

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046452.D
 Acq On : 25 Aug 2020 17:30
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Quant Time: Aug 25 18:10:50 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 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	81627	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	329575	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	237657	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	592279	20.00	ng	0.00
76) Chrysene-d12	21.56	240	595780	20.00	ng	0.00
86) Perylene-d12	24.66	264	636881	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	342645	74.35	ng	0.00
7) Phenol-d6	7.11	99	489597	74.94	ng	0.00
23) Nitrobenzene-d5	9.09	82	424459	73.61	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	242622	75.35	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1111355	71.39	ng	0.00
79) Terphenyl-d14	19.92	244	1981282	70.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	70786	36.919	ng	99
3) Pyridine	3.82	79	210341	37.495	ng	99
4) n-Nitrosodimethylamine	3.73	42	79516	38.432	ng	100
6) Aniline	7.26	93	279630	38.036	ng	99
8) 2-Chlorophenol	7.50	128	179220	36.794	ng	98
9) Benzaldehyde	7.07	77	139483	38.107	ng	99
10) Phenol	7.13	94	224954	37.384	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	179769	37.167	ng	100
12) 1,3-Dichlorobenzene	7.83	146	227284	36.753	ng	99
13) 1,4-Dichlorobenzene	7.97	146	226649	36.608	ng	99
14) 1,2-Dichlorobenzene	8.29	146	213384	35.945	ng	99
15) Benzyl Alcohol	8.17	79	159826	38.104	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	277306	36.962	ng	98
17) 2-Methylphenol	8.38	107	163151	38.231	ng	99
18) Hexachloroethane	9.02	117	77177	36.765	ng	90
19) n-Nitroso-di-n-propylamine	8.74	70	148622	38.031	ng	99
20) 3+4-Methylphenols	8.71	107	223231	37.898	ng	98
22) Acetophenone	8.75	105	293704	36.610	ng	99
24) Nitrobenzene	9.13	77	207716	36.462	ng	97
25) Isophorone	9.66	82	394347	37.302	ng	99
26) 2-Nitrophenol	9.84	139	115234	38.339	ng	98
27) 2,4-Dimethylphenol	9.91	122	154456	37.363	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	252398	37.093	ng	99
29) 2,4-Dichlorophenol	10.38	162	205561	37.301	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	239324	36.601	ng	99
31) Naphthalene	10.78	128	585226	36.368	ng	99
32) Benzoic acid	10.05	122	106662	37.793	ng	98
33) 4-Chloroaniline	10.89	127	271236	38.225	ng	98
34) Hexachlorobutadiene	11.07	225	154387	36.372	ng	97
35) Caprolactam	11.66	113	80219	38.941	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	206996	38.403	ng	94
37) 2-Methylnaphthalene	12.39	142	469054	36.959	ng	98
38) 1-Methylnaphthalene	12.61	142	443857	36.922	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	283612	36.189	ng	99

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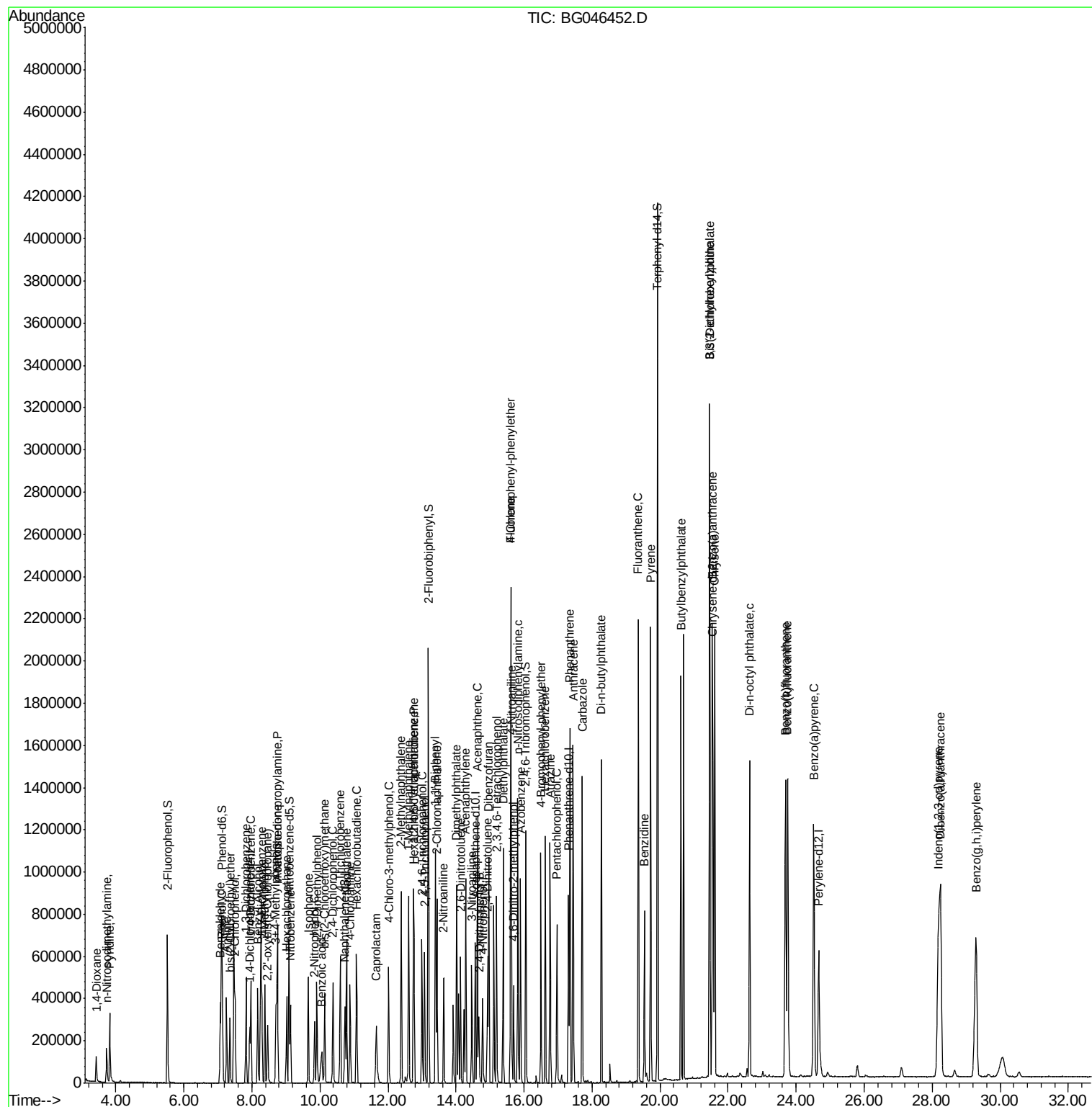
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	132522	38.889	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	197304	37.307	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	205538	36.990	ng	98
46) 1,1'-Biphenyl	13.40	154	596046	36.048	ng	100
47) 2-Chloronaphthalene	13.44	162	502602	35.851	ng	99
48) 2-Nitroaniline	13.64	65	147424	37.871	ng	97
49) Acenaphthylene	14.29	152	774799	36.434	ng	100
50) Dimethylphthalate	14.02	163	669554	36.416	ng	100
51) 2,6-Dinitrotoluene	14.14	165	152272	37.570	ng	97
52) Acenaphthene	14.63	154	483367	36.679	ng	98
53) 3-Nitroaniline	14.46	138	166388	37.900	ng	98
54) 2,4-Dinitrophenol	14.68	184	98423	41.603	ng	97
55) Dibenzofuran	14.96	168	768420	36.334	ng	100
56) 4-Nitrophenol	14.78	139	130243	40.310	ng	98
57) 2,4-Dinitrotoluene	14.93	165	220365	38.132	ng	99
58) Fluorene	15.61	166	640067	36.060	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	207098	38.381	ng	99
60) Diethylphthalate	15.39	149	663150	36.993	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	357400	36.560	ng	97
62) 4-Nitroaniline	15.63	138	177997	38.425	ng	97
63) Azobenzene	15.90	77	535083	36.694	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135792	40.507	ng	97
66) n-Nitrosodiphenylamine	15.82	169	580445	36.327	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	253984	36.756	ng	97
68) Hexachlorobenzene	16.62	284	277143	36.215	ng	98
69) Atrazine	16.77	200	243149	37.302	ng	99
70) Pentachlorophenol	16.97	266	162093	40.540	ng	99
71) Phenanthrene	17.35	178	1074733	35.800	ng	99
72) Anthracene	17.44	178	1062174	35.861	ng	99
73) Carbazole	17.71	167	1019451	36.454	ng	99
74) Di-n-butylphthalate	18.27	149	1184963	36.849	ng	99
75) Fluoranthene	19.36	202	1396220	36.140	ng	100
77) Benzidine	19.54	184	556400	40.190	ng	99
78) Pyrene	19.72	202	1391922	36.689	ng	99
80) Butylbenzylphthalate	20.61	149	562529	38.013	ng	97
81) Benzo(a)anthracene	21.54	228	1363825	36.726	ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	521312	37.828	ng	98
83) Chrysene	21.60	228	1302533	36.464	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	754165	37.345	ng	98
85) Di-n-octyl phthalate	22.63	149	1314416	38.012	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1625263	35.531	ng	100
88) Benzo(b)fluoranthene	23.68	252	1420496	35.720	ng	98
89) Benzo(k)fluoranthene	23.75	252	1340584	34.881	ng	100
90) Benzo(a)pyrene	24.52	252	1315319	35.442	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1305943	35.379	ng	98
92) Benzo(g,h,i)perylene	29.28	276	1305709	35.423	ng	98

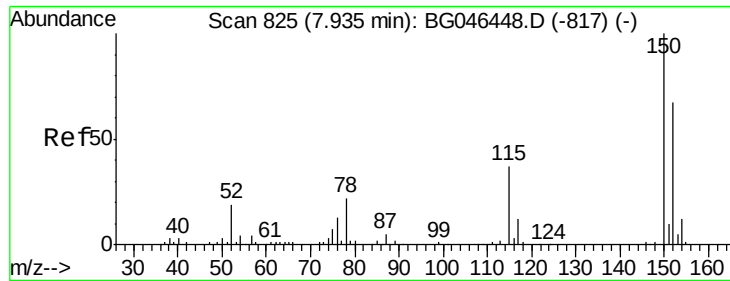
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

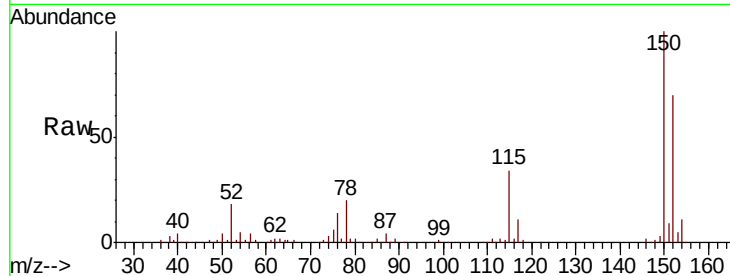
Tot Ion:152 Resp: 81627

Ion Ratio Lower Upper

152 100

150 141.8 119.5 179.3

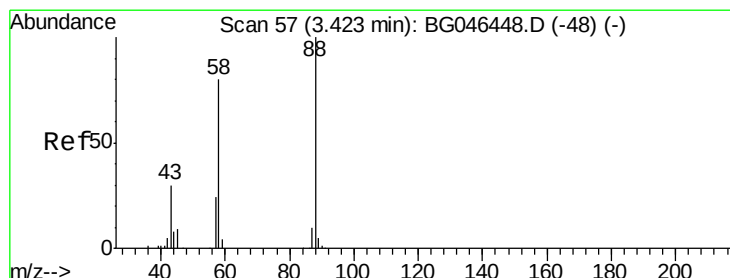
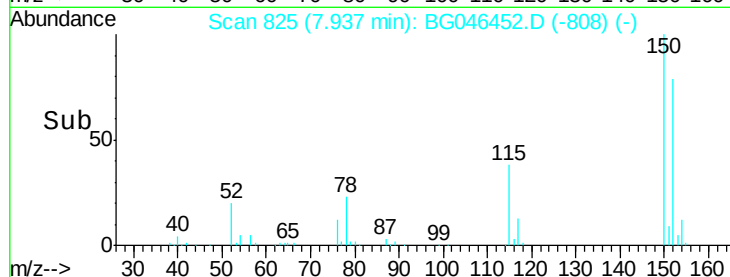
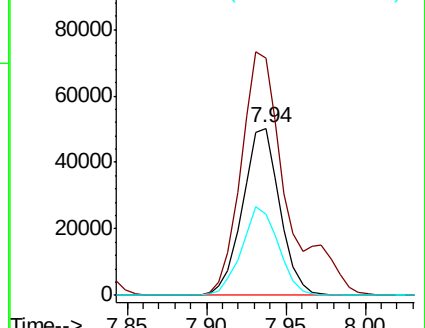
115 48.3 44.3 66.5



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: 36.919 ng

RT: 3.42 min Scan# 57

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

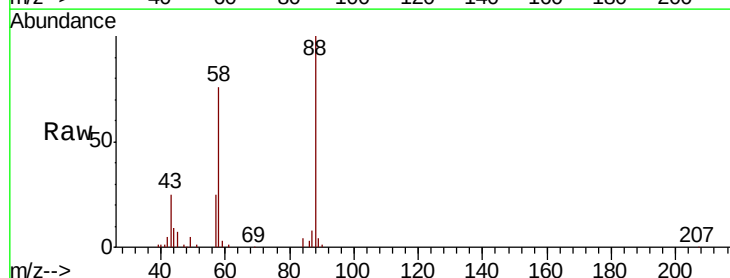
Tgt Ion: 88 Resp: 70786

Ion Ratio Lower Upper

88 100

58 77.1 61.4 92.2

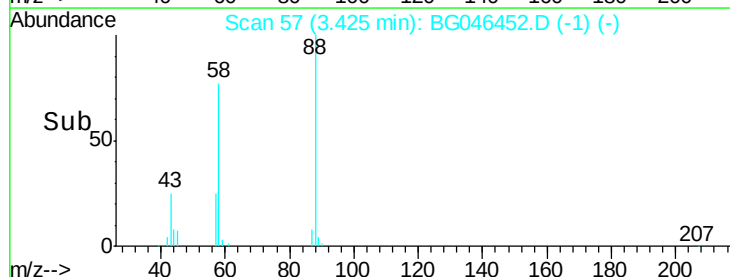
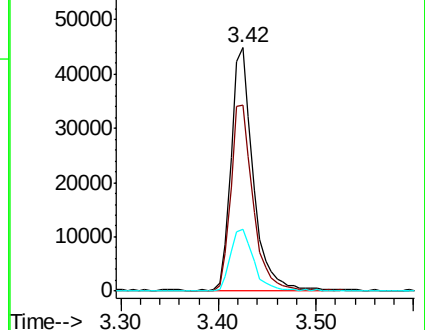
43 26.5 21.6 32.4

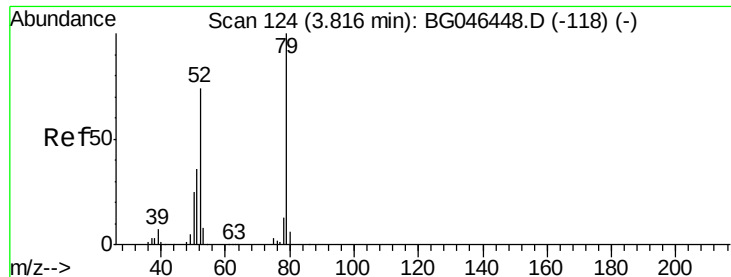


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.495 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

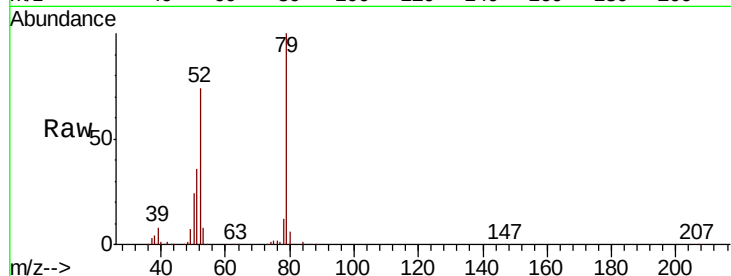
Tot Ion: 79 Resp: 210341

Ion Ratio Lower Upper

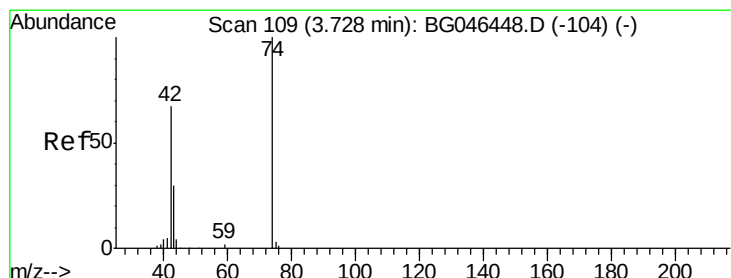
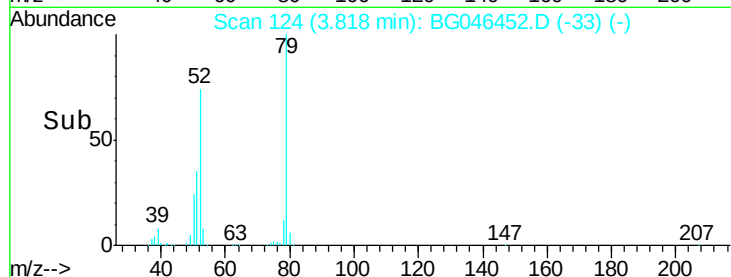
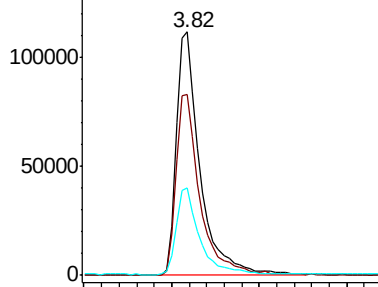
79 100

52 74.4 59.1 88.7

51 35.7 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
150000 Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.432 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

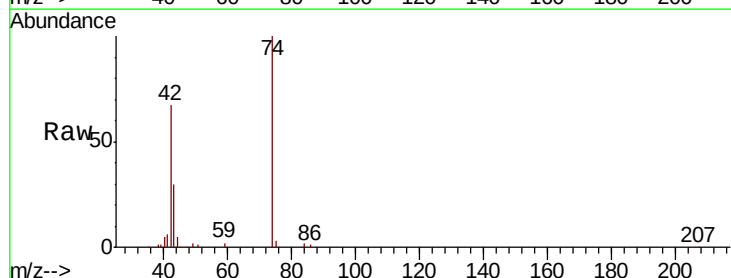
Tgt Ion: 42 Resp: 79516

Ion Ratio Lower Upper

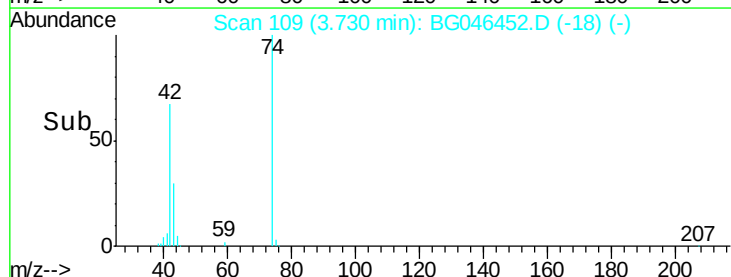
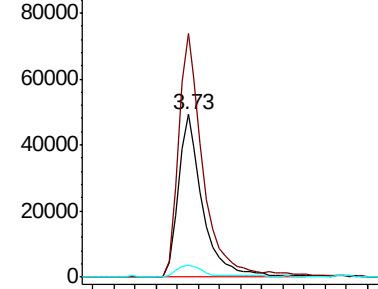
42 100

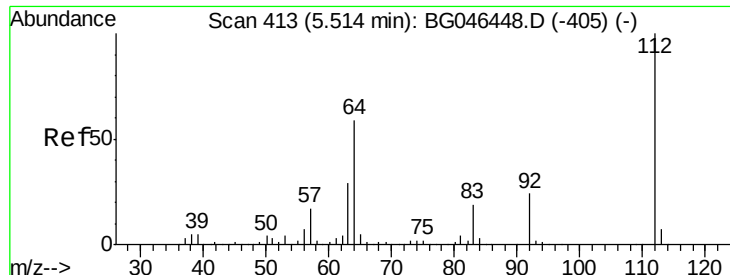
74 149.6 119.5 179.3

44 7.4 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
100000 Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 74.349 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

