

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046448.D
 Acq On : 25 Aug 2020 14:47
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 25 15:38:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 15:31:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79857	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	328306	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	235941	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	572042	20.00	ng	0.00
76) Chrysene-d12	21.56	240	567561	20.00	ng	0.00
86) Perylene-d12	24.66	264	601682	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	336360	73.22	ng	0.00
7) Phenol-d6	7.11	99	486896	77.77	ng	0.00
23) Nitrobenzene-d5	9.09	82	419195	69.13	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237153	65.44	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1101472	67.81	ng	0.00
79) Terphenyl-d14	19.92	244	1917325	68.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	68860	32.933	ng	100
3) Pyridine	3.82	79	209402	36.380	ng	100
4) n-Nitrosodimethylamine	3.73	42	79522	32.461	ng	100
6) Aniline	7.26	93	273483	36.697	ng	100
8) 2-Chlorophenol	7.50	128	176304	34.723	ng	100
9) Benzaldehyde	7.07	77	134346	36.162	ng	100
10) Phenol	7.14	94	223095	35.466	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	177202	35.416	ng	100
12) 1,3-Dichlorobenzene	7.82	146	224420	36.465	ng	100
13) 1,4-Dichlorobenzene	7.97	146	223835	36.220	ng	100
14) 1,2-Dichlorobenzene	8.29	146	212980	36.542	ng	100
15) Benzyl Alcohol	8.17	79	159998	36.992	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	276742	33.736	ng	100
17) 2-Methylphenol	8.38	107	158275	37.270	ng	100
18) Hexachloroethane	9.02	117	76011	36.777	ng	100
19) n-Nitroso-di-n-propylamine	8.74	70	146529	35.962	ng	100
20) 3+4-Methylphenols	8.71	107	221807	38.160	ng	100
22) Acetophenone	8.75	105	290440	34.471	ng	100
24) Nitrobenzene	9.13	77	206456	31.935	ng	100
25) Isophorone	9.66	82	392367	32.519	ng	100
26) 2-Nitrophenol	9.84	139	113231	38.645	ng	100
27) 2,4-Dimethylphenol	9.91	122	152922	32.079	ng	100
28) bis(2-Chloroethoxy)methane	10.14	93	253308	38.610	ng	100
29) 2,4-Dichlorophenol	10.38	162	205135	36.582	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	234484	35.695	ng	100
31) Naphthalene	10.78	128	583480	33.589	ng	100
32) Benzoic acid	10.05	122	106417	36.378	ng	100
33) 4-Chloroaniline	10.88	127	264294	37.232	ng	100
34) Hexachlorobutadiene	11.08	225	154177	35.257	ng	100
35) Caprolactam	11.65	113	77901	42.444	ng	100
36) 4-Chloro-3-methylphenol	12.02	107	201883	36.686	ng	100
37) 2-Methylnaphthalene	12.39	142	467147	34.949	ng	100
38) 1-Methylnaphthalene	12.61	142	441154	34.878	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	280985	33.053	ng	100

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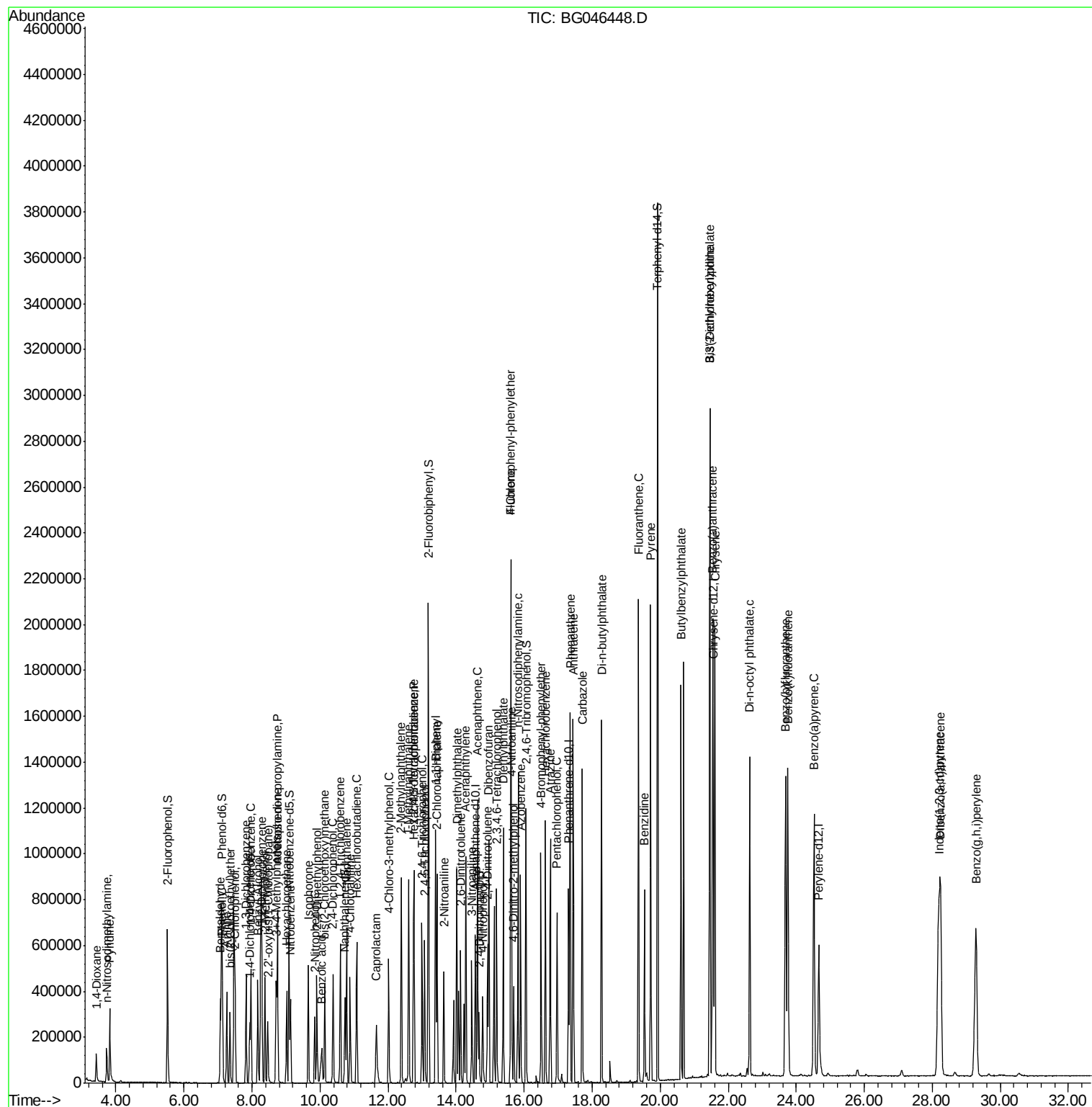
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	132466	27.166	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	196717	36.270	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	205351	34.701	ng	100
46) 1,1'-Biphenyl	13.40	154	595754	32.188	ng	100
47) 2-Chloronaphthalene	13.44	162	500408	33.894	ng	100
48) 2-Nitroaniline	13.64	65	144001	37.210	ng	100
49) Acenaphthylene	14.29	152	769276	33.555	ng	100
50) Dimethylphthalate	14.02	163	665077	36.727	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147504	34.999	ng	100
52) Acenaphthene	14.63	154	474599	31.367	ng	100
53) 3-Nitroaniline	14.46	138	163536	39.140	ng	100
54) 2,4-Dinitrophenol	14.67	184	95479	43.202	ng	100
55) Dibenzofuran	14.96	168	757046	33.159	ng	100
56) 4-Nitrophenol	14.78	139	123895	34.154	ng	100
57) 2,4-Dinitrotoluene	14.93	165	215588	37.205	ng	100
58) Fluorene	15.61	166	635295	34.360	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	199480	35.788	ng	100
60) Diethylphthalate	15.39	149	646231	36.276	ng	100
61) 4-Chlorophenyl-phenylether	15.61	204	353212	36.577	ng	100
62) 4-Nitroaniline	15.63	138	171145	40.728	ng	100
63) Azobenzene	15.90	77	522363	31.288	ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	129008	34.100	ng	100
66) n-Nitrosodiphenylamine	15.82	169	567664	32.783	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	249054	35.241	ng	100
68) Hexachlorobenzene	16.62	284	272643	34.405	ng	100
69) Atrazine	16.77	200	237481	35.616	ng	100
70) Pentachlorophenol	16.97	266	156313	30.401	ng	100
71) Phenanthrene	17.35	178	1050257	33.517	ng	100
72) Anthracene	17.44	178	1040544	33.384	ng	100
73) Carbazole	17.71	167	987952	32.872	ng	100
74) Di-n-butylphthalate	18.28	149	1136839	36.187	ng	100
75) Fluoranthene	19.36	202	1335568	34.139	ng	100
77) Benzidine	19.54	184	562550	34.992	ng	100
78) Pyrene	19.72	202	1339653	35.130	ng	100
80) Butylbenzylphthalate	20.61	149	538154	38.957	ng	100
81) Benzo(a)anthracene	21.54	228	1292550	34.031	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	494341	31.342	ng	100
83) Chrysene	21.61	228	1240004	33.327	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	720263	36.470	ng	100
85) Di-n-octyl phthalate	22.63	149	1232608	36.861	ng	100
87) Indeno(1,2,3-cd)pyrene	28.19	276	1540835	33.578	ng	100
88) Benzo(b)fluoranthene	23.69	252	1333460	33.072	ng	100
89) Benzo(k)fluoranthene	23.75	252	1287583	32.558	ng	100
90) Benzo(a)pyrene	24.52	252	1251177	33.348	ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1244551	32.444	ng	100
92) Benzo(g,h,i)perylene	29.28	276	1243684	32.102	ng	100

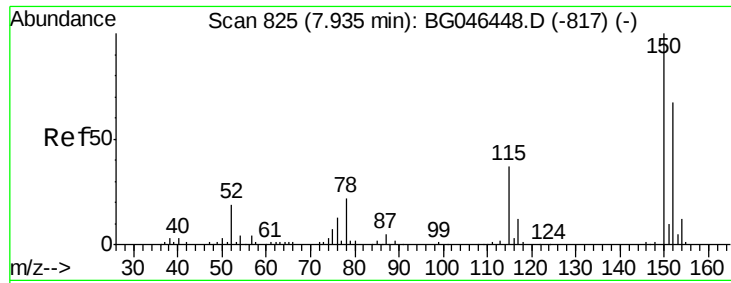
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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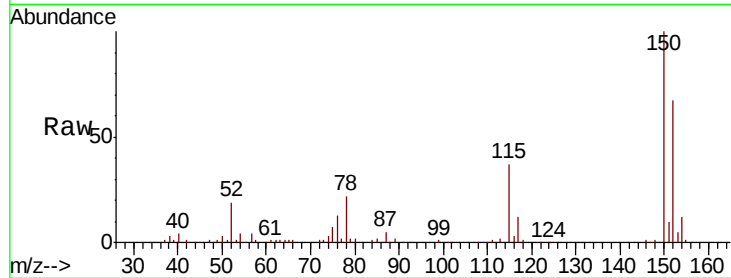


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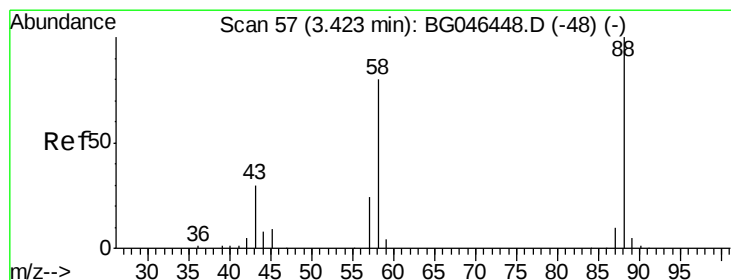
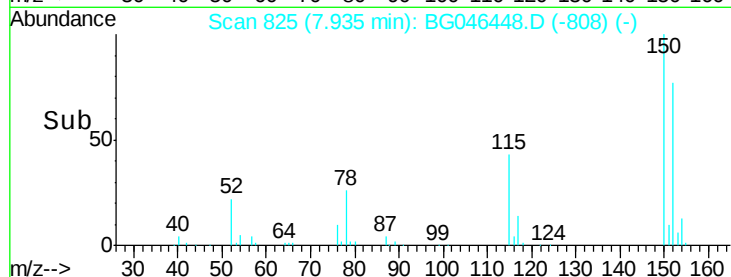
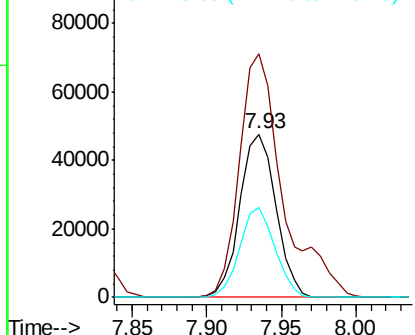
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 79857
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 55.4 44.3 66.5



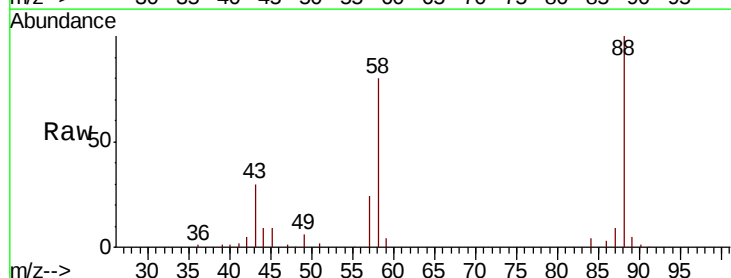
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



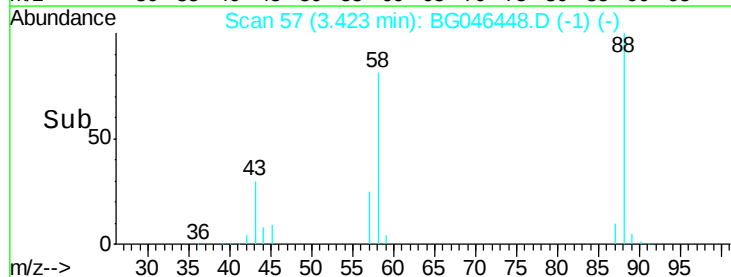
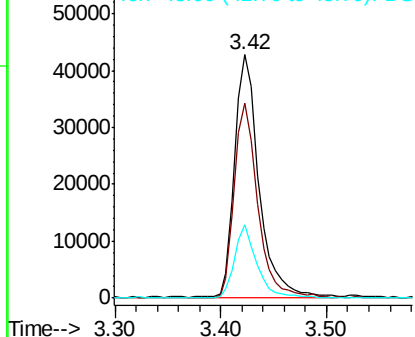
#2

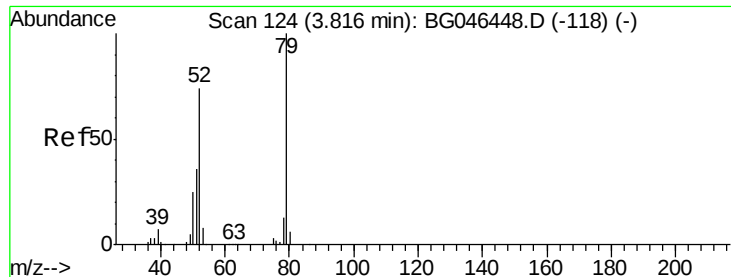
1,4-Dioxane
Concen: 32.933 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion: 88 Resp: 68860
Ion Ratio Lower Upper
88 100
58 76.8 61.4 92.2
43 27.0 21.6 32.4



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: 36.380 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

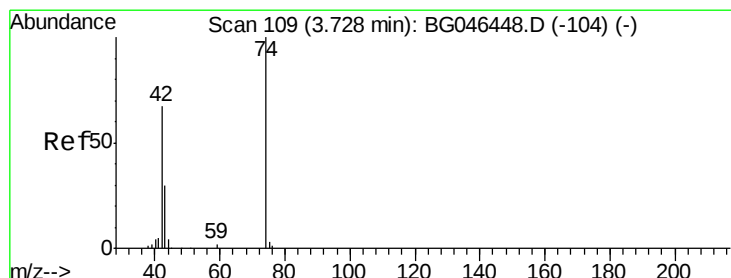
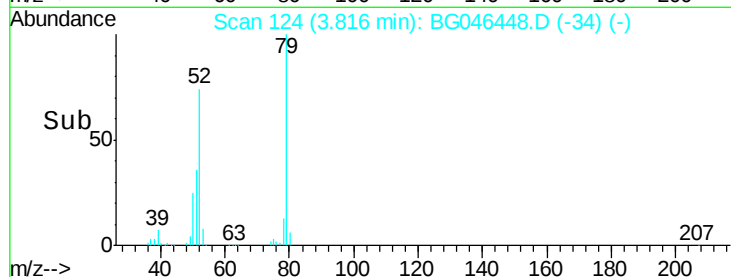
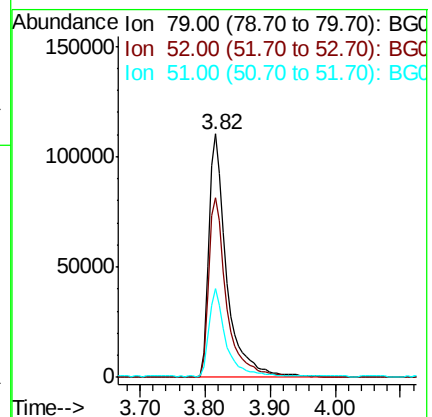
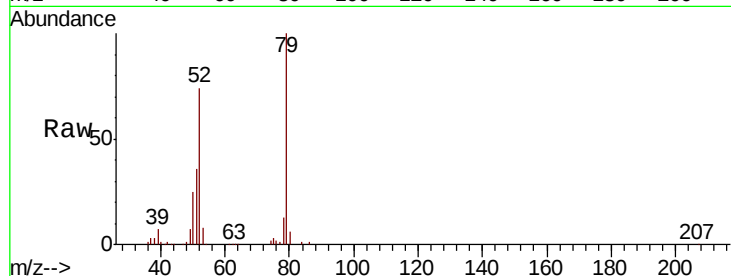
Tot Ion: 79 Resp: 209402

Ion Ratio Lower Upper

79 100

52 73.9 59.1 88.7

51 36.3 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 32.461 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

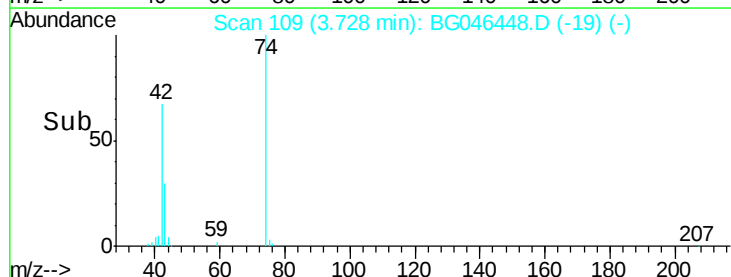
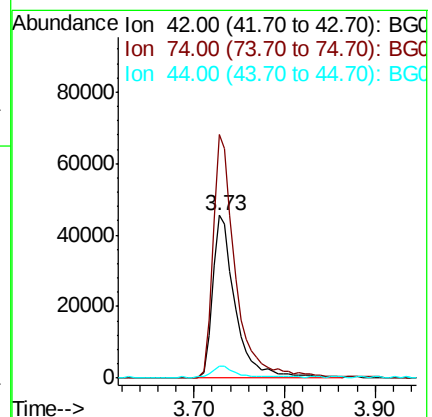
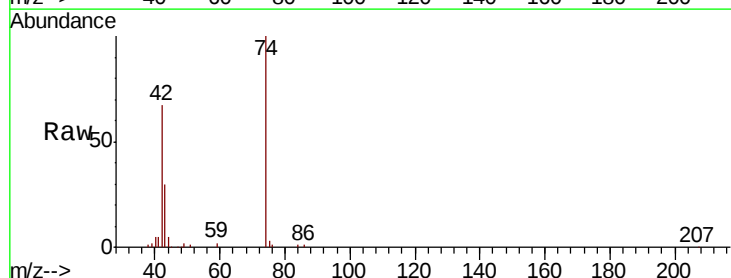
Tgt Ion: 42 Resp: 79522

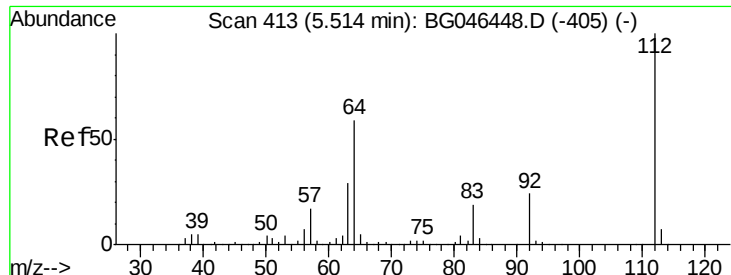
Ion Ratio Lower Upper

42 100

74 149.4 119.5 179.3

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 73.221 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

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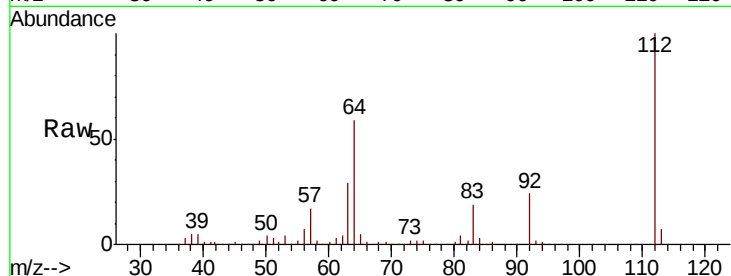
Tot Ion:112 Resp: 336360

Ion Ratio Lower Upper

112 100

64 58.8 47.0 70.6

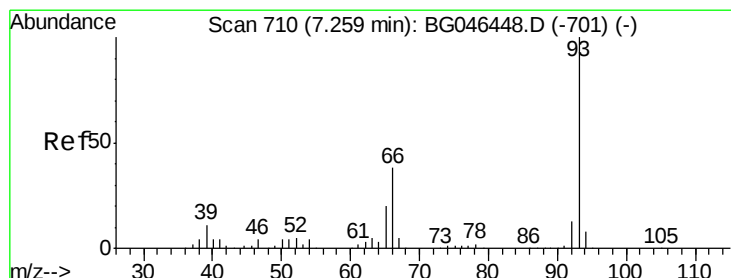
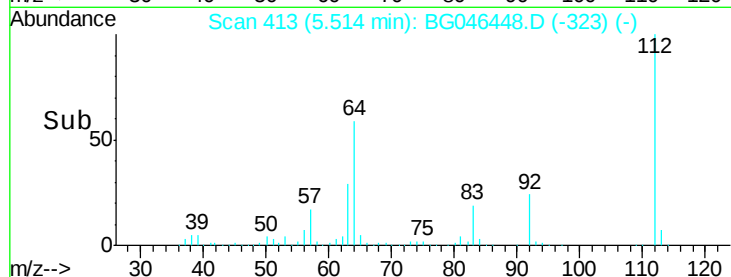
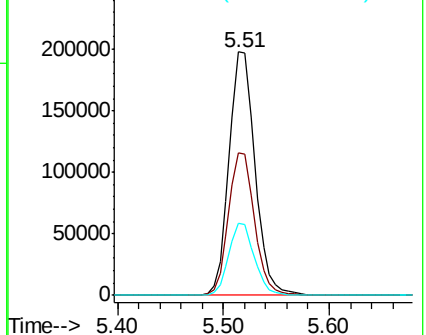
63 29.4 23.5 35.3



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: 36.697 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

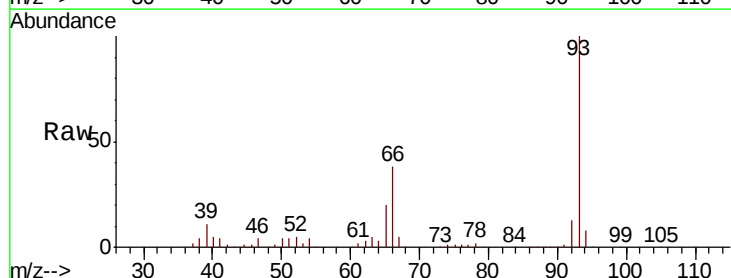
Tgt Ion: 93 Resp: 273483

Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

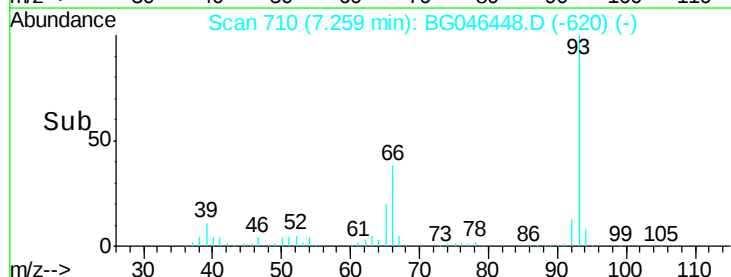
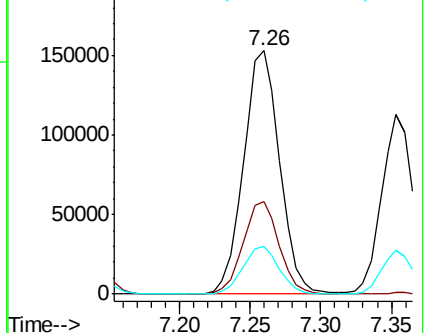
65 19.7 15.8 23.6

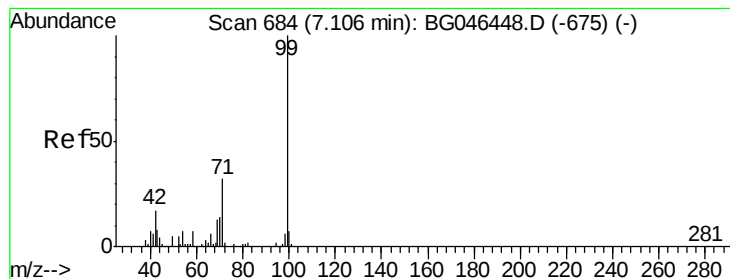


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.770 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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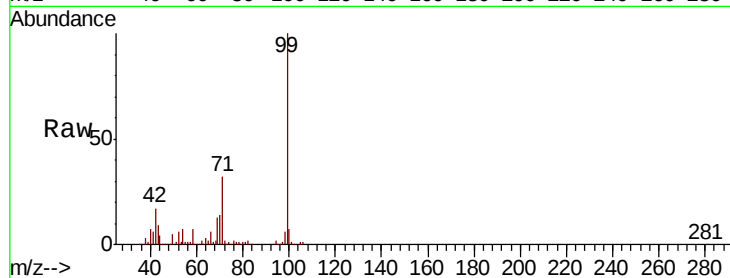
Tot Ion: 99 Resp: 486896

Ion Ratio Lower Upper

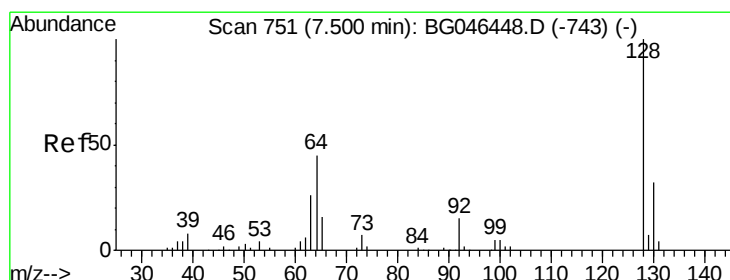
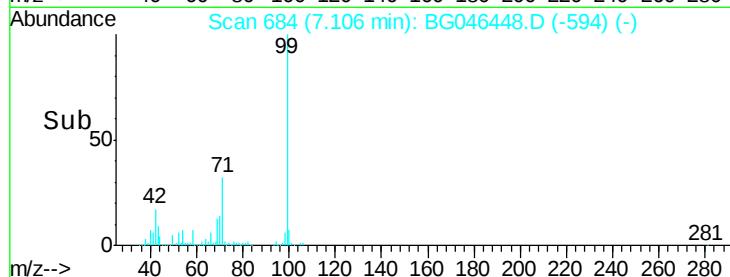
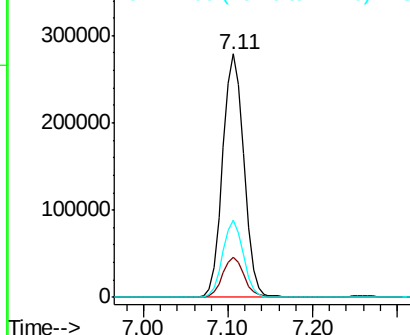
99 100

42 16.6 13.3 19.9

71 31.6 25.3 37.9



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: 34.723 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

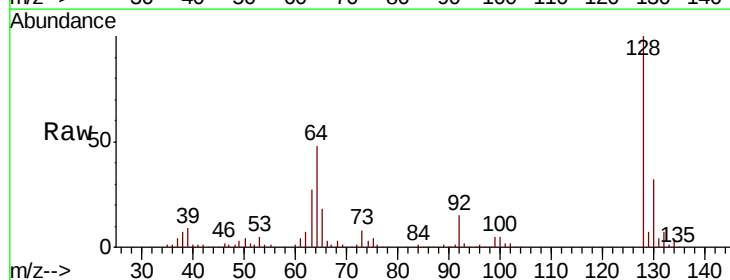
Tgt Ion: 128 Resp: 176304

Ion Ratio Lower Upper

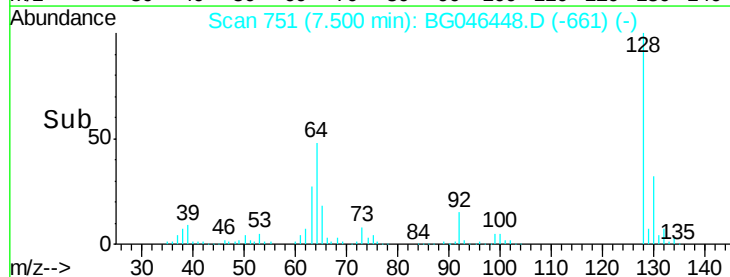
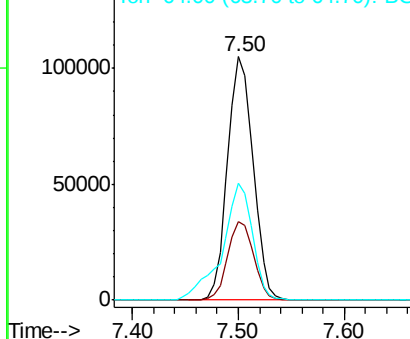
128 100

