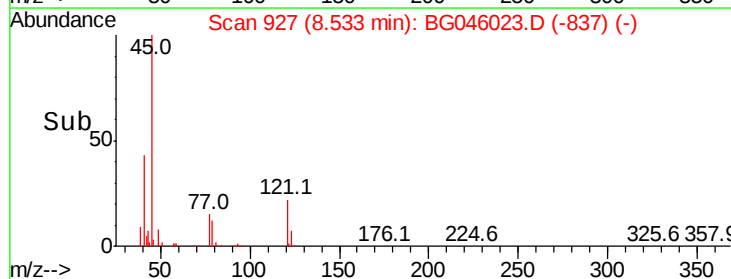
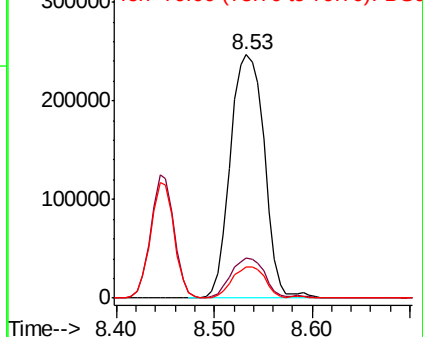
45 100

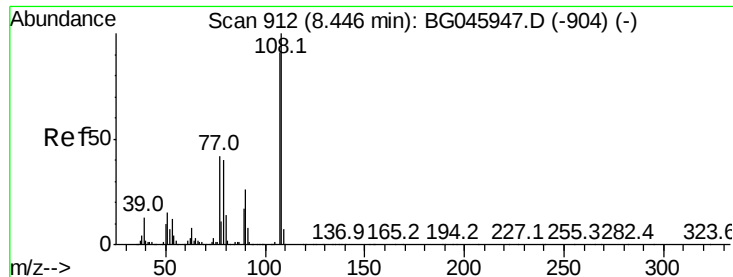
77 16.5 0.0 37.6

79 12.9 0.0 32.6



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

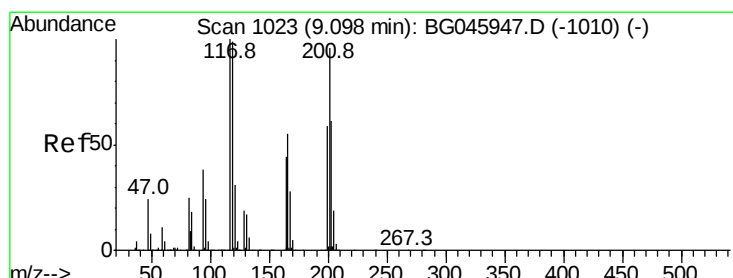
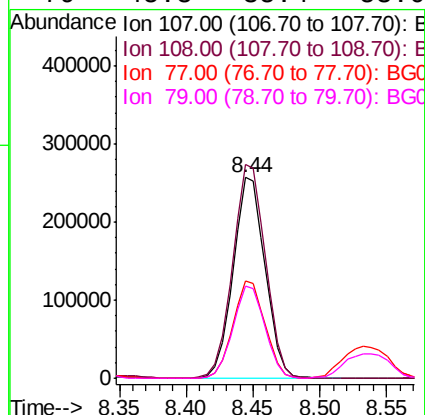
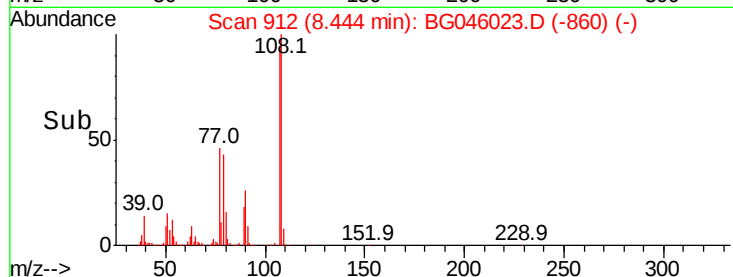
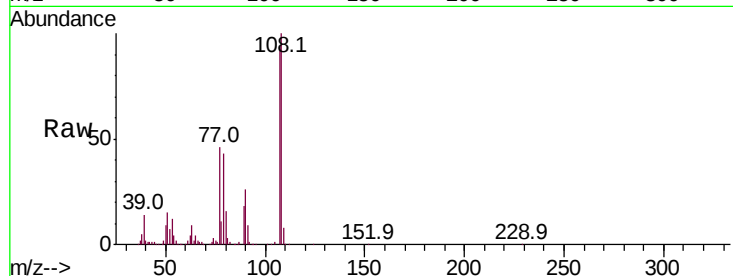




#17
2-Methylphenol
Concen: 42.745 ng
RT: 8.44 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

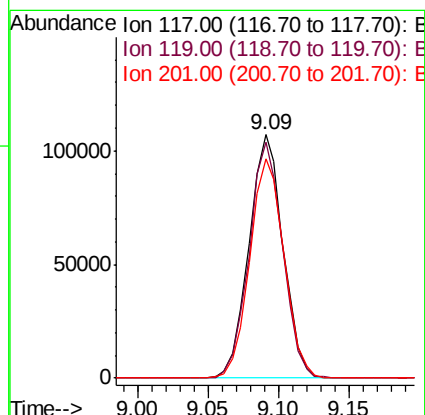
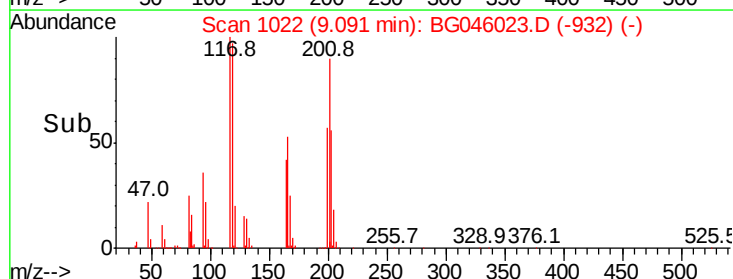
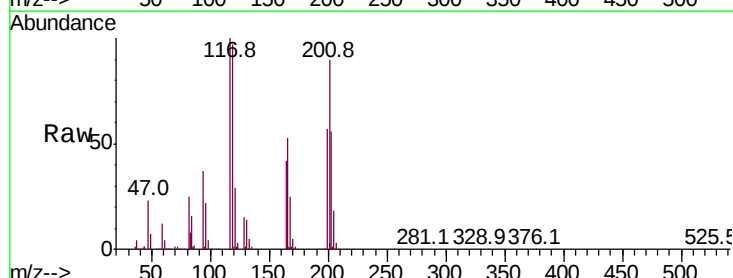
Instrument :
BNA_G
ClientSampleId :
PB130129BS

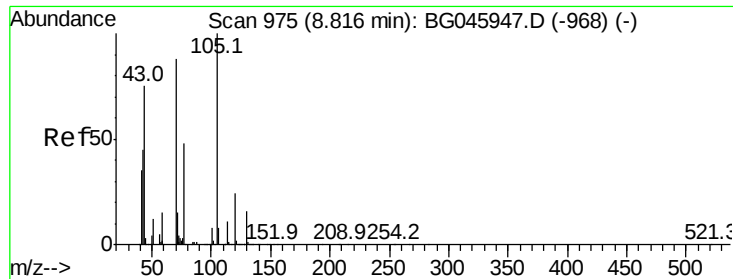
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	88.2	132.4
77	48.5	37.0	55.4
79	45.8	35.4	53.0



#18
Hexachloroethane
Concen: 41.727 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.5	119.3
201	90.3	77.0	115.4

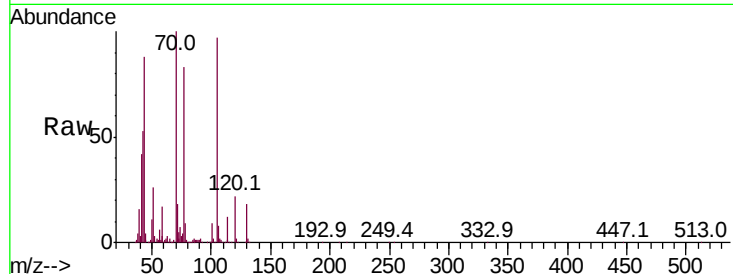




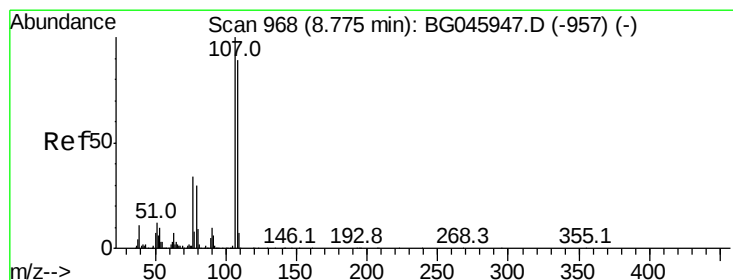
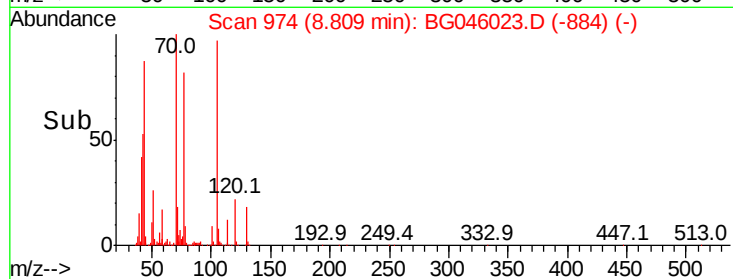
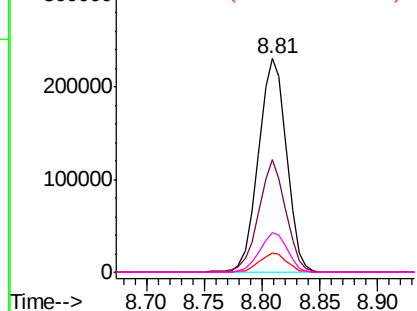
#19
n-Nitroso-di-n-propylamine
Concen: 41.869 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion: 70 Resp: 390559
Ion Ratio Lower Upper
70 100
42 52.8 41.4 62.0
101 9.1 7.1 10.7
130 18.4 14.9 22.3

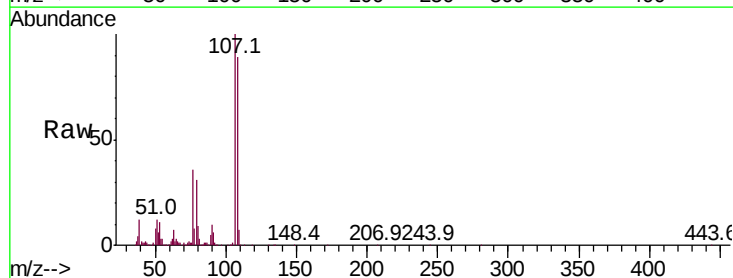


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

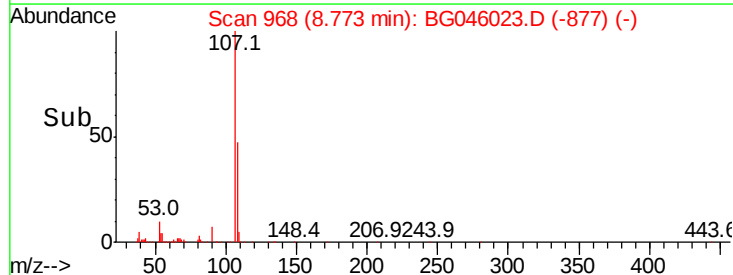
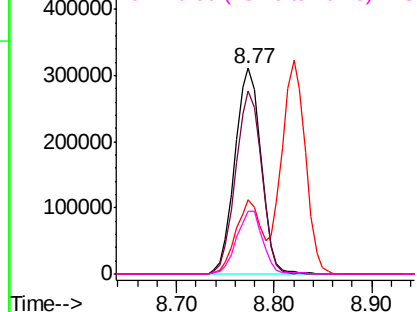


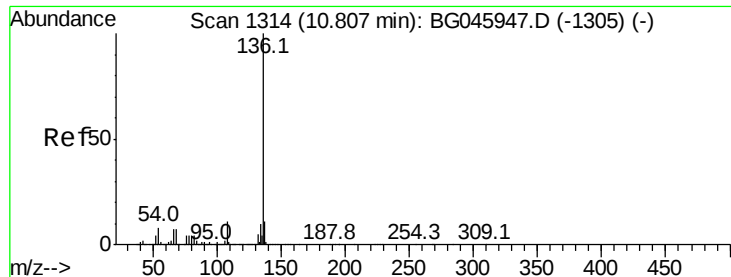
#20
3+4-Methylphenols
Concen: 42.639 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion: 107 Resp: 580801
Ion Ratio Lower Upper
107 100
108 88.8 68.7 108.7
77 35.9 14.6 54.6
79 30.7 10.6 50.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

Tot Ion:136 Resp: 598262

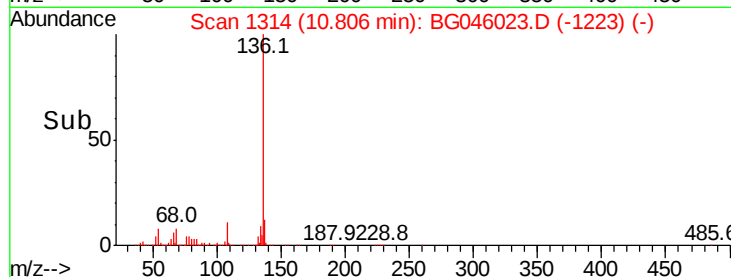
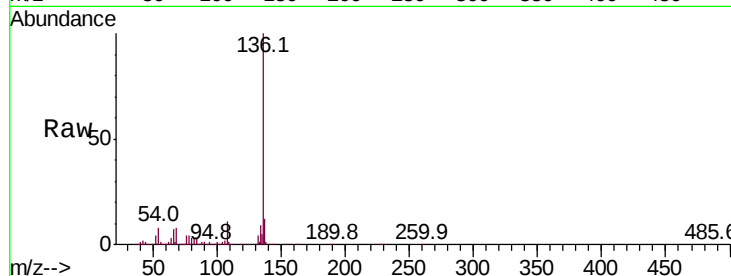
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.7 6.2 9.4

68 7.9 5.8 8.8

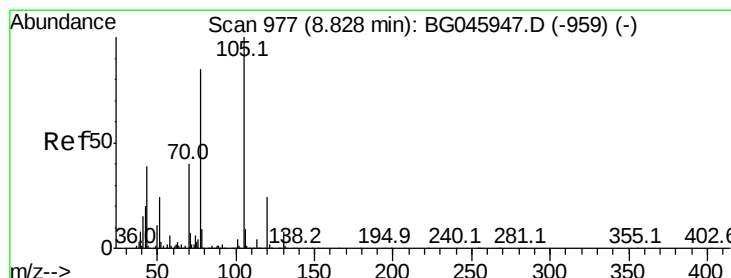
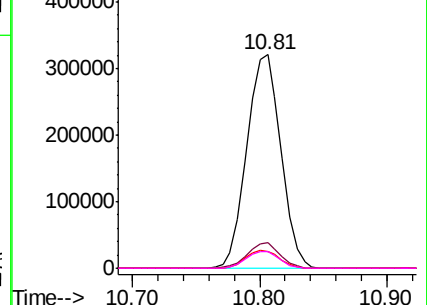


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.612 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:105 Resp: 649076

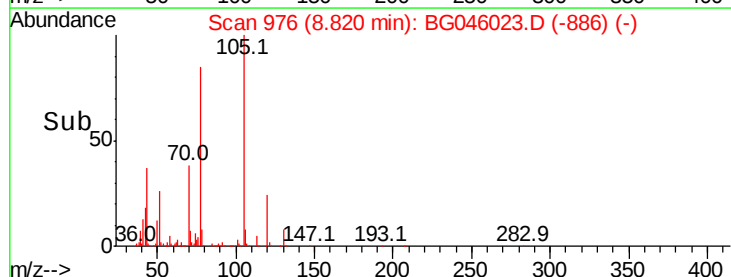
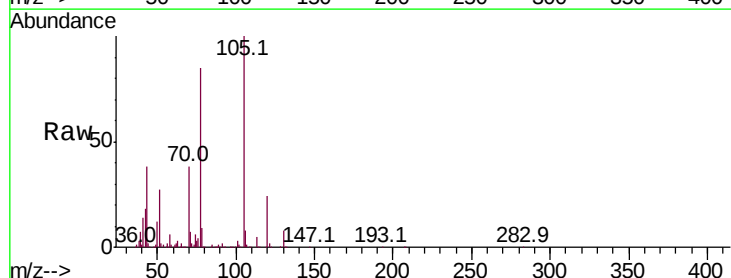
Ion Ratio Lower Upper

105 100

71 6.5 6.2 9.2

51 26.5 19.7 29.5

120 24.0 19.2 28.8

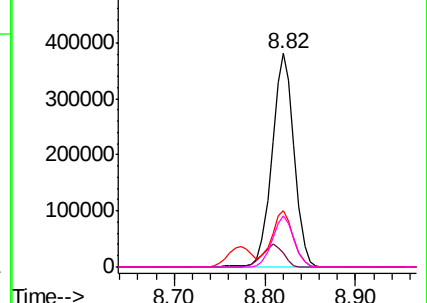


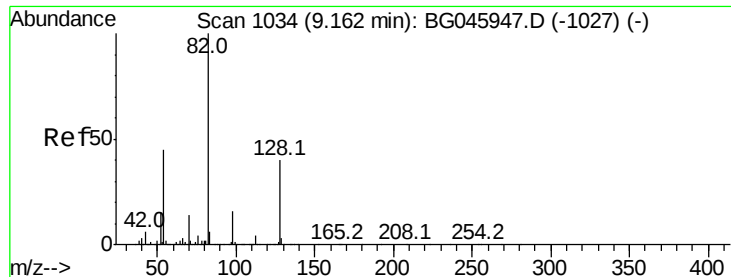
Abundance Ion 105.00 (104.70 to 105.70): E

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

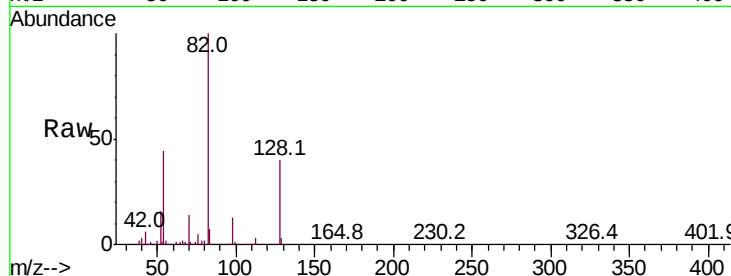




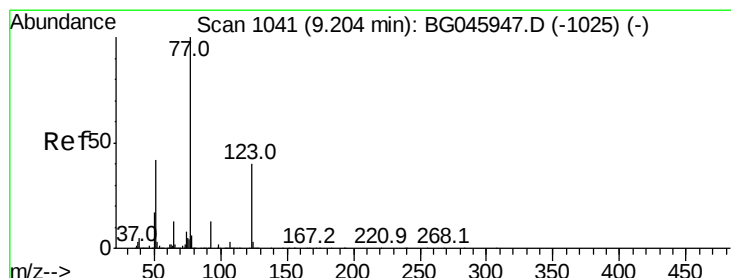
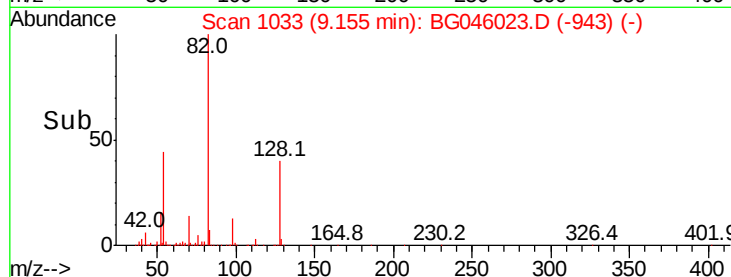
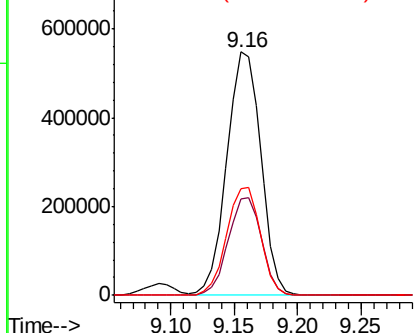
#23
Nitrobenzene-d5
Concen: 97.915 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion: 82 Resp: 1017734
Ion Ratio Lower Upper
82 100
128 39.7 32.2 48.4
54 43.9 35.8 53.6

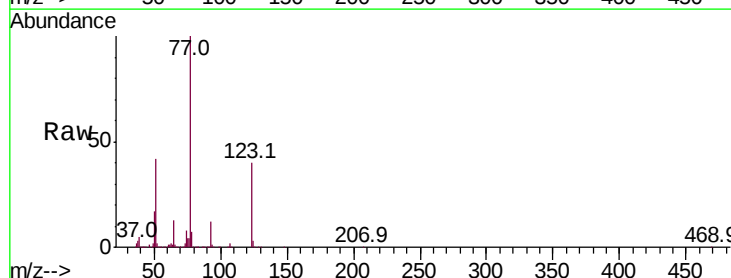


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

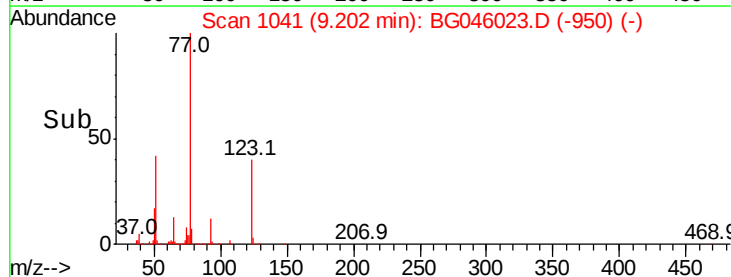
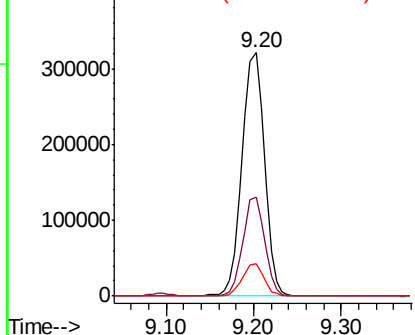


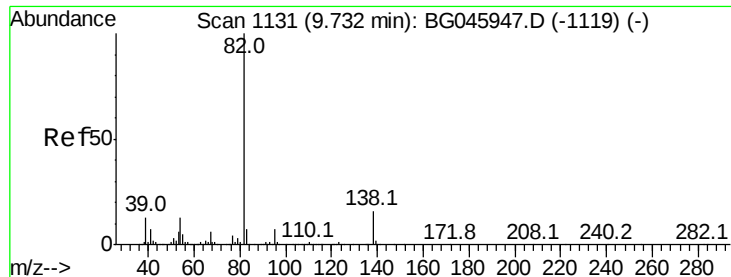
#24
Nitrobenzene
Concen: 48.440 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion: 77 Resp: 555715
Ion Ratio Lower Upper
77 100
123 40.4 32.7 49.1
65 13.5 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.432 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

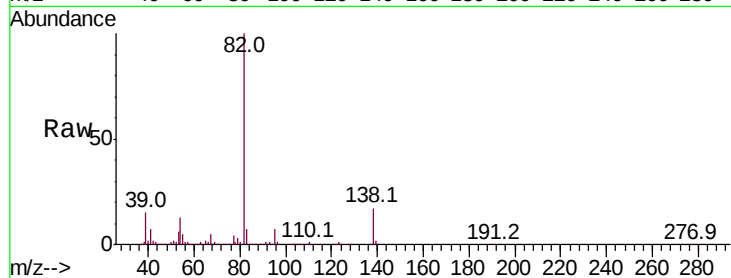
Tot Ion: 82 Resp: 1000548

Ion Ratio Lower Upper

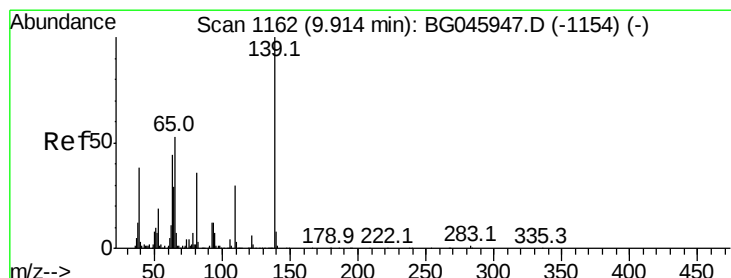
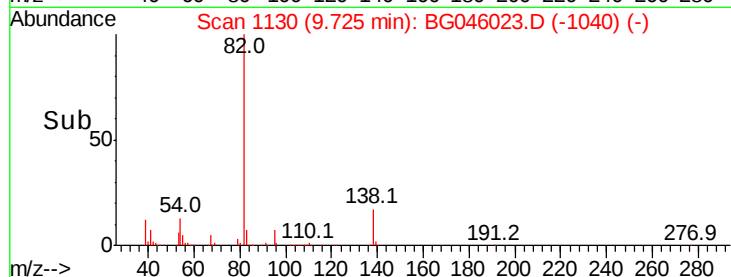
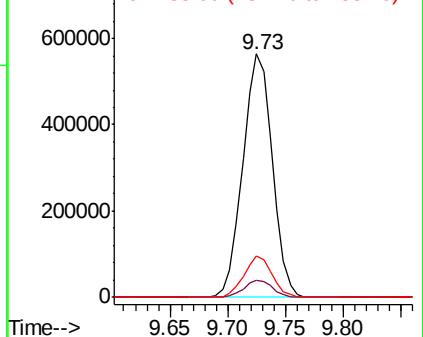
82 100

