

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046203.D
 Acq On : 7 Aug 2020 21:37
 Operator : CG/JU
 Sample : L3553-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

Quant Time: Aug 08 00:24:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	101504	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	384698	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	264362	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	669410	20.00	ng	0.00
76) Chrysene-d12	21.57	240	726640	20.00	ng	0.00
86) Perylene-d12	24.67	264	798138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	598195	102.45	ng	0.00
7) Phenol-d6	7.12	99	702999	88.34	ng	0.00
23) Nitrobenzene-d5	9.11	82	538277	75.76	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	528559	130.17	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1348058	74.07	ng	0.00
79) Terphenyl-d14	19.94	244	2339089	65.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	83268	31.331	ng	# 25
3) Pyridine	3.86	79	190179	25.994	ng	95
4) n-Nitrosodimethylamine	3.76	42	106485	34.197	ng	85
6) Aniline	7.27	93	218320	23.047	ng	99
8) 2-Chlorophenol	7.52	128	271061	42.000	ng	95
9) Benzaldehyde	7.09	77	151398	32.061	ng	98
10) Phenol	7.15	94	283277	35.429	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	257860	40.545	ng	98
12) 1,3-Dichlorobenzene	7.84	146	294470	37.643	ng	96
13) 1,4-Dichlorobenzene	7.99	146	295639	37.637	ng	99
14) 1,2-Dichlorobenzene	8.31	146	289525	39.082	ng	97
15) Benzyl Alcohol	8.19	79	231443	42.099	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	379835	36.429	ng	98
17) 2-Methylphenol	8.40	107	229845	42.581	ng	98
18) Hexachloroethane	9.04	117	98292	37.415	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	201570	38.920	ng	97
20) 3+4-Methylphenols	8.72	107	307279	41.590	ng	98
22) Acetophenone	8.77	105	393586	39.866	ng	# 96
24) Nitrobenzene	9.15	77	284668	37.578	ng	96
25) Isophorone	9.67	82	559265	39.557	ng	98
26) 2-Nitrophenol	9.85	139	156541	45.595	ng	98
27) 2,4-Dimethylphenol	9.92	122	254784	45.613	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	338830	44.075	ng	99
29) 2,4-Dichlorophenol	10.39	162	295562	44.982	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	303847	39.474	ng	99
31) Naphthalene	10.80	128	791176	38.869	ng	99
32) Benzoic acid	10.04	122	79932	25.059	ng	99
33) 4-Chloroaniline	10.91	127	53458	6.427	ng	97
34) Hexachlorobutadiene	11.09	225	193004	37.666	ng	97
35) Caprolactam	11.67	113	95428	44.372	ng	97
36) 4-Chloro-3-methylphenol	12.03	107	297260	46.100	ng	97
37) 2-Methylnaphthalene	12.40	142	630660	40.265	ng	99
38) 1-Methylnaphthalene	12.62	142	600474	40.514	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	369966	38.841	ng	100

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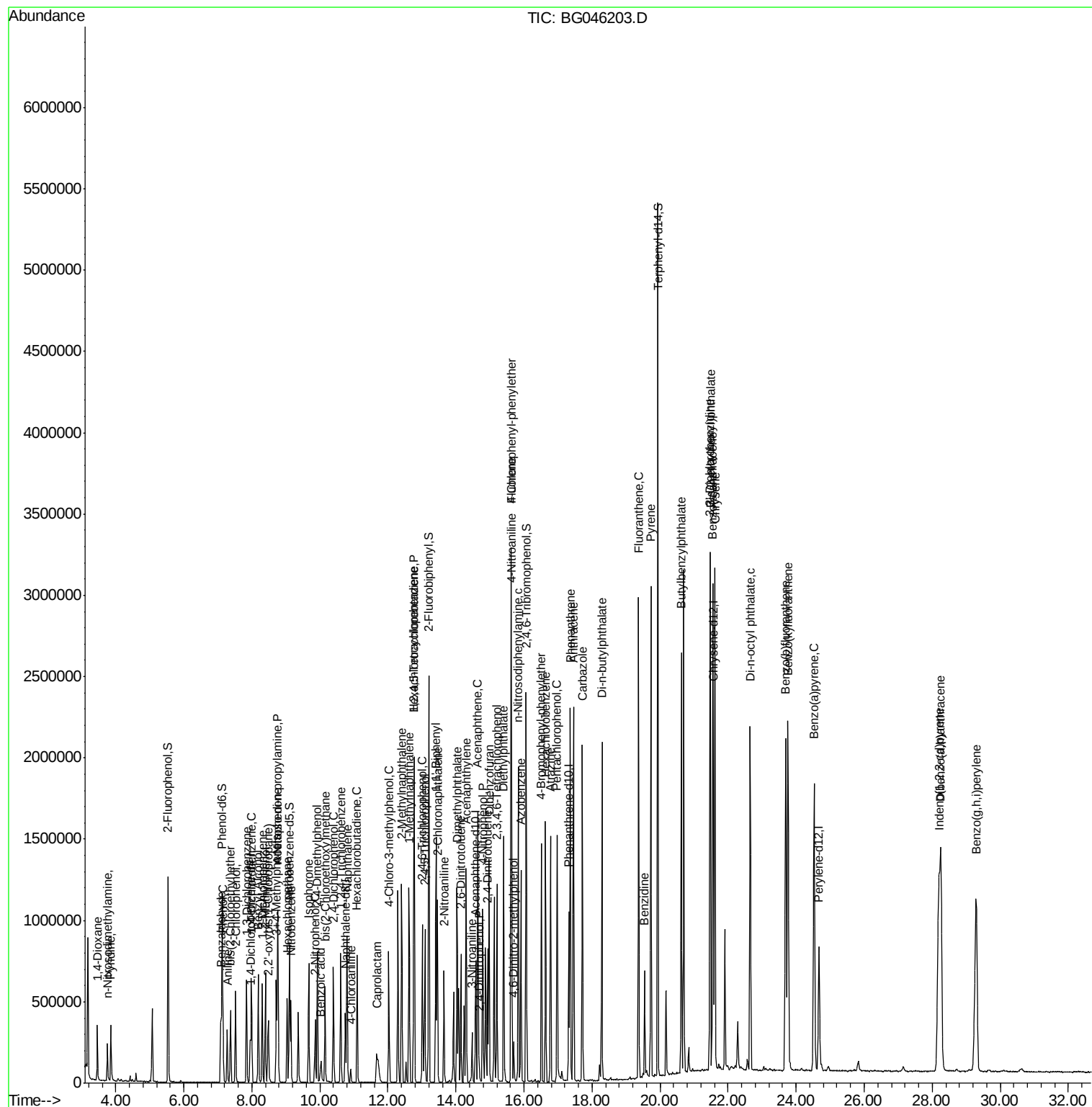
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	445333	81.511	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	267893	44.084	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	296588	44.731	nq	94
46) 1,1'-Biphenyl	13.41	154	818595	39.473	nq	99
47) 2-Chloronaphthalene	13.46	162	639082	38.633	nq	98
48) 2-Nitroaniline	13.65	65	189572	43.720	nq	93
49) Acenaphthylene	14.30	152	1043055	40.606	nq	99
50) Dimethylphthalate	14.04	163	893064	44.014	nq	99
51) 2,6-Dinitrotoluene	14.14	165	203933	43.186	nq	90
52) Acenaphthene	14.64	154	650307	38.359	nq	100
53) 3-Nitroaniline	14.47	138	93766	20.029	nq	94
54) 2,4-Dinitrophenol	14.68	184	49616	22.186	nq	97
55) Dibenzofuran	14.98	168	1017746	39.785	nq	99
56) 4-Nitrophenol	14.79	139	344900	84.857	nq	97
57) 2,4-Dinitrotoluene	14.93	165	290438	44.734	nq	94
58) Fluorene	15.62	166	854749	41.259	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	303456	48.589	nq	98
60) Diethylphthalate	15.40	149	876971	43.937	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	464446	42.925	nq	95
62) 4-Nitroaniline	15.64	138	222395	47.234	nq	99
63) Azobenzene	15.91	77	737446	39.423	nq	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	77080	17.411	nq	84
66) n-Nitrosodiphenylamine	15.83	169	800909	39.525	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	342021	41.357	nq	97
68) Hexachlorobenzene	16.63	284	385928	41.617	nq	96
69) Atrazine	16.78	200	317880	40.740	nq	98
70) Pentachlorophenol	16.97	266	362732	60.285	nq	99
71) Phenanthrene	17.36	178	1449023	39.516	nq	99
72) Anthracene	17.45	178	1498208	41.076	nq	98
73) Carbazole	17.72	167	1441104	40.975	nq	98
74) Di-n-butylphthalate	18.29	149	1592341	43.314	nq	99
75) Fluoranthene	19.37	202	1862743	40.689	nq	98
77) Benzidine	19.54	184	451342	21.928	nq	99
78) Pyrene	19.73	202	1892001	38.752	nq	97
80) Butylbenzylphthalate	20.62	149	773976	43.762	nq	98
81) Benzo(a)anthracene	21.55	228	1933604	39.764	nq	98
82) 3,3'-Dichlorobenzidine	21.46	252	434329	21.509	nq	97
83) Chrysene	21.61	228	1832868	38.477	nq	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1090615	43.133	nq	98
85) Di-n-octyl phthalate	22.65	149	1878298	43.873	nq	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2574818	42.300	nq	# 95
88) Benzo(b)fluoranthene	23.69	252	2132810	39.877	nq	99
89) Benzo(k)fluoranthene	23.76	252	2080862	39.666	nq	99
90) Benzo(a)pyrene	24.53	252	1977789	39.739	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	2109116	41.448	nq	99
92) Benzo(g,h,i)perylene	29.29	276	2161734	42.065	nq	99

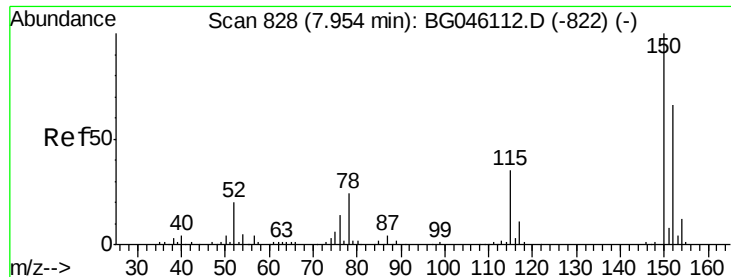
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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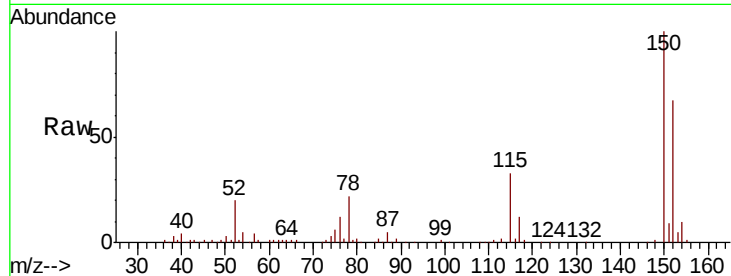


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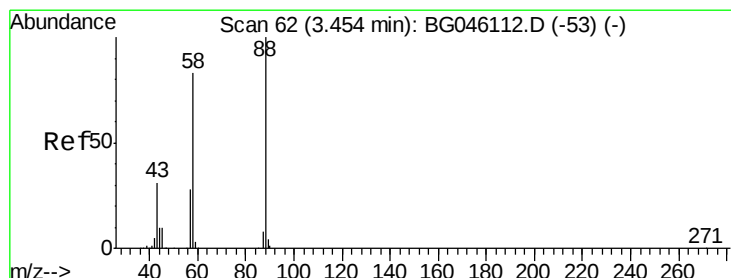
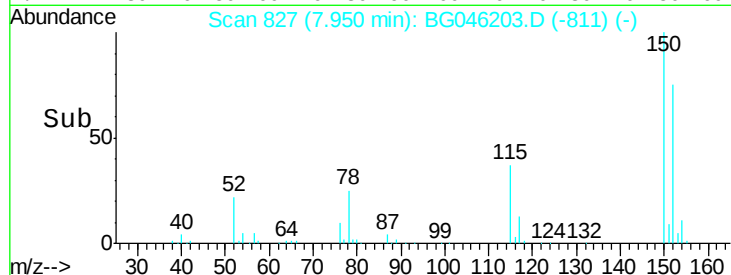
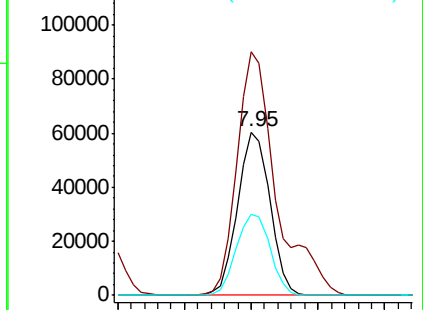
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.1	183.1
115	49.3	43.2	64.8



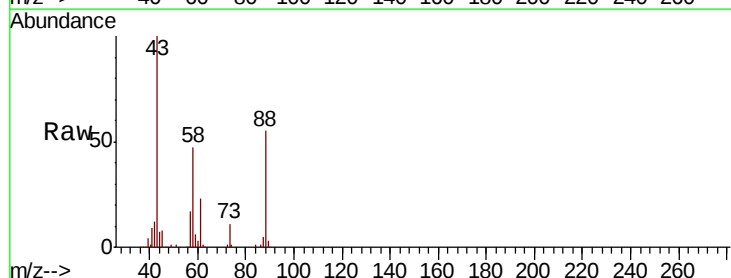
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



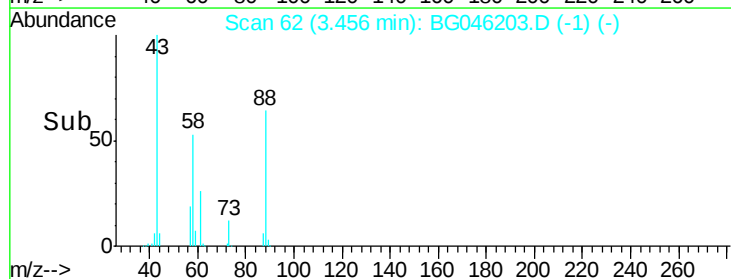
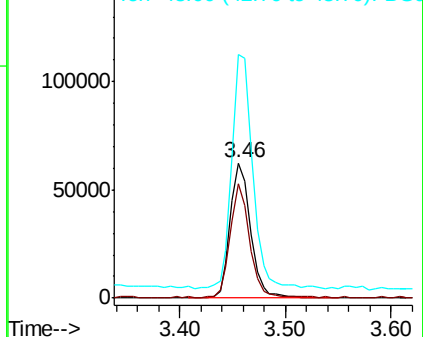
#2

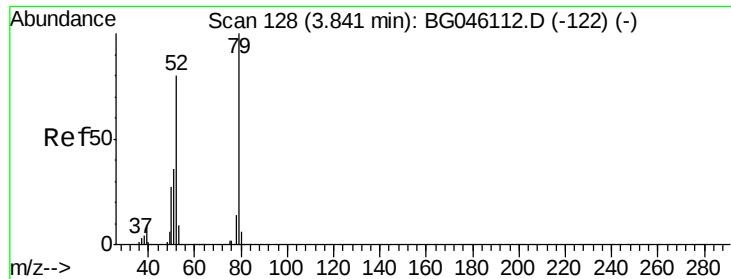
1,4-Dioxane
Concen: 31.331 ng
RT: 3.46 min Scan# 62
Delta R.T. 0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	66.5	99.7
43	175.0	23.8	35.8#



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





#3

Pvridine

Concen: 25.994 ng

RT: 3.86 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

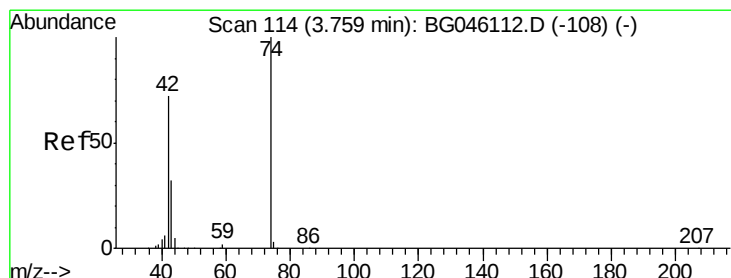
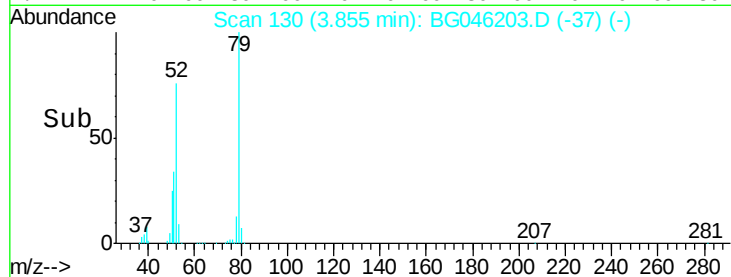
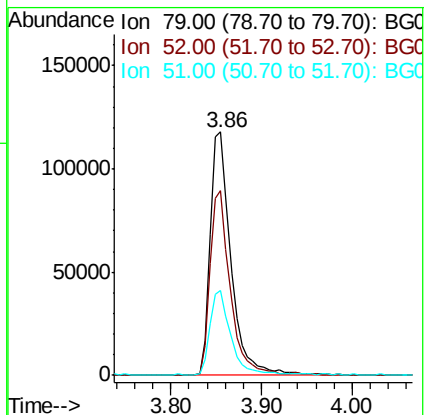
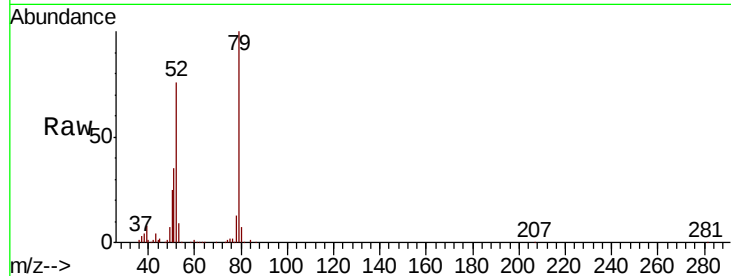
Tot Ion: 79 Resp: 190179

Ion Ratio Lower Upper

79 100

52 75.9 64.3 96.5

51 34.8 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 34.197 ng

RT: 3.76 min Scan# 113

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

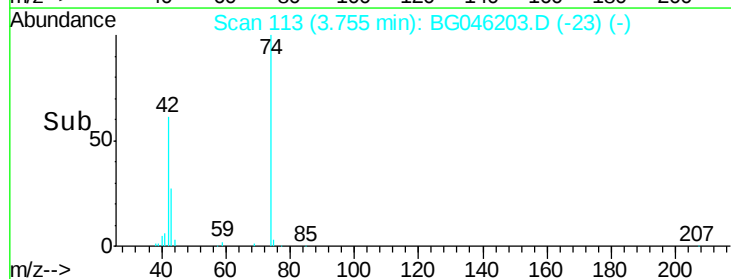
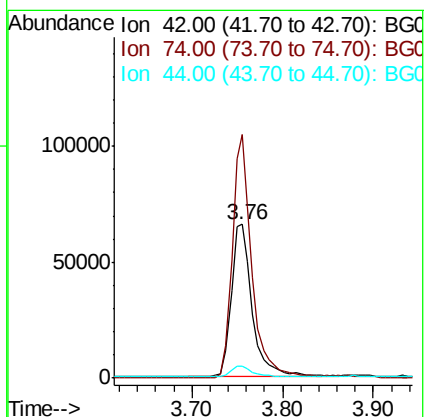
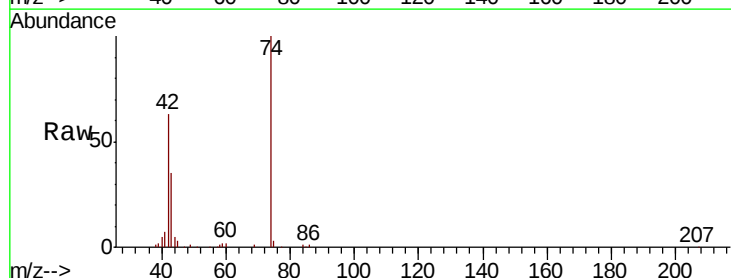
Tgt Ion: 42 Resp: 106485

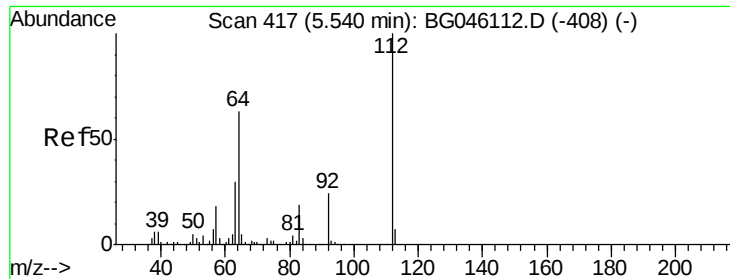
Ion Ratio Lower Upper

42 100

74 158.3 111.6 167.4

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 102.448 ng

RT: 5.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

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ClientSampleId :

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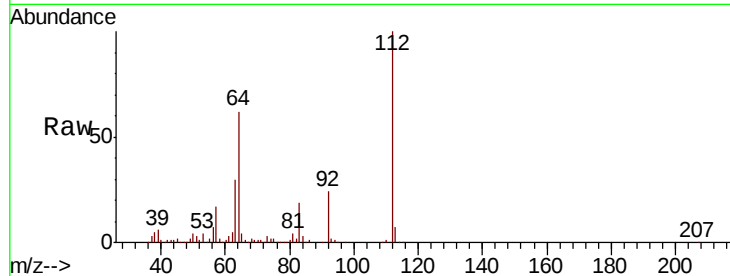
Tot Ion:112 Resp: 598195

Ion Ratio Lower Upper

112 100

64 61.8 50.2 75.2

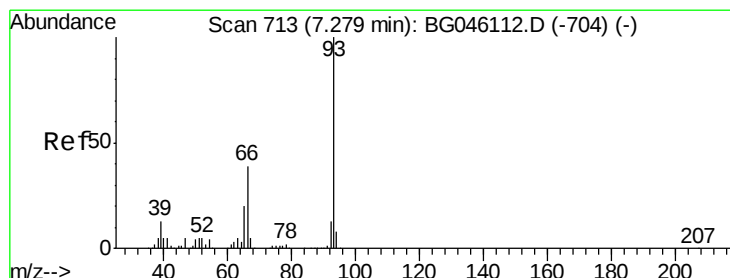
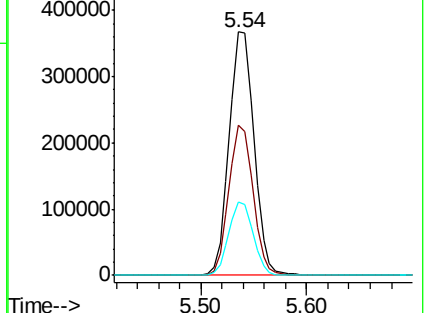
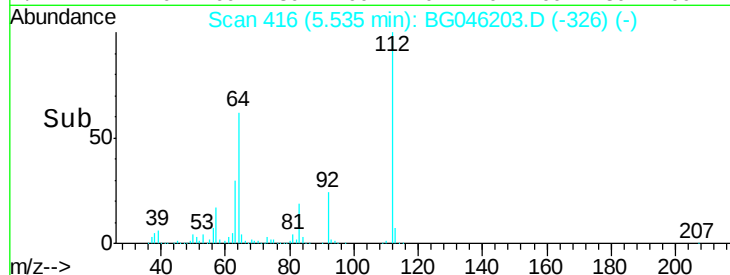
63 29.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.047 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

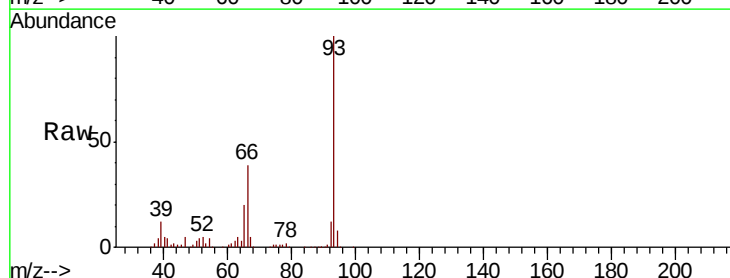
Tgt Ion: 93 Resp: 218320

Ion Ratio Lower Upper

93 100

66 39.5 31.0 46.4

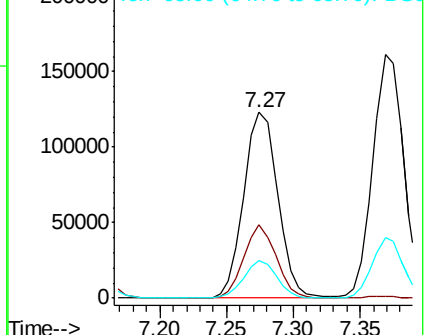
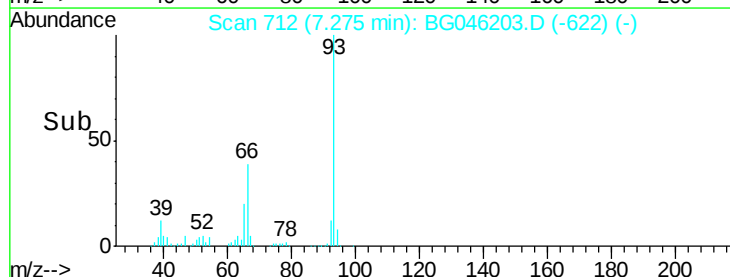
65 19.9 15.9 23.9

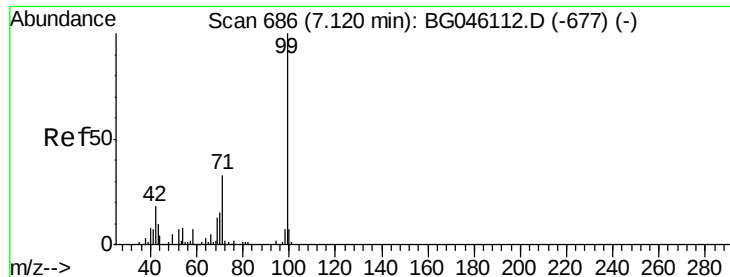


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.341 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046203.D

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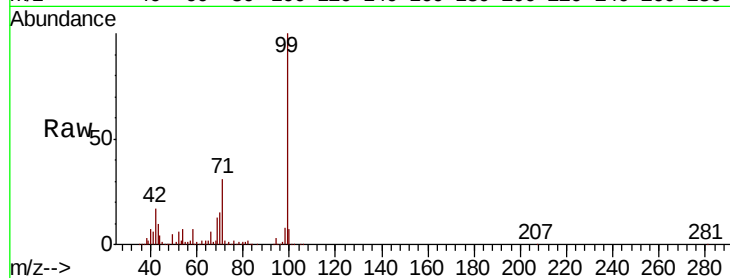
Tot Ion: 99 Resp: 702999

Ion Ratio Lower Upper

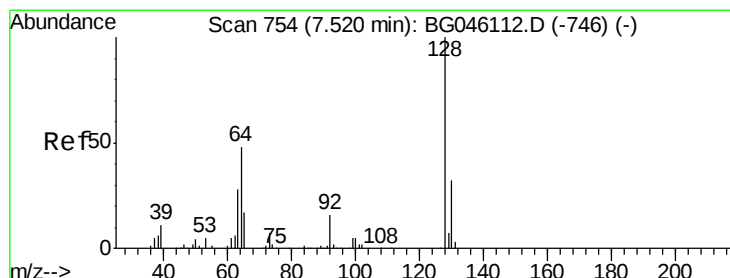
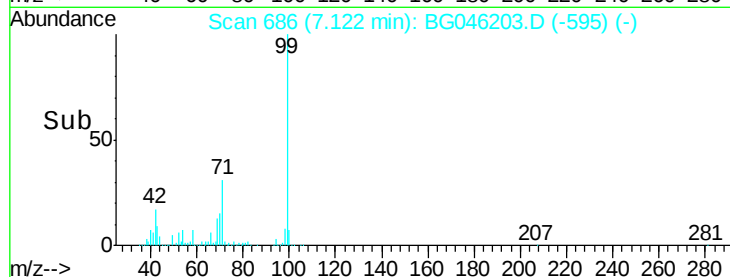
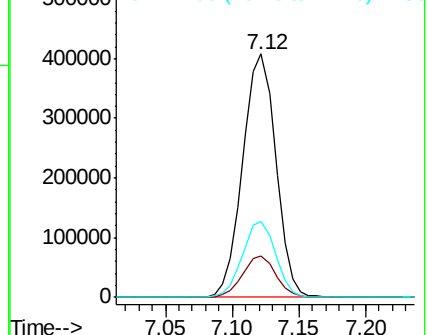
99 100

42 17.1 14.7 22.1

71 31.4 26.5 39.7



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



#8

2-Chlorophenol

Concen: 42.000 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

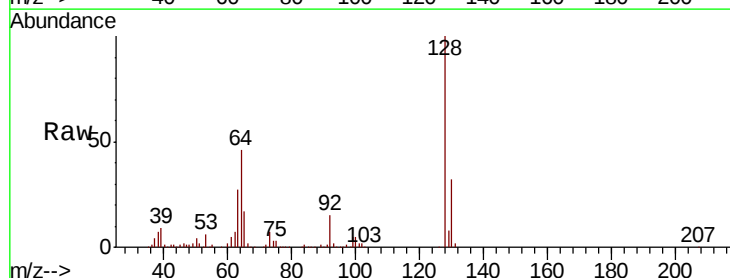
Tgt Ion:128 Resp: 271061

Ion Ratio Lower Upper

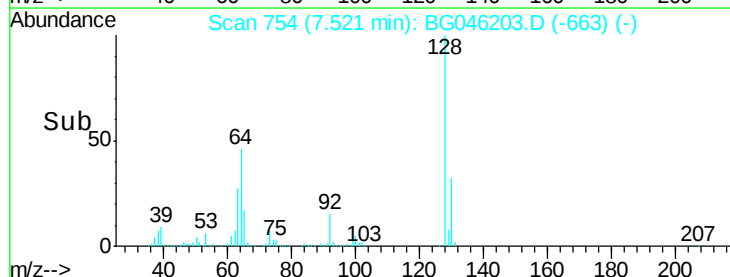
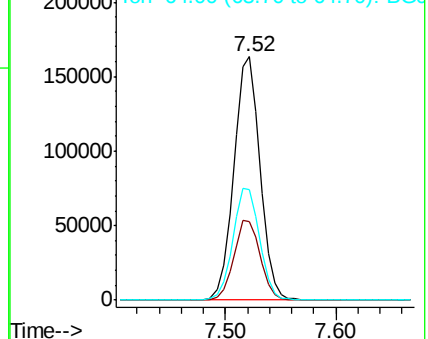
128 100