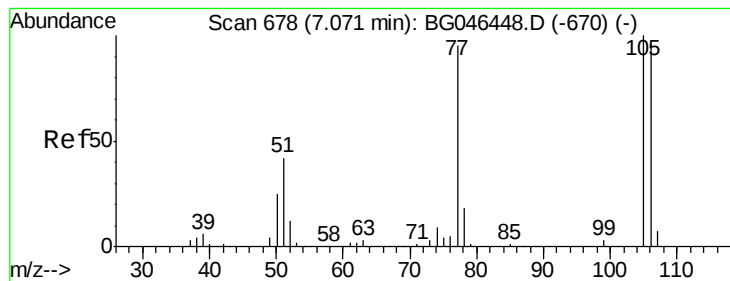
130 32.4 12.4 52.4

64 48.1 28.1 68.1



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: 36.162 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.00 min

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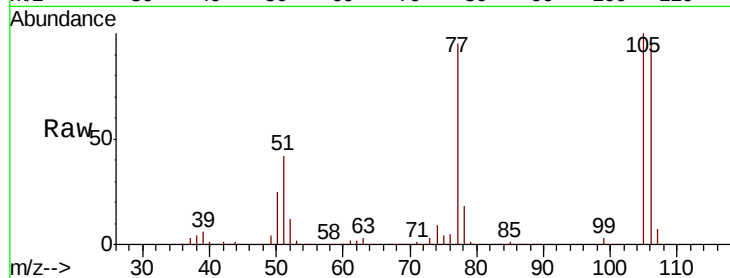
Tot Ion: 77 Resp: 134346

Ion Ratio Lower Upper

77 100

105 105.6 85.6 125.6

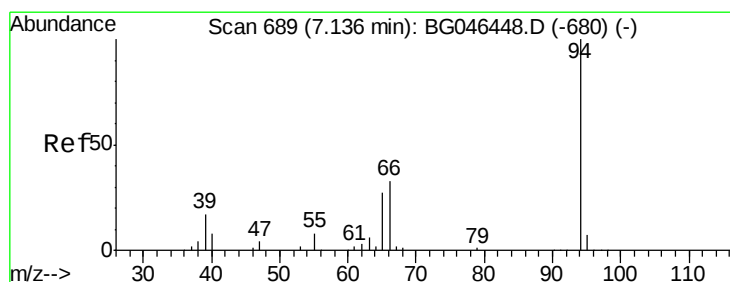
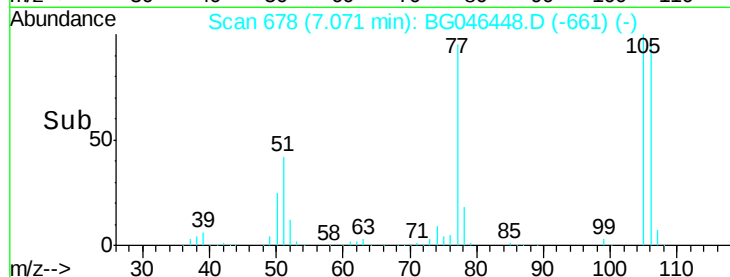
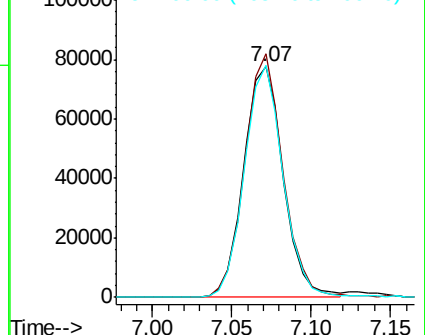
106 100.8 80.8 120.8



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: 35.466 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

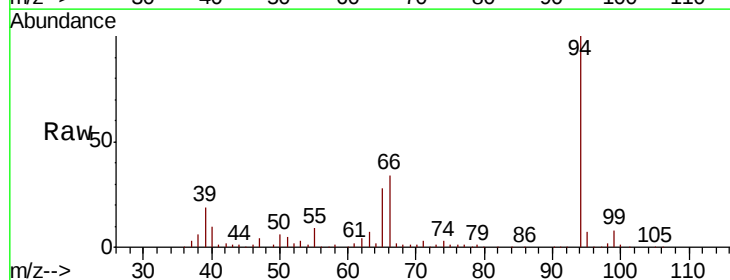
Tgt Ion: 94 Resp: 223095

Ion Ratio Lower Upper

94 100

65 27.5 7.5 47.5

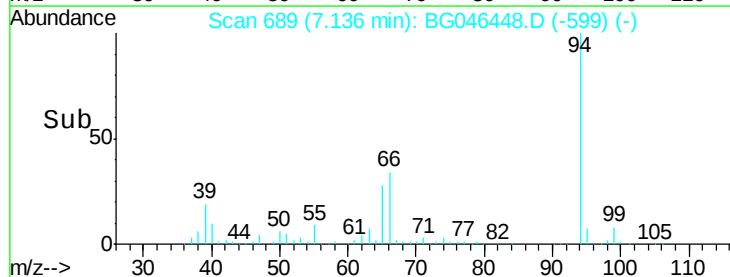
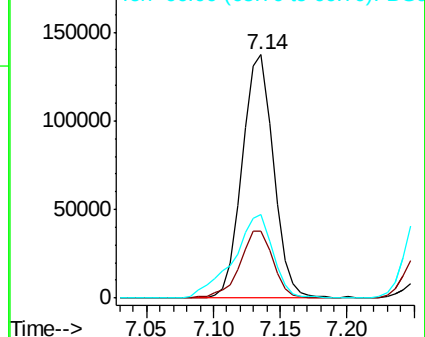
66 34.1 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

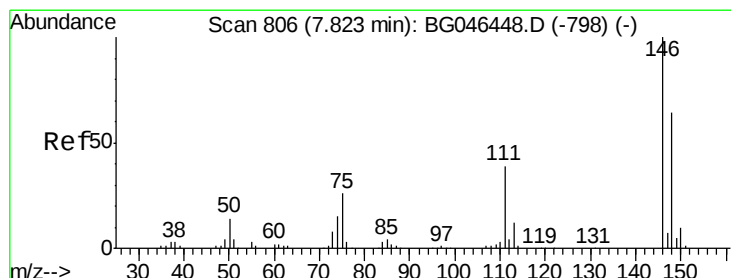
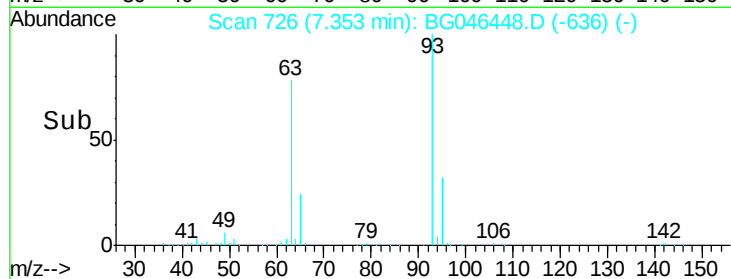
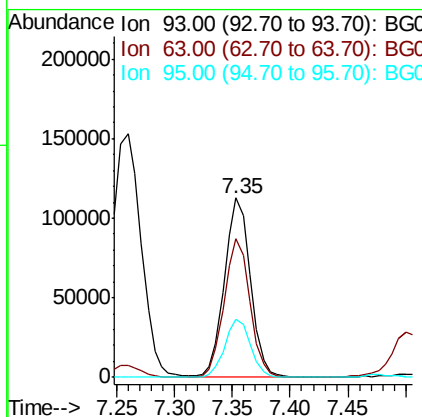
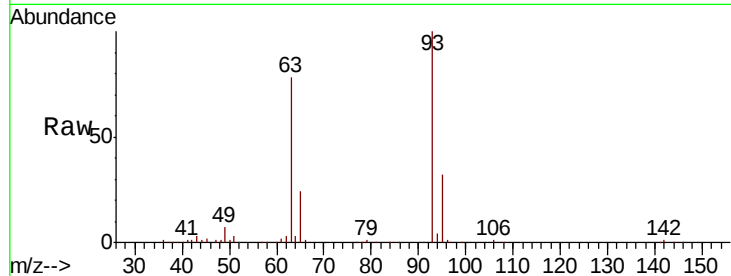




#11
bis(2-Chloroethyl)ether
Concen: 35.416 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

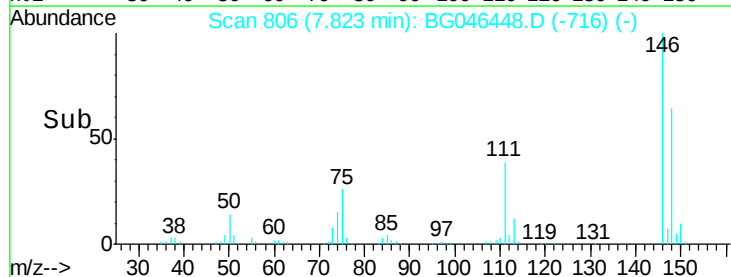
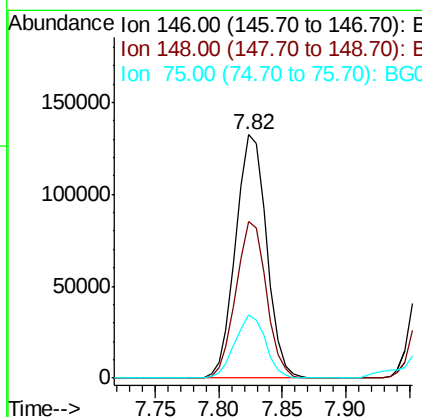
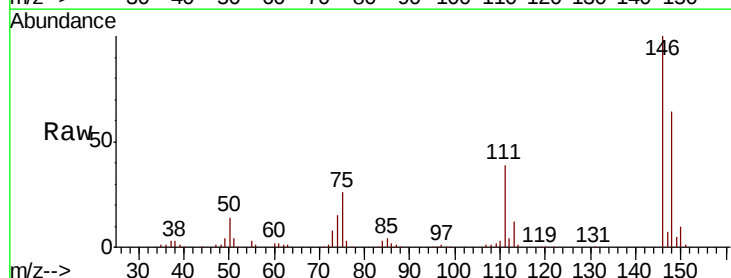
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

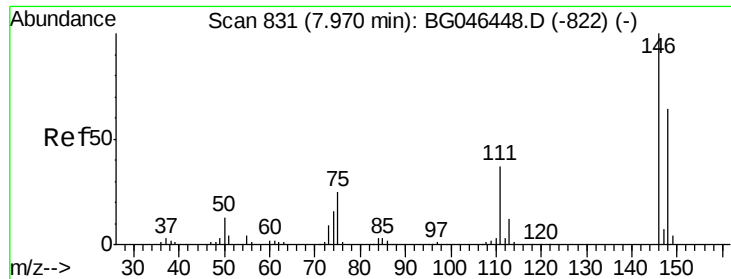
Tot Ion: 93 Resp: 177202
Ion Ratio Lower Upper
93 100
63 77.7 57.7 97.7
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.465 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion: 146 Resp: 224420
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 25.9 20.7 31.1

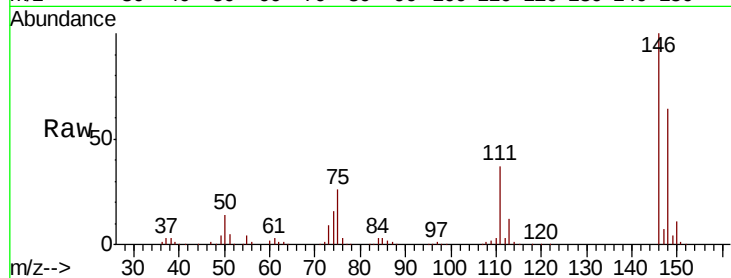




#13
 1,4-Dichlorobenzene
 Concen: 36.220 ng
 RT: 7.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	37.2	29.8	44.6

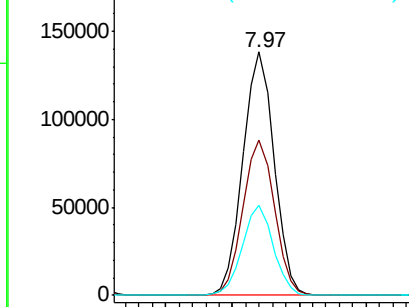


Abundance

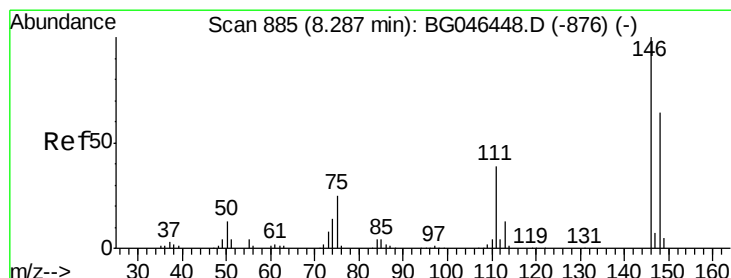
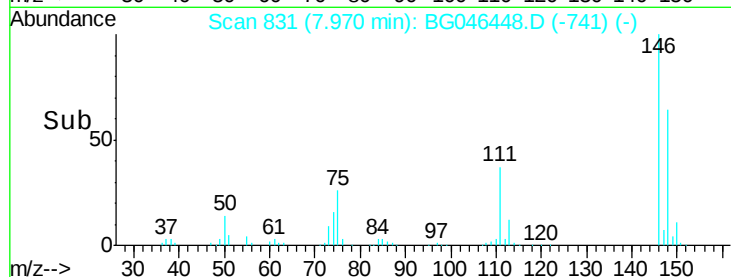
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

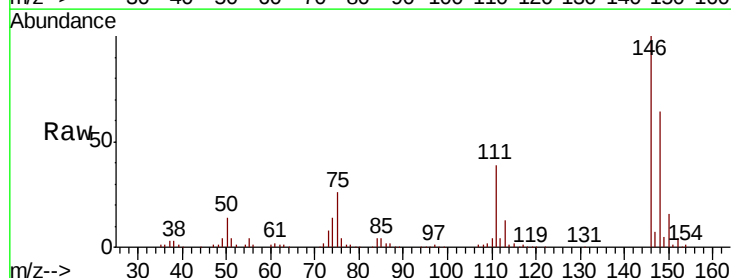


Time-->



#14
 1,2-Dichlorobenzene
 Concen: 36.542 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	39.3	31.4	47.2

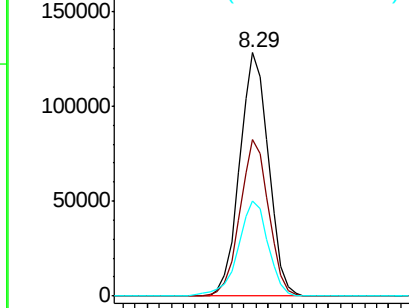


Abundance

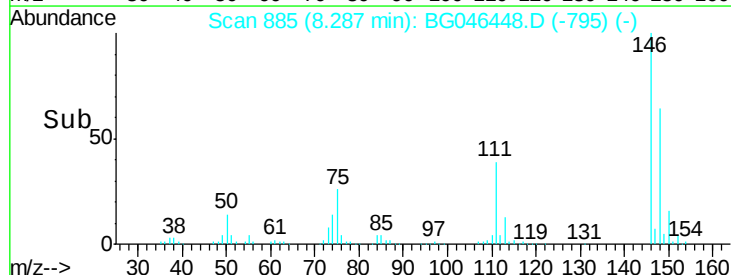
Ion 146.00 (145.70 to 146.70): E

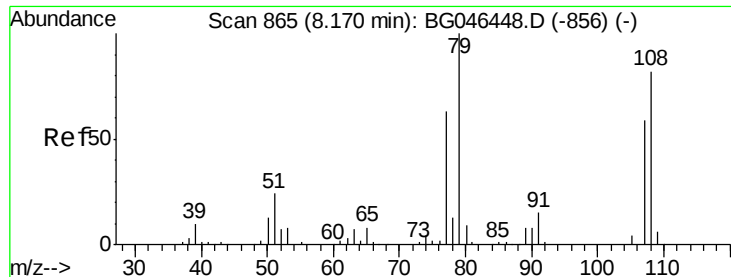
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 36.992 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

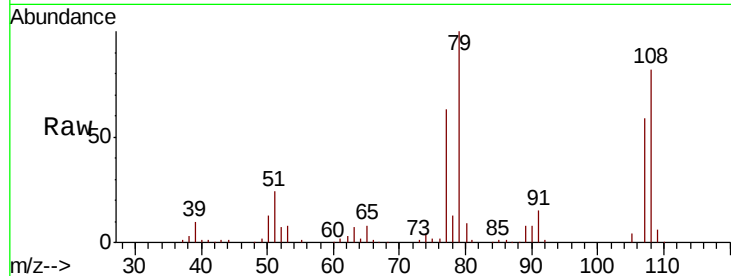
Tot Ion: 79 Resp: 159998

Ion Ratio Lower Upper

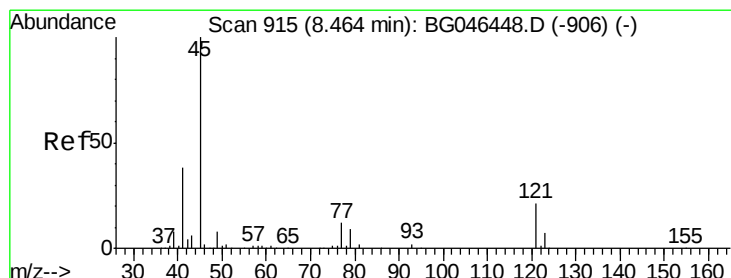
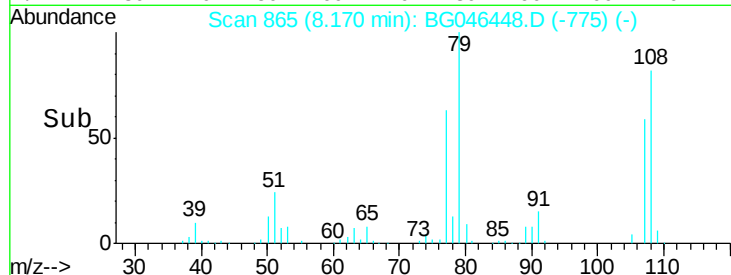
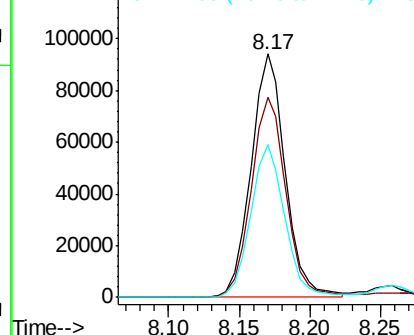
79 100

108 82.1 65.7 98.5

77 62.9 50.3 75.5



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: 33.736 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

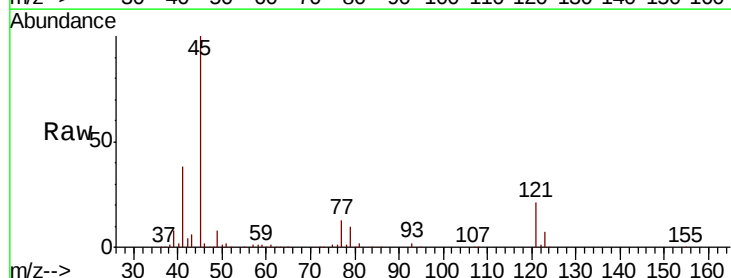
Tgt Ion: 45 Resp: 276742

Ion Ratio Lower Upper

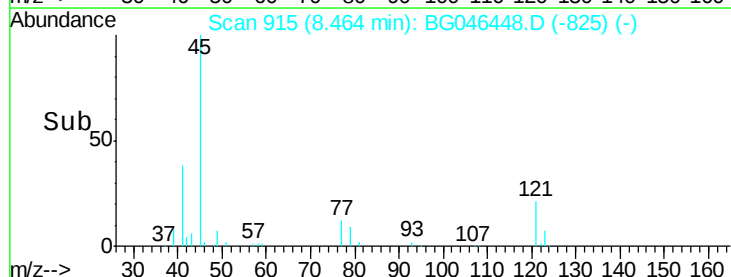
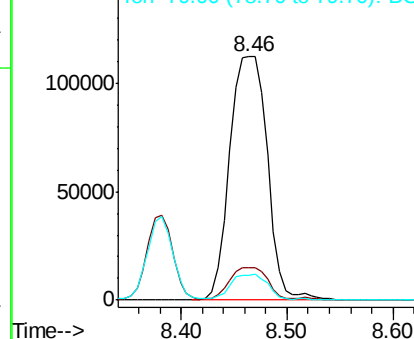
45 100

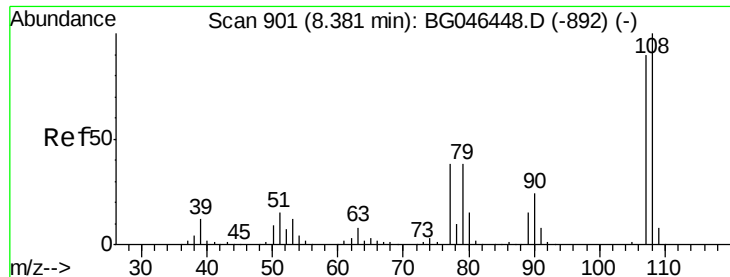
77 13.2 0.0 33.2

79 10.3 0.0 30.3



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

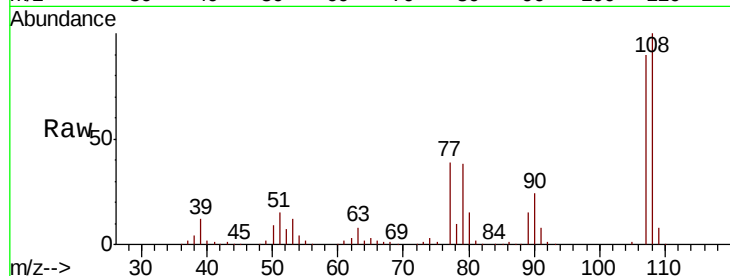




#17
2-Methylphenol
Concen: 37.270 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	43.1	34.5	51.7
79	42.2	33.8	50.6



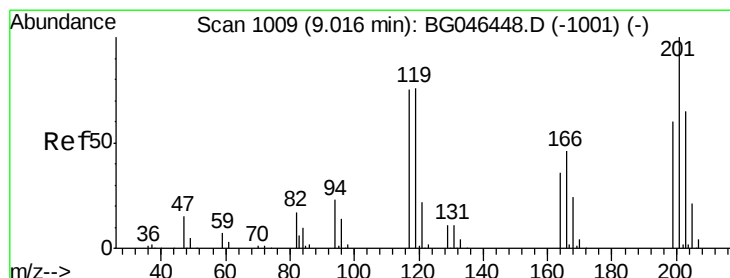
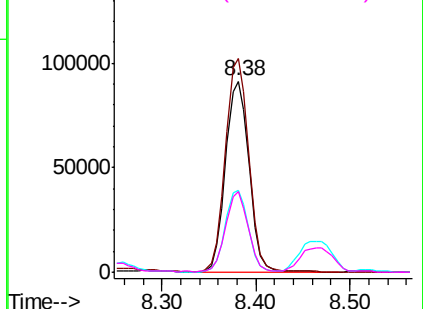
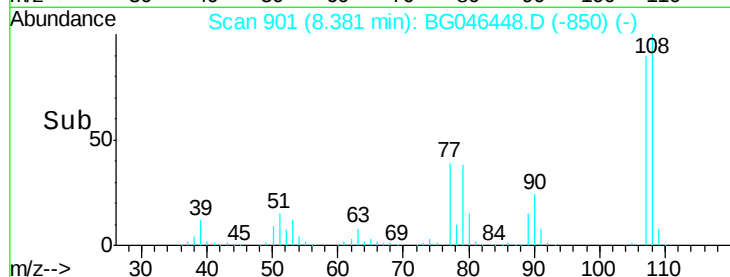
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

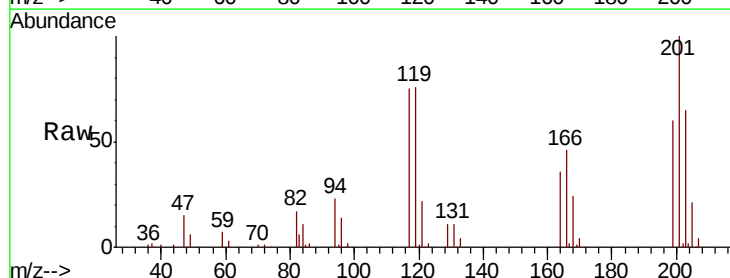
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.777 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	80.8	121.2
201	133.4	106.7	160.1

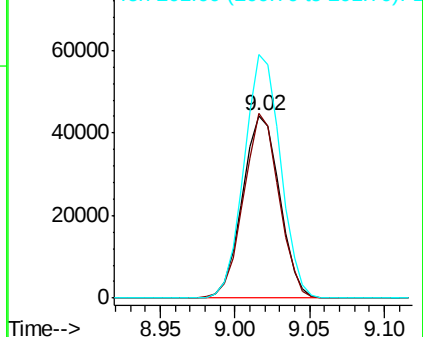
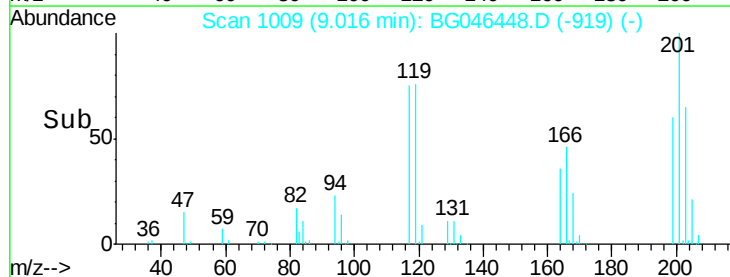


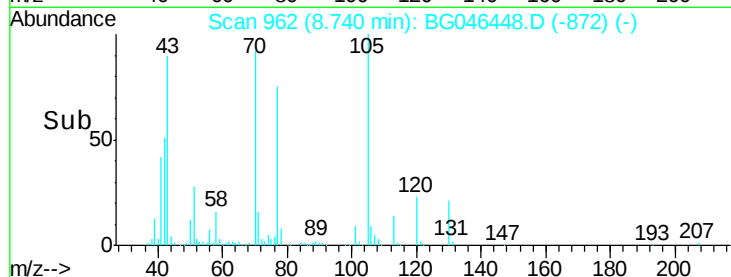
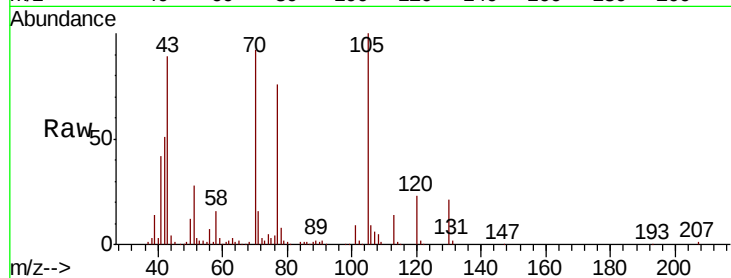
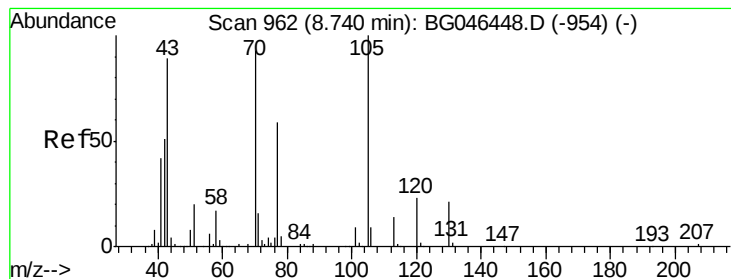
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.962 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 146529

Ion Ratio Lower Upper

70 100

42 55.2 44.2 66.2

101 9.8 7.8 11.8

130 22.8 18.2 27.4

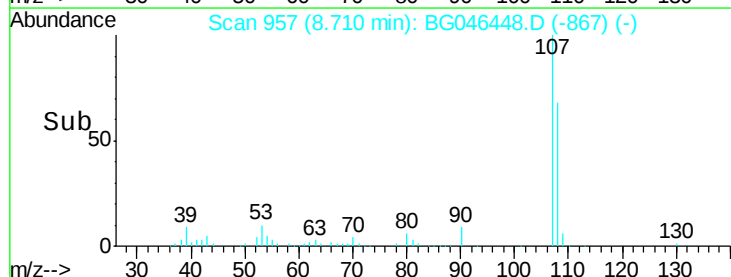
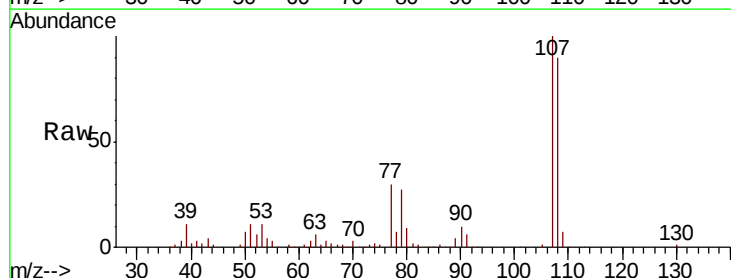
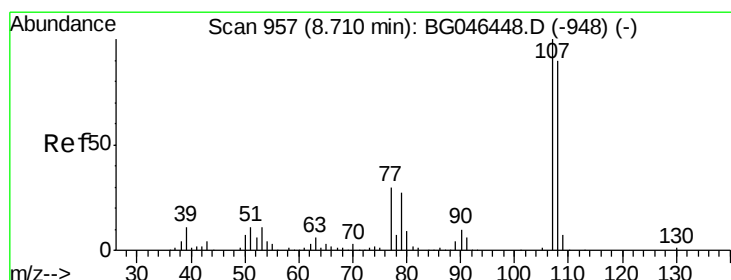
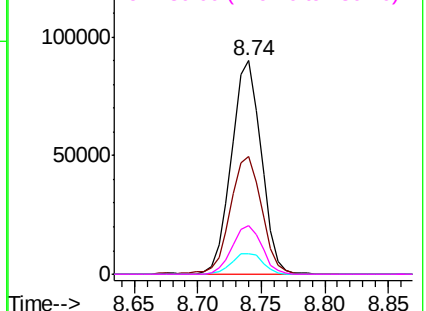
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.160 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion: 107 Resp: 221807