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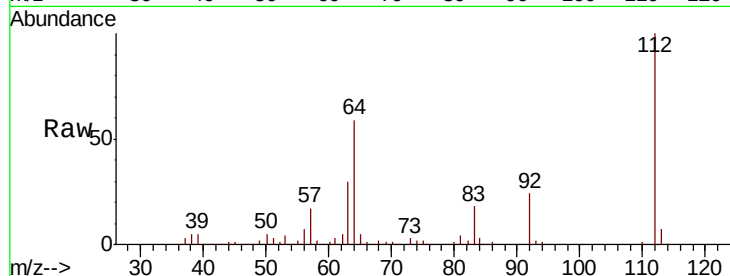
Tot Ion:112 Resp: 342645

Ion Ratio Lower Upper

112 100

64 58.7 47.0 70.6

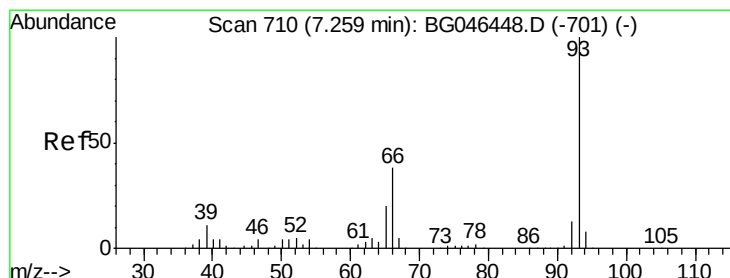
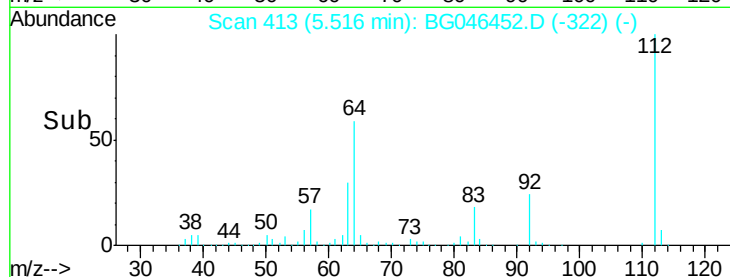
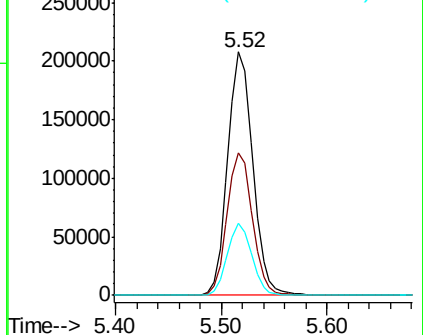
63 29.6 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.036 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

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Acq: 25 Aug 2020 17:30

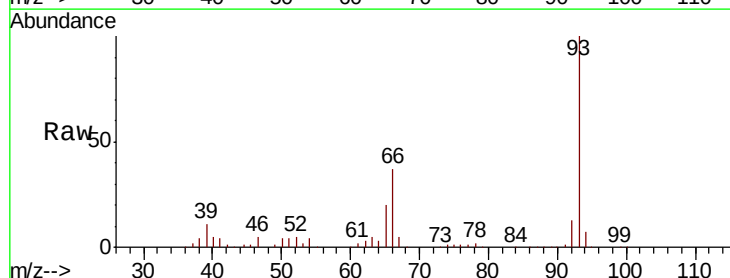
Tgt Ion: 93 Resp: 279630

Ion Ratio Lower Upper

93 100

66 37.2 30.4 45.6

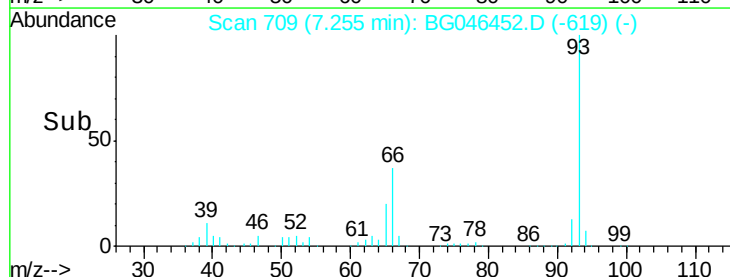
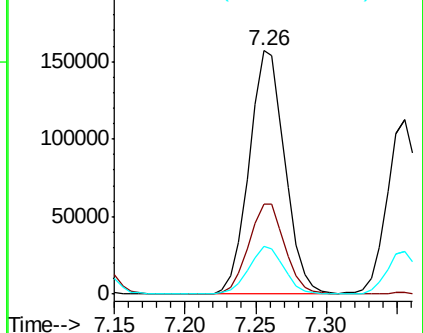
65 19.5 15.8 23.6

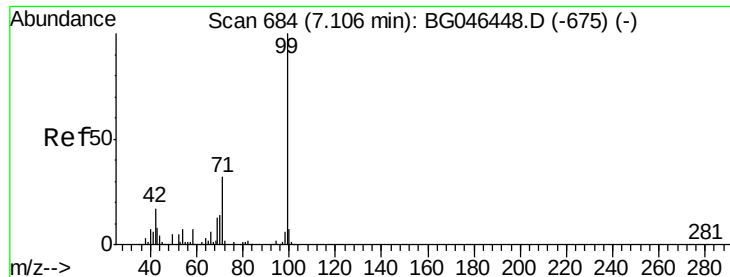


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.940 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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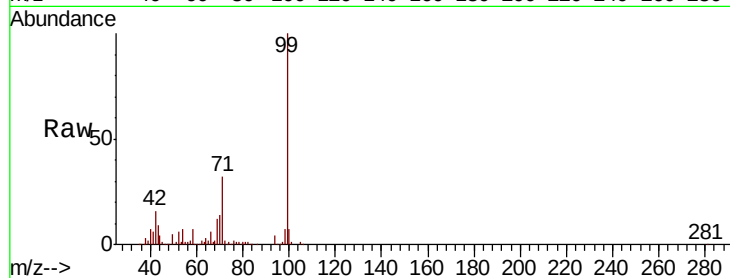
Tot Ion: 99 Resp: 489597

Ion Ratio Lower Upper

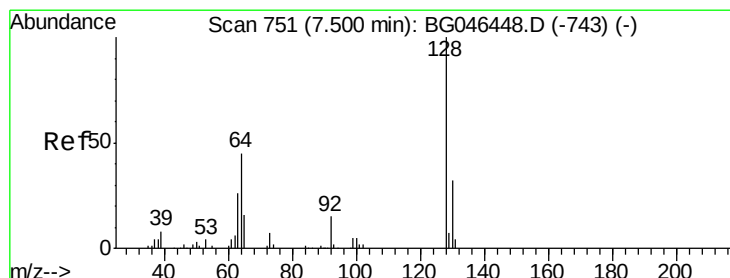
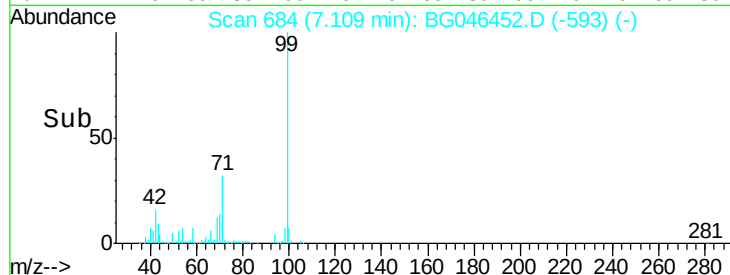
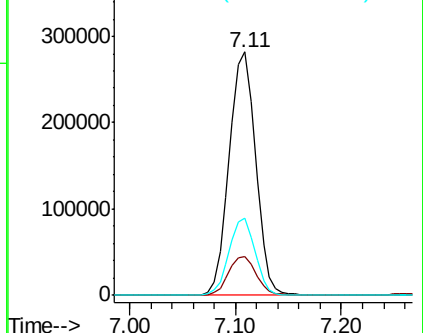
99 100

42 15.8 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: 36.794 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

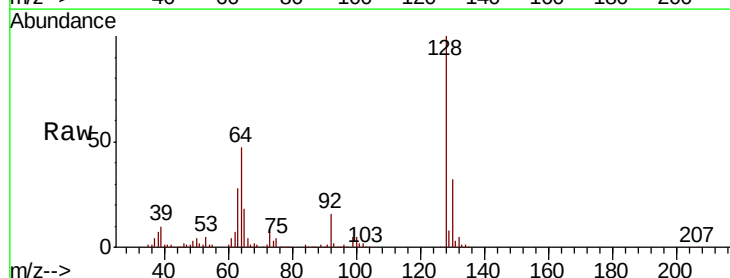
Tgt Ion: 128 Resp: 179220

Ion Ratio Lower Upper

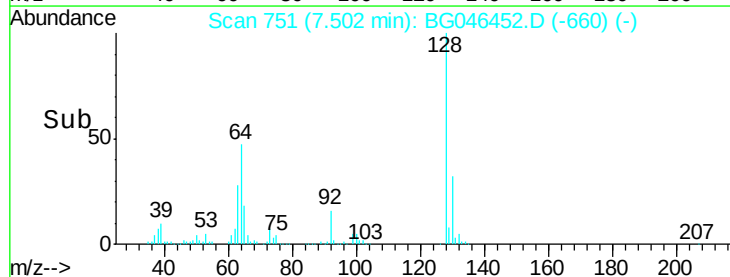
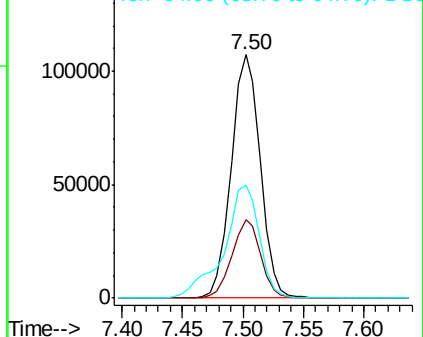
128 100

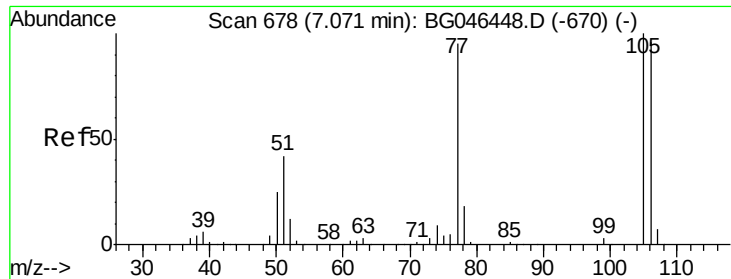
130 32.1 12.4 52.4

64 46.5 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: 38.107 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

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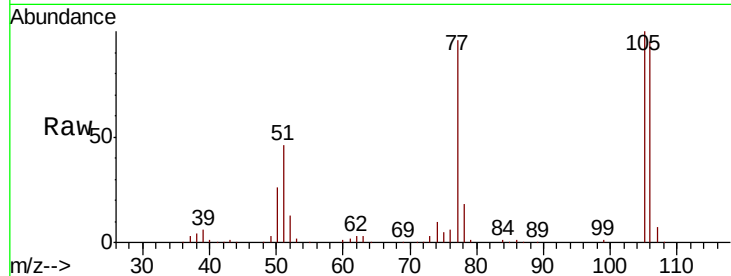
Tot Ion: 77 Resp: 139483

Ion Ratio Lower Upper

77 100

105 104.3 85.6 125.6

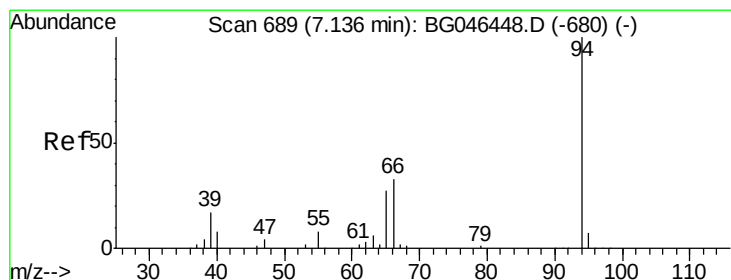
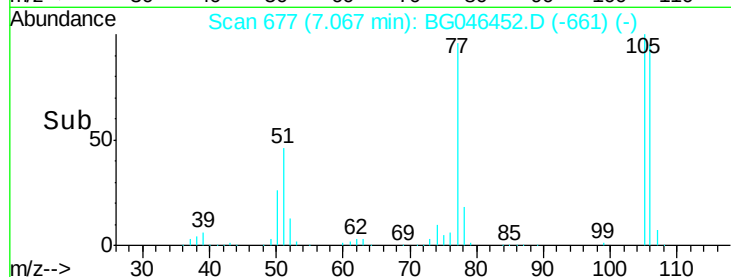
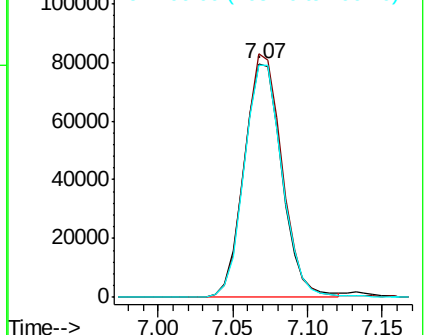
106 99.4 80.8 120.8



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: 37.384 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

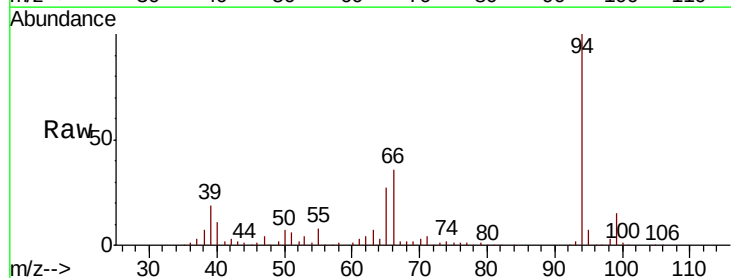
Tgt Ion: 94 Resp: 224954

Ion Ratio Lower Upper

94 100

65 27.2 7.5 47.5

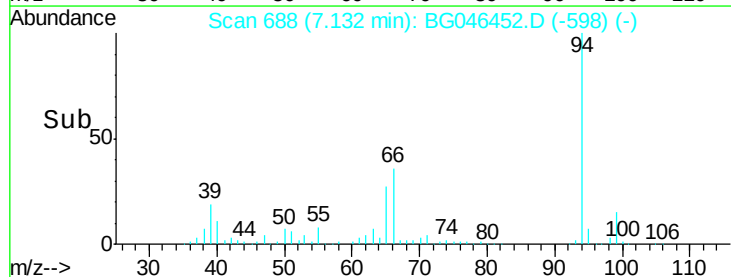
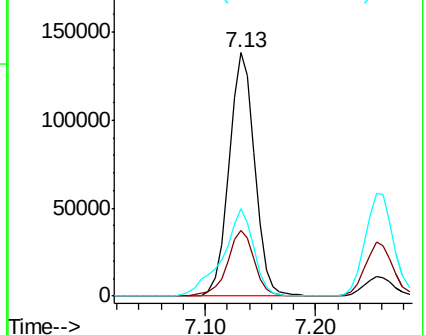
66 35.7 14.1 54.1

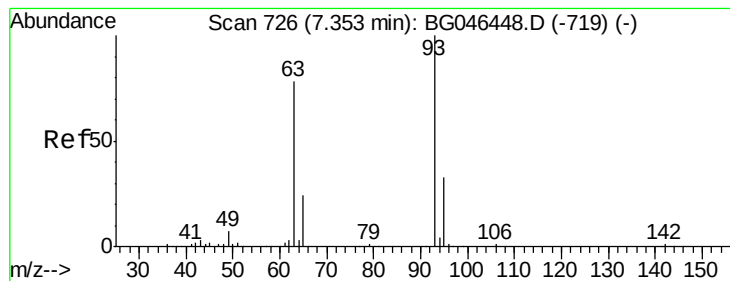


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.167 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

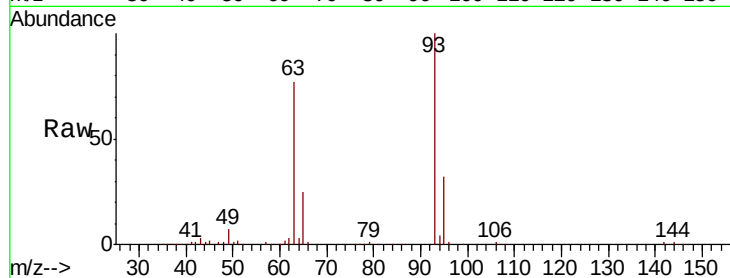
Tot Ion: 93 Resp: 179769

Ion Ratio Lower Upper

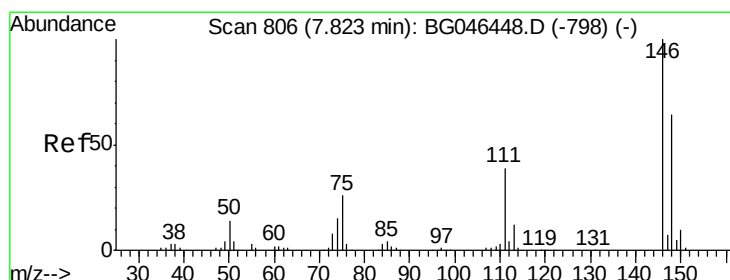
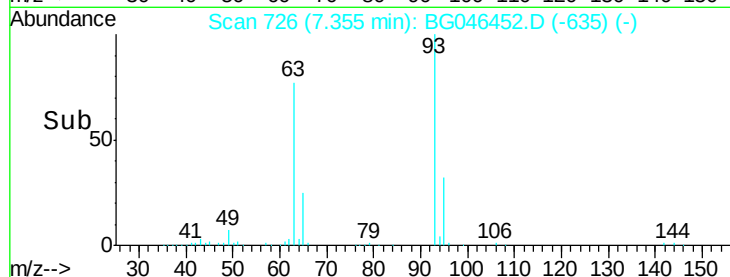
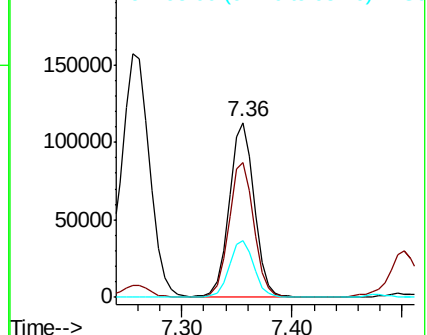
93 100

63 77.4 57.7 97.7

95 32.4 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 36.753 ng

RT: 7.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

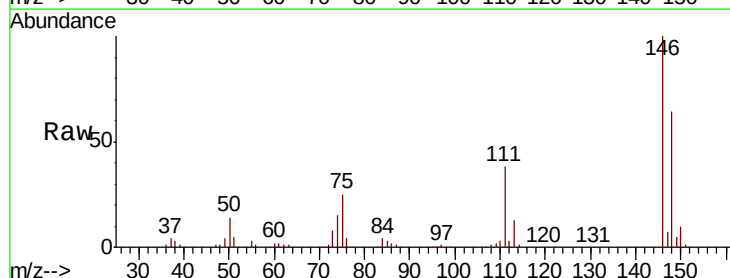
Tgt Ion: 146 Resp: 227284

Ion Ratio Lower Upper

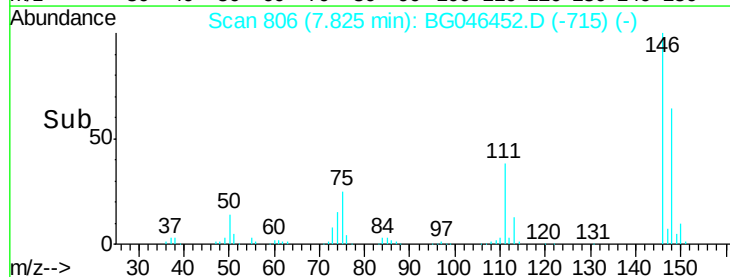
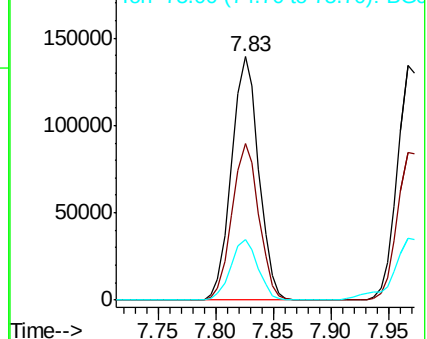
146 100