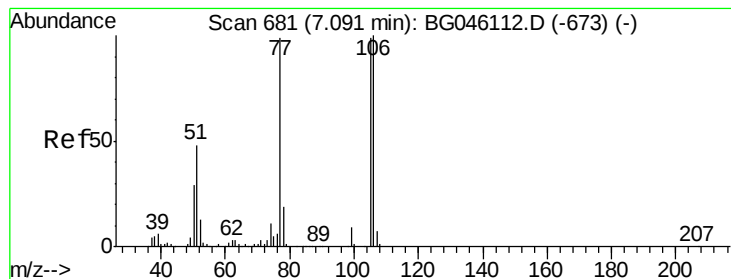
130 32.1 11.6 51.6

64 45.6 30.6 70.6



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





#9

Benzaldehyde

Concen: 32.061 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

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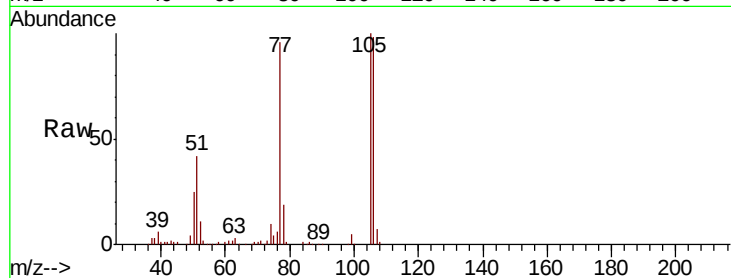
Tot Ion: 77 Resp: 151398

Ion Ratio Lower Upper

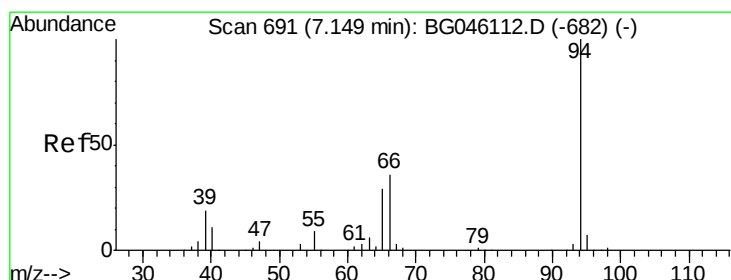
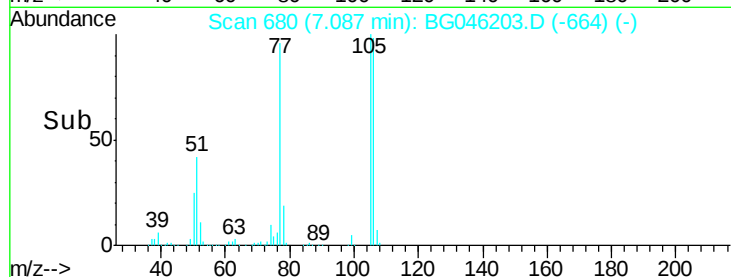
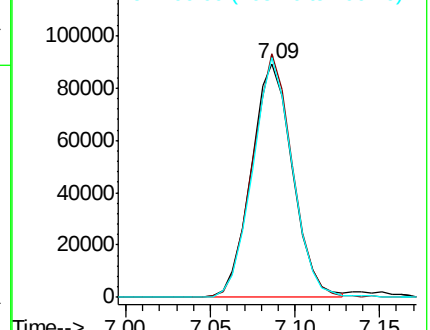
77 100

105 104.1 80.3 120.3

106 102.5 81.5 121.5



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: 35.429 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

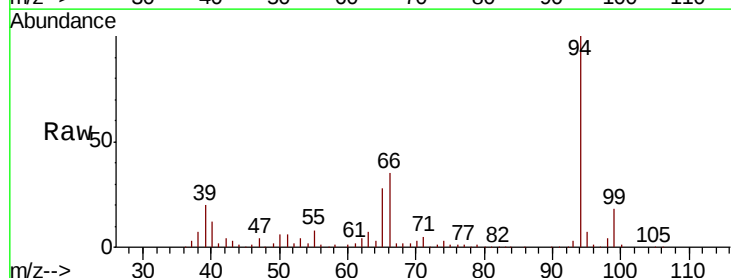
Tgt Ion: 94 Resp: 283277

Ion Ratio Lower Upper

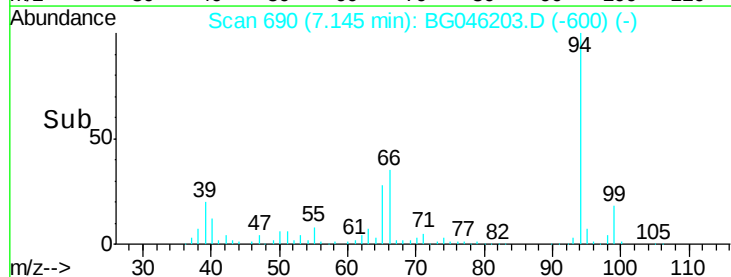
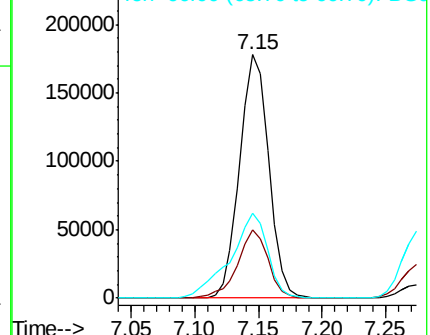
94 100

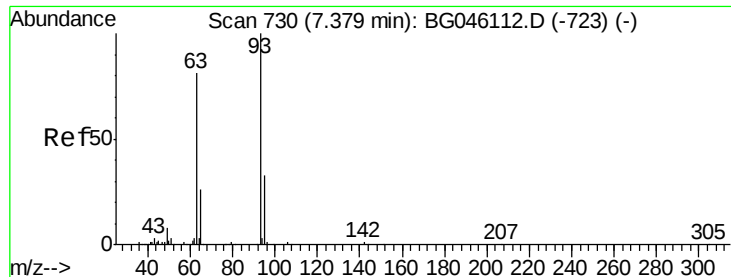
65 27.8 9.6 49.6

66 34.8 16.3 56.3



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

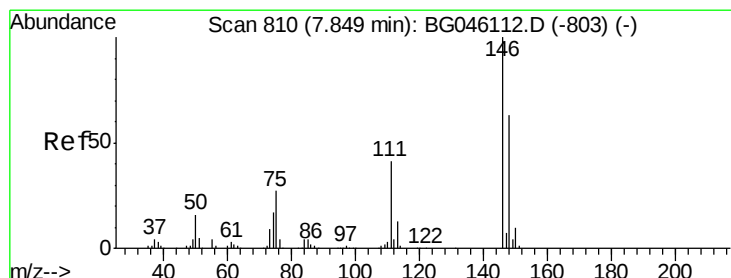
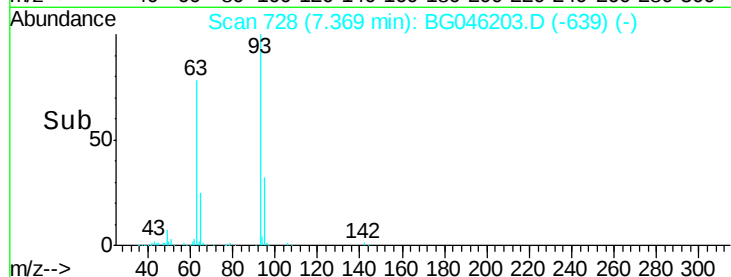
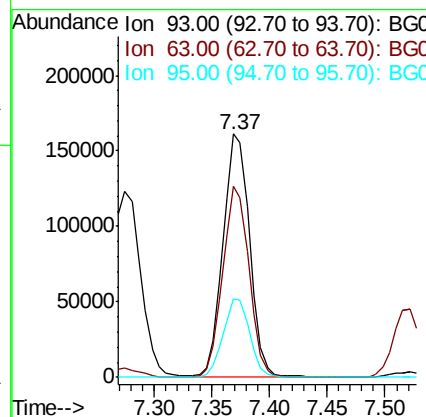
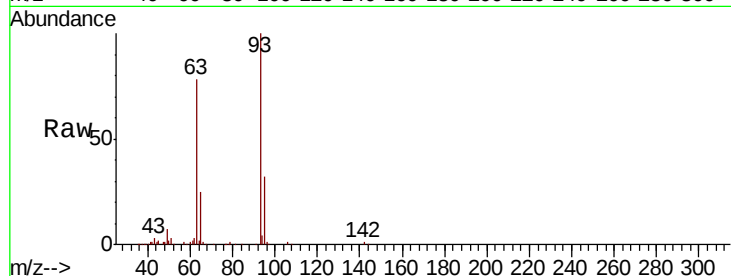




#11
bis(2-Chloroethyl)ether
Concen: 40.545 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

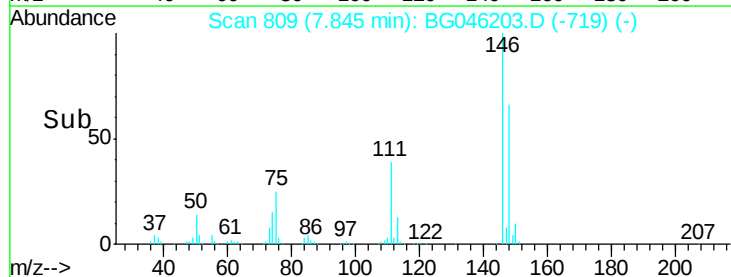
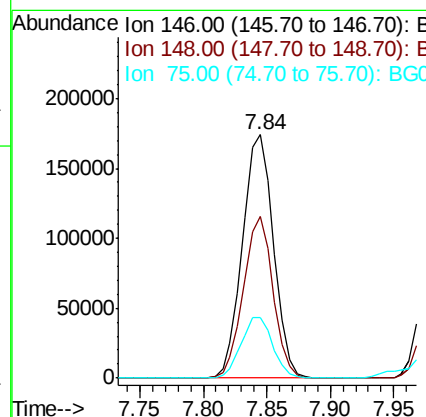
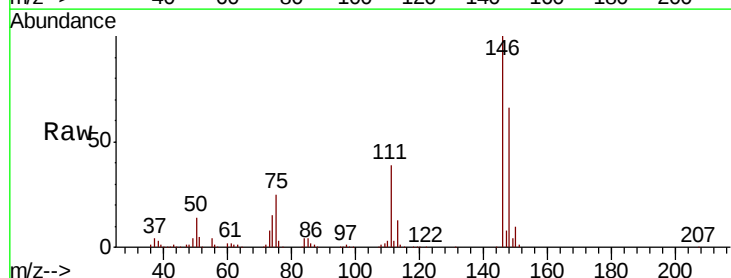
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

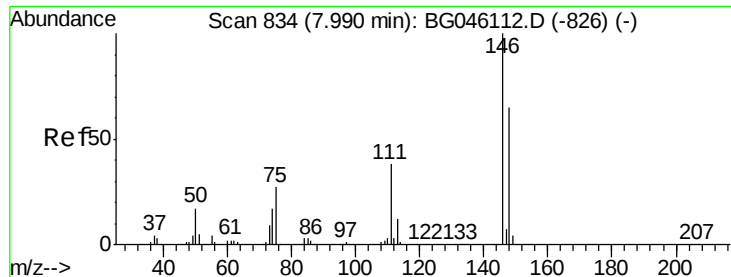
Tot Ion: 93 Resp: 257860
Ion Ratio Lower Upper
93 100
63 78.3 60.0 100.0
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.643 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion: 146 Resp: 294470
Ion Ratio Lower Upper
146 100
148 66.2 50.5 75.7
75 25.0 21.6 32.4

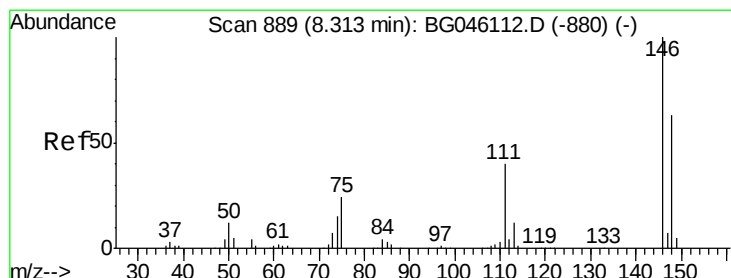
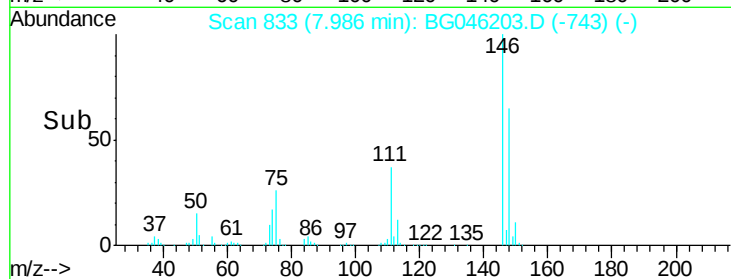
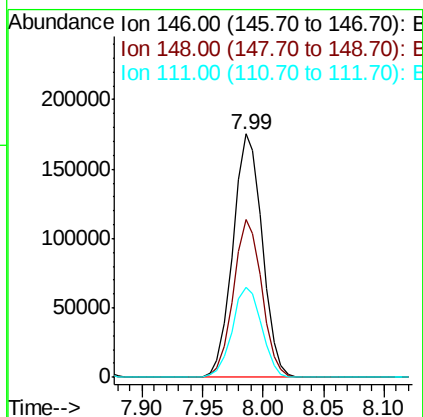
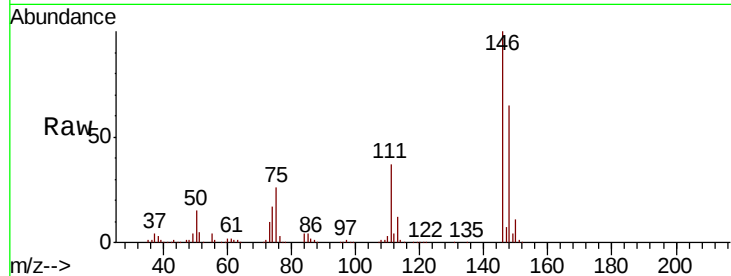




#13
 1,4-Dichlorobenzene
 Concen: 37.637 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

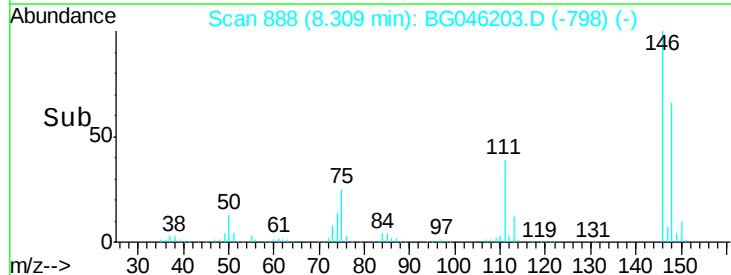
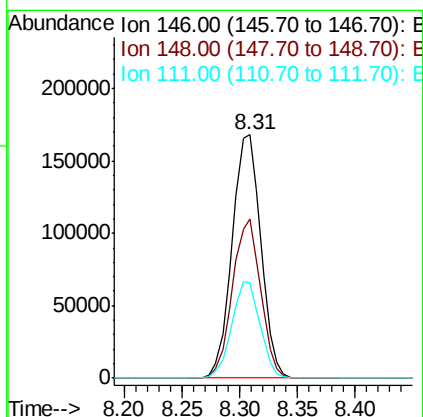
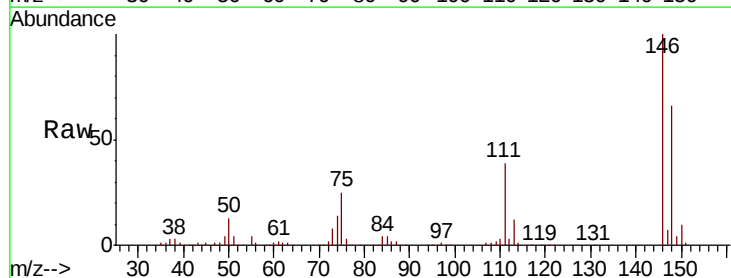
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

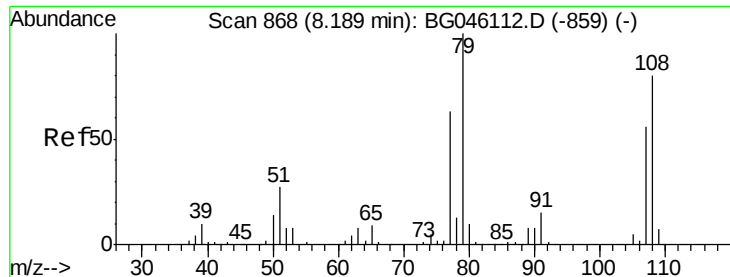
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	37.0	30.7	46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.082 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.8	76.2
111	38.8	32.4	48.6





#15

Benzyl Alcohol

Concen: 42.099 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

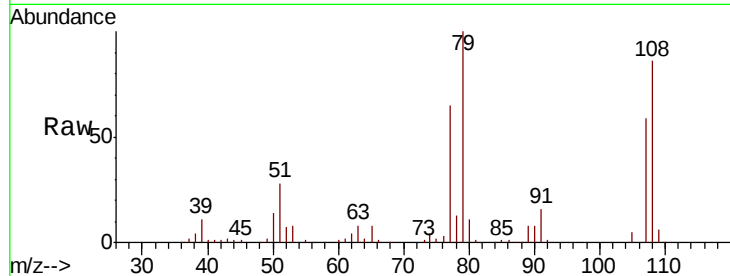
Tot Ion: 79 Resp: 231443

Ion Ratio Lower Upper

79 100

108 85.9 64.1 96.1

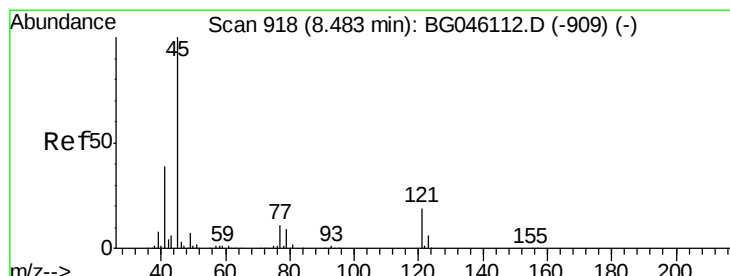
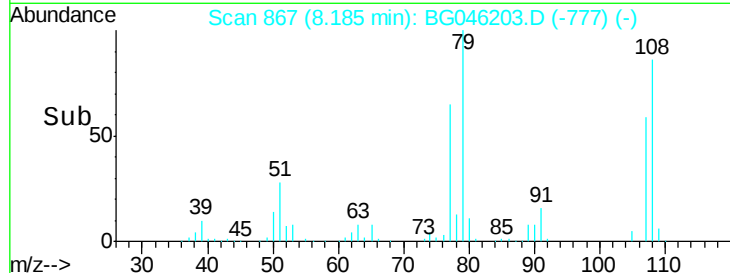
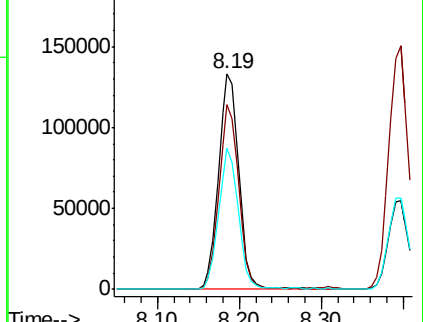
77 65.4 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.429 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

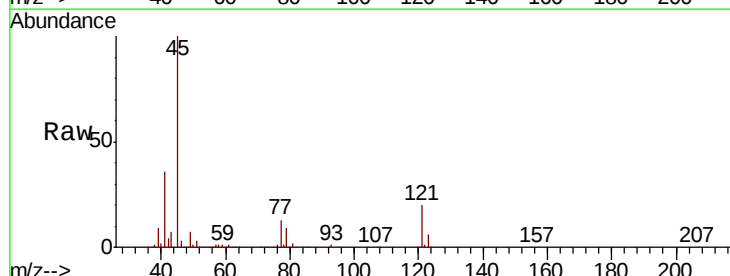
Tgt Ion: 45 Resp: 379835

Ion Ratio Lower Upper

45 100

77 12.9 0.0 31.9

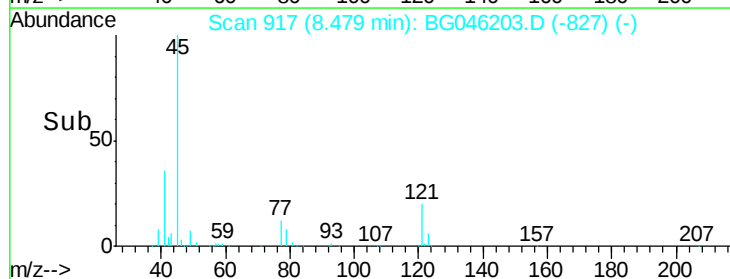
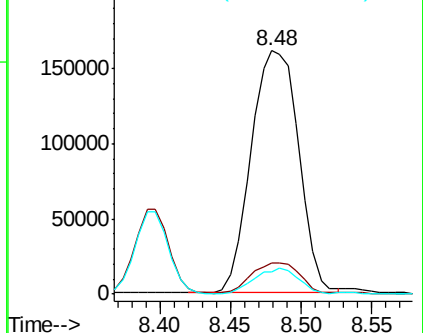
79 9.3 0.0 29.5

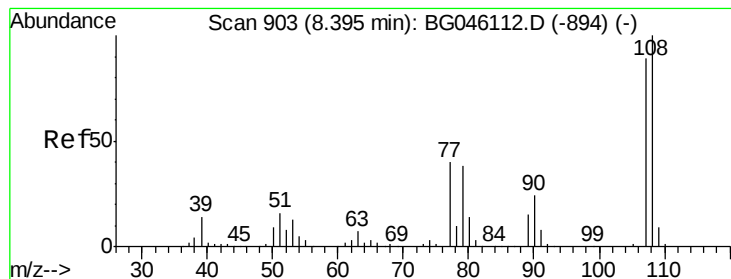


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

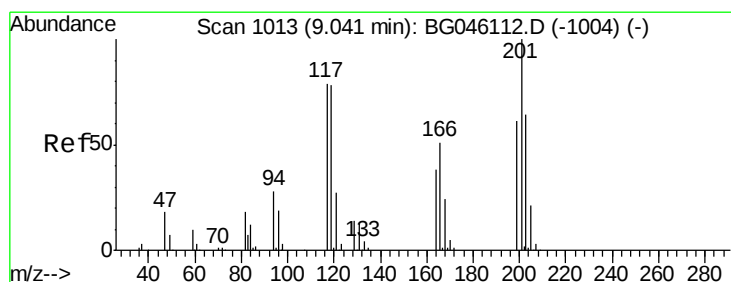
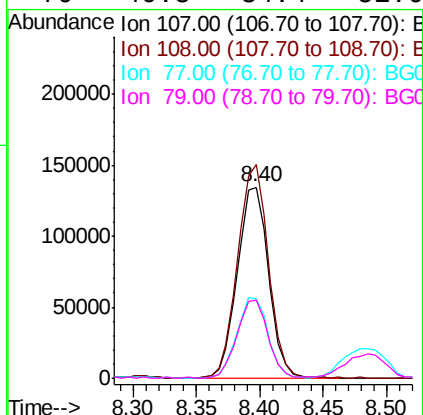
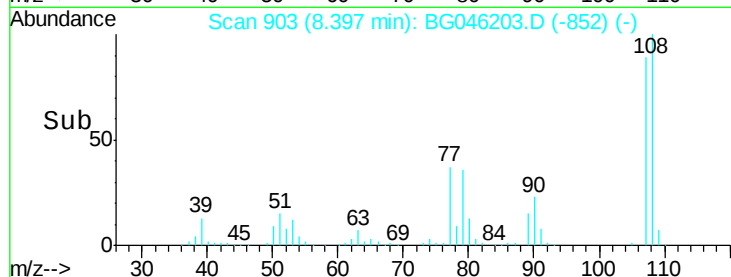
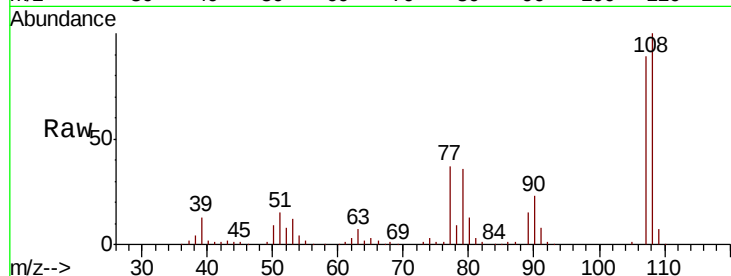




#17
2-Methylphenol
Concen: 42.581 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

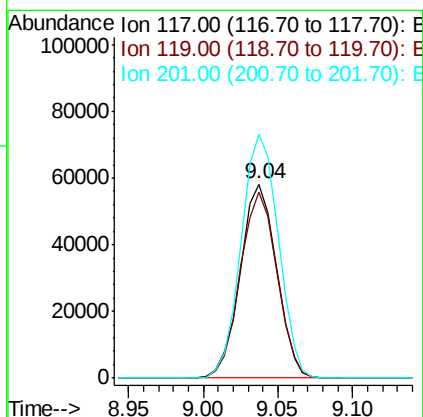
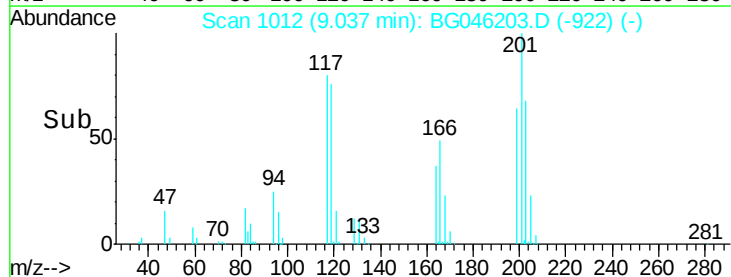
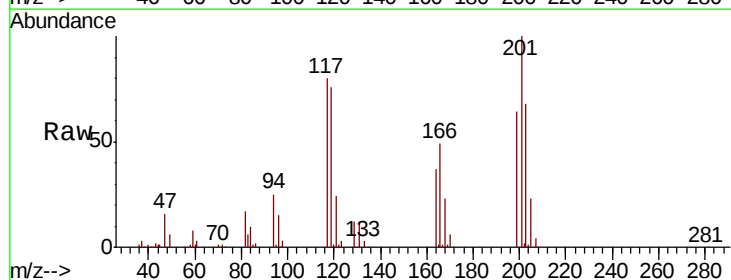
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

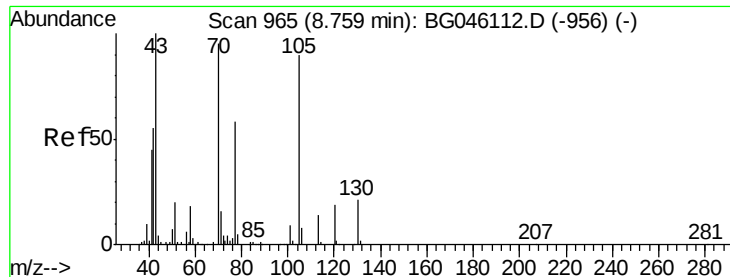
Tot Ion:	107	Resp:	229845
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.0	135.0
77	41.7	35.6	53.4
79	40.8	34.4	51.6



#18
Hexachloroethane
Concen: 37.415 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:	117	Resp:	98292
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.5	117.7
201	125.4	101.0	151.4

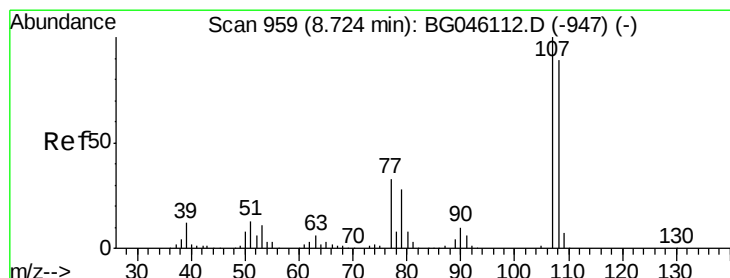
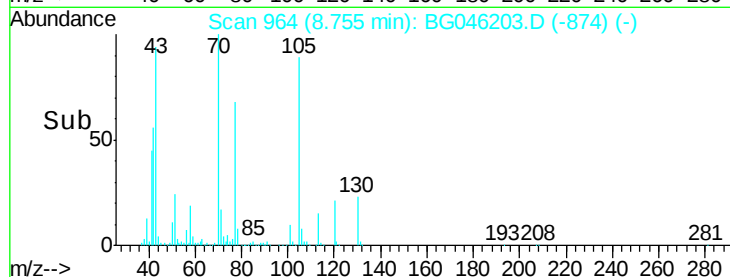
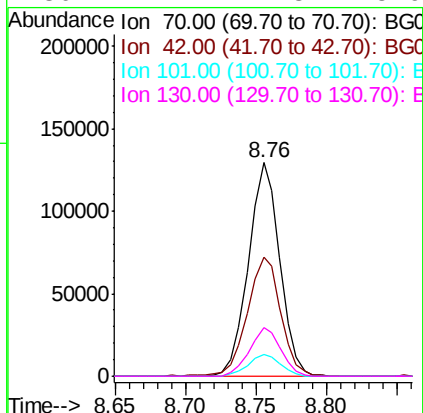
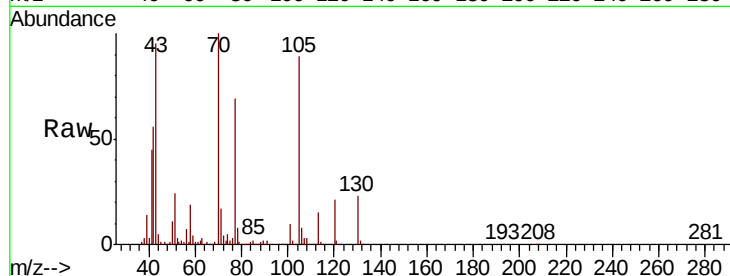




#19
n-Nitroso-di-n-propylamine
Concen: 38.920 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

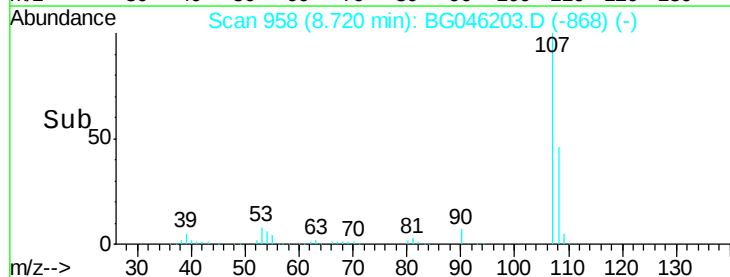
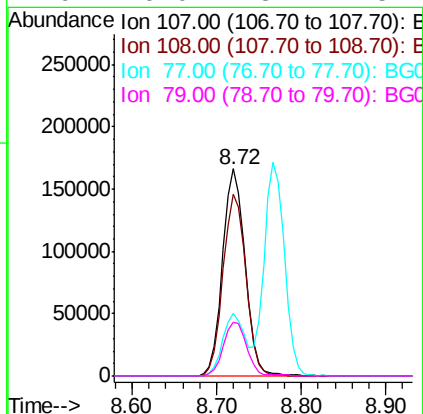
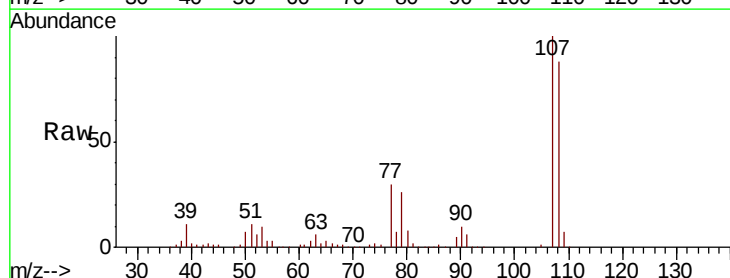
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