95 7.0 5.8 8.6

138 17.1 12.9 19.3



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



#26

2-Nitrophenol

Concen: 56.607 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

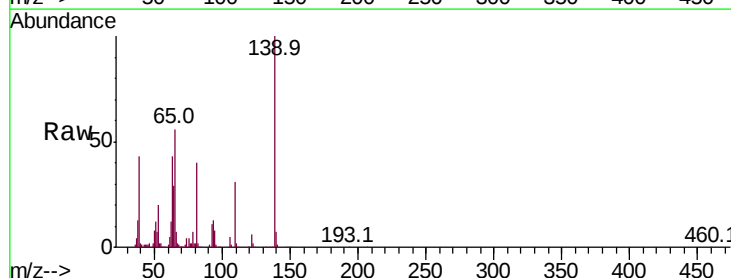
Tgt Ion: 139 Resp: 211673

Ion Ratio Lower Upper

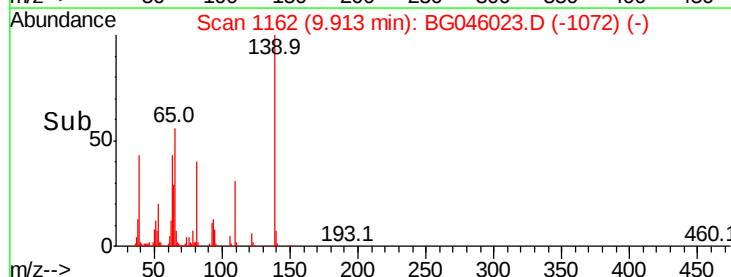
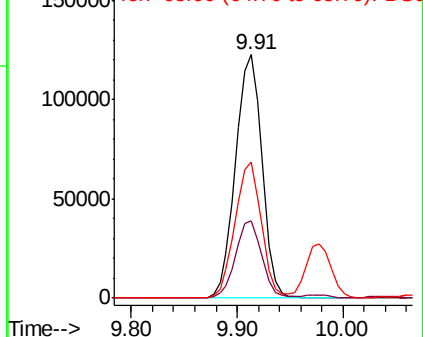
139 100

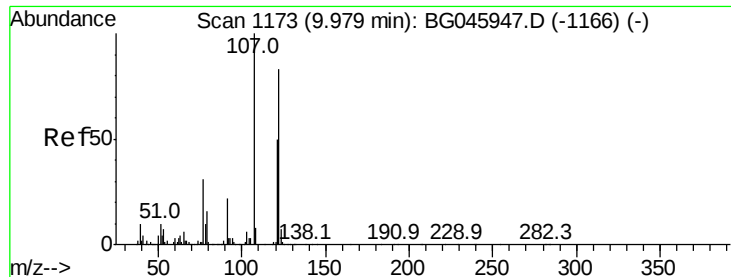
109 31.5 24.6 37.0

65 56.1 42.6 64.0



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





#27

2,4-Dimethylphenol

Concen: 46.113 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

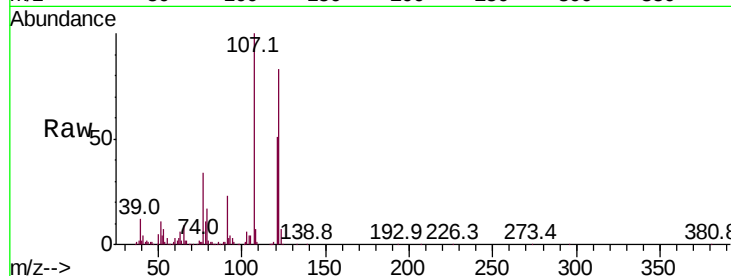
Tot Ion:122 Resp: 416483

Ion Ratio Lower Upper

122 100

107 120.3 95.6 143.4

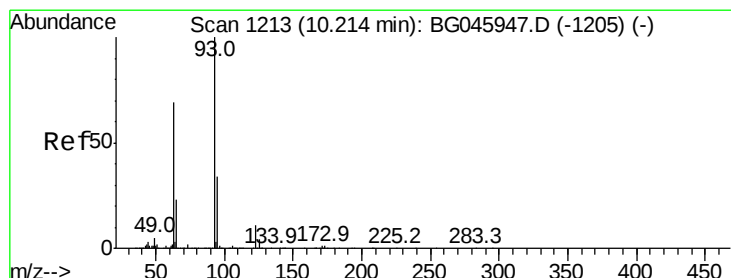
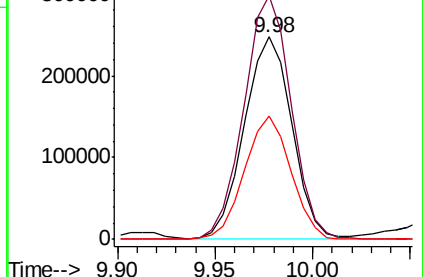
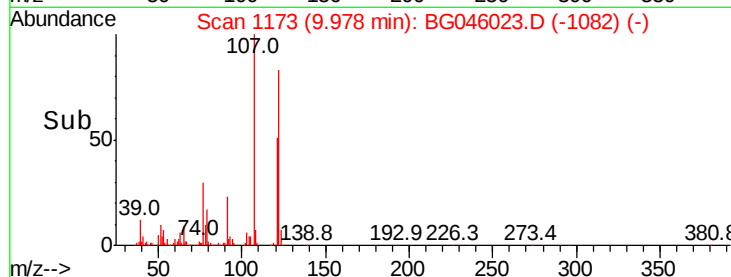
121 61.0 47.7 71.5



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: 42.693 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

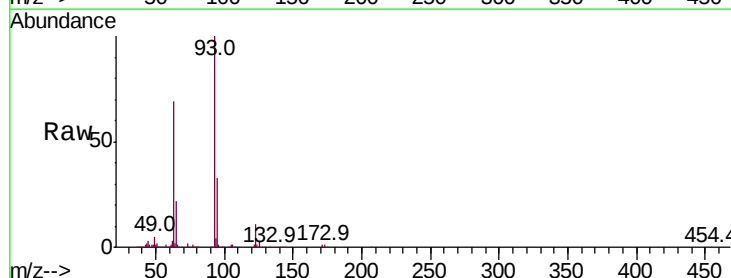
Tgt Ion: 93 Resp: 608326

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

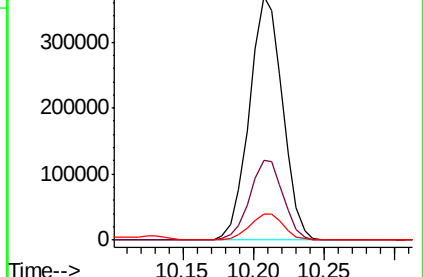
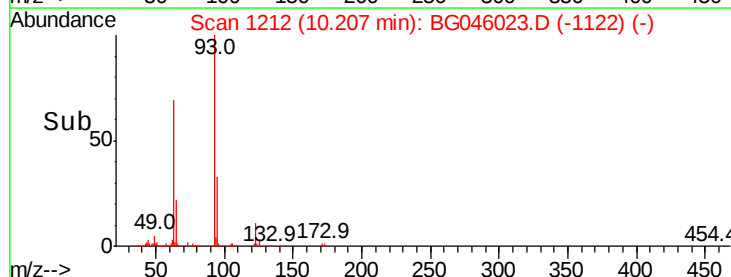
123 10.7 9.2 13.8

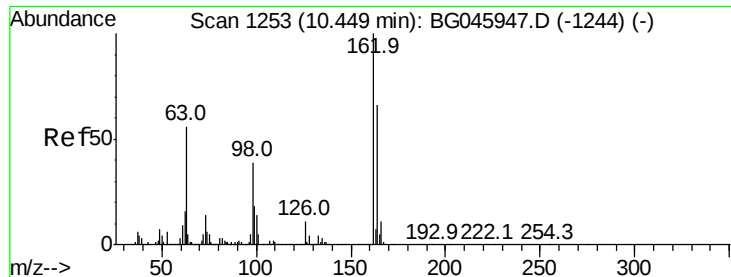


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

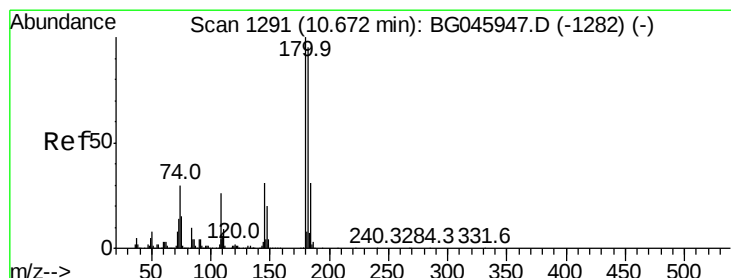
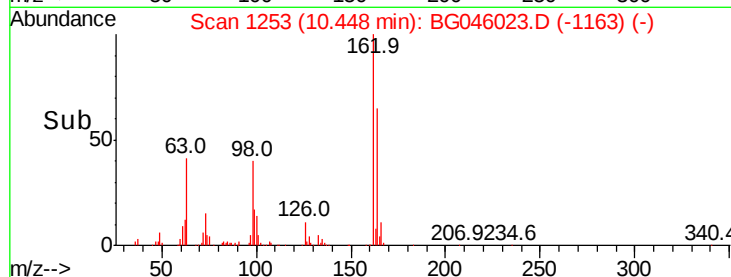
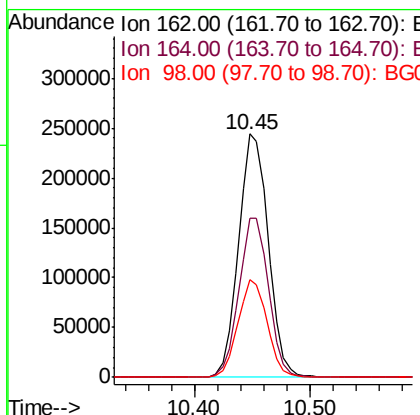
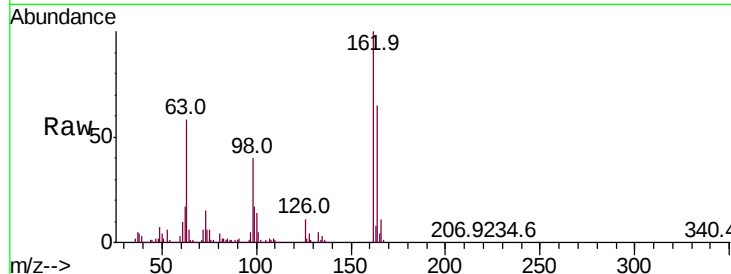




#29
 2,4-Dichlorophenol
 Concen: 46.470 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

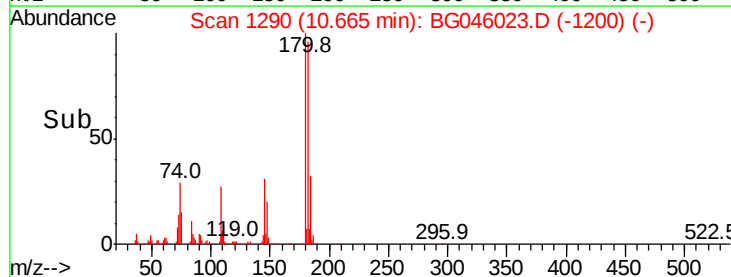
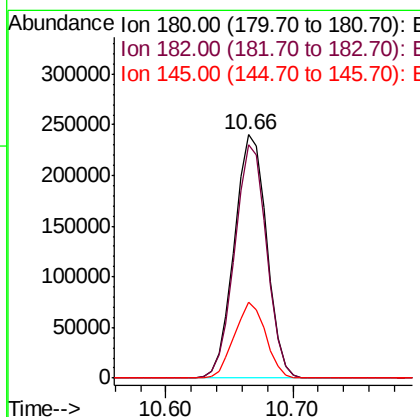
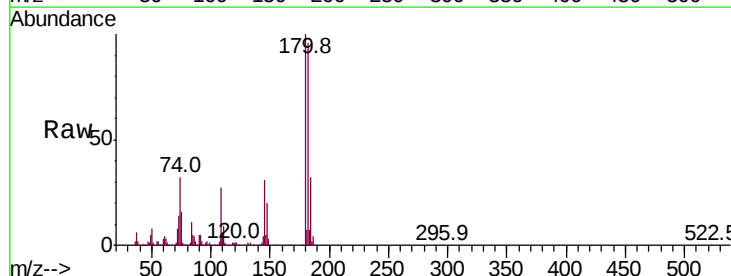
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

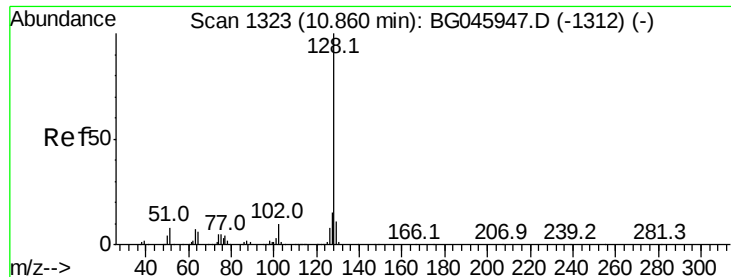
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.0	86.0
98	39.9	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.930 ng
 RT: 10.66 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	31.3	24.8	37.2

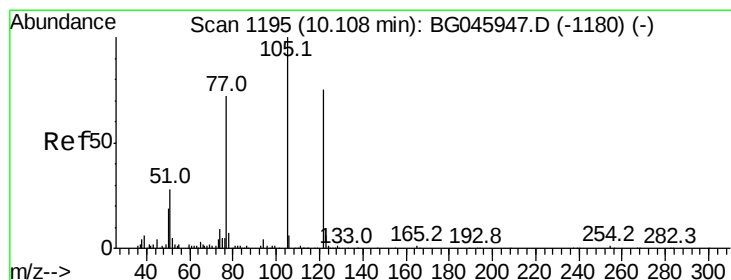
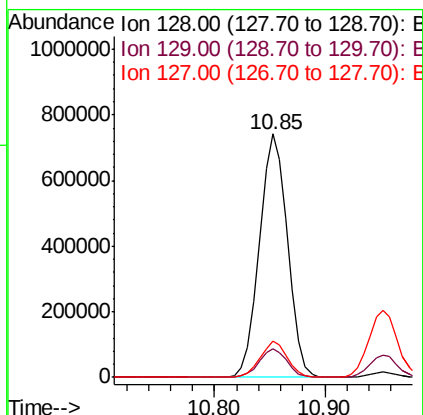
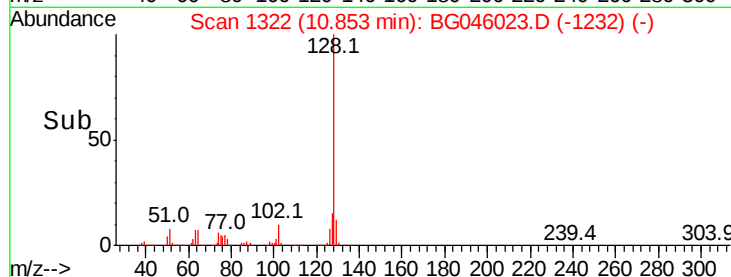
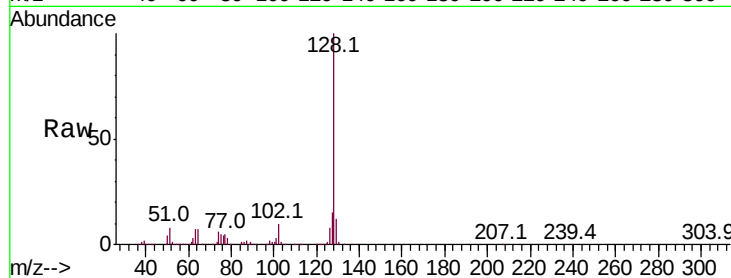




#31
Naphthalene
Concen: 41.117 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

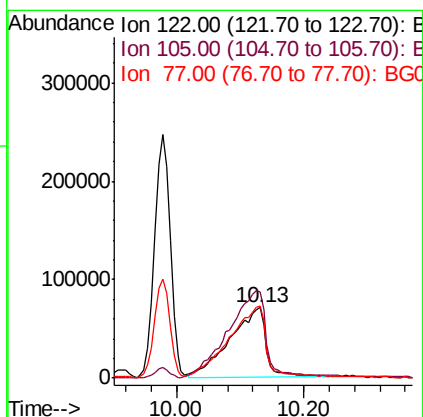
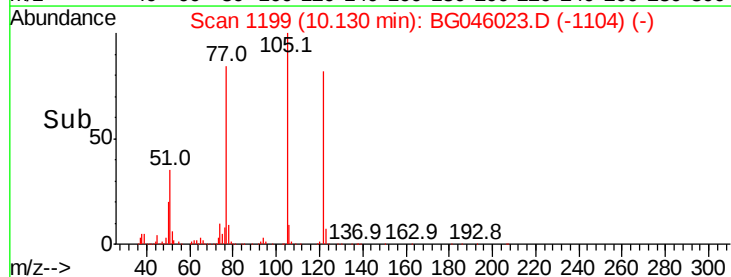
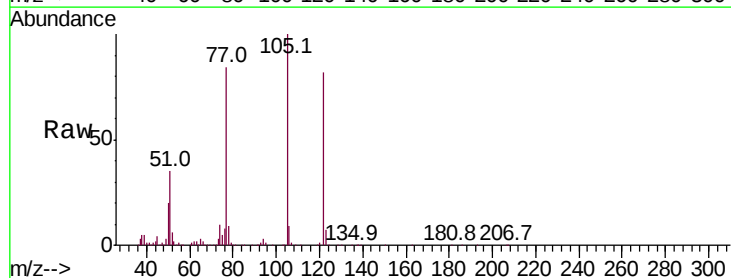
Instrument :
BNA_G
ClientSampleId :
PB130129BS

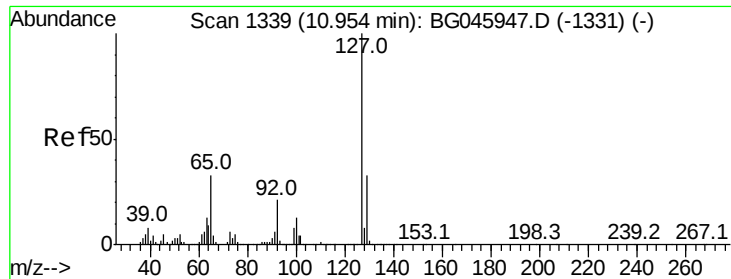
Tot Ion:128 Resp: 1318688
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.9 11.8 17.6



#32
Benzoic acid
Concen: 50.777 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:122 Resp: 282491
Ion Ratio Lower Upper
122 100
105 122.4 110.8 150.8
77 102.7 76.4 116.4

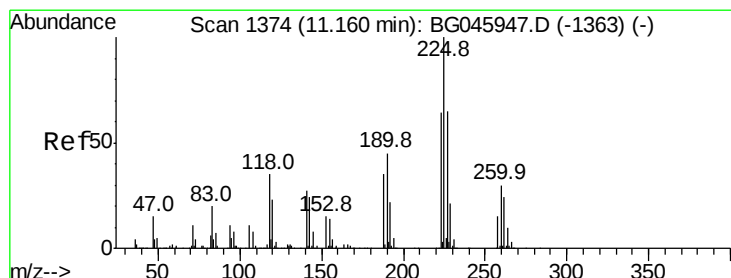
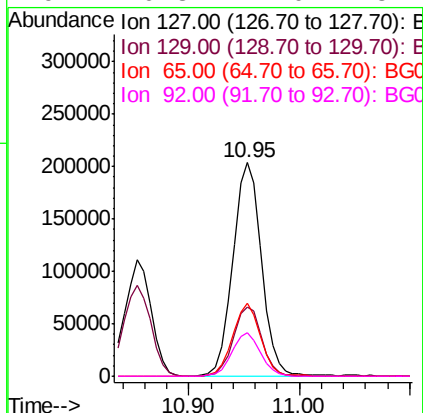
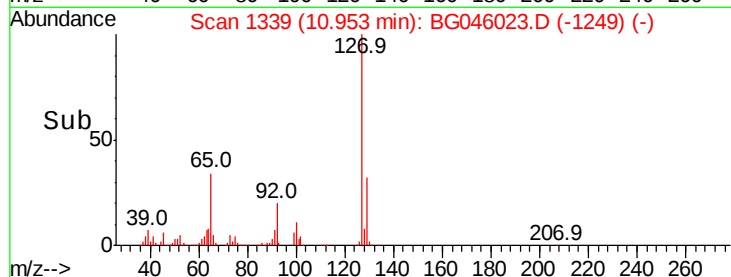
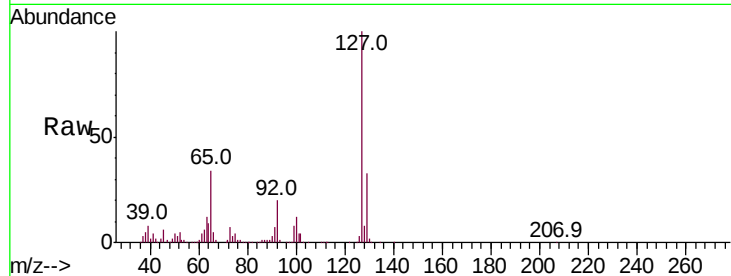




#33
4-Chloroaniline
Concen: 25.830 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

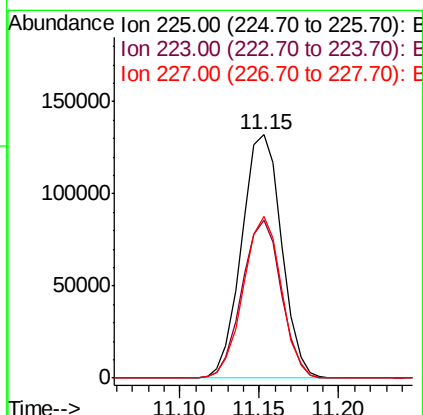
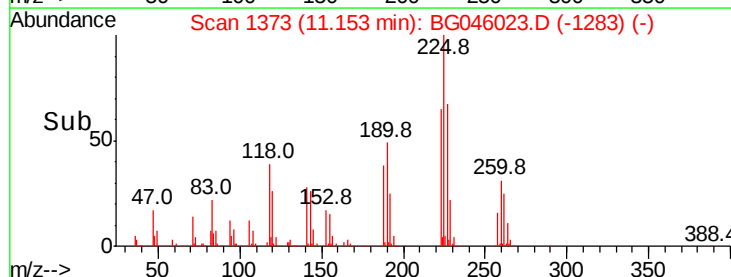
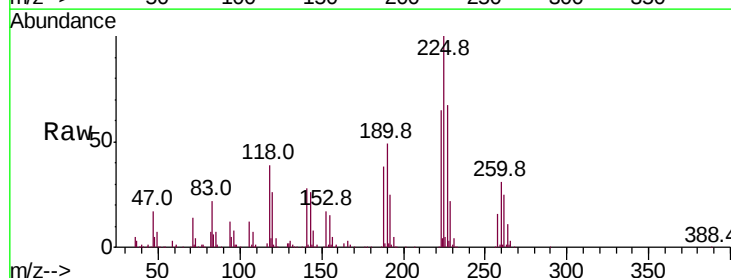
Instrument :
BNA_G
ClientSampleId :
PB130129BS

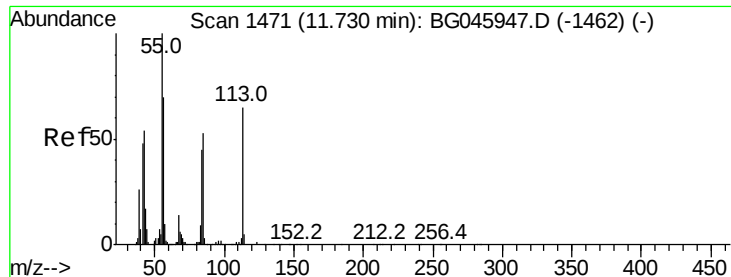
Tot Ion:	127	Resp:	370184
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	33.9	26.8	40.2
92	20.3	17.0	25.4



#34
Hexachlorobutadiene
Concen: 38.227 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:	225	Resp:	231230
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.2	76.8
227	66.6	52.3	78.5