Ion Ratio Lower Upper

107 100

108 89.7 69.7 109.7

77 29.7 9.7 49.7

79 26.9 6.9 46.9

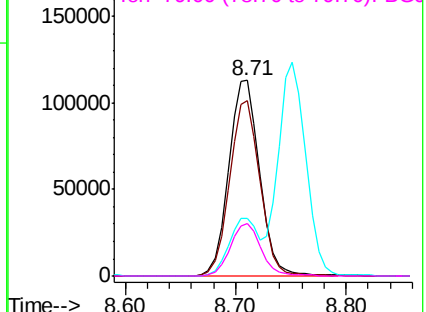
Abundance

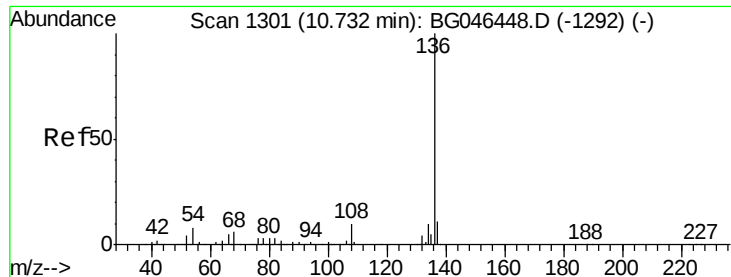
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 328306

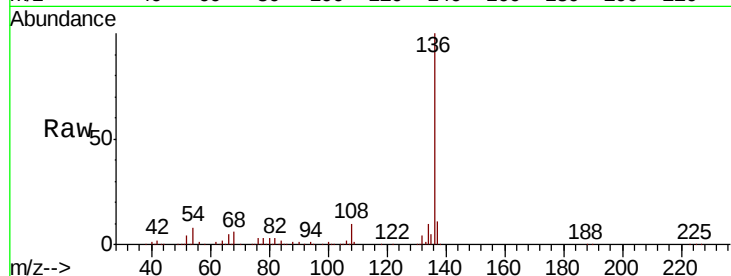
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 6.1 9.1

68 6.0 4.8 7.2

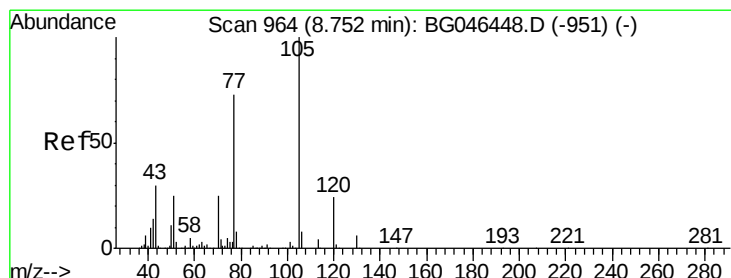
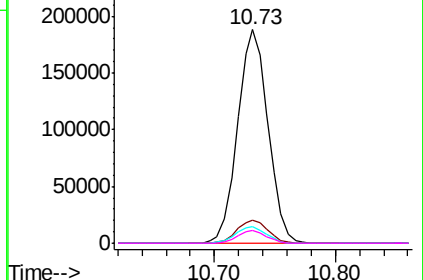
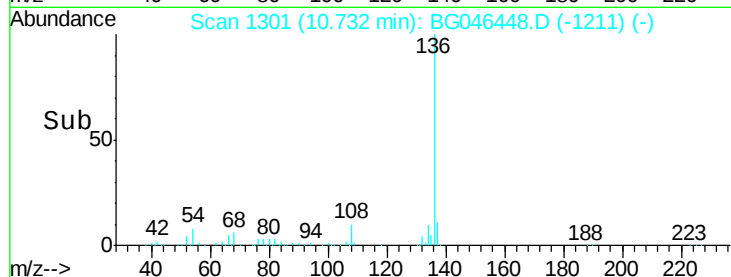


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.471 ng

RT: 8.75 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion:105 Resp: 290440

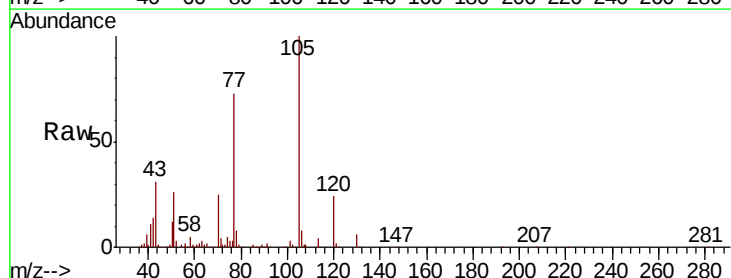
Ion Ratio Lower Upper

105 100

71 4.1 3.3 4.9

51 25.8 20.6 31.0

120 23.8 19.0 28.6

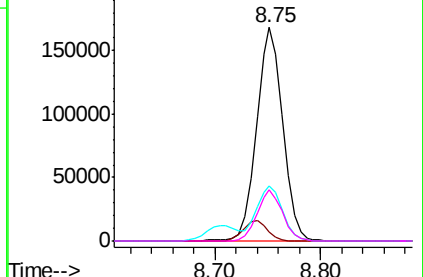
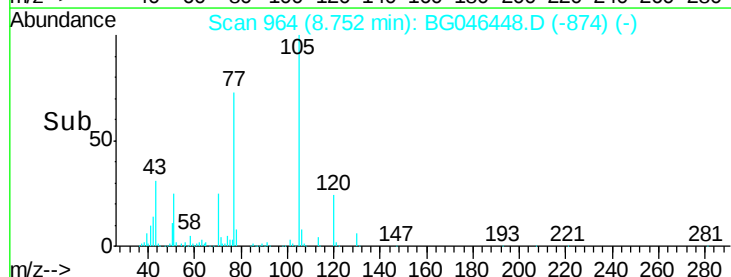


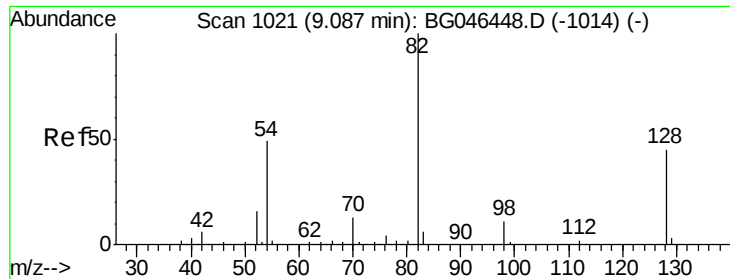
Abundance Ion 105.00 (104.70 to 105.70): E

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

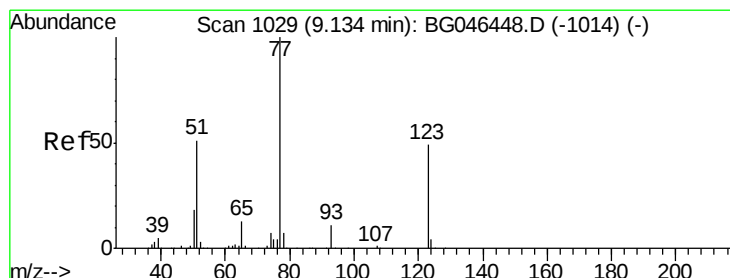
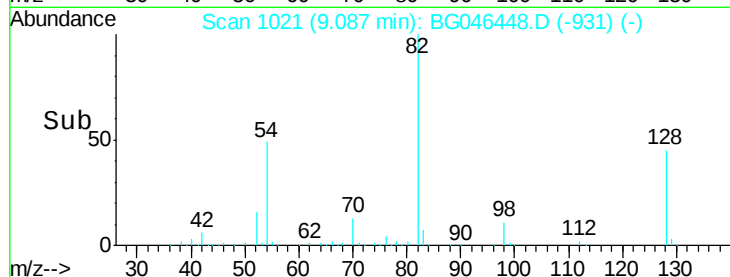
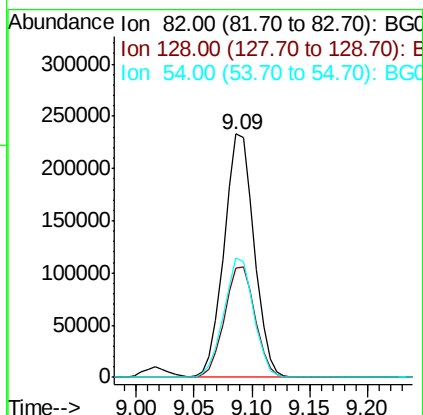
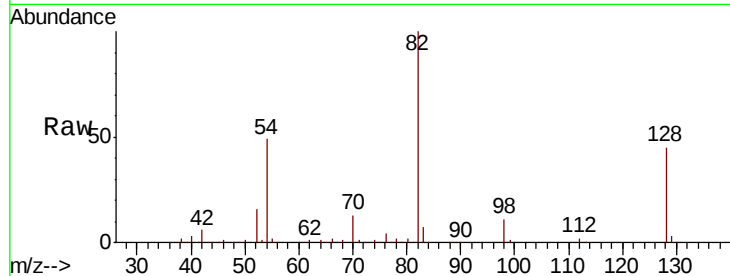




#23
Nitrobenzene-d5
Concen: 69.132 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

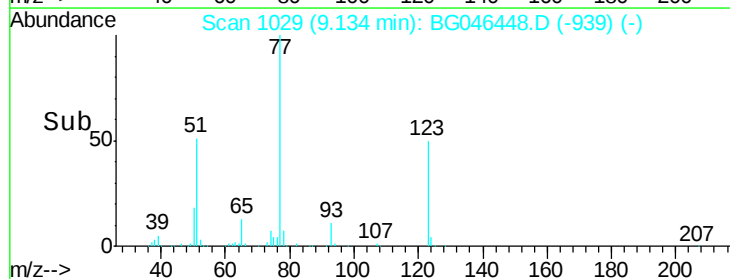
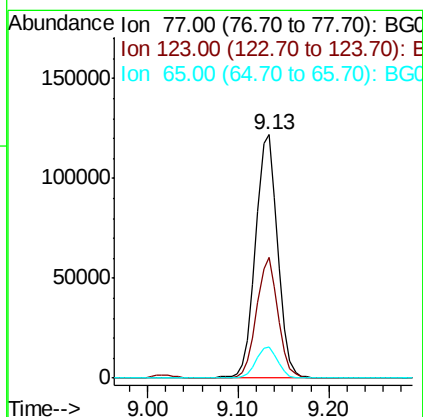
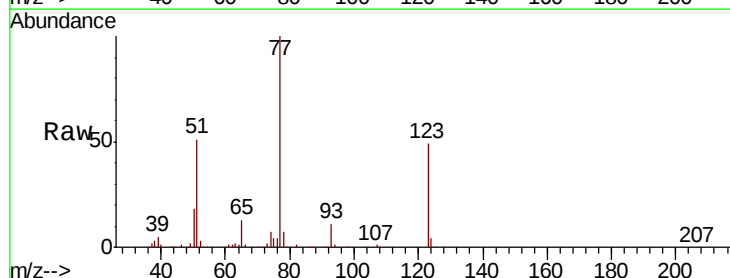
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

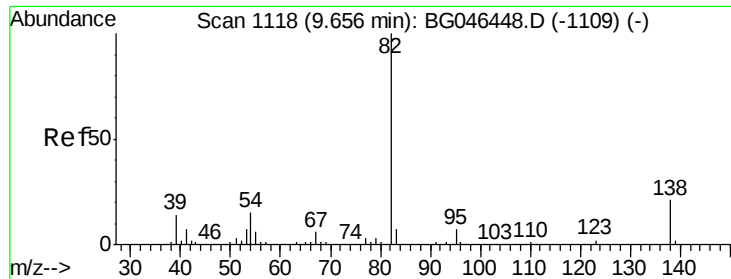
Tot Ion	82	Resp	419195
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.7	53.5
54	49.2	39.4	59.0



#24
Nitrobenzene
Concen: 31.935 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion	77	Resp	206456
Ion Ratio	Lower	Upper	
77	100		
123	49.5	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 32.519 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

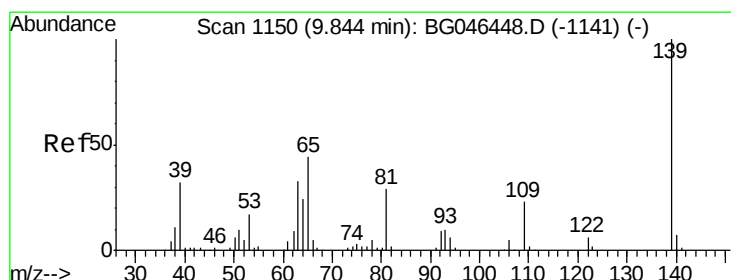
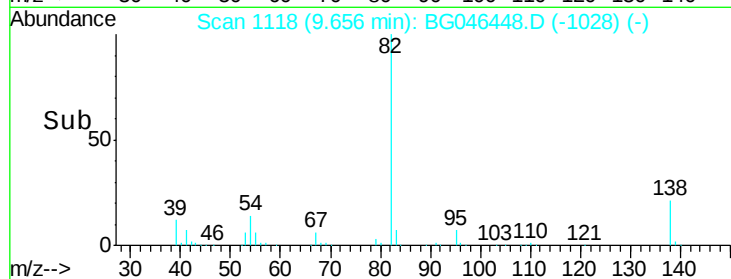
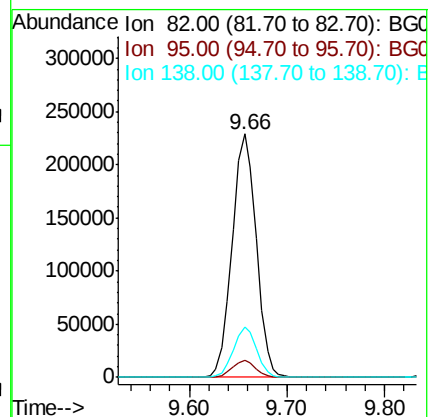
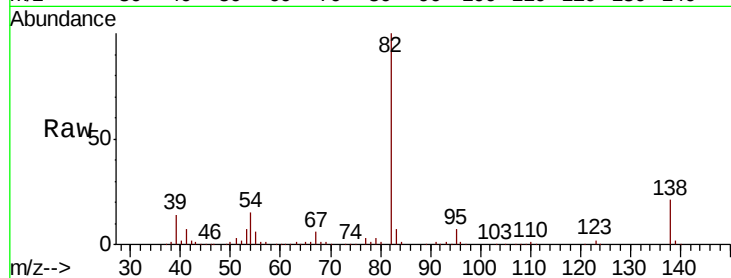
Tot Ion: 82 Resp: 392367

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 20.5 16.4 24.6



#26

2-Nitrophenol

Concen: 38.645 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

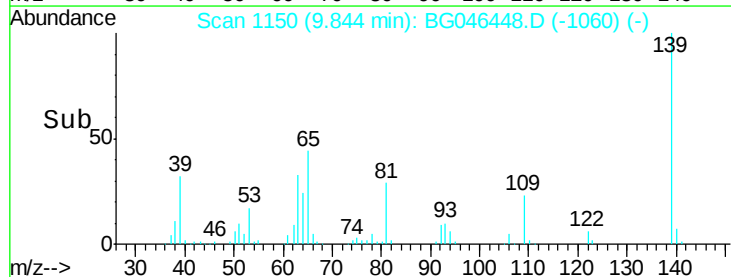
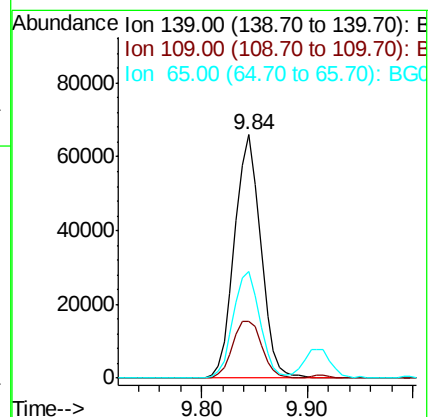
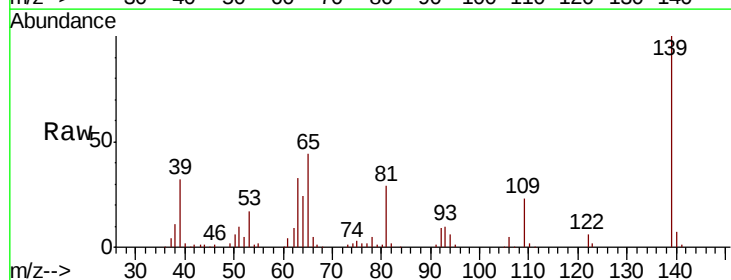
Tgt Ion: 139 Resp: 113231

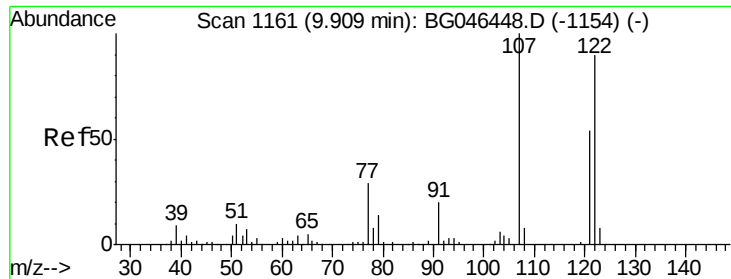
Ion Ratio Lower Upper

139 100

109 23.5 18.8 28.2

65 43.8 35.0 52.6

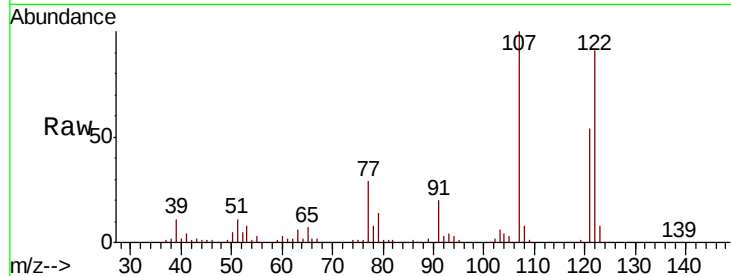




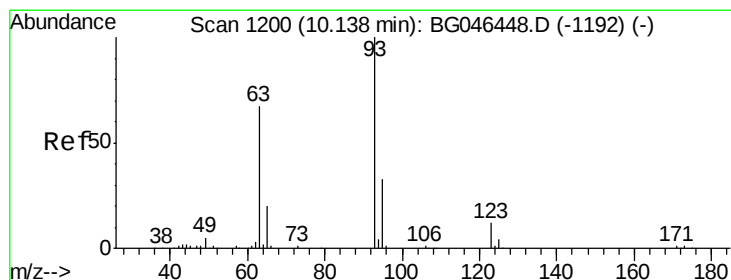
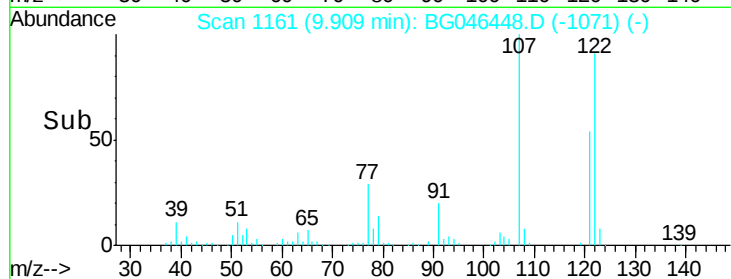
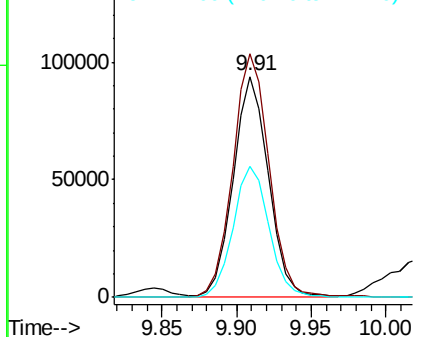
#27
2,4-Dimethylphenol
Concen: 32.079 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.2	132.2
121	59.2	47.4	71.0

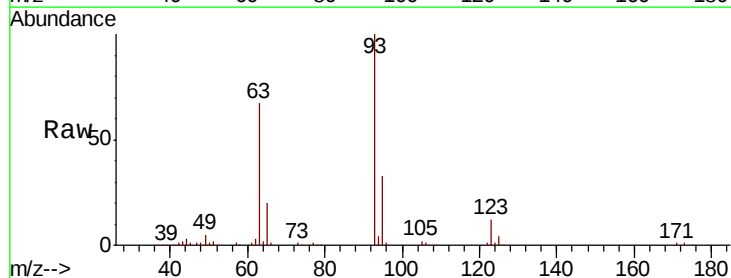


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

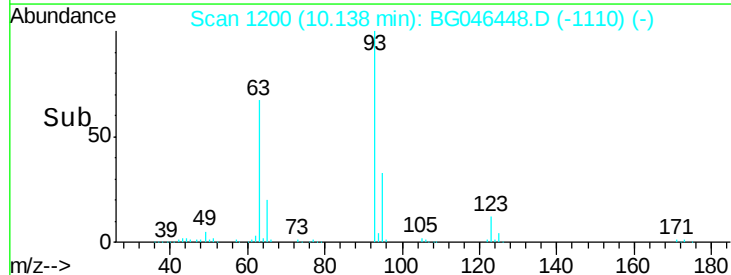
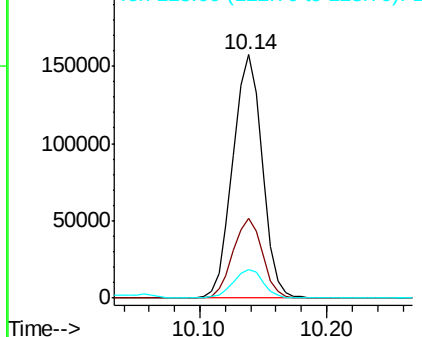


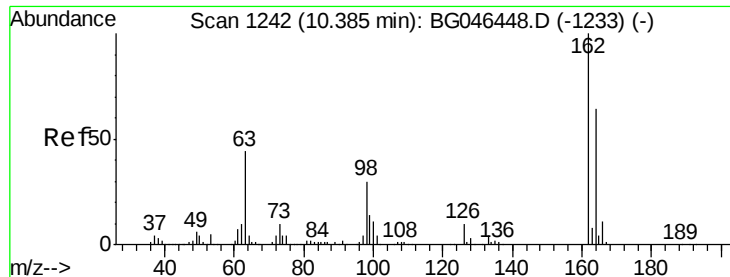
#28
bis(2-Chloroethoxy)methane
Concen: 38.610 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.5	14.3



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

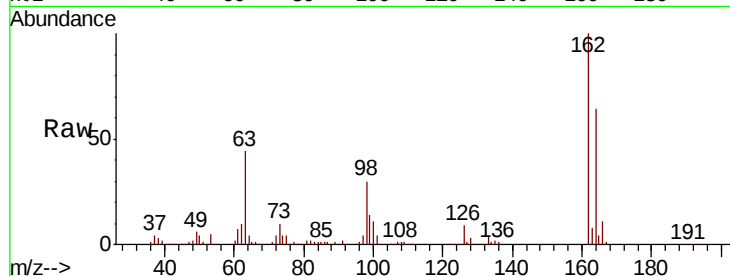




#29
 2,4-Dichlorophenol
 Concen: 36.582 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.3	84.3
98	30.0	10.0	50.0

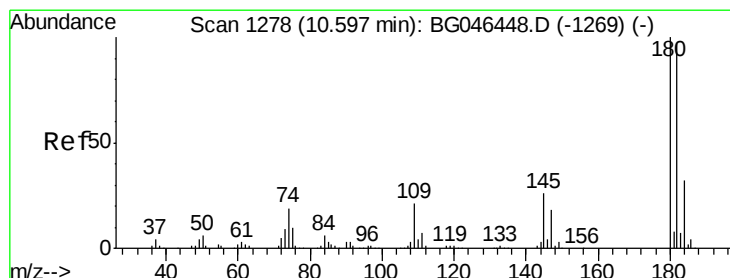
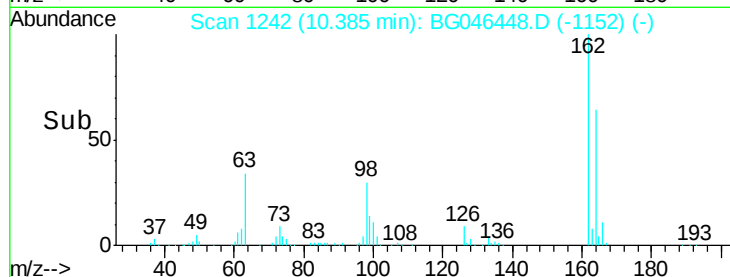
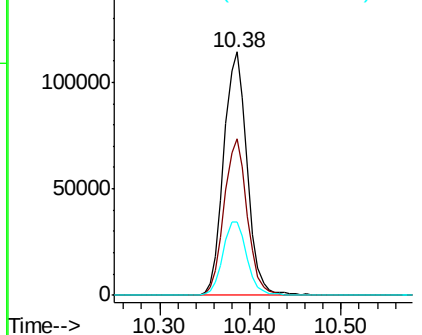


Abundance

Ion 162.00 (161.70 to 162.70): E

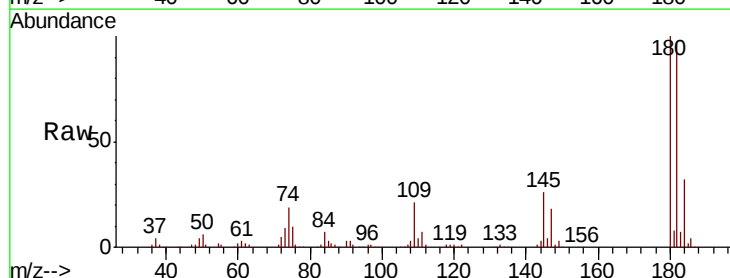
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 35.695 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.8	116.8
145	26.1	20.9	31.3

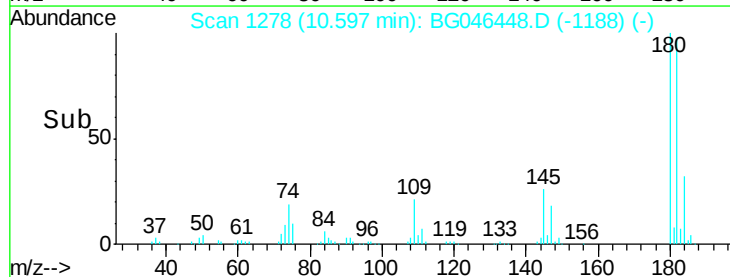
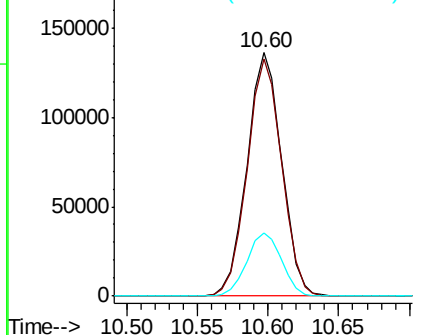


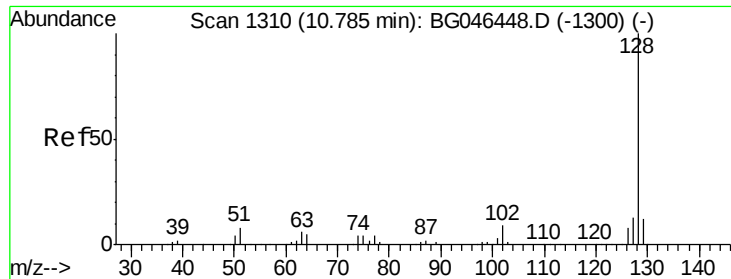
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

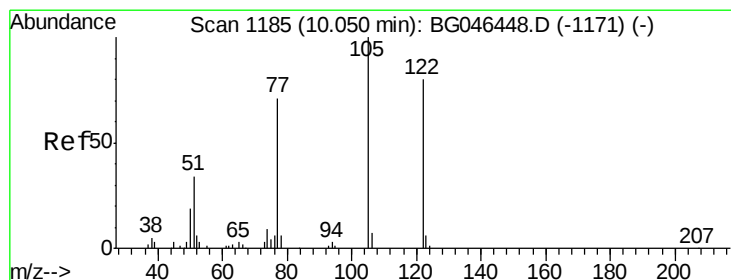
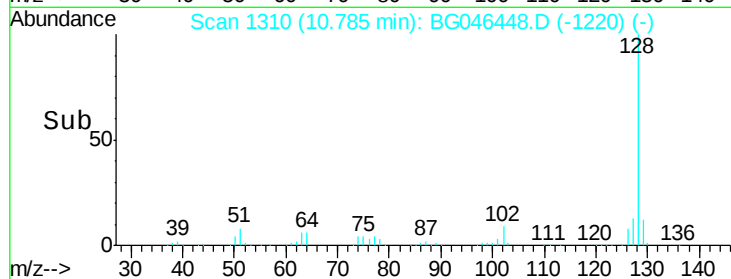
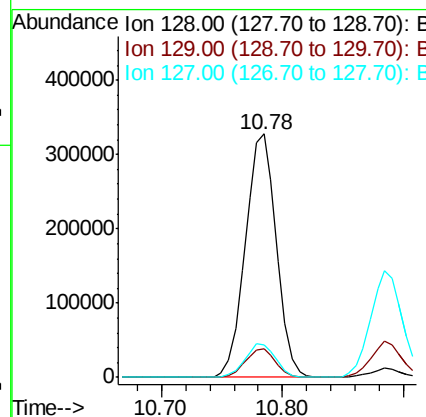
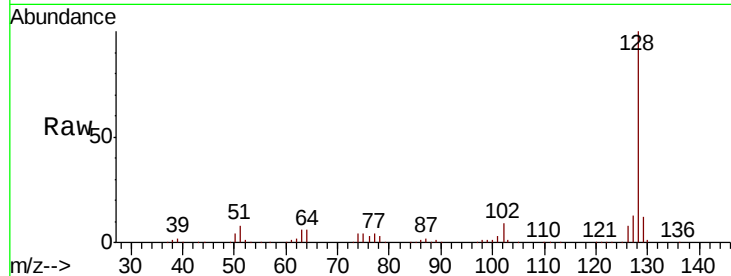




#31
Naphthalene
Concen: 33.589 ng
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

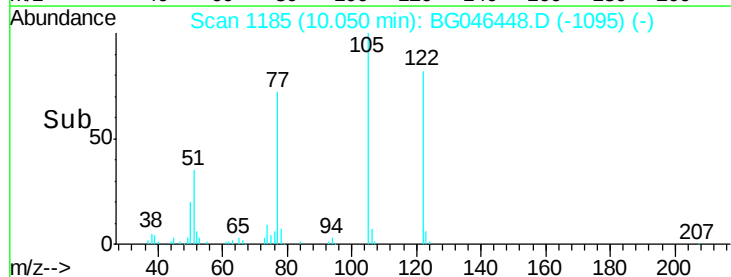
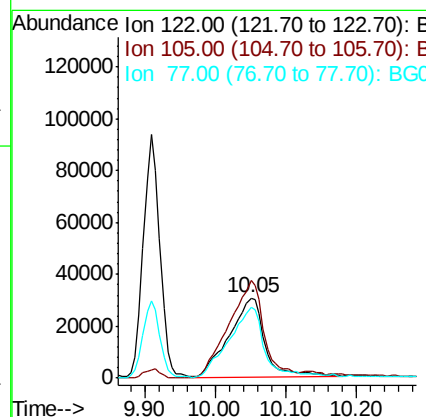
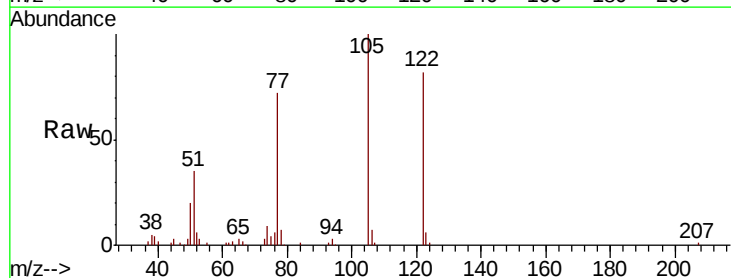
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