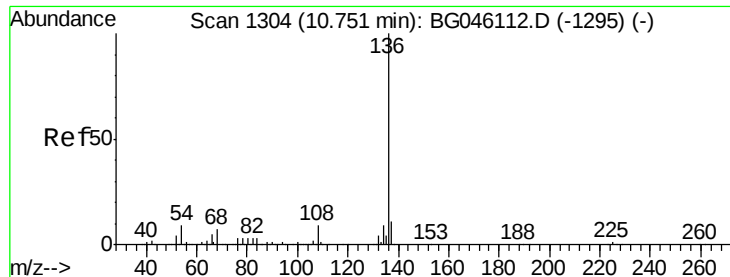
Tot Ion:	70	Resp:	201570
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.5	69.7
101	10.2	7.6	11.4
130	22.7	17.3	25.9



#20
3+4-Methylphenols
Concen: 41.590 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:	107	Resp:	307279
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.1	109.1
77	30.2	12.5	52.5
79	26.0	8.4	48.4

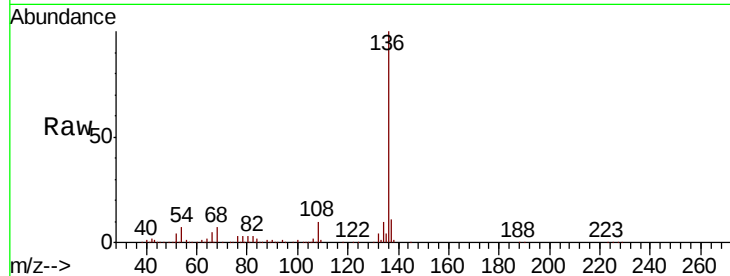




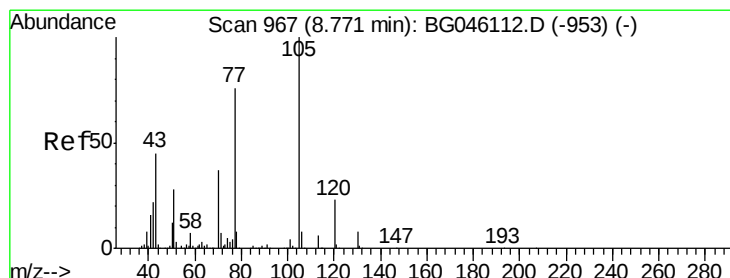
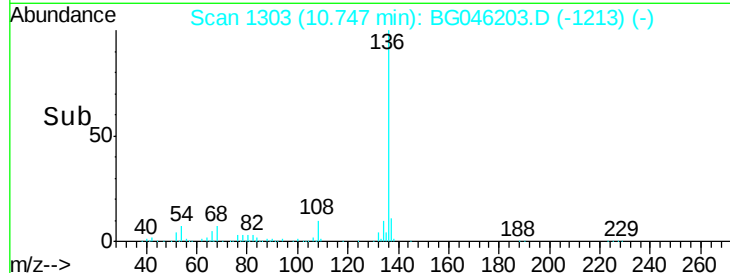
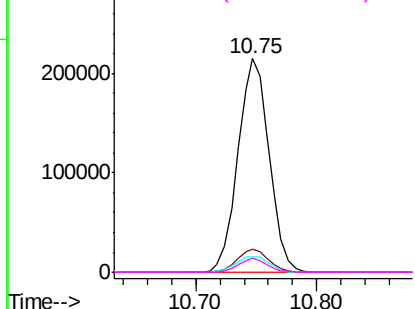
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion:136	Resp:	384698
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.4	7.0 10.4
68	6.6	5.3 7.9

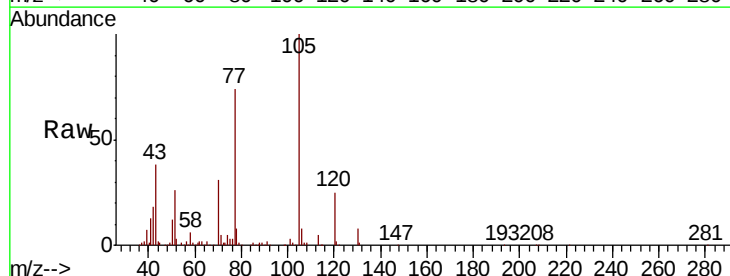


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

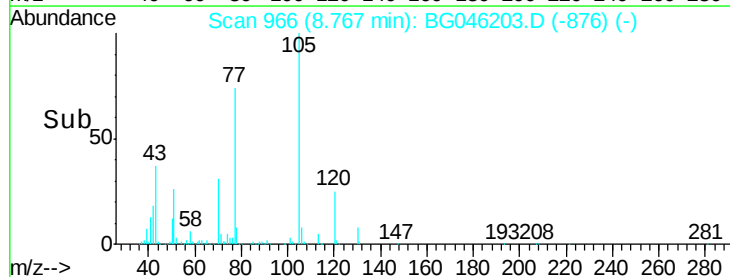
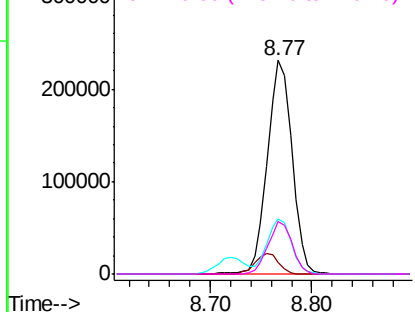


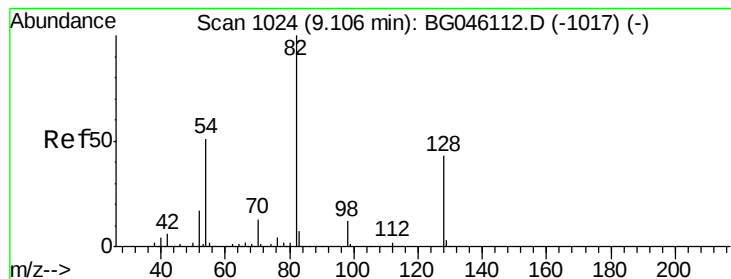
#22
Acetophenone
Concen: 39.866 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:105	Resp:	393586
Ion	Ratio	Lower Upper
105	100	
71	5.2	5.3 7.9#
51	26.1	22.7 34.1
120	24.5	18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.758 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

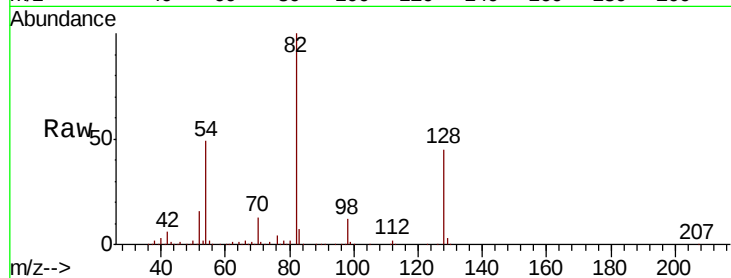
Tot Ion: 82 Resp: 538277

Ion Ratio Lower Upper

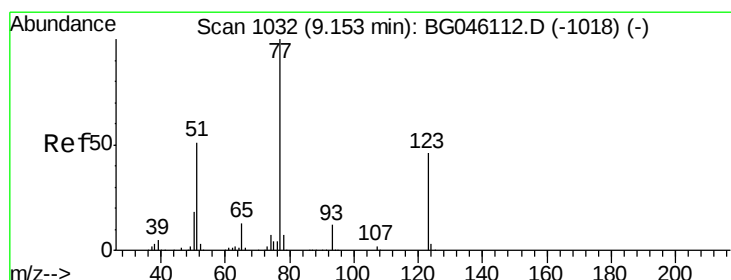
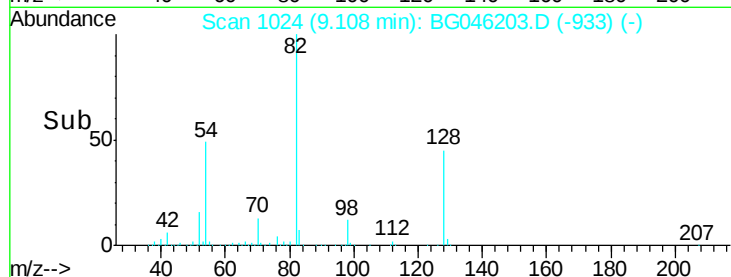
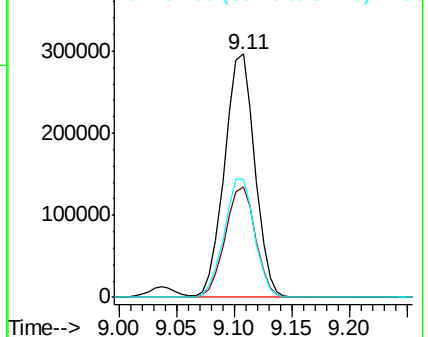
82 100

128 45.5 34.4 51.6

54 48.8 40.8 61.2



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: 37.578 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

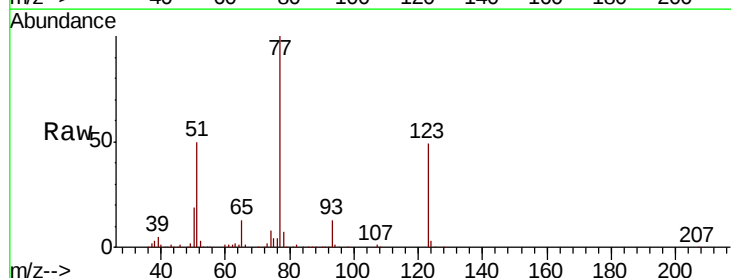
Tgt Ion: 77 Resp: 284668

Ion Ratio Lower Upper

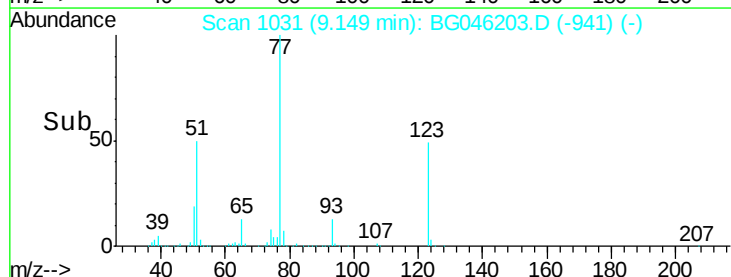
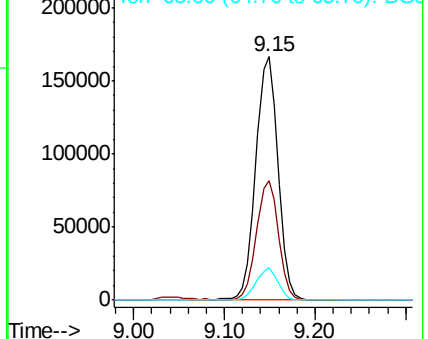
77 100

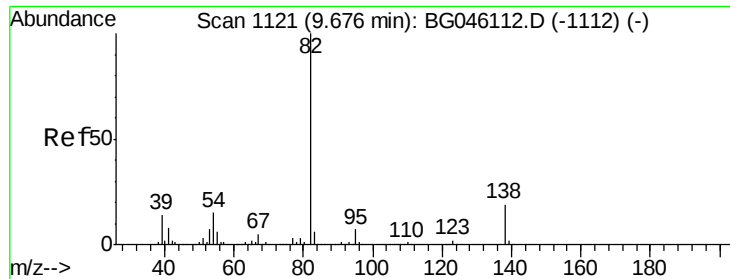
123 49.2 36.8 55.2

65 13.1 10.2 15.2



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: 39.557 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

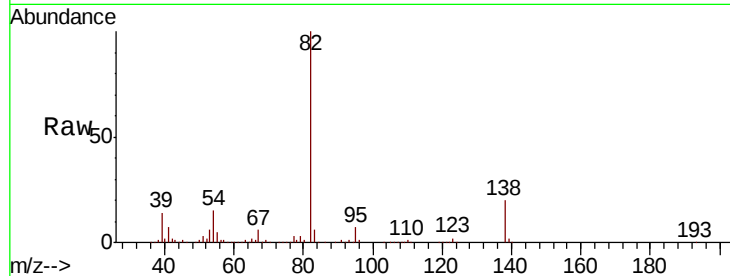
Tot Ion: 82 Resp: 559265

Ion Ratio Lower Upper

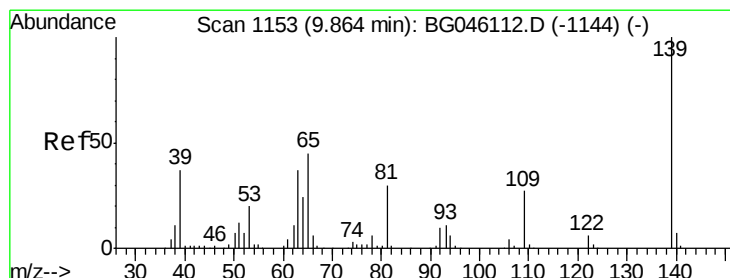
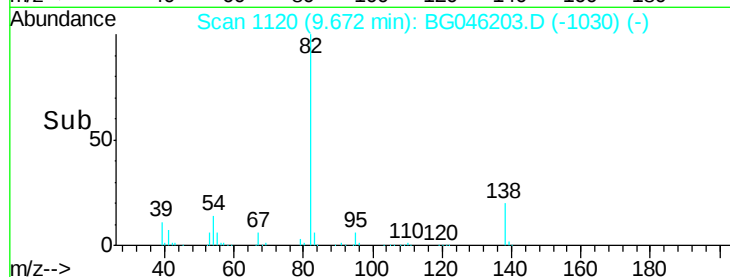
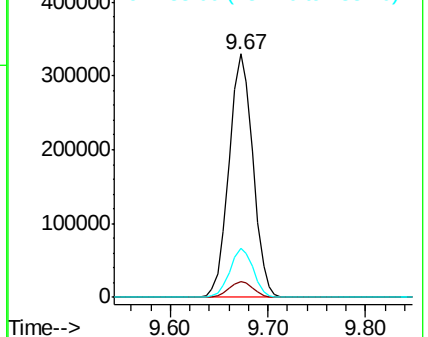
82 100

95 6.5 5.5 8.3

138 20.2 15.3 22.9



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: 45.595 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

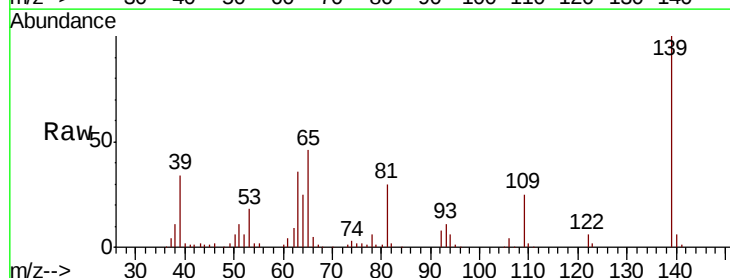
Tgt Ion: 139 Resp: 156541

Ion Ratio Lower Upper

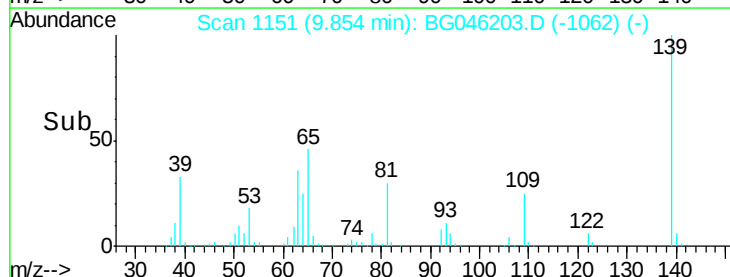
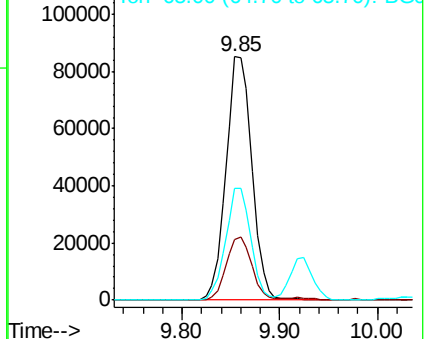
139 100

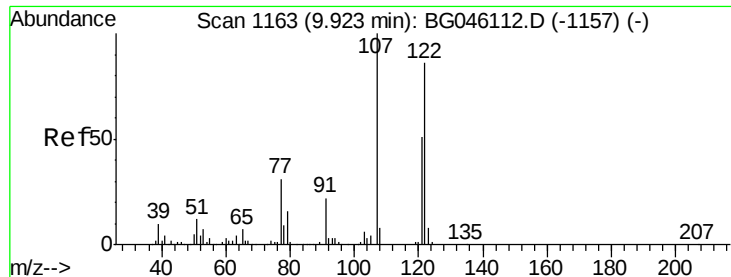
109 24.9 21.8 32.8

65 45.9 36.2 54.2



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: 45.613 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

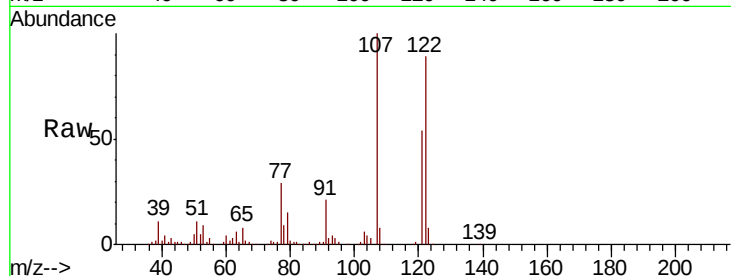
Tot Ion:122 Resp: 254784

Ion Ratio Lower Upper

122 100

107 112.9 92.4 138.6

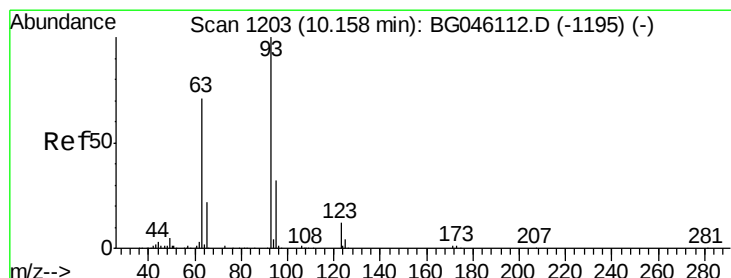
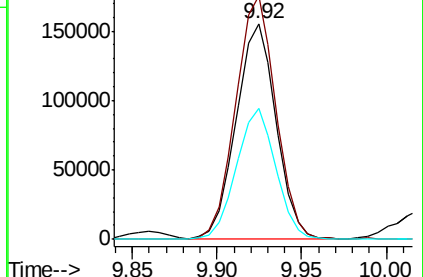
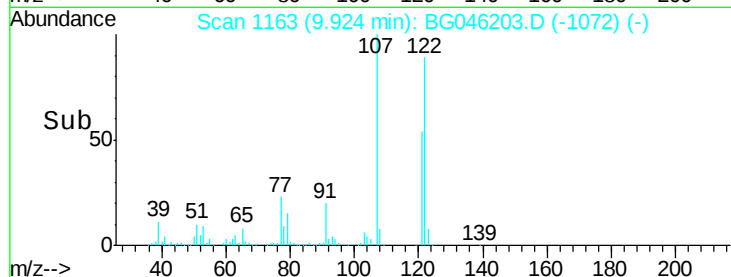
121 60.6 47.0 70.6



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: 44.075 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

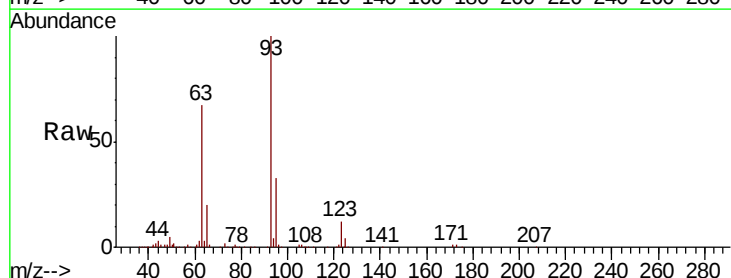
Tgt Ion: 93 Resp: 338830

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

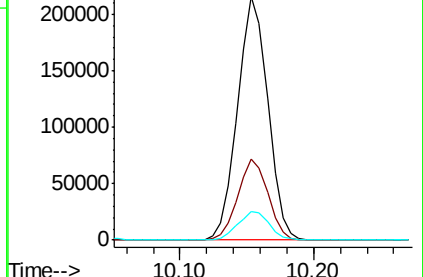
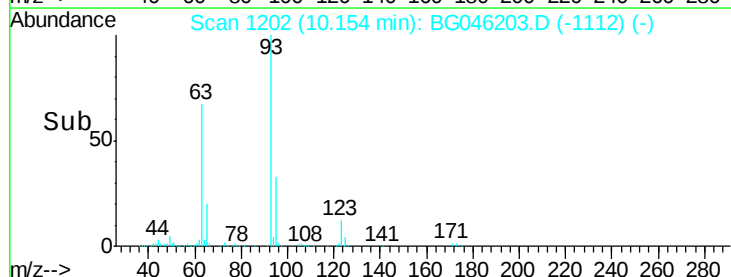
123 11.9 9.7 14.5

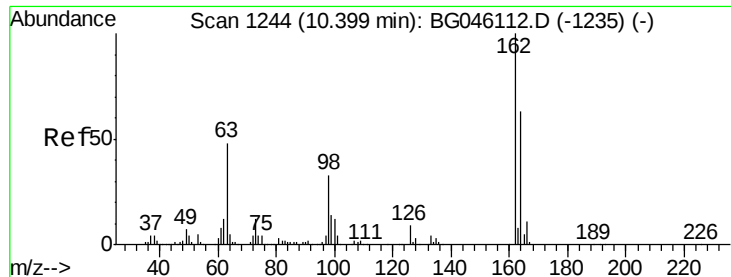


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

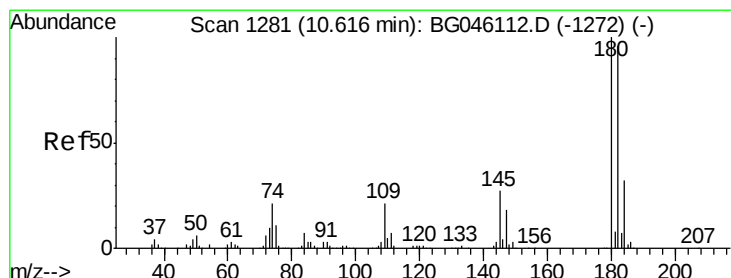
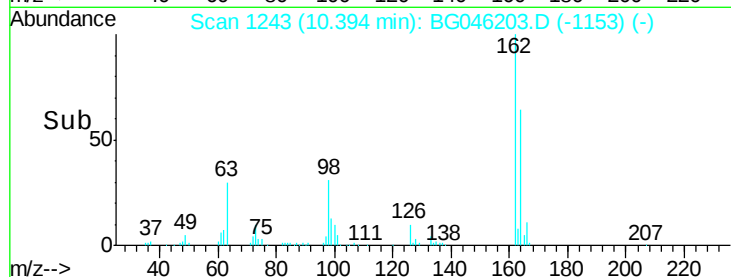
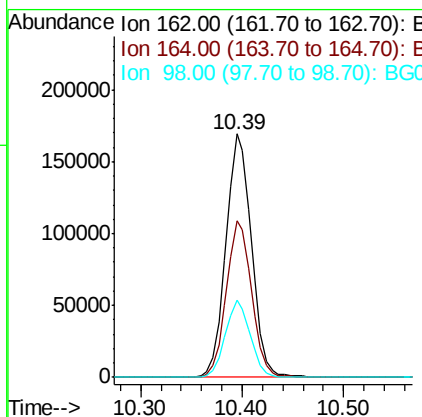
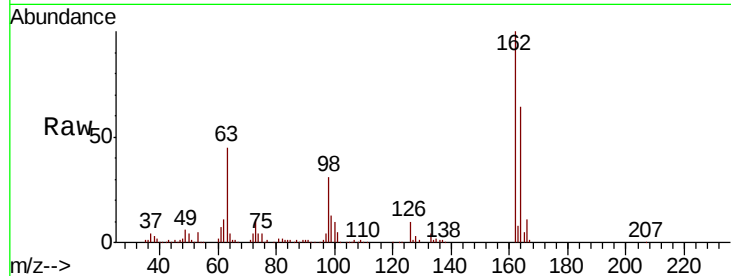




#29
 2,4-Dichlorophenol
 Concen: 44.982 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

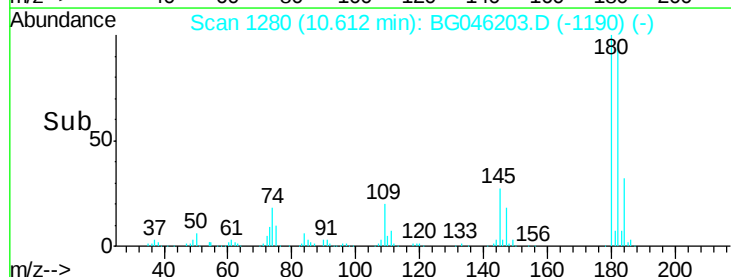
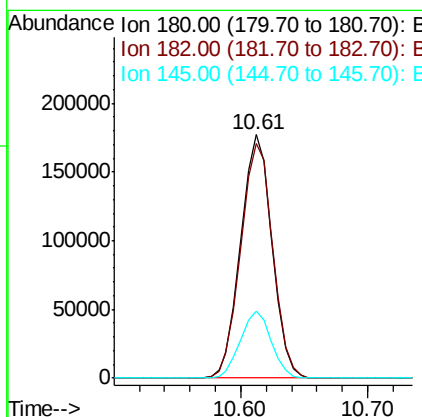
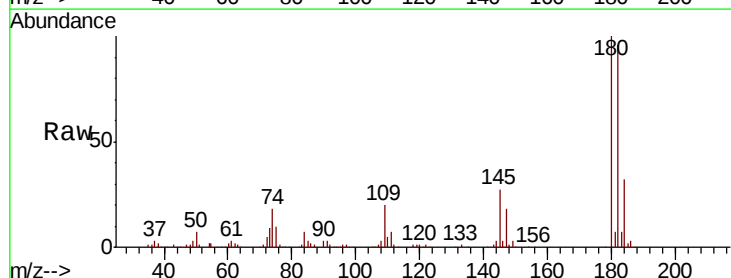
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

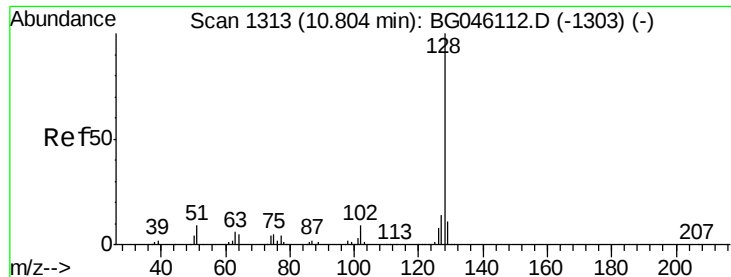
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	31.5	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.474 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
145	27.4	21.8	32.8

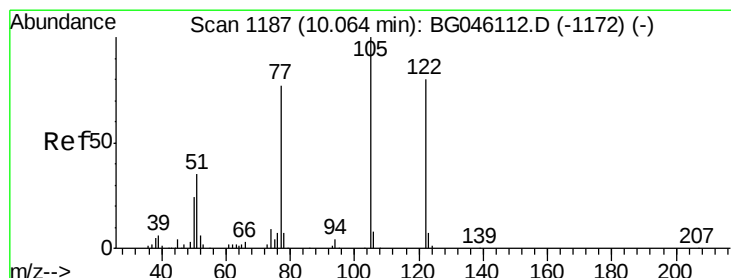
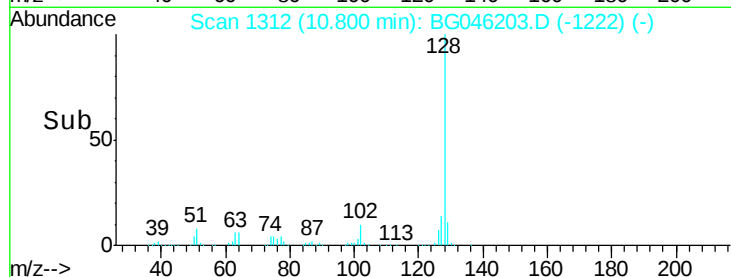
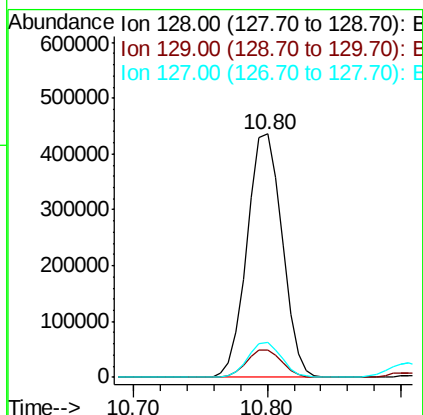
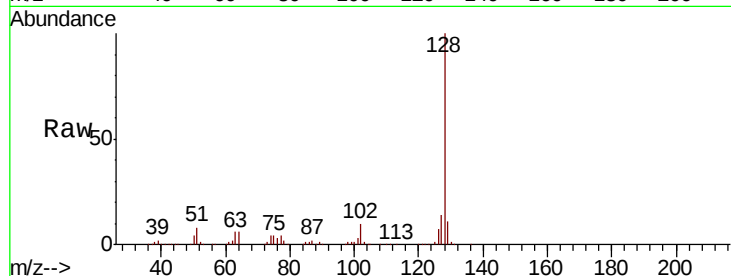




#31
Naphthalene
Concen: 38.869 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

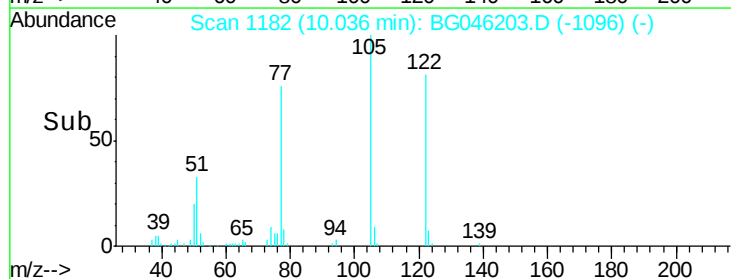
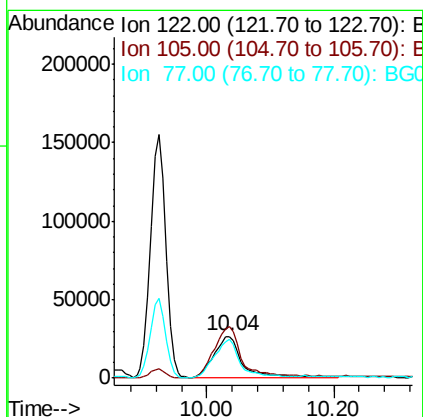
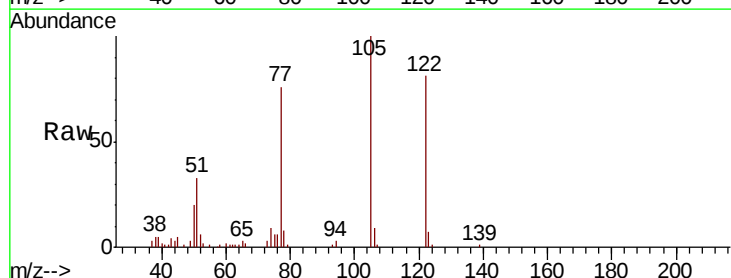
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