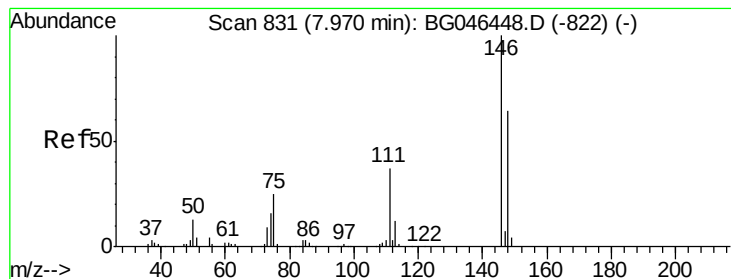
148 64.3 51.4 77.0

75 25.0 20.7 31.1



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





#13

1,4-Dichlorobenzene

Concen: 36.608 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

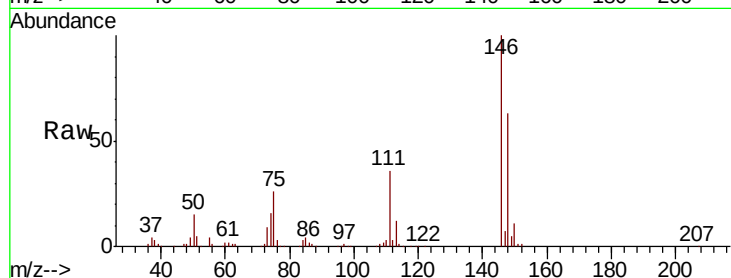
Tot Ion:146 Resp: 226649

Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

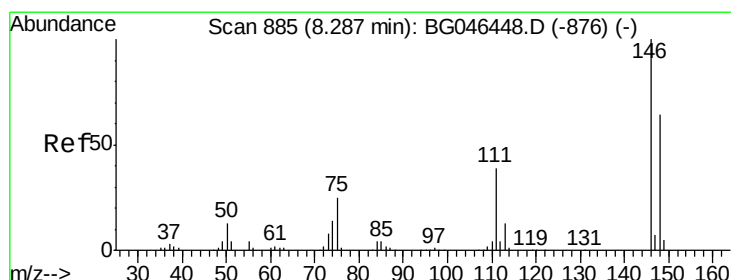
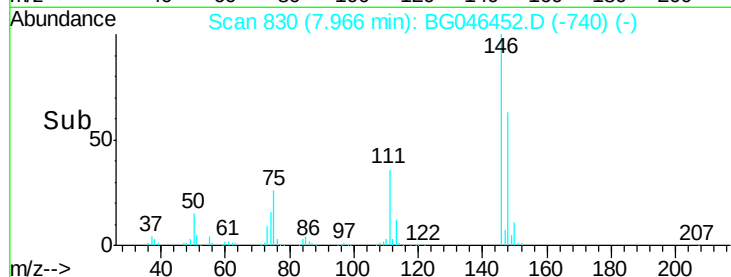
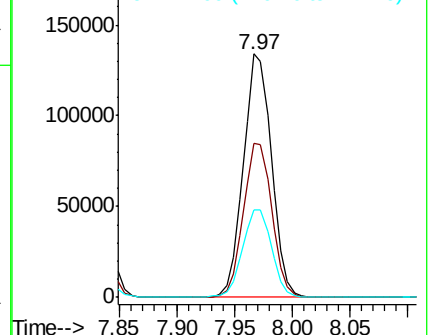
111 36.1 29.8 44.6



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



#14

1,2-Dichlorobenzene

Concen: 35.945 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

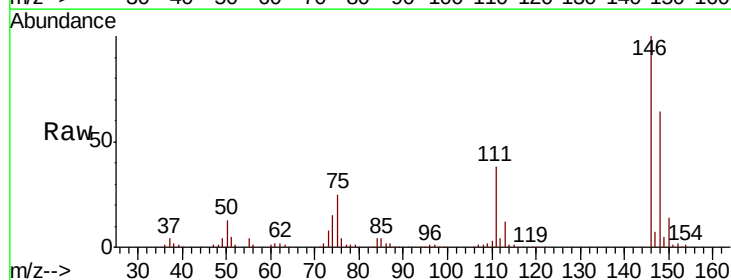
Tgt Ion:146 Resp: 213384

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

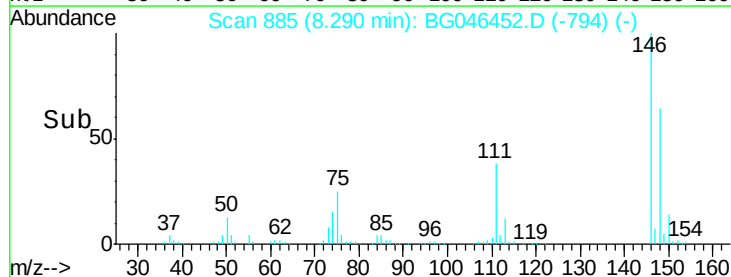
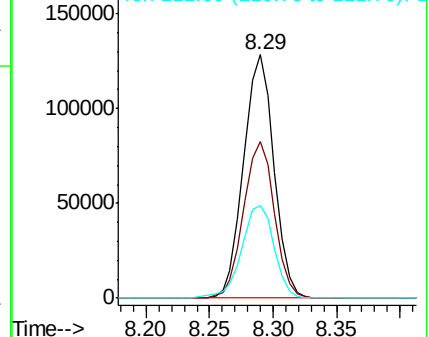
111 38.1 31.4 47.2

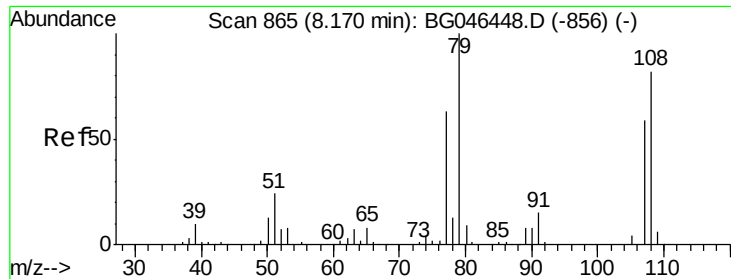


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.104 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

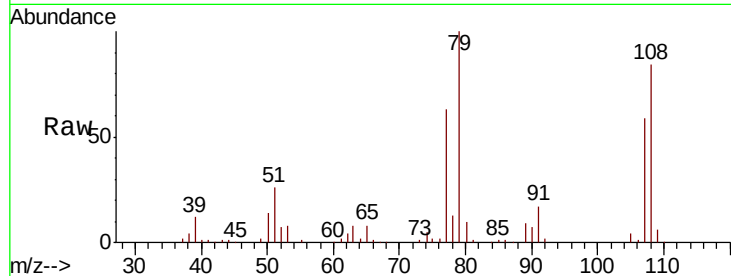
Tot Ion: 79 Resp: 159826

Ion Ratio Lower Upper

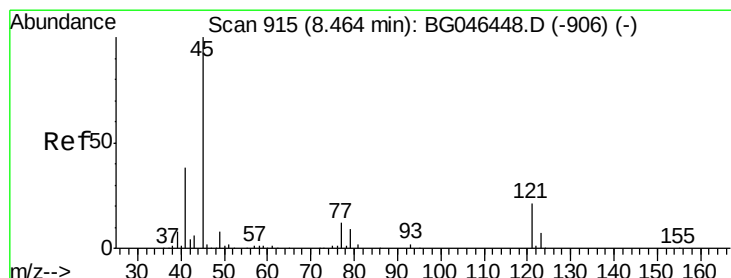
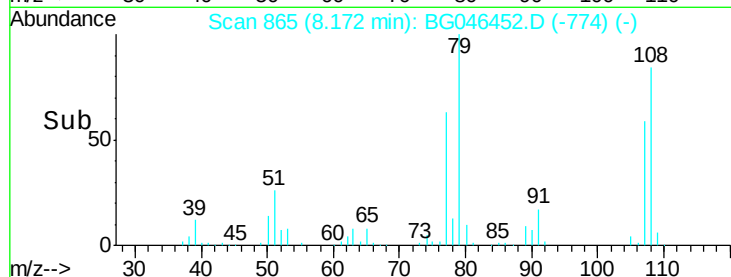
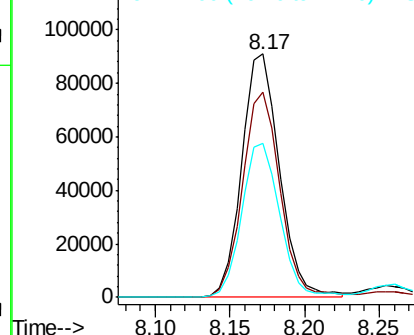
79 100

108 84.3 65.7 98.5

77 63.4 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: 36.962 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

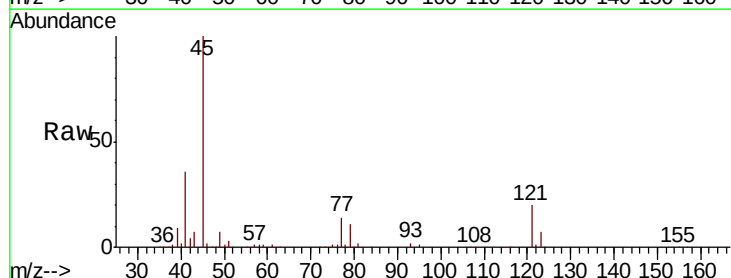
Tgt Ion: 45 Resp: 277306

Ion Ratio Lower Upper

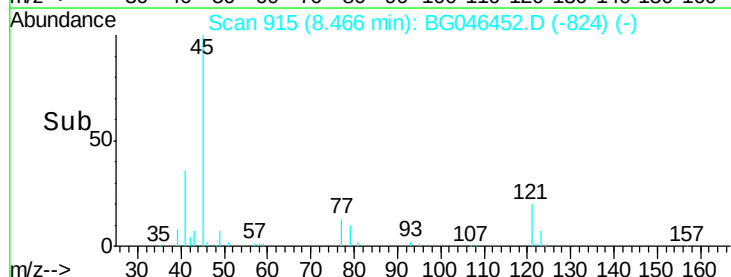
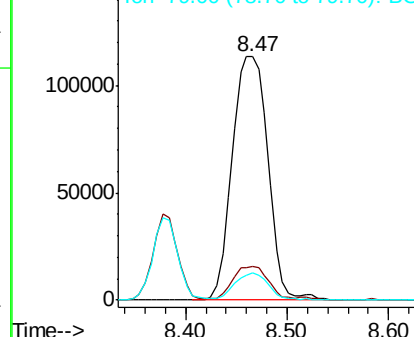
45 100

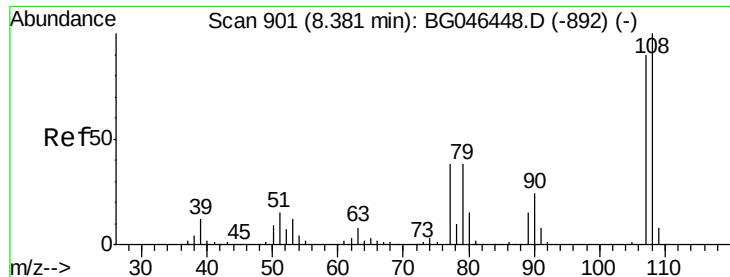
77 14.1 0.0 33.2

79 11.0 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

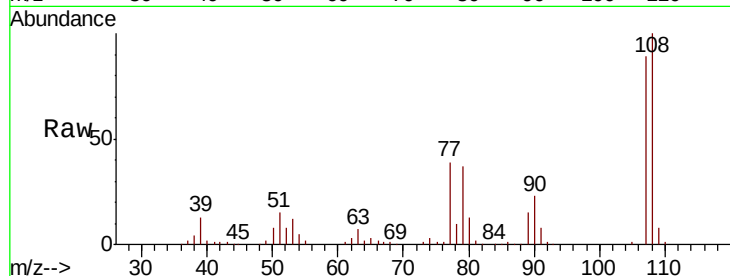




#17
2-Methylphenol
Concen: 38.231 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Instrument :
BNA_G
ClientSampleId :
ICVBG082520

Tot Ion:	107	Resp:	163151
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.0
77	43.7	34.5	51.7
79	41.6	33.8	50.6



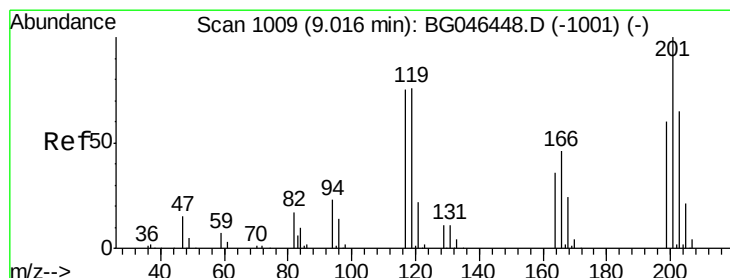
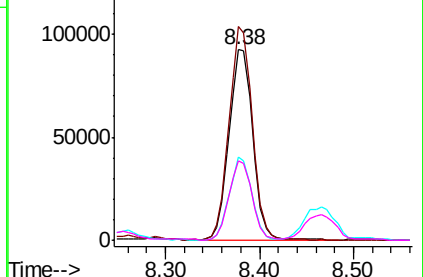
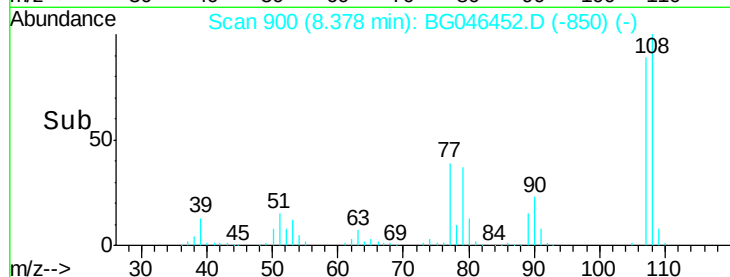
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

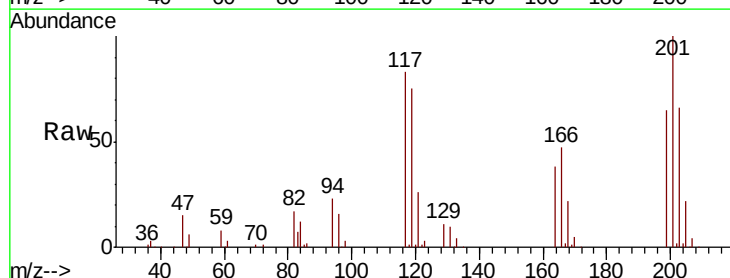
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.765 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:	117	Resp:	77177
Ion	Ratio	Lower	Upper
117	100		
119	90.8	80.8	121.2
201	121.1	106.7	160.1

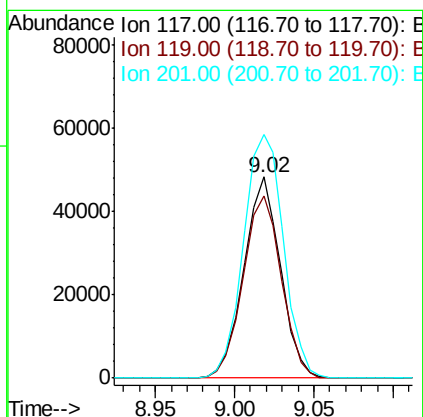
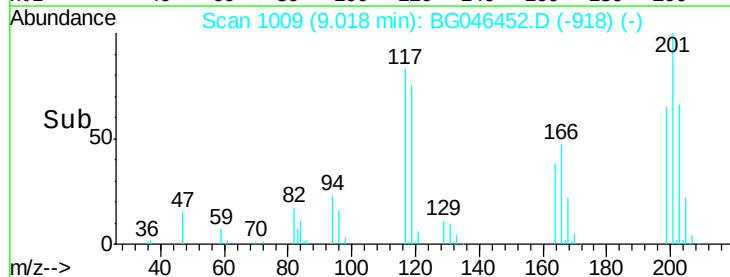


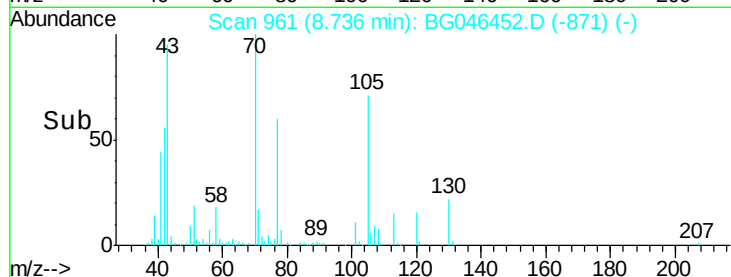
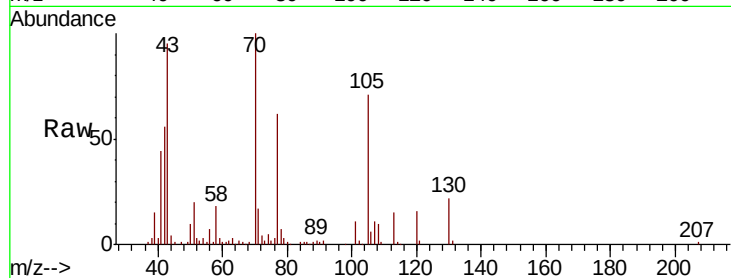
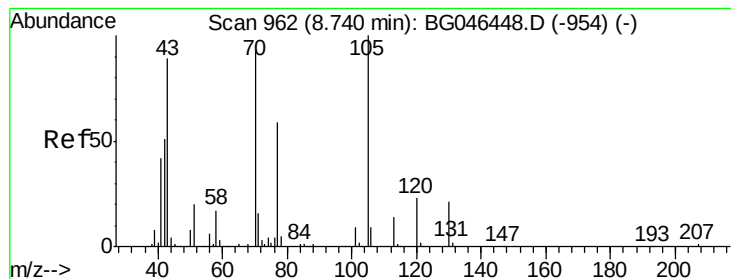
Abundance

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: 38.031 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

Tot Ion: 70 Resp: 148622

Ion Ratio Lower Upper

70 100

42 56.0 44.2 66.2

101 11.1 7.8 11.8

130 22.5 18.2 27.4

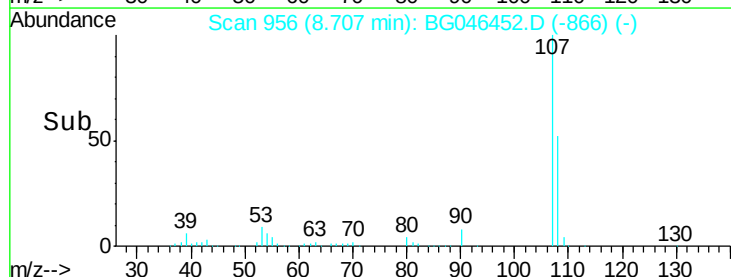
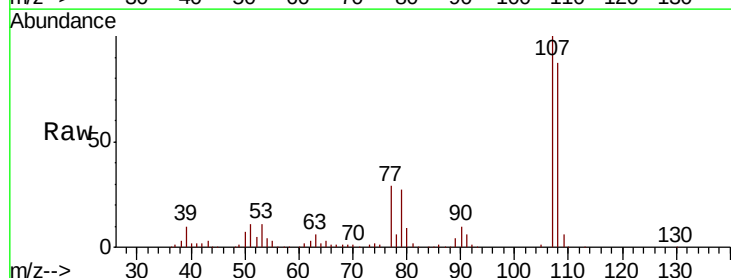
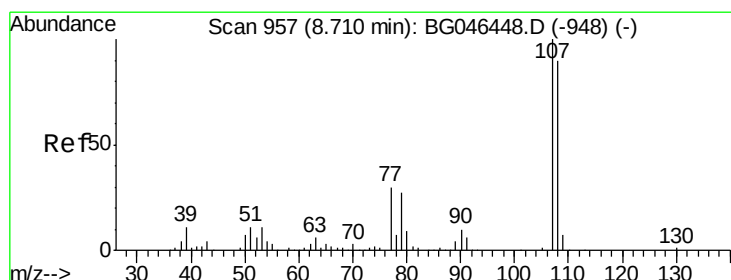
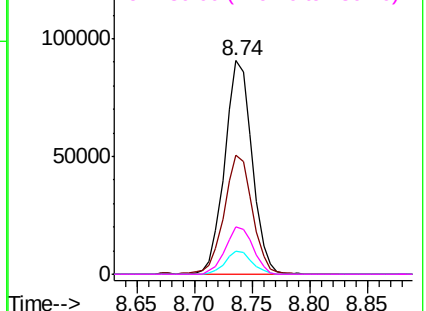
Abundance