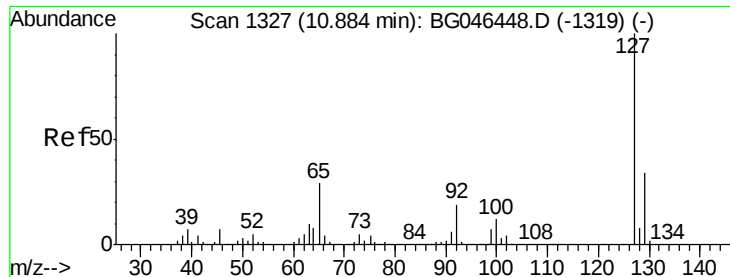
Tot Ion:128 Resp: 583480
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 36.378 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:122 Resp: 106417
Ion Ratio Lower Upper
122 100
105 122.5 102.5 142.5
77 88.2 68.2 108.2

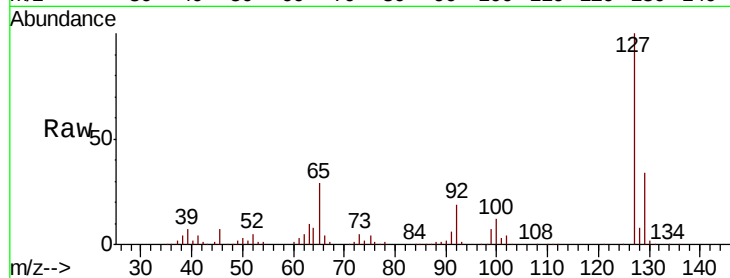




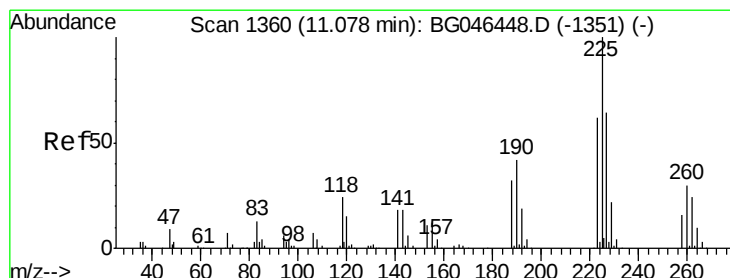
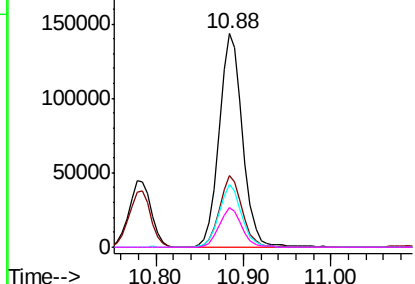
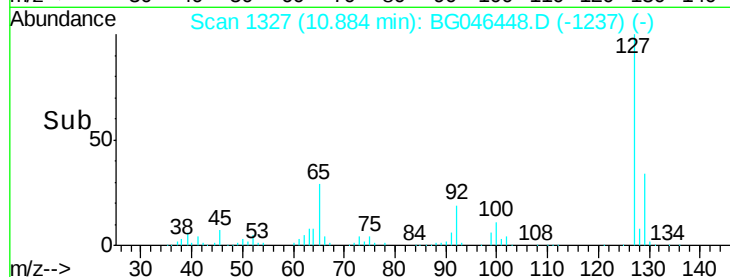
#33
4-Chloroaniline
Concen: 37.232 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:127	Resp:	264294
Ion Ratio	Lower	Upper
127	100	
129	33.7	27.0 40.4
65	29.4	23.5 35.3
92	18.6	14.9 22.3

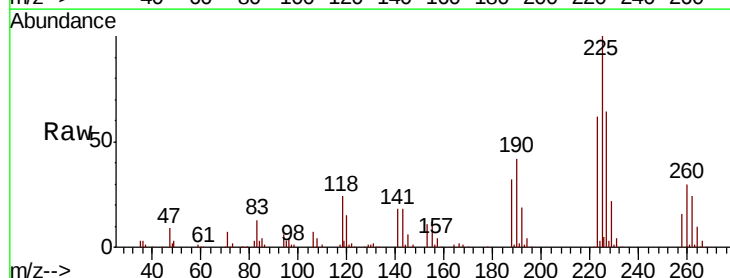


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

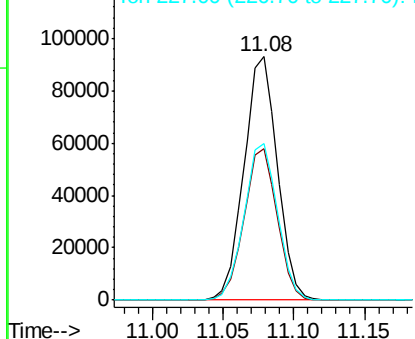
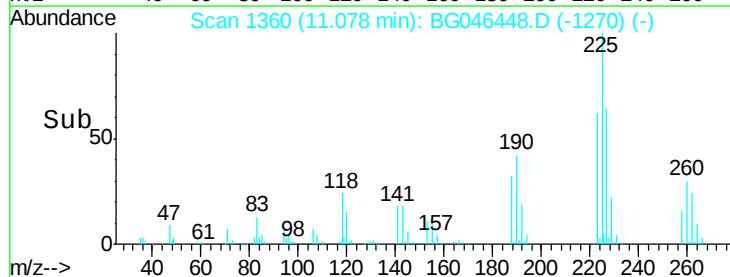


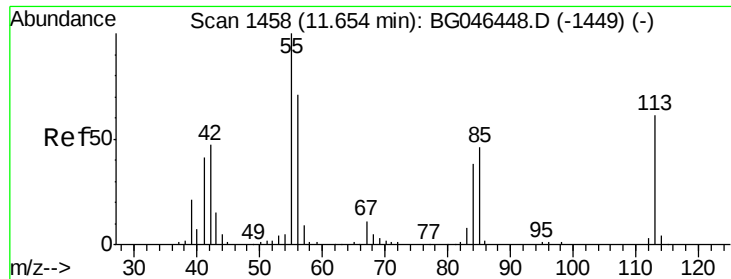
#34
Hexachlorobutadiene
Concen: 35.257 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:225	Resp:	154177
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.9 74.9
227	64.5	51.6 77.4



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

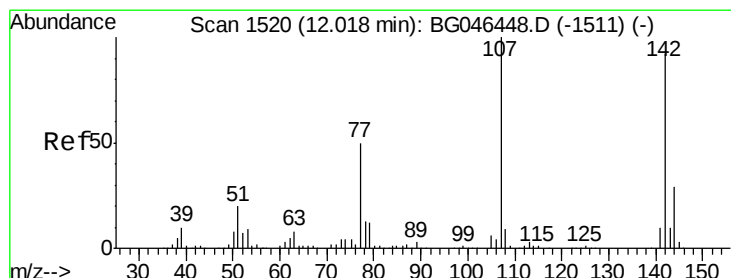
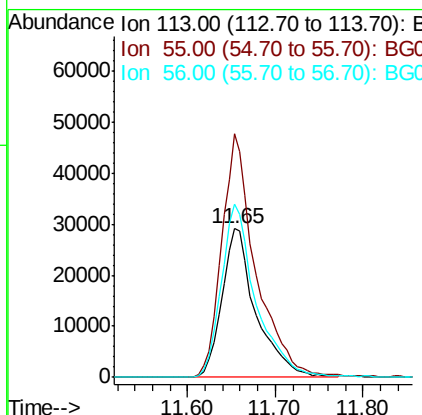
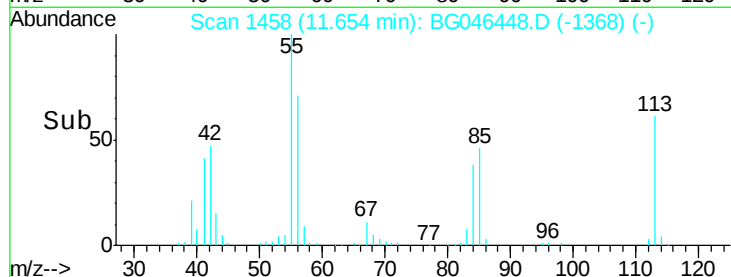
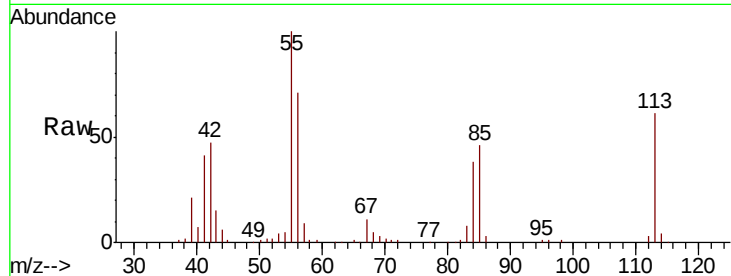




#35
Caprolactam
Concen: 42.444 ng
RT: 11.65 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

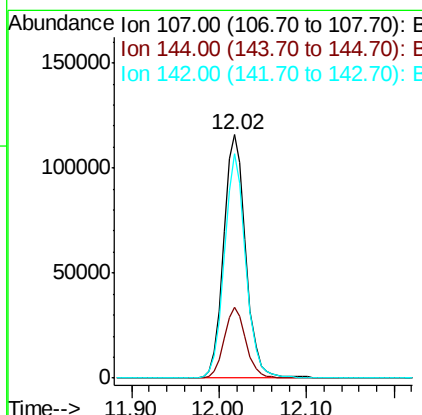
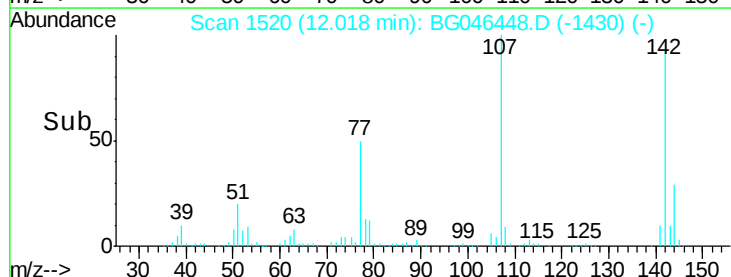
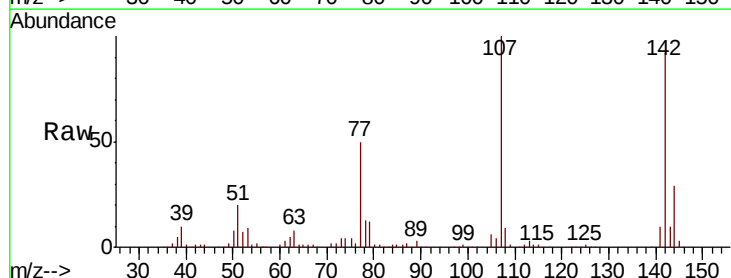
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

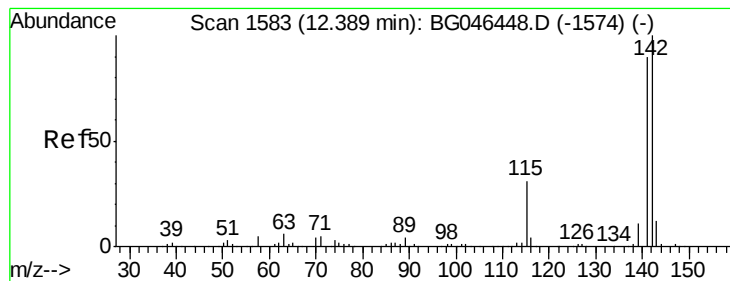
Tot Ion:113 Resp: 77901
Ion Ratio Lower Upper
113 100
55 164.2 144.2 184.2
56 117.0 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 36.686 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:107 Resp: 201883
Ion Ratio Lower Upper
107 100
144 29.1 23.3 34.9
142 92.1 73.7 110.5





#37

2-Methylnaphthalene

Concen: 34.949 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

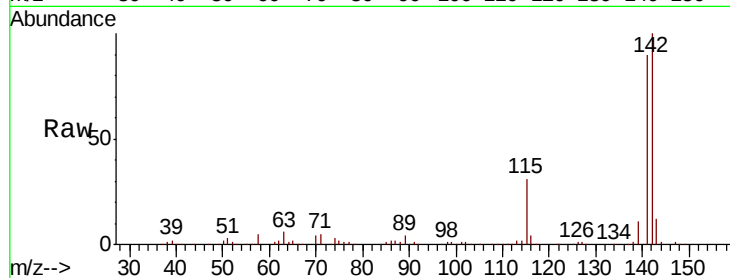
Tot Ion:142 Resp: 467147

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1

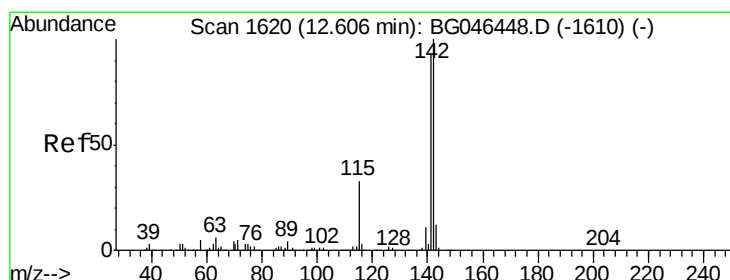
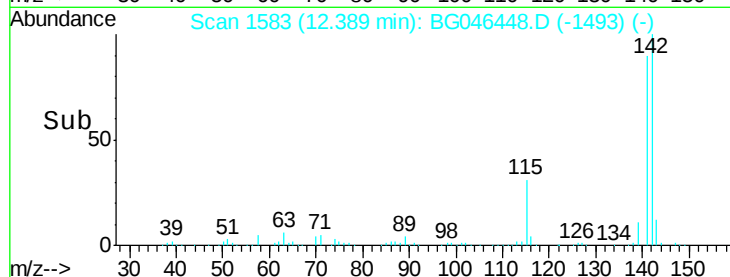
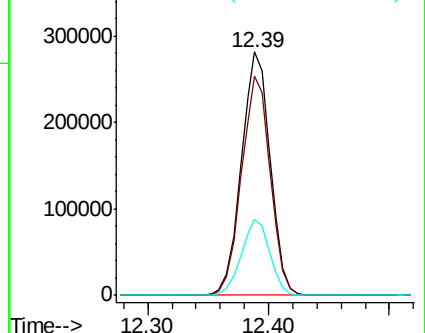
115 31.1 24.9 37.3



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: 34.878 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

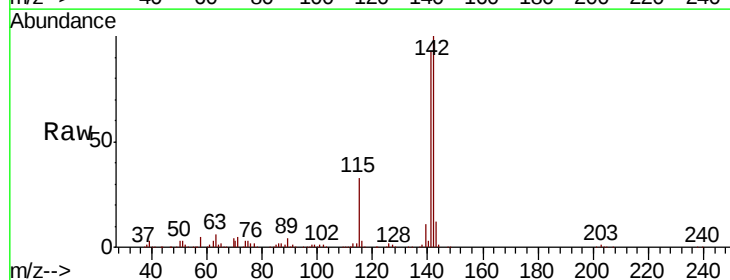
Tgt Ion:142 Resp: 441154

Ion Ratio Lower Upper

142 100

141 93.4 74.7 112.1

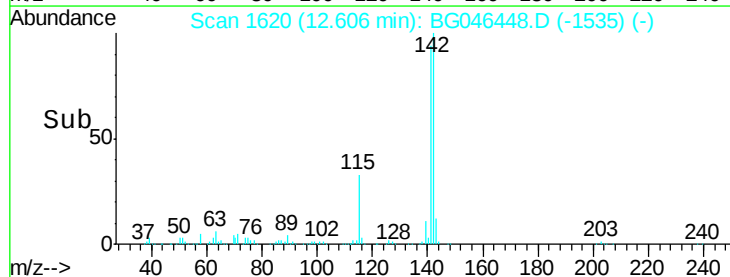
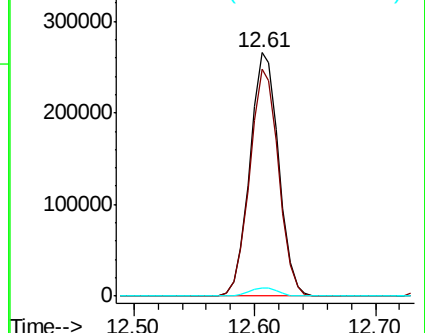
116 3.3 2.6 4.0



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: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

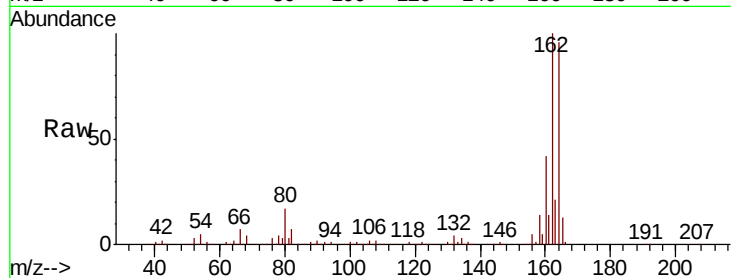
Tot Ion:164 Resp: 235941

Ion Ratio Lower Upper

164 100

162 104.1 83.3 124.9

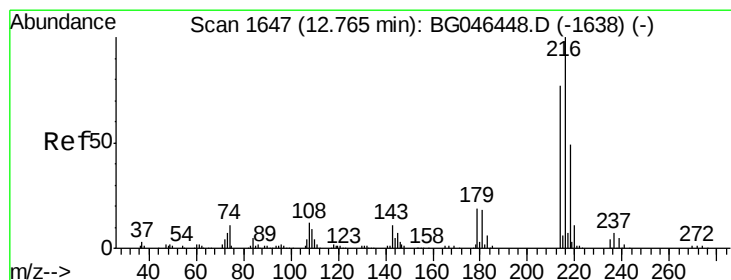
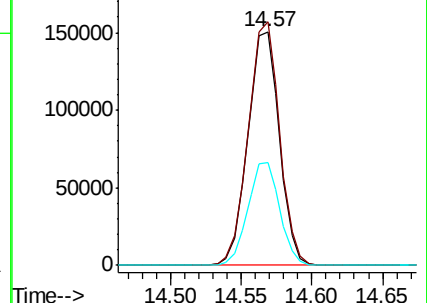
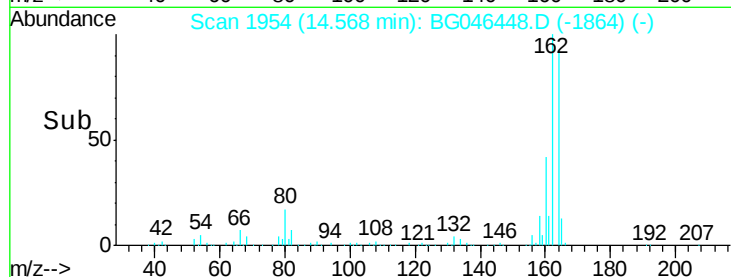
160 43.8 35.0 52.6



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: 33.053 ng

RT: 12.76 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion:216 Resp: 280985

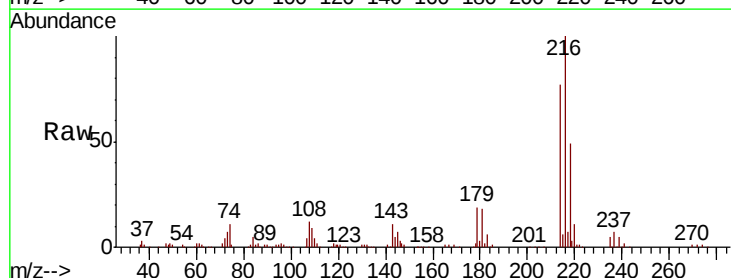
Ion Ratio Lower Upper

216 100

214 77.6 62.1 93.1

179 18.6 14.9 22.3

108 13.1 10.5 15.7

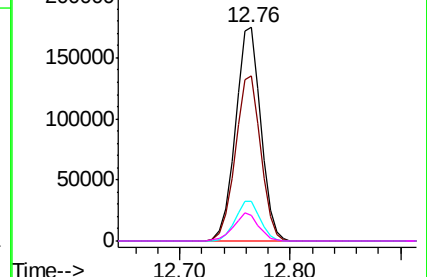
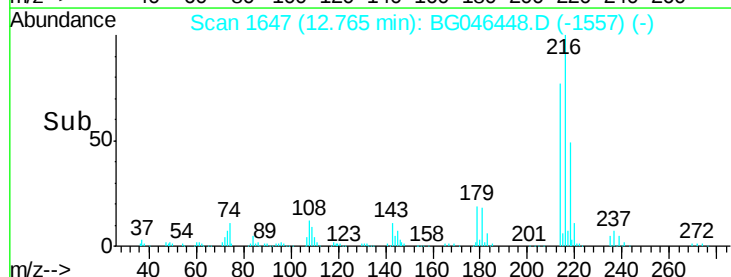


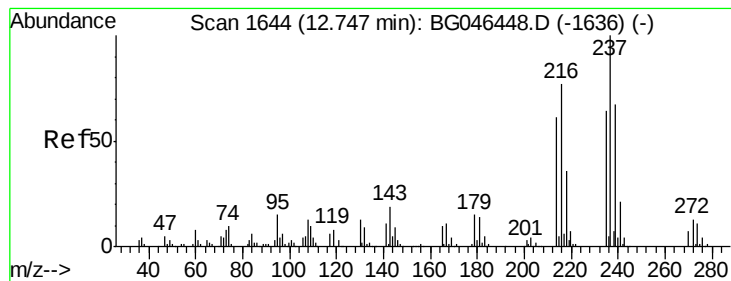
Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.166 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

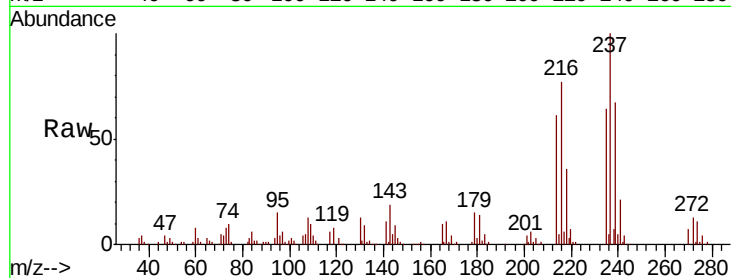
Tot Ion:237 Resp: 132466

Ion Ratio Lower Upper

237 100

235 64.5 44.5 84.5

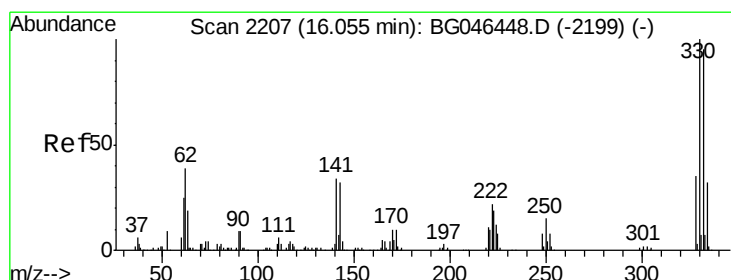
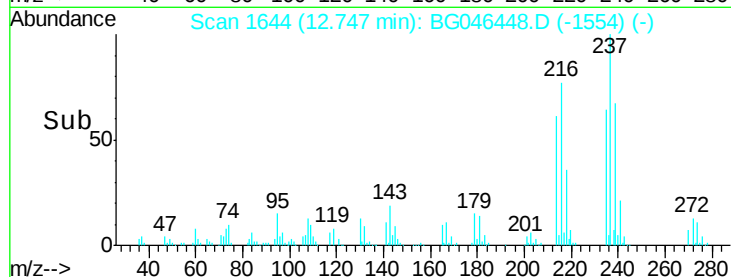
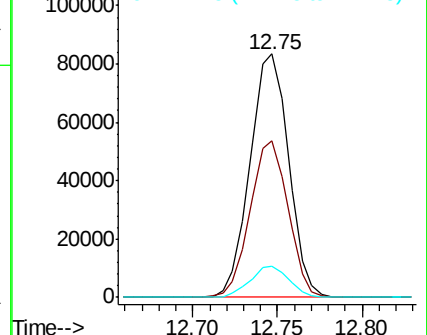
272 12.8 0.0 32.8



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: 65.439 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

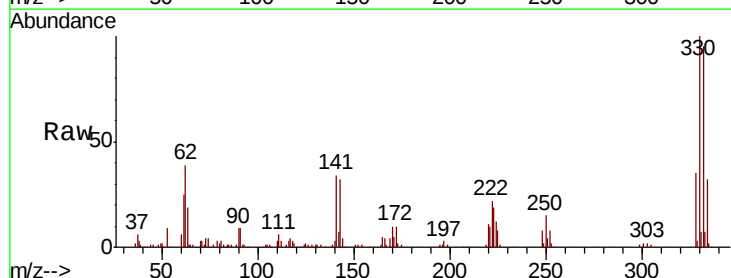
Tgt Ion:330 Resp: 237153

Ion Ratio Lower Upper

330 100

332 95.1 76.1 114.1

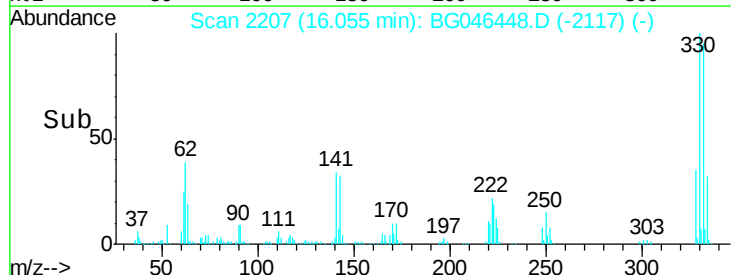
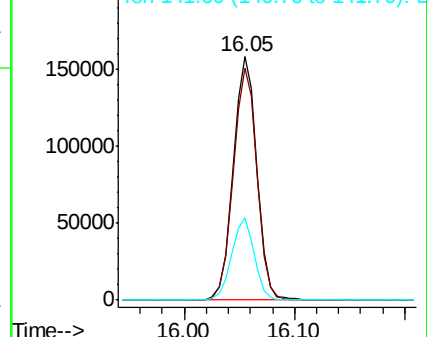
141 32.6 26.1 39.1

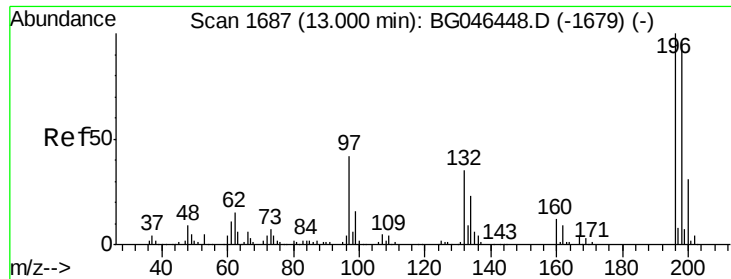


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

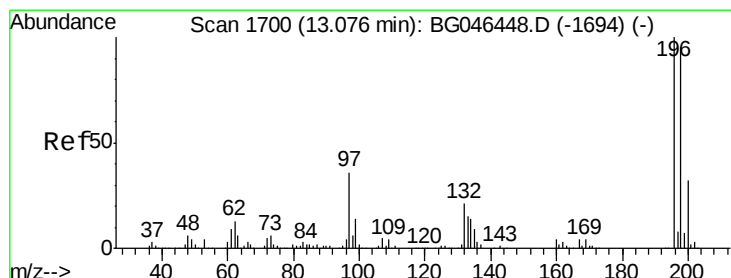
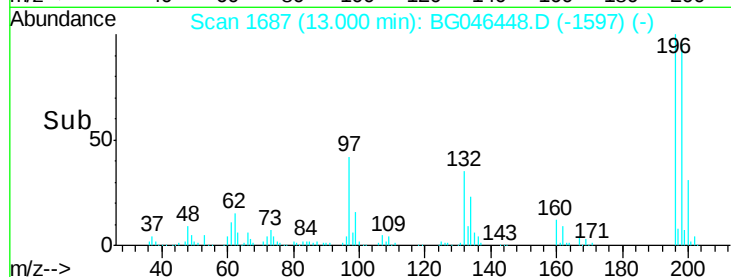
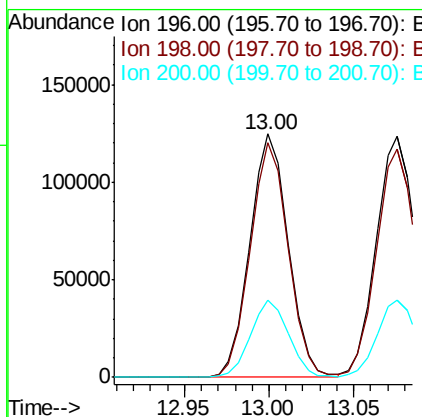
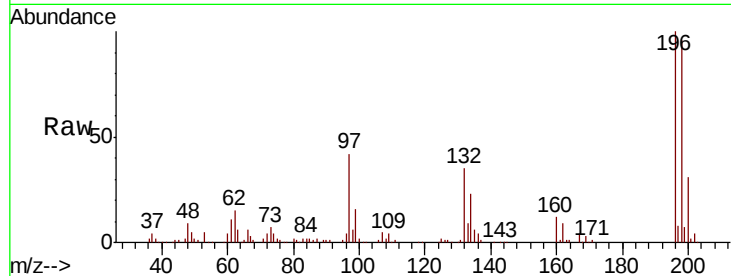




#43
 2,4,6-Trichlorophenol
 Concen: 36.270 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