#35

Caprolactam

Concen: 34.925 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

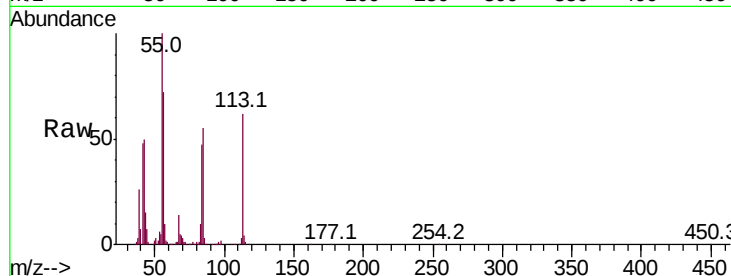
Tot Ion:113 Resp: 123978

Ion Ratio Lower Upper

113 100

55 162.0 141.6 181.6

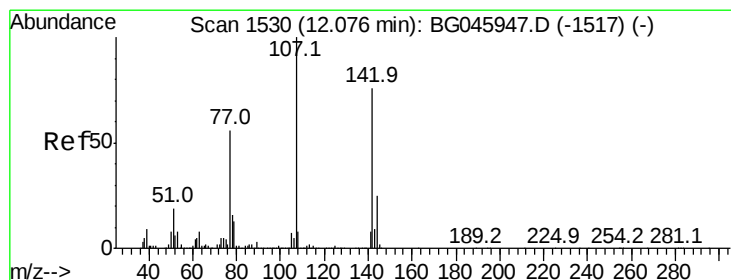
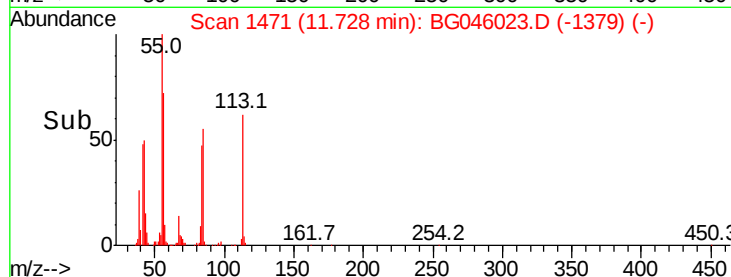
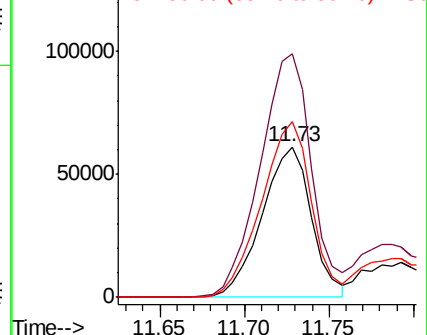
56 116.7 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.172 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

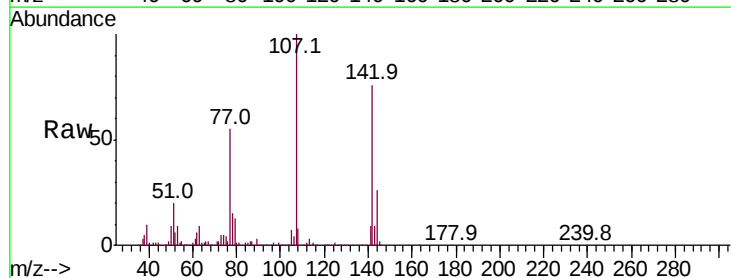
Tgt Ion:107 Resp: 512979

Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

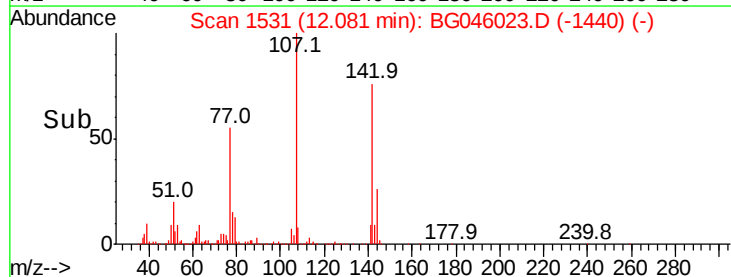
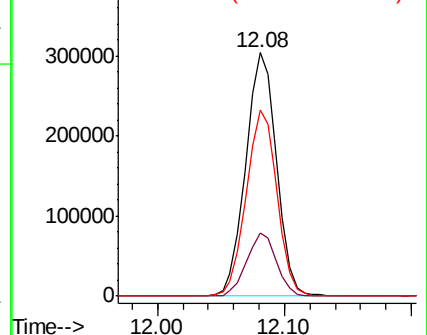
142 76.2 61.1 91.7

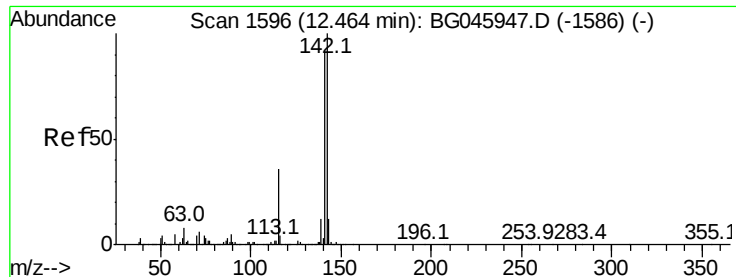


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.793 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

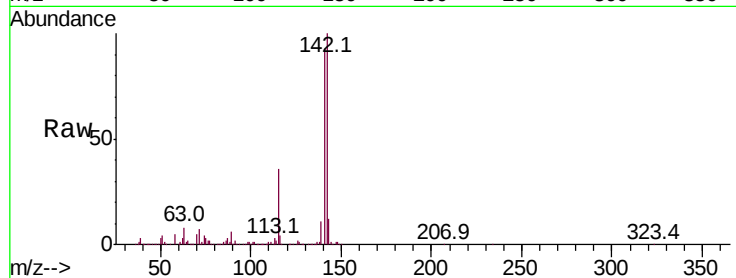
Tot Ion:142 Resp: 952821

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.6

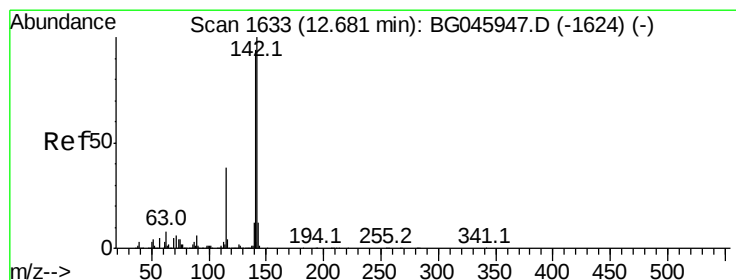
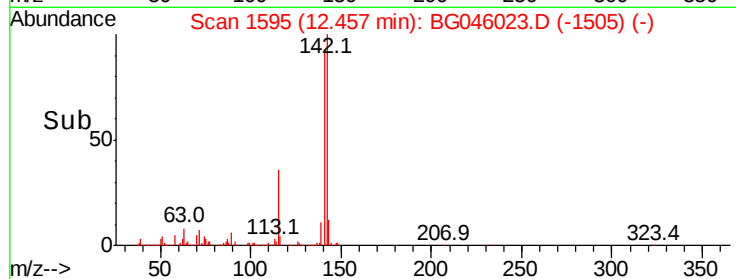
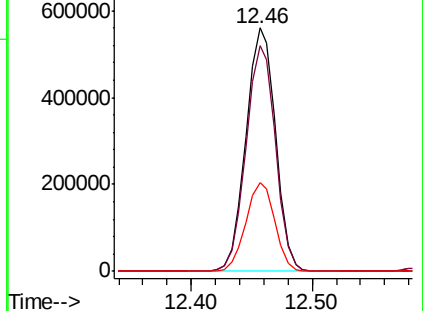
115 36.3 28.8 43.2



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: 42.426 ng

RT: 12.67 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

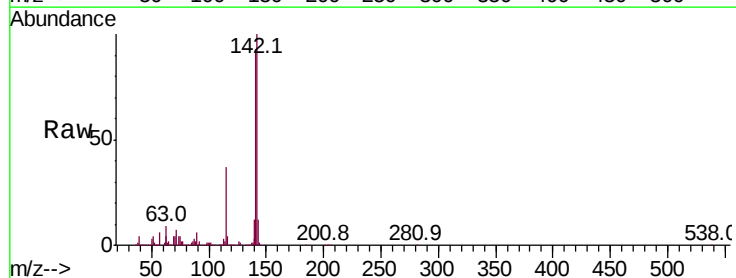
Tgt Ion:142 Resp: 912845

Ion Ratio Lower Upper

142 100

141 93.3 75.2 112.8

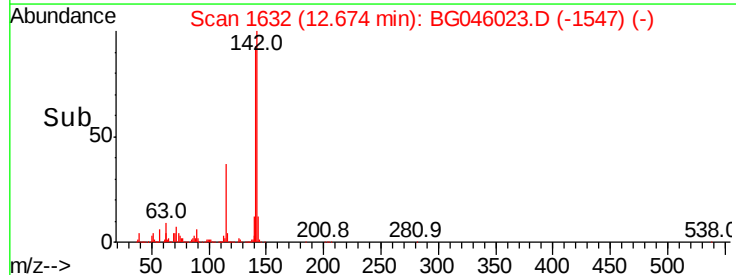
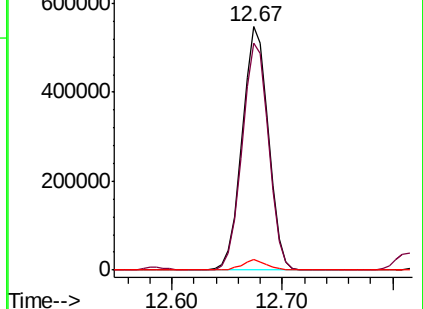
116 4.2 3.1 4.7

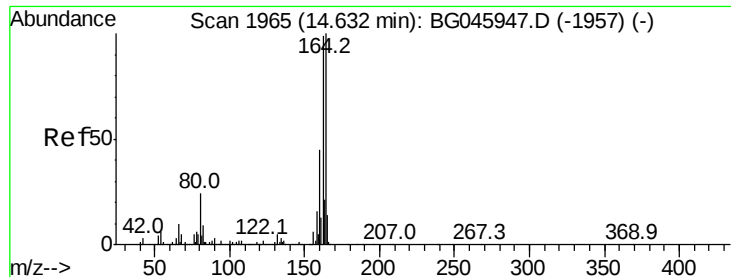


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.62 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

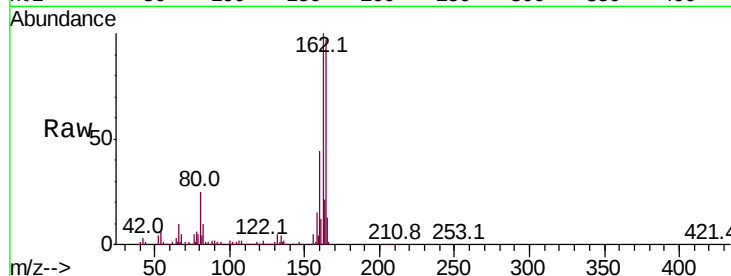
Tot Ion:164 Resp: 363287

Ion Ratio Lower Upper

164 100

162 103.3 79.3 118.9

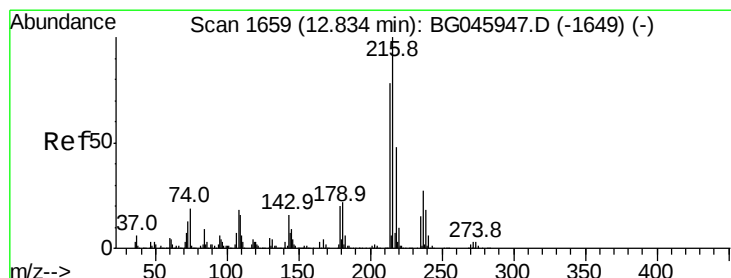
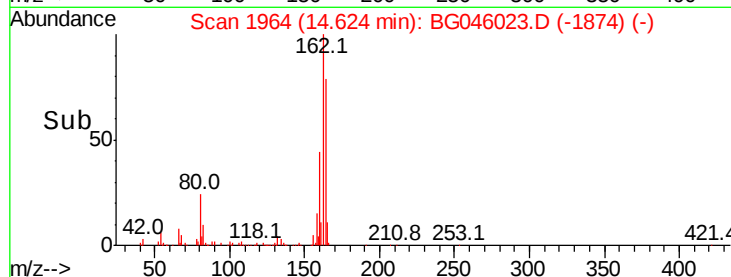
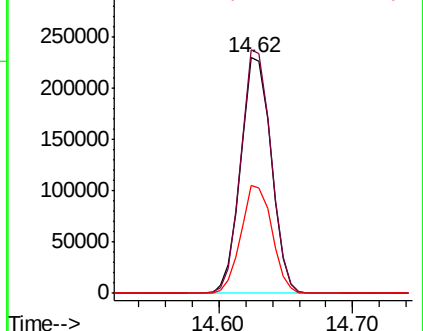
160 45.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.241 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:216 Resp: 412098

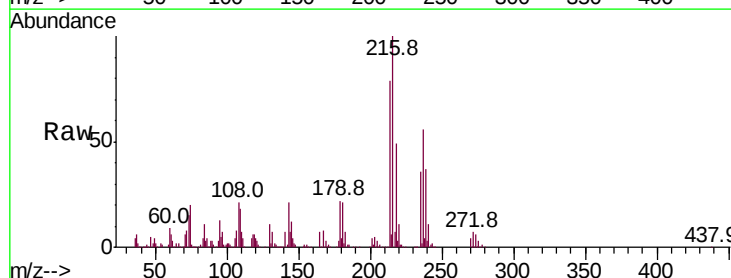
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.8 17.0 25.6

108 23.8 17.3 25.9

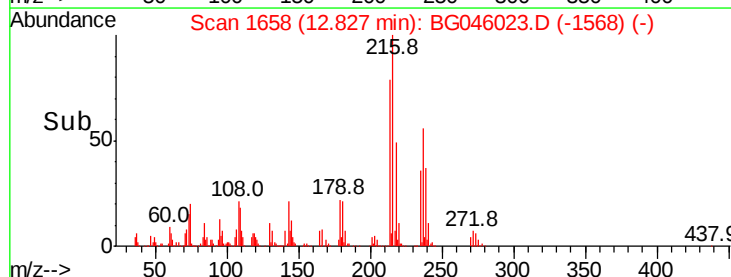
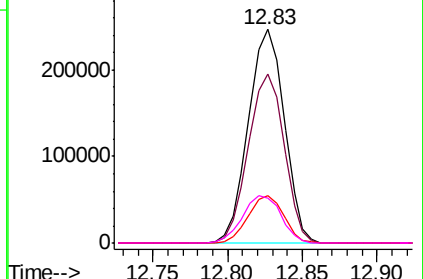


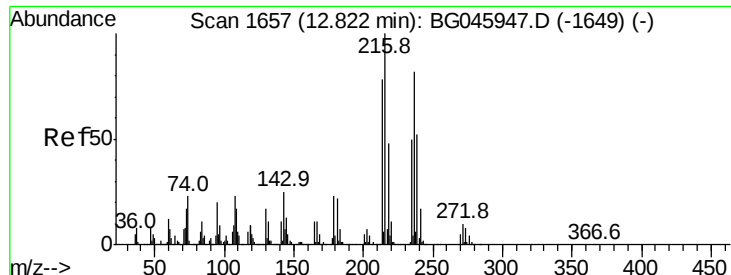
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.348 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

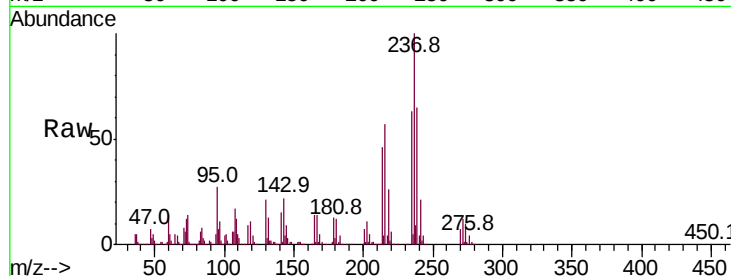
Tot Ion:237 Resp: 409243

Ion Ratio Lower Upper

237 100

235 62.7 41.5 81.5

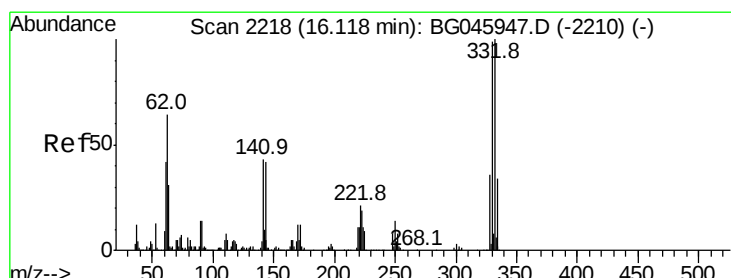
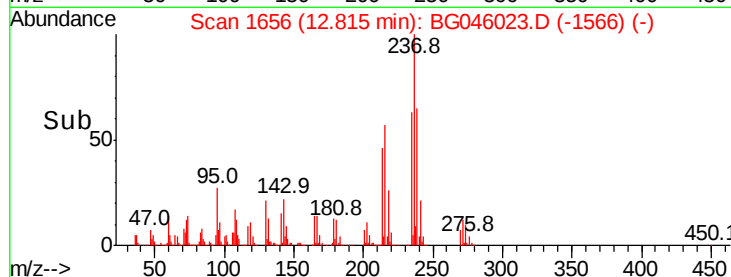
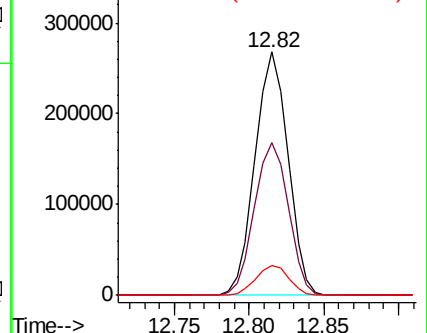
272 12.1 0.0 31.7



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: 88.919 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

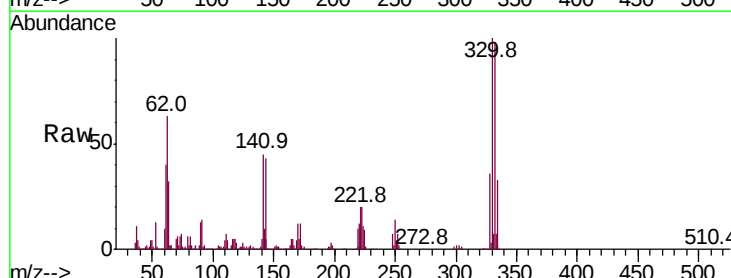
Tgt Ion:330 Resp: 299808

Ion Ratio Lower Upper

330 100

332 97.3 78.3 117.5

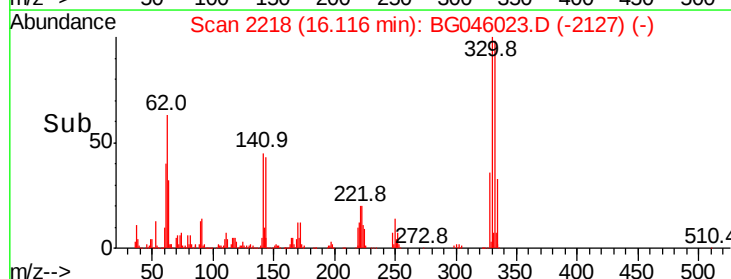
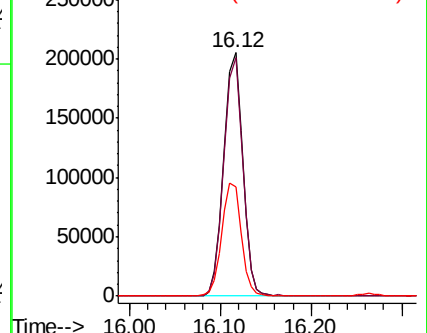
141 47.3 36.6 54.8

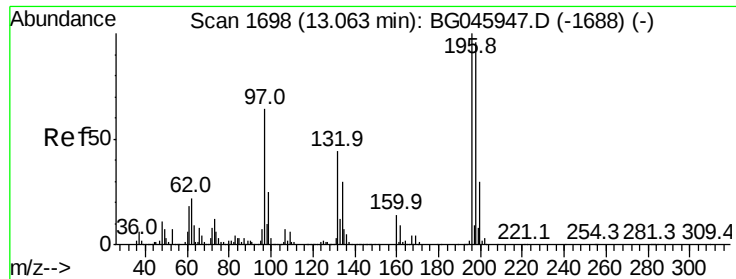


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

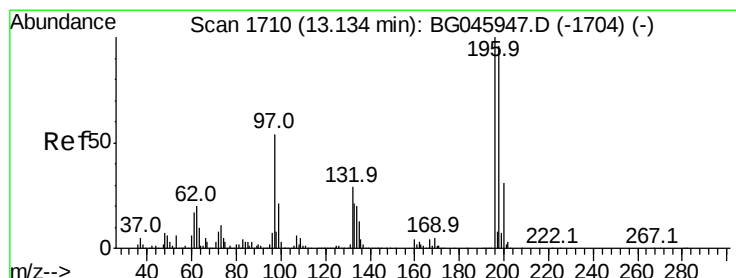
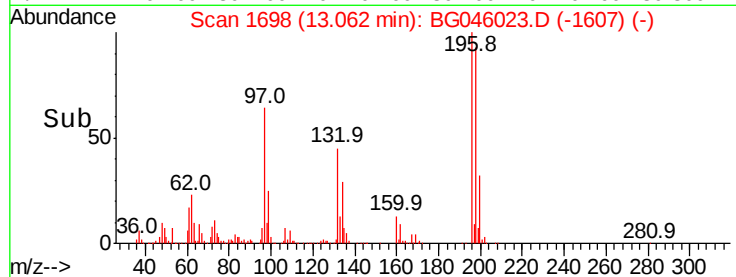
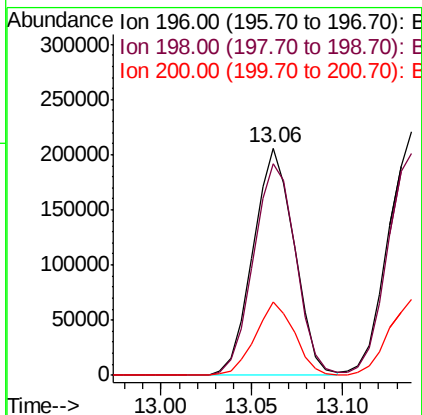
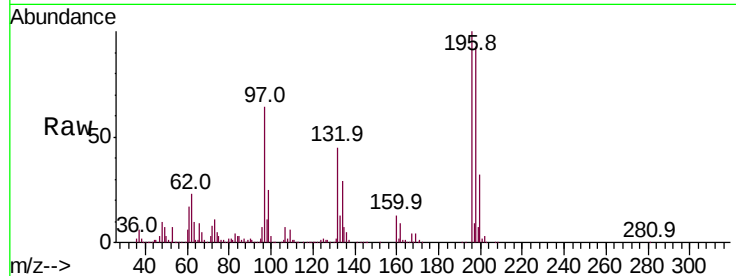




#43
 2,4,6-Trichlorophenol
 Concen: 46.841 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

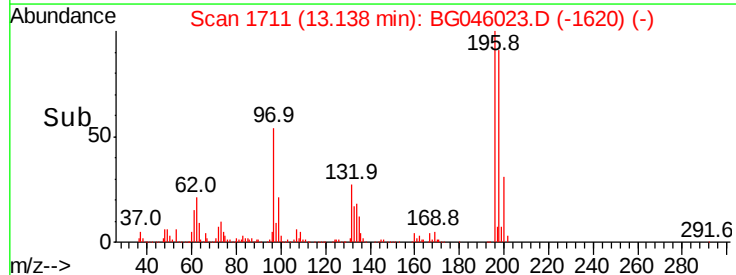
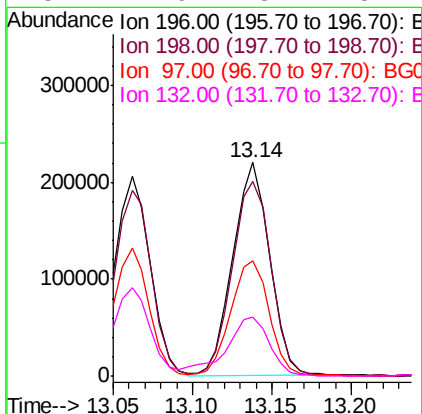
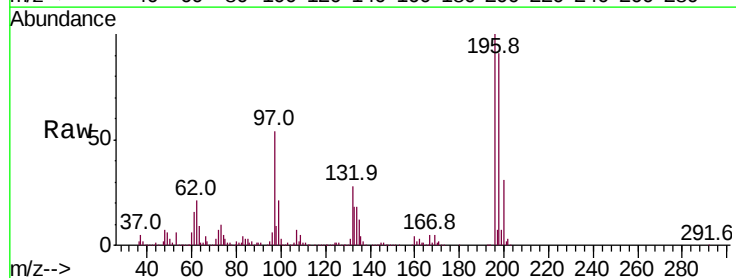
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

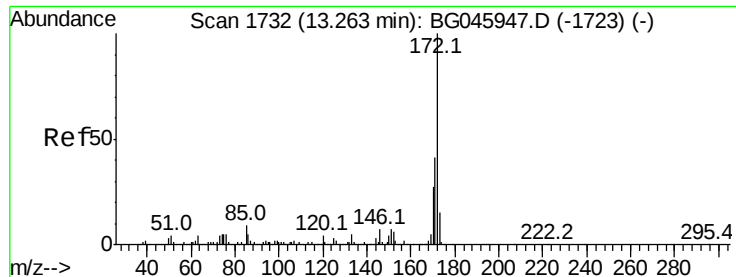
Tot Ion:196 Resp: 324413
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.7 115.1
 200 32.1 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.341 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion:196 Resp: 355058
 Ion Ratio Lower Upper
 196 100
 198 91.1 77.0 115.6
 97 53.8 44.3 66.5
 132 27.6 23.1 34.7