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: 37.898 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Tgt Ion: 107 Resp: 223231

Ion Ratio Lower Upper

107 100

108 86.6 69.7 109.7

77 29.4 9.7 49.7

79 26.5 6.9 46.9

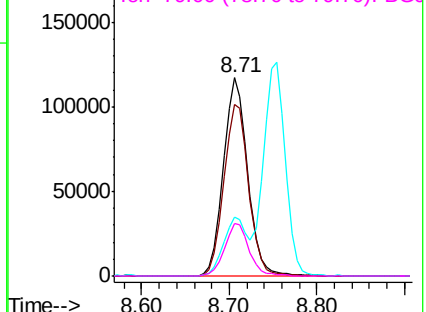
Abundance

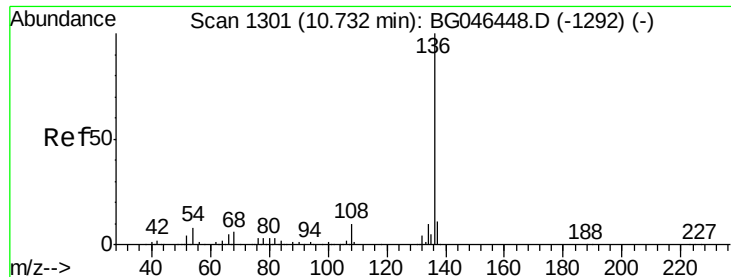
Ion 107.00 (106.70 to 107.70): BGC

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

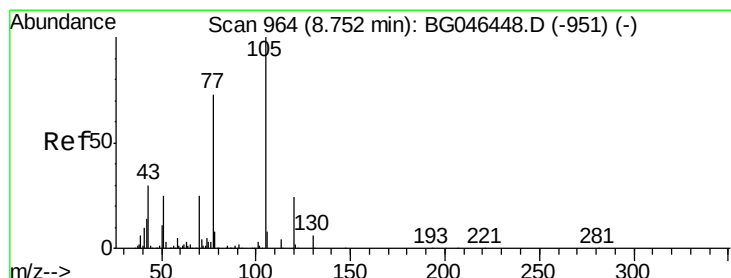
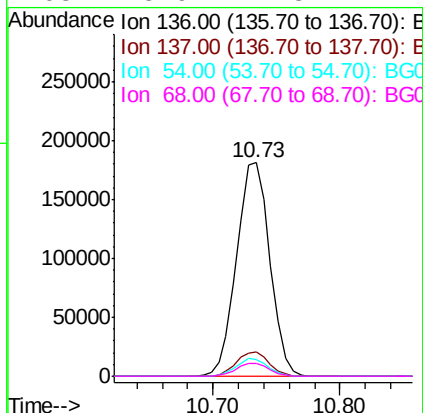
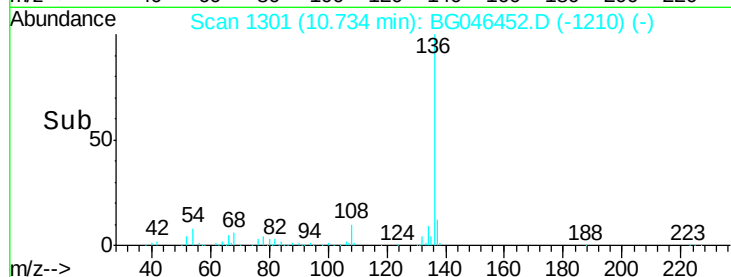
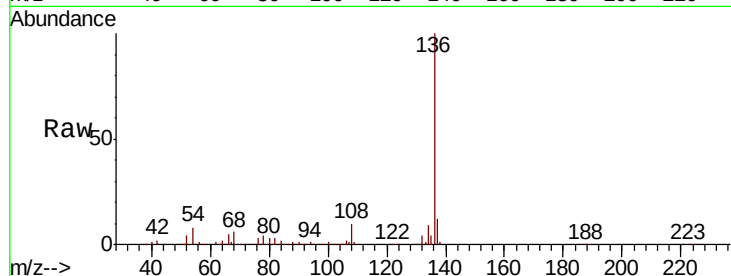




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

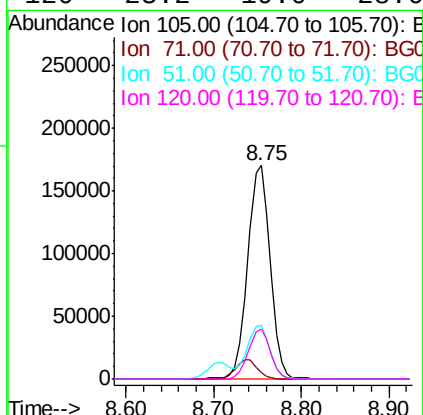
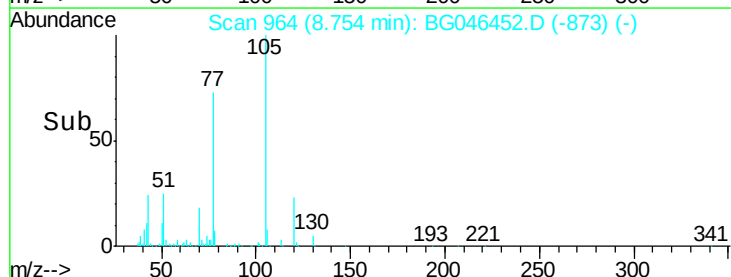
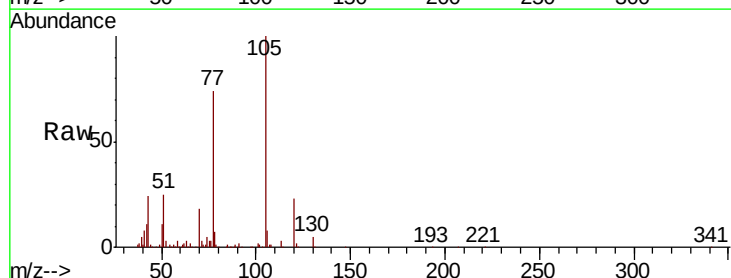
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

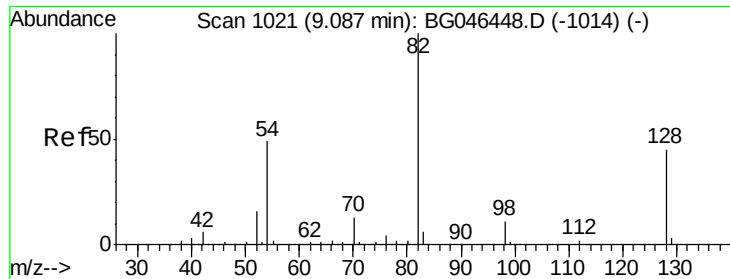
Tot Ion:136	Resp:	329575
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.8	13.2
54 7.8	6.1	9.1
68 5.9	4.8	7.2



#22
Acetophenone
Concen: 36.610 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt	Ion:105	Resp:	293704
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.3	4.9
51	25.1	20.6	31.0
120	23.2	19.0	28.6

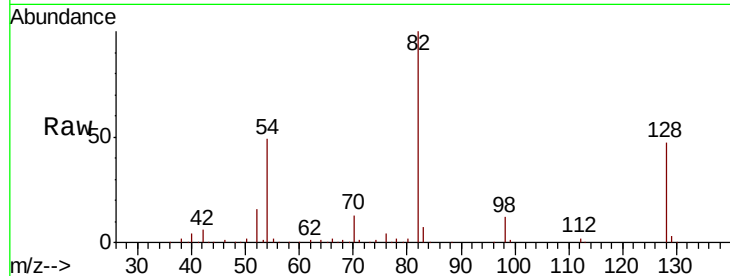




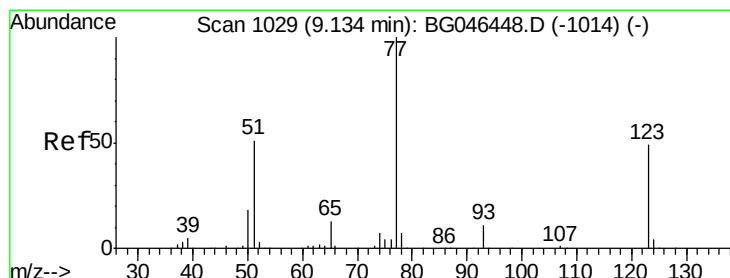
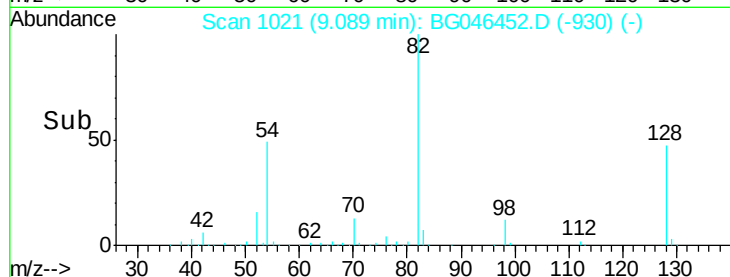
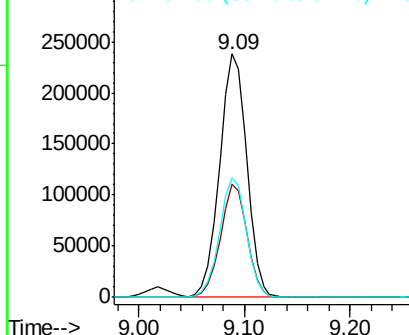
#23
 Nitrobenzene-d5
 Concen: 73.610 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Tot Ion	82	Resp	424459
Ion Ratio	100		
Lower		35.7	
Upper		53.5	
54	49.3	39.4	59.0

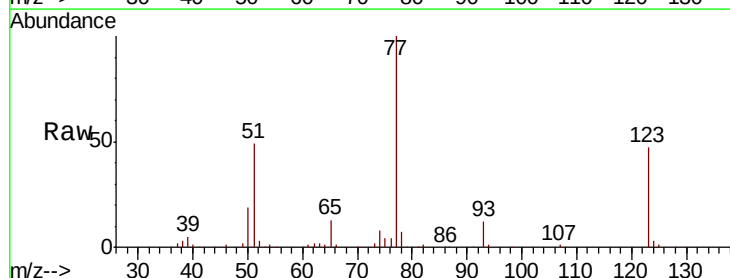


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

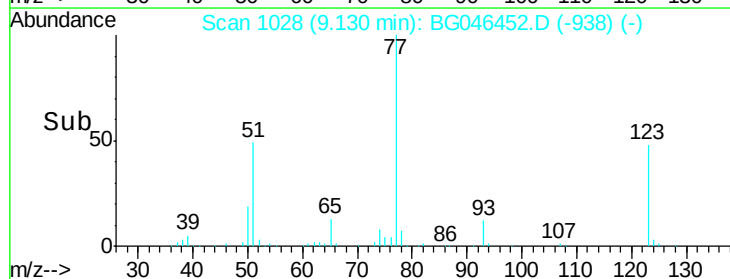
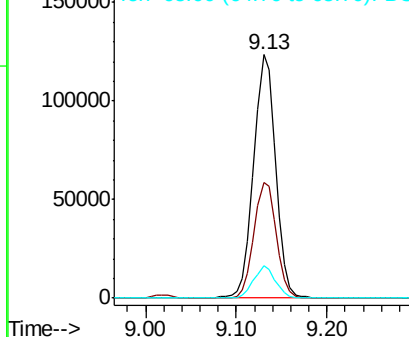


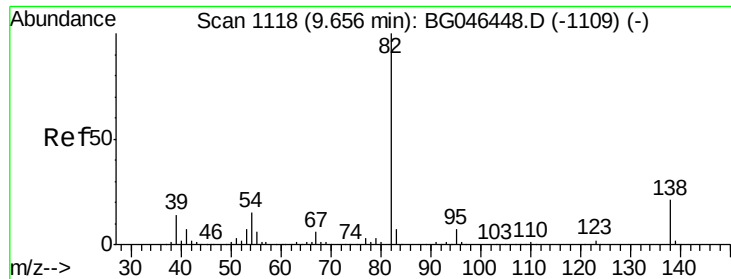
#24
 Nitrobenzene
 Concen: 36.462 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion	77	Resp	207716
Ion Ratio	100		
Lower		39.6	
Upper		59.4	
123	47.4	10.1	15.1
65	13.3		



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





#25

Isophorone

Concen: 37.302 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

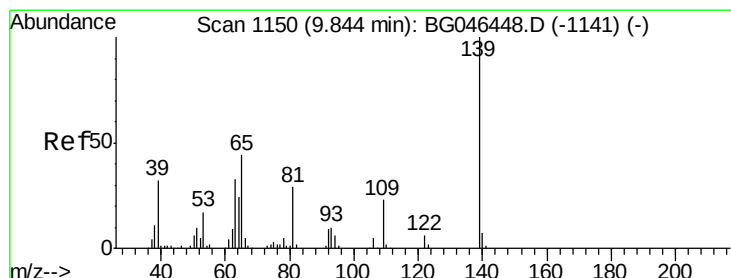
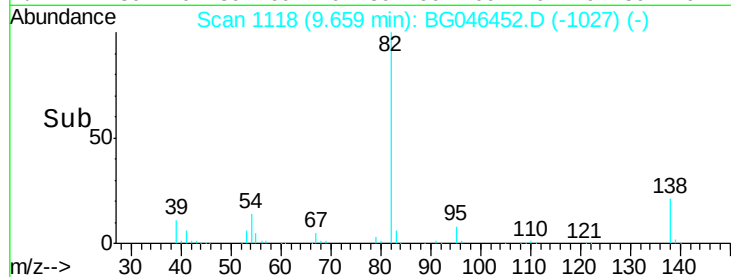
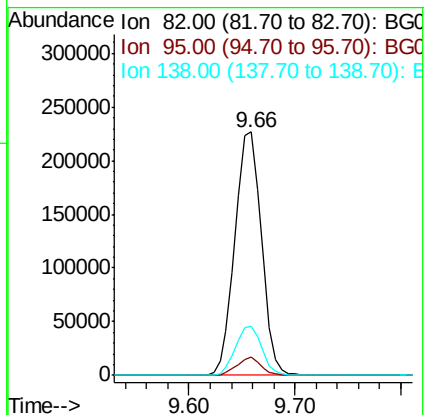
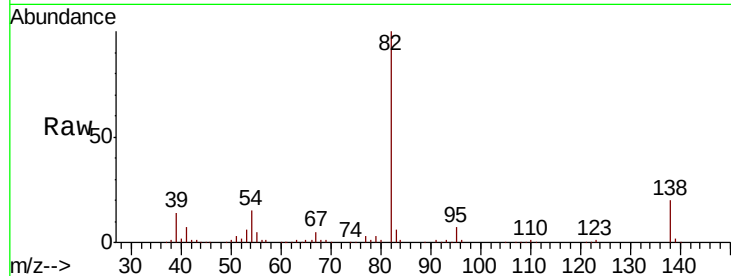
Tot Ion: 82 Resp: 394347

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 20.3 16.4 24.6



#26

2-Nitrophenol

Concen: 38.339 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

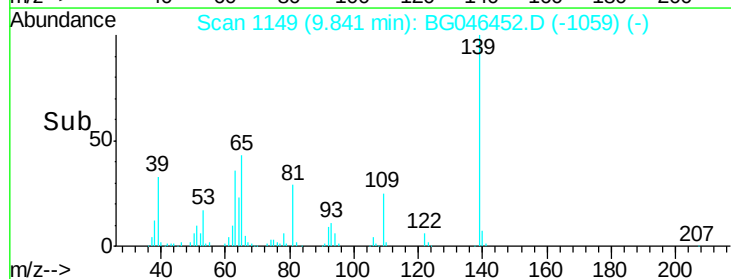
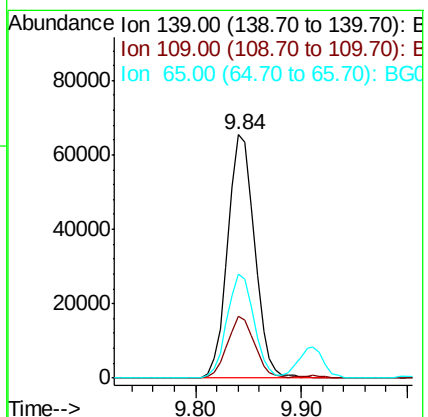
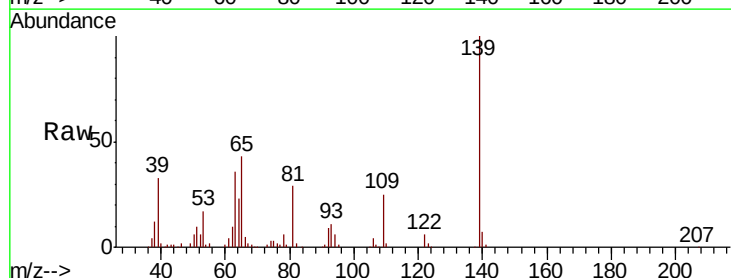
Tgt Ion: 139 Resp: 115234

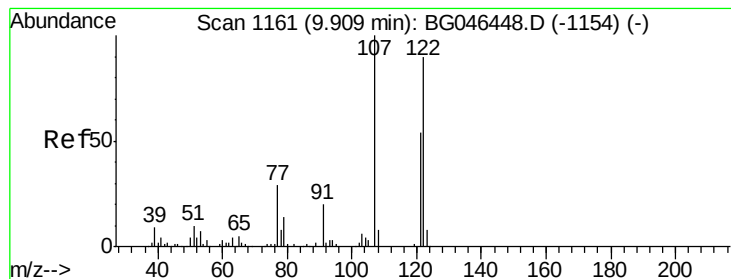
Ion Ratio Lower Upper

139 100

109 25.2 18.8 28.2

65 42.8 35.0 52.6

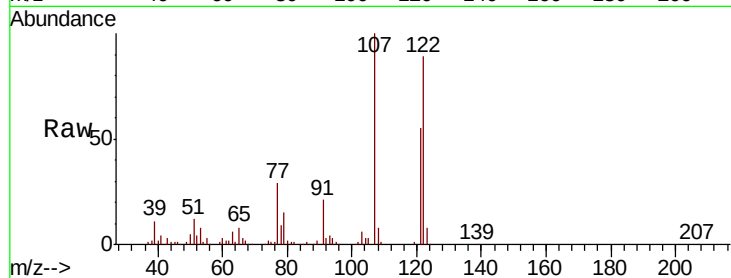




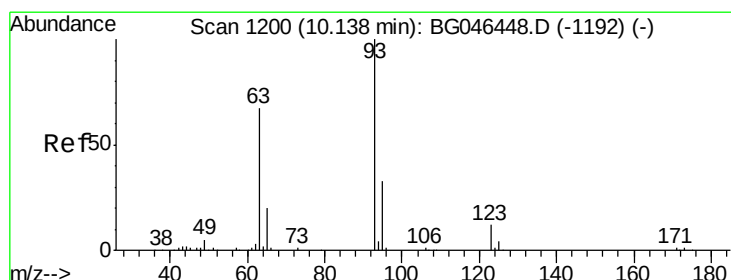
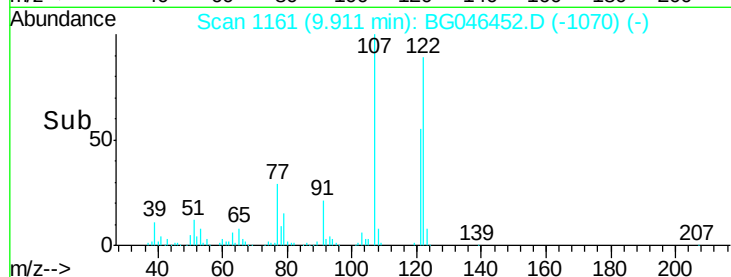
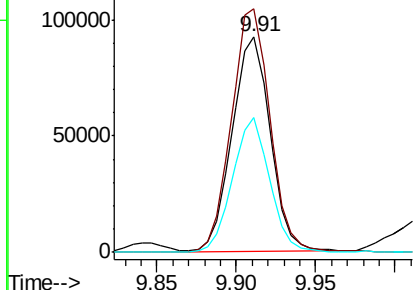
#27
 2,4-Dimethylphenol
 Concen: 37.363 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	88.2	132.2
121	62.4	47.4	71.0