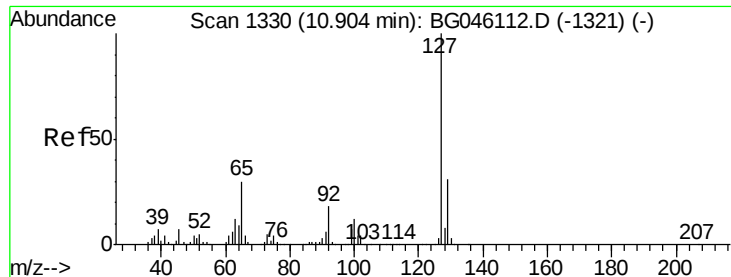
Tot Ion:128 Resp: 791176
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 25.059 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:122 Resp: 79932
Ion Ratio Lower Upper
122 100
105 123.4 103.0 143.0
77 93.7 75.2 115.2

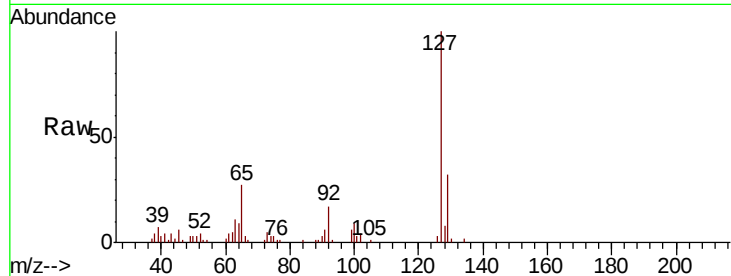




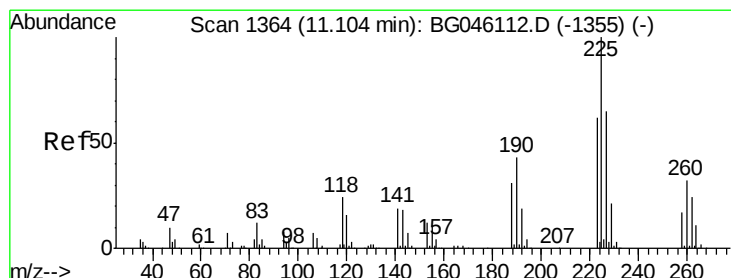
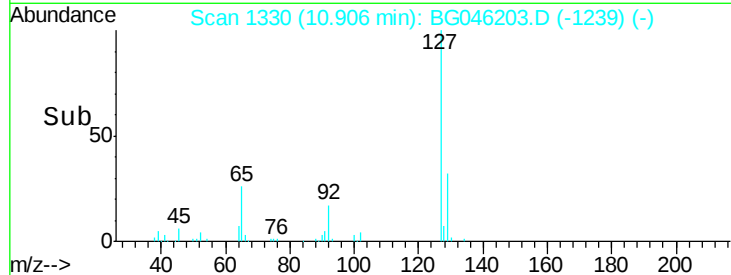
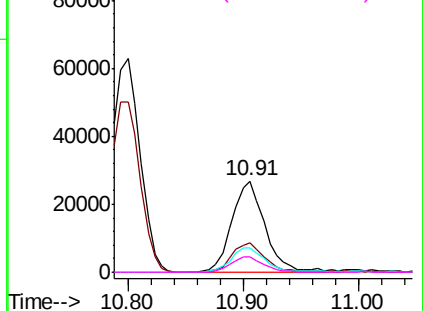
#33
4-Chloroaniline
Concen: 6.427 ng
RT: 10.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion:127	Resp:	53458	
Ion Ratio	Lower	Upper	
127 100			
129 31.8	25.2	37.8	
65 27.0	24.2	36.2	
92 16.9	14.5	21.7	

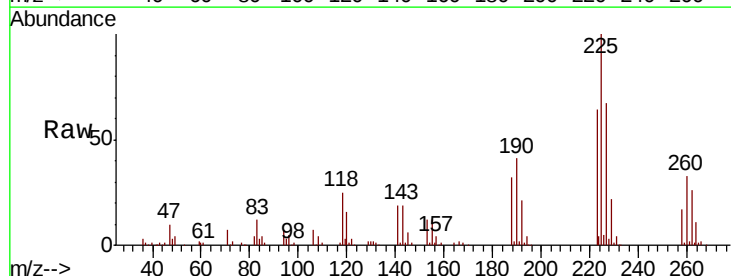


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

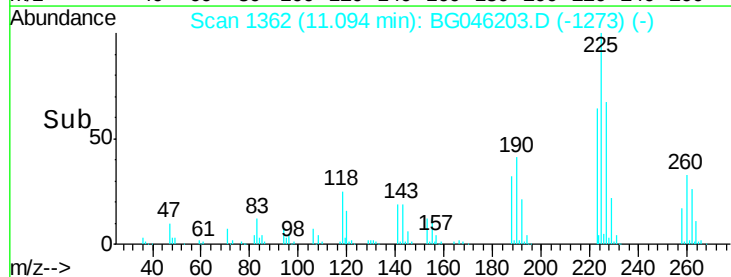
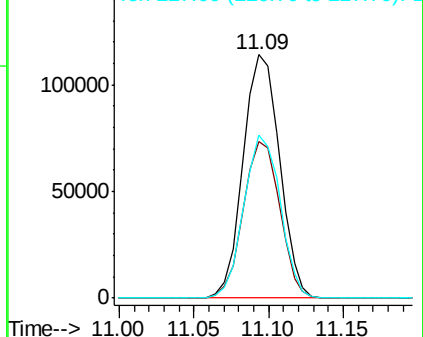


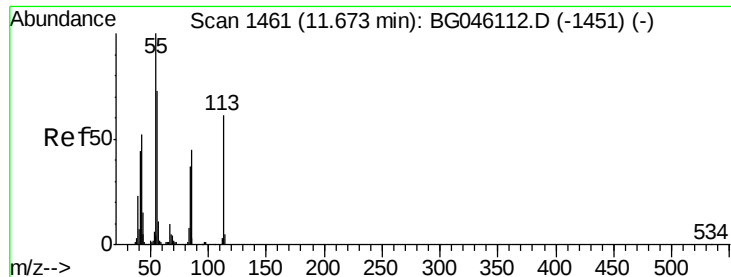
#34
Hexachlorobutadiene
Concen: 37.666 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt	Ion:225	Resp:	193004
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	66.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.372 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

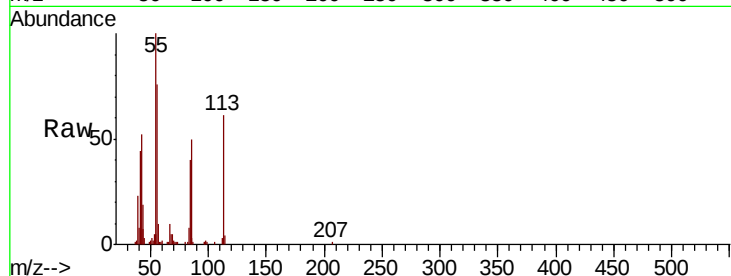
Tot Ion:113 Resp: 95428

Ion Ratio Lower Upper

113 100

55 163.7 144.7 184.7

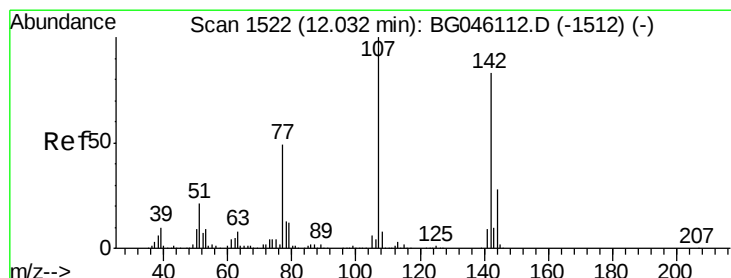
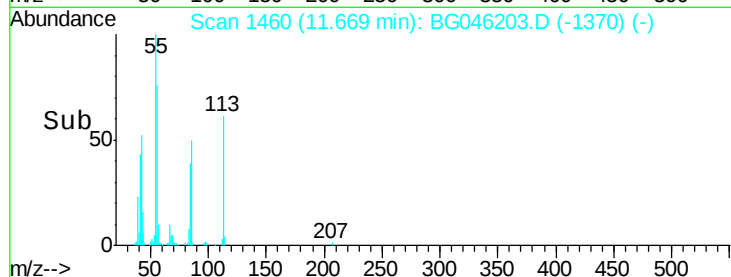
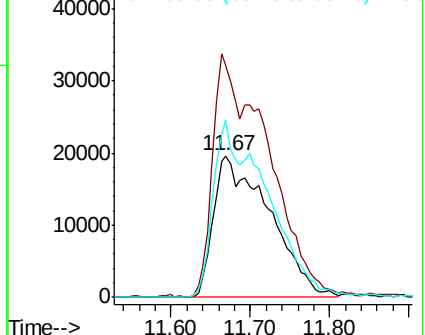
56 125.1 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG046112.D (-1451) (-)

Ion 56.00 (55.70 to 56.70): BG046112.D (-1451) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.100 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

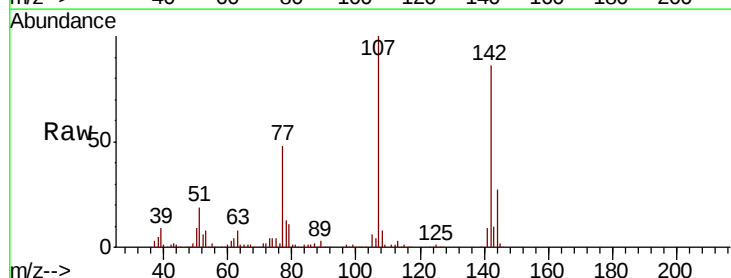
Tgt Ion:107 Resp: 297260

Ion Ratio Lower Upper

107 100

144 26.6 22.4 33.6

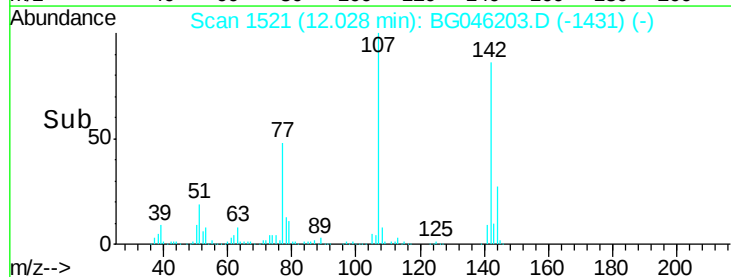
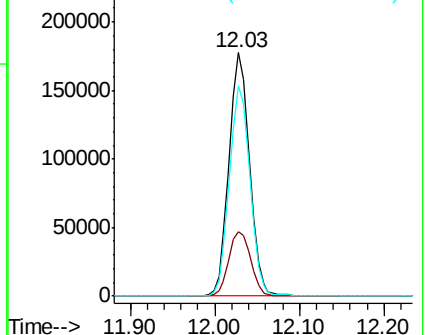
142 86.2 66.6 100.0

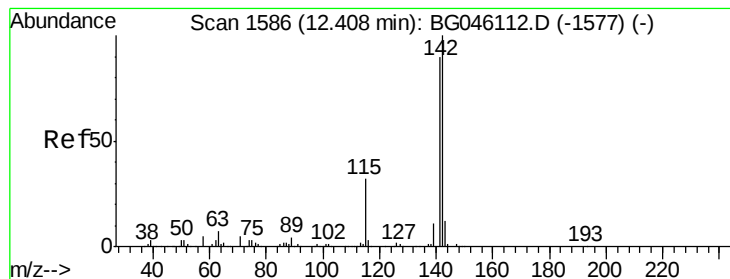


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.265 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

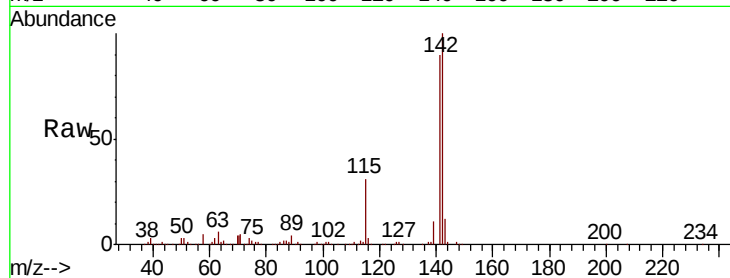
Tot Ion:142 Resp: 630660

Ion Ratio Lower Upper

142 100

141 90.3 71.7 107.5

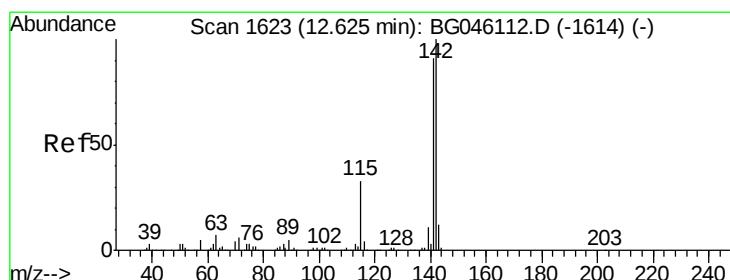
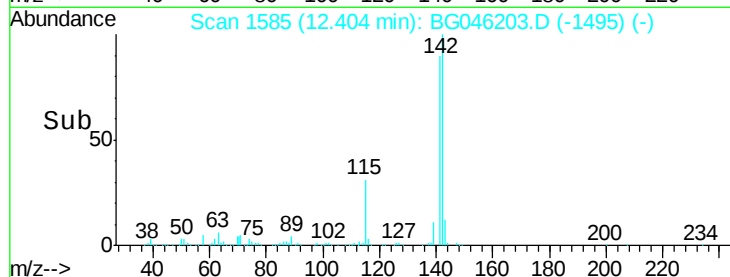
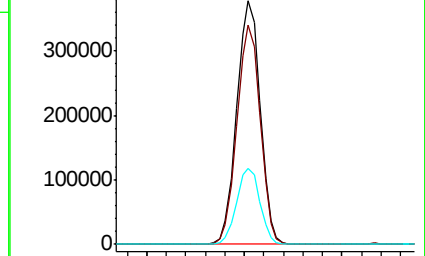
115 31.2 25.8 38.8



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: 40.514 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

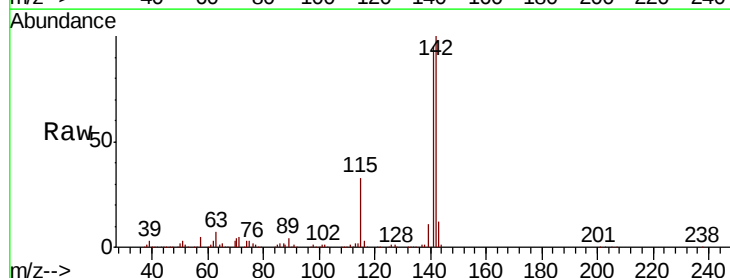
Tgt Ion:142 Resp: 600474

Ion Ratio Lower Upper

142 100

141 94.8 73.0 109.4

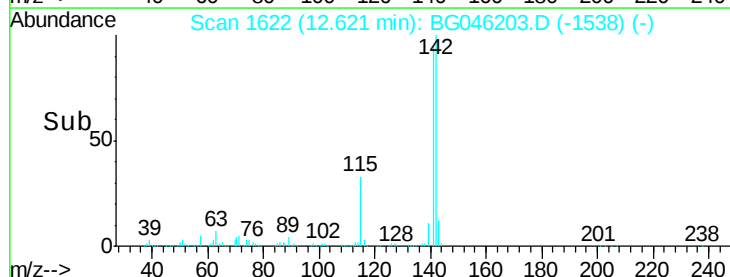
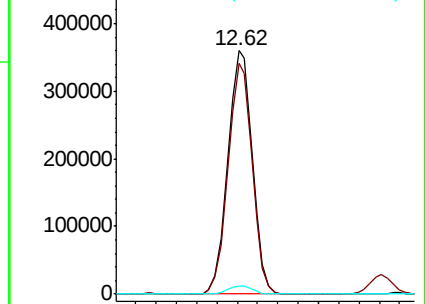
116 3.3 2.8 4.2

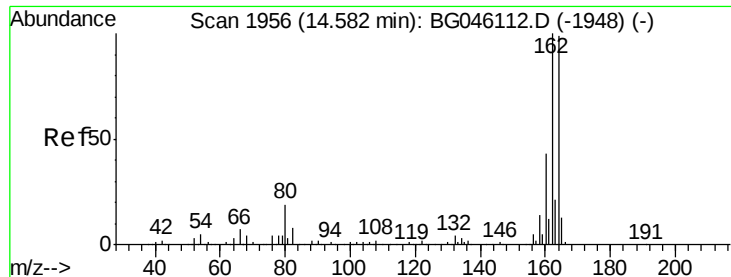


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

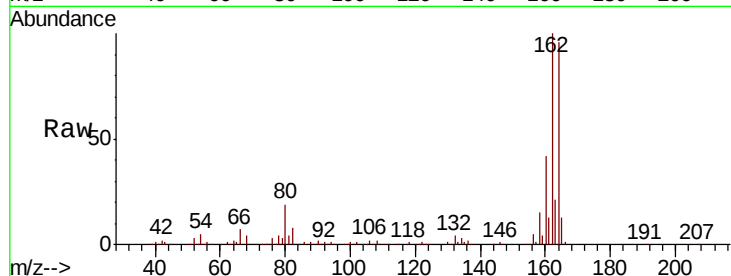
Tot Ion:164 Resp: 264362

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 44.0 34.9 52.3

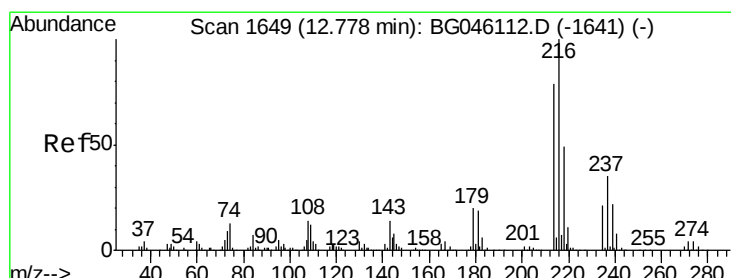
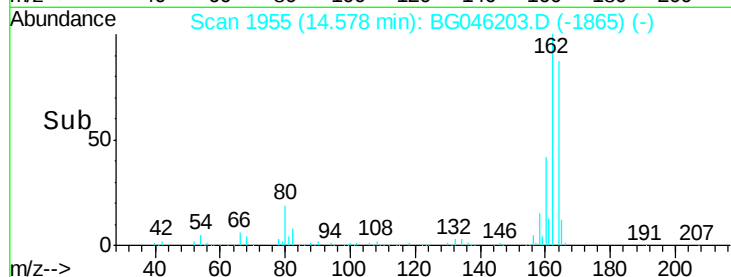
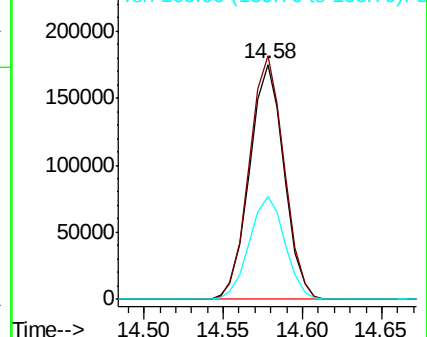


Abundance

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: 38.841 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Tgt Ion:216 Resp: 369966

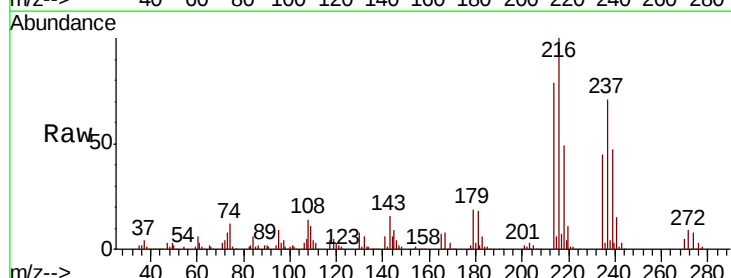
Ion Ratio Lower Upper

216 100

214 78.1 62.7 94.1

179 18.9 15.0 22.6

108 15.1 11.6 17.4



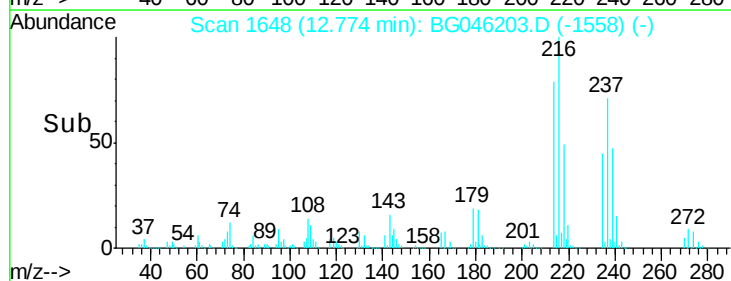
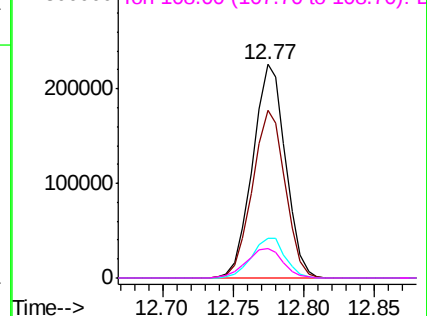
Abundance

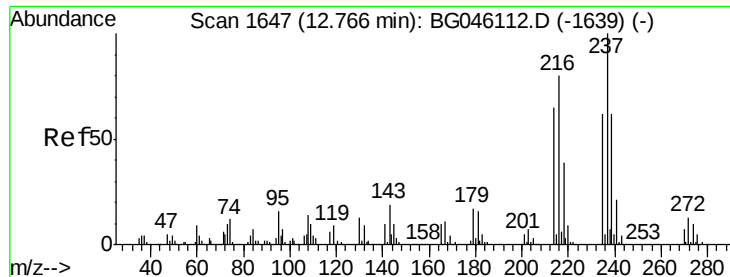
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.511 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

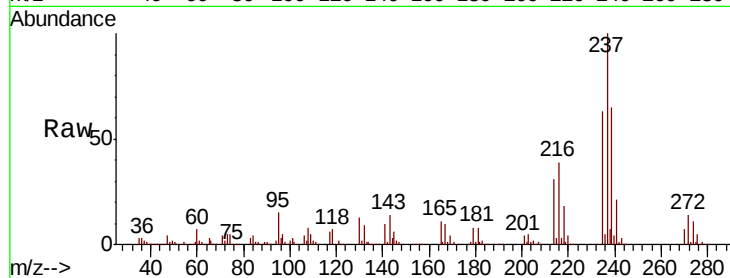
Tot Ion:237 Resp: 445333

Ion Ratio Lower Upper

237 100

235 63.1 42.3 82.3

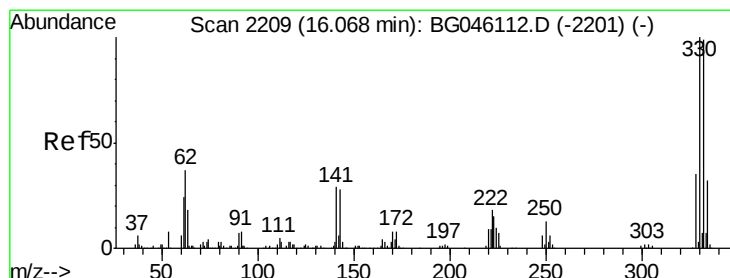
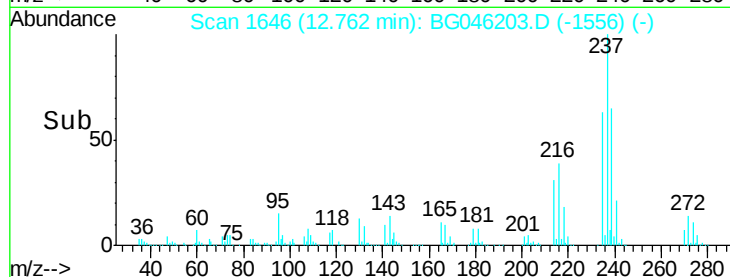
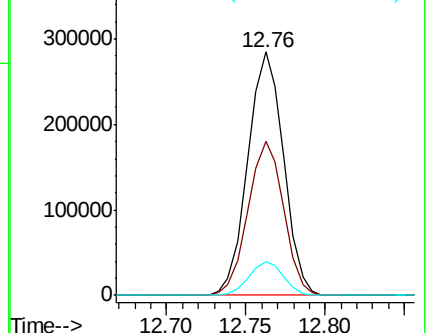
272 14.0 0.0 32.7



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: 130.169 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

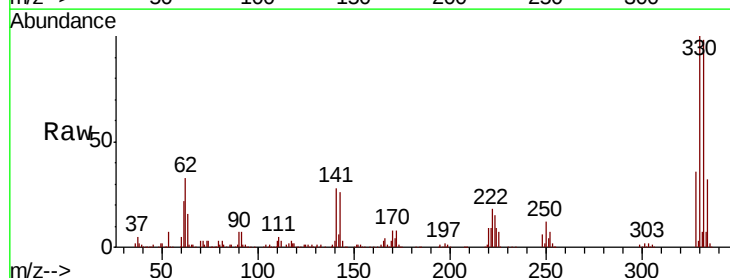
Tgt Ion:330 Resp: 528559

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

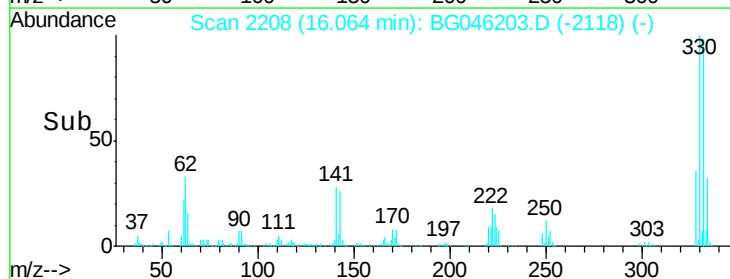
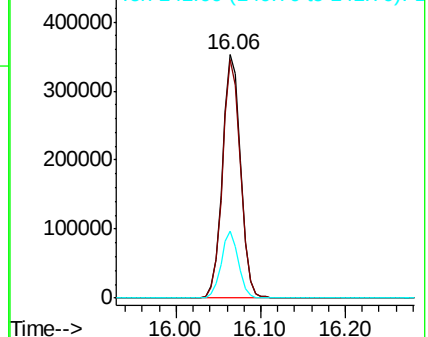
141 26.3 23.4 35.0

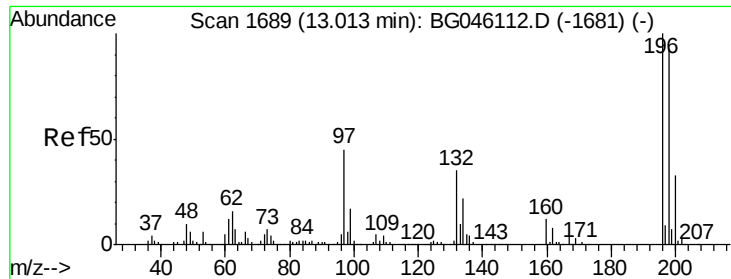


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

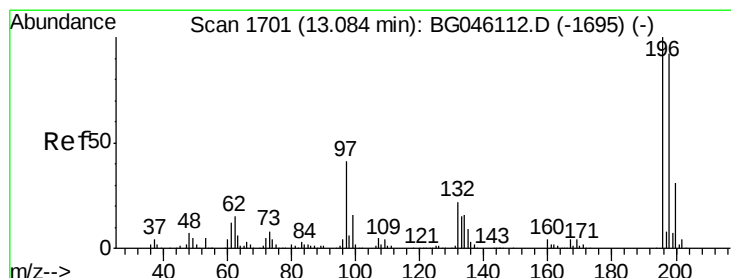
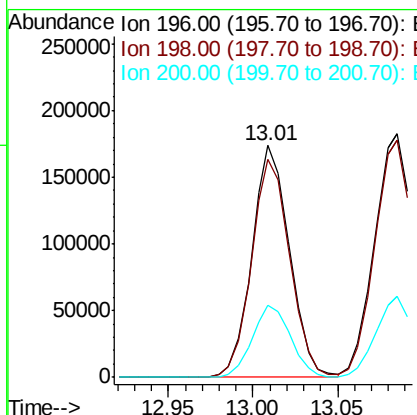
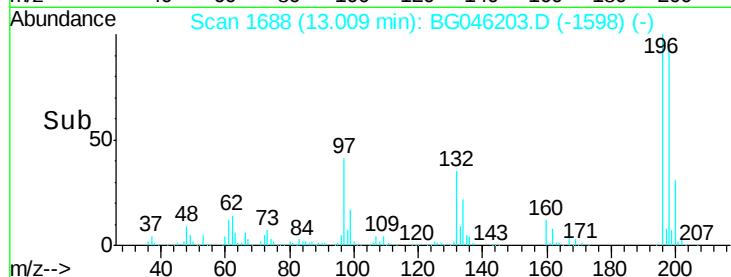
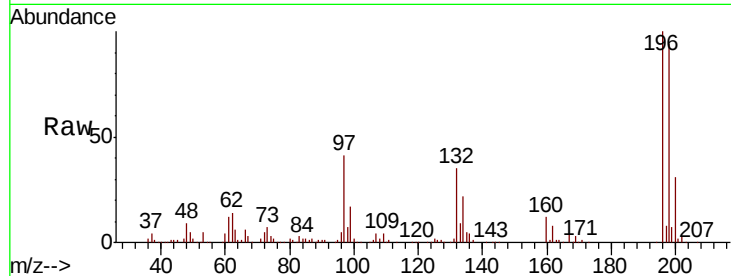




#43
 2,4,6-Trichlorophenol
 Concen: 44.084 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

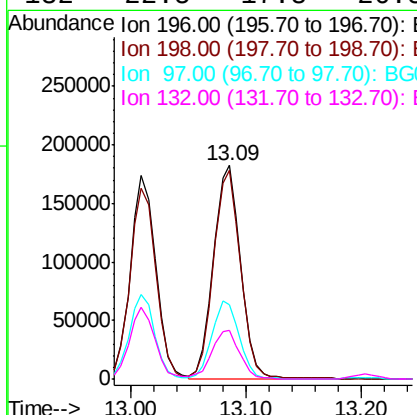
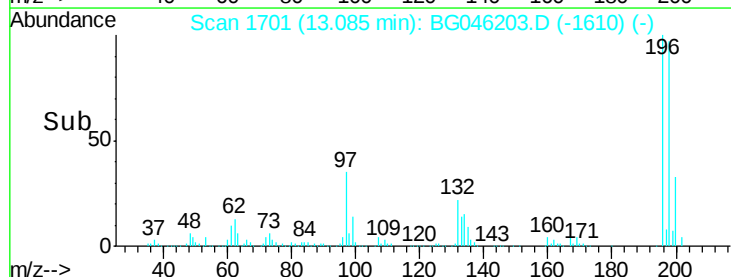
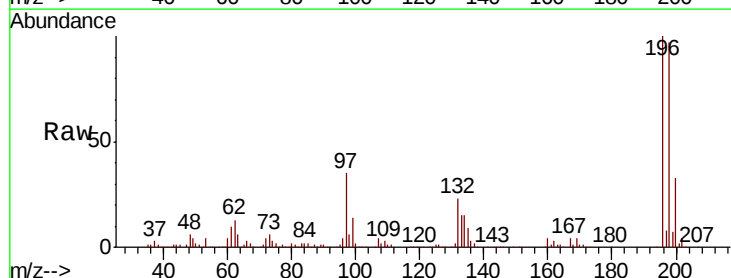
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