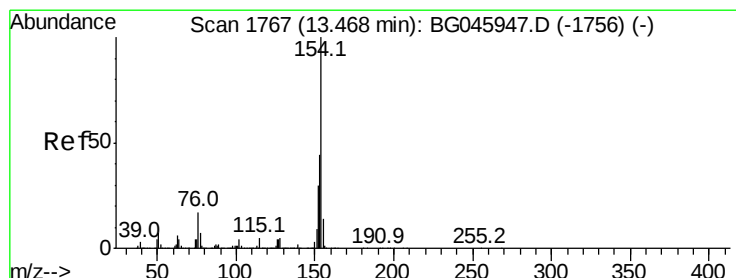
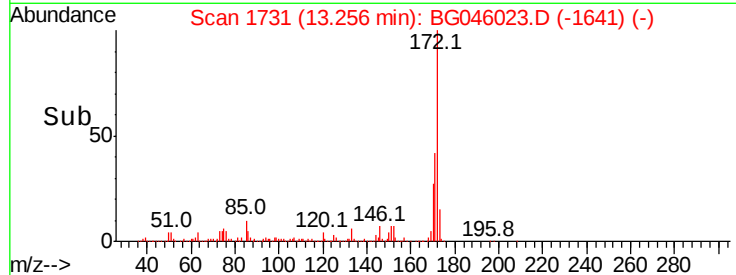
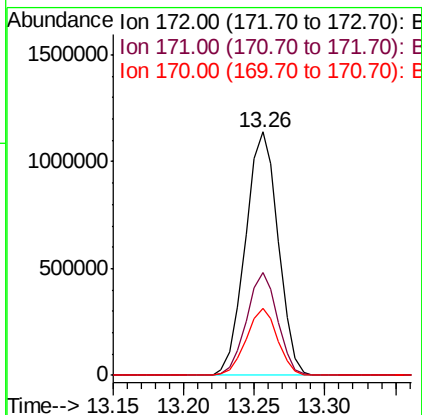
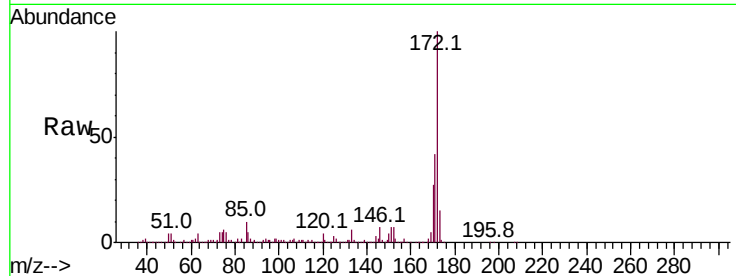




#45
2-Fluorobiphenyl
Concen: 79.660 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

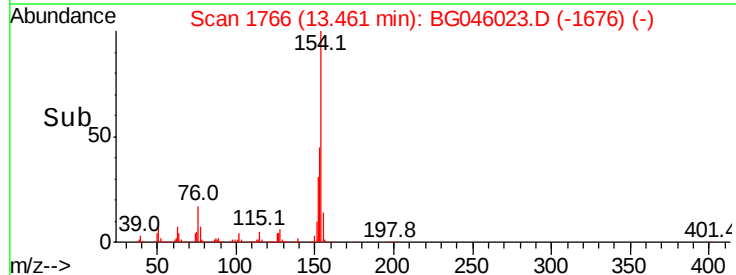
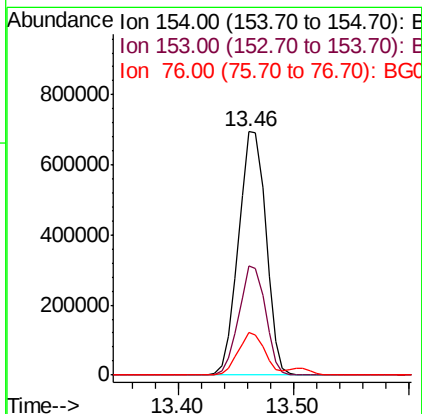
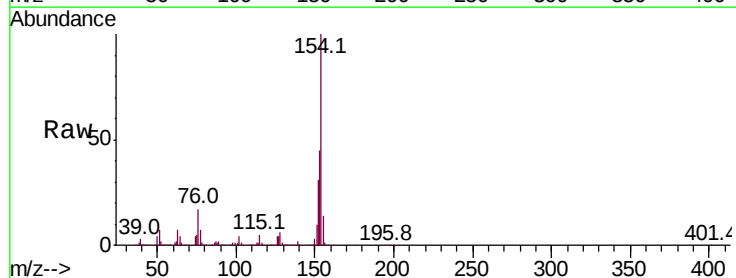
Instrument :
BNA_G
ClientSampleId :
PB130129BS

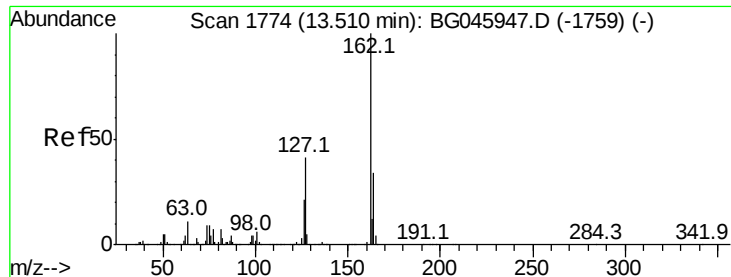
Tot Ion:172 Resp: 1855297
Ion Ratio Lower Upper
172 100
171 42.2 32.9 49.3
170 27.4 21.8 32.6



#46
1,1'-Biphenyl
Concen: 42.061 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:154 Resp: 1149464
Ion Ratio Lower Upper
154 100
153 44.6 23.6 63.6
76 17.3 0.0 36.9





#47

2-Chloronaphthalene

Concen: 40.707 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

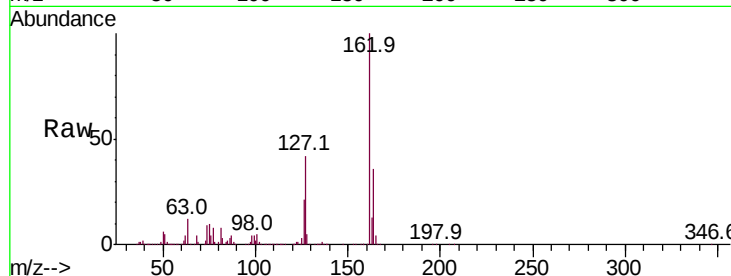
Tot Ion:162 Resp: 877753

Ion Ratio Lower Upper

162 100

127 42.1 32.5 48.7

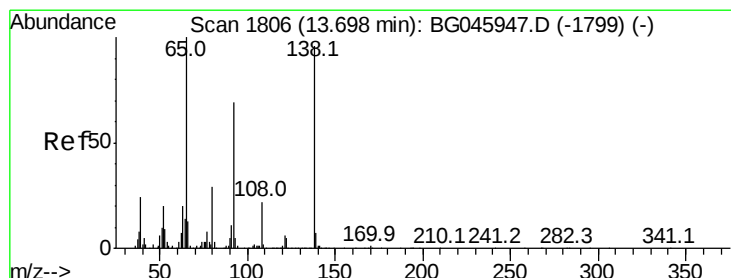
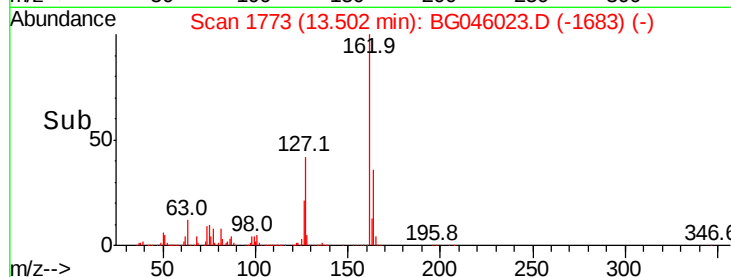
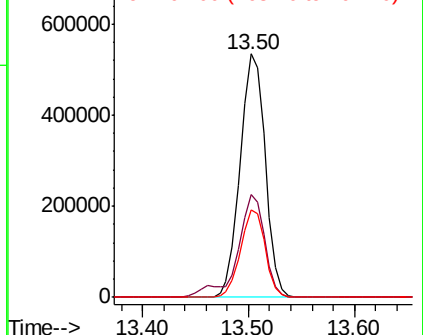
164 35.8 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 55.088 ng

RT: 13.70 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

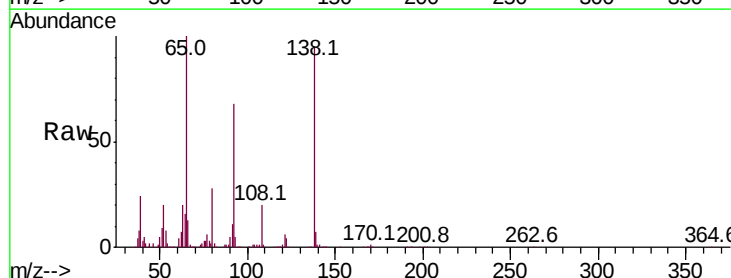
Tgt Ion: 65 Resp: 336234

Ion Ratio Lower Upper

65 100

92 68.2 55.4 83.0

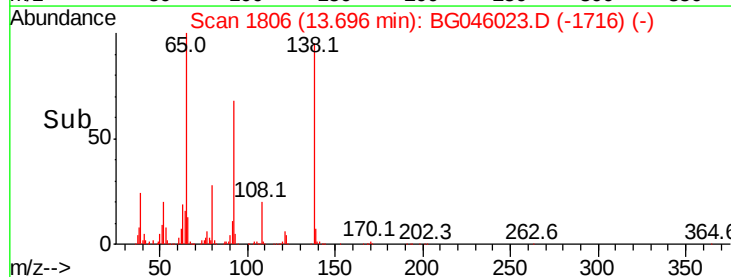
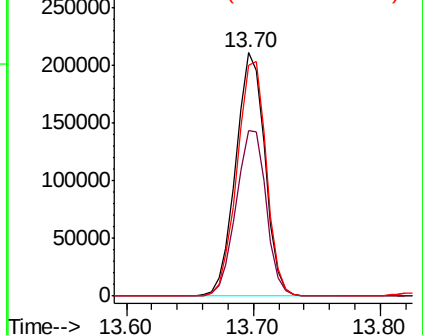
138 94.9 77.0 115.4

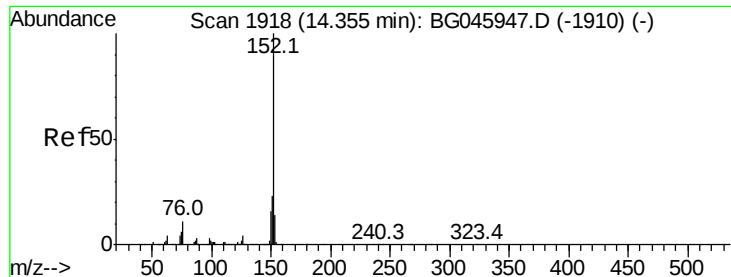


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.422 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

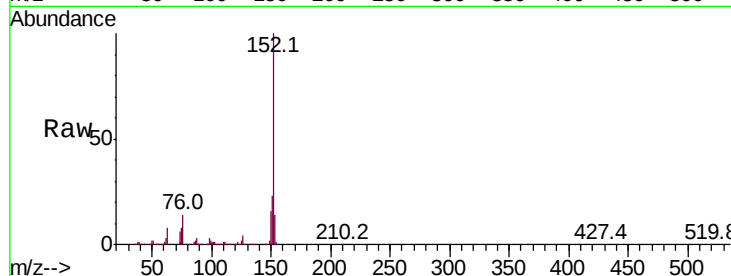
Tot Ion:152 Resp: 1441064

Ion Ratio Lower Upper

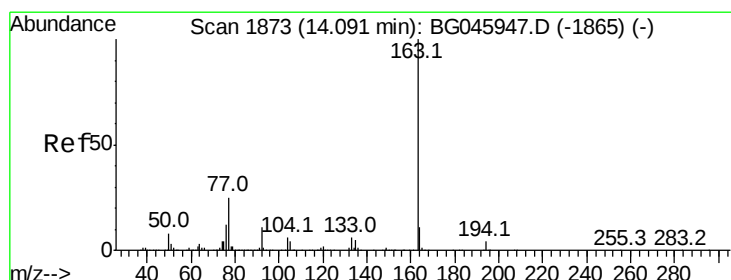
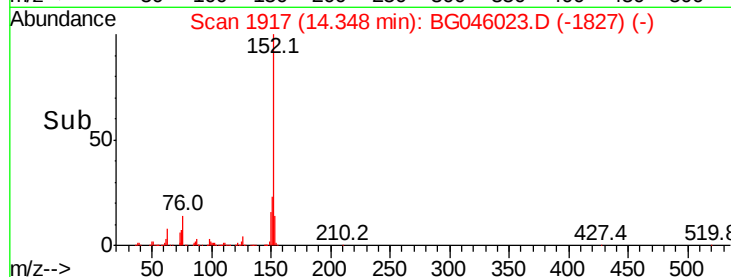
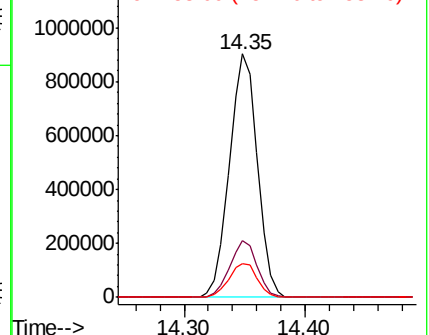
152 100

151 23.0 18.1 27.1

153 14.1 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: 41.547 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

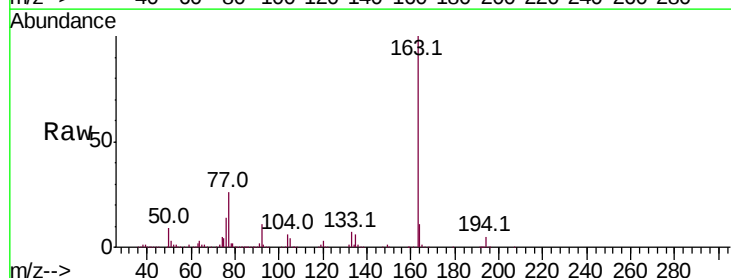
Tgt Ion:163 Resp: 1132735

Ion Ratio Lower Upper

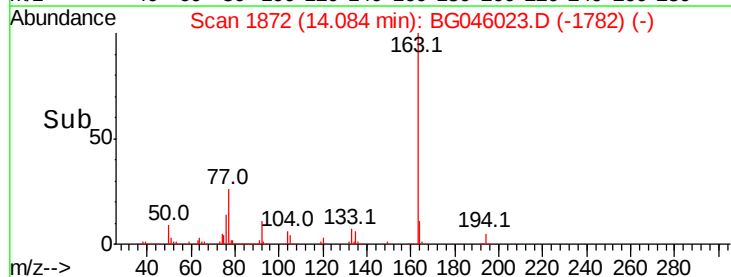
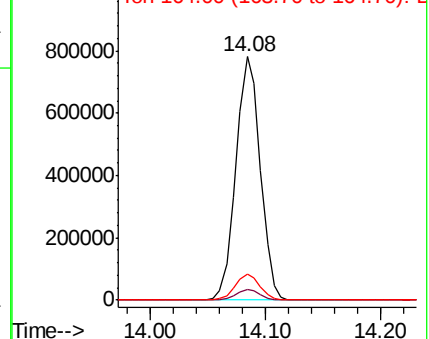
163 100

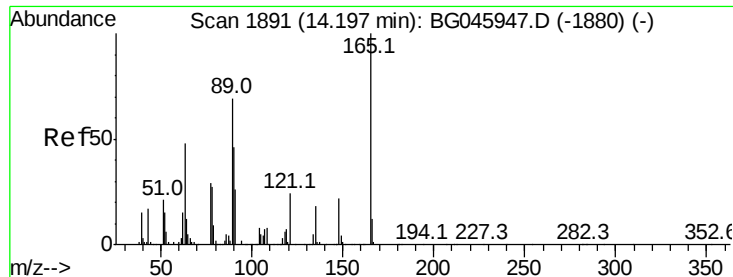
194 4.5 3.6 5.4

164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

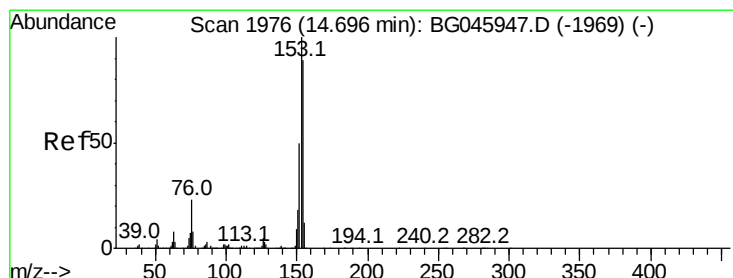
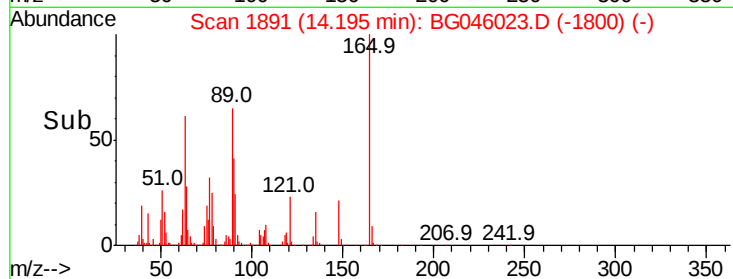
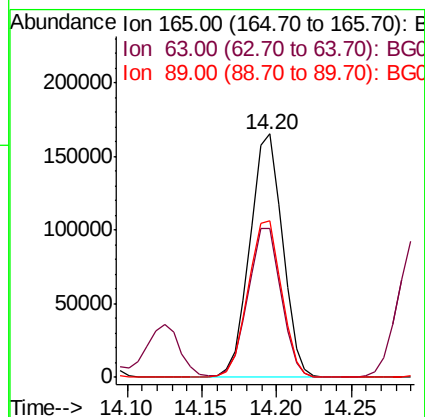
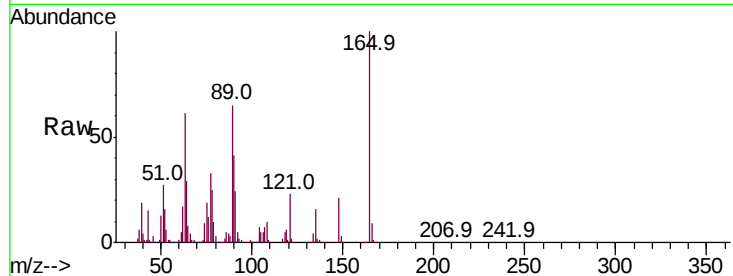




#51
 2,6-Dinitrotoluene
 Concen: 50.919 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

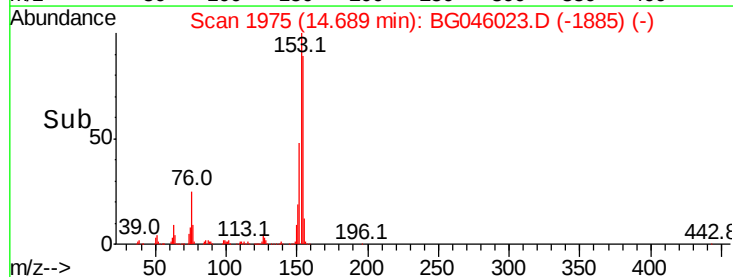
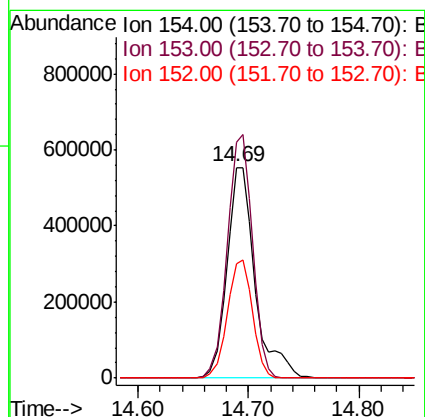
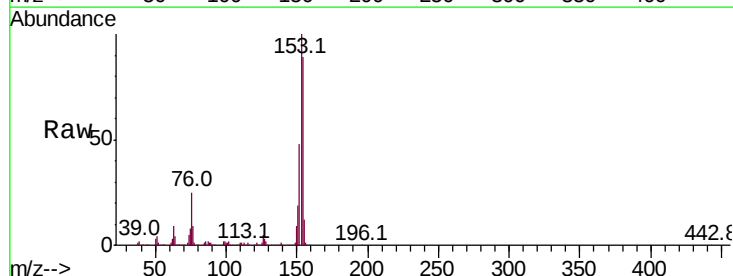
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

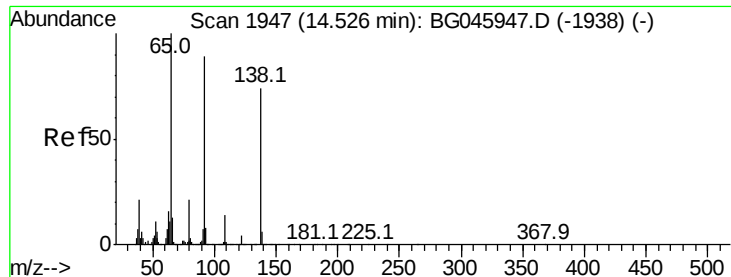
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.4	51.0	76.4
89	64.6	55.7	83.5



#52
 Acenaphthene
 Concen: 44.873 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.7	134.5
152	54.4	44.7	67.1

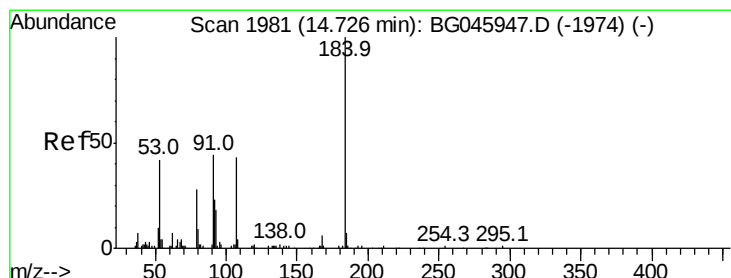
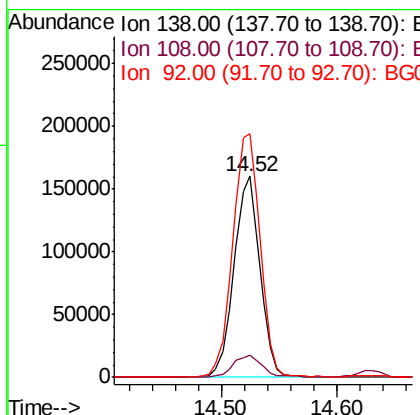
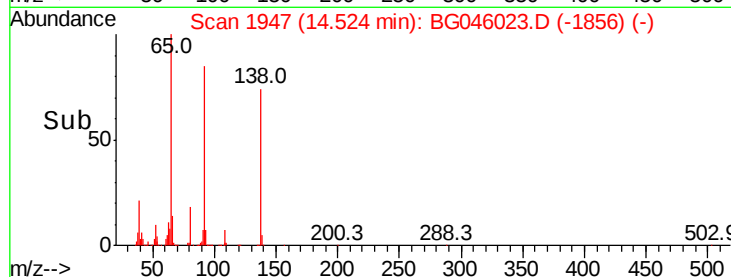
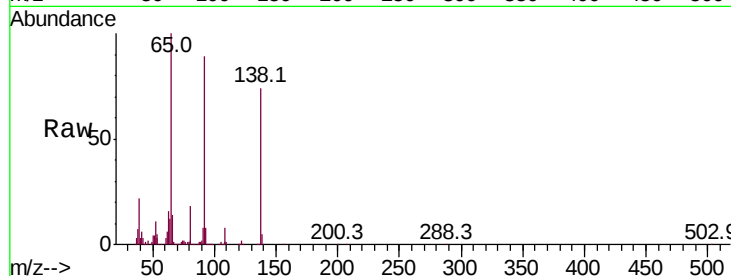




#53
3-Nitroaniline
Concen: 42.037 ng
RT: 14.52 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

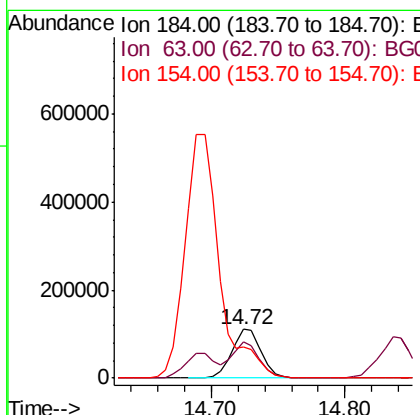
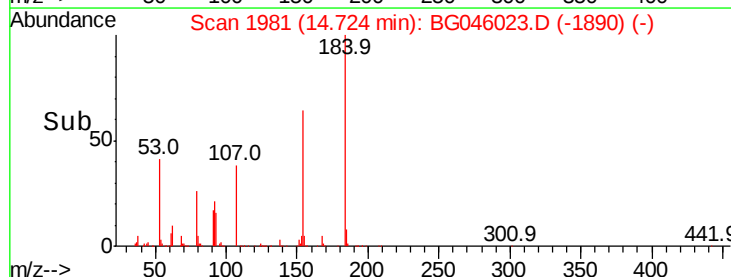
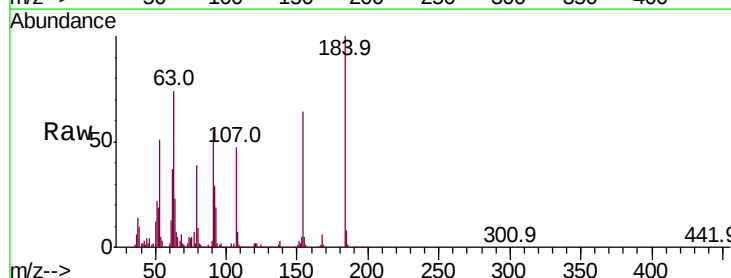
Instrument :
BNA_G
ClientSampleId :
PB130129BS