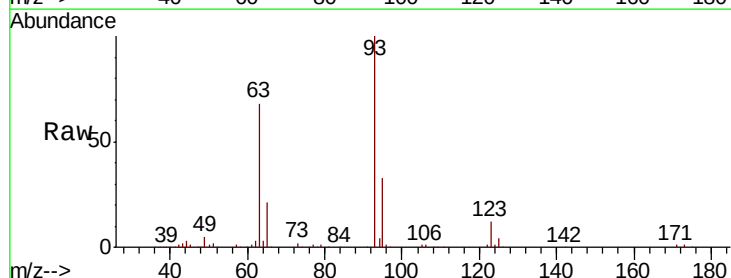


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

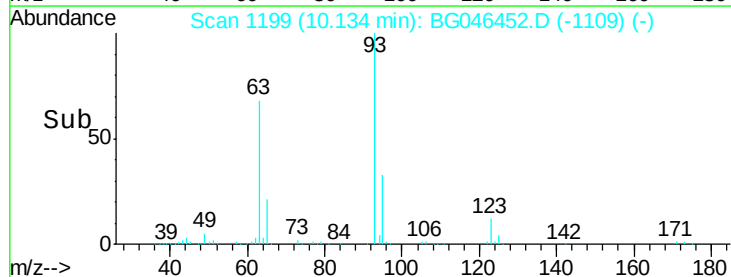
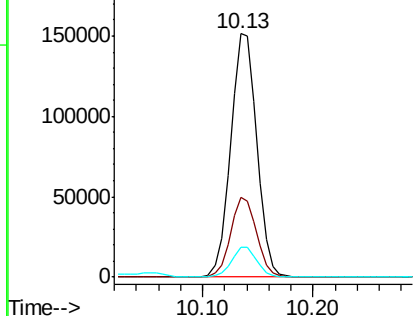


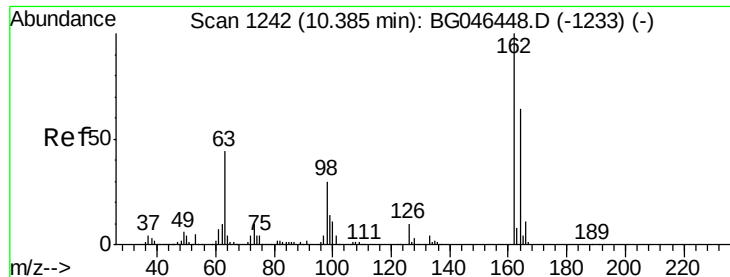
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.093 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	12.3	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

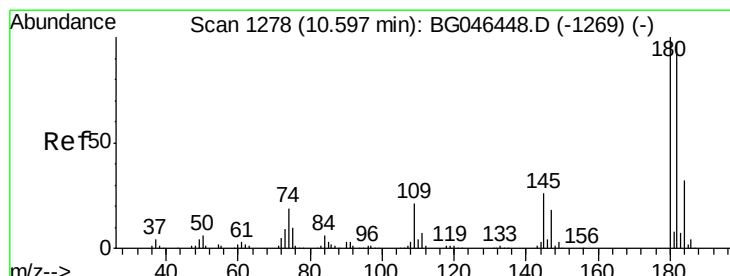
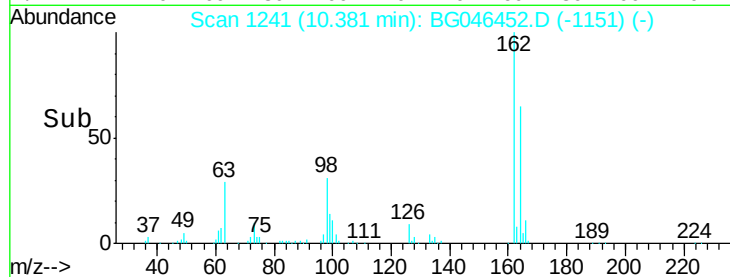
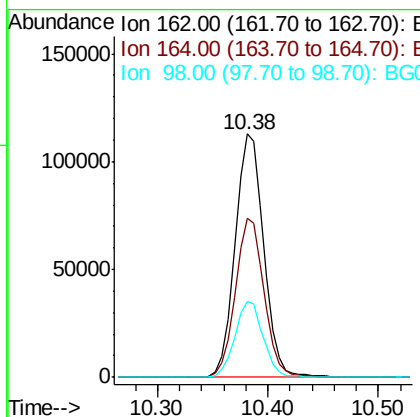
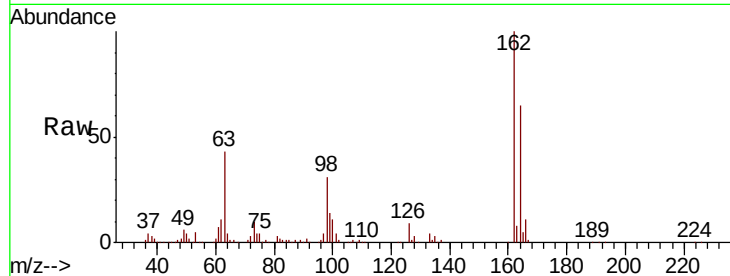




#29
 2,4-Dichlorophenol
 Concen: 37.301 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

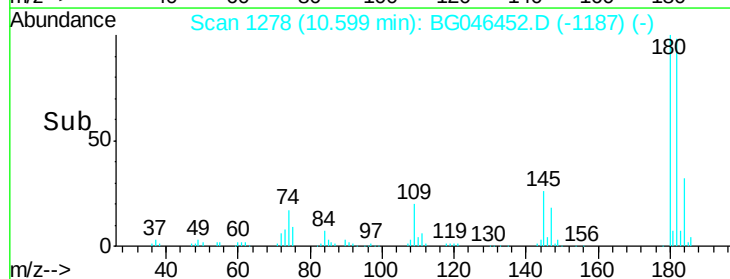
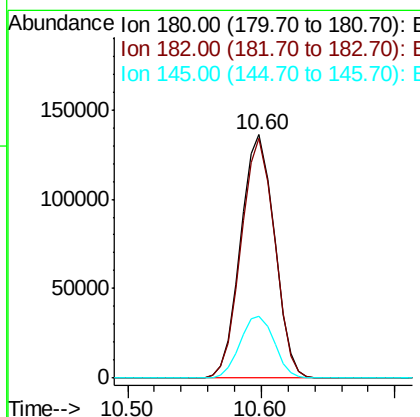
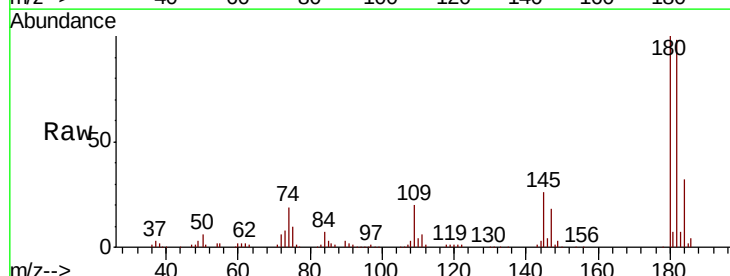
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

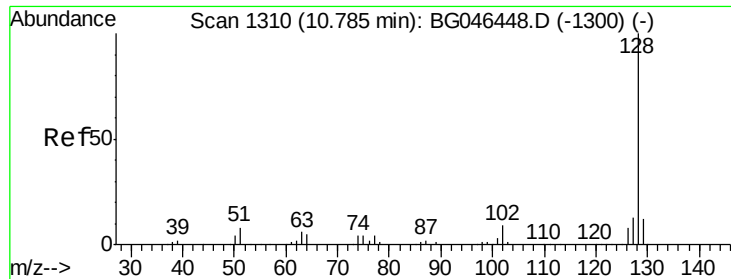
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.3	84.3
98	31.4	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.601 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.8	116.8
145	25.7	20.9	31.3

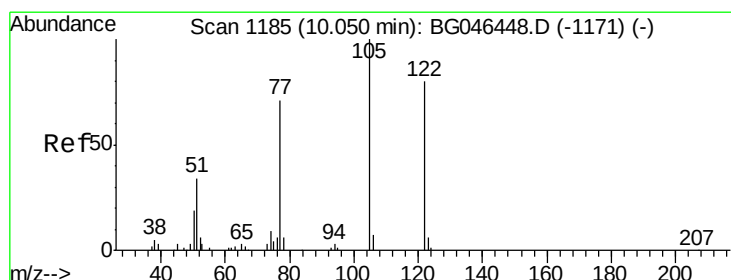
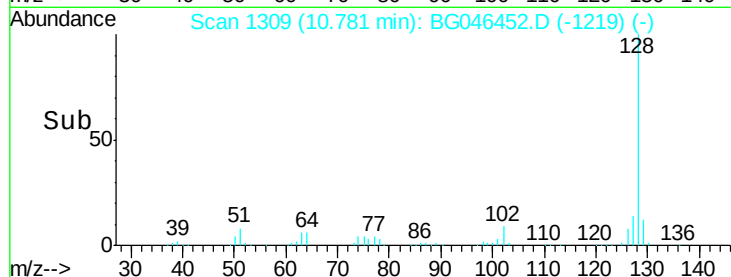
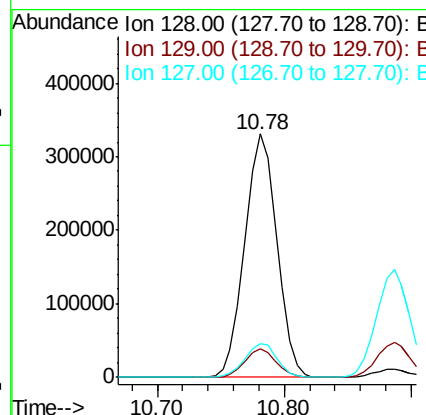
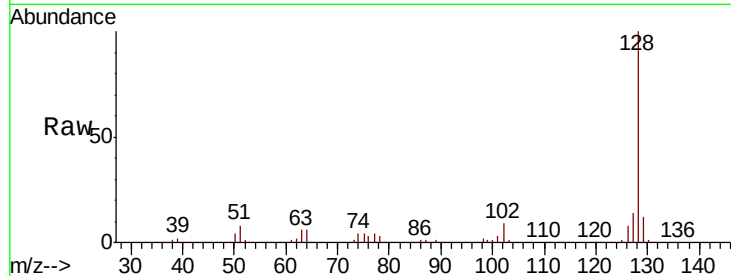




#31
Naphthalene
Concen: 36.368 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

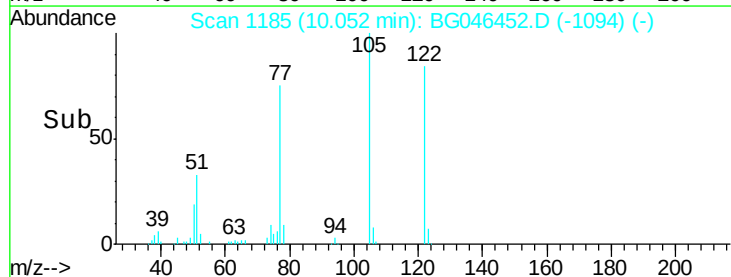
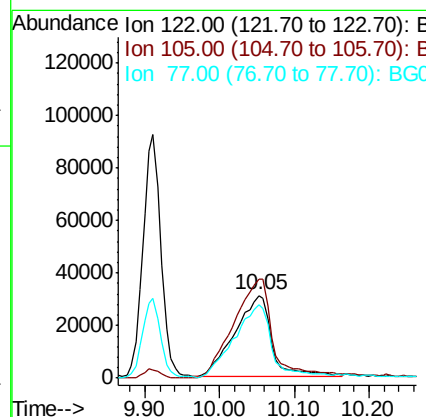
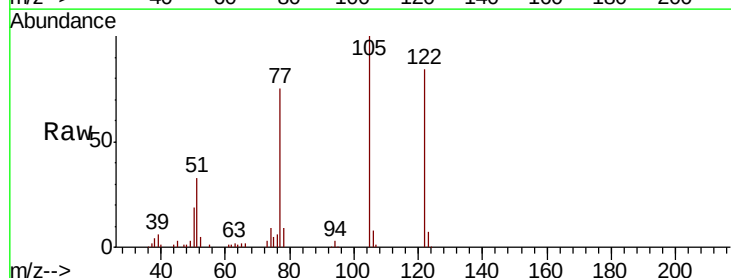
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

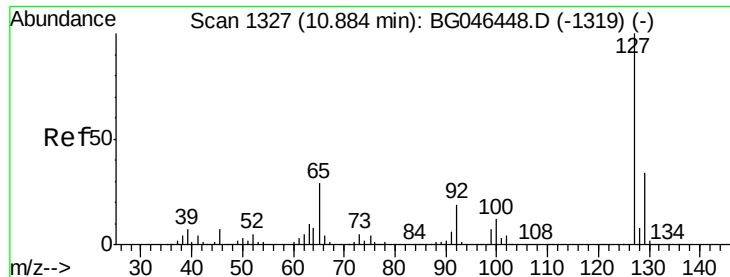
Tot Ion:128 Resp: 585226
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 10.7 16.1



#32
Benzoic acid
Concen: 37.793 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:122 Resp: 106662
Ion Ratio Lower Upper
122 100
105 119.6 102.5 142.5
77 89.5 68.2 108.2

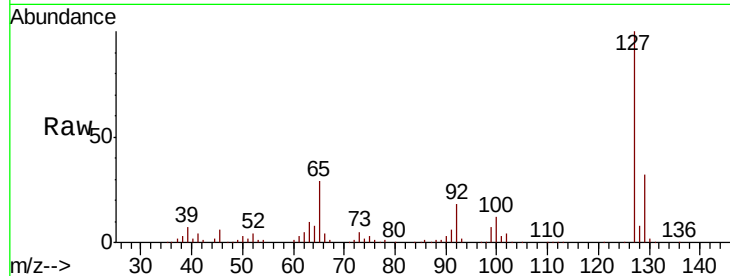




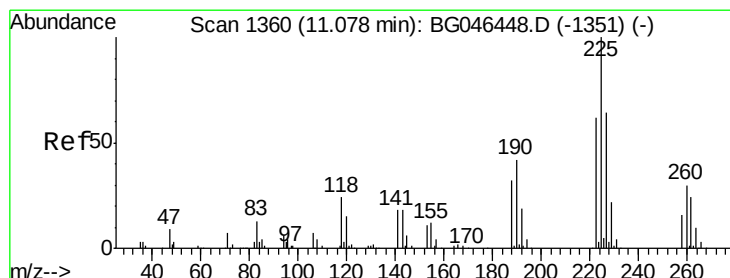
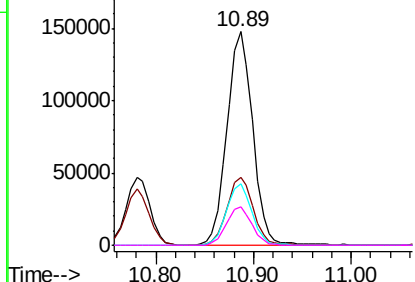
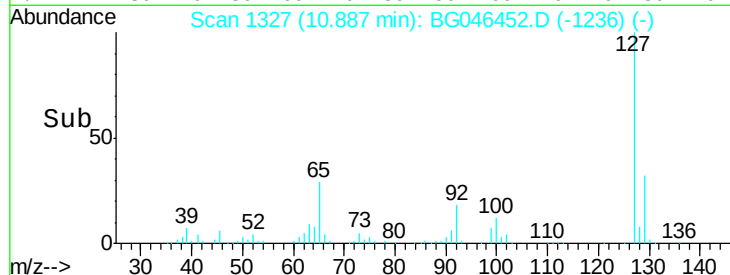
#33
4-Chloroaniline
Concen: 38.225 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Instrument :
BNA_G
ClientSampleId :
ICVBG082520

Tot Ion:	127	Resp:	271236
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.4
65	28.7	23.5	35.3
92	17.8	14.9	22.3

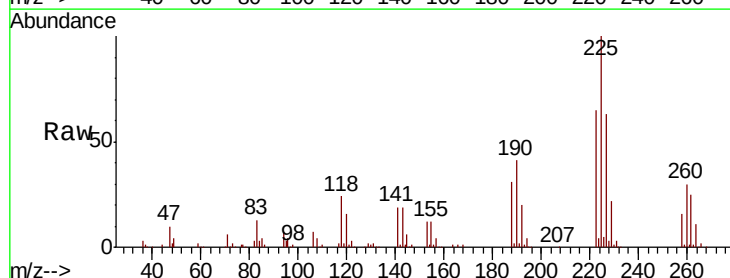


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

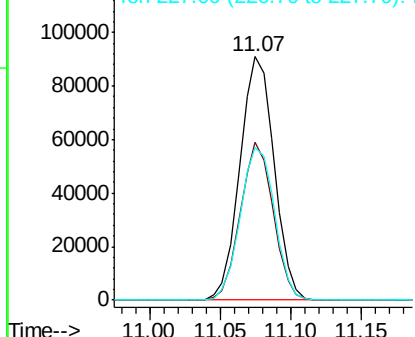
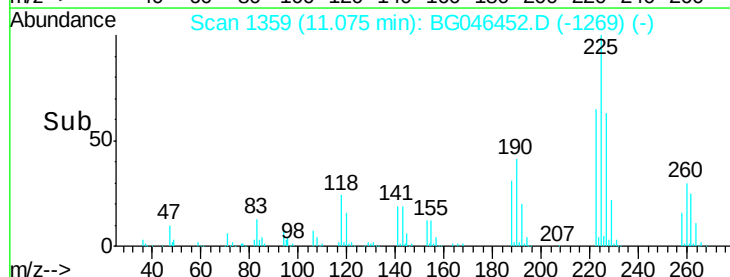


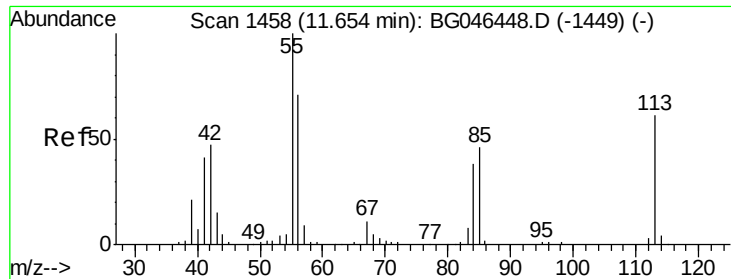
#34
Hexachlorobutadiene
Concen: 36.372 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:	225	Resp:	154387
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.9	74.9
227	62.6	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

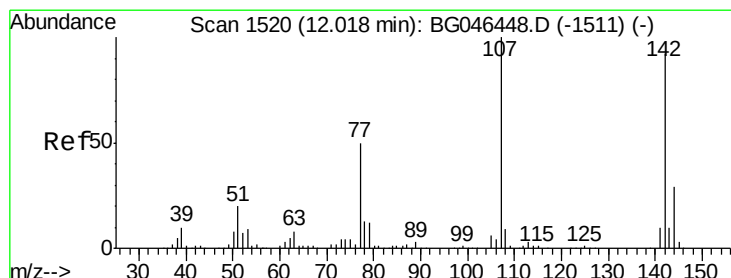
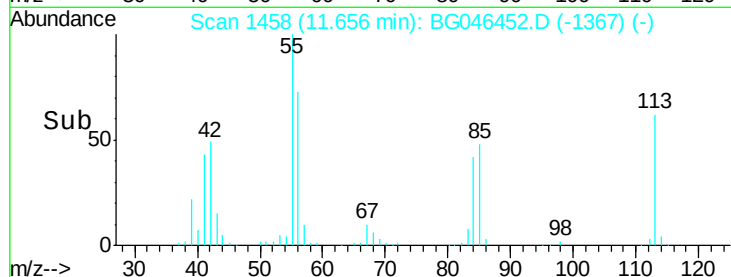
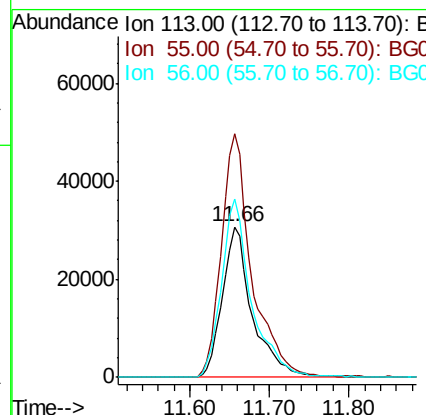
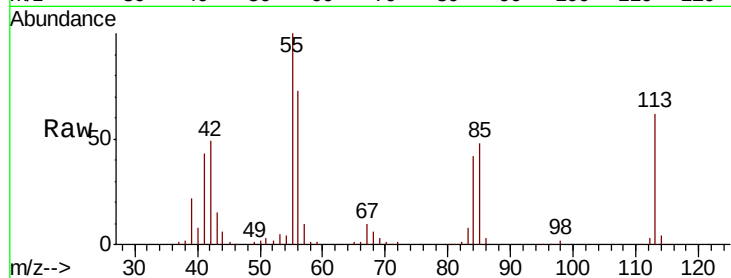