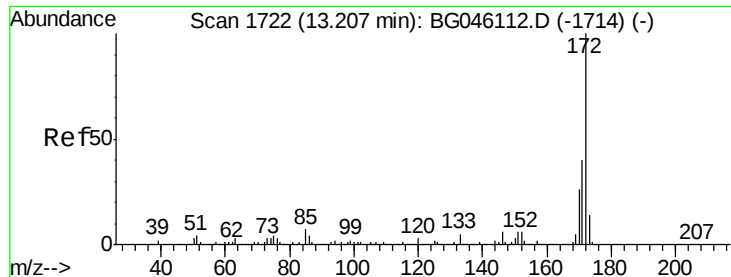
Tot Ion	196	Resp	267893
Ion Ratio	Lower	Upper	
196	100		
198	94.0	74.2	111.4
200	31.0	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.731 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion	196	Resp	296588
Ion Ratio	Lower	Upper	
196	100		
198	97.5	73.9	110.9
97	34.7	32.7	49.1
132	22.5	17.8	26.8

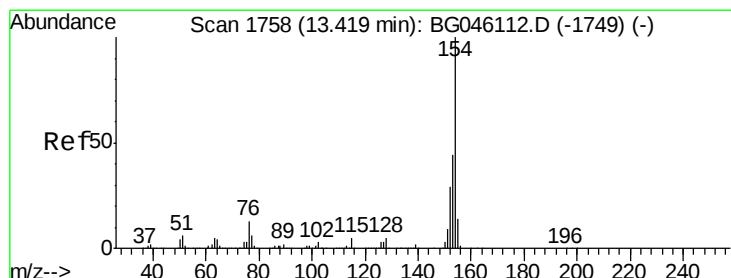
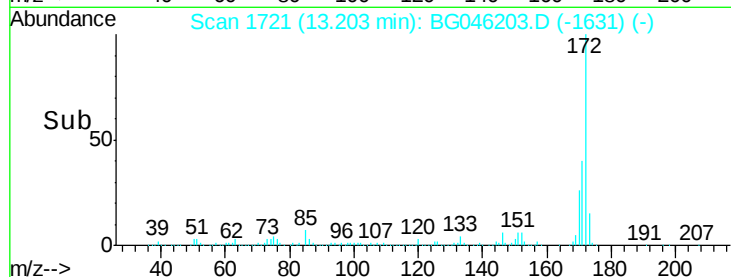
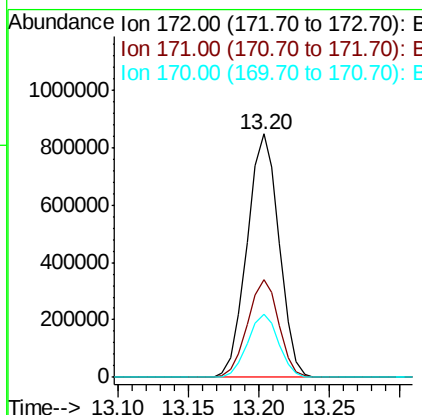
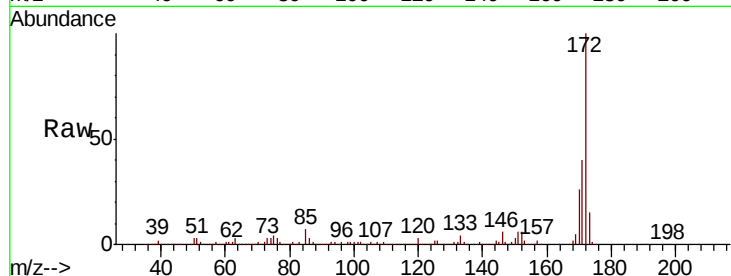




#45
2-Fluorobiphenyl
Concen: 74.074 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

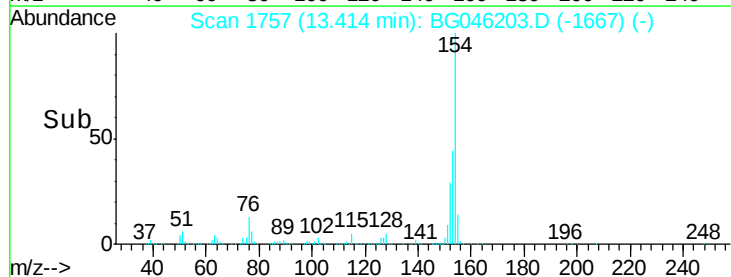
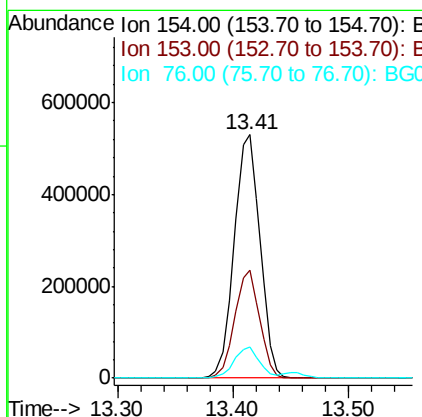
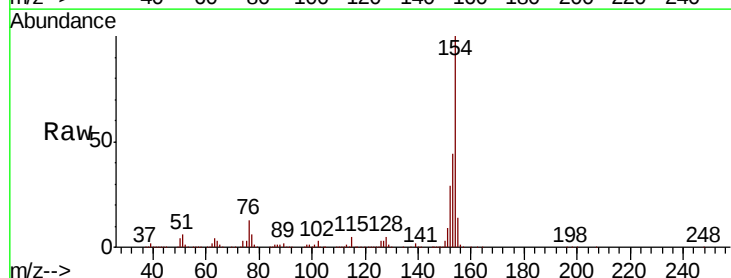
Instrument :
BNA_G
ClientSampled :
JB-1AMSD

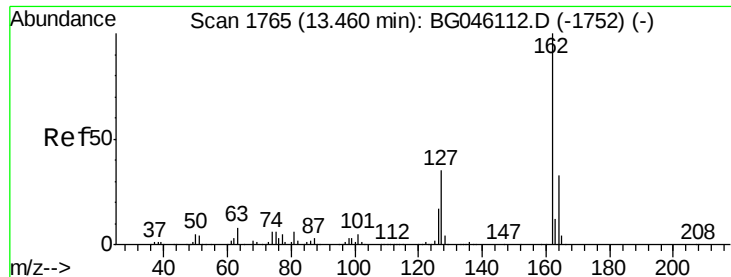
Tot Ion:172 Resp: 1348058
Ion Ratio Lower Upper
172 100
171 39.9 31.7 47.5
170 25.9 20.9 31.3



#46
1,1'-Biphenyl
Concen: 39.473 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:154 Resp: 818595
Ion Ratio Lower Upper
154 100
153 44.3 23.7 63.7
76 12.6 0.0 32.9

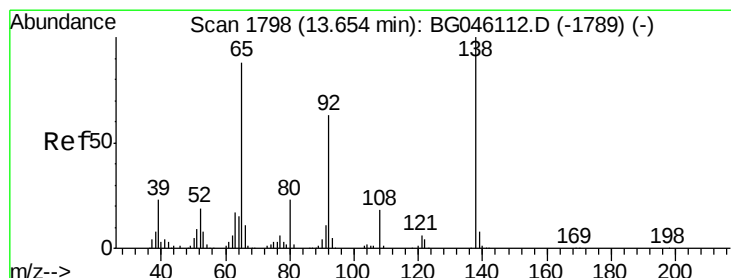
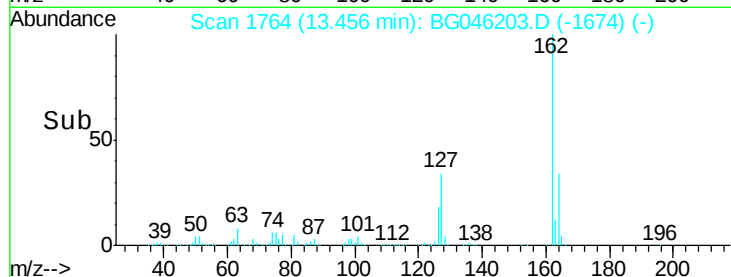
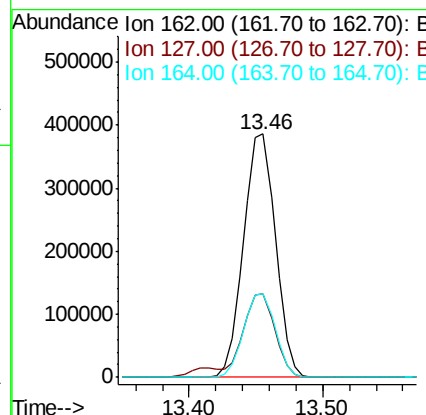
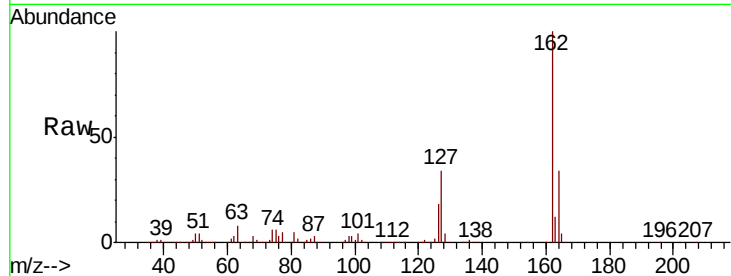




#47
 2-Chloronaphthalene
 Concen: 38.633 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

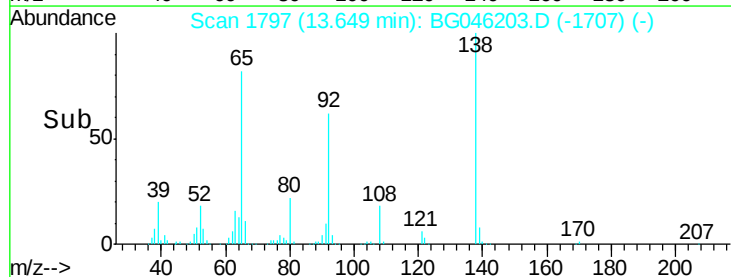
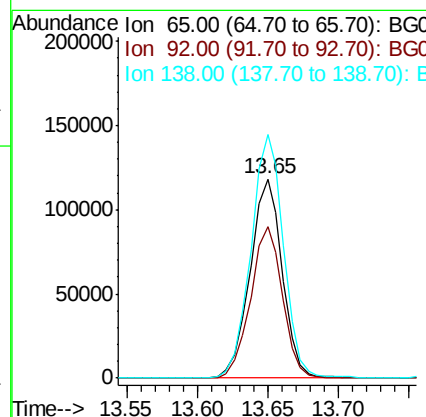
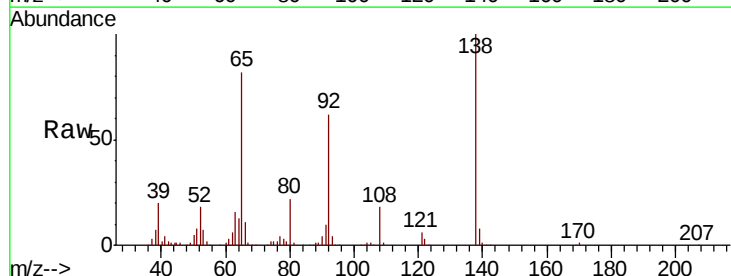
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

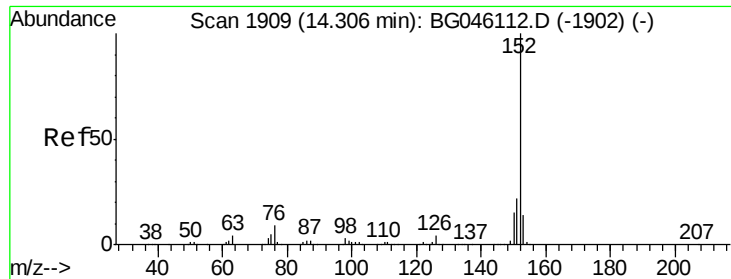
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	28.0	42.0
164	34.2	26.5	39.7



#48
 2-Nitroaniline
 Concen: 43.720 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	57.4	86.2
138	122.3	91.1	136.7





#49

Acenaphthylene

Concen: 40.606 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

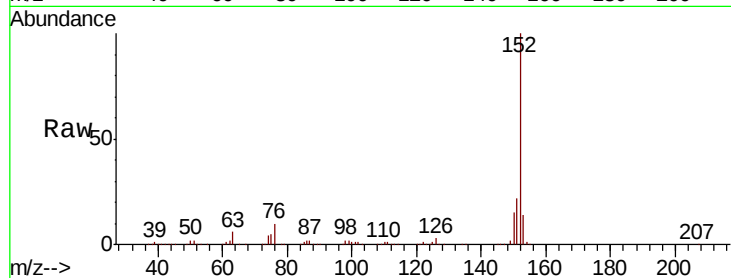
Tot Ion:152 Resp: 1043055

Ion Ratio Lower Upper

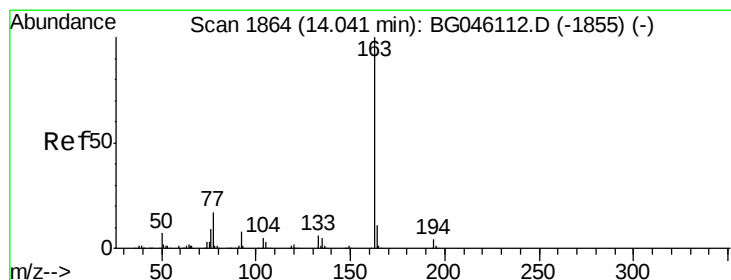
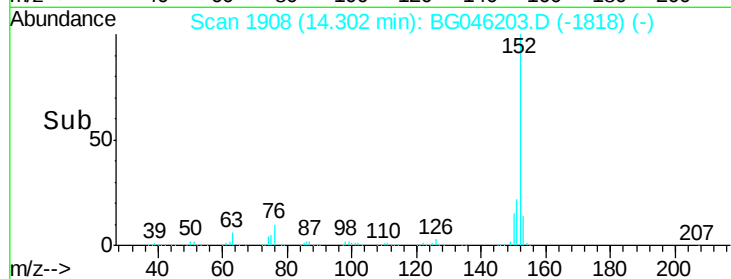
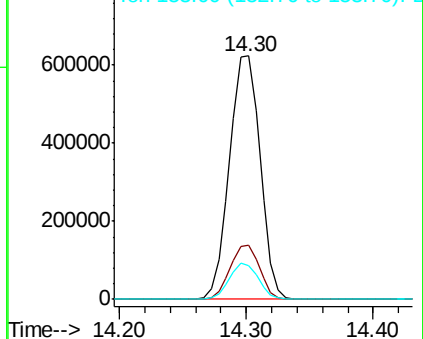
152 100

151 22.3 17.4 26.2

153 14.1 10.9 16.3



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: 44.014 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

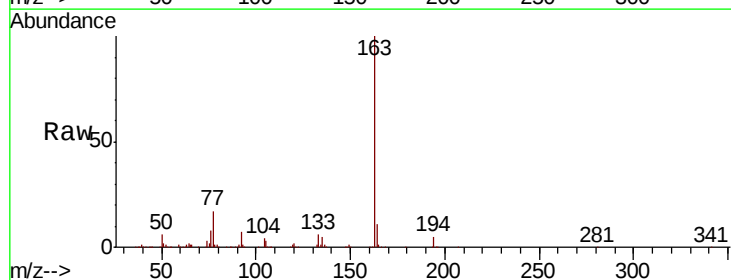
Tgt Ion:163 Resp: 893064

Ion Ratio Lower Upper

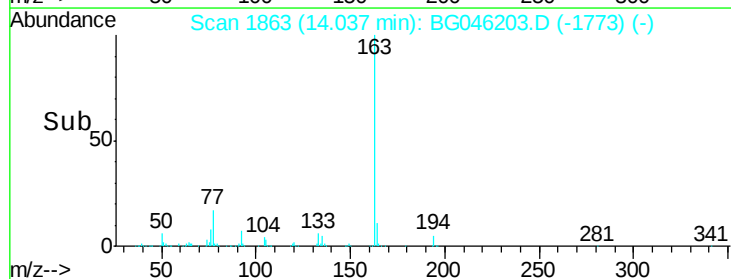
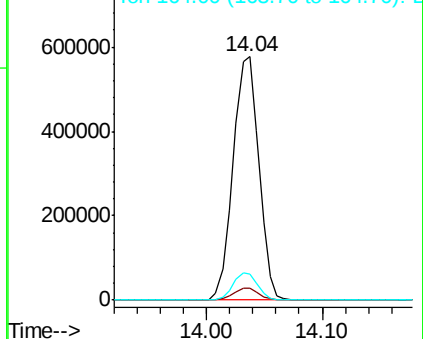
163 100

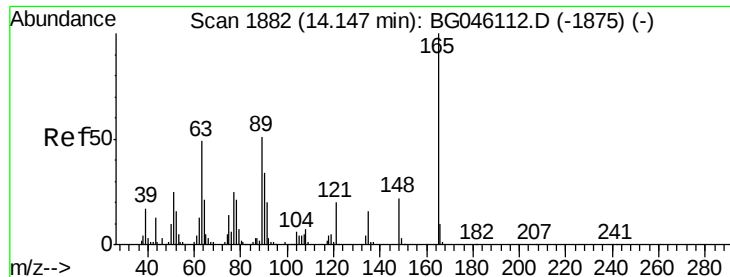
194 4.8 3.5 5.3

164 10.6 8.8 13.2



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

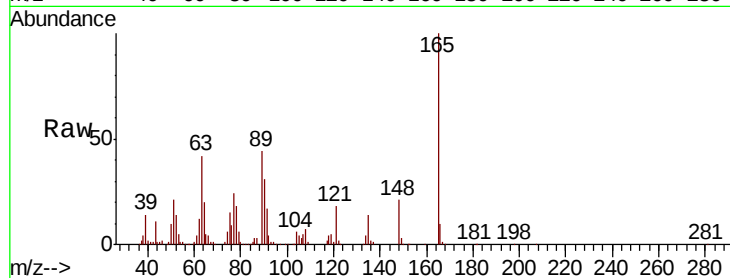




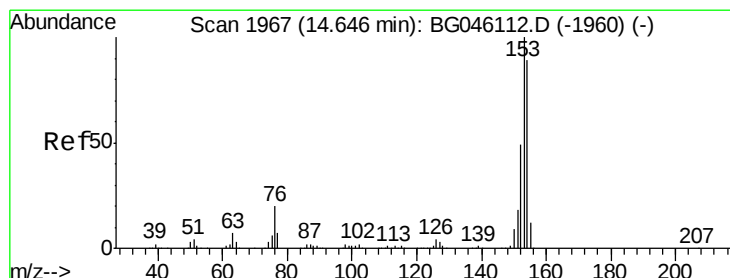
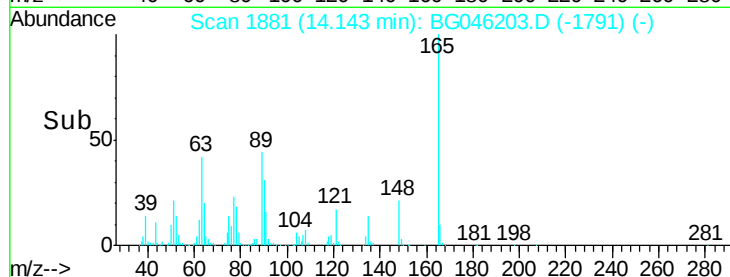
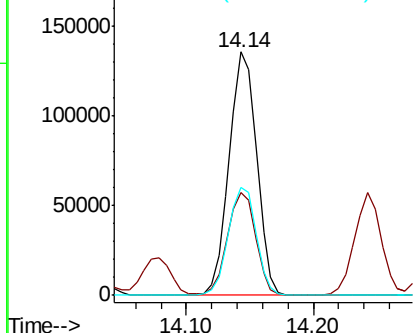
#51
 2,6-Dinitrotoluene
 Concen: 43.186 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

Tot Ion	165	Resp	203933
Ion Ratio	Lower	Upper	
165	100		
63	42.3	39.7	59.5
89	44.2	41.0	61.6

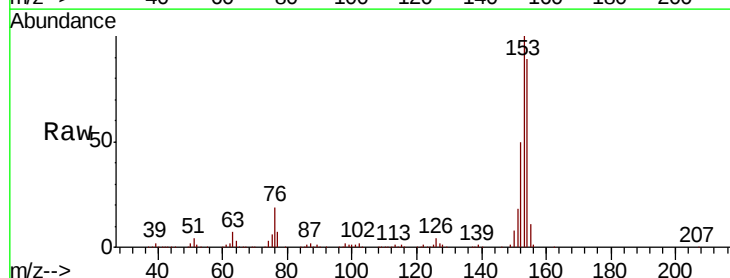


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

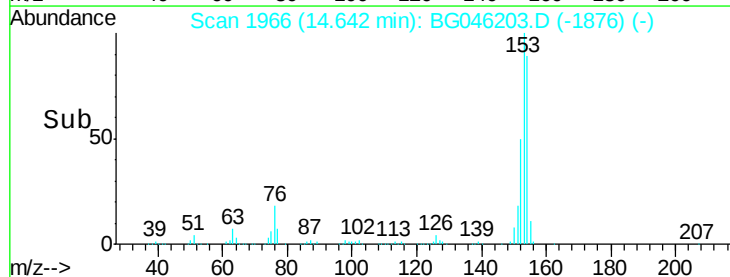
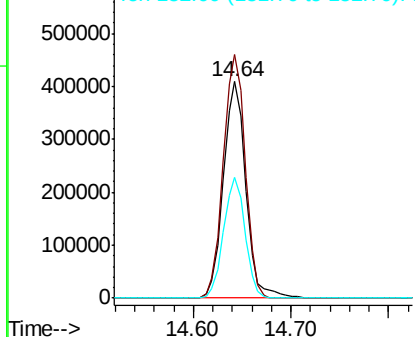


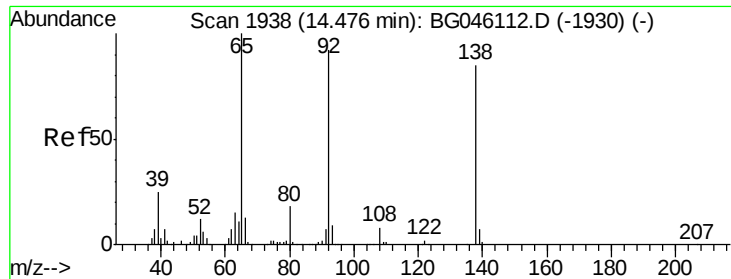
#52
 Acenaphthene
 Concen: 38.359 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion	154	Resp	650307
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.8	134.8
152	56.0	44.5	66.7



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





#53

3-Nitroaniline

Concen: 20.029 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

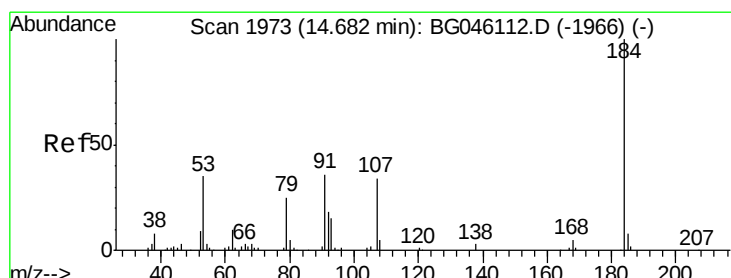
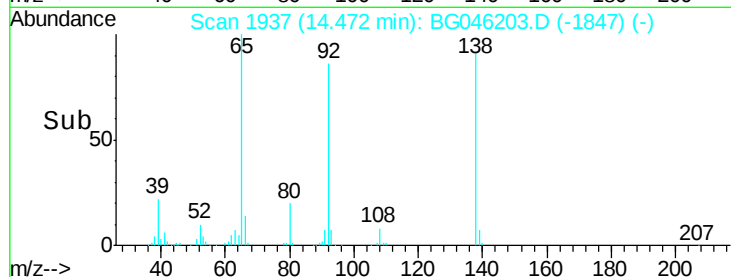
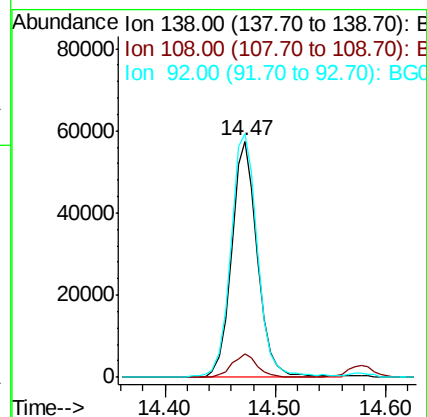
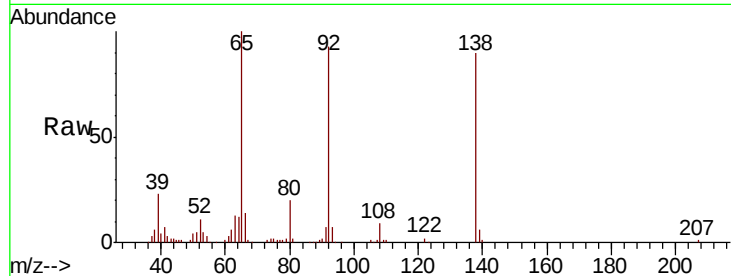
Tot Ion:138 Resp: 93766

Ion Ratio Lower Upper

138 100

108 9.9 7.2 10.8

92 103.0 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 22.186 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

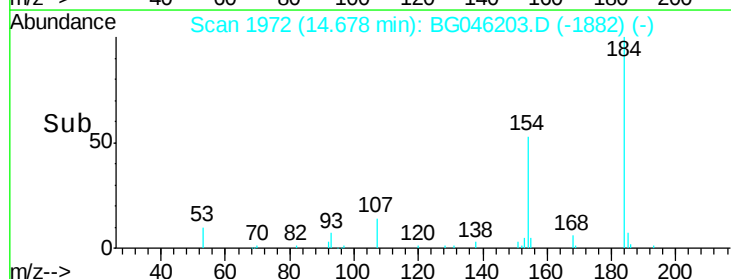
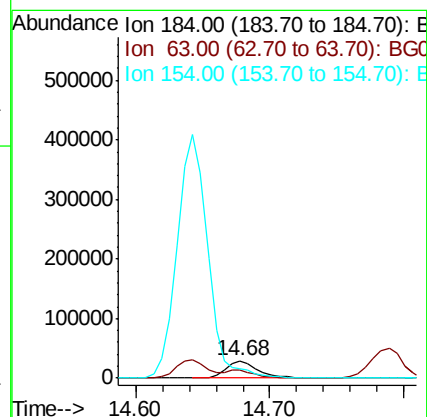
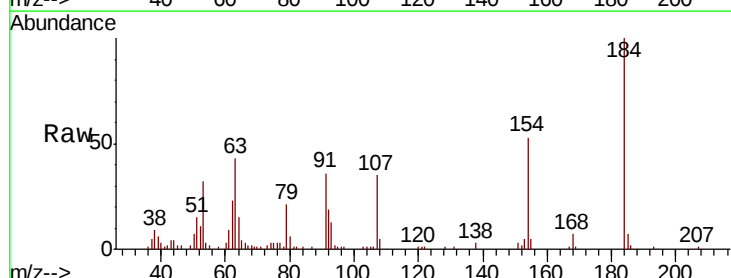
Tgt Ion:184 Resp: 49616

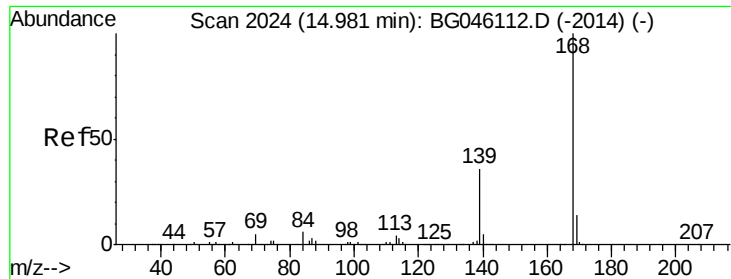
Ion Ratio Lower Upper

184 100

63 43.2 36.7 55.1

154 52.8 41.3 61.9

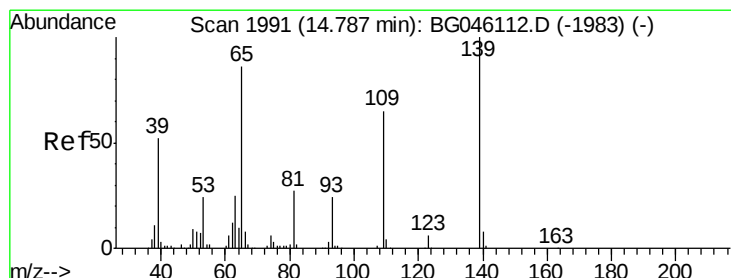
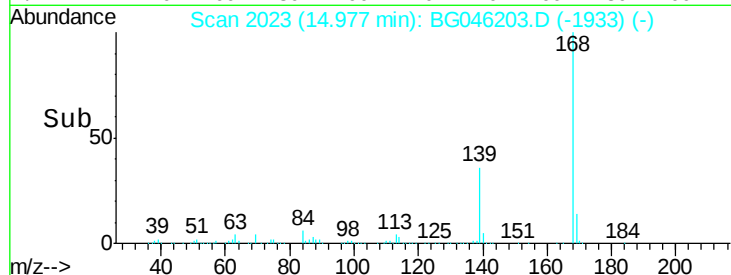
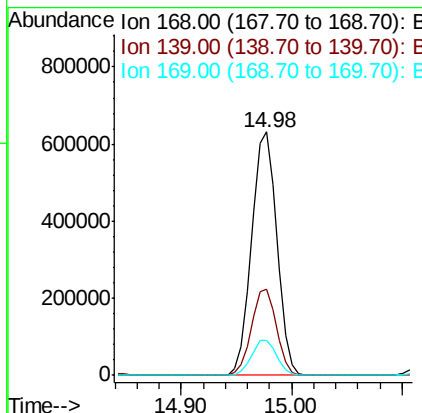
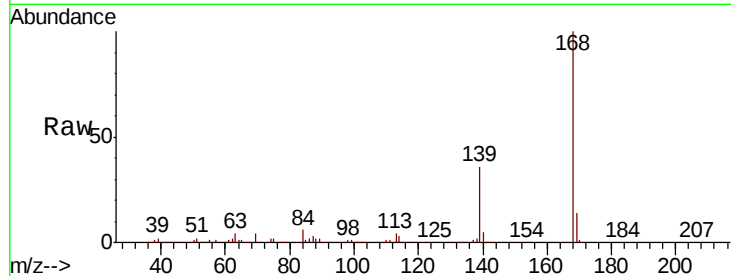




#55
Dibenzofuran
Concen: 39.785 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