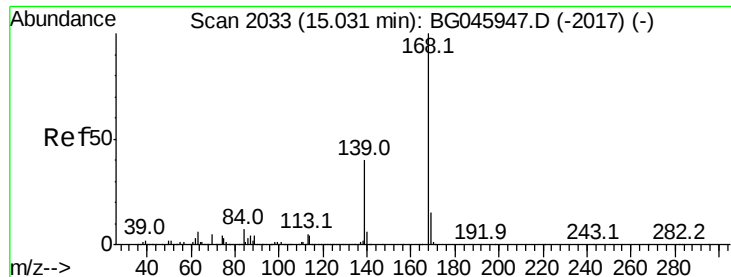
Tot Ion:138 Resp: 249160
Ion Ratio Lower Upper
138 100
108 10.9 15.4 23.2#
92 121.0 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 92.168 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:184 Resp: 169972
Ion Ratio Lower Upper
184 100
63 74.1 46.0 69.0#
154 64.4 58.2 87.2





#55

Dibenzofuran

Concen: 41.652 ng

RT: 15.02 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

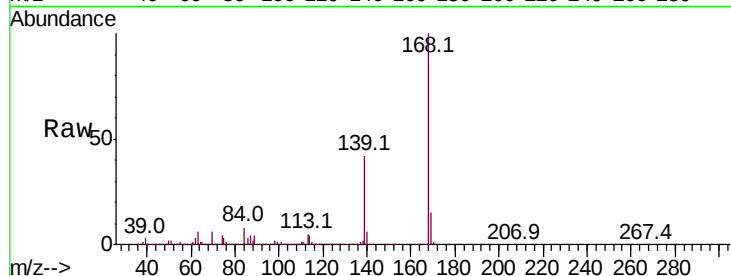
Tot Ion:168 Resp: 1339801

Ion Ratio Lower Upper

168 100

139 42.0 32.2 48.2

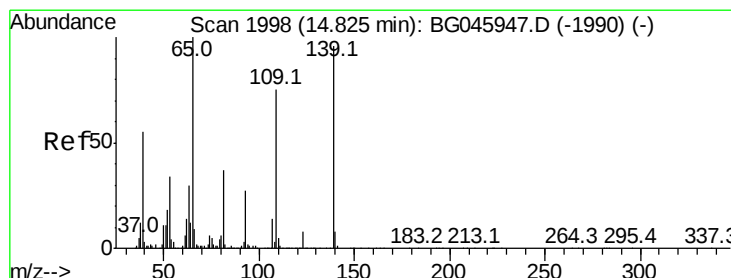
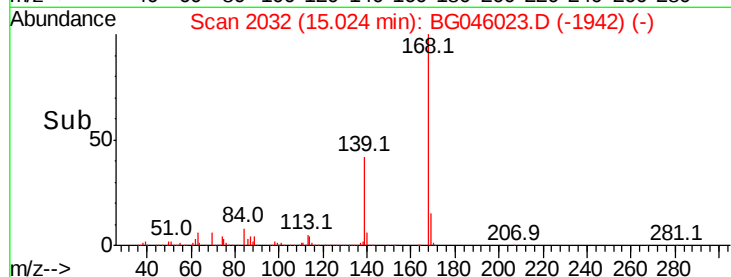
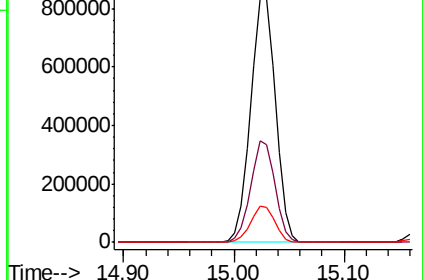
169 14.7 11.8 17.8



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: 107.409 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

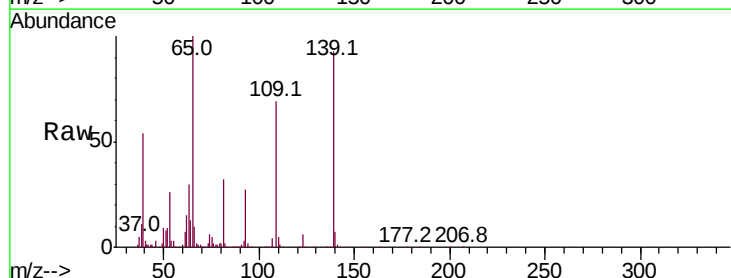
Tgt Ion:139 Resp: 477091

Ion Ratio Lower Upper

139 100

109 74.8 58.5 98.5

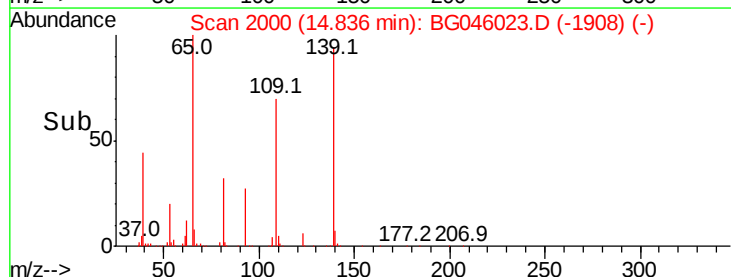
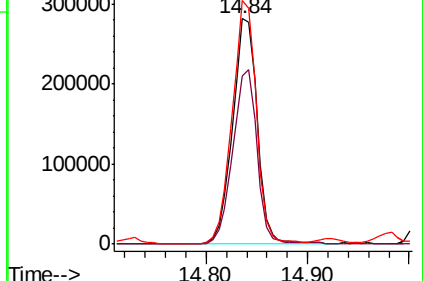
65 108.0 84.7 124.7

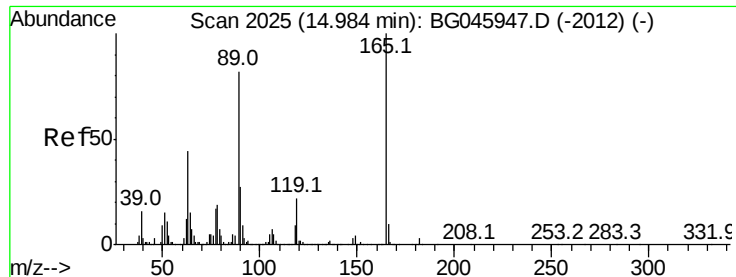


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

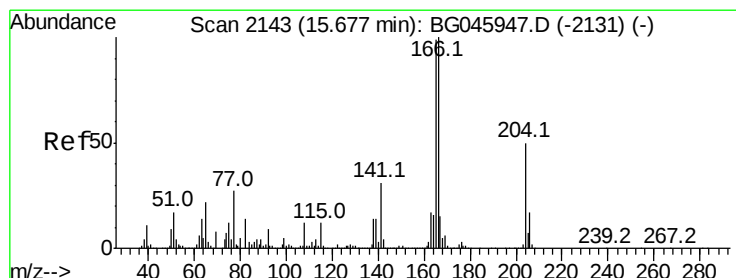
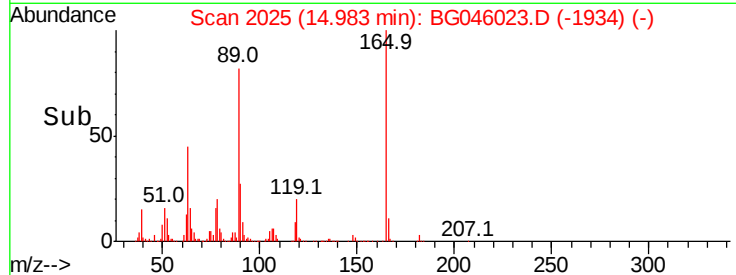
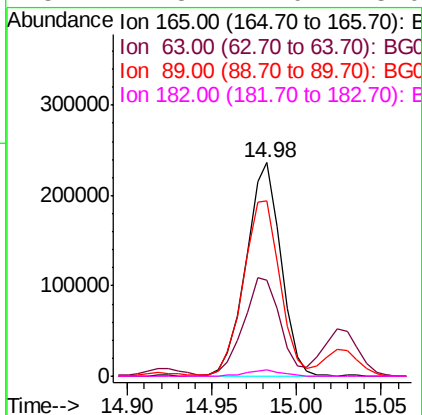
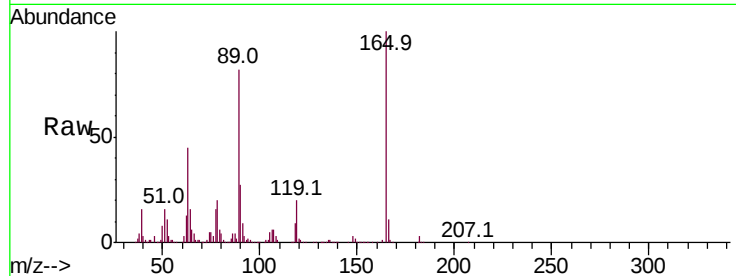




#57
2,4-Dinitrotoluene
Concen: 53.540 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

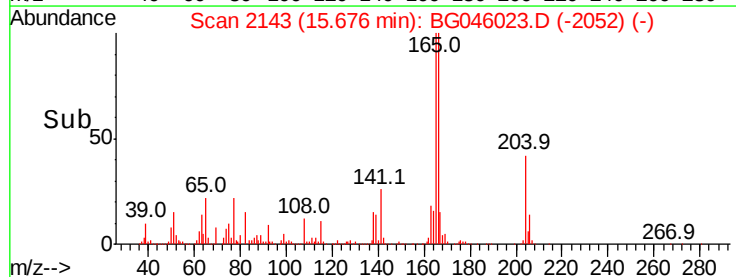
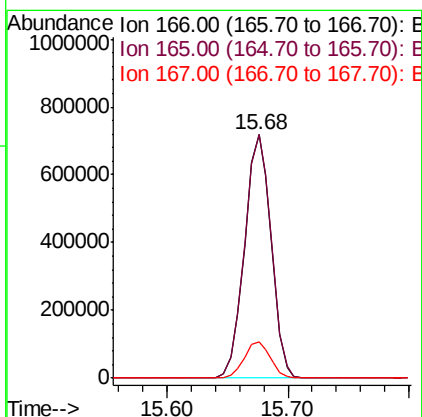
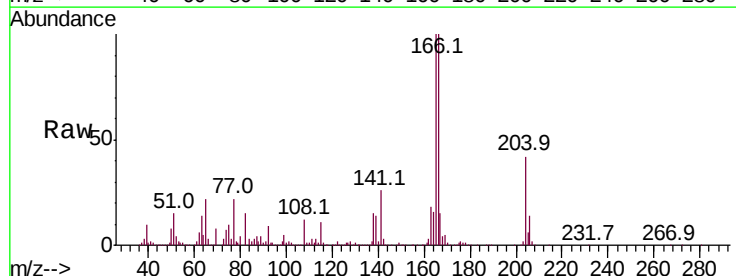
Instrument :
BNA_G
ClientSampleId :
PB130129BS

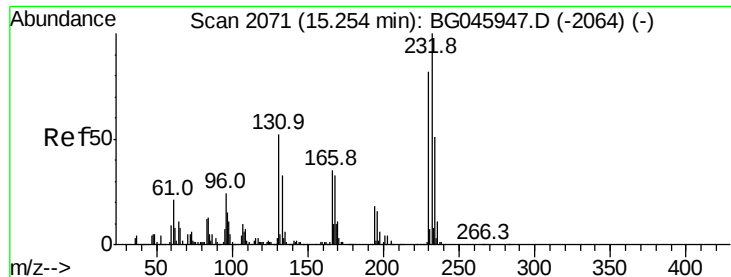
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	35.4	53.0
89	82.0	65.4	98.2
182	2.8	2.0	3.0



#58
Fluorene
Concen: 41.672 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.9	118.3
167	14.8	12.1	18.1

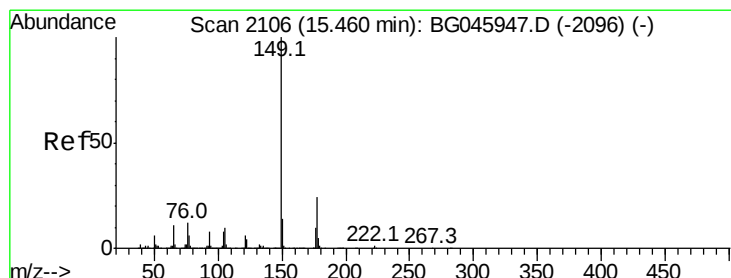
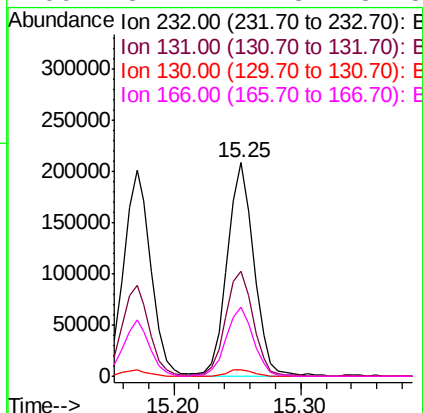
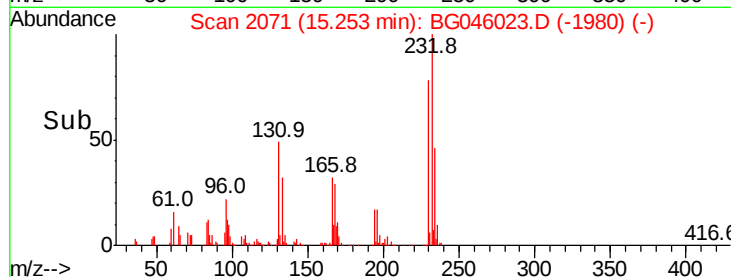
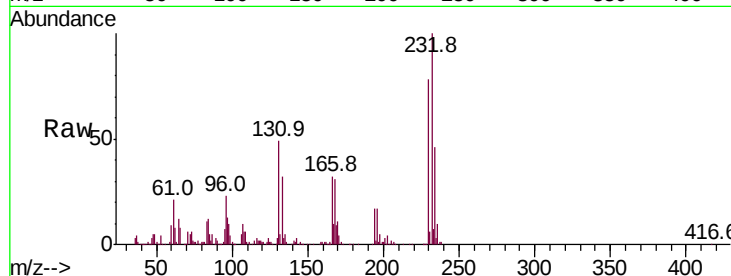




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.723 ng
RT: 15.25 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

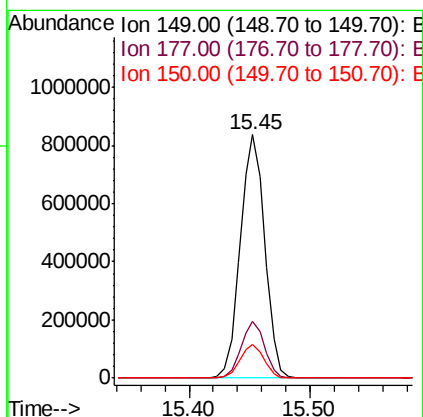
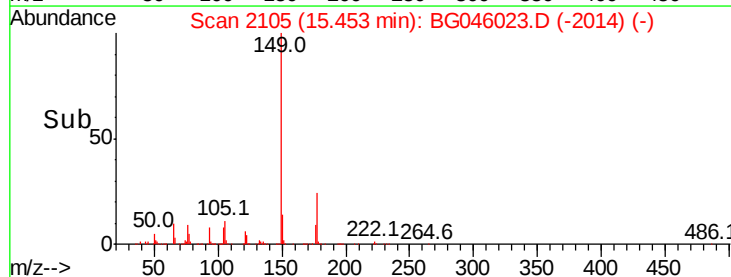
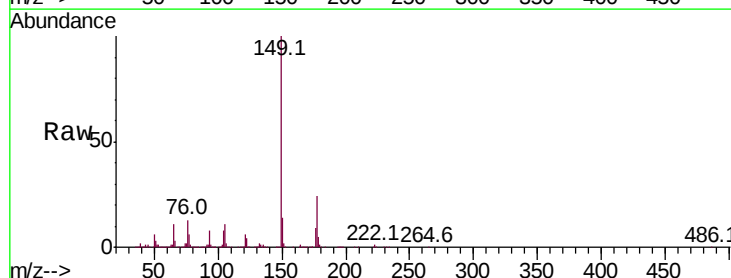
Instrument :
BNA_G
ClientSampleId :
PB130129BS

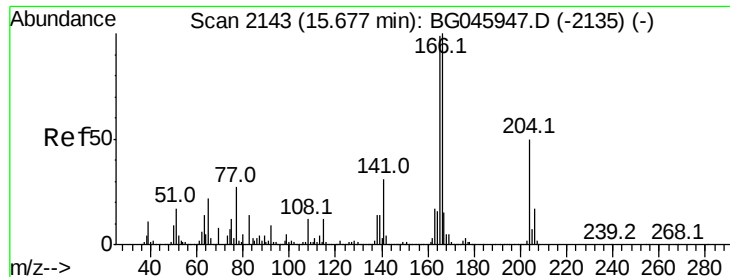
Tot Ion:232 Resp: 300624
Ion Ratio Lower Upper
232 100
131 51.2 35.8 53.6
130 3.0 2.5 3.7
166 32.7 21.8 32.8



#60
Diethylphthalate
Concen: 41.289 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:149 Resp: 1180557
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.4
150 13.7 11.0 16.4

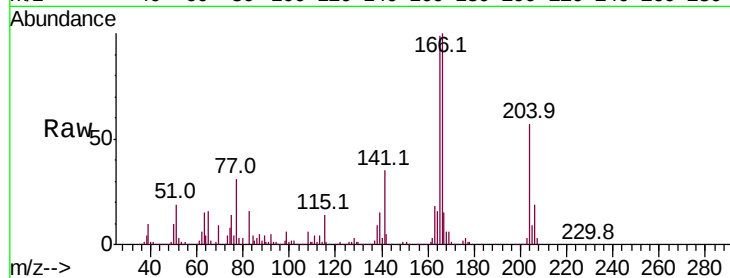




#61
4-Chlorophenyl-phenylether
Concen: 40.230 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	62.2	49.8	74.8

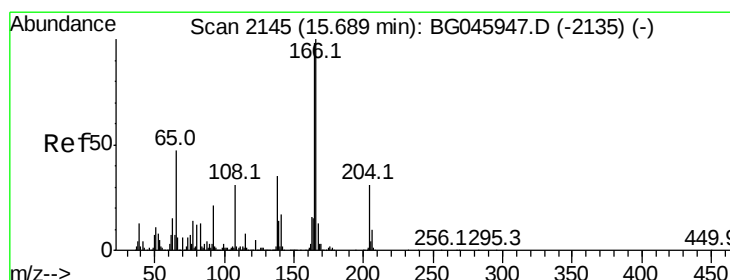
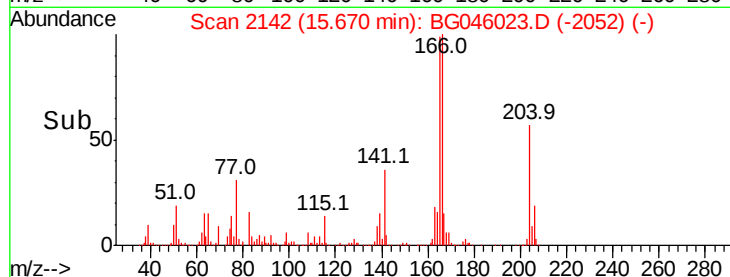
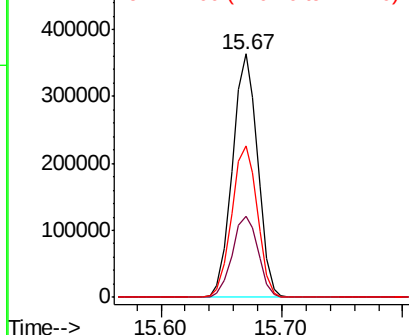


Abundance

Ion 204.00 (203.70 to 204.70): E

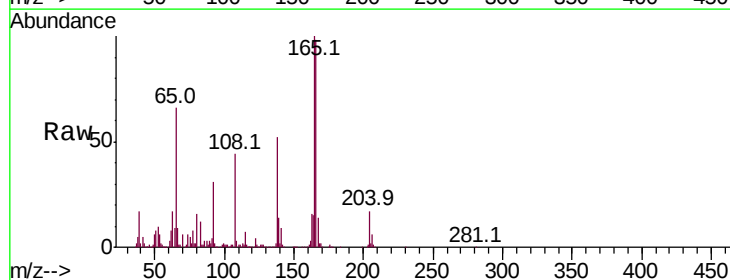
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 53.102 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.0	40.3	80.3
108	86.3	68.0	108.0

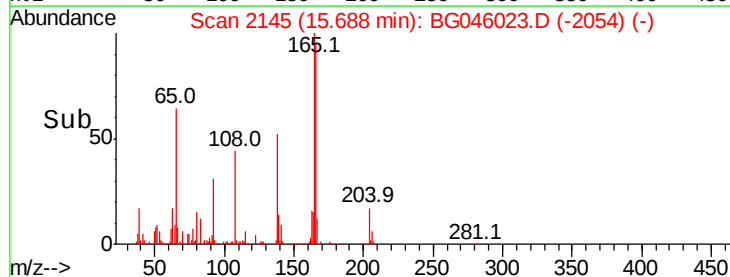
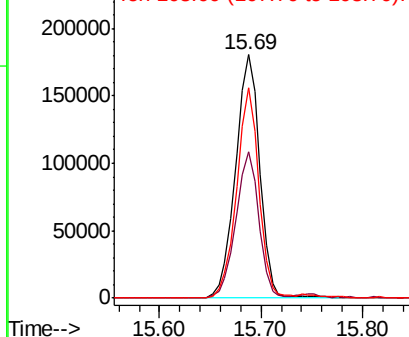


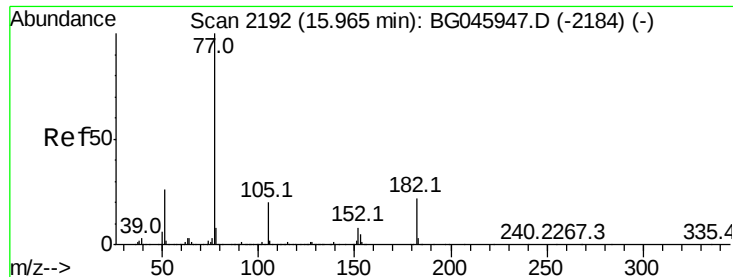
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.857 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

Tot Ion: 77 Resp: 1345882

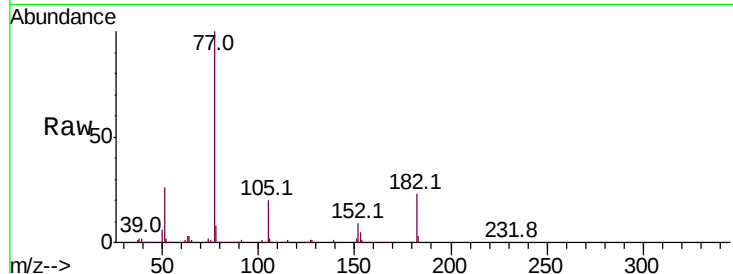
Ion Ratio Lower Upper

77 100

182 23.2 2.4 42.4

105 20.3 0.3 40.3

51 26.0 6.3 46.3

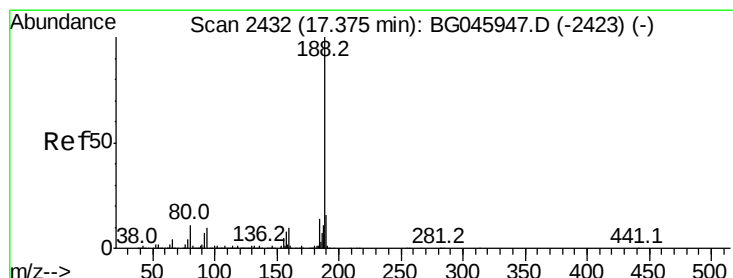
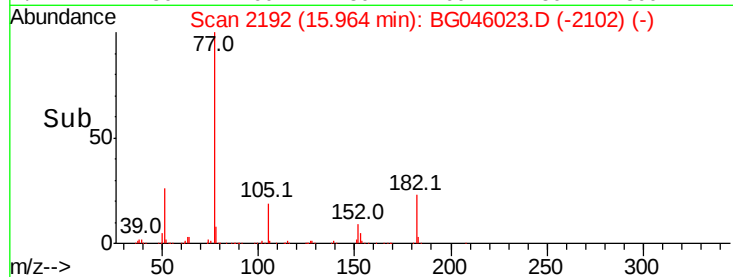
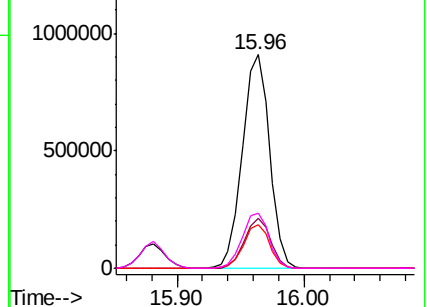