#35
 Caprolactam
 Concen: 38.941 ng
 RT: 11.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

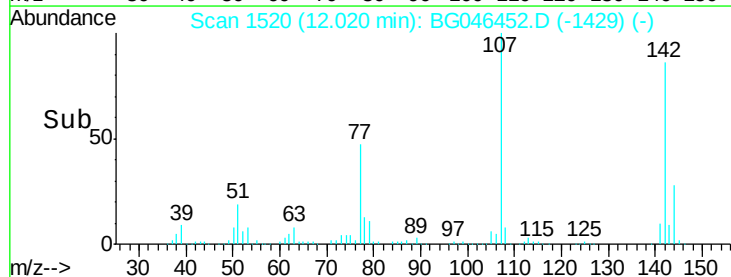
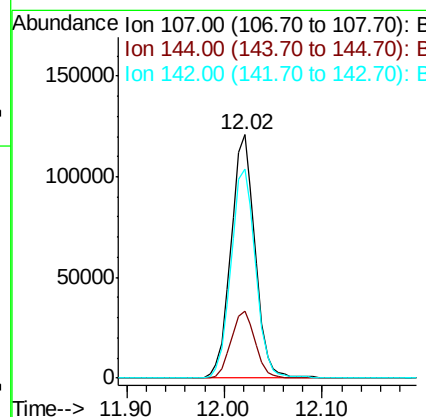
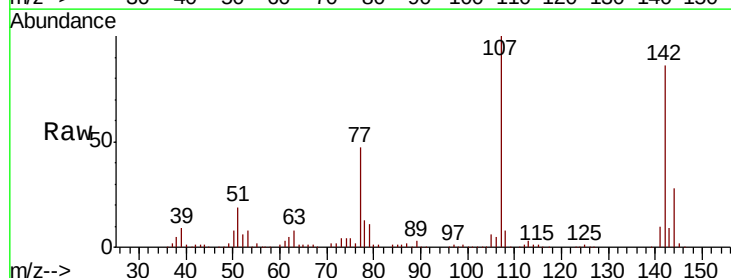
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

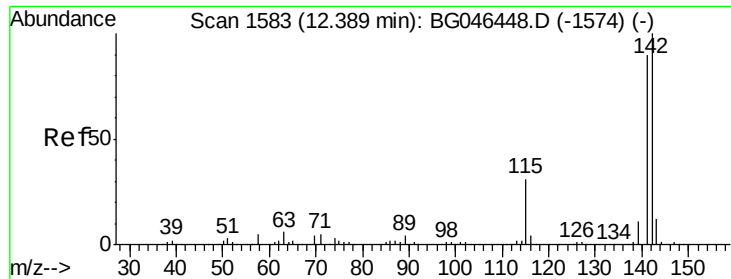
Tot Ion:113 Resp: 80219
 Ion Ratio Lower Upper
 113 100
 55 162.1 144.2 184.2
 56 118.5 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.403 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion:107 Resp: 206996
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.3 34.9
 142 85.9 73.7 110.5

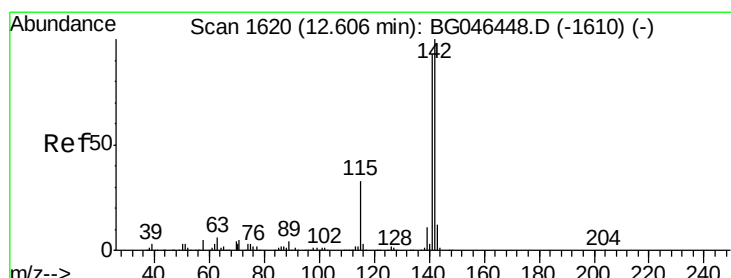
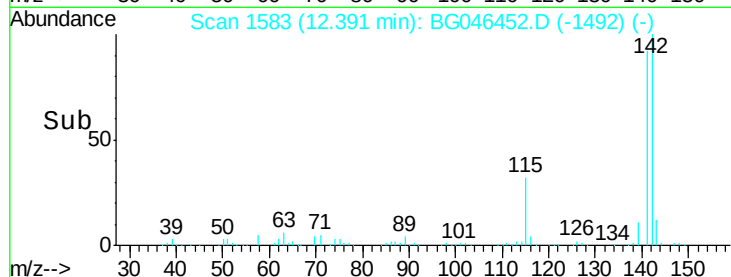
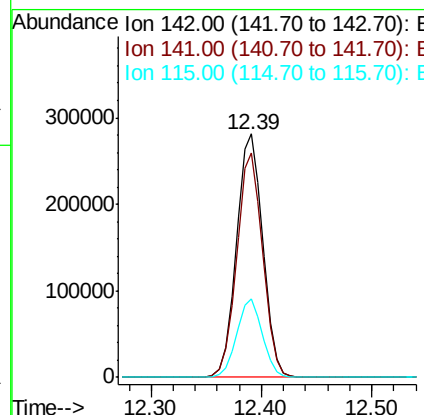
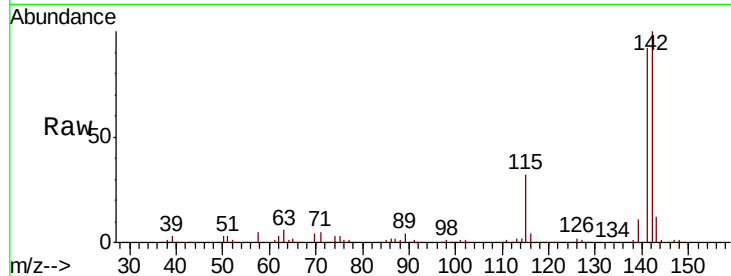




#37
2-Methylnaphthalene
Concen: 36.959 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

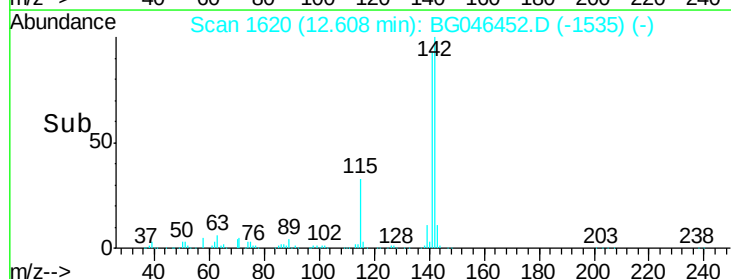
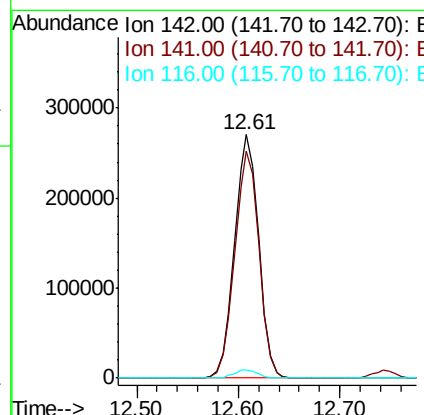
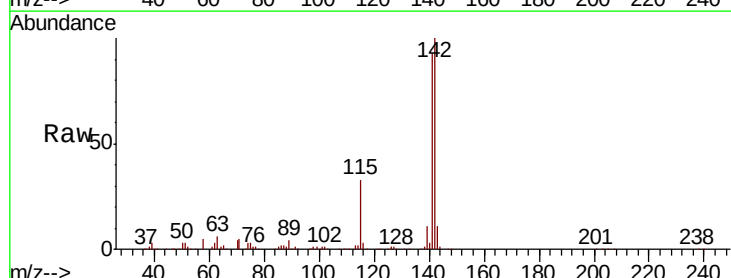
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

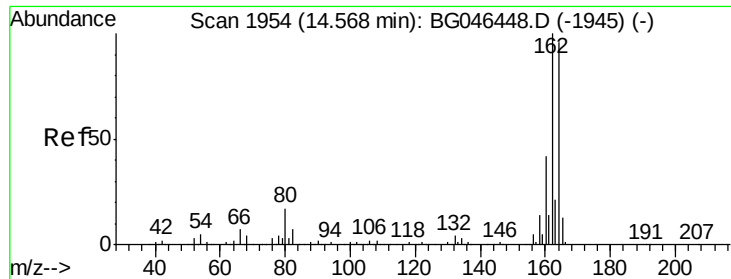
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.1	108.1
115	32.2	24.9	37.3



#38
1-Methylnaphthalene
Concen: 36.922 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

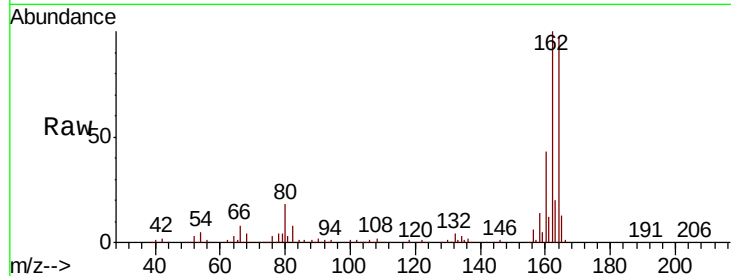
Tot Ion:164 Resp: 237657

Ion Ratio Lower Upper

164 100

162 103.4 83.3 124.9

160 44.6 35.0 52.6

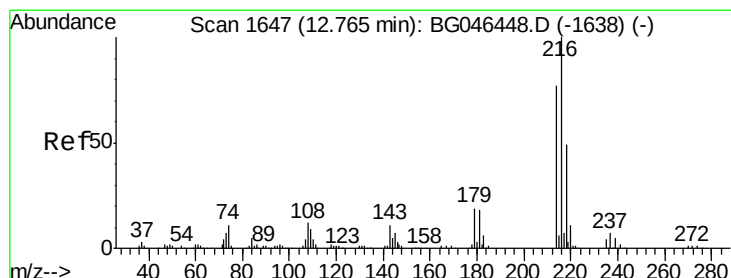
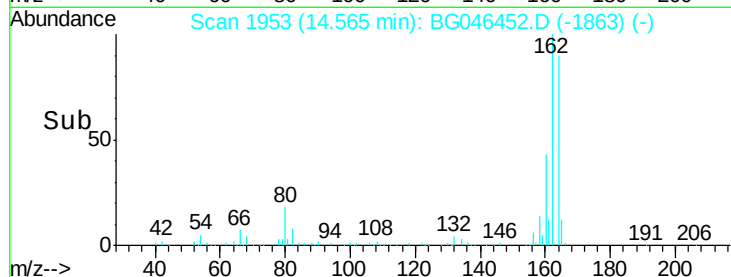
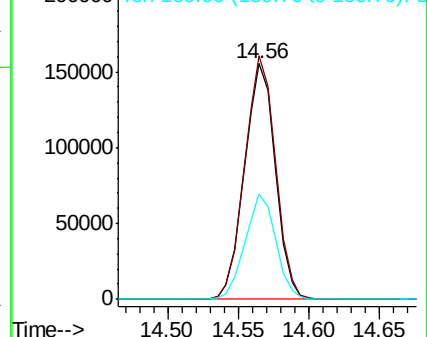


Abundance

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: 36.189 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Tgt Ion:216 Resp: 283612

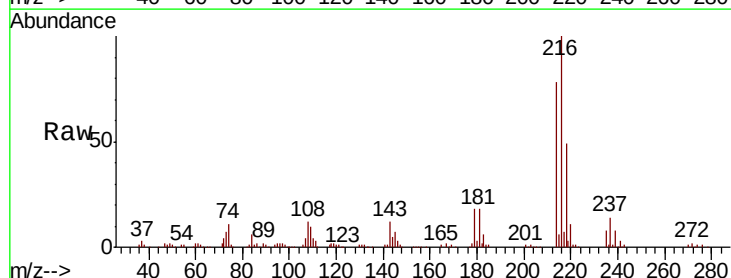
Ion Ratio Lower Upper

216 100

214 76.5 62.1 93.1

179 18.2 14.9 22.3

108 13.2 10.5 15.7



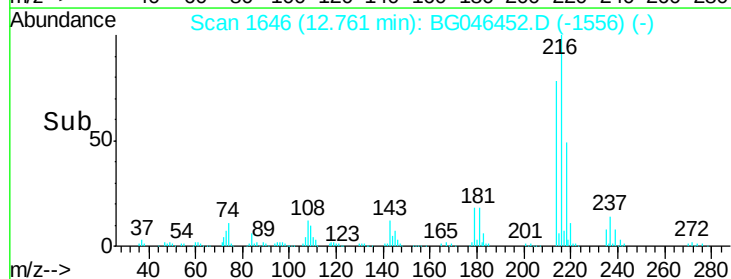
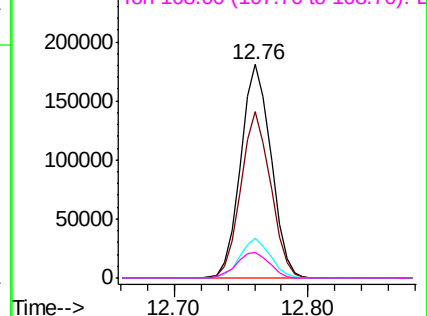
Abundance

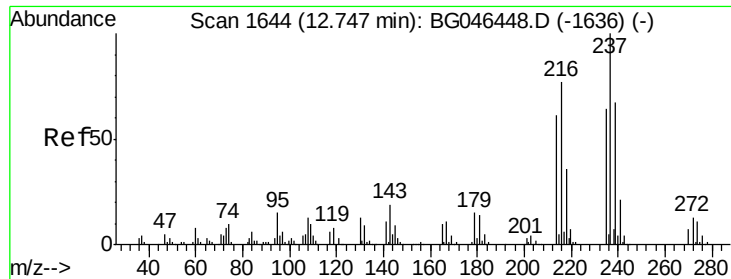
Ion 216.00 (215.70 to 216.70): E

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

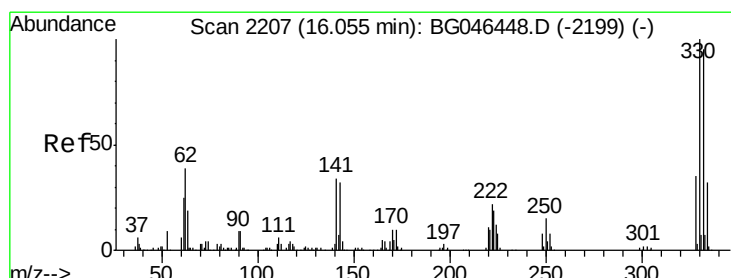
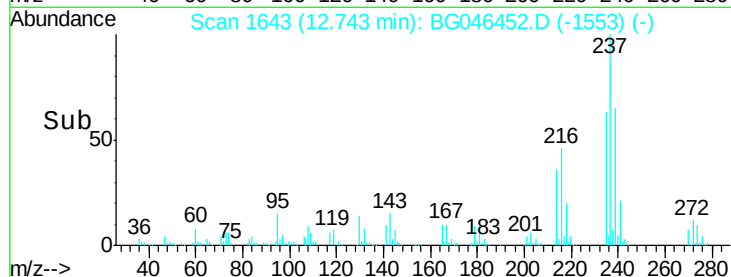
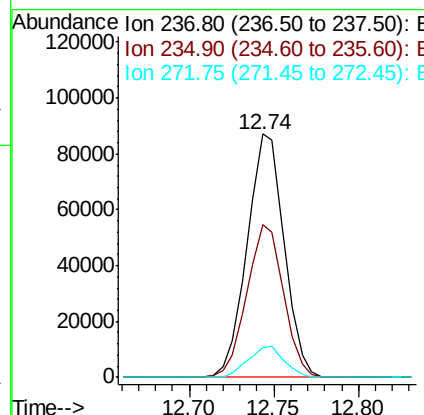
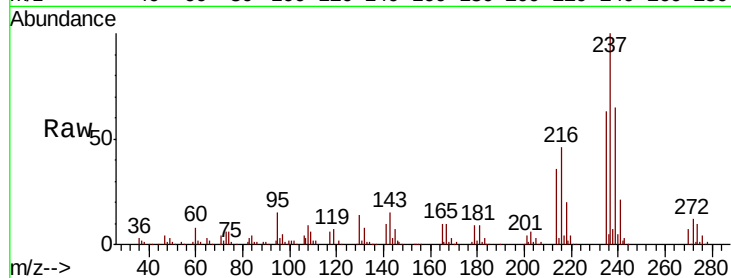




#41
Hexachlorocyclopentadiene
Concen: 38.889 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

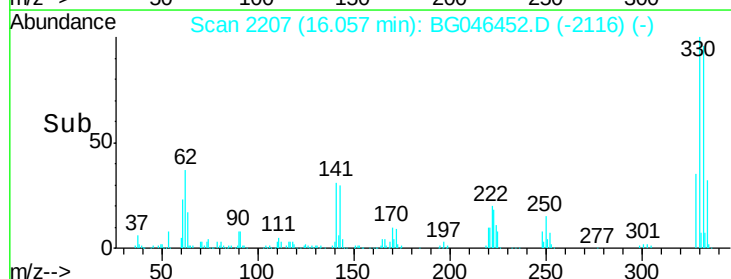
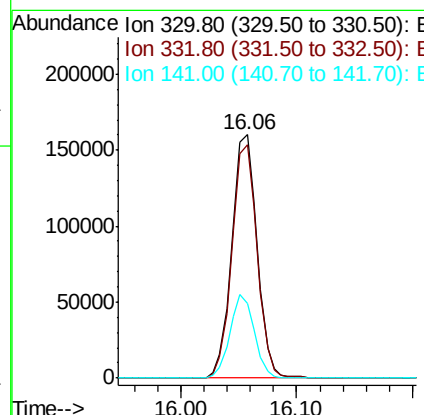
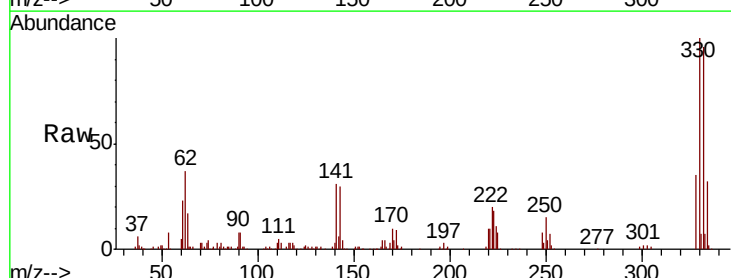
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

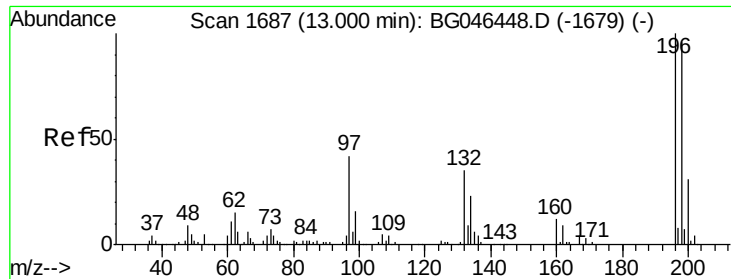
Tot Ion:237 Resp: 132522
Ion Ratio Lower Upper
237 100
235 62.9 44.5 84.5
272 12.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 75.346 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:330 Resp: 242622
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 33.2 26.1 39.1