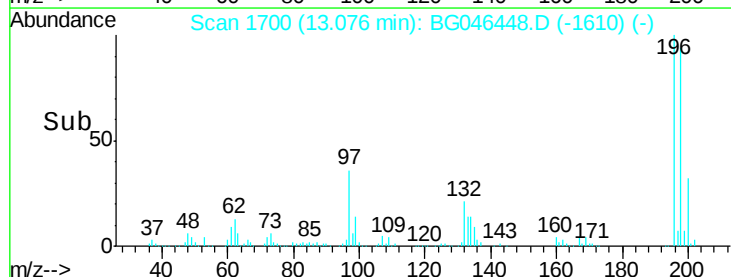
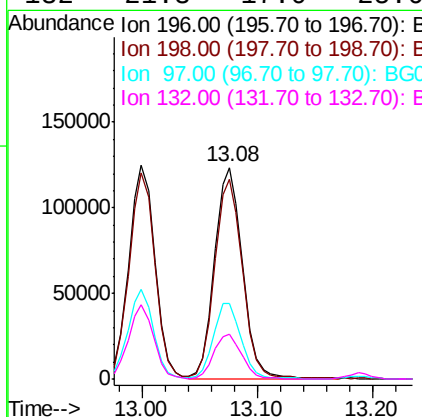
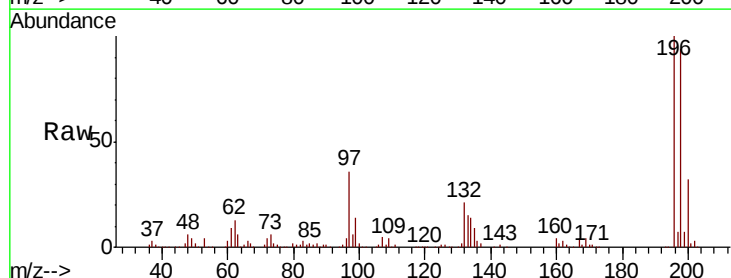
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

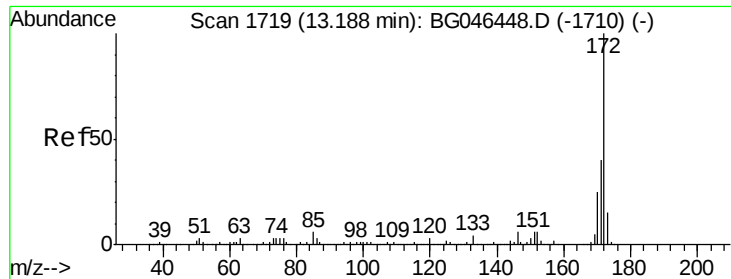
Tot Ion:196 Resp: 196717
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.6
 200 31.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 34.701 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion:196 Resp: 205351
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 97 35.8 28.6 43.0
 132 21.3 17.0 25.6

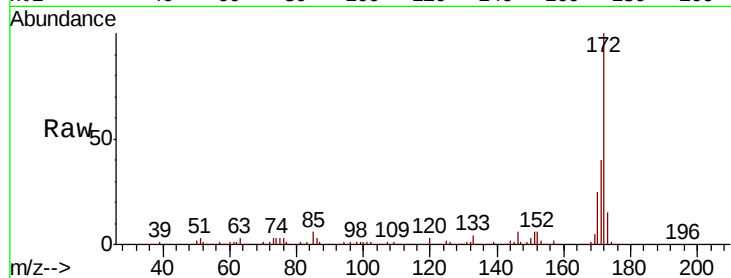




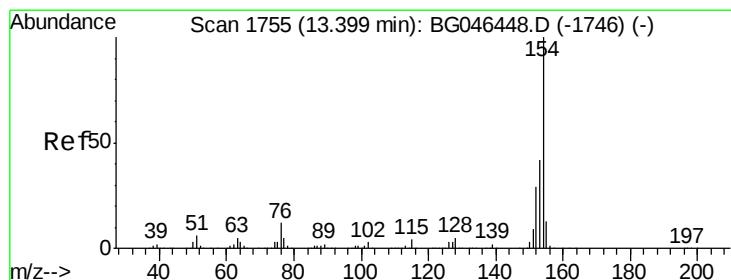
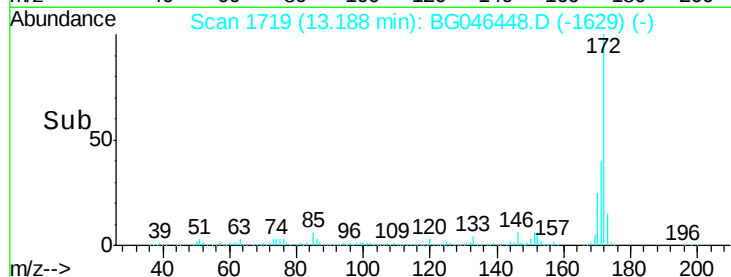
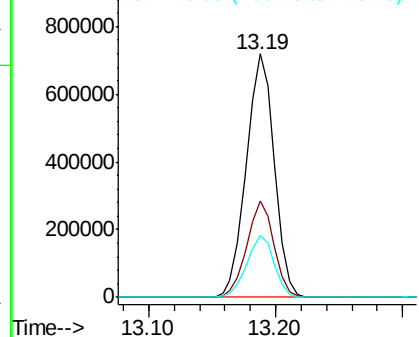
#45
2-Fluorobiphenyl
Concen: 67.815 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 1101472
Ion Ratio Lower Upper
172 100
171 39.7 31.8 47.6
170 25.4 20.3 30.5

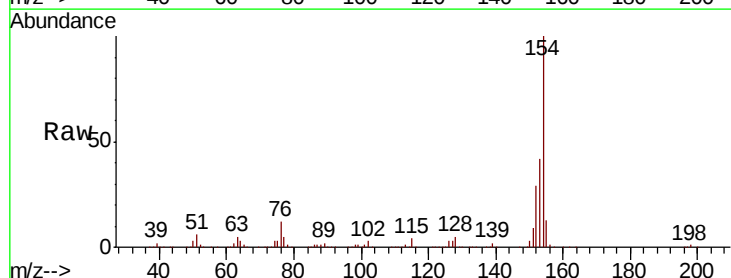


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

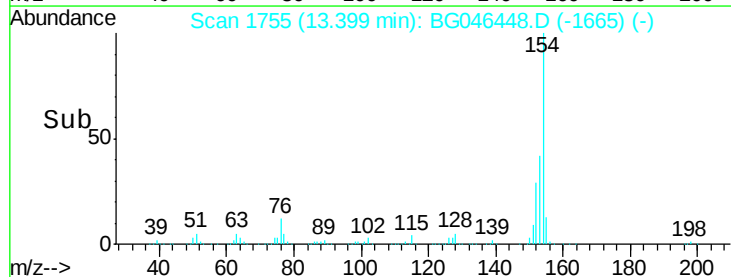
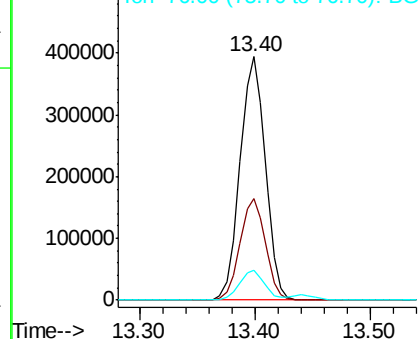


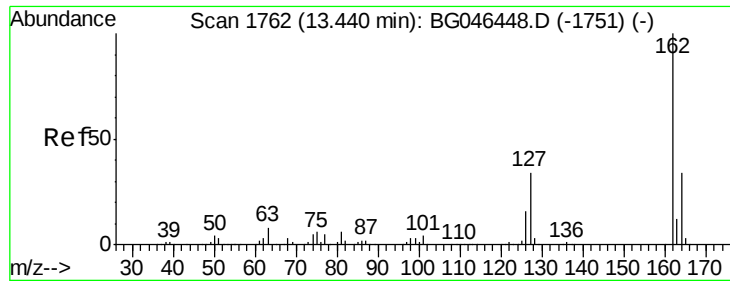
#46
1,1'-Biphenyl
Concen: 32.188 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:154 Resp: 595754
Ion Ratio Lower Upper
154 100
153 42.0 22.0 62.0
76 12.3 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

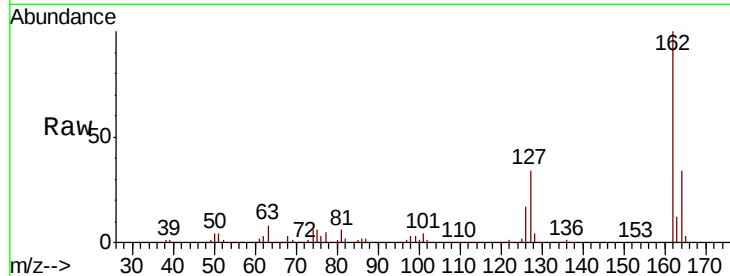




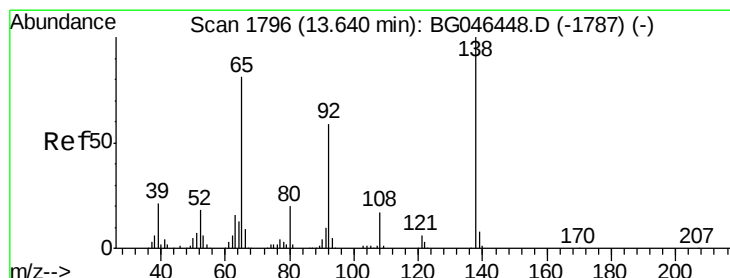
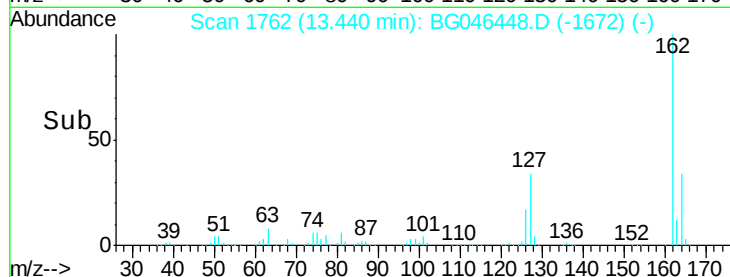
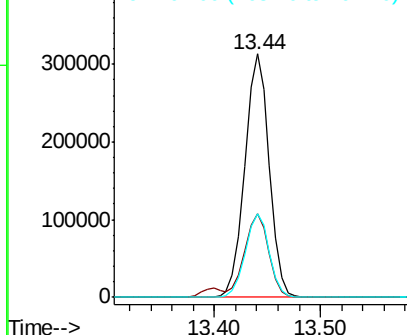
#47
2-Chloronaphthalene
Concen: 33.894 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.5	27.6	41.4
164	34.1	27.3	40.9

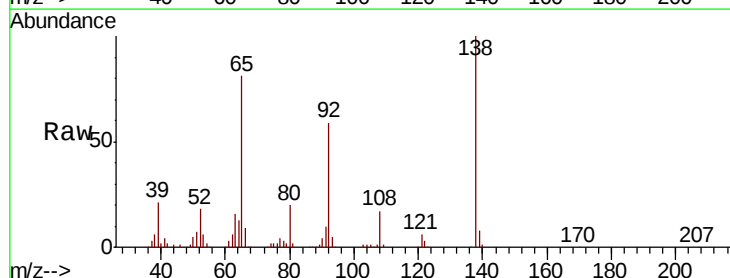


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

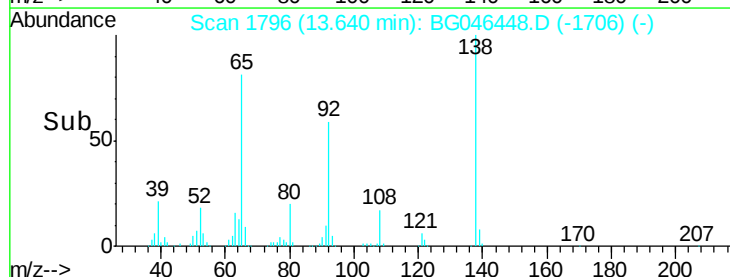
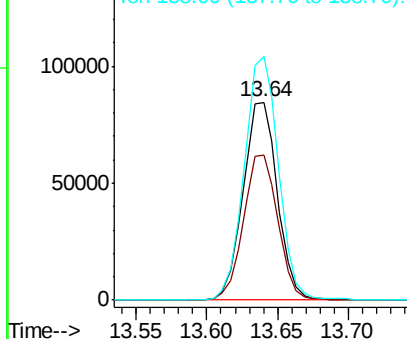


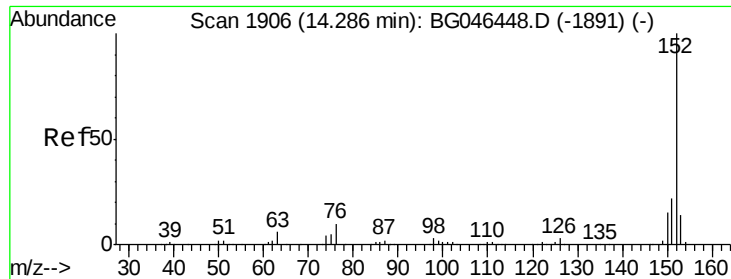
#48
2-Nitroaniline
Concen: 37.210 ng
RT: 13.64 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	58.5	87.7
138	123.0	98.4	147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 33.555 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

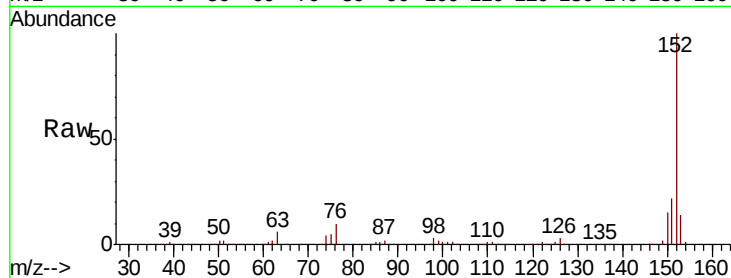
Tot Ion:152 Resp: 769276

Ion Ratio Lower Upper

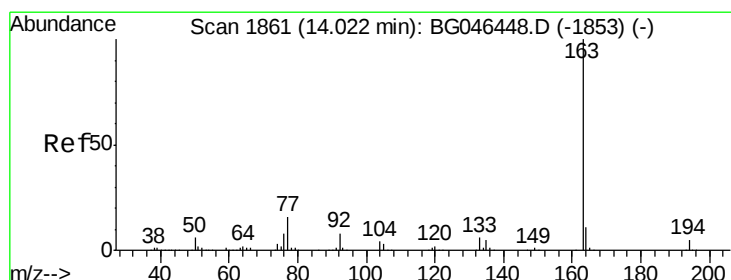
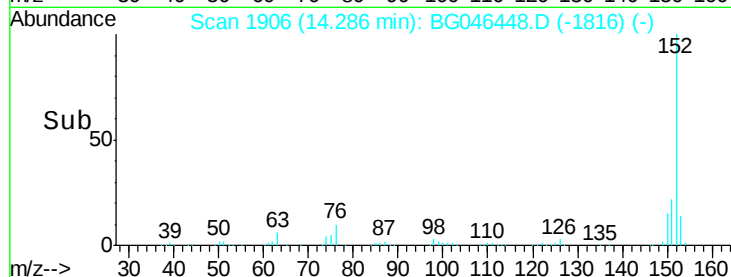
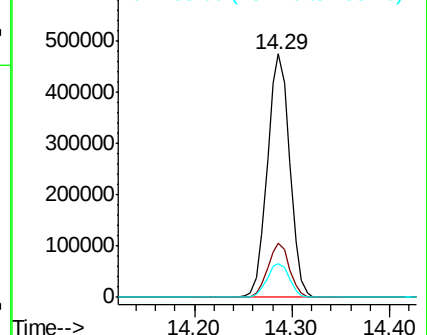
152 100

151 22.1 17.7 26.5

153 14.0 11.2 16.8



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: 36.727 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

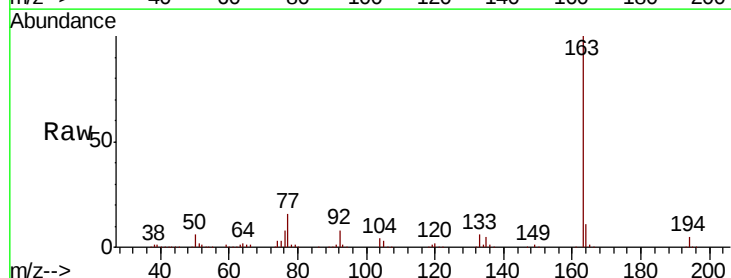
Tgt Ion:163 Resp: 665077

Ion Ratio Lower Upper

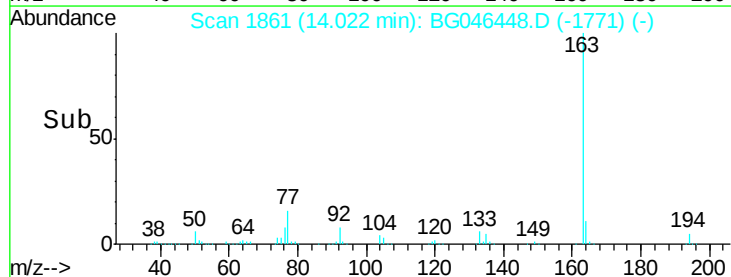
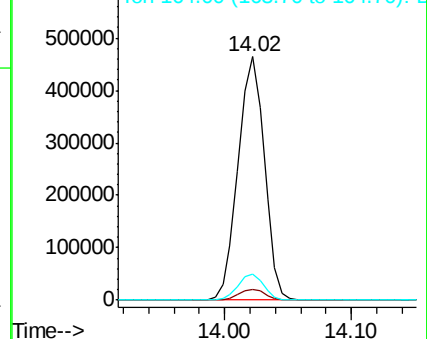
163 100

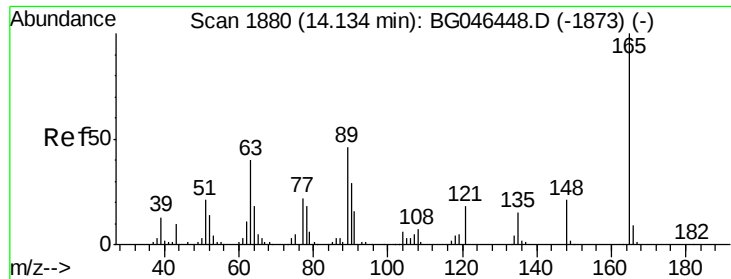
194 4.6 3.7 5.5

164 10.7 8.6 12.8



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

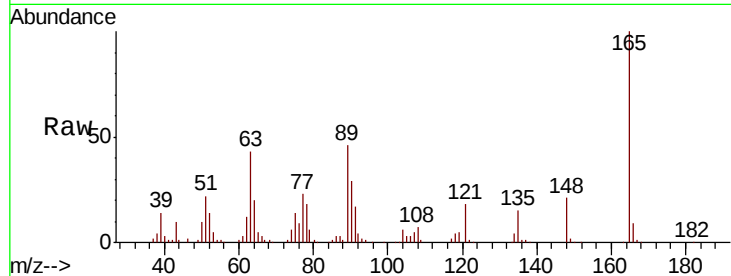




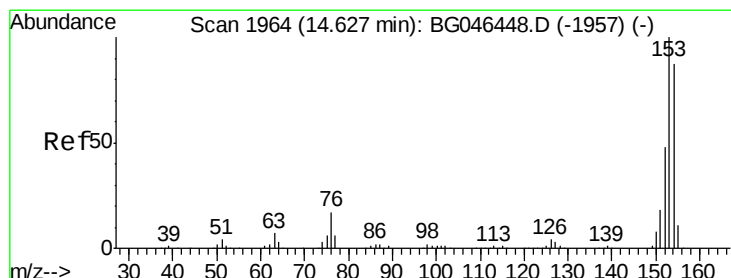
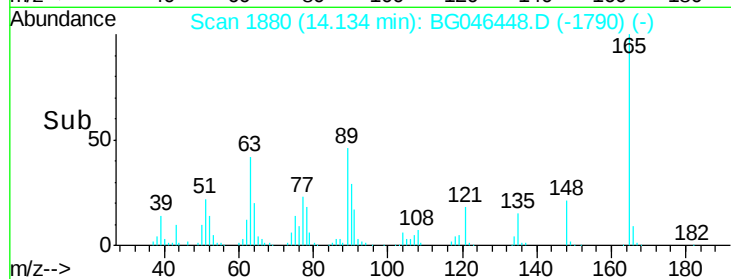
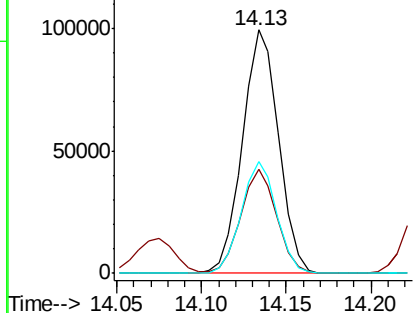
#51
 2,6-Dinitrotoluene
 Concen: 34.999 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	34.2	51.4
89	46.2	37.0	55.4

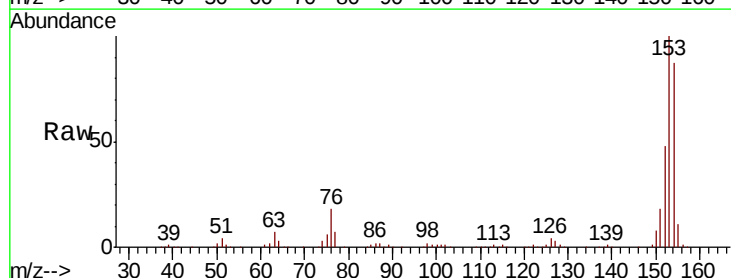


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

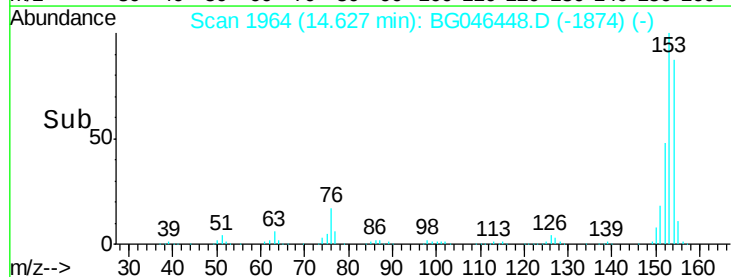
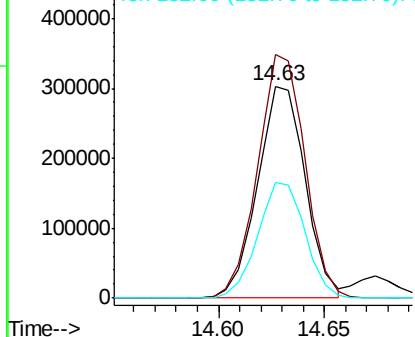


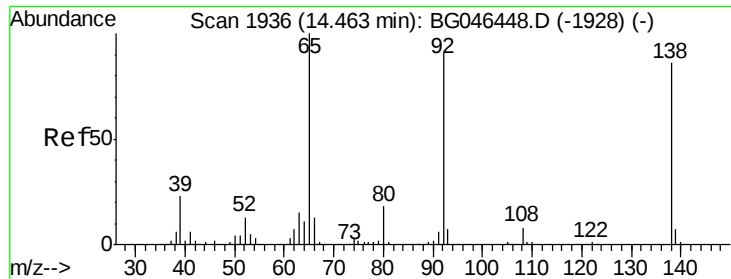
#52
 Acenaphthene
 Concen: 31.367 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.9	137.9
152	54.7	43.8	65.6



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: 39.140 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

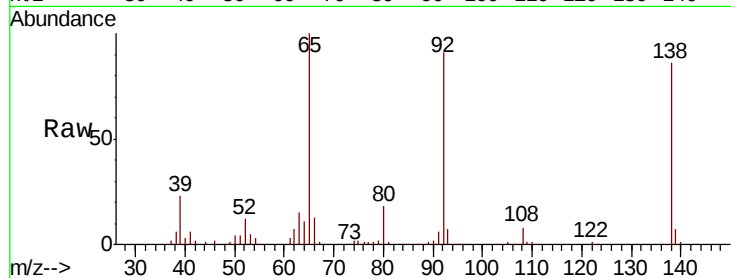
Tot Ion:138 Resp: 163536

Ion Ratio Lower Upper

138 100

108 8.8 7.0 10.6

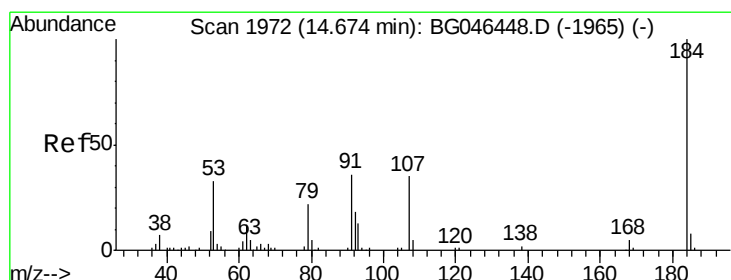
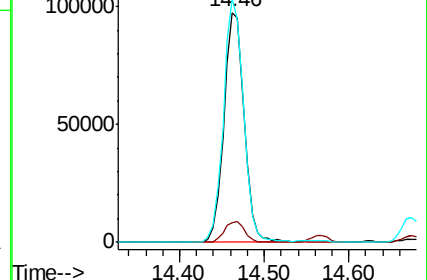
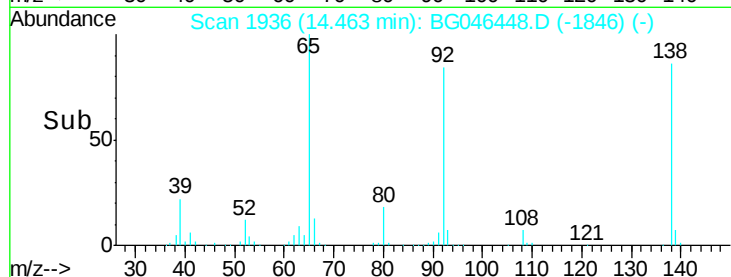
92 105.8 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 43.202 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

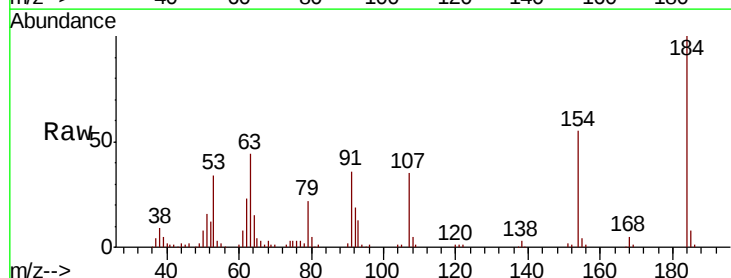
Tgt Ion:184 Resp: 95479

Ion Ratio Lower Upper

184 100

63 44.5 35.6 53.4

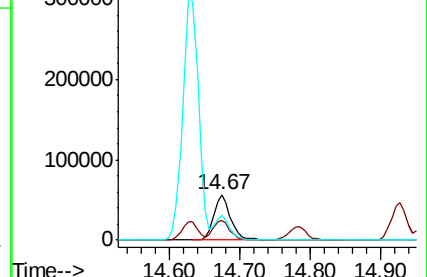
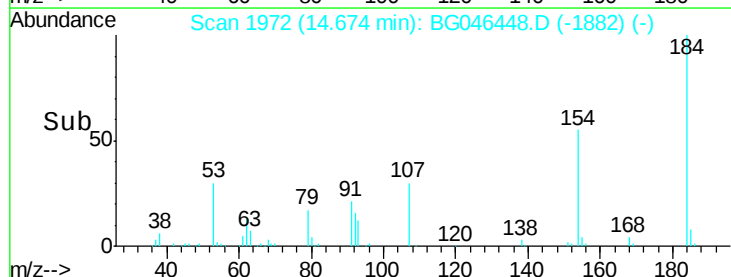
154 55.4 44.3 66.5

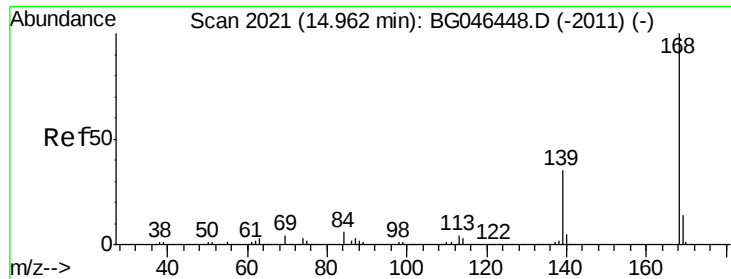


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

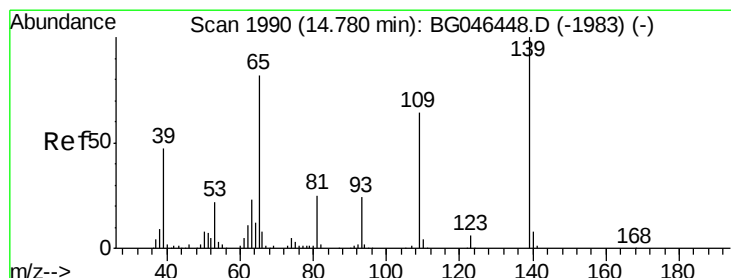
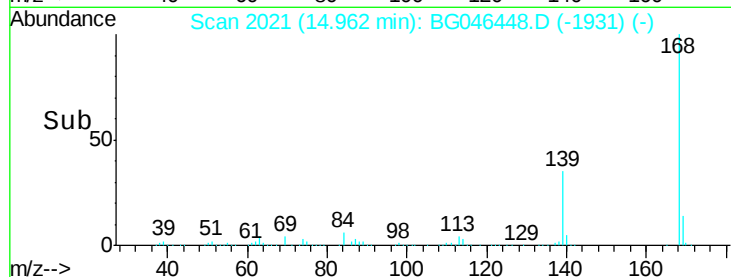
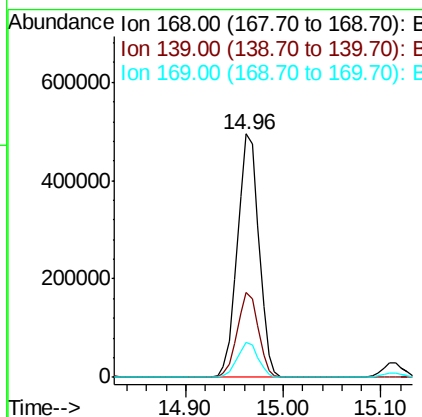
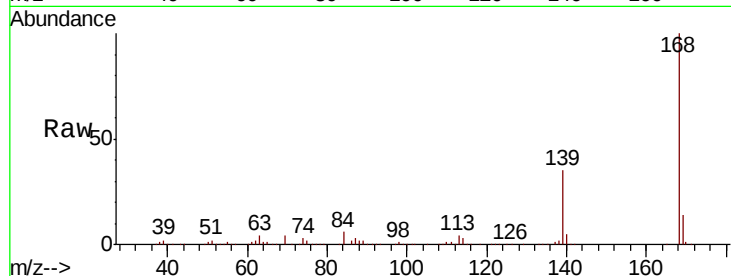