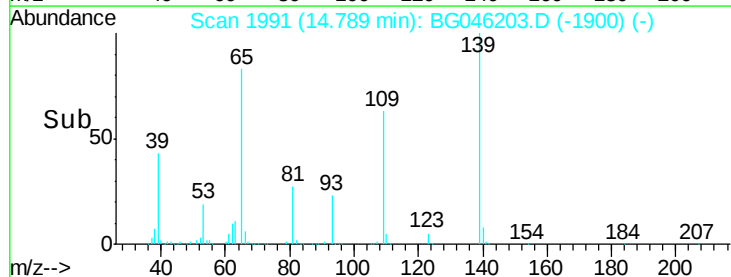
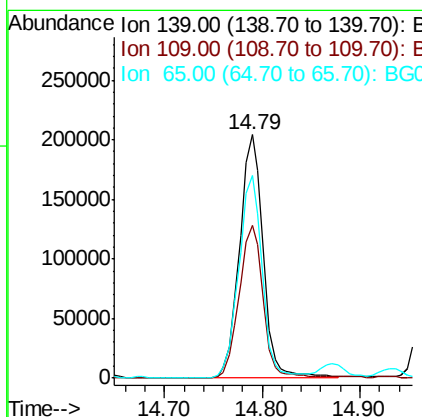
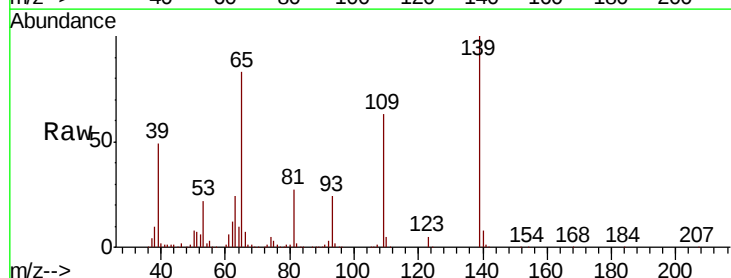
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

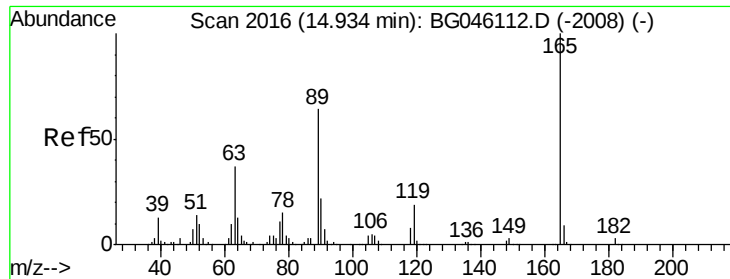
Tot Ion:168 Resp: 1017746
Ion Ratio Lower Upper
168 100
139 35.6 29.0 43.4
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 84.857 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:139 Resp: 344900
Ion Ratio Lower Upper
139 100
109 62.6 45.1 85.1
65 83.4 66.4 106.4

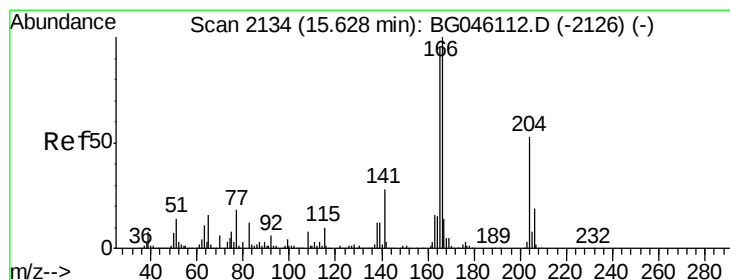
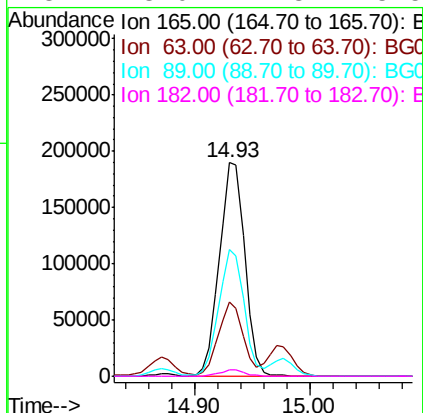
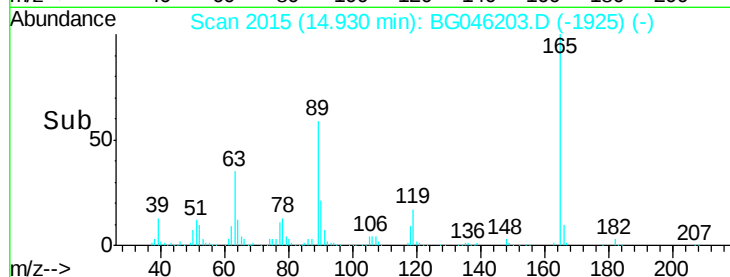
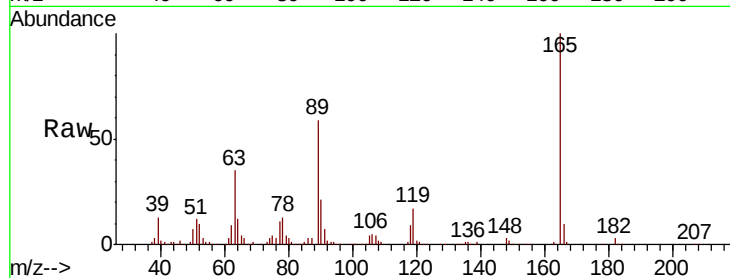




#57
 2,4-Dinitrotoluene
 Concen: 44.734 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

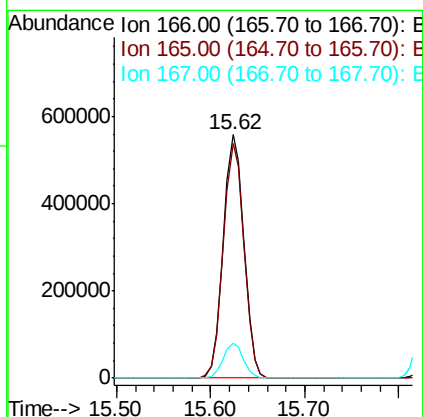
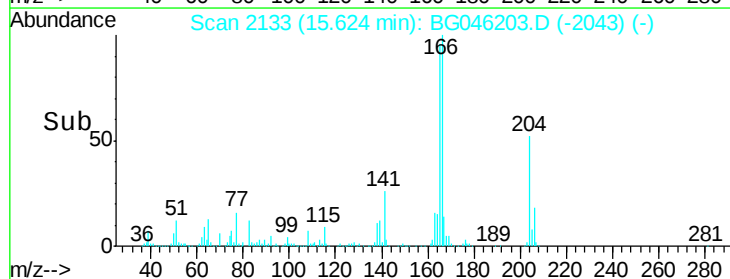
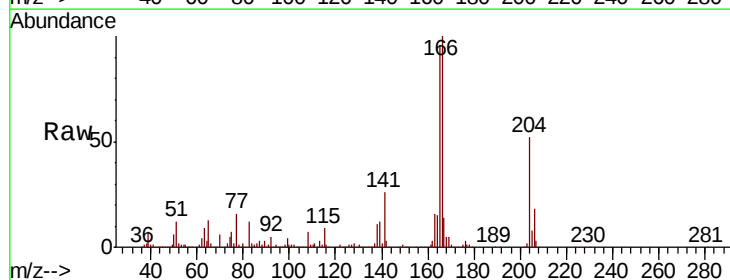
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

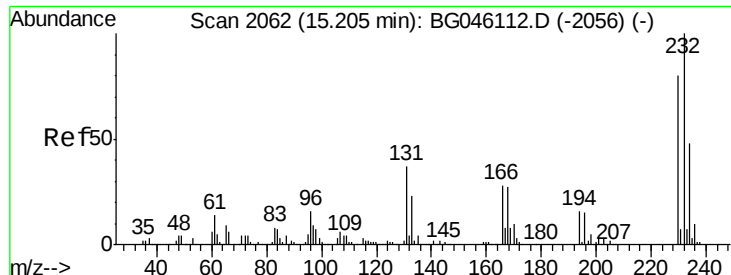
Tot Ion:165	Resp:	290438
Ion	Ratio	Lower Upper
165	100	
63	34.7	30.1 45.1
89	59.2	51.4 77.2
182	3.0	2.3 3.5



#58
 Fluorene
 Concen: 41.259 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion:166	Resp:	854749
Ion	Ratio	Lower Upper
166	100	
165	96.1	76.3 114.5
167	14.4	11.0 16.6

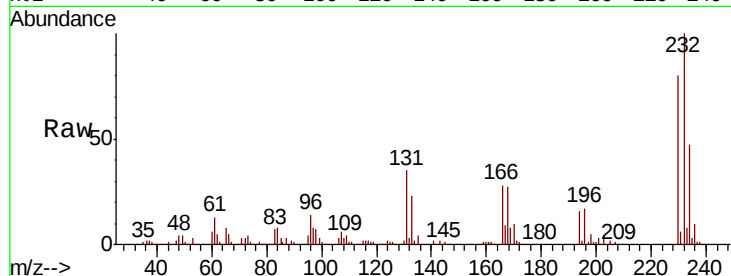




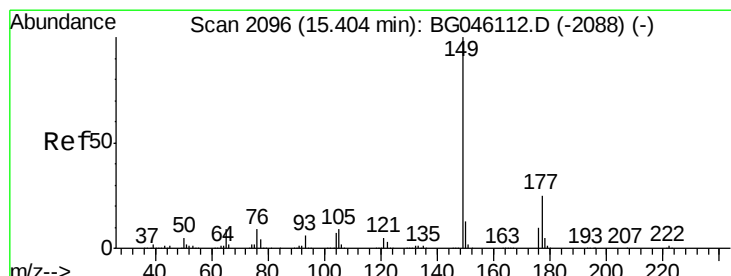
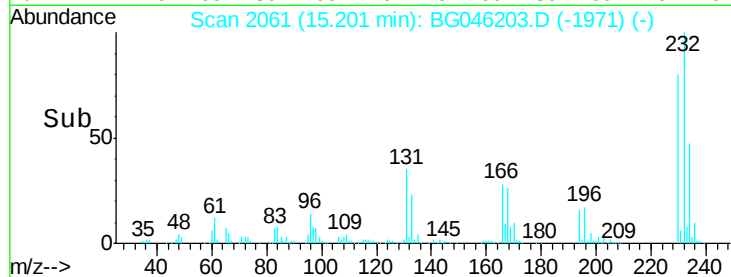
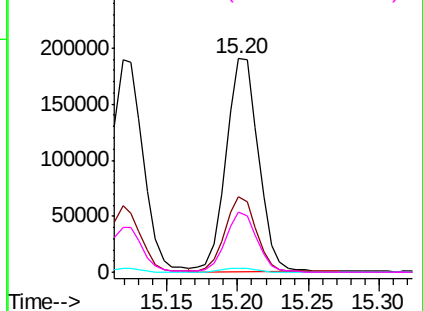
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.589 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Instrument :
 BNA_G
 ClientSampleID :
 JB-1AMSD

Tot Ion:	232	Resp:	303456
Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.6	42.8
130	1.9	1.6	2.4
166	27.3	22.5	33.7

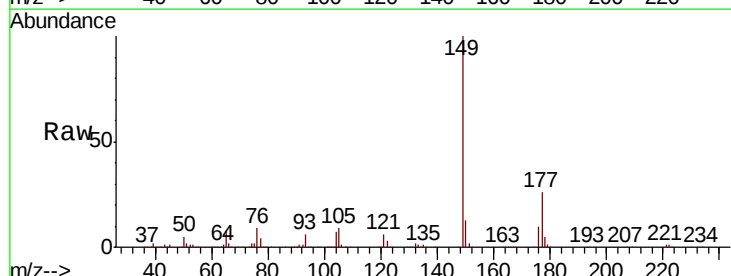


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

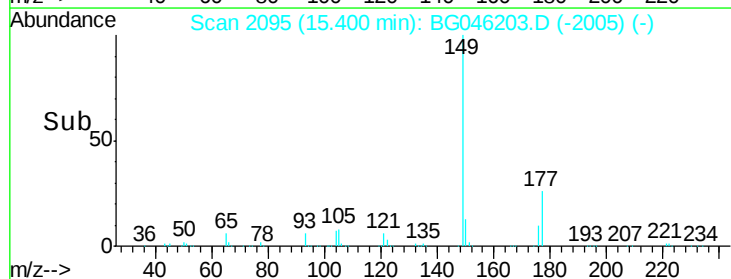
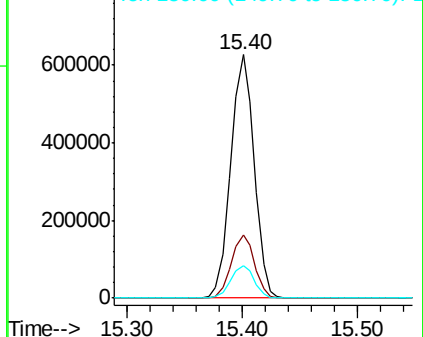


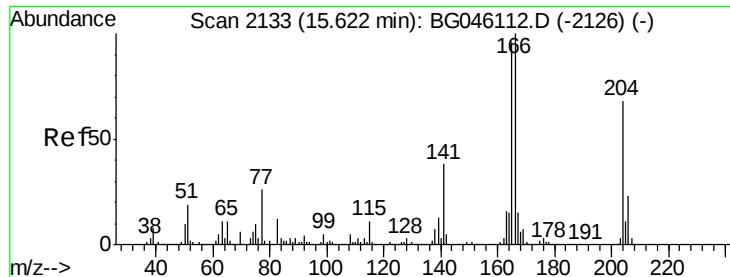
#60
 Diethylphthalate
 Concen: 43.937 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion:	149	Resp:	876971
Ion	Ratio	Lower	Upper
149	100		
177	26.1	19.7	29.5
150	13.2	10.8	16.2



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

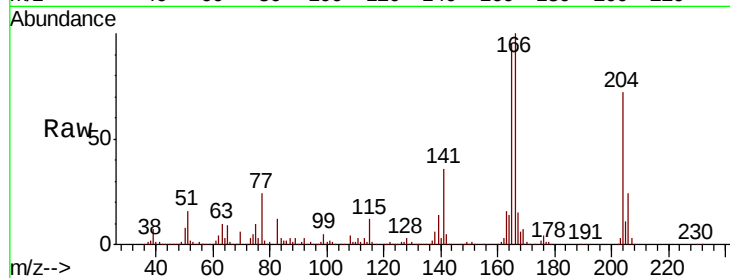




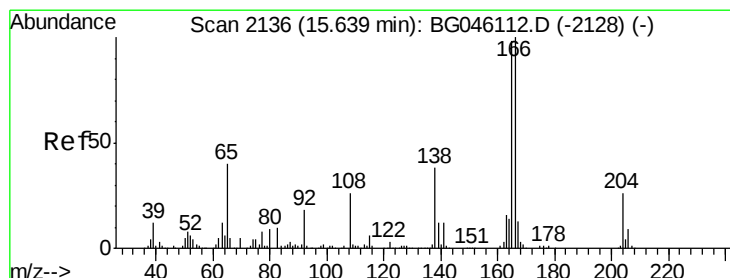
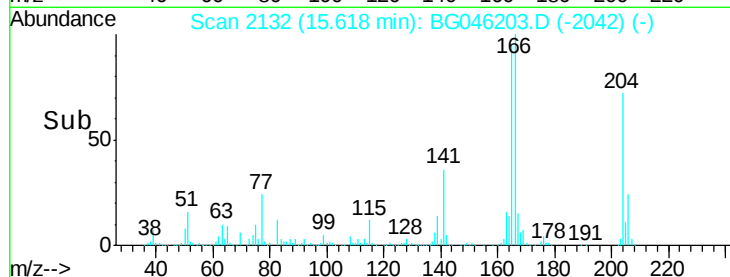
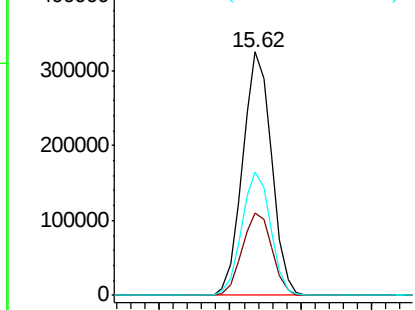
#61
4-Chlorophenyl-phenylether
Concen: 42.925 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion:204 Resp: 464446
Ion Ratio Lower Upper
204 100
206 33.9 27.7 41.5
141 50.7 44.7 67.1

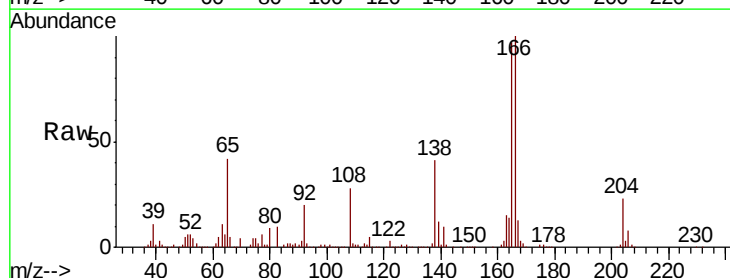


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

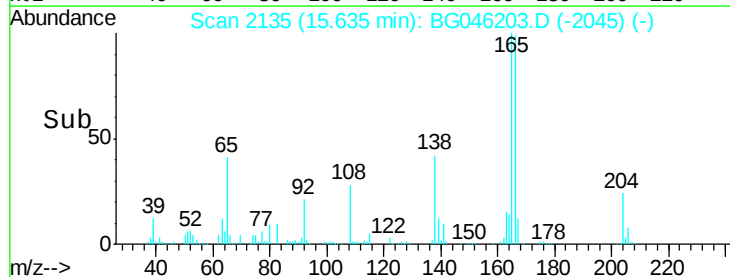
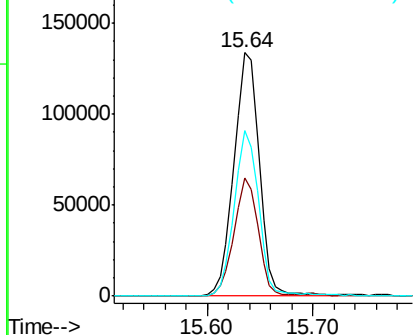


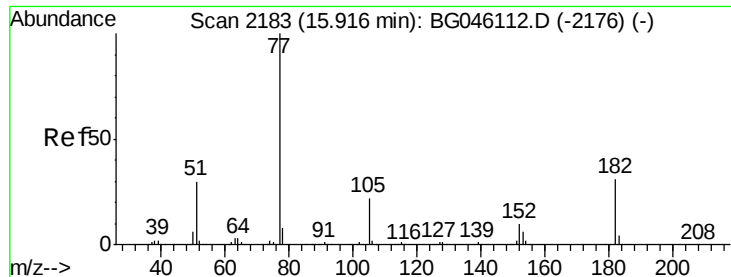
#62
4-Nitroaniline
Concen: 47.234 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:138 Resp: 222395
Ion Ratio Lower Upper
138 100
92 48.8 28.3 68.3
108 68.1 49.2 89.2



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

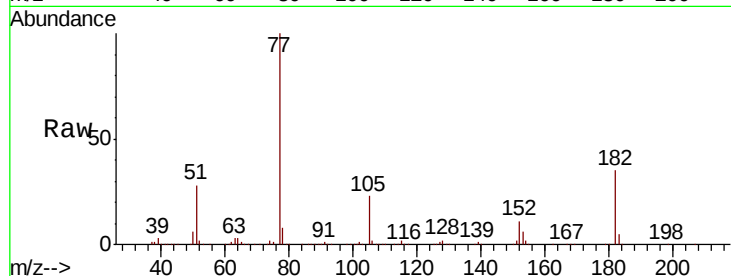




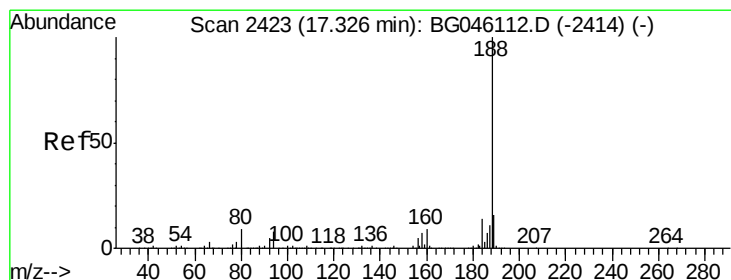
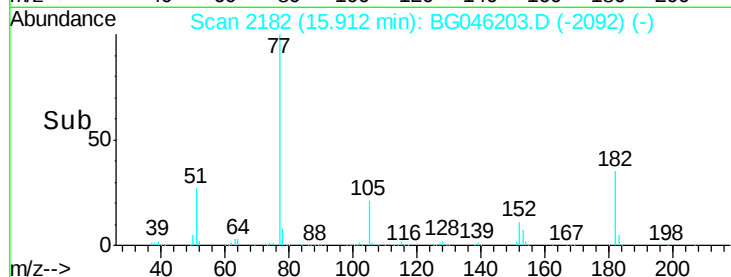
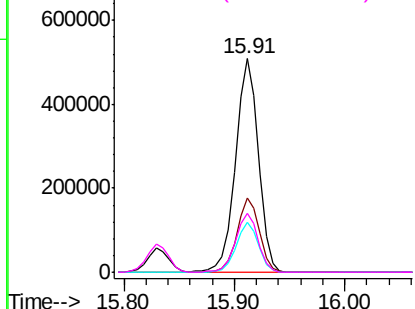
#63
Azobenzene
Concen: 39.423 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion: 77 Resp: 737446
Ion Ratio Lower Upper
77 100
182 34.5 10.7 50.7
105 23.3 1.9 41.9
51 27.7 9.5 49.5

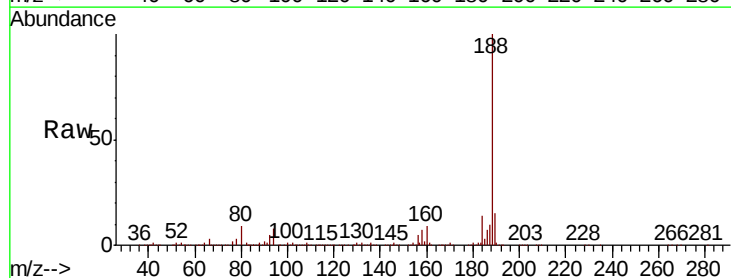


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

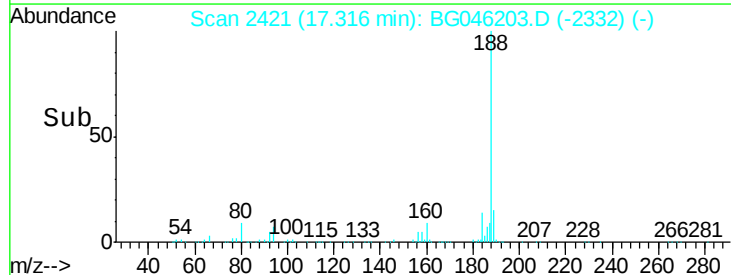
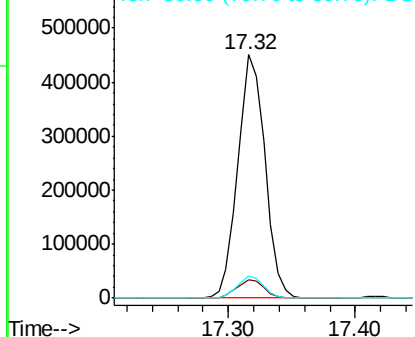


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion: 188 Resp: 669410
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.2 7.4 11.0



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: 17.411 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

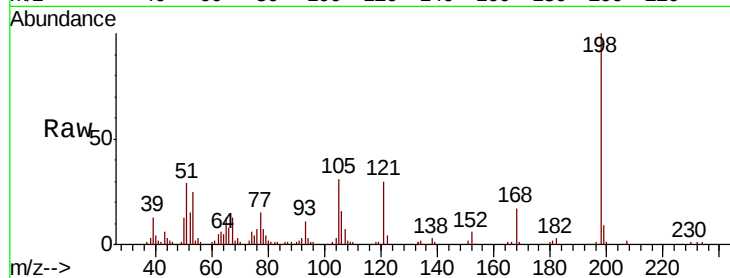
Tot Ion:198 Resp: 77080

Ion Ratio Lower Upper

198 100

51 28.9 20.1 60.1

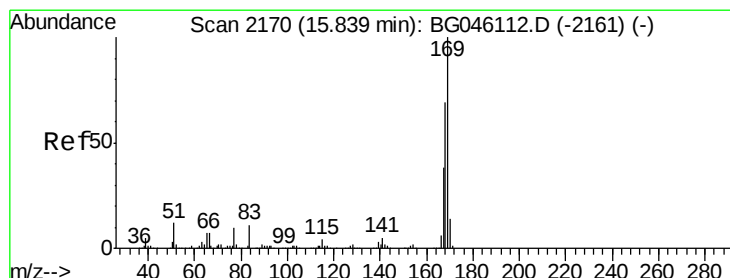
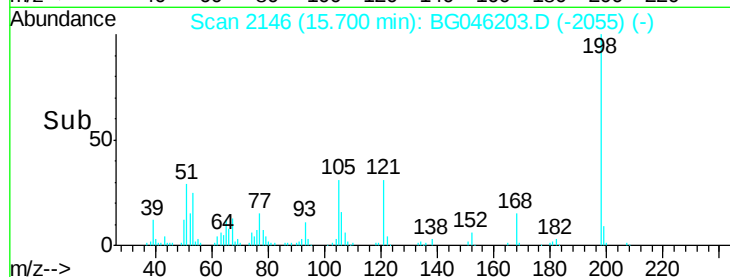
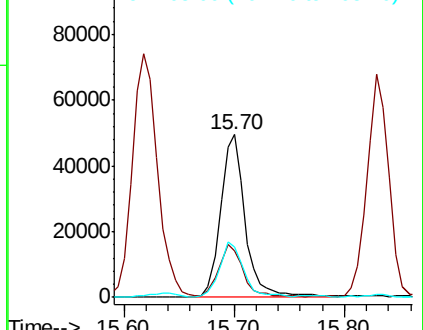
105 31.4 19.2 59.2



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: 39.525 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

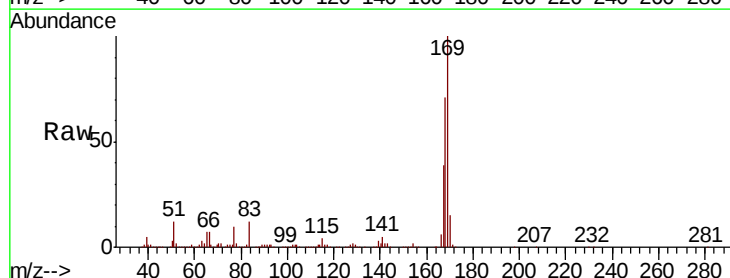
Tgt Ion:169 Resp: 800909

Ion Ratio Lower Upper

169 100

168 70.6 55.1 82.7

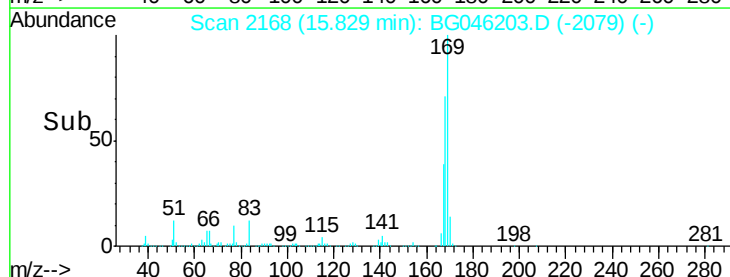
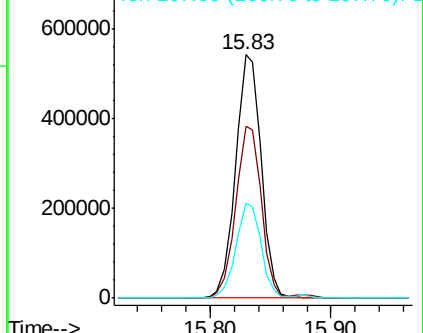
167 38.8 30.5 45.7

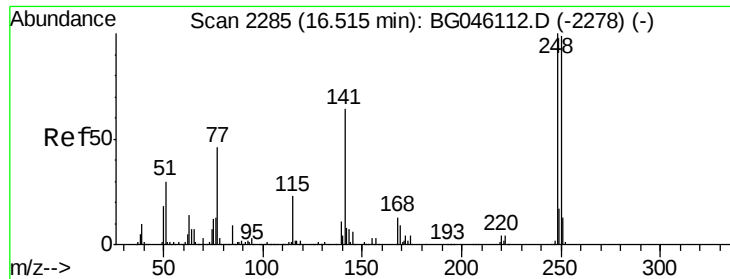


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

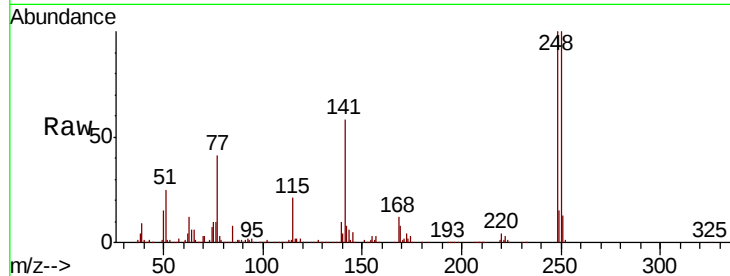




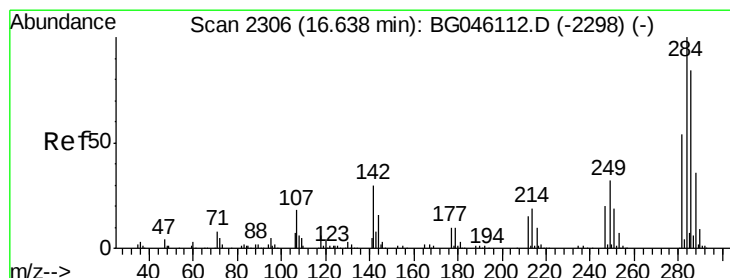
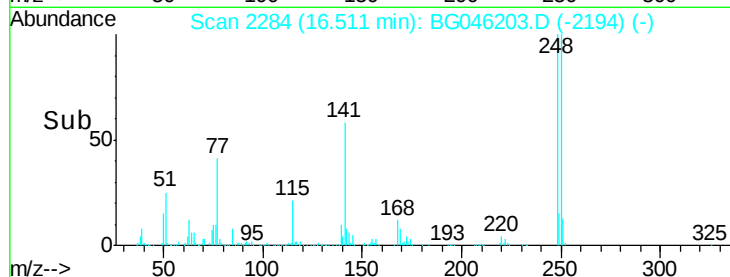
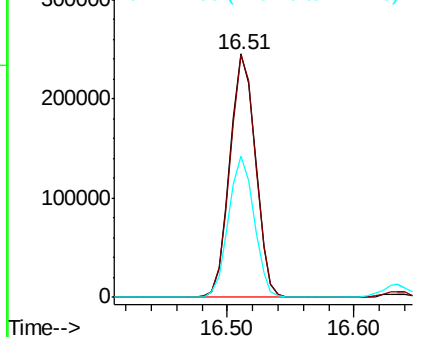
#67
4-Bromophenyl-phenylether
Concen: 41.357 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion:248 Resp: 342021
Ion Ratio Lower Upper
248 100
250 99.8 79.4 119.0
141 57.8 50.9 76.3