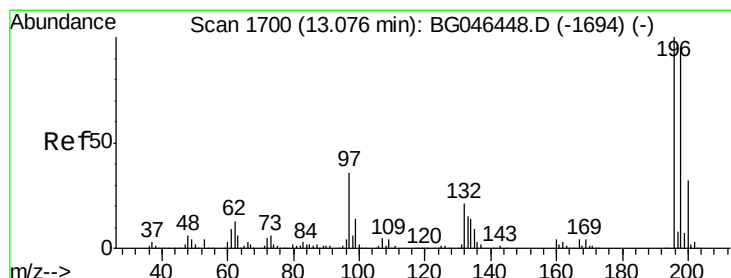
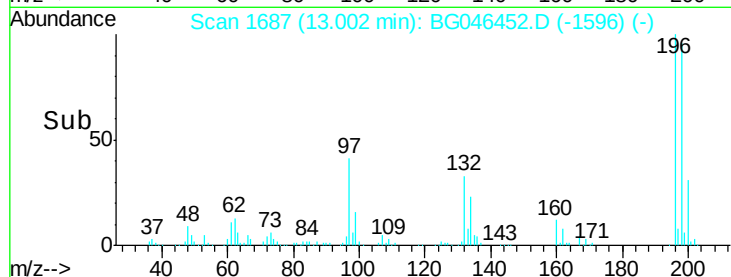
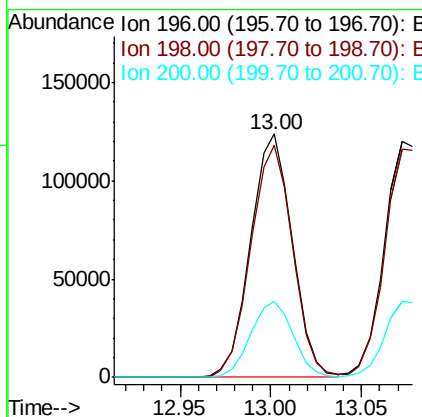
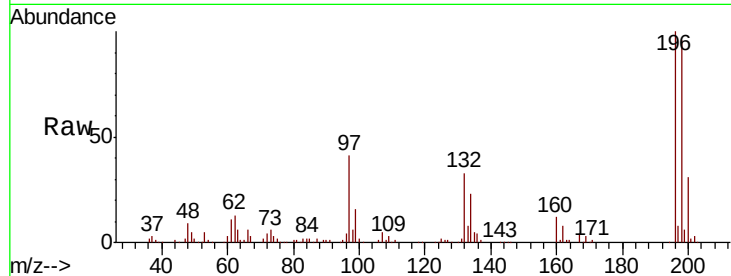




#43
 2,4,6-Trichlorophenol
 Concen: 37.307 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

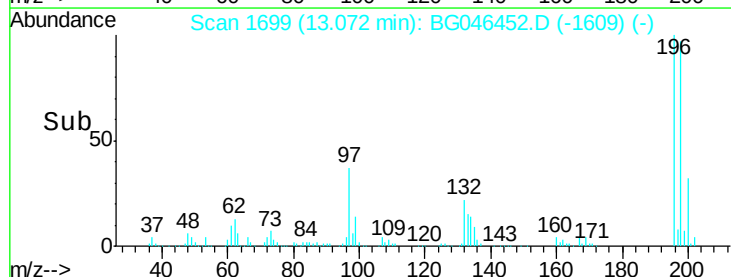
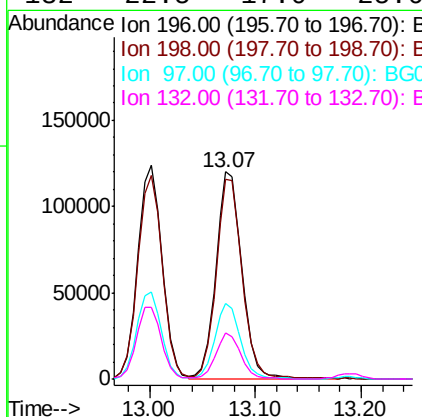
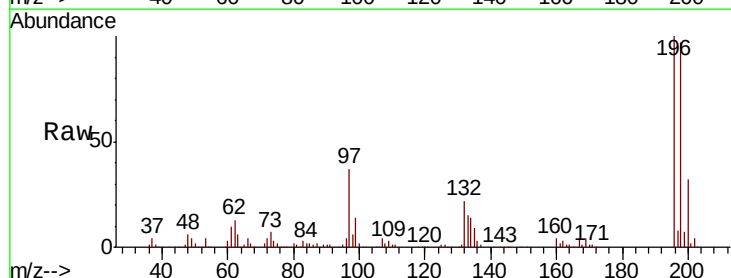
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

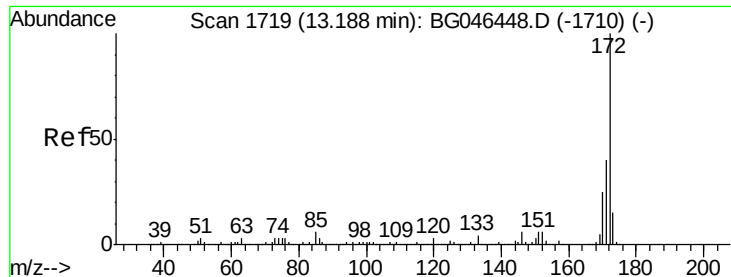
Tot Ion:196 Resp: 197304
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.0 115.6
 200 31.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.990 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion:196 Resp: 205538
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.6 113.4
 97 36.5 28.6 43.0
 132 22.5 17.0 25.6



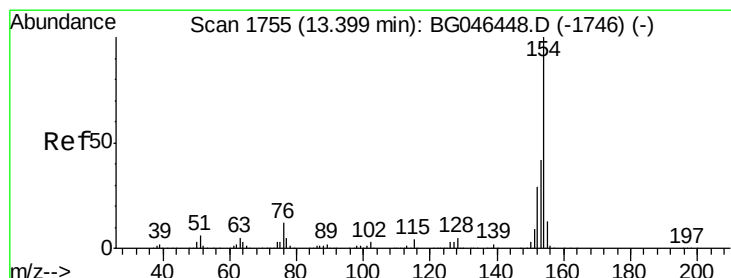
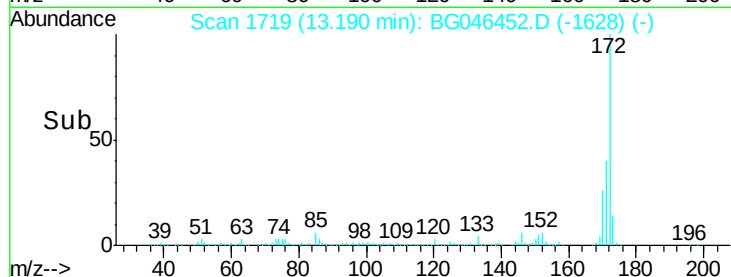
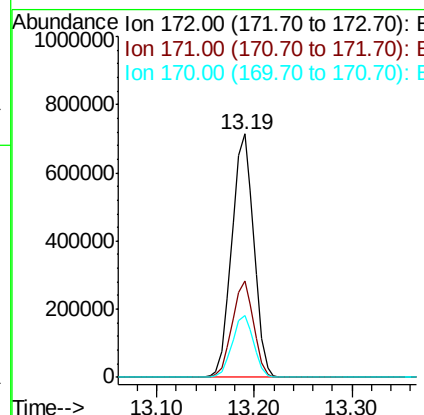
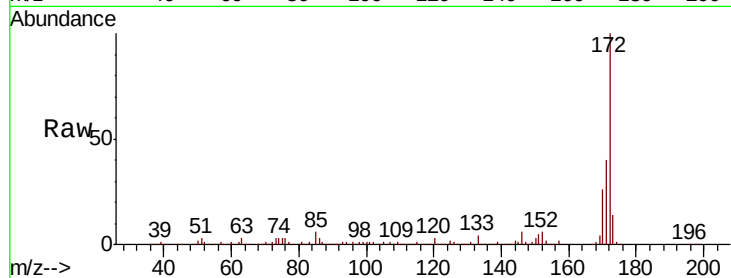


#45
 2-Fluorobiphenyl
 Concen: 71.387 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Tot Ion:172 Resp: 1111355

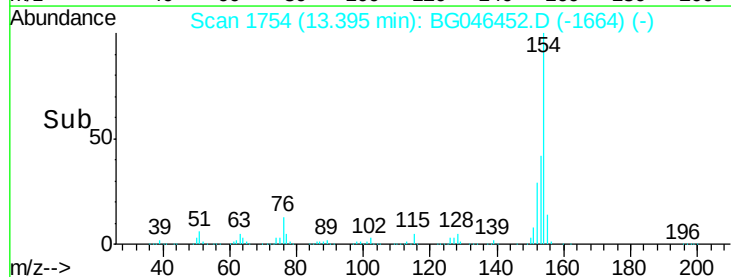
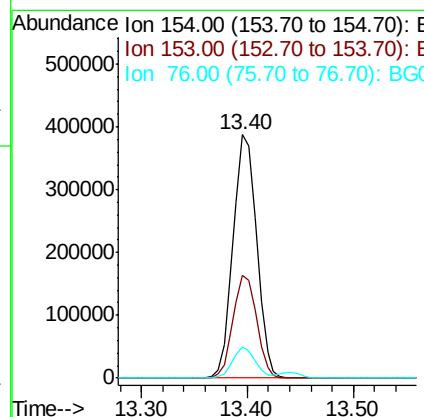
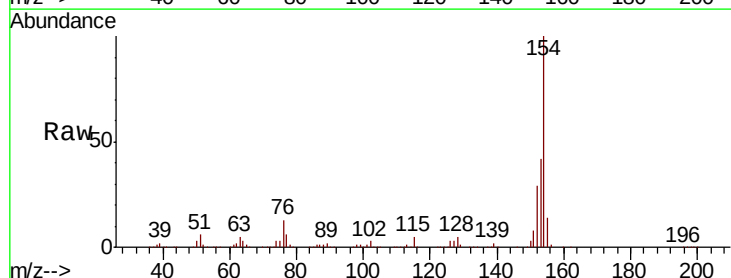
Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.8	47.6
170	25.6	20.3	30.5

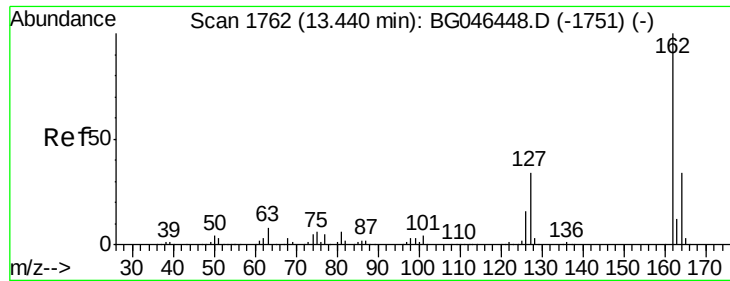


#46
 1,1'-Biphenyl
 Concen: 36.048 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion:154 Resp: 596046

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.0	62.0
76	12.9	0.0	32.3

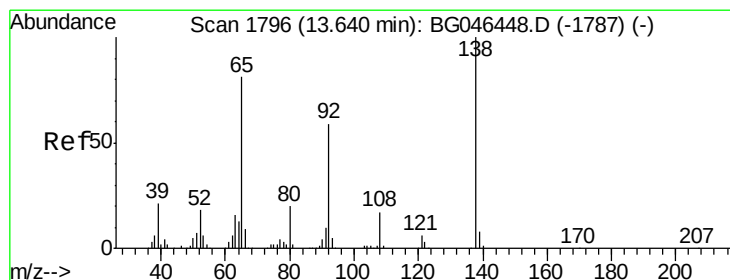
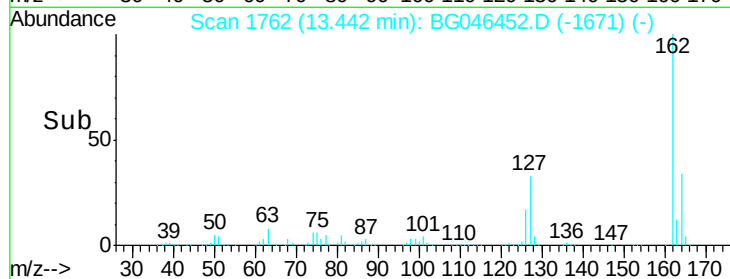
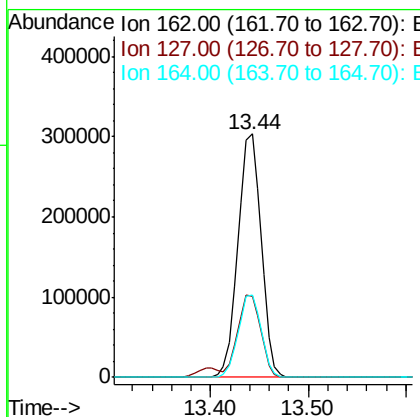
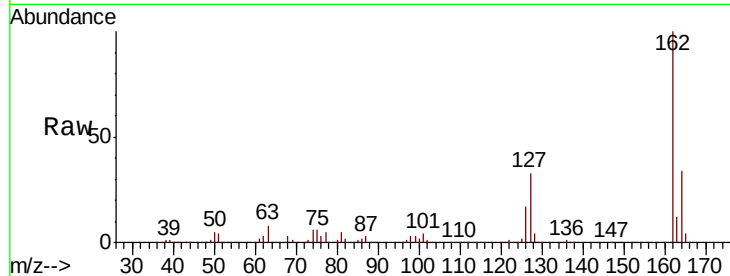




#47
 2-Chloronaphthalene
 Concen: 35.851 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

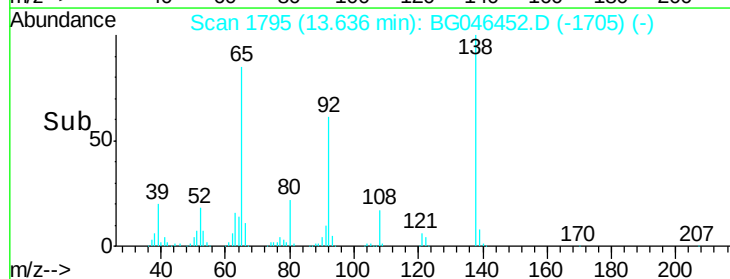
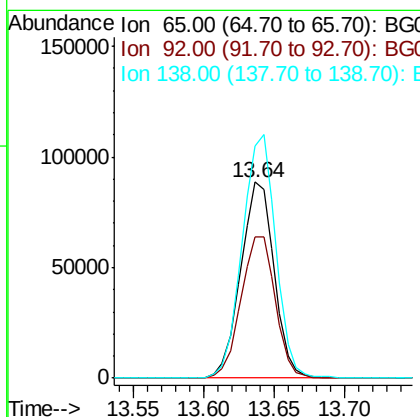
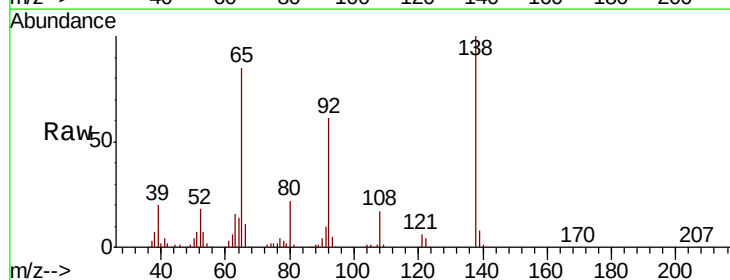
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

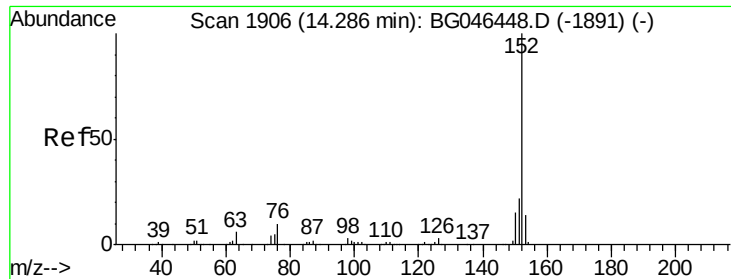
Tot Ion:	162	Resp:	502602
Ion	Ratio	Lower	Upper
162	100		
127	33.2	27.6	41.4
164	33.7	27.3	40.9



#48
 2-Nitroaniline
 Concen: 37.871 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion:	65	Resp:	147424
Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.5	87.7
138	118.2	98.4	147.6





#49

Acenaphthylene

Concen: 36.434 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

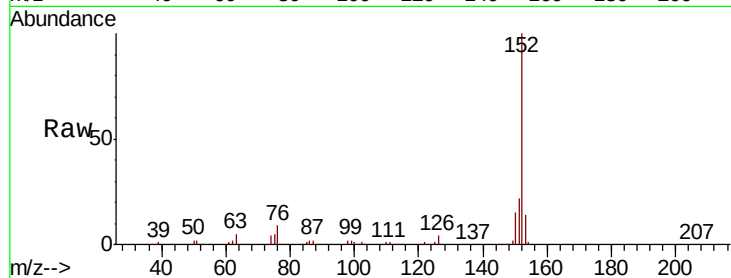
Tot Ion:152 Resp: 774799

Ion Ratio Lower Upper

152 100

151 22.1 17.7 26.5

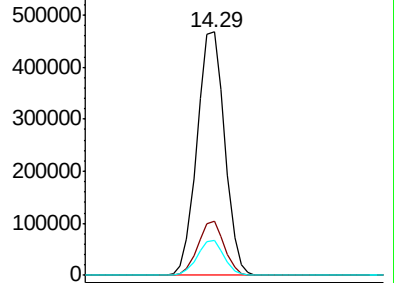
153 14.1 11.2 16.8



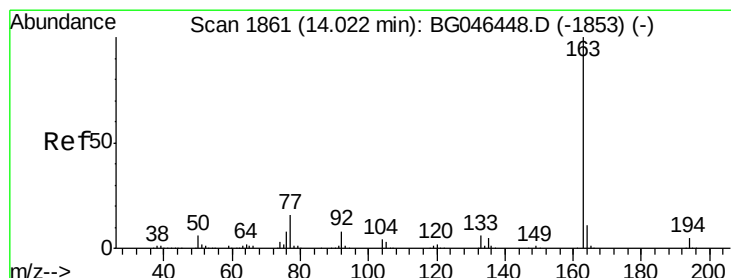
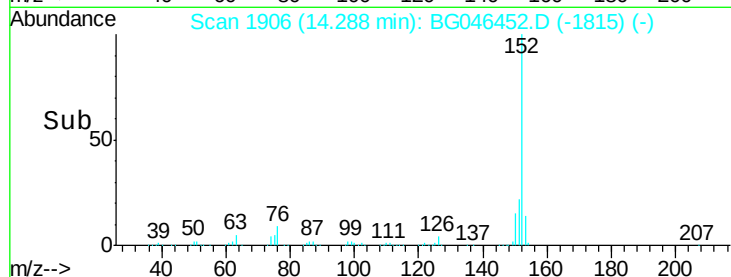
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 36.416 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

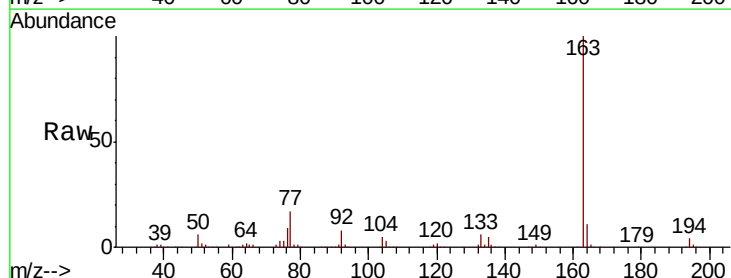
Tgt Ion:163 Resp: 669554

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

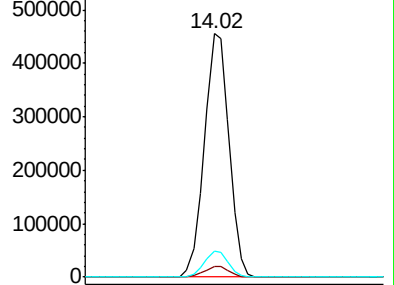
164 10.6 8.6 12.8



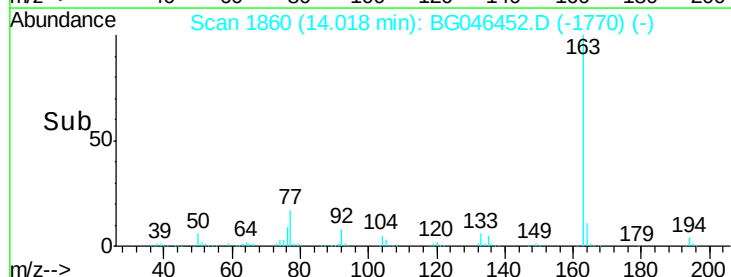
Abundance Ion 163.00 (162.70 to 163.70): E