#55
Dibenzenofuran
Concen: 33.159 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

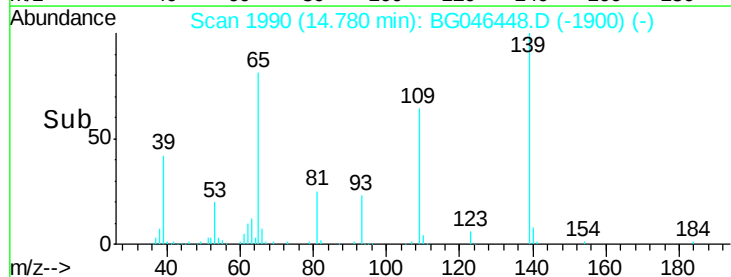
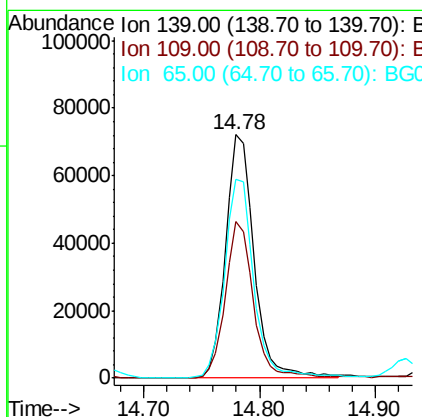
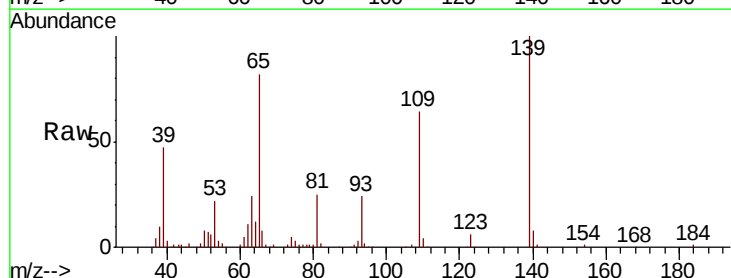
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

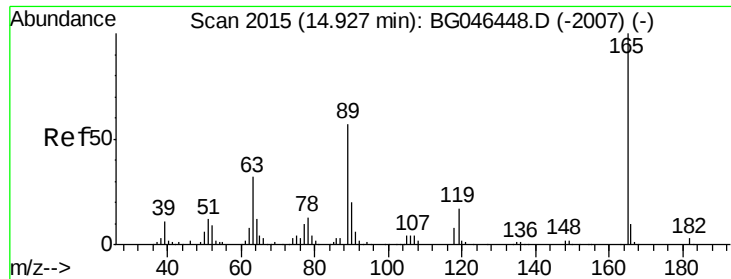
Tot Ion:168 Resp: 757046
Ion Ratio Lower Upper
168 100
139 35.1 28.1 42.1
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 34.154 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:139 Resp: 123895
Ion Ratio Lower Upper
139 100
109 64.3 44.3 84.3
65 81.5 61.5 101.5

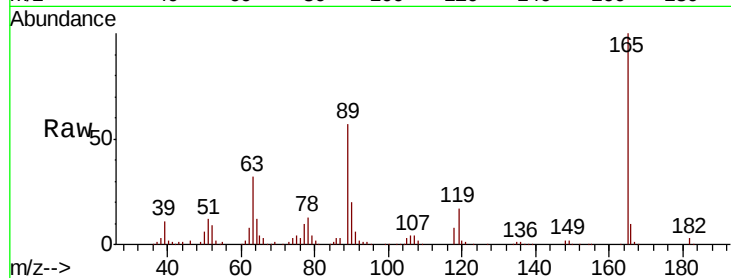




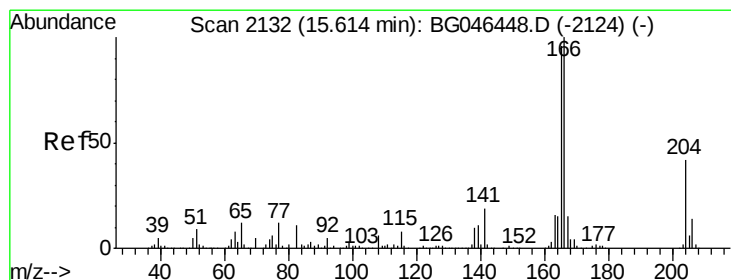
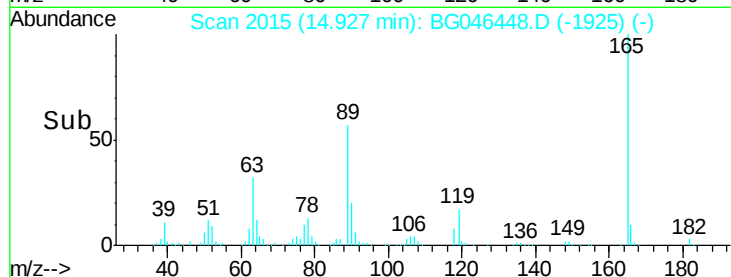
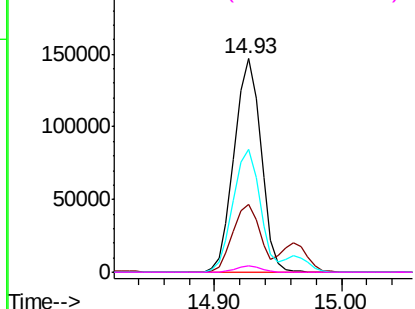
#57
2,4-Dinitrotoluene
Concen: 37.205 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:165	Resp: 215588
Ion Ratio	Lower Upper
165 100	
63 31.7	25.4 38.0
89 57.4	45.9 68.9
182 2.9	2.3 3.5

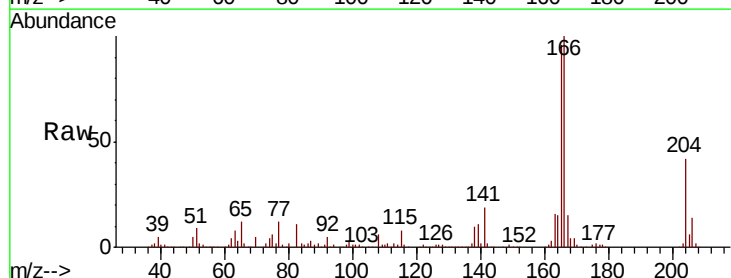


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

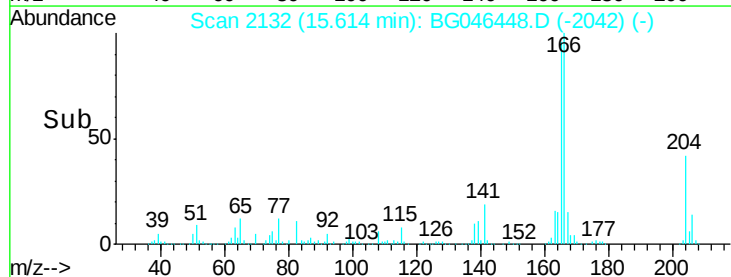
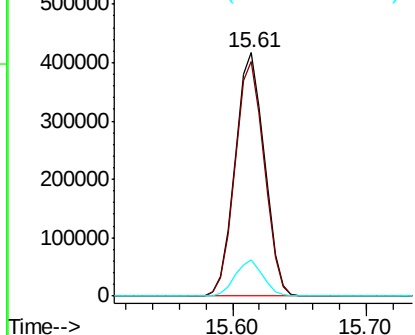


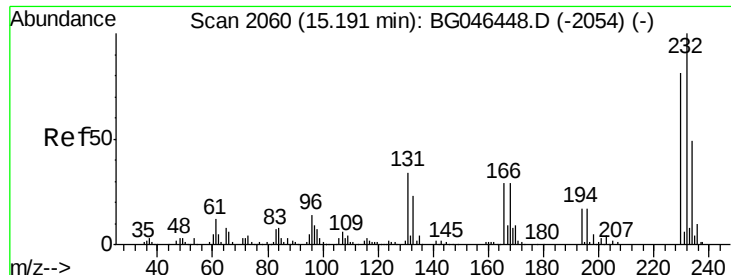
#58
Fluorene
Concen: 34.360 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt	Ion:166	Resp:	635295
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.0	115.4
167	14.7	11.8	17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

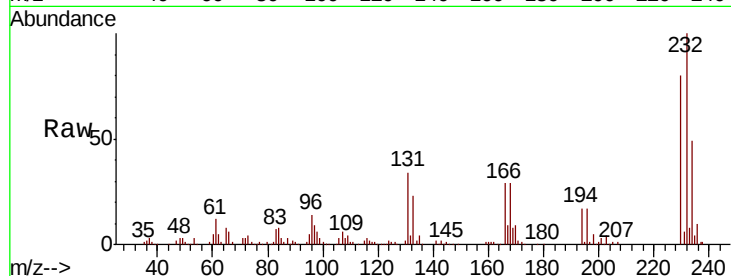




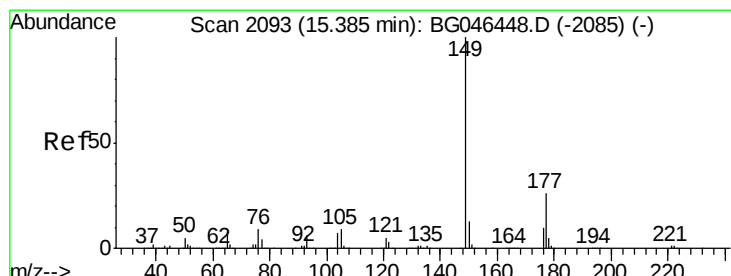
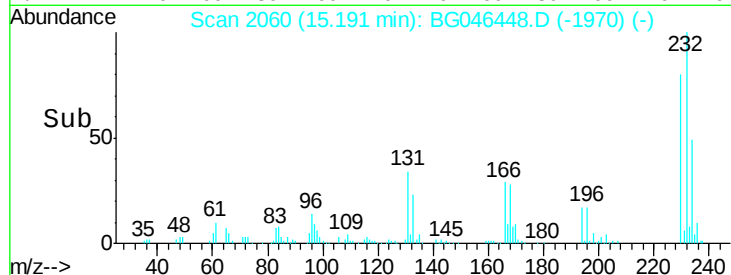
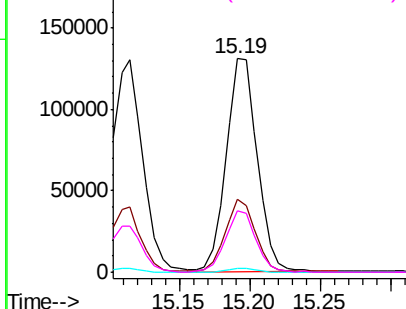
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.788 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:232	Resp:	199480
Ion Ratio	Lower	Upper
232	100	
131	33.5	26.8 40.2
130	1.8	1.4 2.2
166	28.5	22.8 34.2

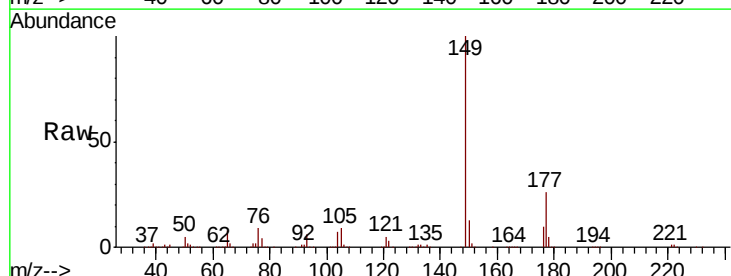


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

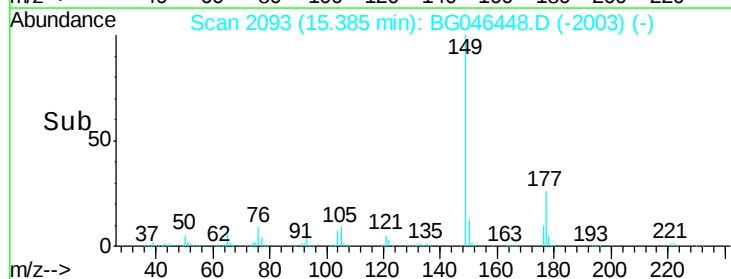
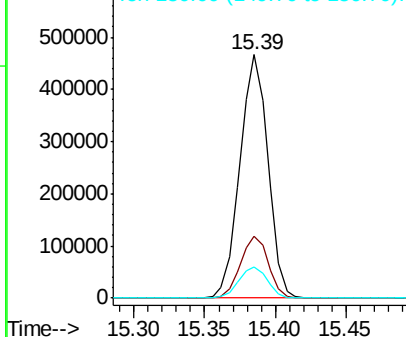


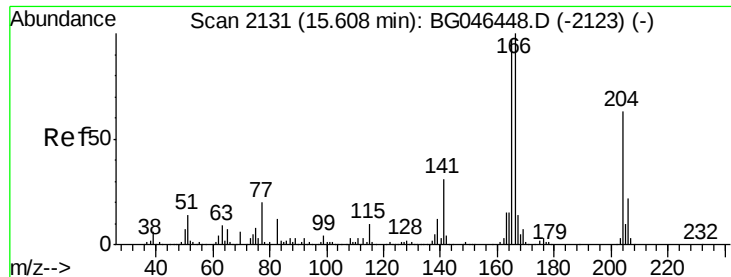
#60
 Diethylphthalate
 Concen: 36.276 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion:149	Resp:	646231
Ion Ratio	Lower	Upper
149	100	
177	25.7	20.6 30.8
150	12.9	10.3 15.5



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

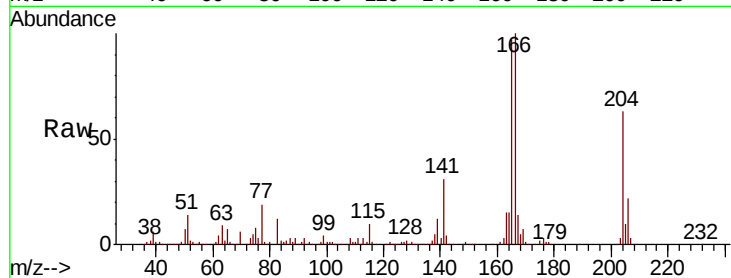




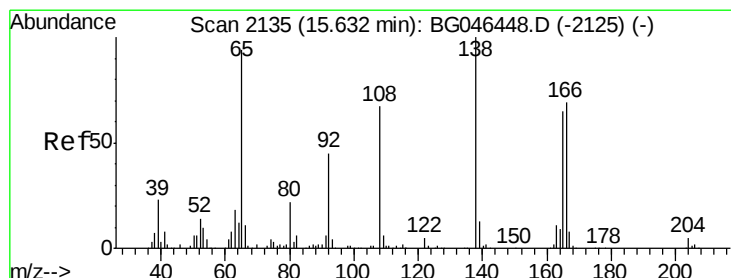
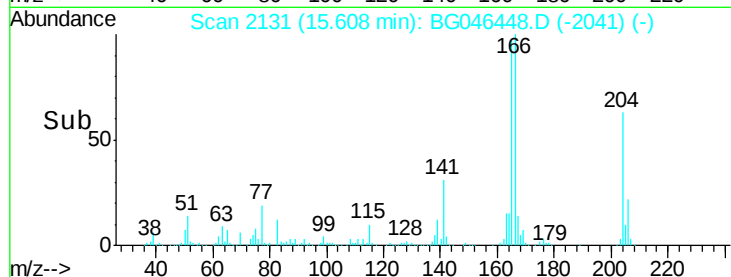
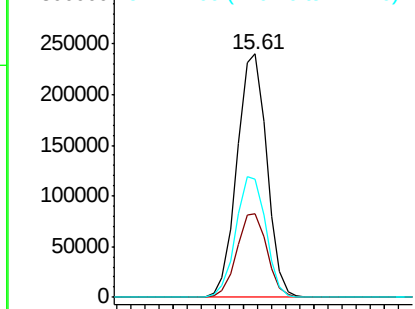
#61
 4-Chlorophenyl-phenylether
 Concen: 36.577 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:204 Resp: 353212
 Ion Ratio Lower Upper
 204 100
 206 34.6 27.7 41.5
 141 48.4 38.7 58.1

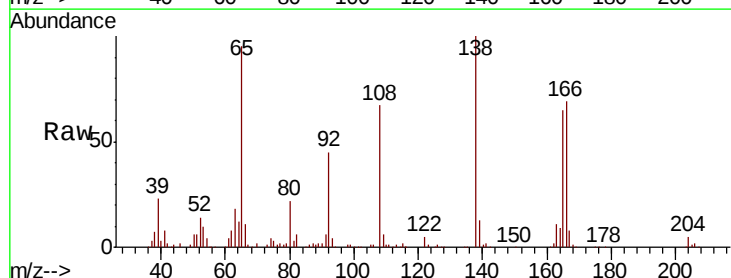


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

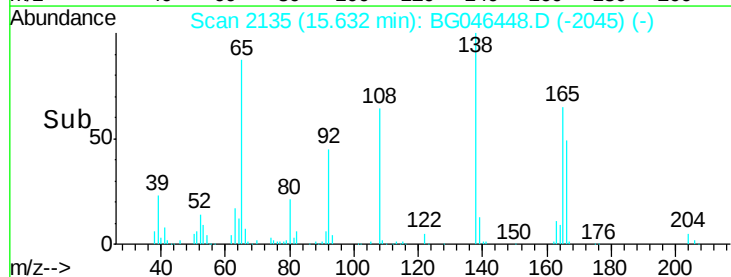
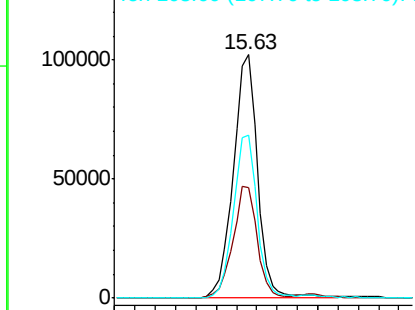


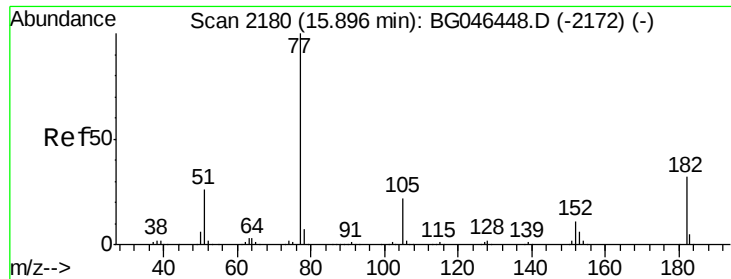
#62
 4-Nitroaniline
 Concen: 40.728 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion:138 Resp: 171145
 Ion Ratio Lower Upper
 138 100
 92 45.3 25.3 65.3
 108 66.7 46.7 86.7



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: 31.288 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 522363

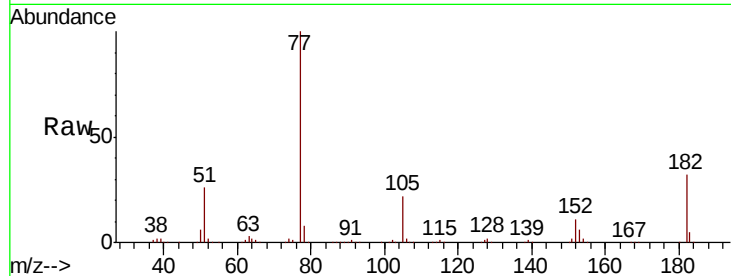
Ion Ratio Lower Upper

77 100

182 32.3 12.3 52.3

105 22.3 2.3 42.3

51 26.5 6.5 46.5

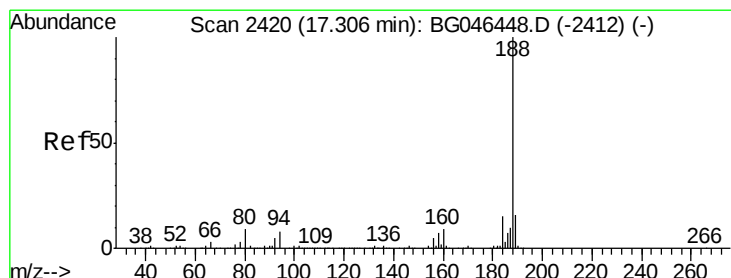
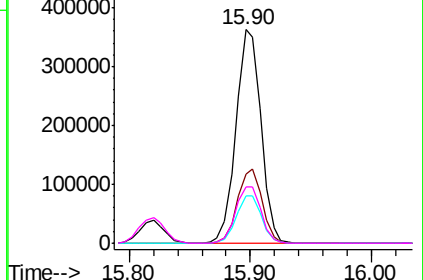
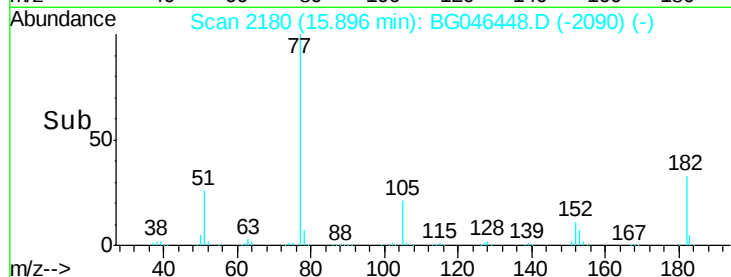


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

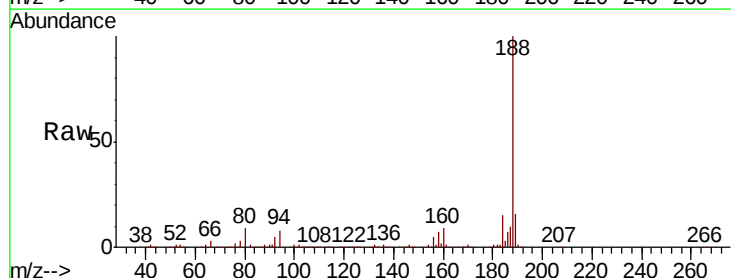
Tgt Ion: 188 Resp: 572042

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

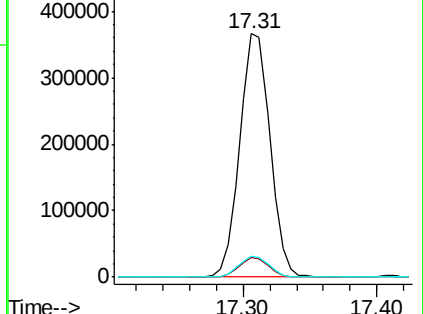
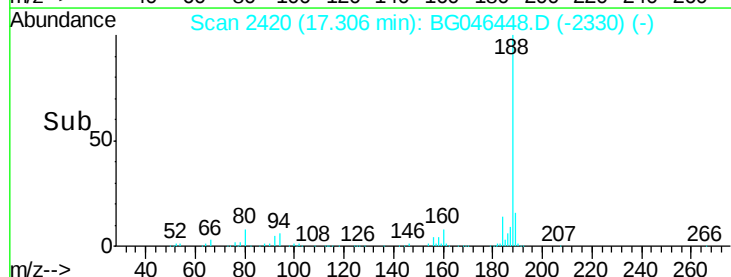
80 8.6 6.9 10.3

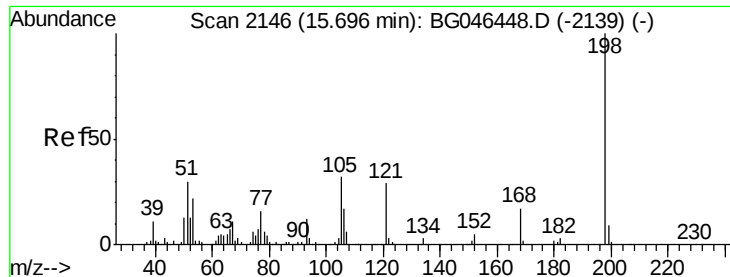


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 34.100 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

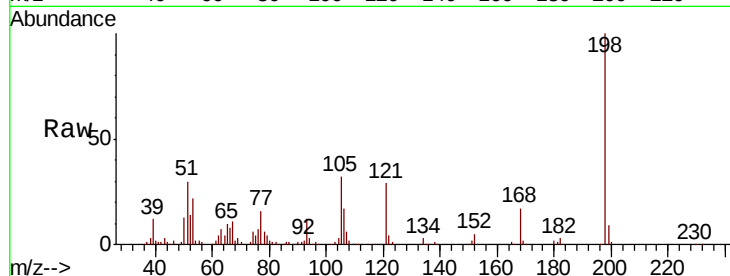
Tot Ion:198 Resp: 129008

Ion	Ratio	Lower	Upper
198	100		
51	30.4	10.4	50.4
105	32.4	12.4	52.4

198 100

51 30.4 10.4 50.4

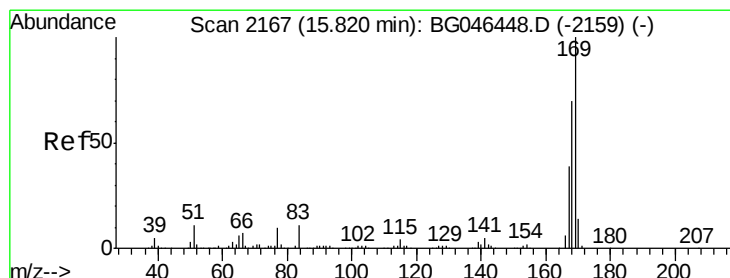
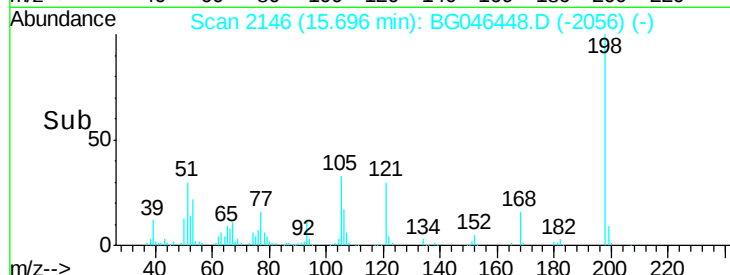
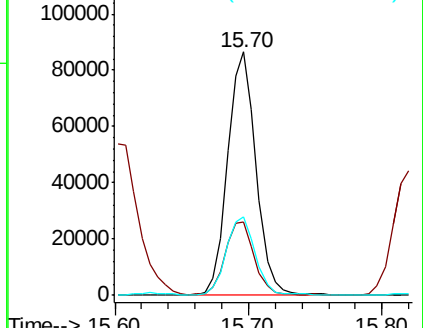
105 32.4 12.4 52.4



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: 32.783 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

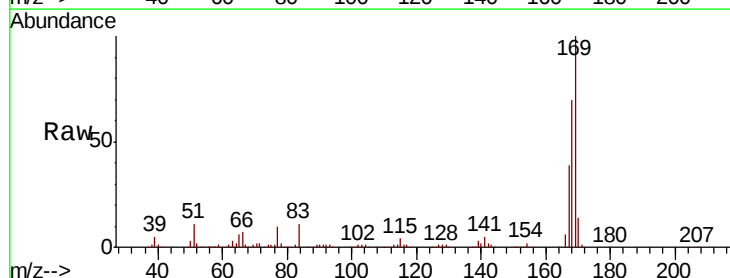
Tgt Ion:169 Resp: 567664

Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.8	83.8
167	38.8	31.0	46.6

169 100

168 69.8 55.8 83.8

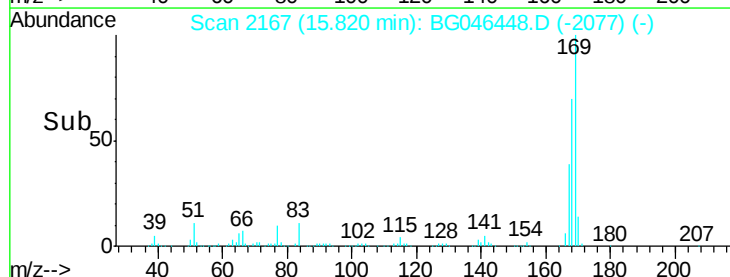
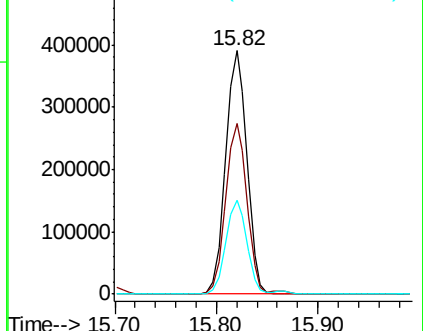
167 38.8 31.0 46.6

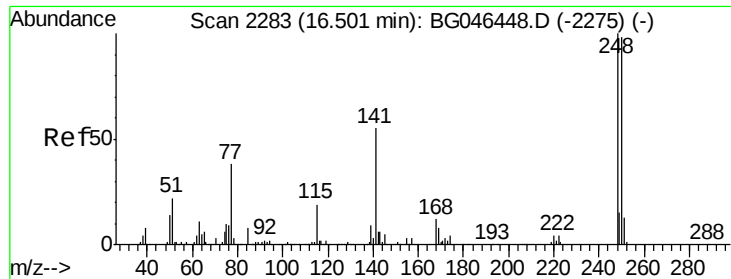


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

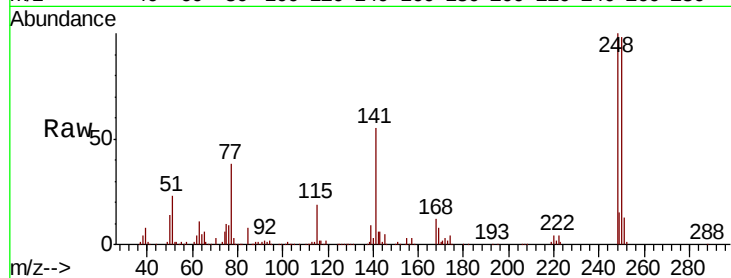




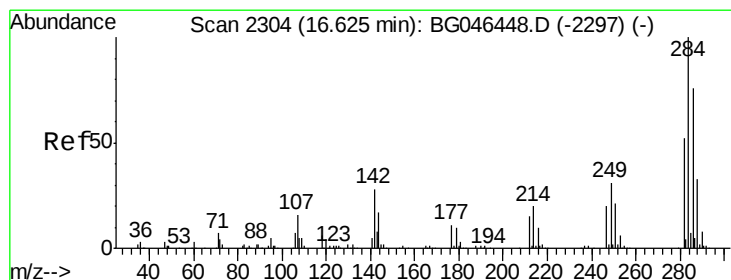
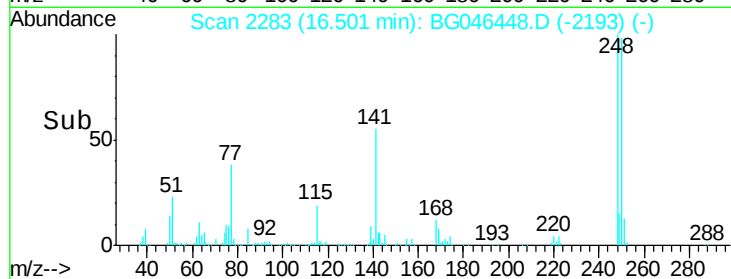
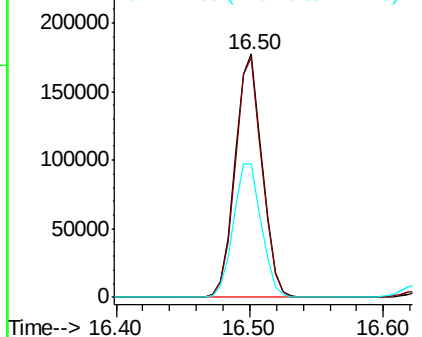
#67
4-Bromophenyl-phenylether
Concen: 35.241 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	118.0
141	54.9	43.9	65.9