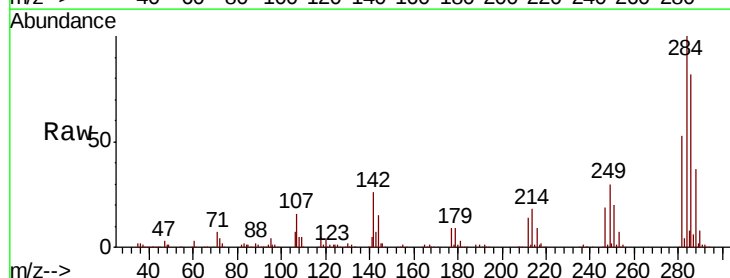


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

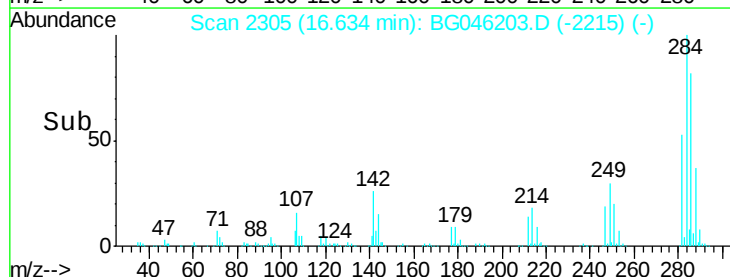
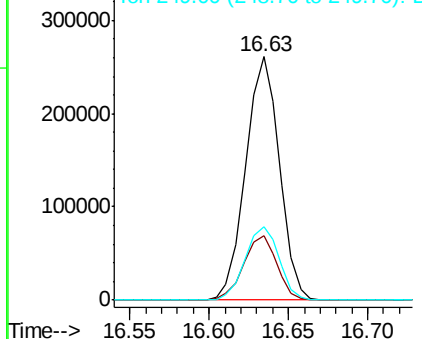


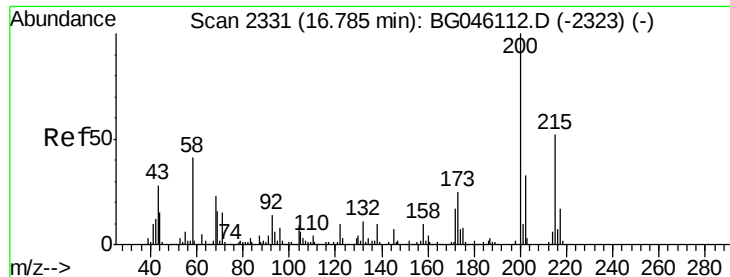
#68
Hexachlorobenzene
Concen: 41.617 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:284 Resp: 385928
Ion Ratio Lower Upper
284 100
142 26.2 23.6 35.4
249 30.0 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.740 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

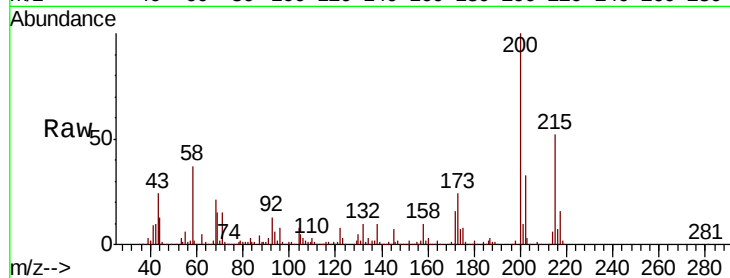
Tot Ion:200 Resp: 317880

Ion Ratio Lower Upper

200 100

173 23.9 5.3 45.3

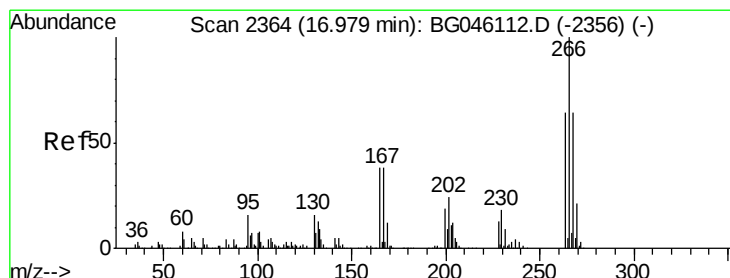
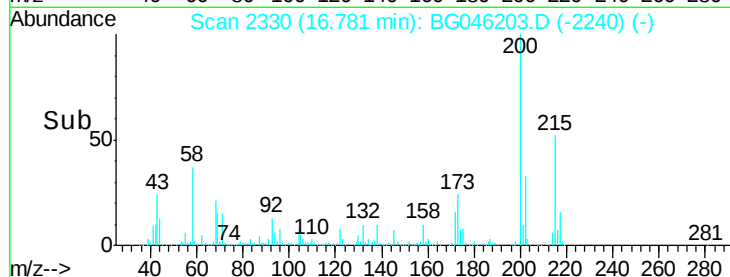
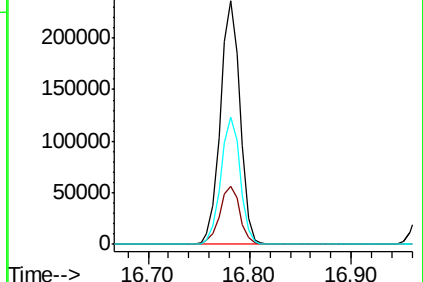
215 52.1 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.285 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

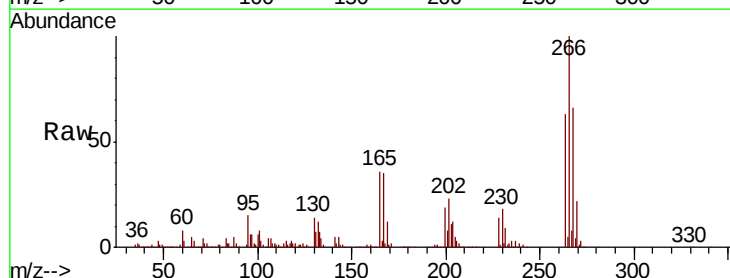
Tgt Ion:266 Resp: 362732

Ion Ratio Lower Upper

266 100

268 65.5 51.2 76.8

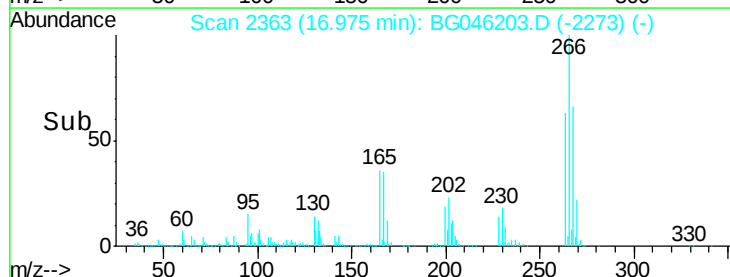
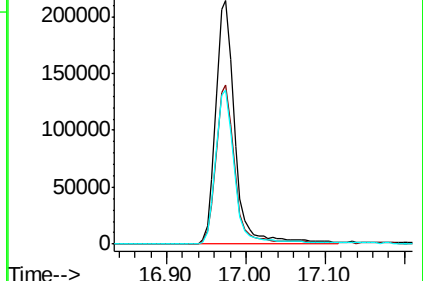
264 63.3 51.1 76.7

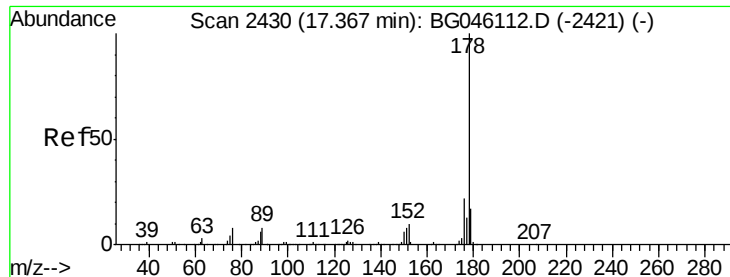


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

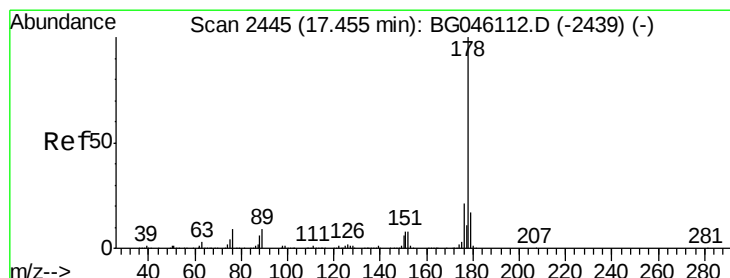
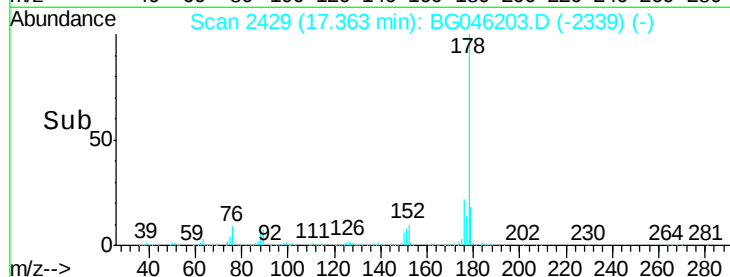
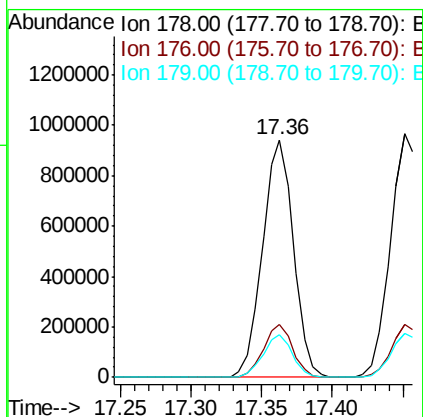
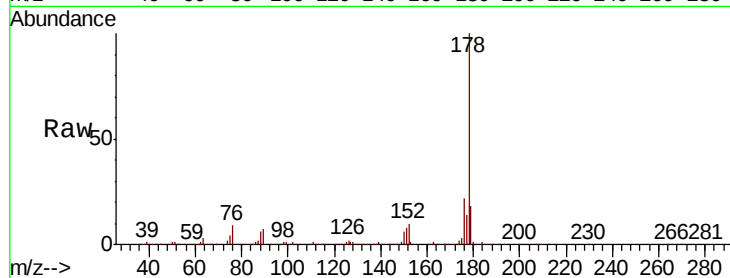




#71
Phenanthrene
Concen: 39.516 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

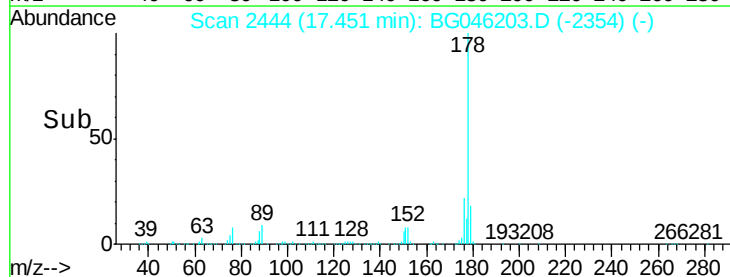
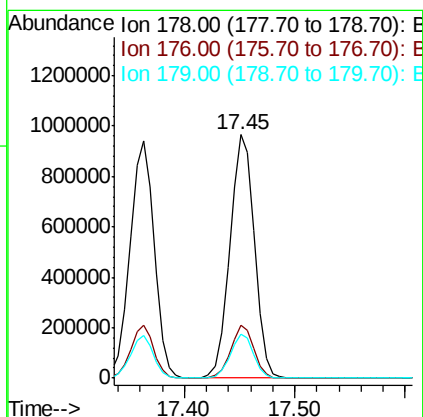
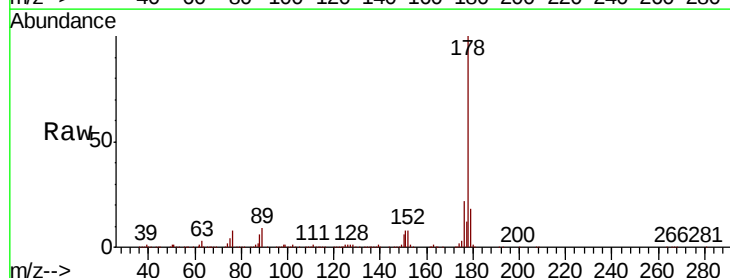
Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

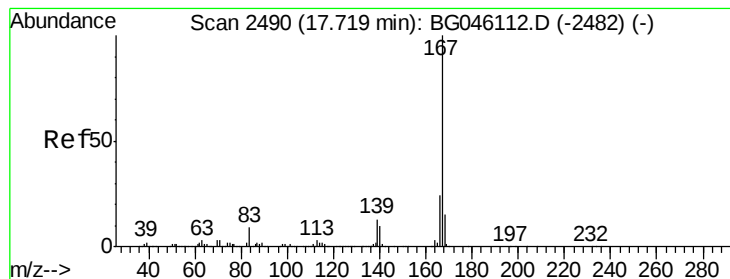
Tot Ion:178 Resp: 1449023
Ion Ratio Lower Upper
178 100
176 22.0 17.3 25.9
179 17.9 13.8 20.6



#72
Anthracene
Concen: 41.076 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:178 Resp: 1498208
Ion Ratio Lower Upper
178 100
176 21.6 16.6 24.8
179 18.2 13.4 20.2





#73

Carbazole

Concen: 40.975 ng

RT: 17.72 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

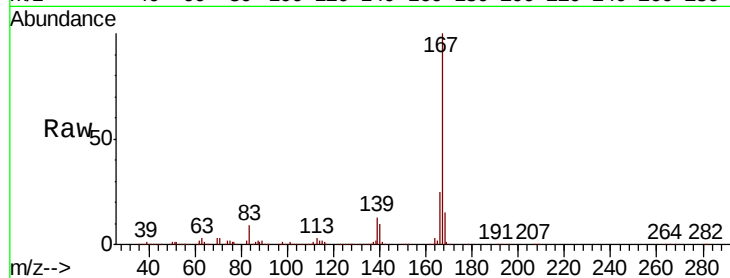
Tot Ion:167 Resp: 1441104

Ion Ratio Lower Upper

167 100

166 25.3 19.4 29.0

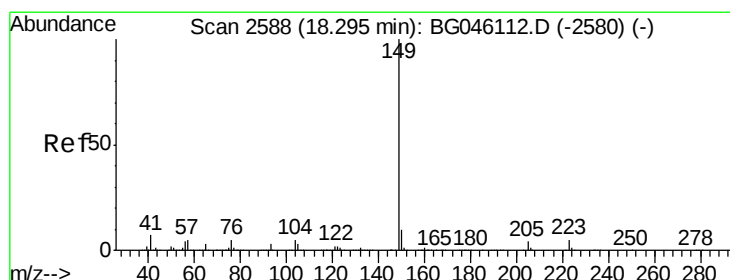
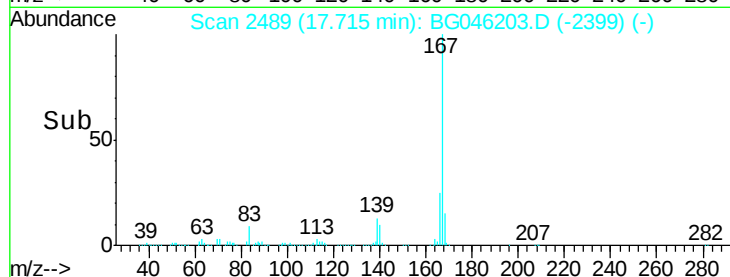
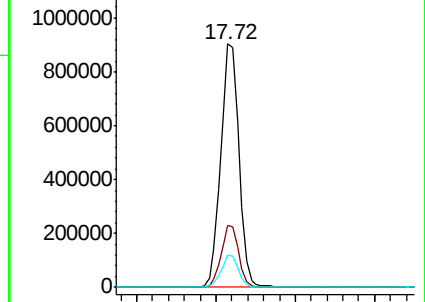
139 13.1 10.1 15.1



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: 43.314 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

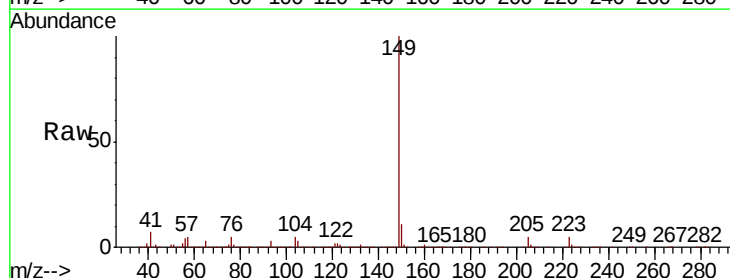
Tgt Ion:149 Resp: 1592341

Ion Ratio Lower Upper

149 100

150 11.0 8.4 12.6

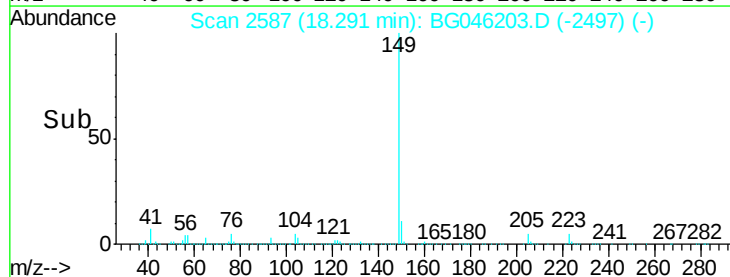
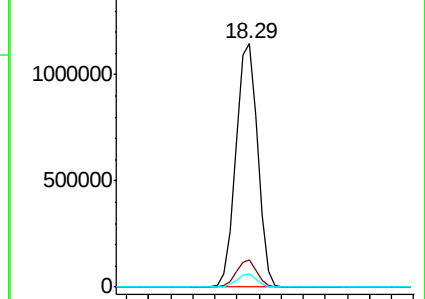
104 5.2 4.2 6.2

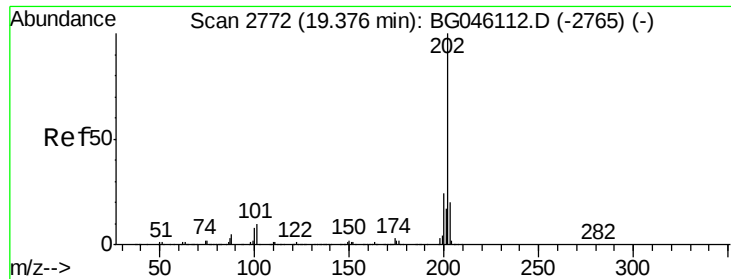


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.689 ng

RT: 19.37 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

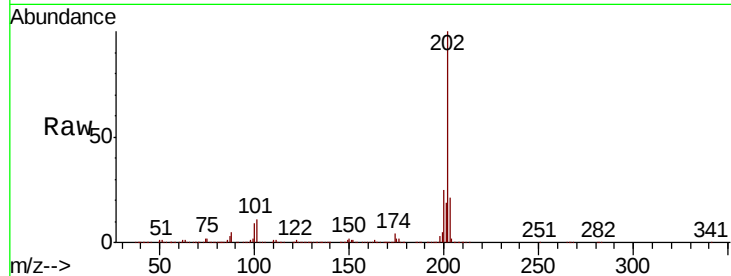
Tot Ion:202 Resp: 1862743

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

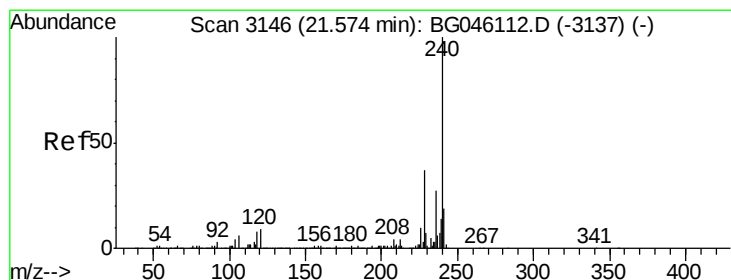
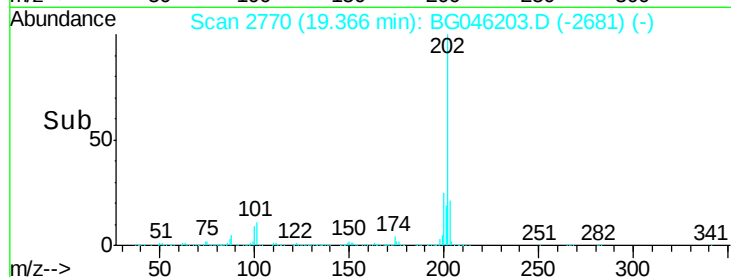
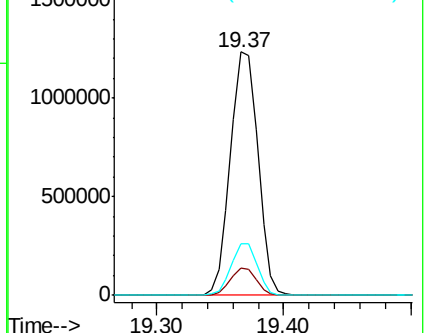
203 21.2 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

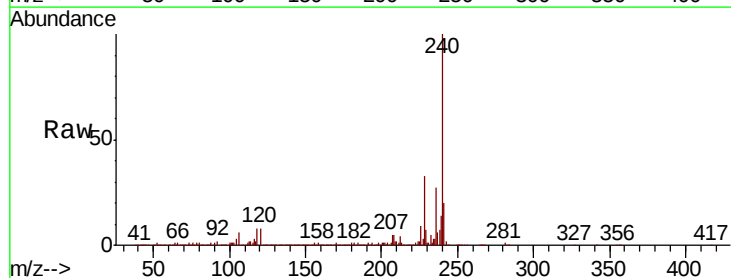
Tgt Ion:240 Resp: 726640

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

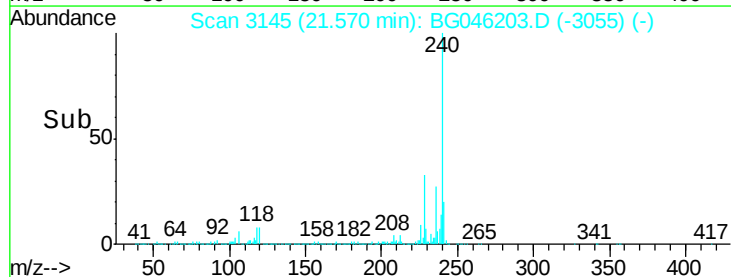
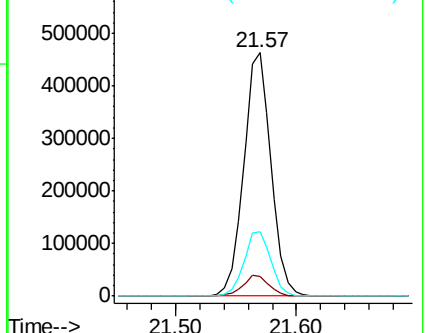
236 26.6 21.7 32.5

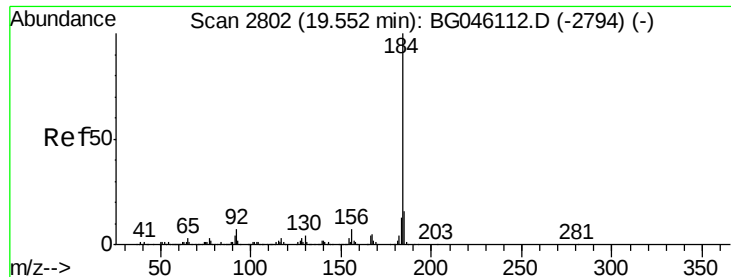


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.928 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

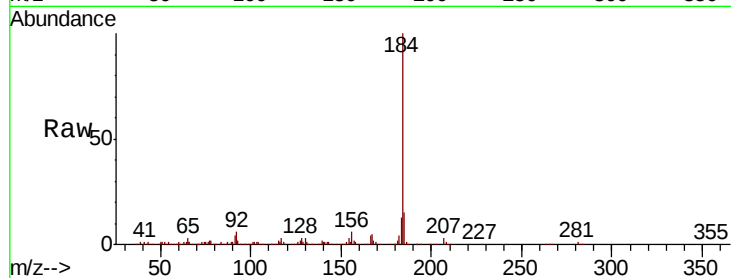
Tot Ion:184 Resp: 451342

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.4

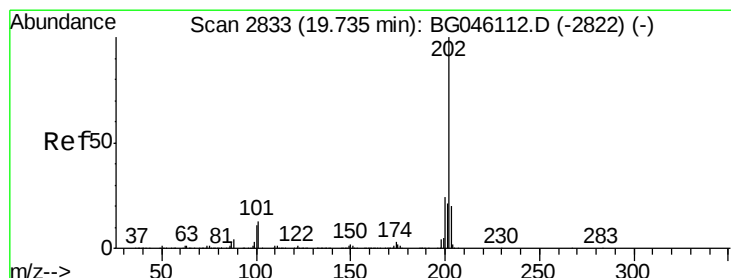
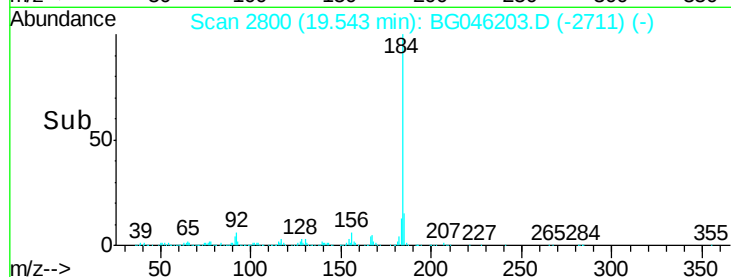
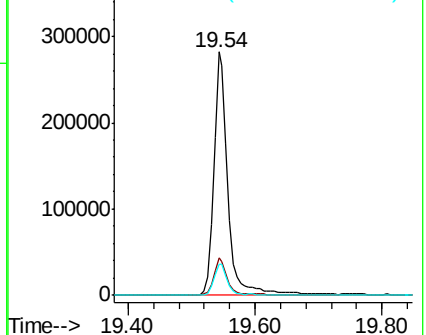
183 13.0 10.5 15.7



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: 38.752 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

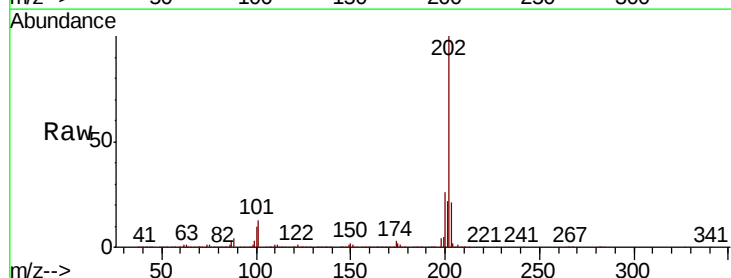
Tgt Ion:202 Resp: 1892001

Ion Ratio Lower Upper

202 100

200 25.5 19.5 29.3

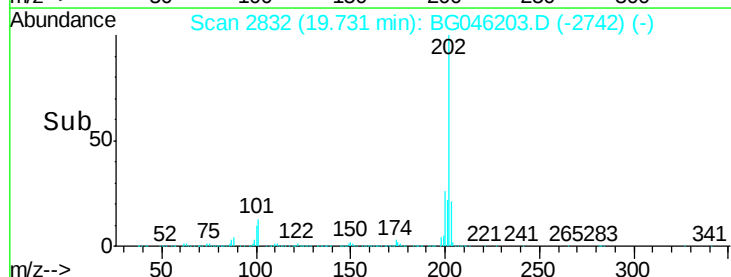
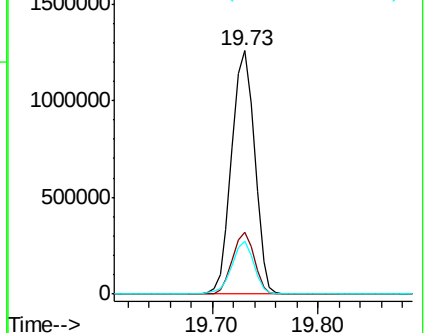
203 21.5 16.2 24.2

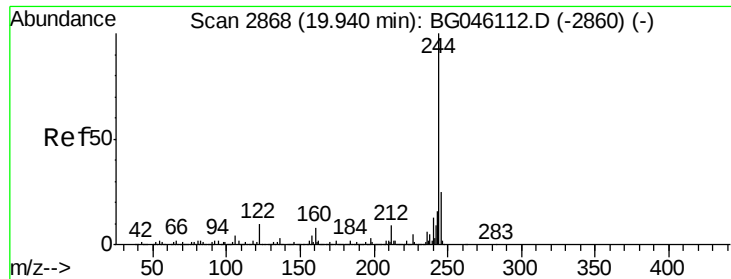


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.560 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

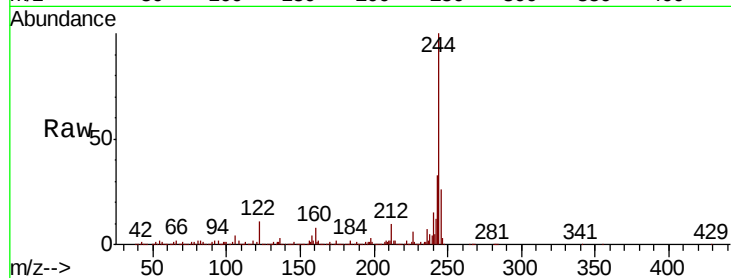
Tot Ion:244 Resp: 2339089

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

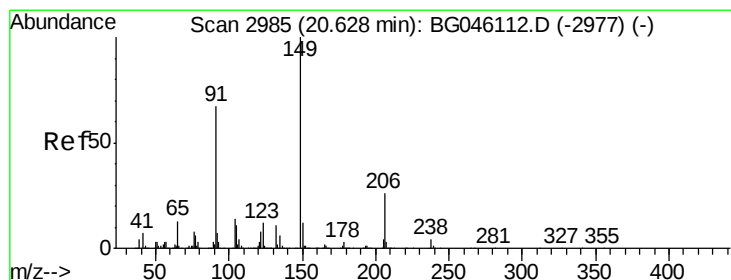
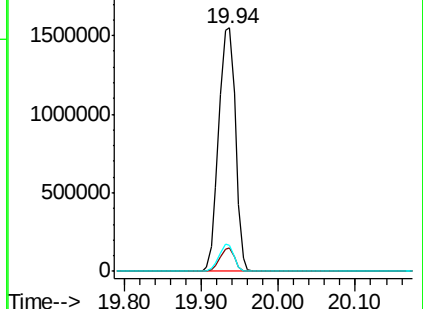
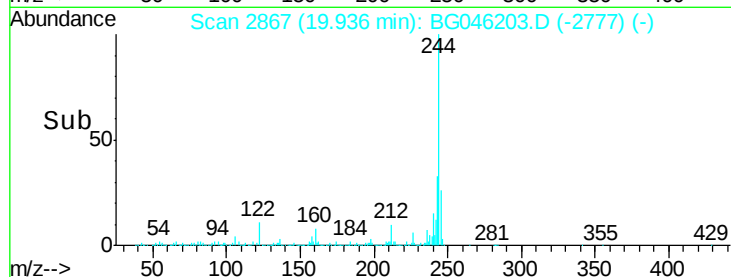
122 10.7 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.762 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