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

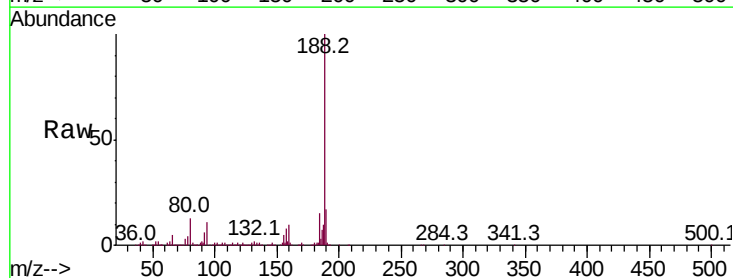
Tgt Ion: 188 Resp: 764950

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.4

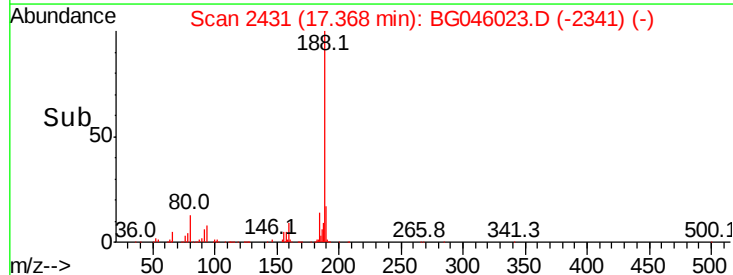
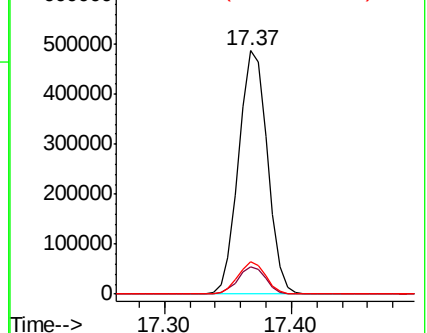
80 13.5 9.0 13.6

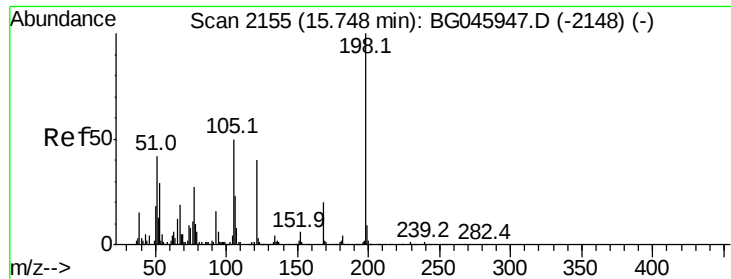


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.865 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

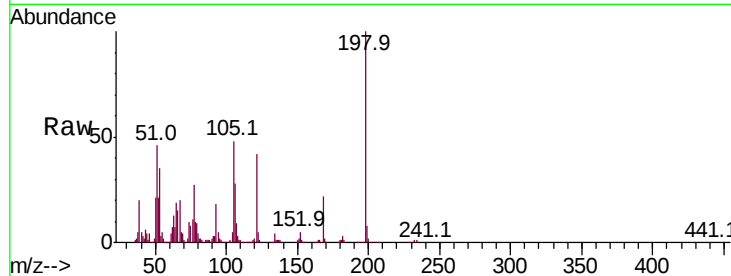
Tot Ion:198 Resp: 135215

Ion Ratio Lower Upper

198 100

51 45.9 24.5 64.5

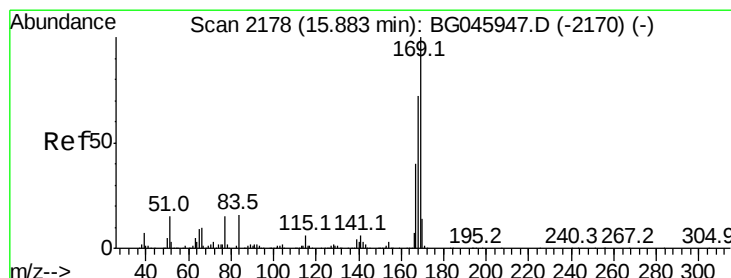
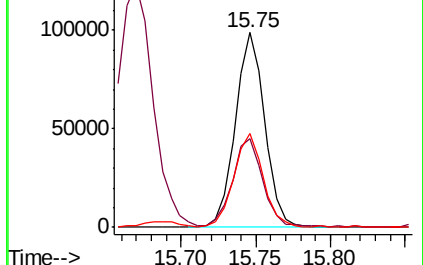
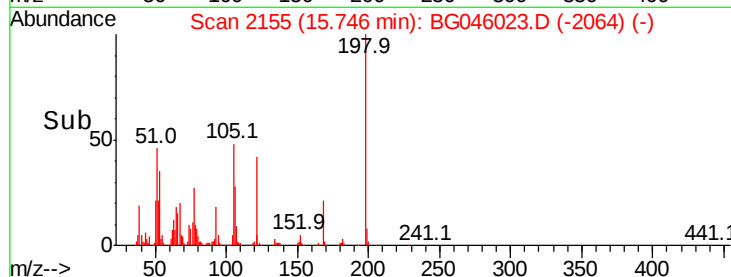
105 48.3 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.376 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

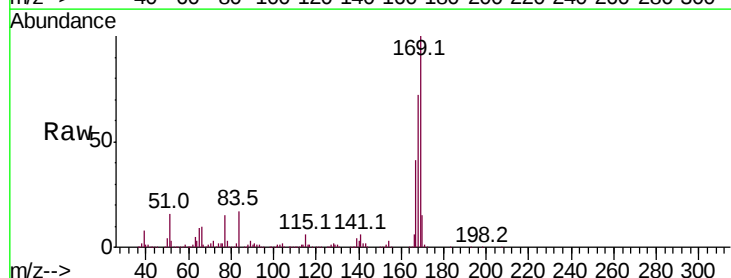
Tgt Ion:169 Resp: 1004502

Ion Ratio Lower Upper

169 100

168 72.3 57.3 85.9

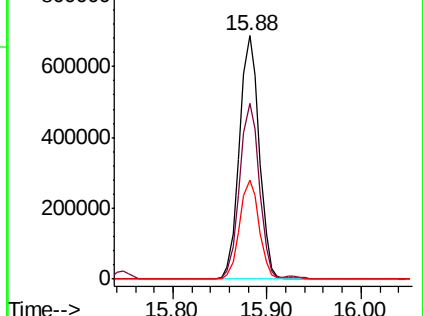
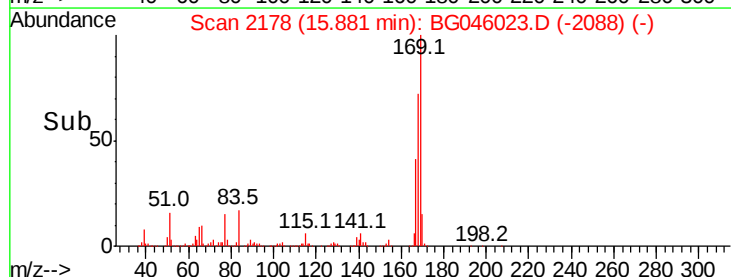
167 40.8 32.1 48.1

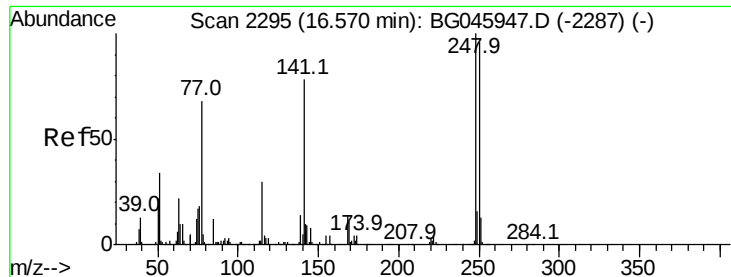


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

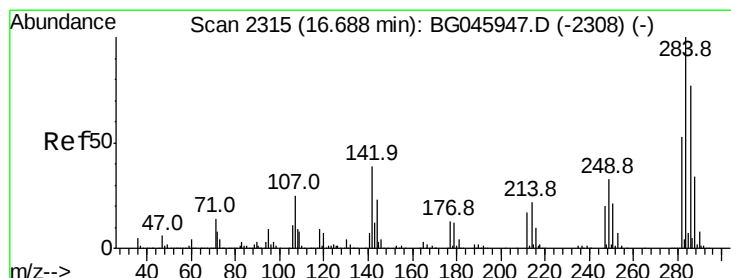
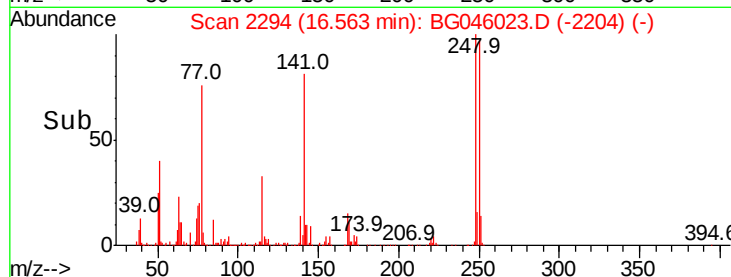
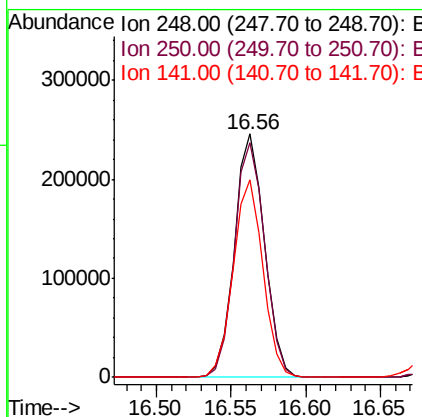
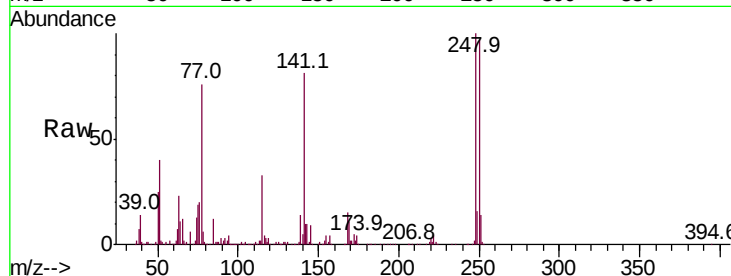




#67
4-Bromophenyl-phenylether
Concen: 40.177 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

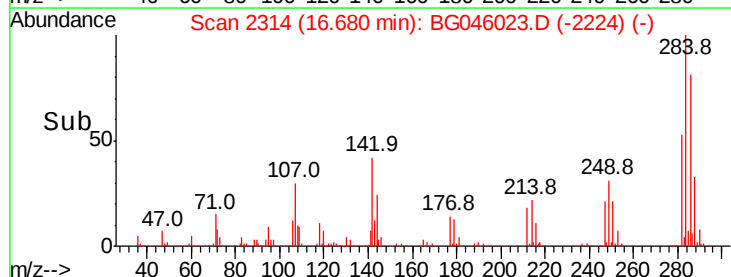
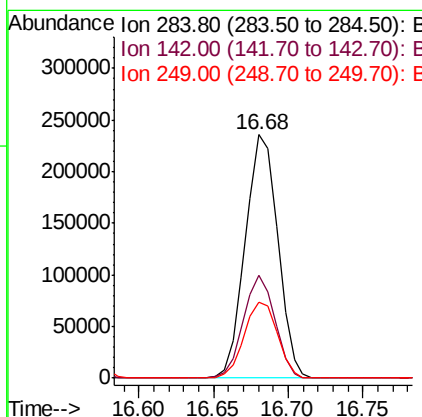
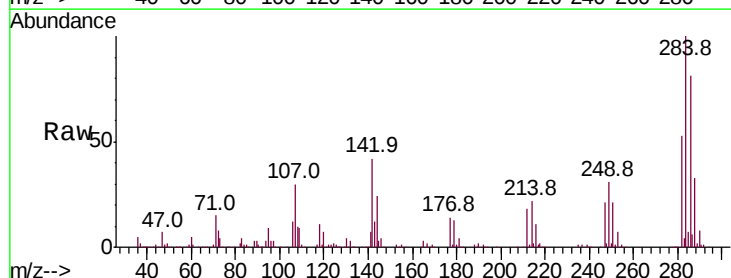
Instrument :
BNA_G
ClientSampleId :
PB130129BS

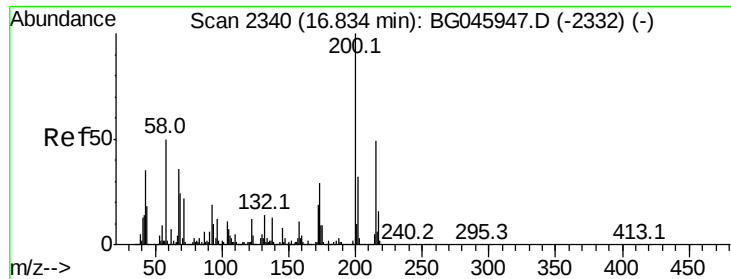
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	81.4	62.7	94.1



#68
Hexachlorobenzene
Concen: 41.499 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.3	31.3	46.9
249	31.2	26.8	40.2

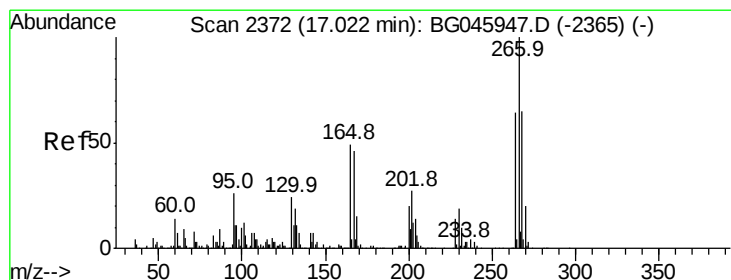
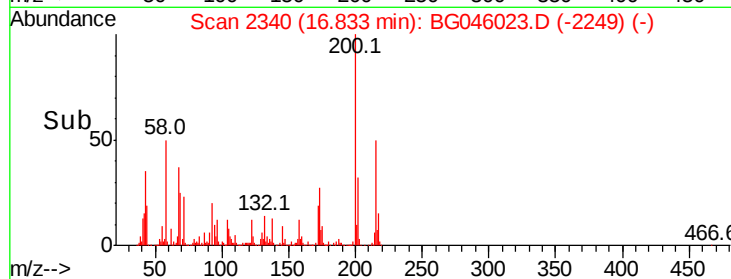
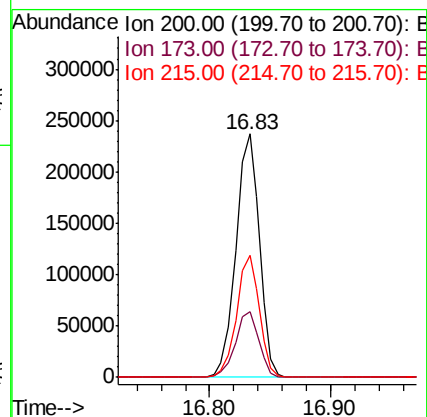
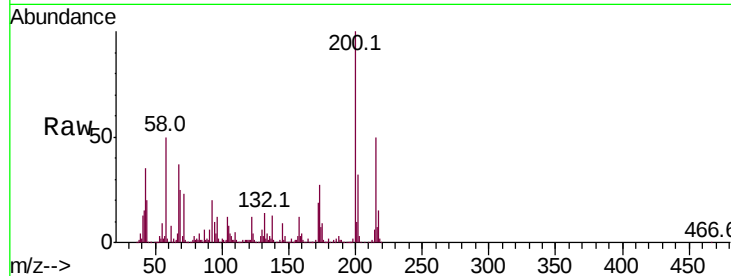




#69
 Atrazine
 Concen: 45.729 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

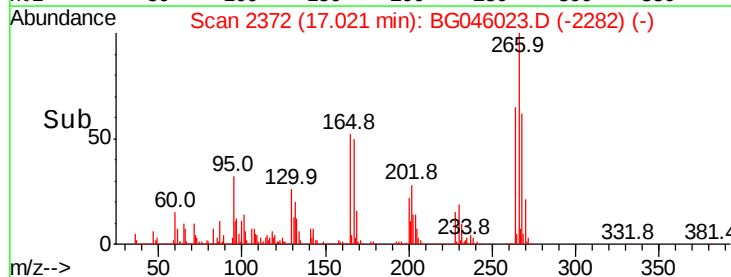
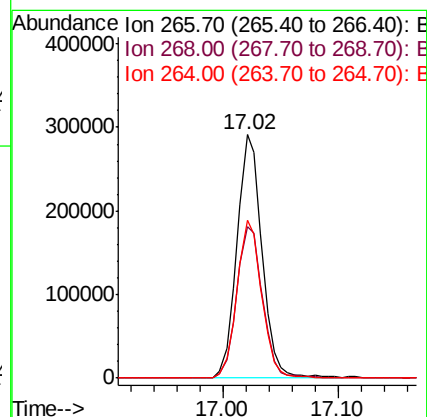
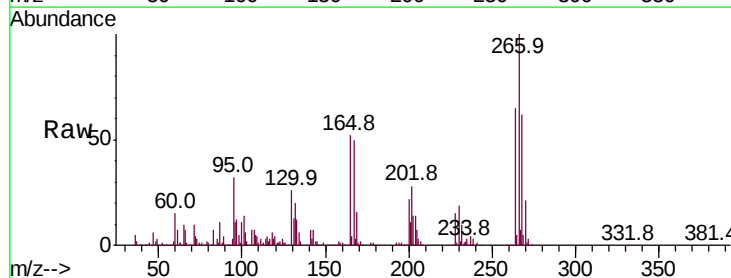
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

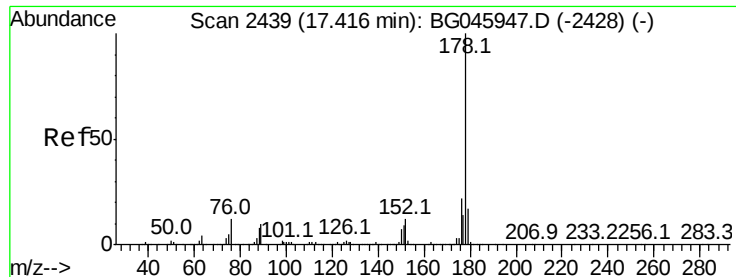
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.1	49.1
215	50.0	28.8	68.8



#70
 Pentachlorophenol
 Concen: 91.907 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.8	77.8
264	64.8	51.4	77.0

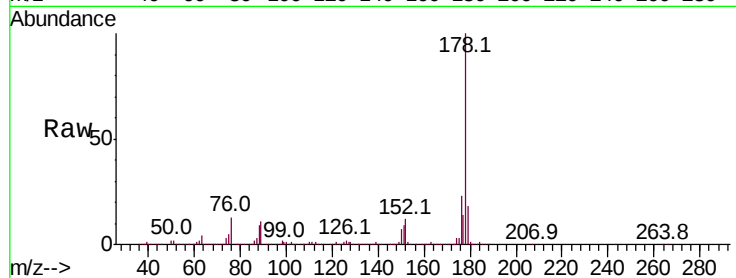




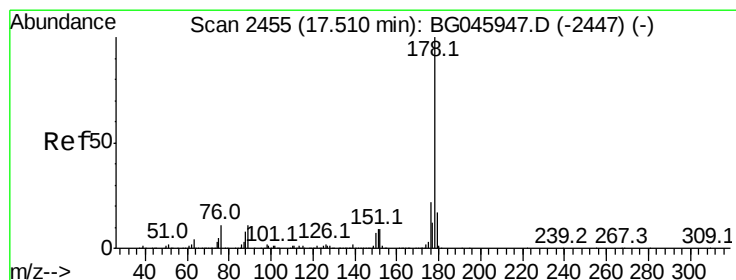
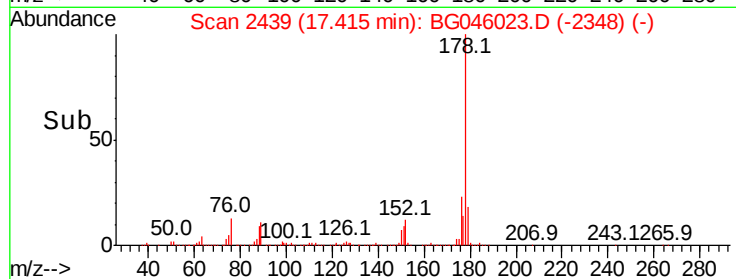
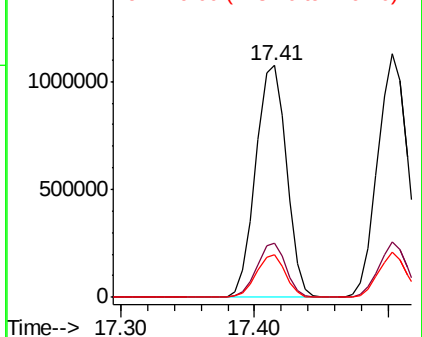
#71
Phenanthrene
Concen: 42.331 ng
RT: 17.41 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion:178 Resp: 1711914
Ion Ratio Lower Upper
178 100
176 23.2 17.4 26.2
179 18.3 13.4 20.2

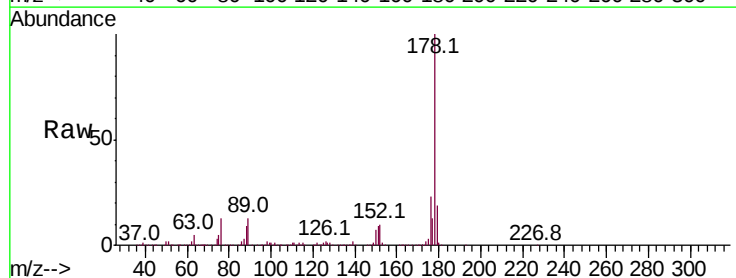


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

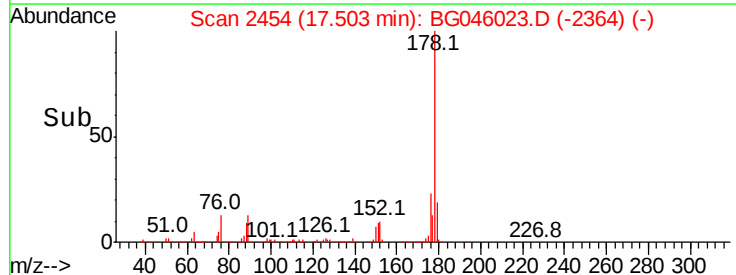
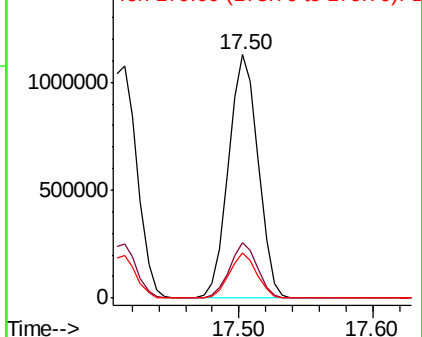


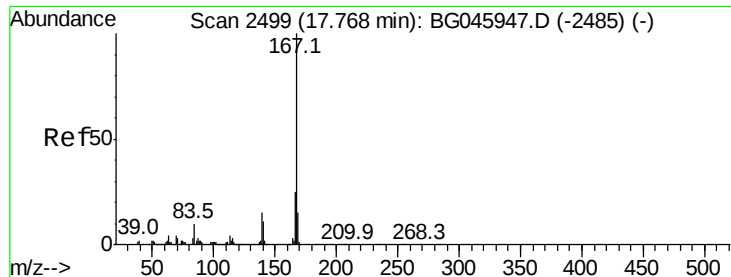
#72
Anthracene
Concen: 42.501 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:178 Resp: 1744271
Ion Ratio Lower Upper
178 100
176 22.6 17.2 25.8
179 18.5 14.0 21.0



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





#73

Carbazole

Concen: 40.914 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

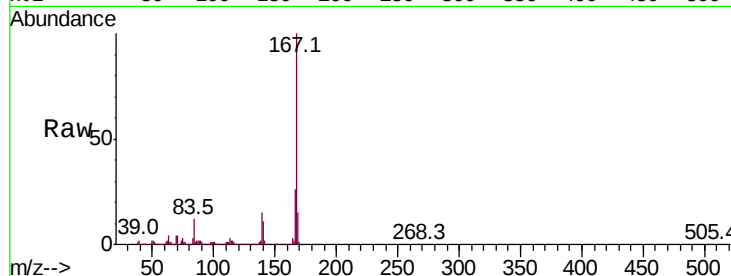
BNA_G

ClientSampleId :