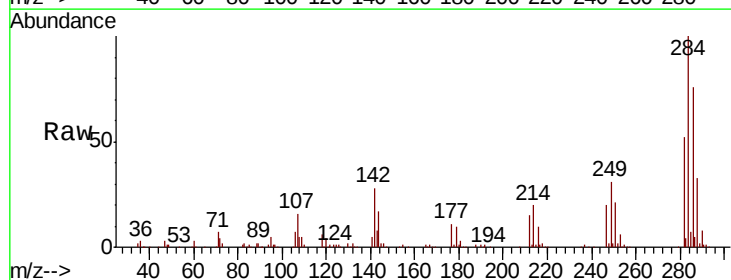


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

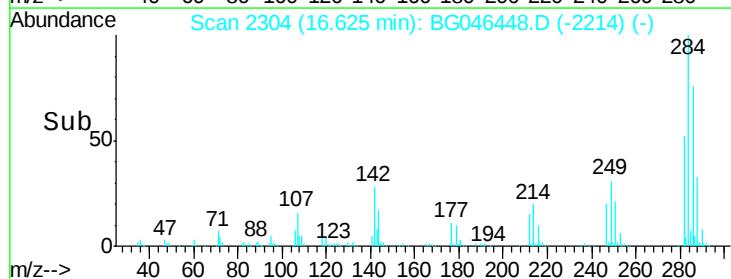
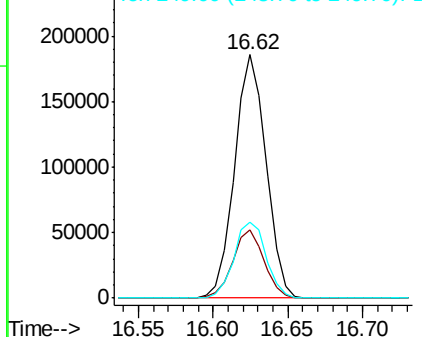


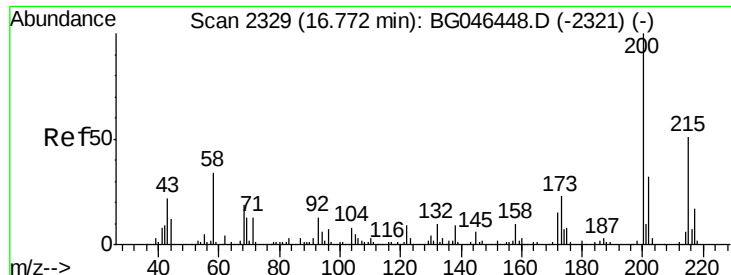
#68
Hexachlorobenzene
Concen: 34.405 ng
RT: 16.62 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	22.3	33.5
249	31.0	24.8	37.2



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: 35.616 ng

RT: 16.77 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

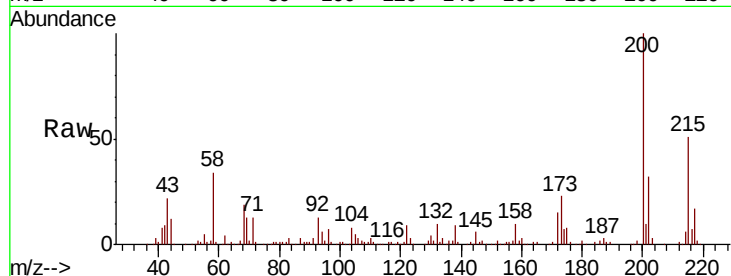
Tot Ion:200 Resp: 237481

Ion Ratio Lower Upper

200 100

173 23.3 3.3 43.3

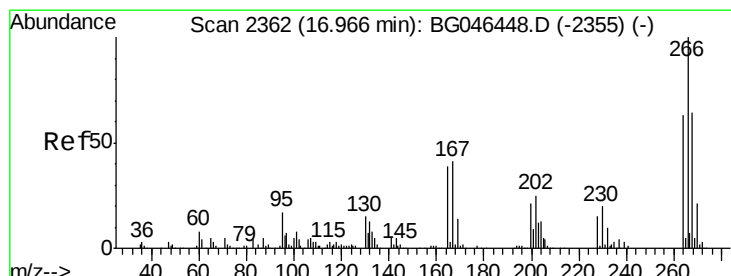
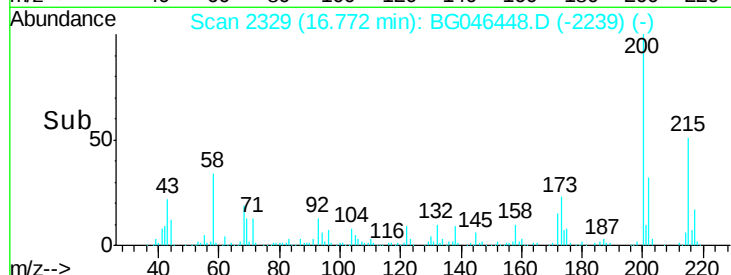
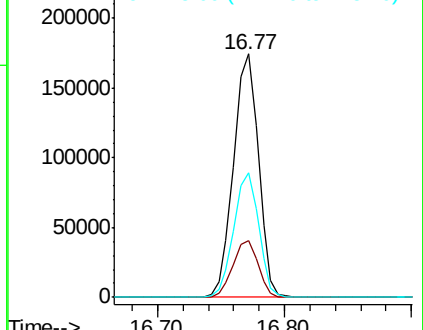
215 50.9 30.9 70.9



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: 30.401 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

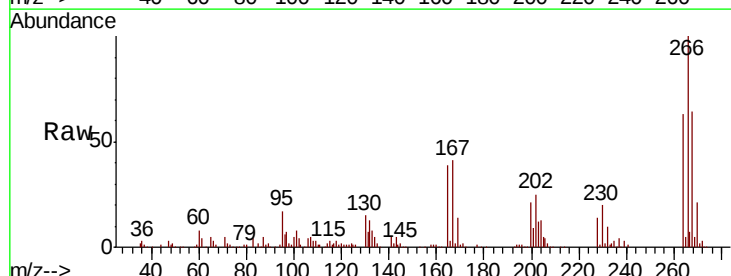
Tgt Ion:266 Resp: 156313

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

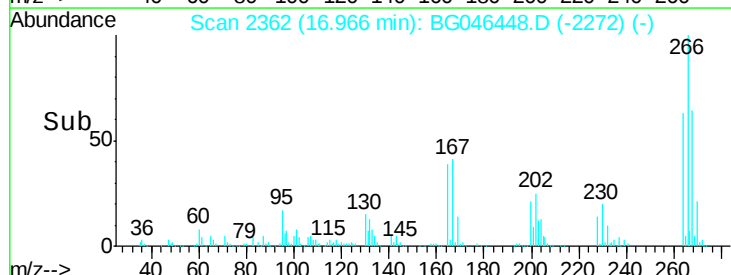
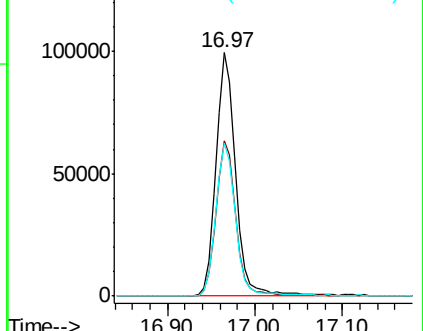
264 62.7 50.2 75.2

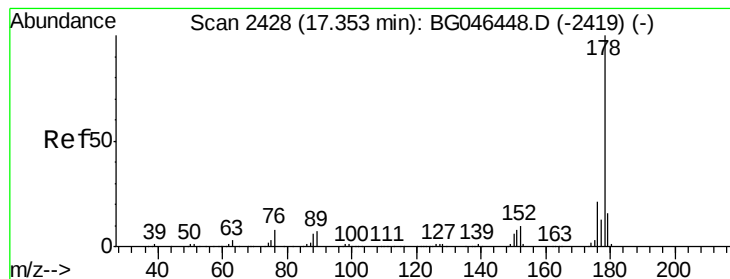


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.517 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

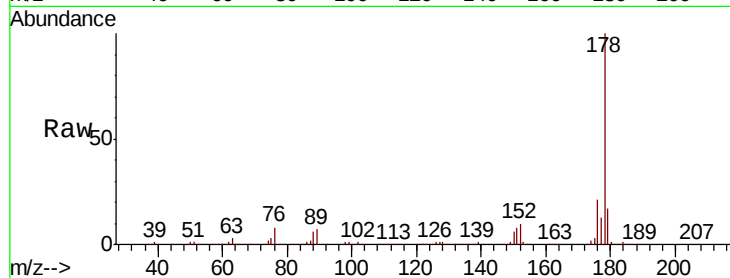
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1050257

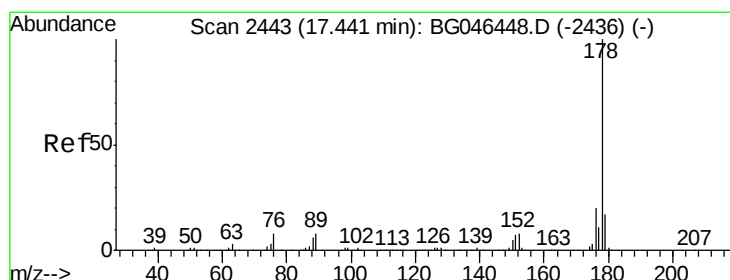
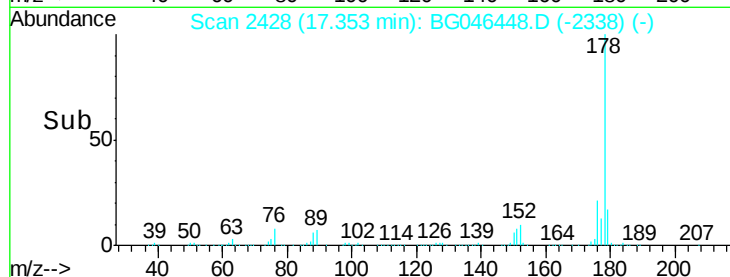
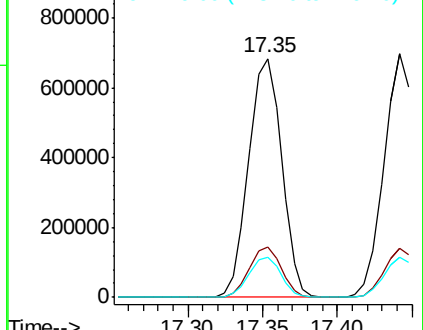
Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	16.5	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.384 ng

RT: 17.44 min Scan# 2443

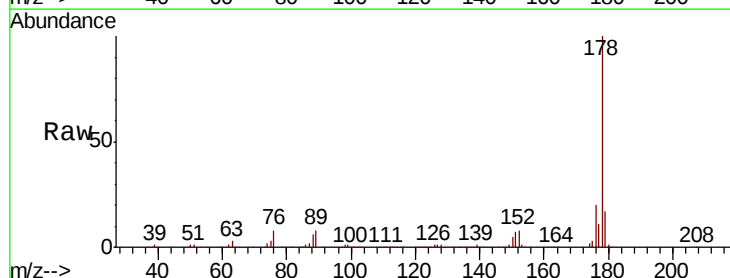
Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion:178 Resp: 1040544

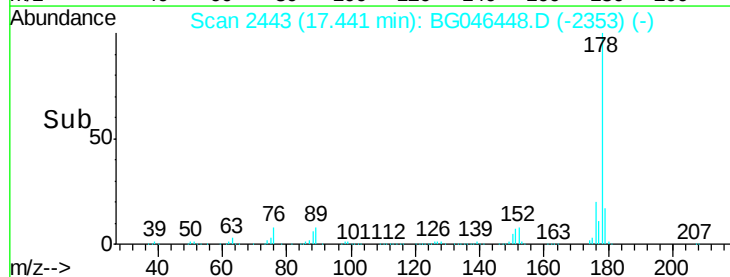
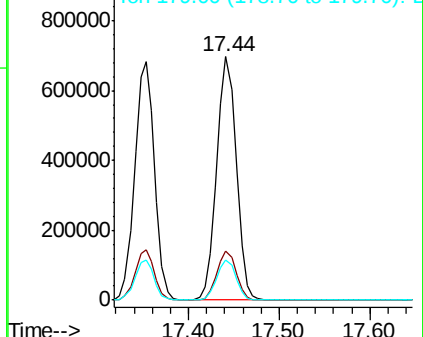
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.6	13.3	19.9

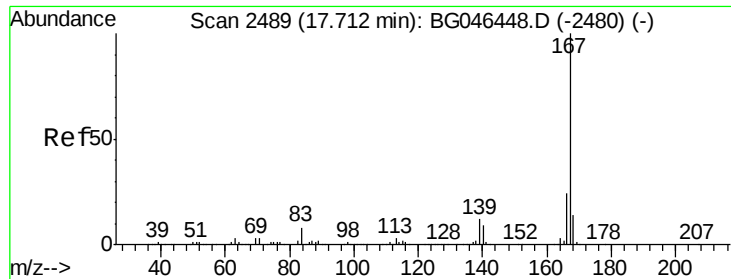


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

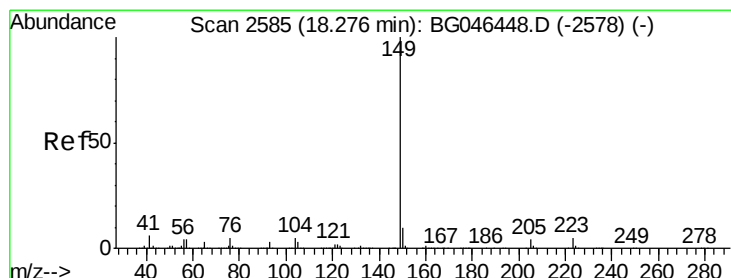
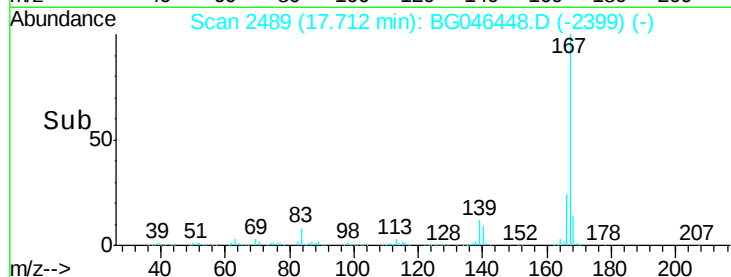
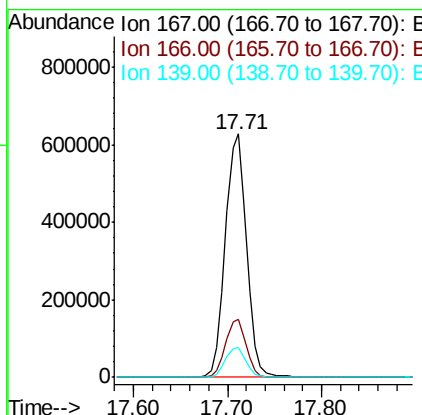
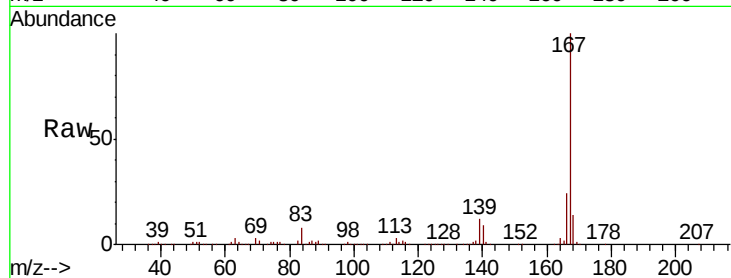




#73
 Carbazole
 Concen: 32.872 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

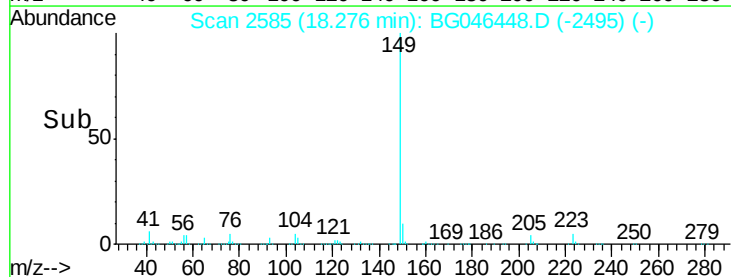
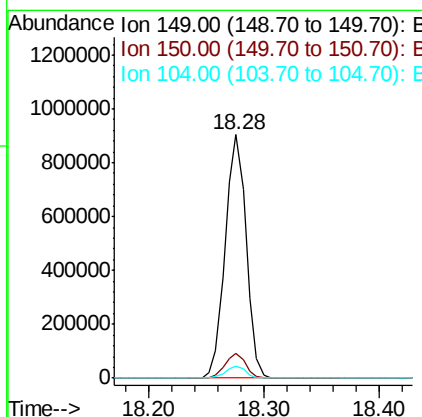
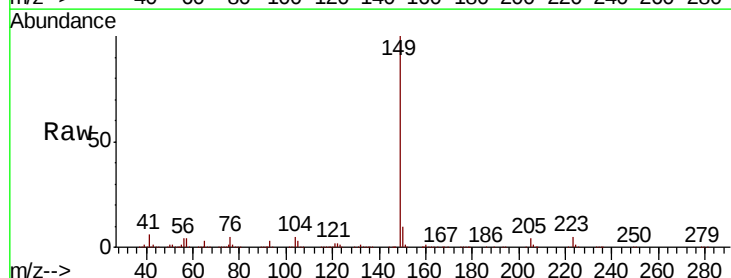
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 987952
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.3 28.9
 139 12.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 36.187 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion:149 Resp: 1136839
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 34.139 ng

RT: 19.36 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

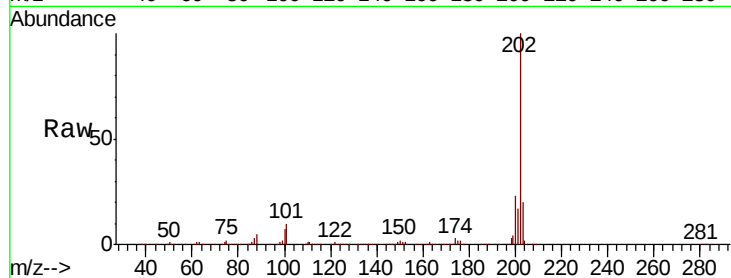
Tot Ion:202 Resp: 1335568

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

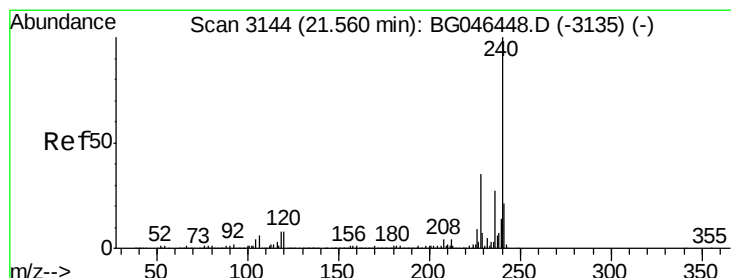
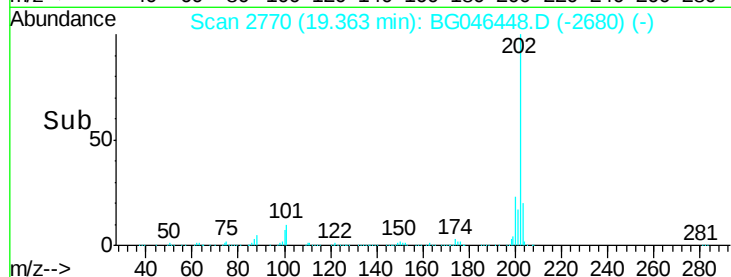
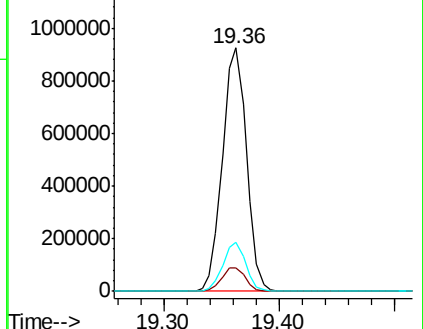
203 20.0 0.0 40.0



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: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

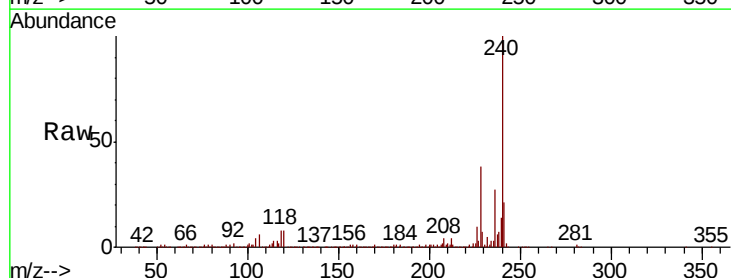
Tgt Ion:240 Resp: 567561

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

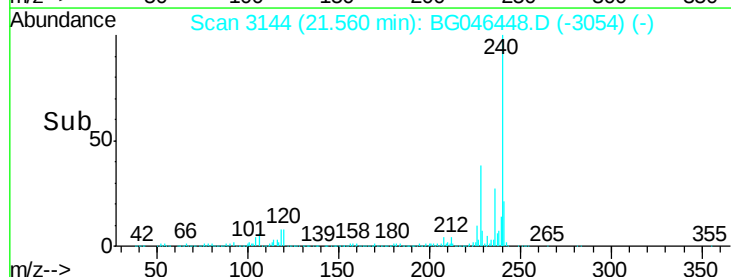
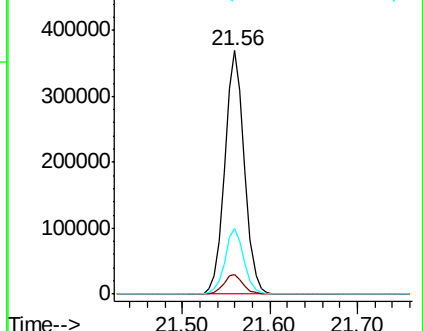
236 26.8 21.4 32.2



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: 34.992 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

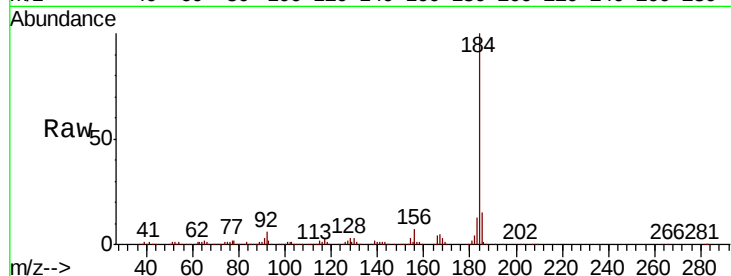
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 562550

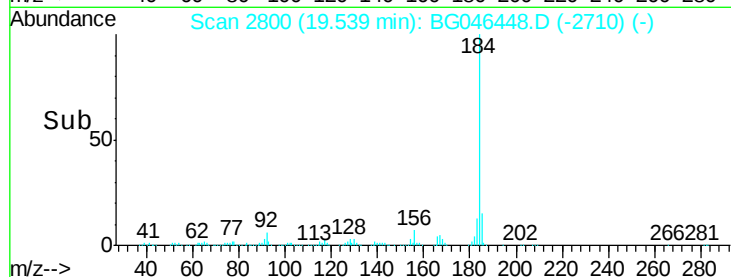
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	13.4	10.7	16.1



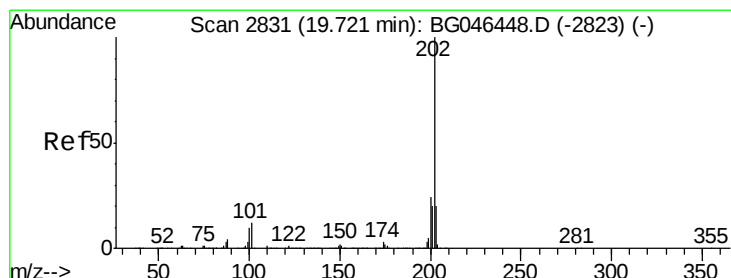
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 35.130 ng

RT: 19.72 min Scan# 2831

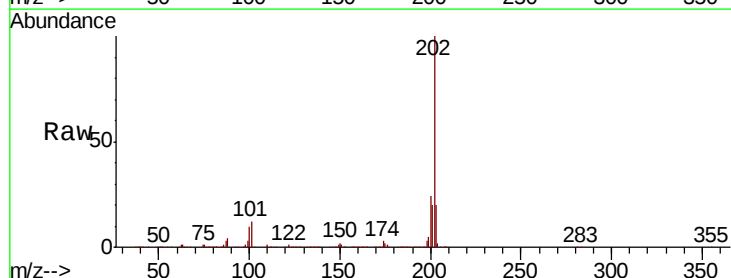
Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion:202 Resp: 1339653

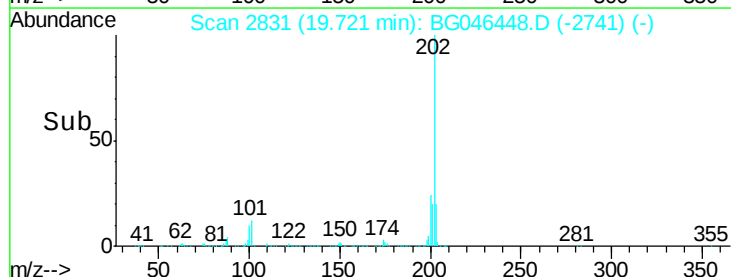
Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.9	28.3
203	20.1	16.1	24.1



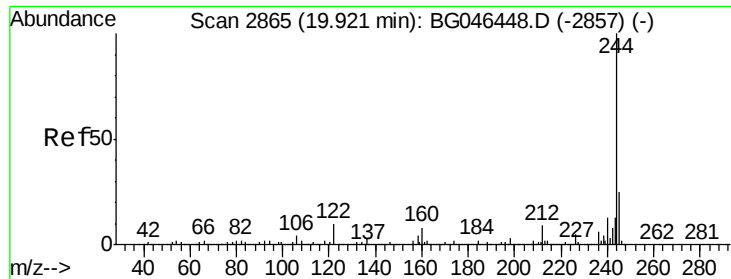
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 68.801 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

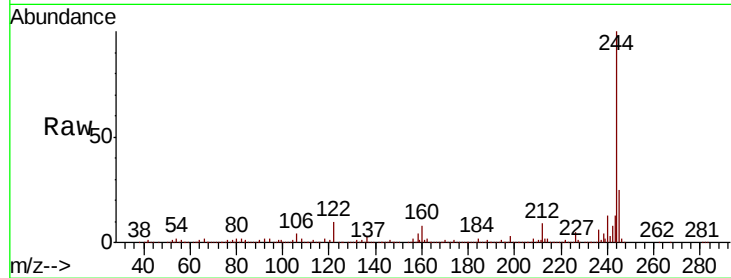
Tot Ion:244 Resp: 1917325

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.3	8.2	12.4

244 100

212 8.6 6.9 10.3

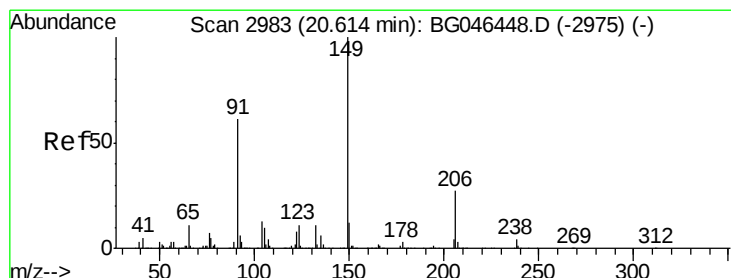
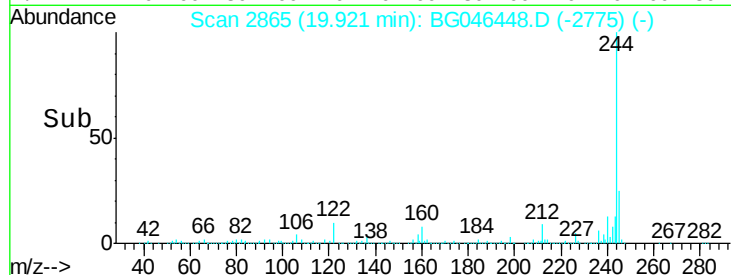
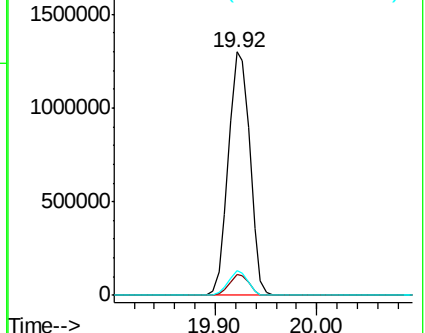
122 10.3 8.2 12.4