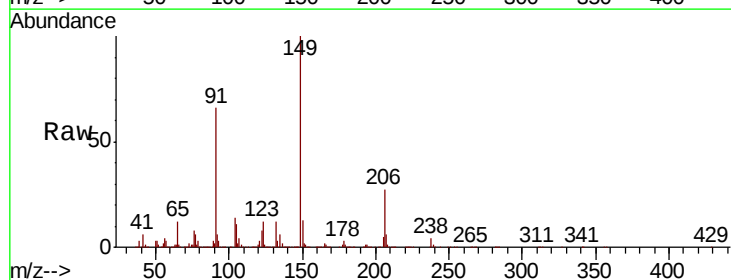
Tgt Ion:149 Resp: 773976

Ion Ratio Lower Upper

149 100

91 65.8 53.8 80.8

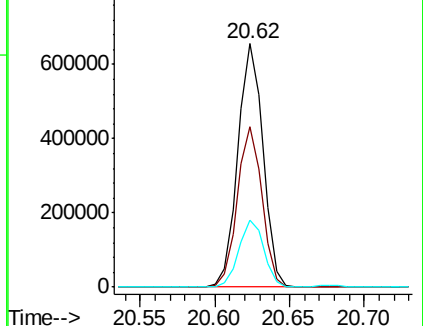
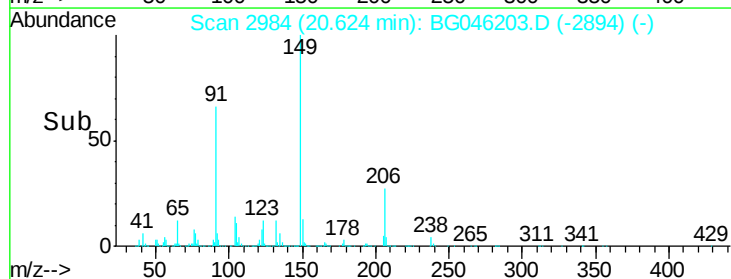
206 27.4 20.4 30.6

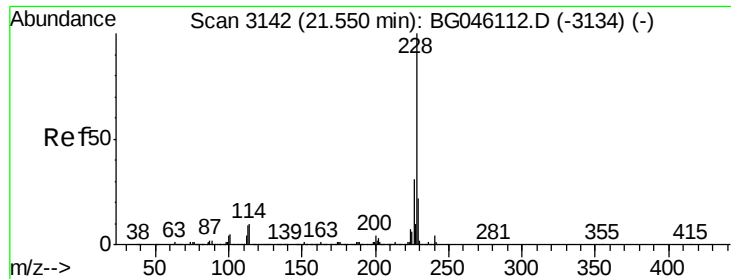


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.764 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

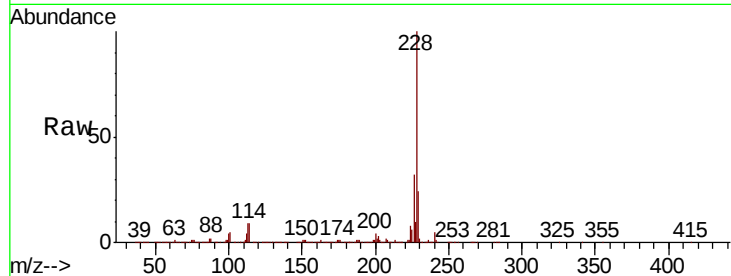
Tot Ion:228 Resp: 1933604

Ion Ratio Lower Upper

228 100

226 31.9 24.7 37.1

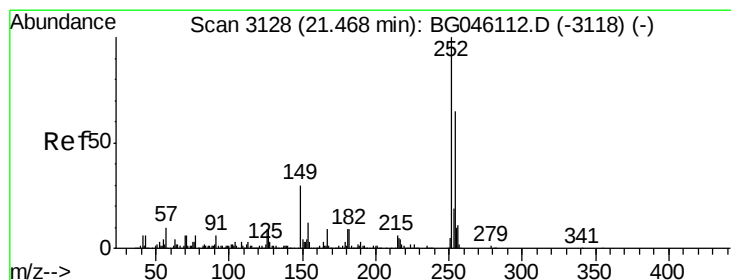
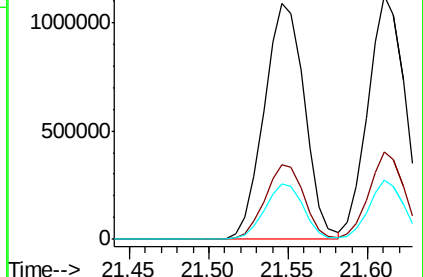
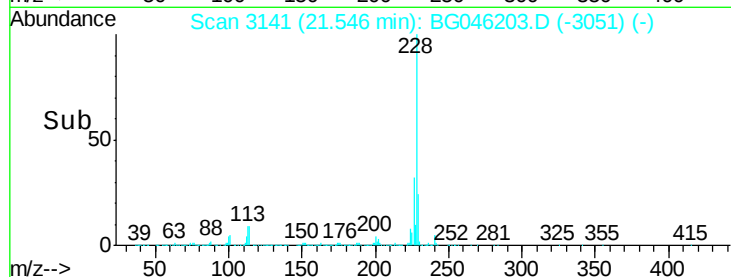
229 23.6 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.509 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

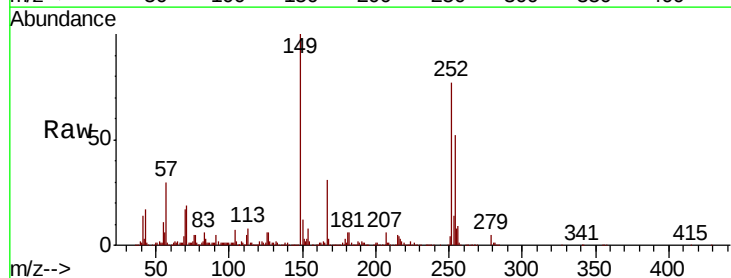
Tgt Ion:252 Resp: 434329

Ion Ratio Lower Upper

252 100

254 67.5 51.8 77.8

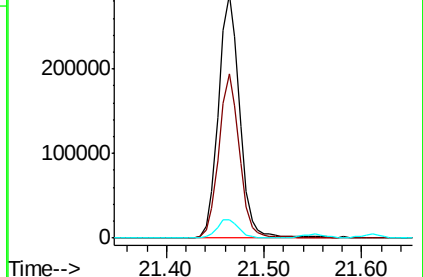
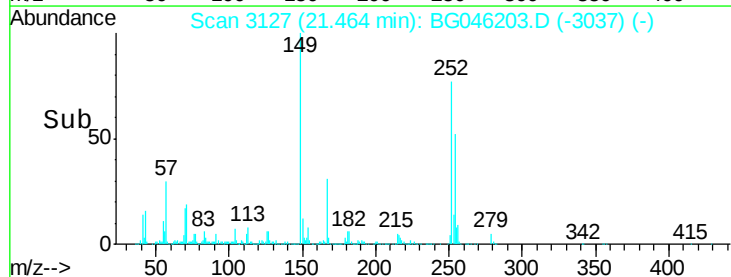
126 7.6 7.1 10.7

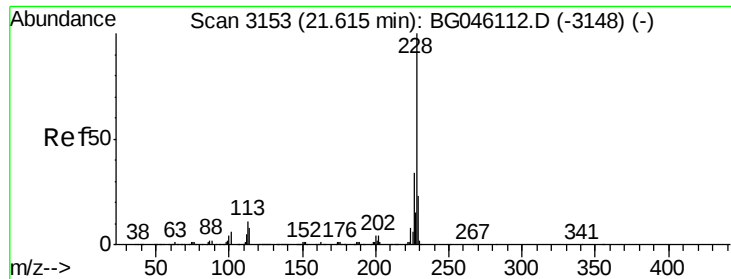


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.477 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampled :

JB-1AMSD

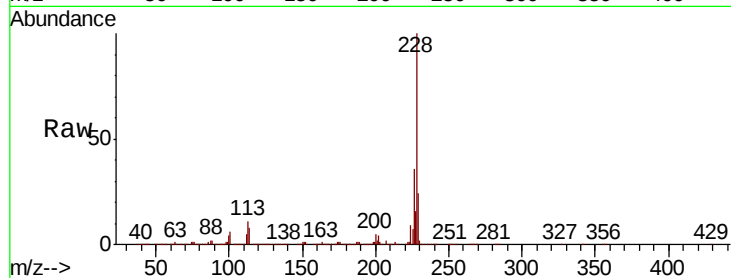
Tot Ion:228 Resp: 1832868

Ion Ratio Lower Upper

228 100

226 36.2 26.9 40.3

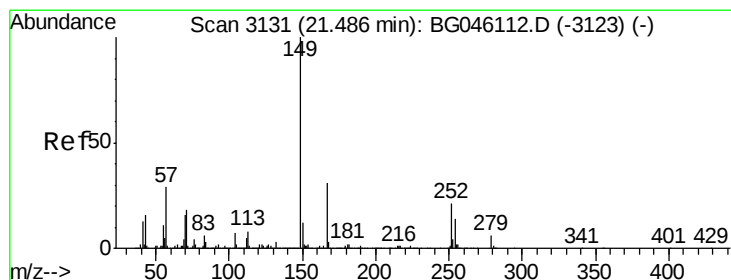
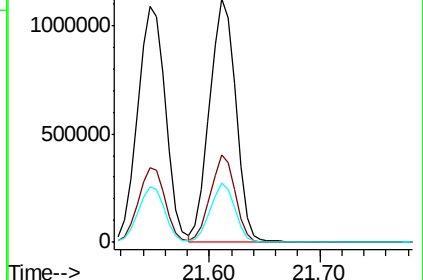
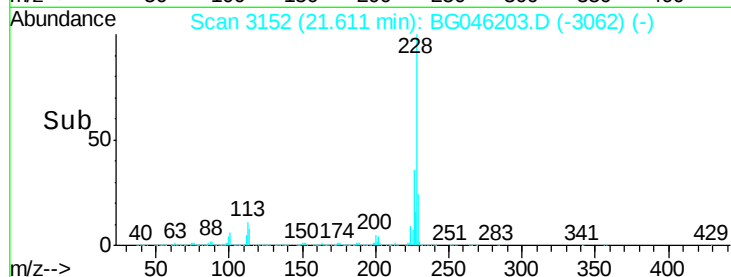
229 24.2 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.133 ng

RT: 21.48 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

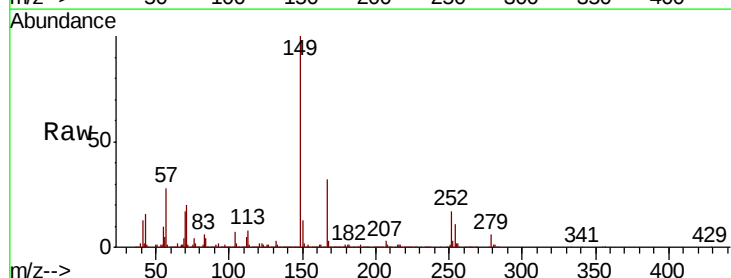
Tgt Ion:149 Resp: 1090615

Ion Ratio Lower Upper

149 100

167 32.2 24.8 37.2

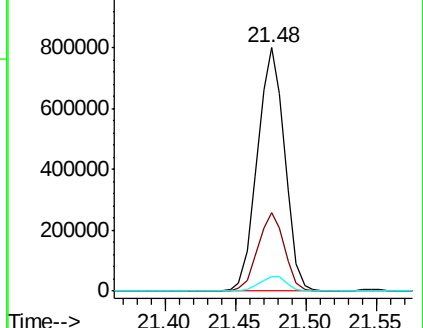
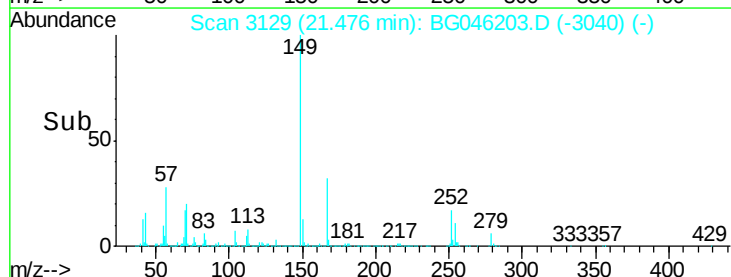
279 6.0 4.6 6.8

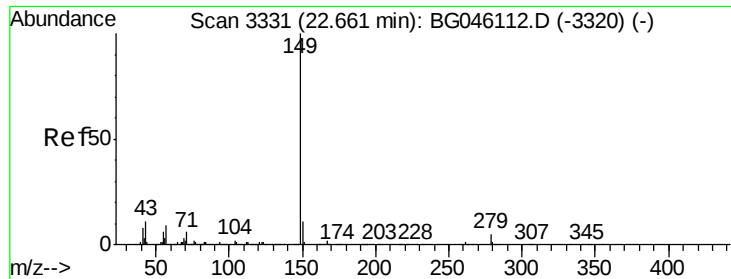


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.873 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

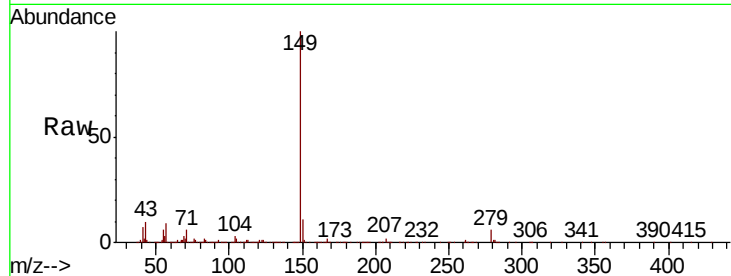
Tot Ion:149 Resp: 1878298

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

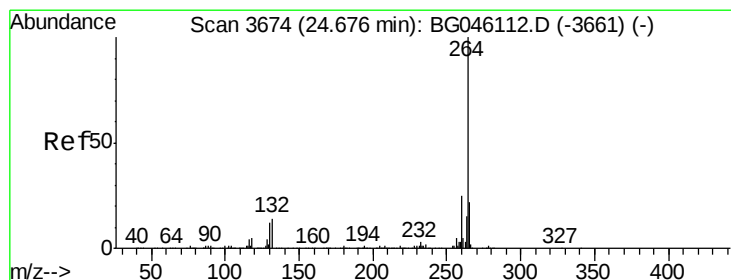
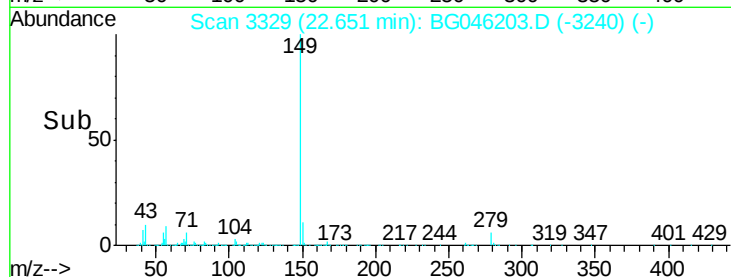
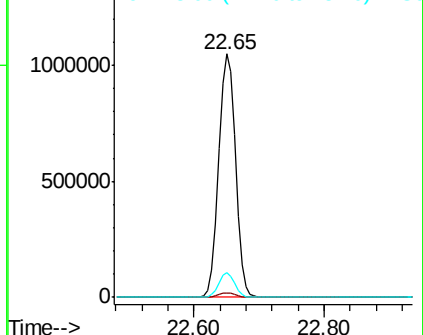
43 9.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

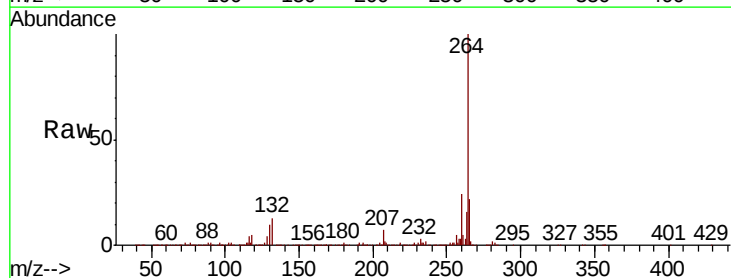
Tgt Ion:264 Resp: 798138

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

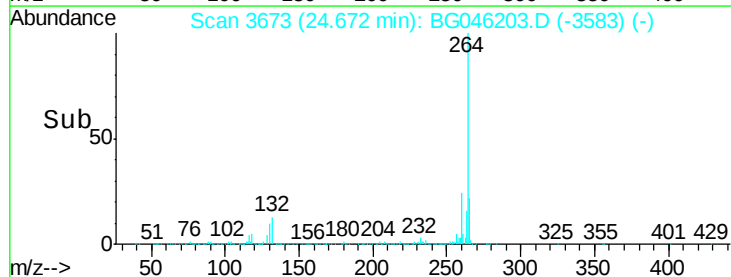
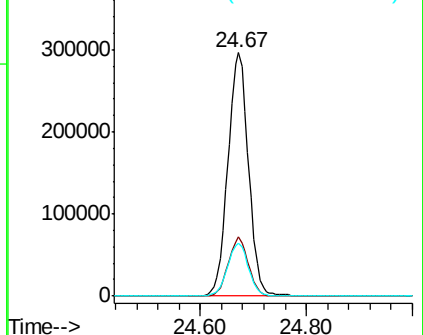
265 21.9 17.6 26.4

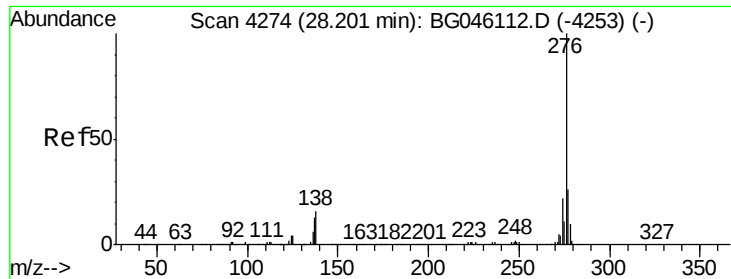


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

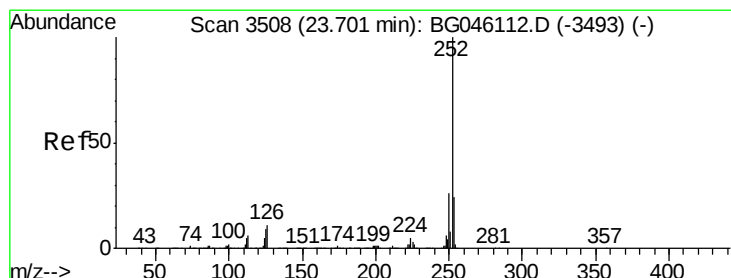
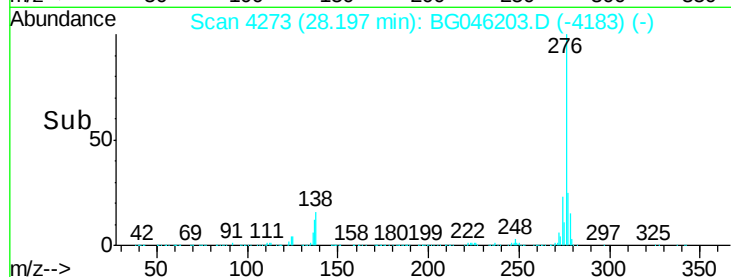
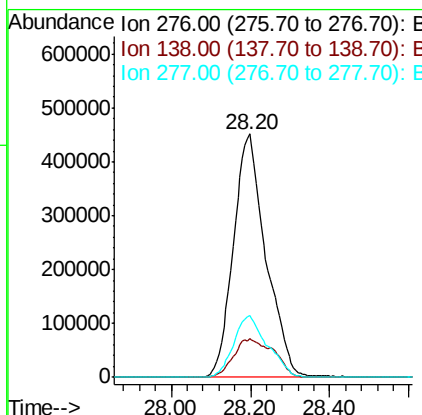
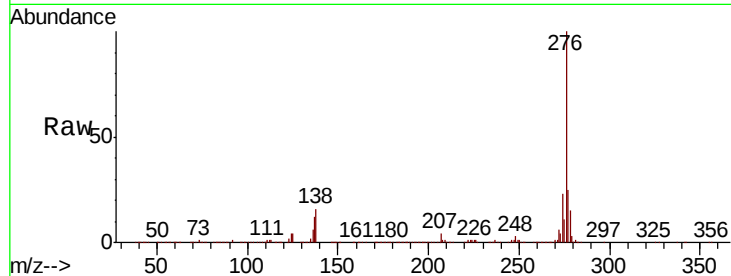




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.300 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.00 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

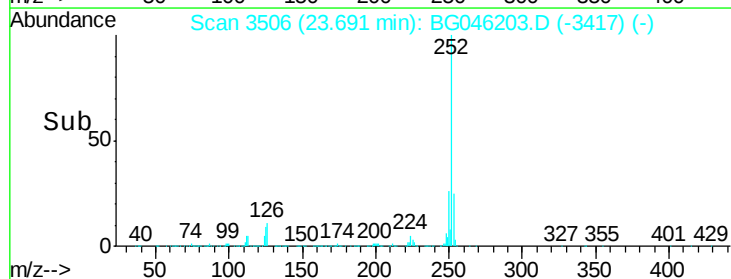
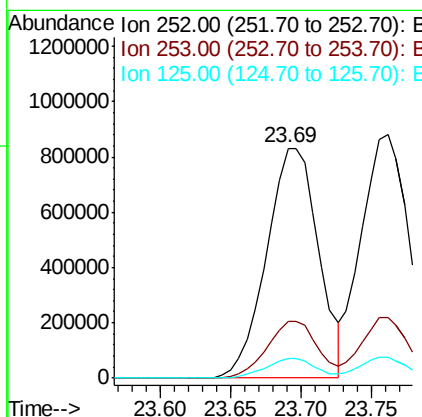
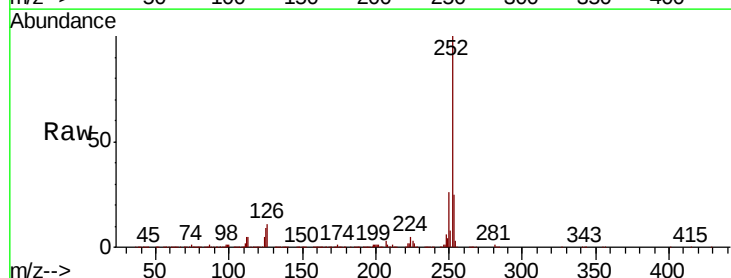
Instrument :
 BNA_G
 ClientSampleId :
 JB-1AMSD

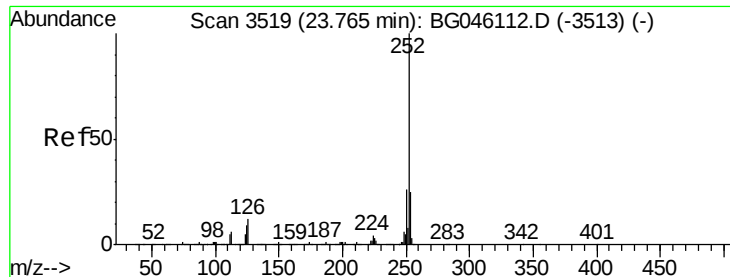
Tot Ion:276 Resp: 2574818
 Ion Ratio Lower Upper
 276 100
 138 19.7 11.6 17.4#
 277 26.4 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 39.877 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. -0.01 min
 Lab File: BG046203.D
 Acq: 7 Aug 2020 21:37

Tgt Ion:252 Resp: 2132810
 Ion Ratio Lower Upper
 252 100
 253 24.5 19.2 28.8
 125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 39.666 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

Instrument :

BNA_G

ClientSampleId :

JB-1AMSD

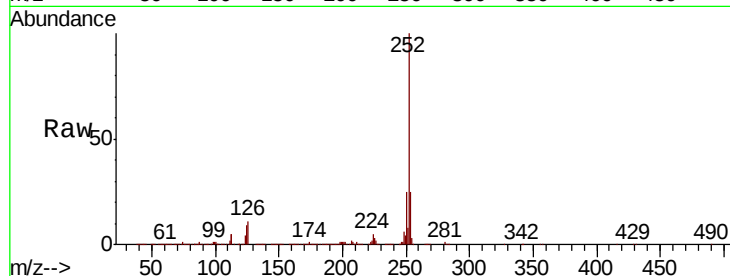
Tot Ion:252 Resp: 2080862

Ion Ratio Lower Upper

252 100

253 25.0 19.5 29.3

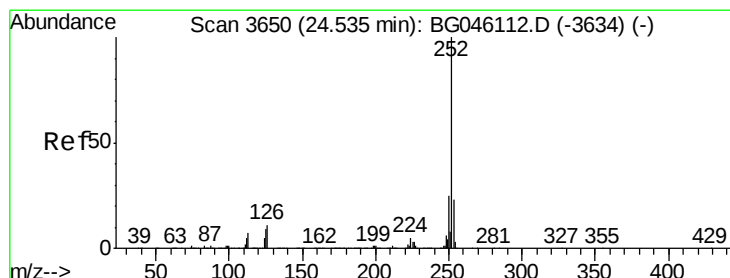
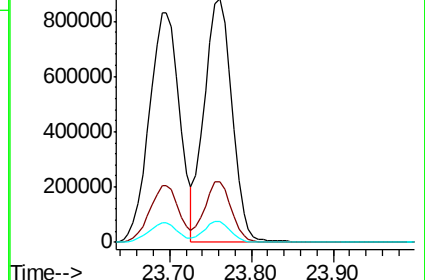
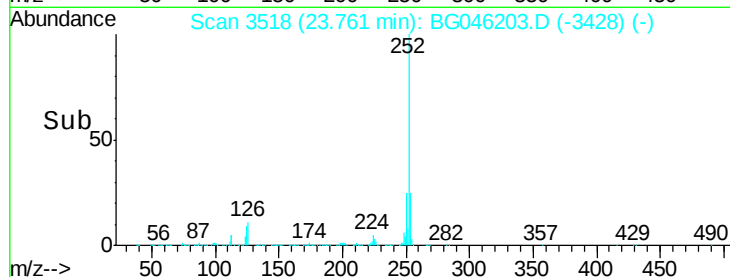
125 8.5 7.3 10.9



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: 39.739 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BG046203.D

Acq: 7 Aug 2020 21:37

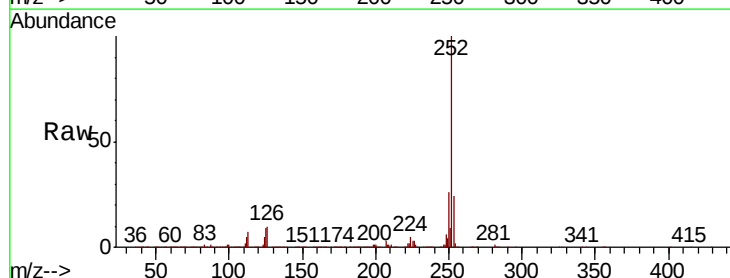
Tgt Ion:252 Resp: 1977789

Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

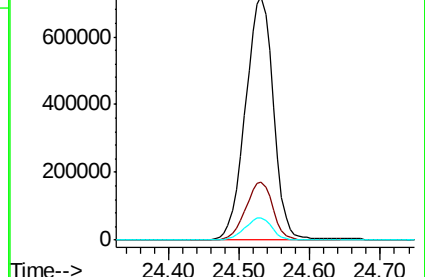
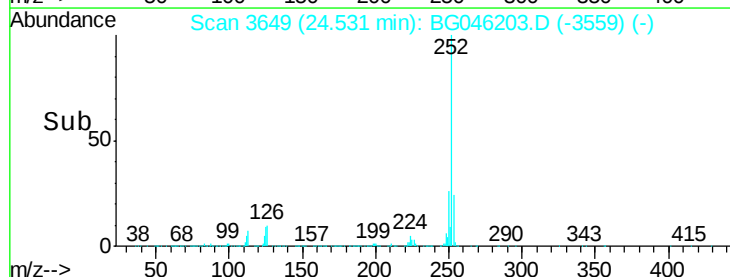
125 9.1 7.1 10.7

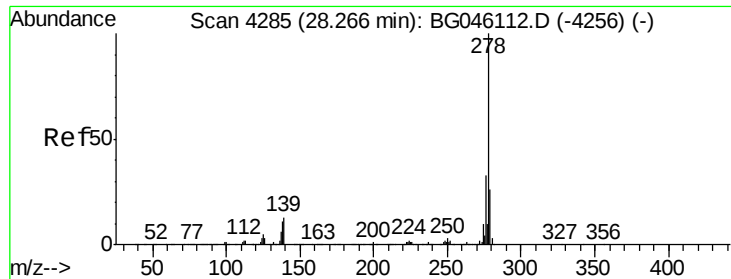


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

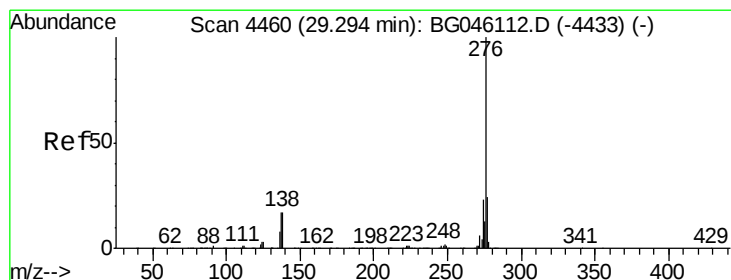
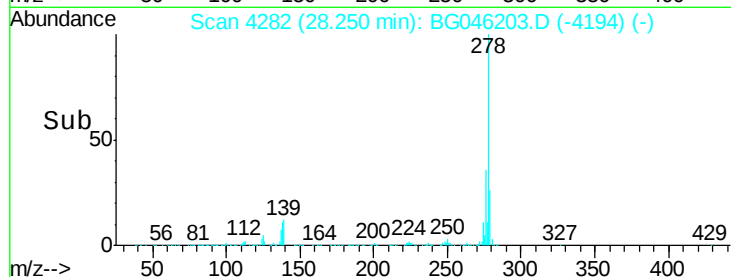
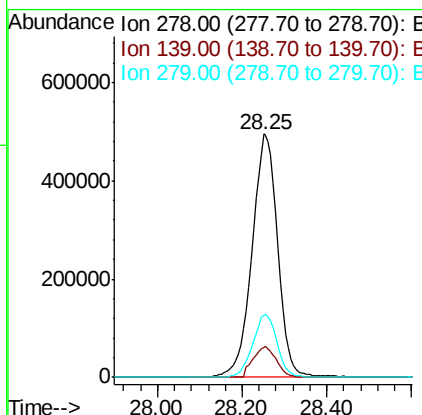
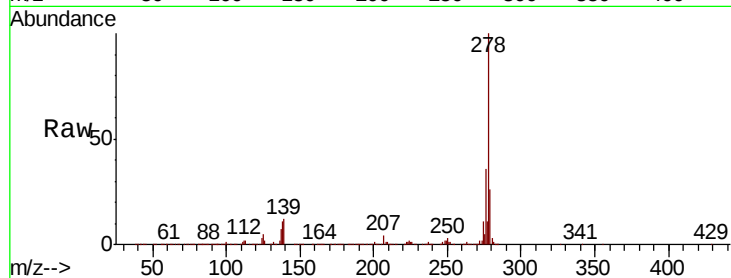




#91
Dibenzo(a,h)anthracene
Concen: 41.448 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.02 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Instrument :
BNA_G
ClientSampleId :
JB-1AMSD

Tot Ion:278 Resp: 2109116
Ion Ratio Lower Upper
278 100
139 12.5 10.8 16.2
279 25.6 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 42.065 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.00 min
Lab File: BG046203.D
Acq: 7 Aug 2020 21:37

Tgt Ion:276 Resp: 2161734
Ion Ratio Lower Upper
276 100
277 25.1 19.5 29.3
138 16.7 13.8 20.6