PB130129BS

Tot Ion:167 Resp: 1683069

Ion	Ratio	Lower	Upper
167	100		
166	25.6	20.4	30.6
139	14.8	11.8	17.8

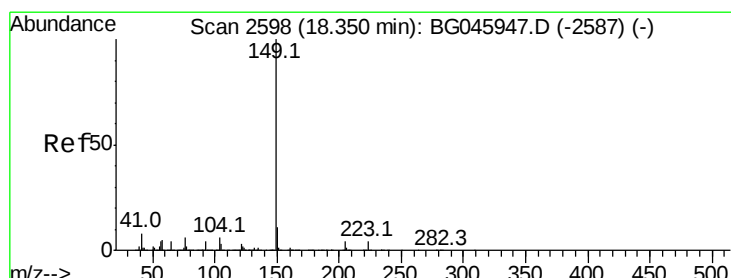
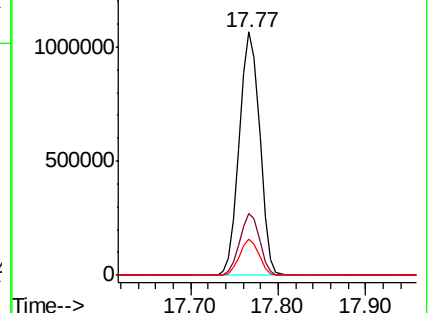
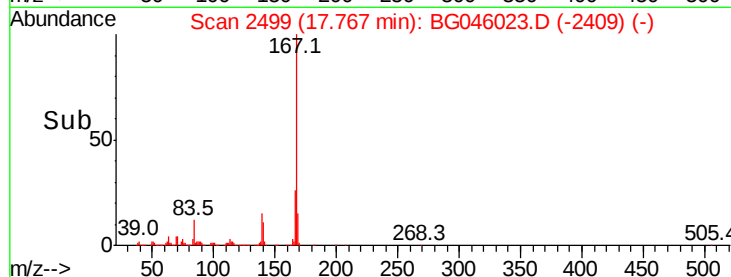


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.394 ng

RT: 18.34 min Scan# 2597

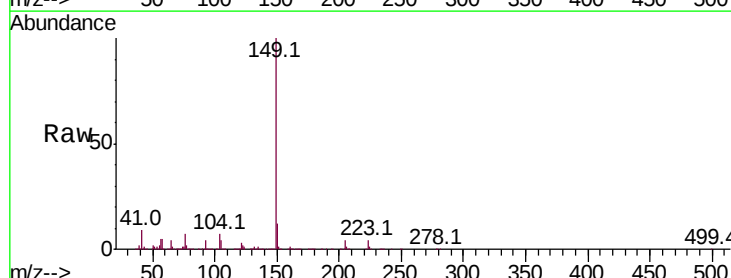
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:149 Resp: 2008019

Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.0	13.4
104	6.8	5.2	7.8

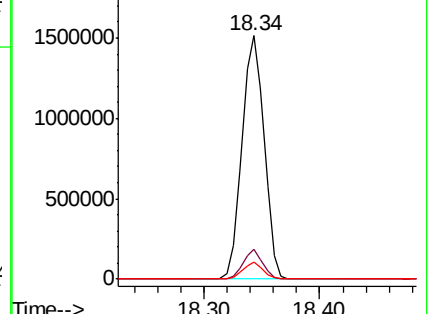
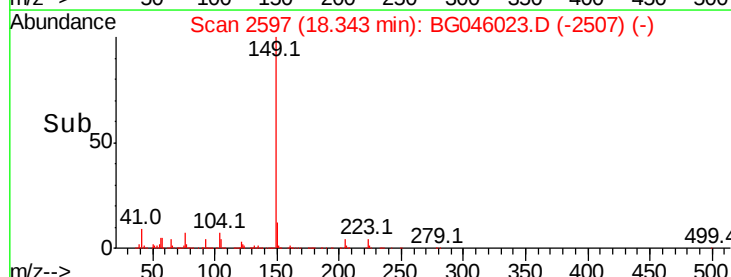


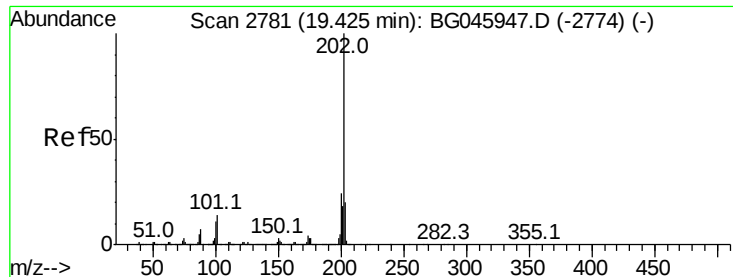
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



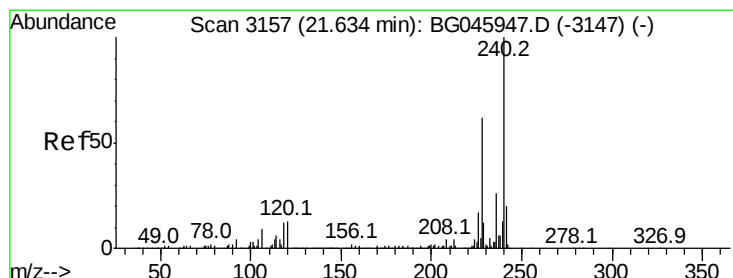
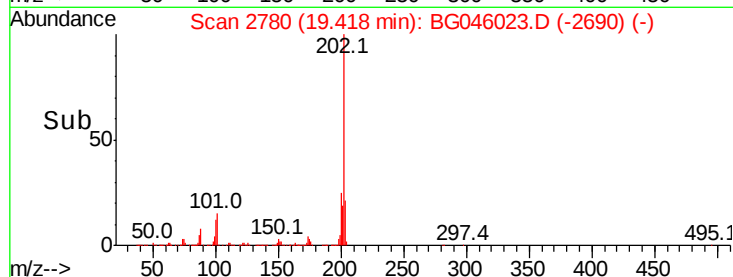
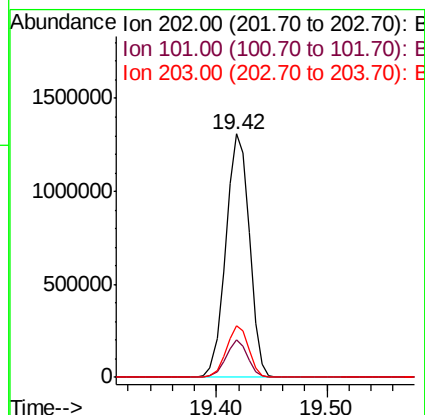
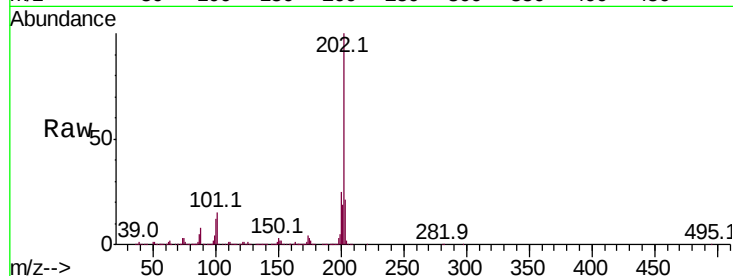


#75
 Fluoranthene
 Concen: 41.905 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion:202 Resp: 1959050

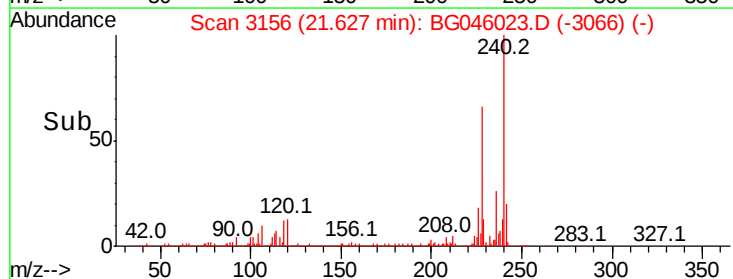
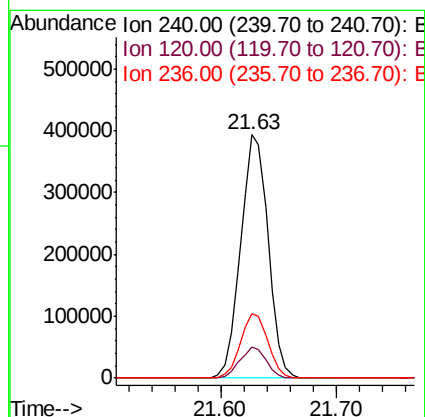
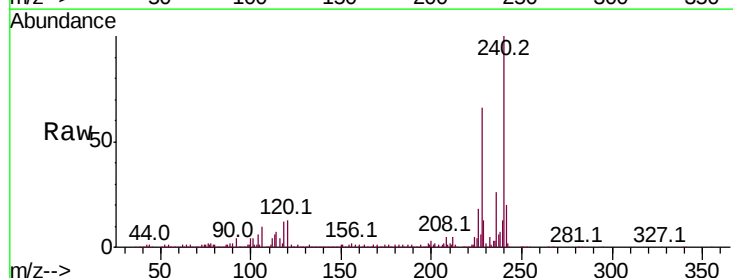
Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.8
203	21.2	0.4	40.4

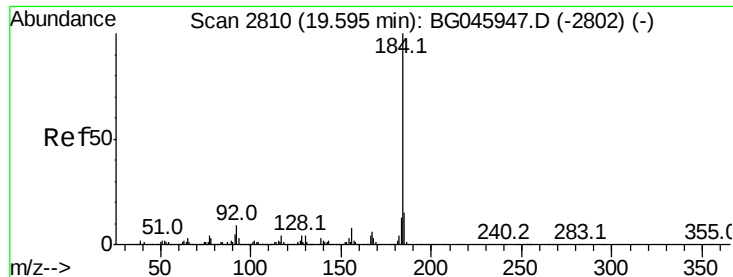


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion:240 Resp: 648258

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	16.0
236	26.2	20.4	30.6





#77

Benzidine

Concen: 63.237 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

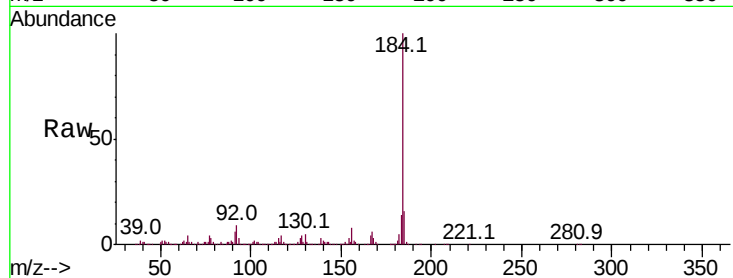
BNA_G

ClientSampleId :

PB130129BS

Tot Ion:184 Resp: 1172119

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.6	17.4
183	13.6	10.4	15.6

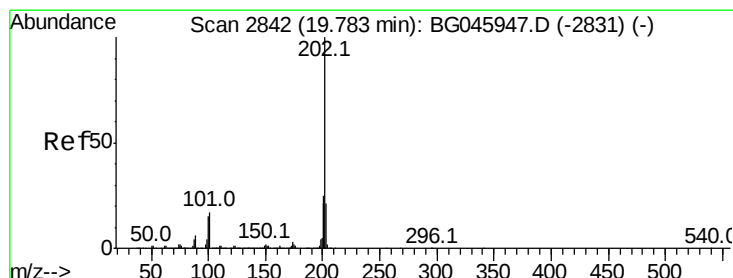
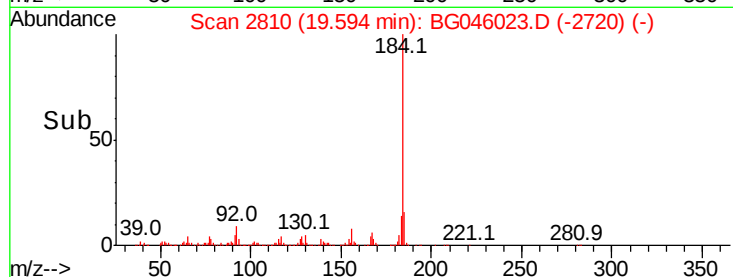
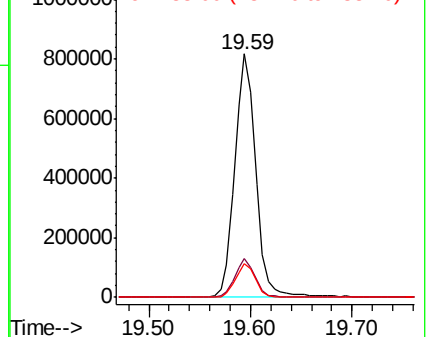


Abundance

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: 43.378 ng

RT: 19.78 min Scan# 2841

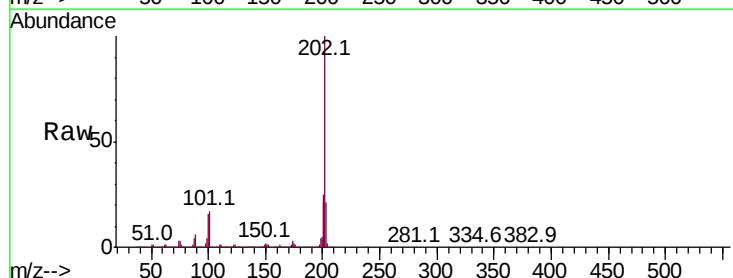
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:202 Resp: 1919468

Ion	Ratio	Lower	Upper
202	100		
200	24.7	20.1	30.1
203	20.6	16.5	24.7

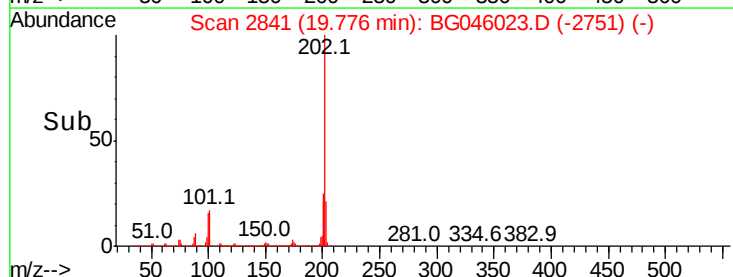
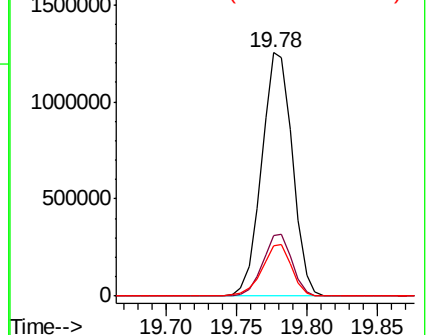


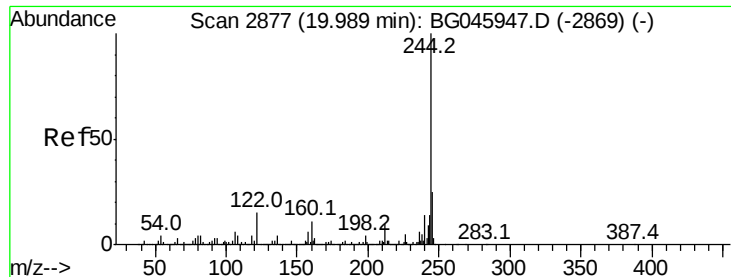
Abundance

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: 82.669 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

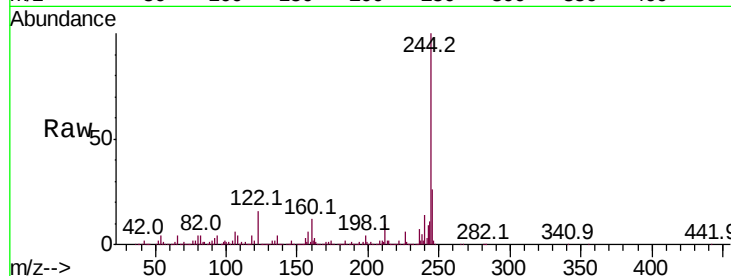
Tot Ion:244 Resp: 2408027

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.3	12.5
122	15.8	12.1	18.1

244 100

212 10.3 8.3 12.5

122 15.8 12.1 18.1

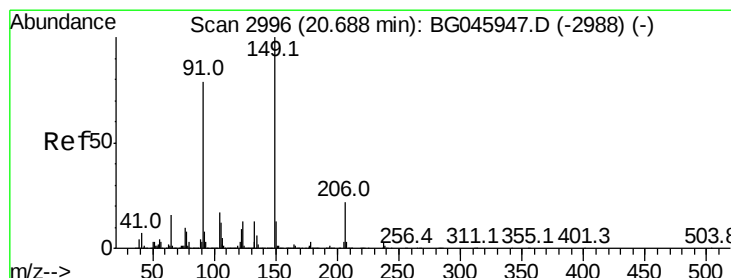
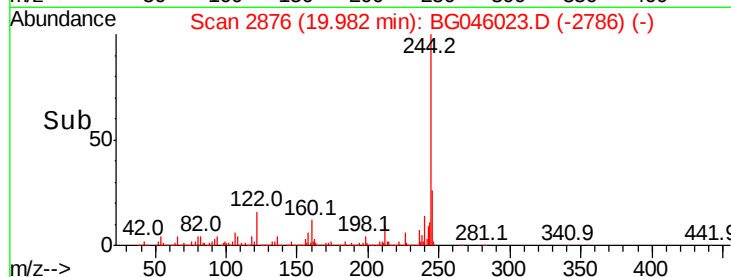
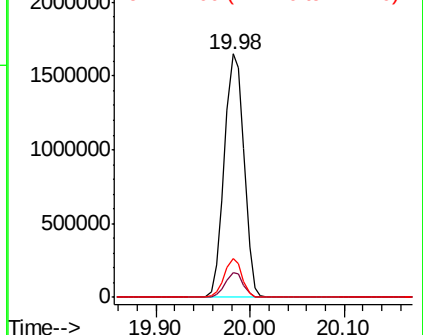


Abundance

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: 44.451 ng

RT: 20.67 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

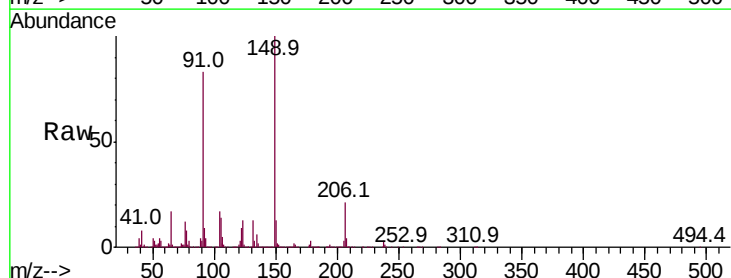
Tgt Ion:149 Resp: 929507

Ion	Ratio	Lower	Upper
149	100		
91	83.0	63.1	94.7
206	20.7	17.4	26.0

149 100

91 83.0 63.1 94.7

206 20.7 17.4 26.0

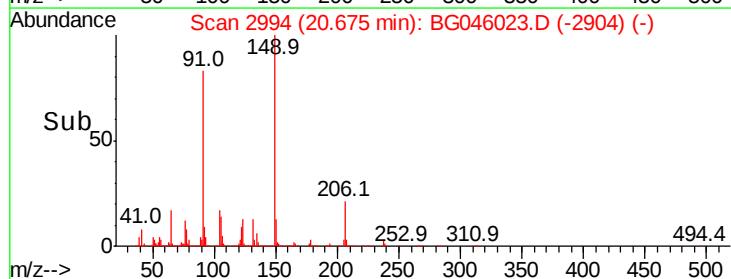
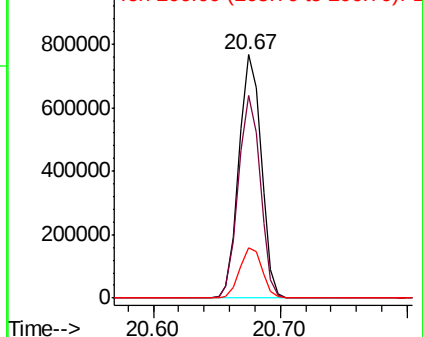


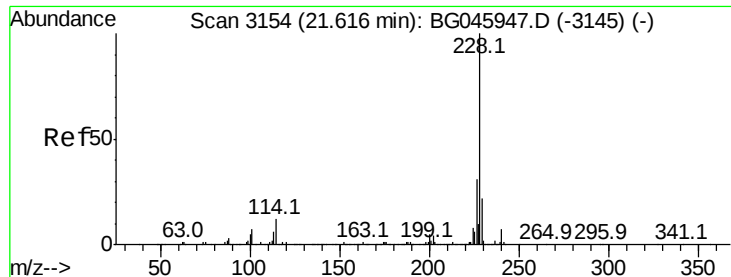
Abundance

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

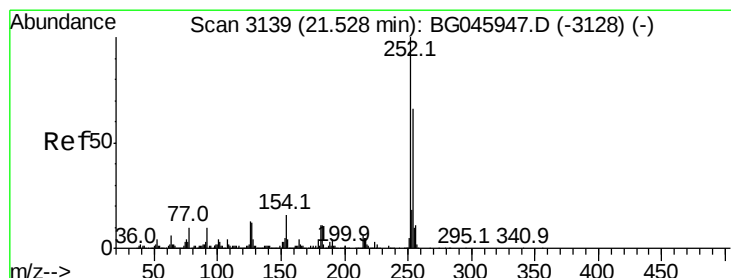
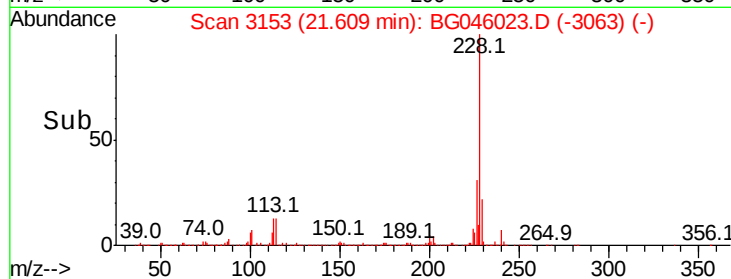
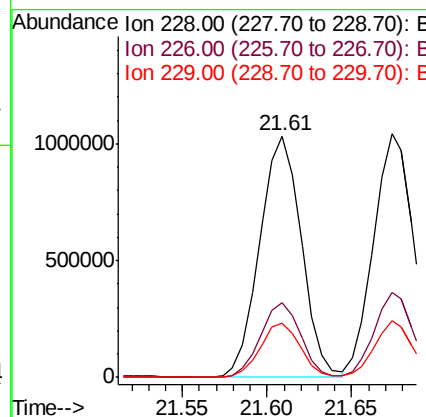
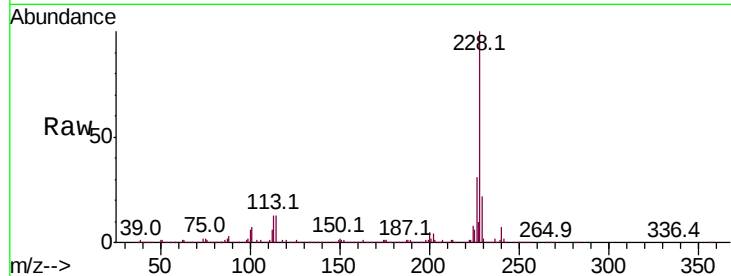




#81
Benzo(a)anthracene
Concen: 41.598 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

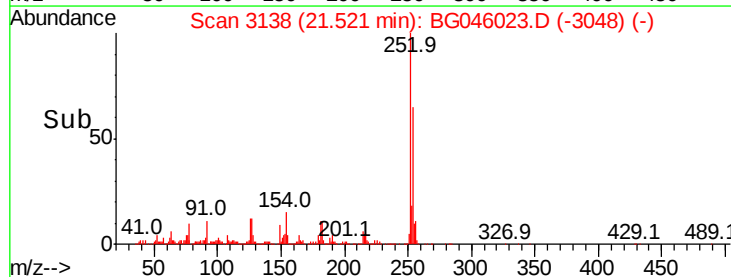
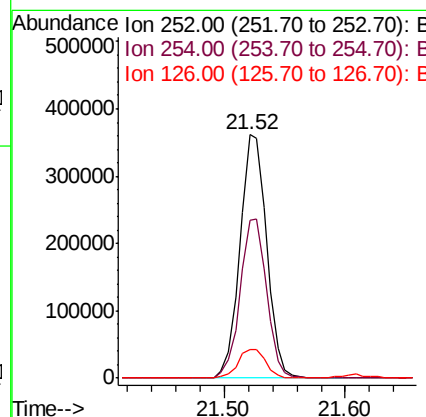
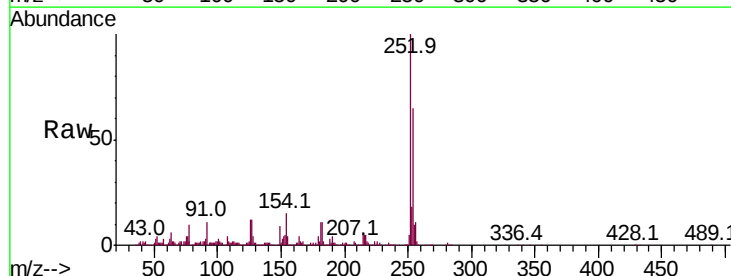
Instrument :
BNA_G
ClientSampleId :
PB130129BS