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: 38.957 ng

RT: 20.61 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

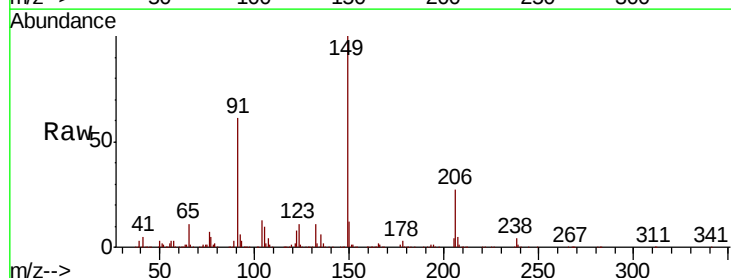
Tgt Ion:149 Resp: 538154

Ion	Ratio	Lower	Upper
149	100		
91	61.4	49.1	73.7
206	27.4	21.9	32.9

149 100

91 61.4 49.1 73.7

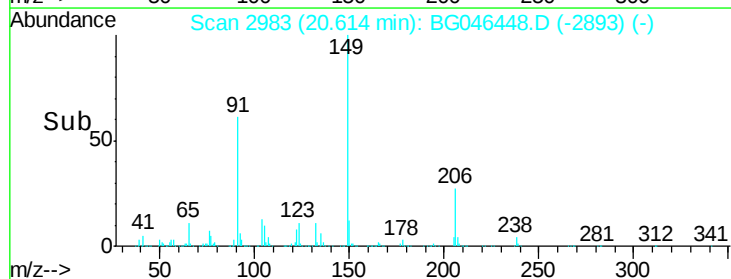
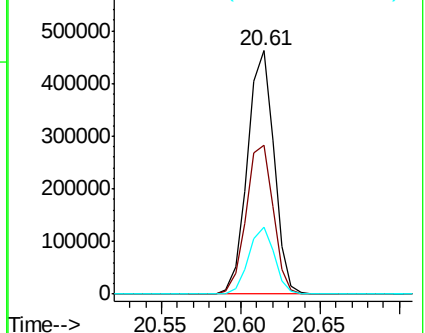
206 27.4 21.9 32.9

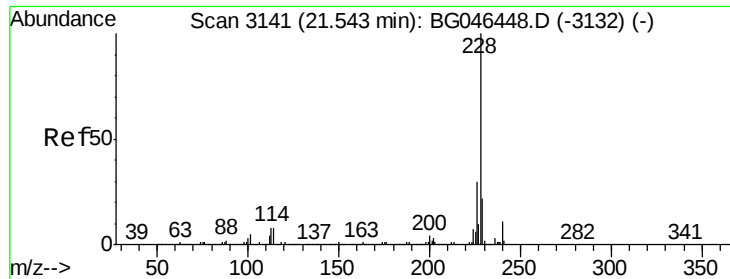


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.031 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

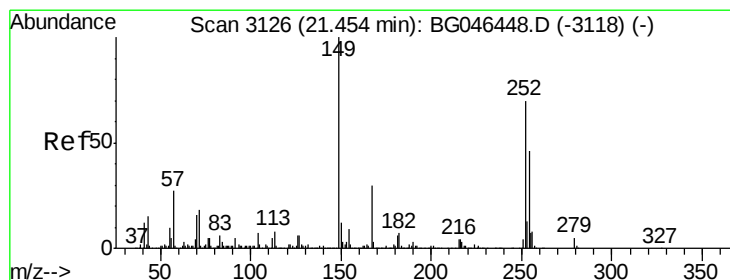
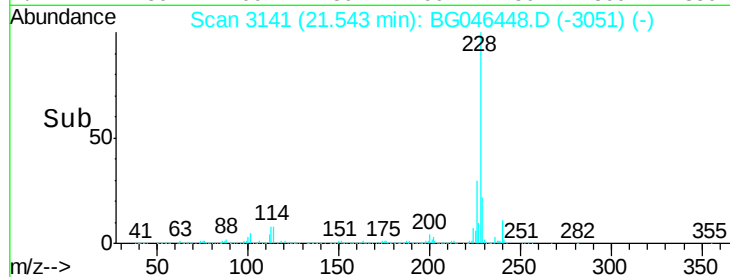
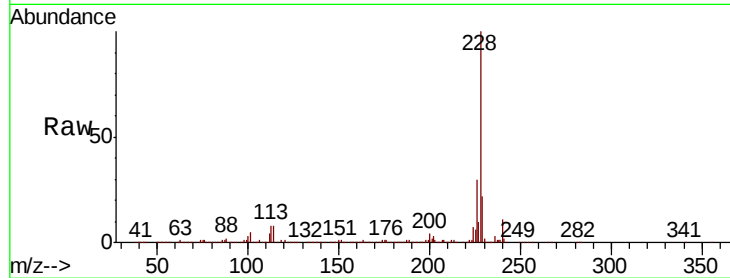
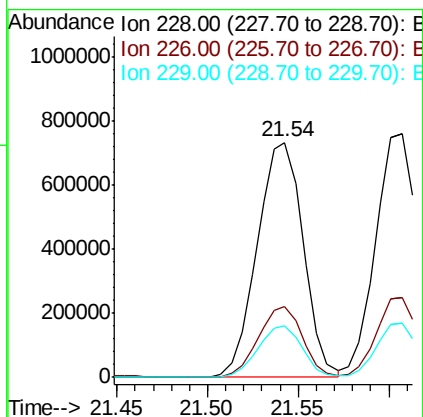
BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1292550

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.8	17.4	26.2



#82

3,3'-Dichlorobenzidine

Concen: 31.342 ng

RT: 21.45 min Scan# 3126

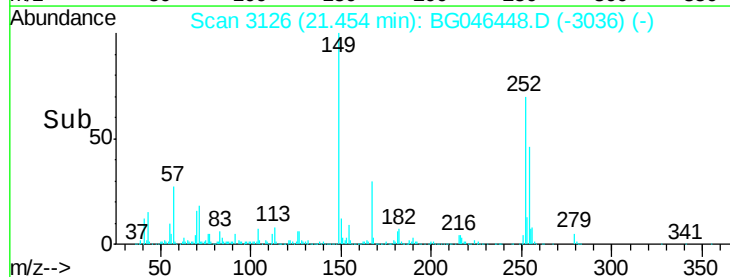
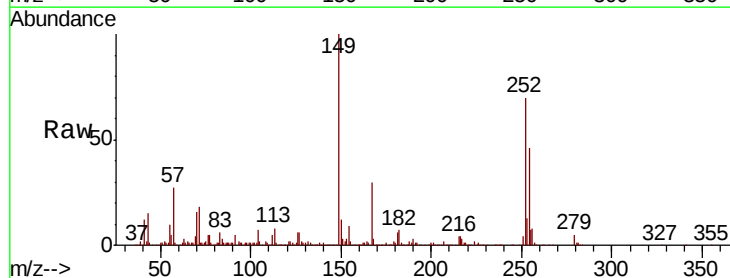
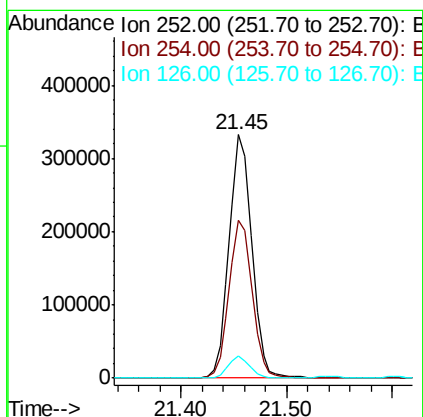
Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Tgt Ion:252 Resp: 494341

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.2	7.4	11.0

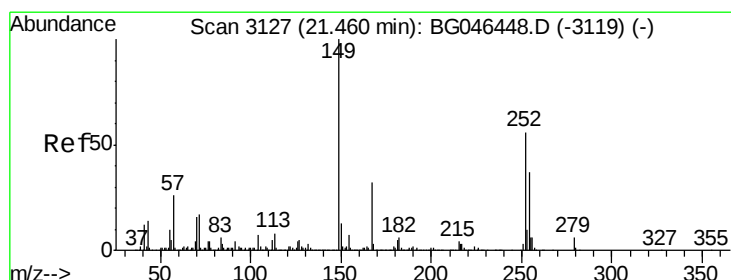
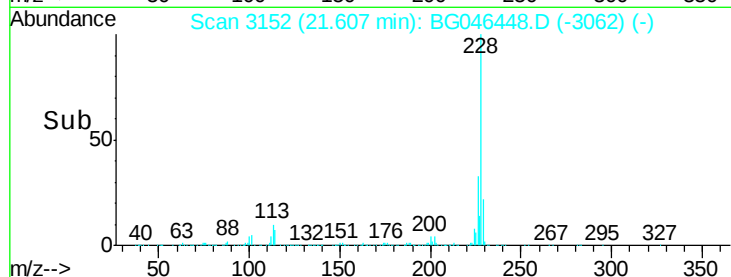
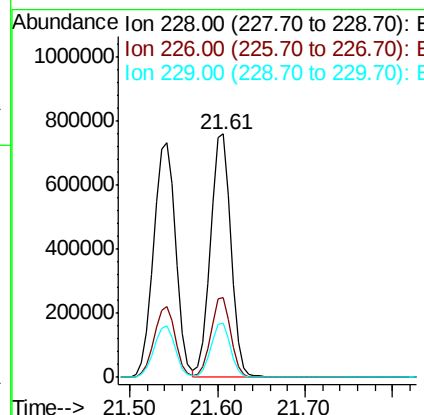
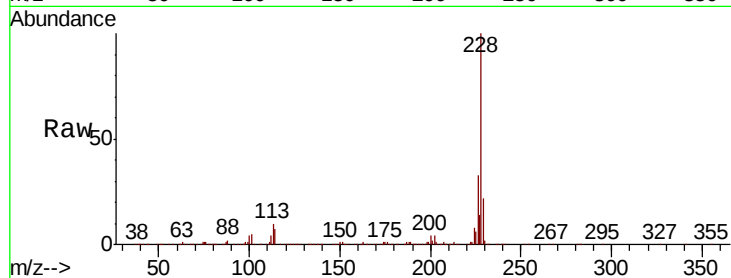




#83
Chrysene
Concen: 33.327 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

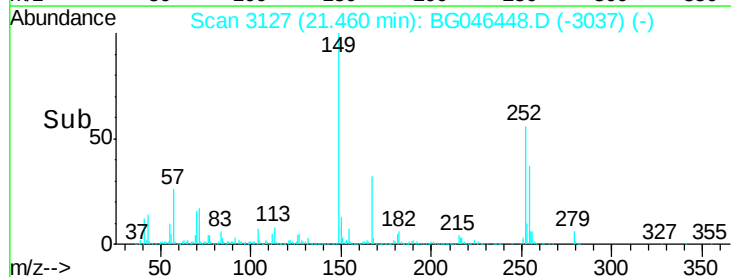
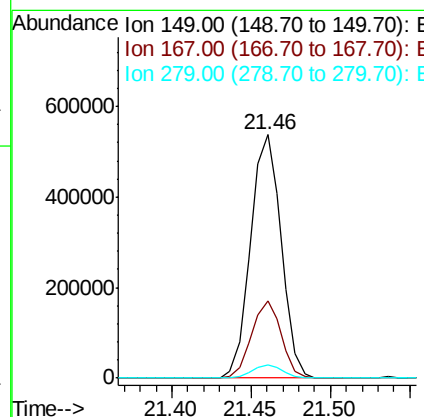
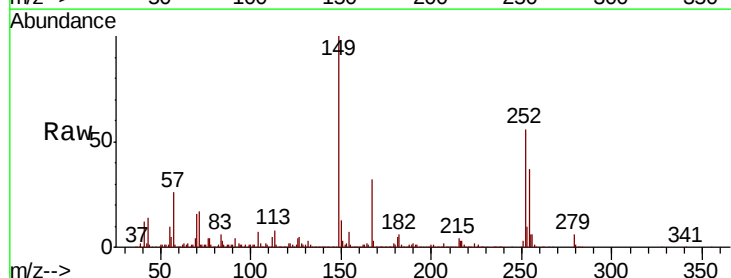
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

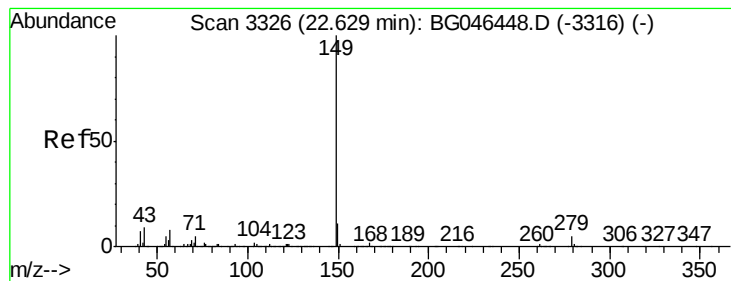
Tot Ion:228 Resp: 1240004
Ion Ratio Lower Upper
228 100
226 32.8 26.2 39.4
229 22.4 17.9 26.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.470 ng
RT: 21.46 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BG046448.D
Acq: 25 Aug 2020 14:47

Tgt Ion:149 Resp: 720263
Ion Ratio Lower Upper
149 100
167 31.8 25.4 38.2
279 5.6 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 36.861 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

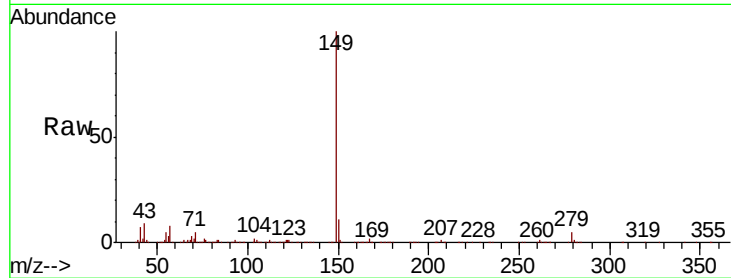
Tot Ion:149 Resp: 1232608

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

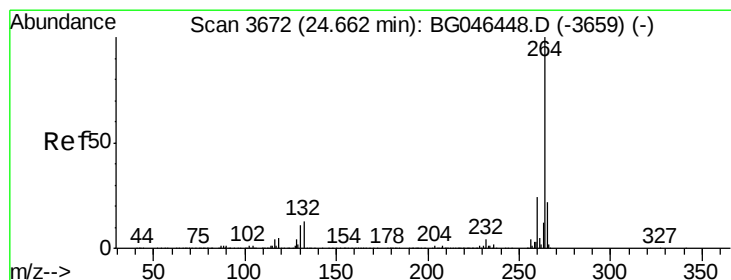
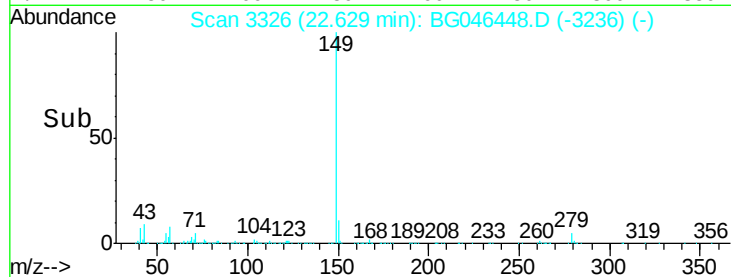
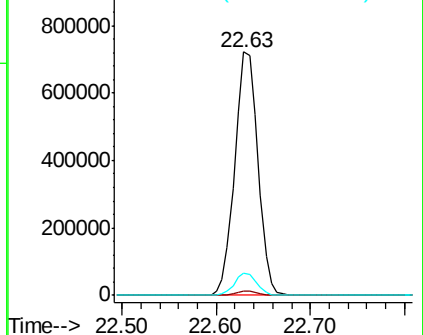
43 8.7 7.0 10.4



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: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

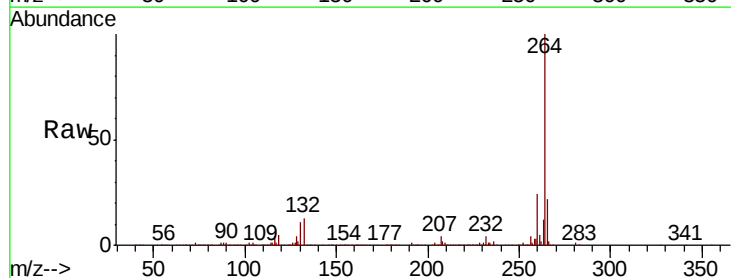
Tgt Ion:264 Resp: 601682

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

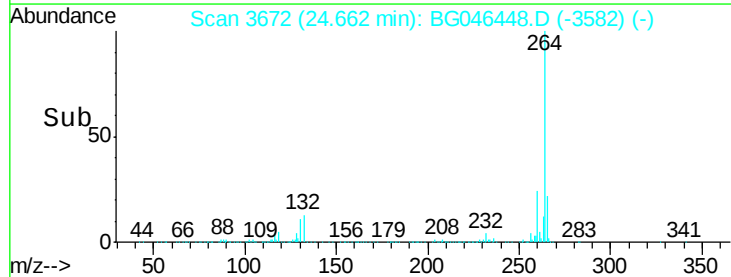
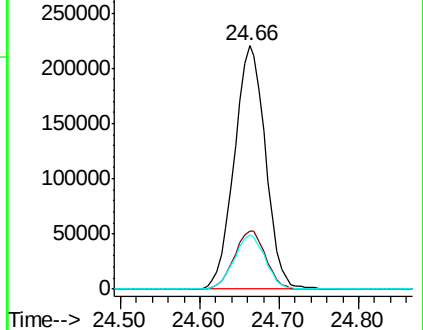
265 22.4 17.9 26.9

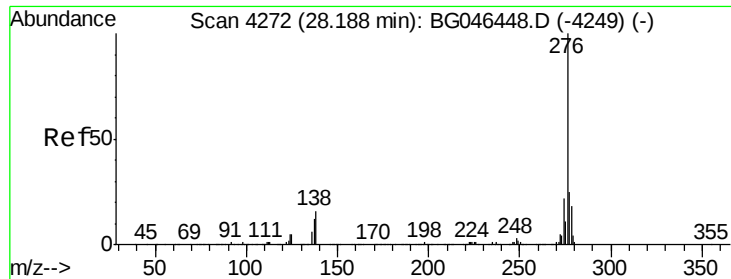


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

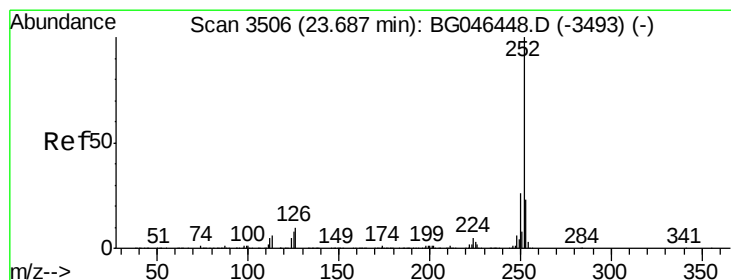
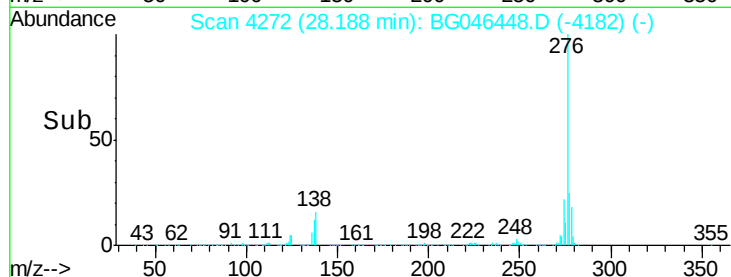
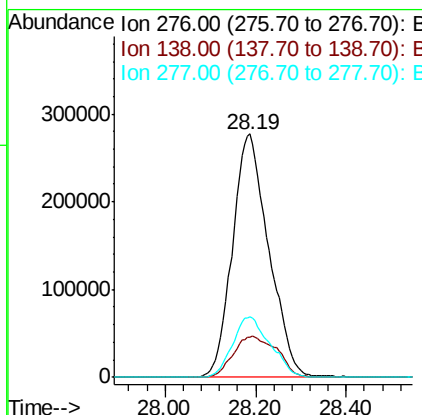
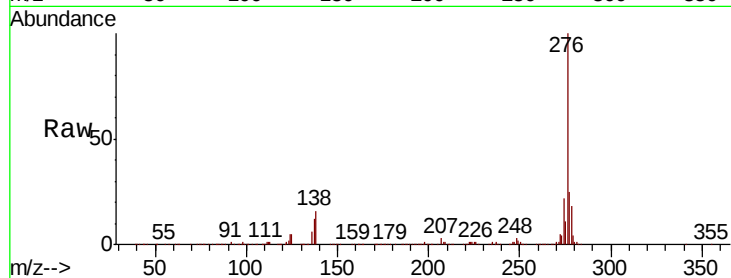




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.578 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

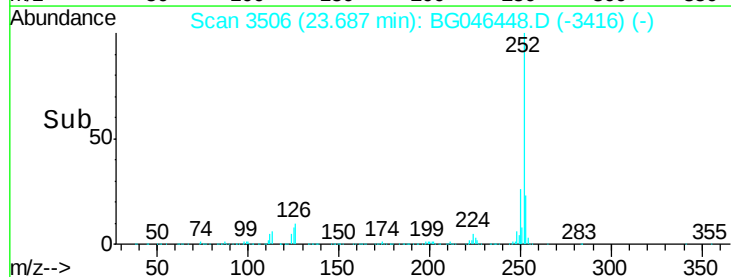
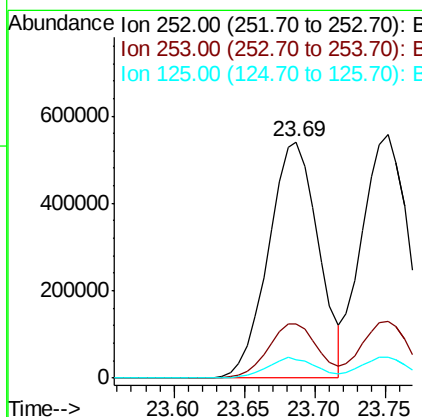
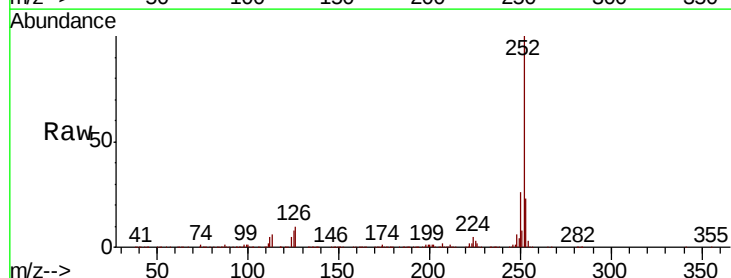
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Tot Ion:276 Resp: 1540835
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.5 24.7
 277 25.9 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 33.072 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: BG046448.D
 Acq: 25 Aug 2020 14:47

Tgt Ion:252 Resp: 1333460
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.2 27.4
 125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 32.558 ng

RT: 23.75 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

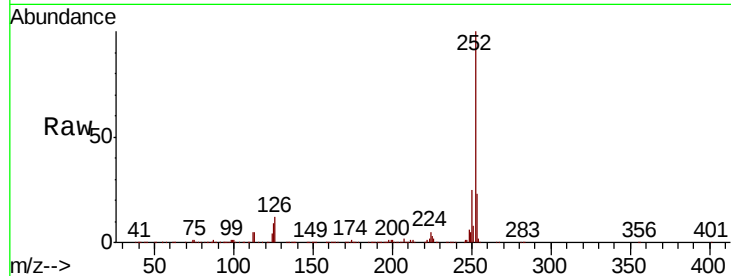
Tot Ion:252 Resp: 1287583

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

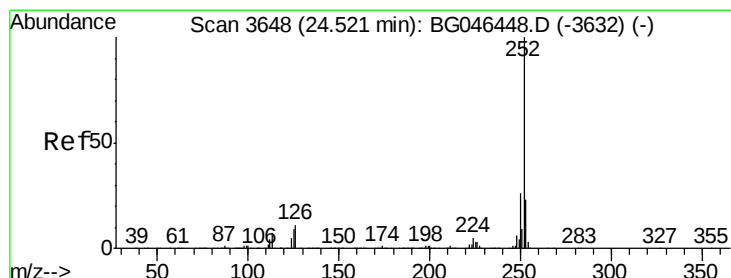
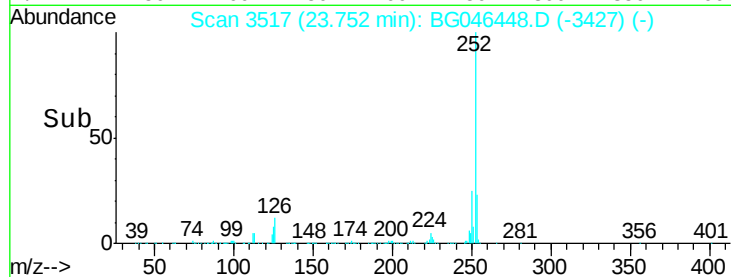
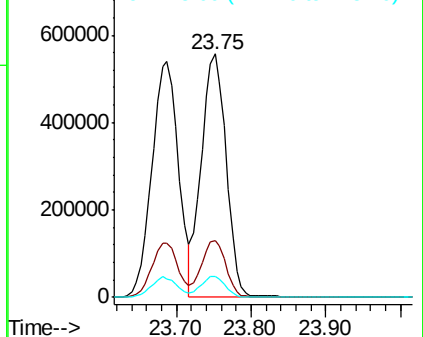
125 8.5 6.8 10.2



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: 33.348 ng

RT: 24.52 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

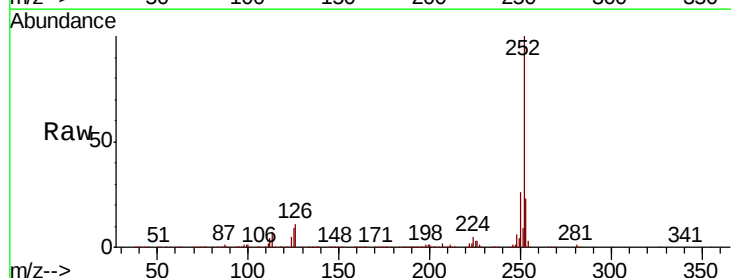
Tgt Ion:252 Resp: 1251177

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

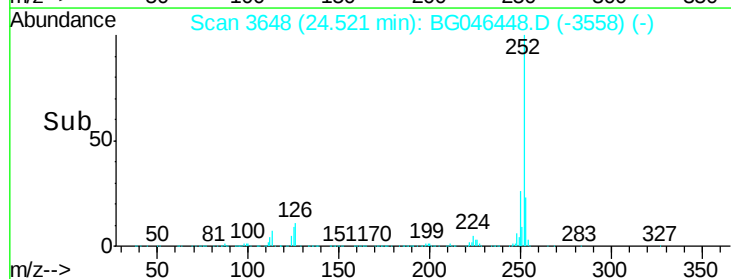
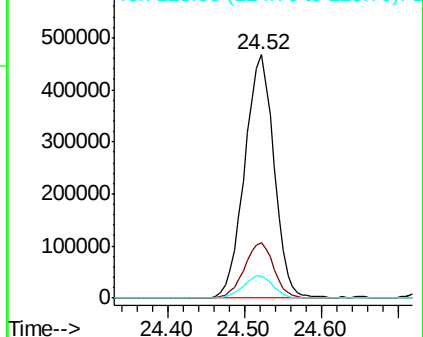
125 9.2 7.4 11.0

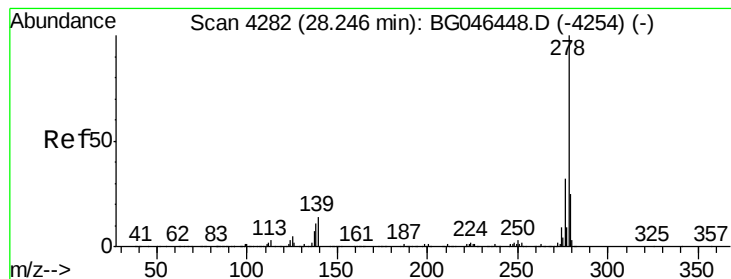


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 32.444 ng

RT: 28.25 min Scan# 4282

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

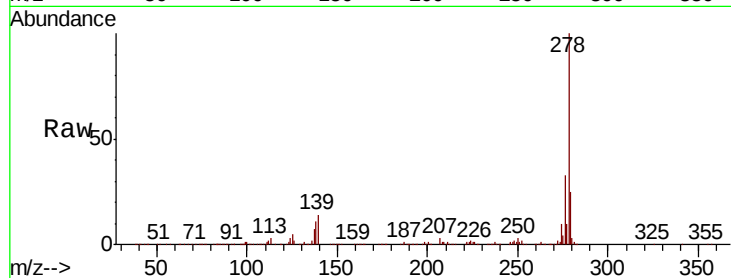
Tot Ion:278 Resp: 1244551

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

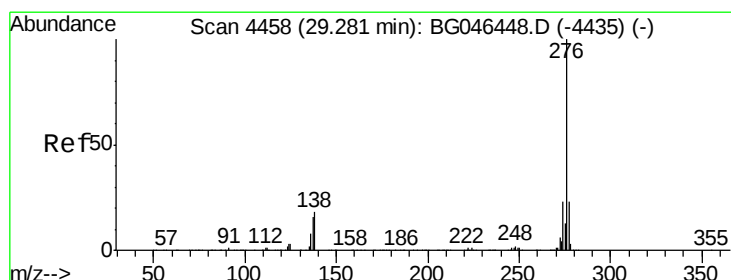
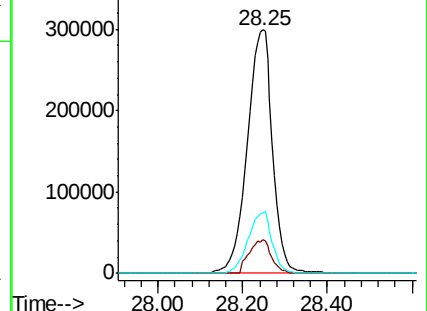
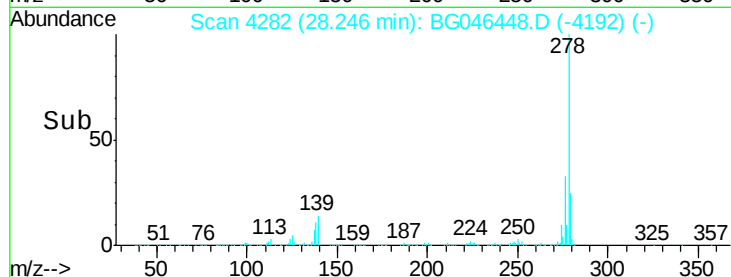
279 24.8 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.102 ng

RT: 29.28 min Scan# 4458

Delta R.T. 0.00 min

Lab File: BG046448.D

Acq: 25 Aug 2020 14:47

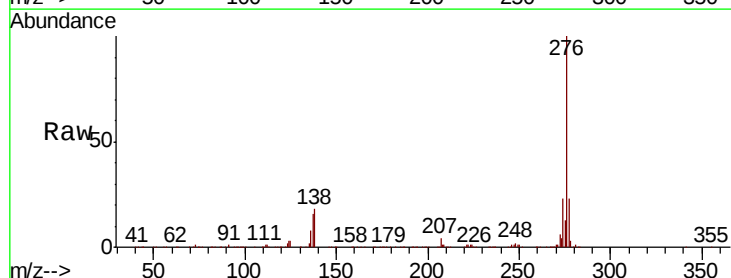
Tgt Ion:276 Resp: 1243684

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.4 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