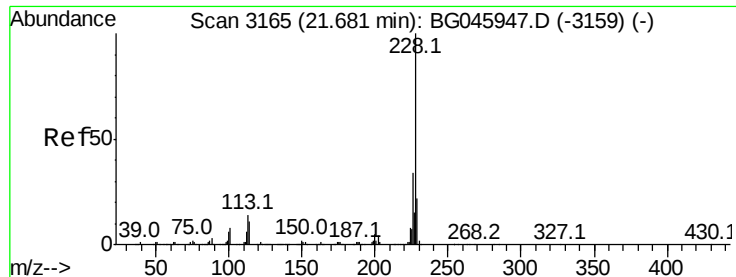
Tot Ion:228 Resp: 1773129
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.2 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 35.450 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:252 Resp: 558366
Ion Ratio Lower Upper
252 100
254 64.7 52.9 79.3
126 11.9 10.4 15.6





#83

Chrvsene

Concen: 41.932 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

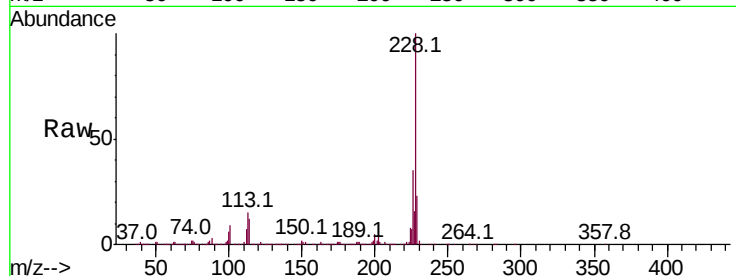
Tot Ion:228 Resp: 1702762

Ion Ratio Lower Upper

228 100

226 35.1 26.7 40.1

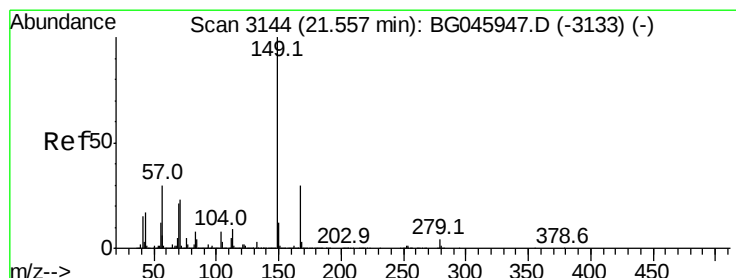
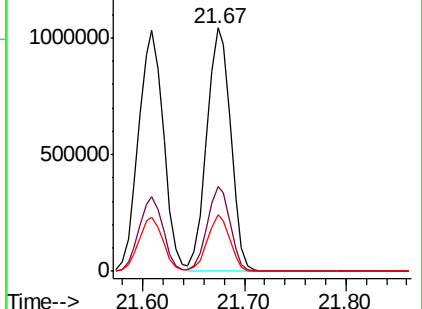
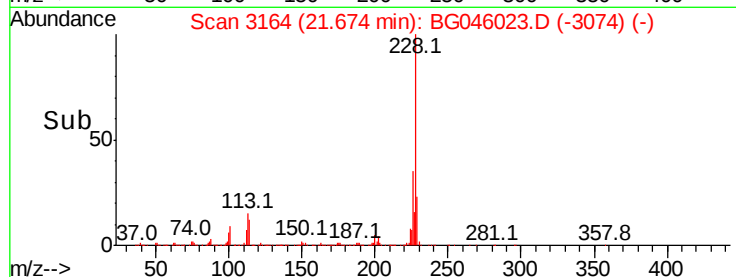
229 23.3 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.600 ng

RT: 21.54 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

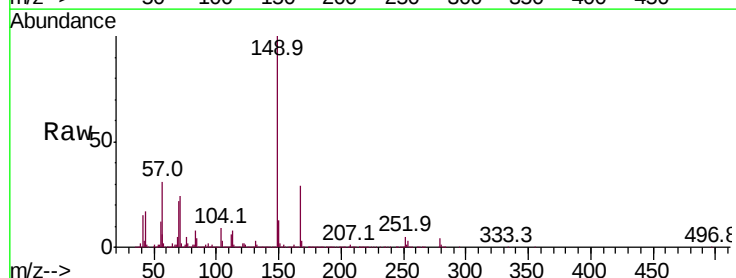
Tgt Ion:149 Resp: 1293067

Ion Ratio Lower Upper

149 100

167 28.9 23.8 35.8

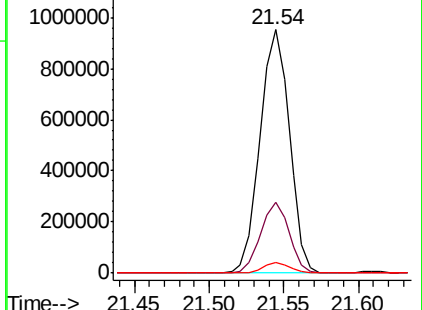
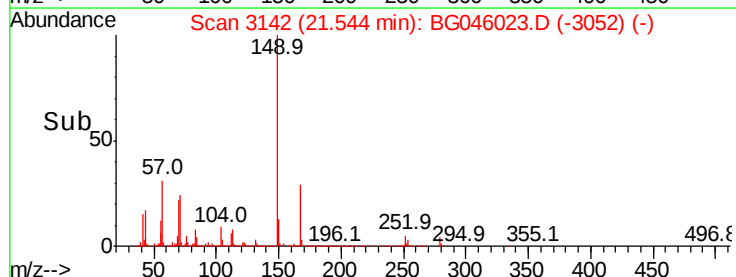
279 4.3 3.5 5.3

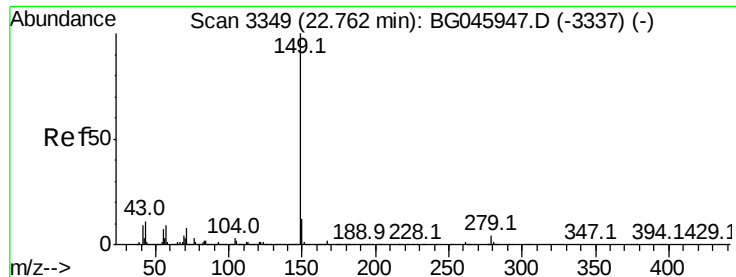


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

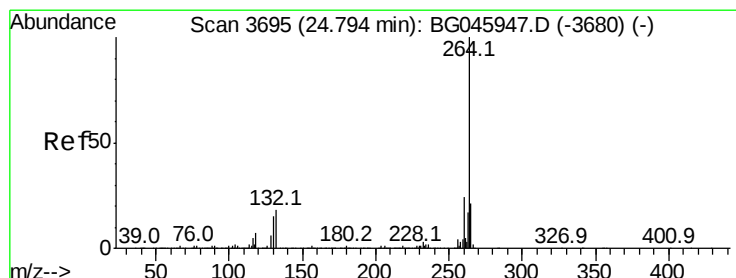
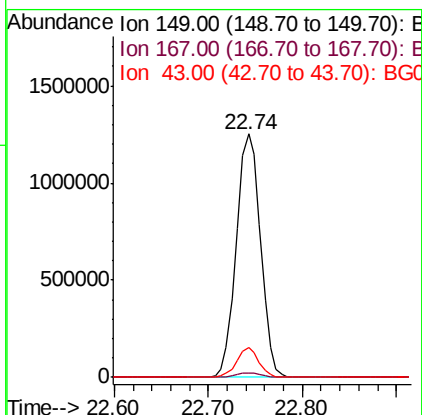
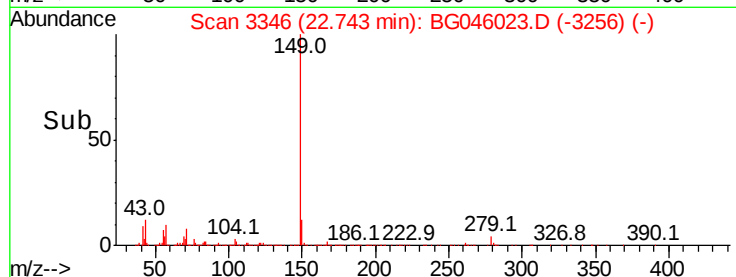
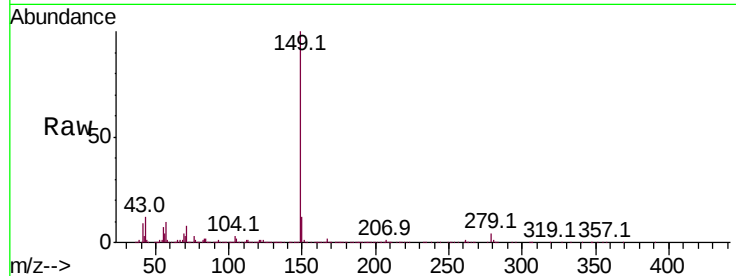




#85
Di-n-octyl phthalate
Concen: 42.313 ng
RT: 22.74 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

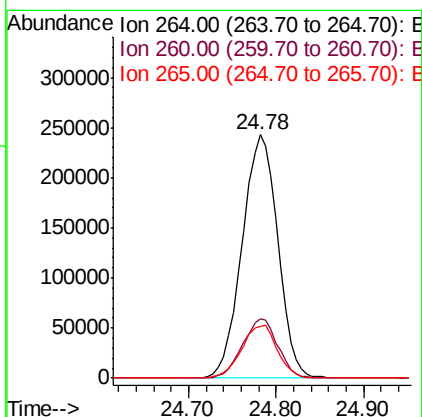
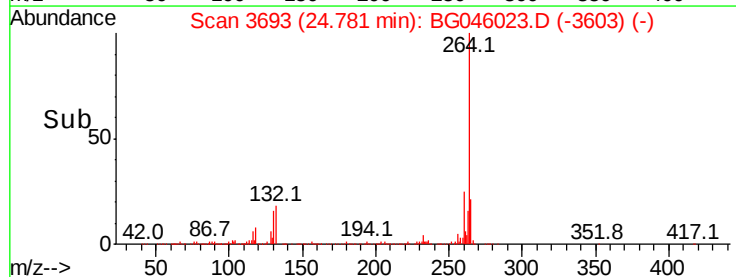
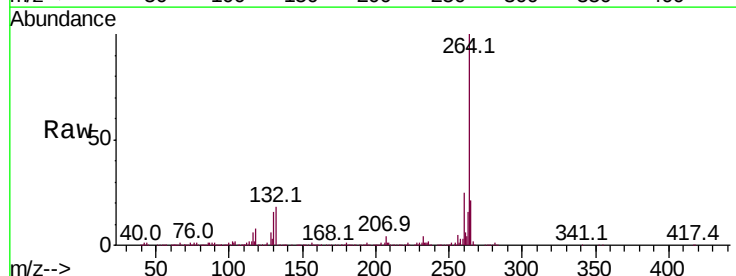
Instrument :
BNA_G
ClientSampleId :
PB130129BS

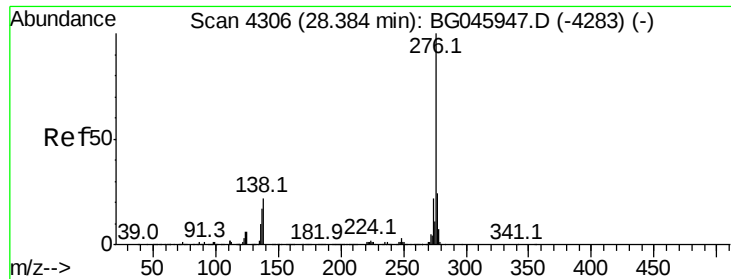
Tot Ion:149 Resp: 2228870
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion:264 Resp: 672641
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.155 ng

RT: 28.37 min Scan# 4304

Delta R.T. 0.01 min

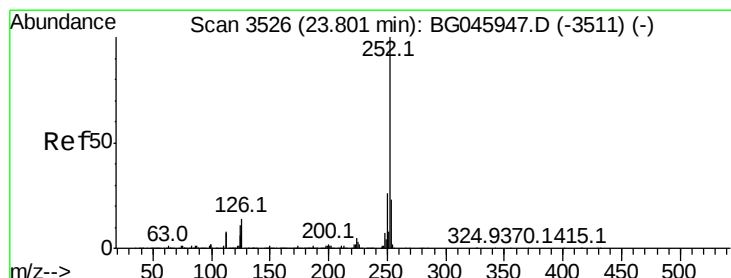
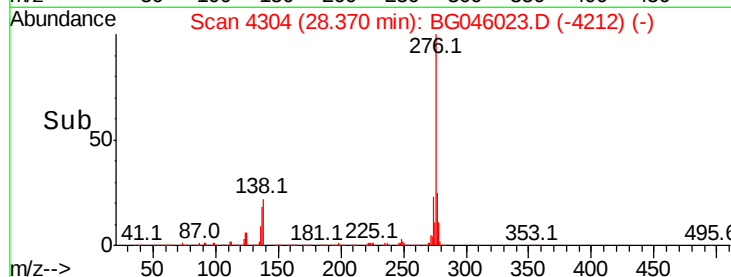
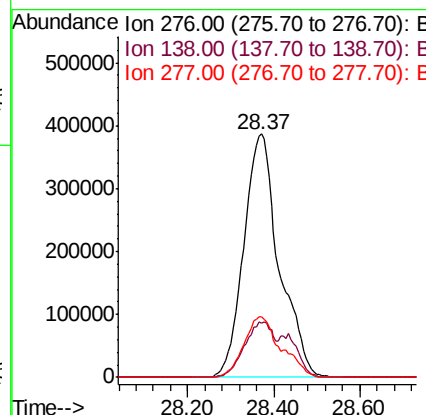
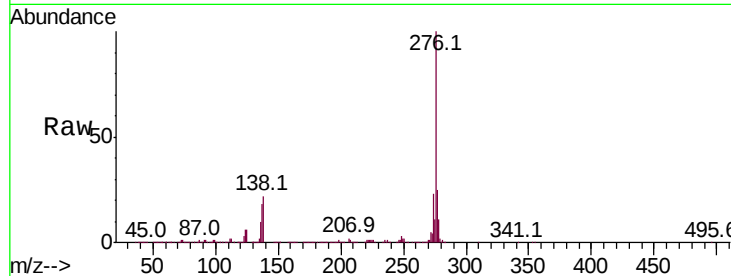
Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion:276 Resp: 2222001

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.4	24.6
277	26.0	20.6	31.0



#88

Benzo(b)fluoranthene

Concen: 45.026 ng

RT: 23.79 min Scan# 3524

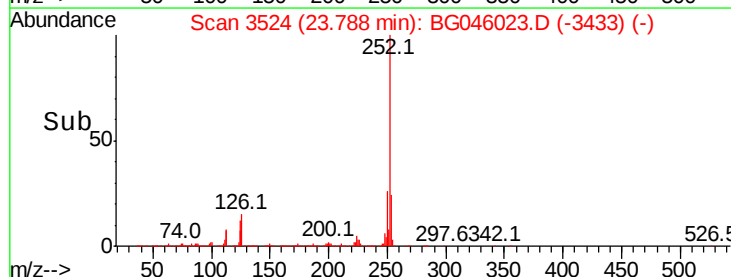
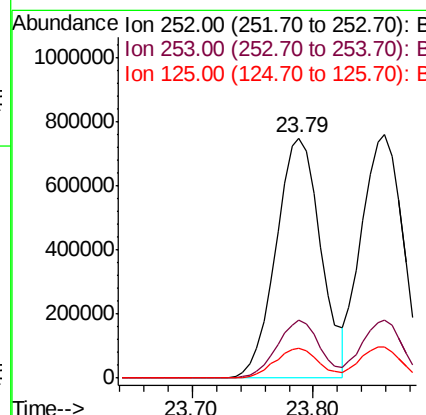
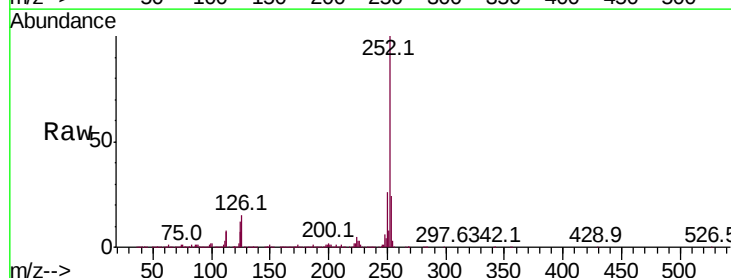
Delta R.T. 0.00 min

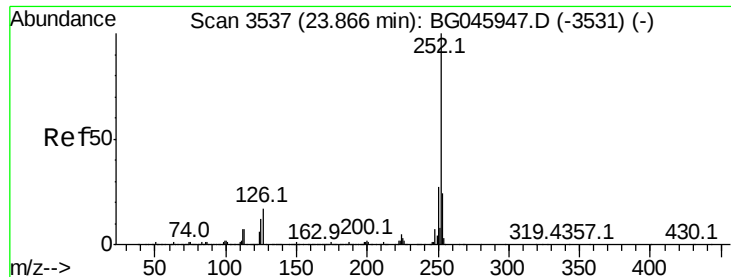
Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:252 Resp: 1922603

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	12.5	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 44.779 ng

RT: 23.86 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

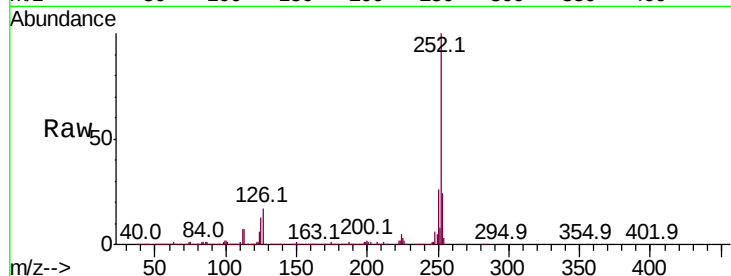
Tot Ion:252 Resp: 1807973

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

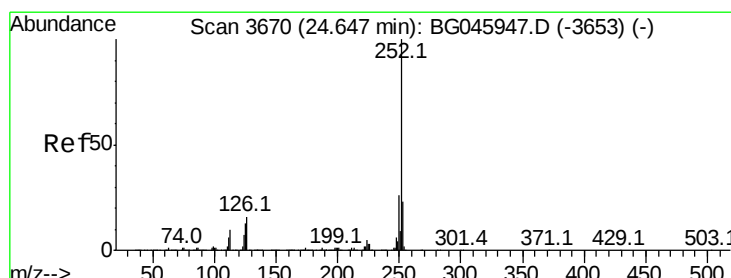
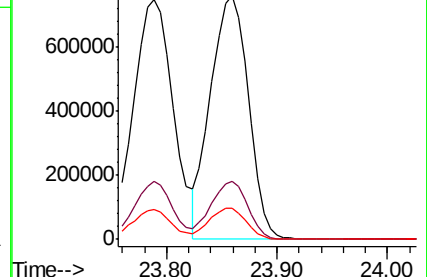
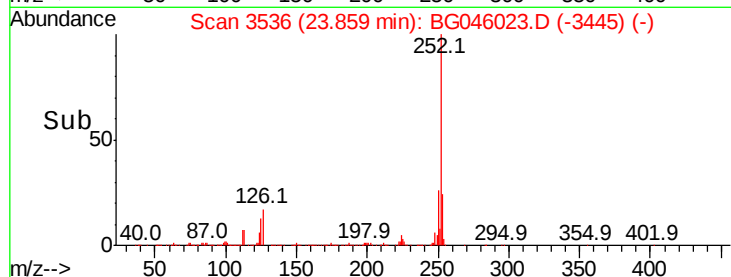
125 12.6 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.901 ng

RT: 24.63 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

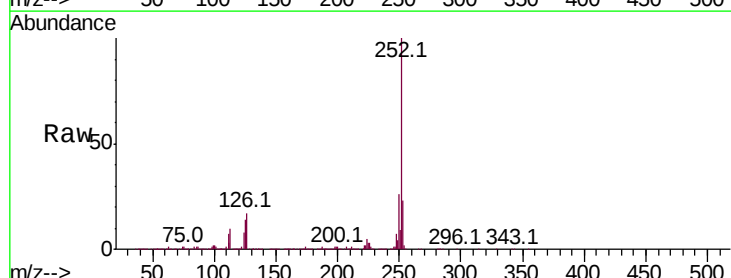
Tgt Ion:252 Resp: 1762712

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

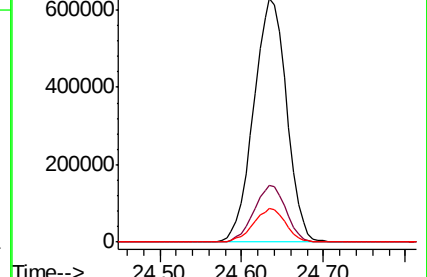
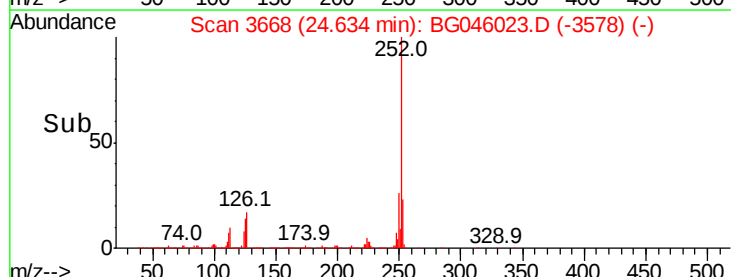
125 13.8 10.5 15.7

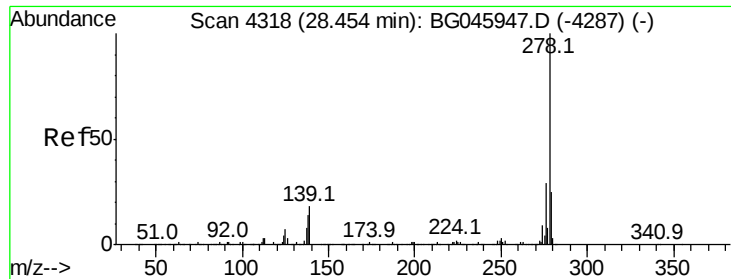


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.801 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.00 min

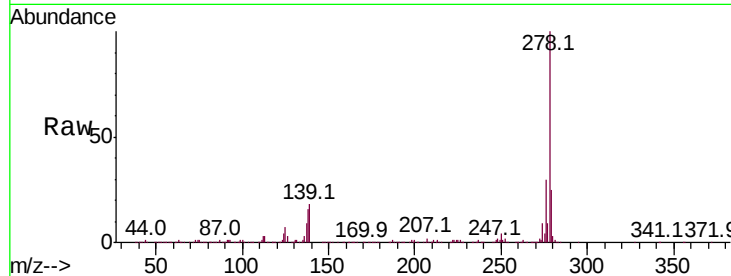
Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion:278 Resp: 1778137

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.3	21.5
279	24.7	19.8	29.6

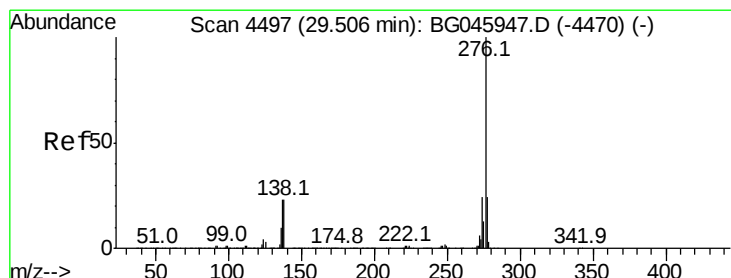
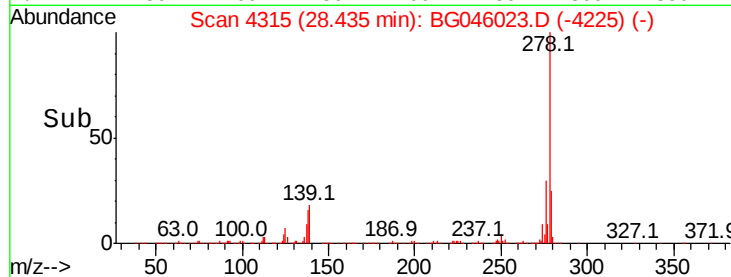
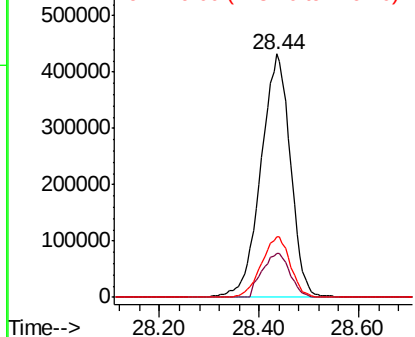


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.570 ng

RT: 29.48 min Scan# 4493

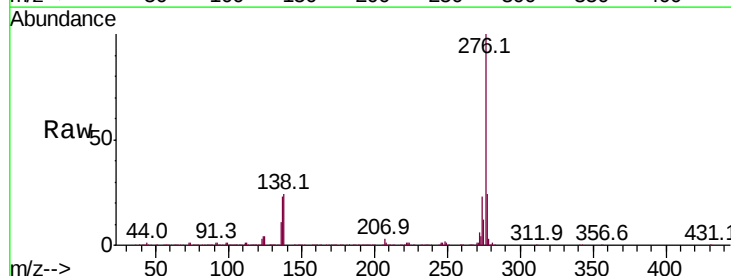
Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:276 Resp: 1780200

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	24.5	18.6	28.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