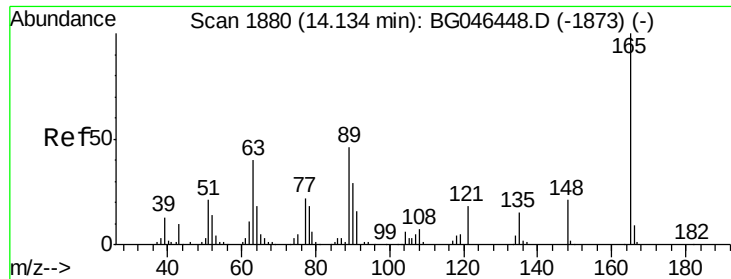
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

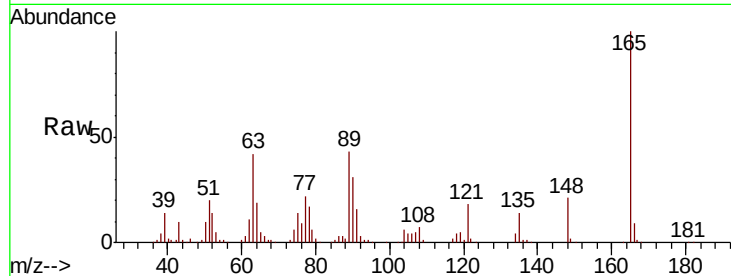




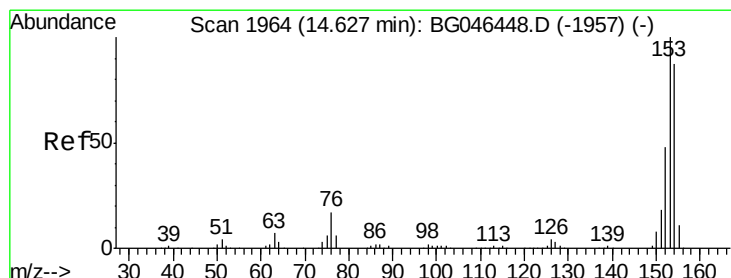
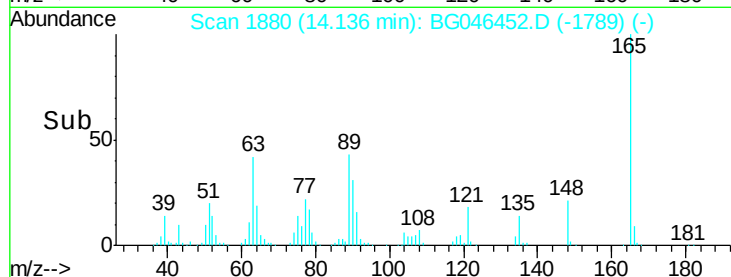
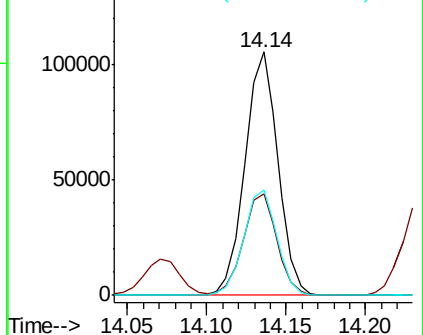
#51
 2,6-Dinitrotoluene
 Concen: 37.570 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	34.2	51.4
89	43.1	37.0	55.4

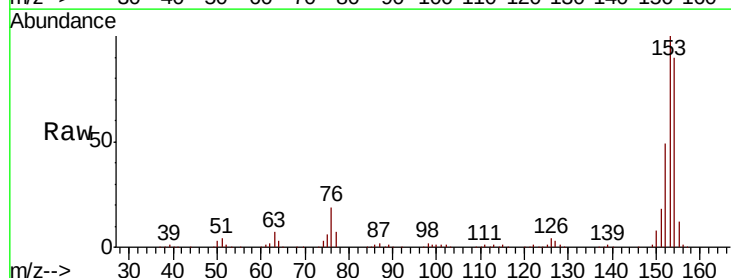


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

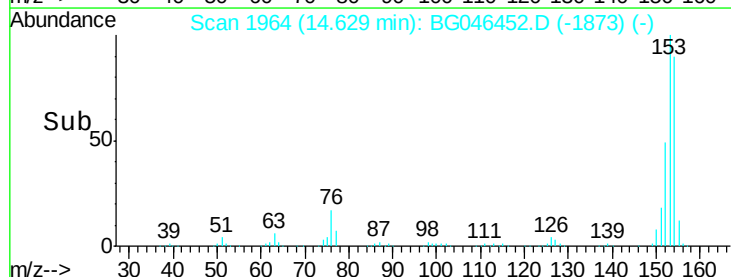
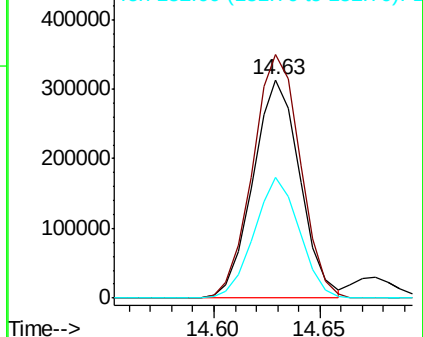


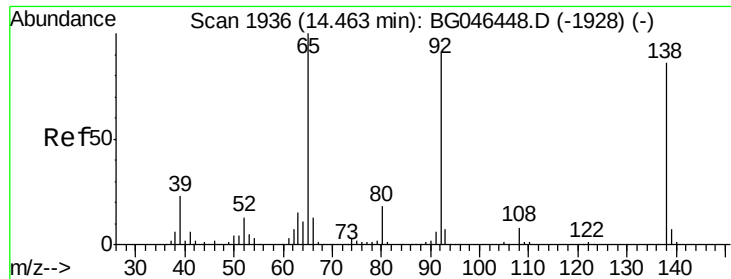
#52
 Acenaphthene
 Concen: 36.679 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.9	137.9
152	55.2	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: 37.900 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

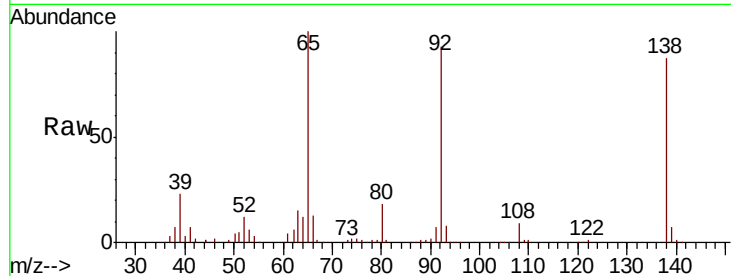
Tot Ion:138 Resp: 166388

Ion Ratio Lower Upper

138 100

108 9.8 7.0 10.6

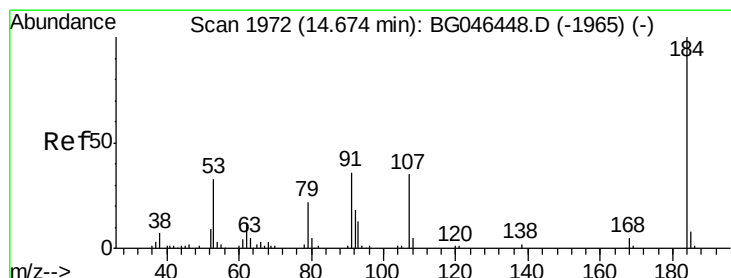
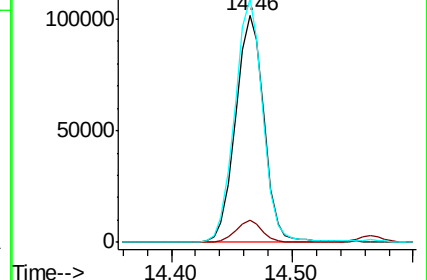
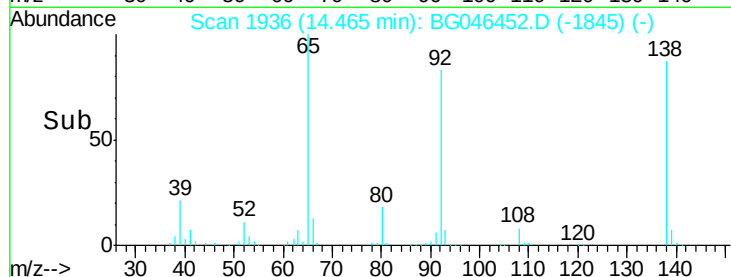
92 107.5 84.6 127.0



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): BGC



#54

2,4-Dinitrophenol

Concen: 41.603 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

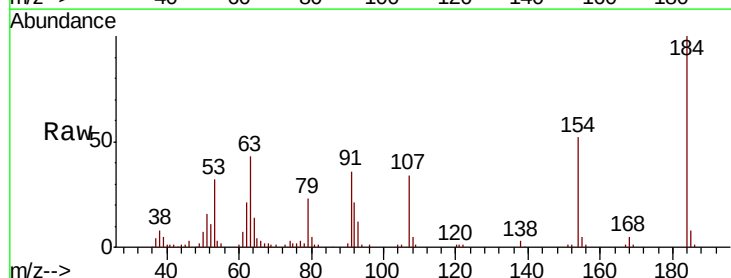
Tgt Ion:184 Resp: 98423

Ion Ratio Lower Upper

184 100

63 43.2 35.6 53.4

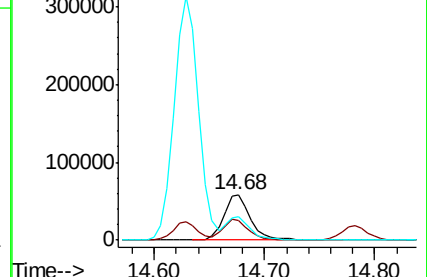
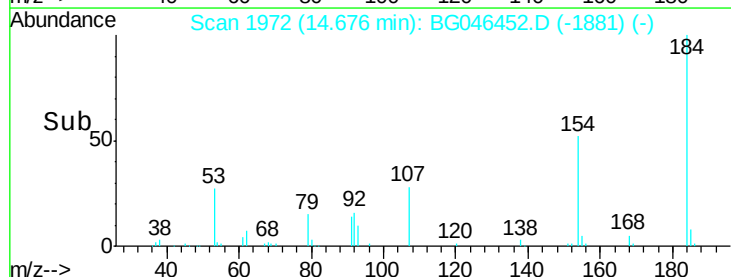
154 52.3 44.3 66.5

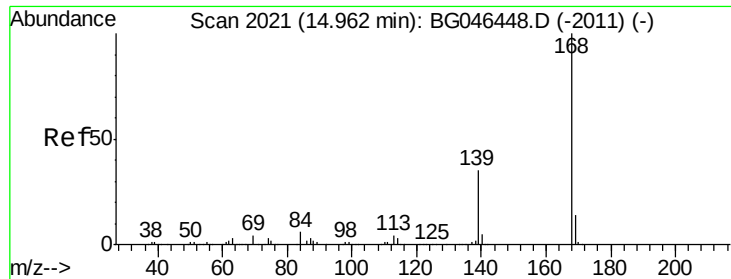


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

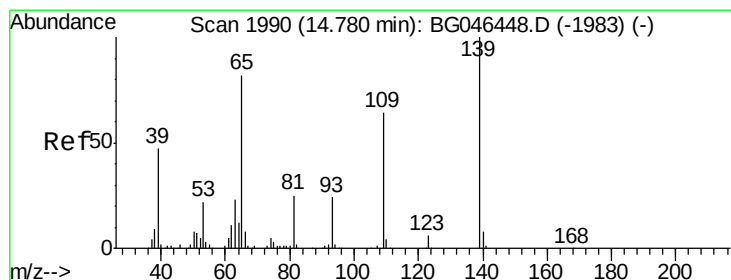
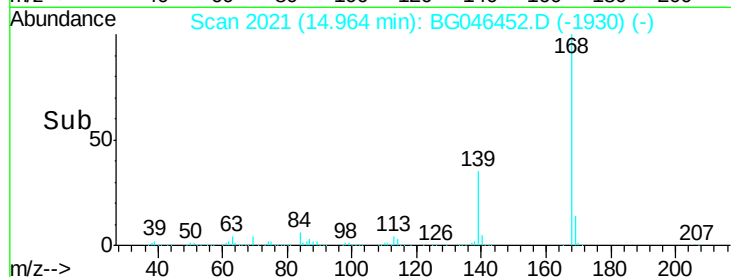
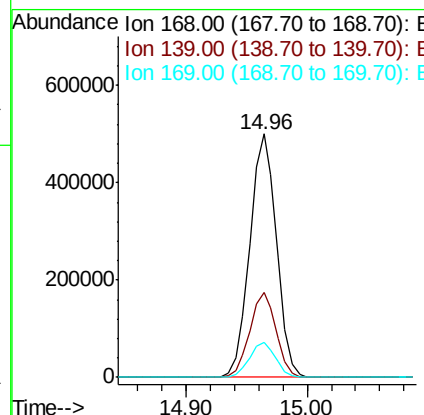
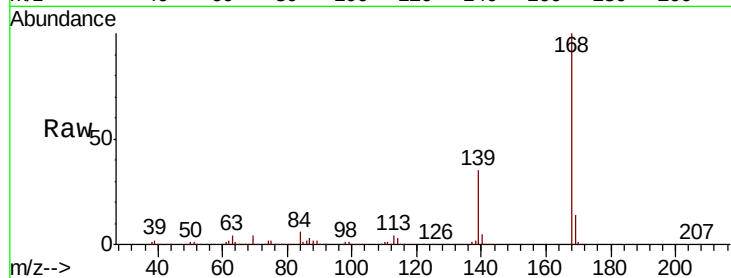




#55
Dibenzenofuran
Concen: 36.334 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

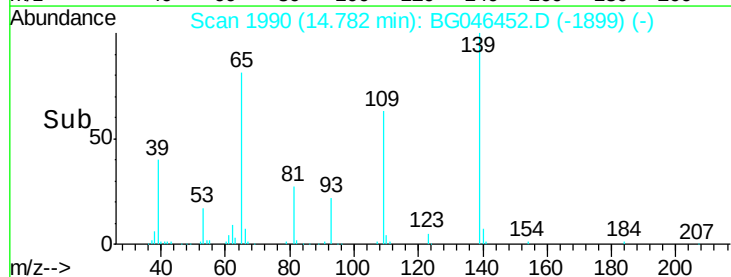
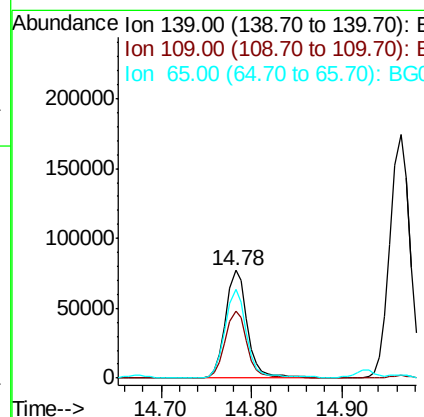
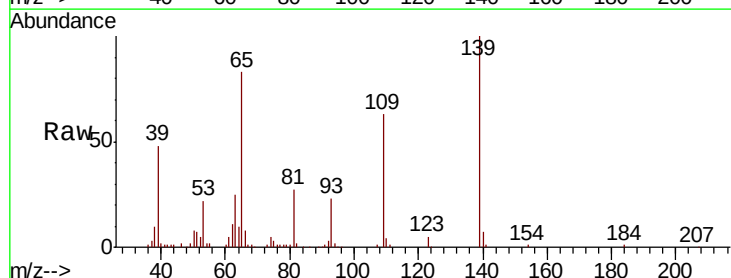
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

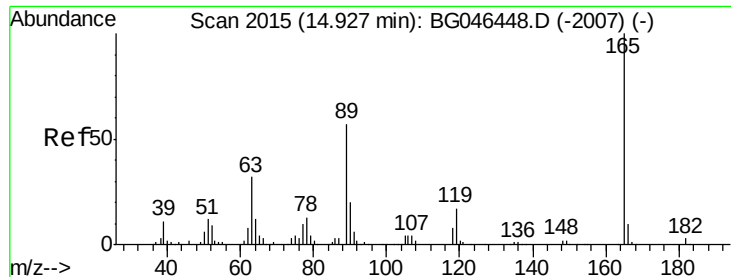
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	28.1	42.1
169	14.3	11.5	17.3



#56
4-Nitrophenol
Concen: 40.310 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	44.3	84.3
65	82.7	61.5	101.5





#57

2,4-Dinitrotoluene

Concen: 38.132 ng

RT: 14.93 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

Tot Ion:165 Resp: 220365

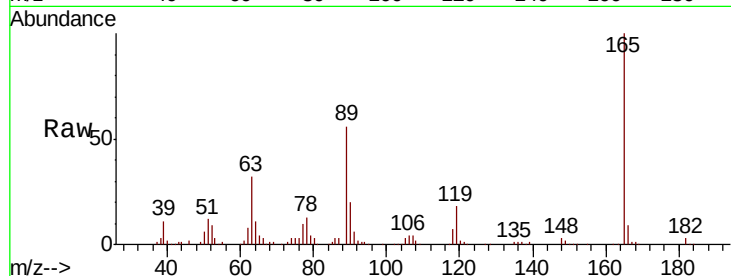
Ion Ratio Lower Upper

165 100

63 31.5 25.4 38.0

89 56.5 45.9 68.9

182 3.2 2.3 3.5

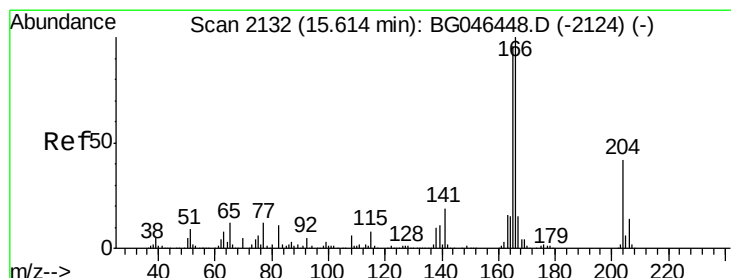
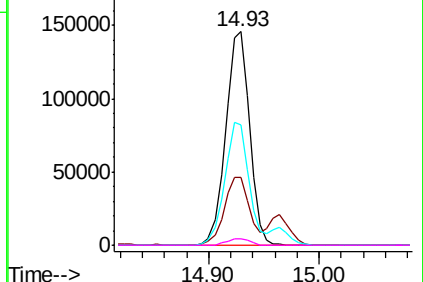
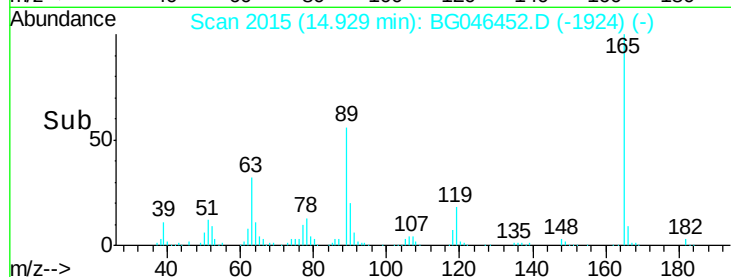


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.060 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

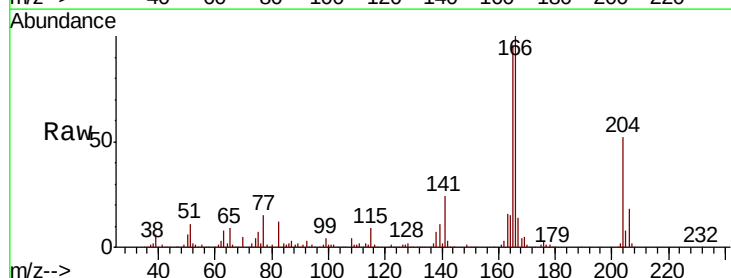
Tgt Ion:166 Resp: 640067

Ion Ratio Lower Upper

166 100

165 96.2 77.0 115.4

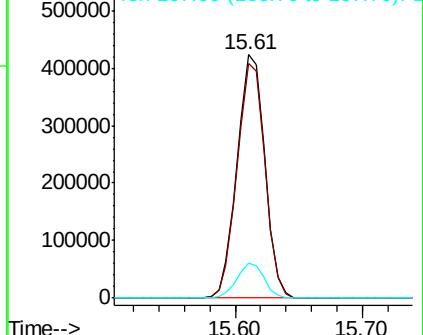
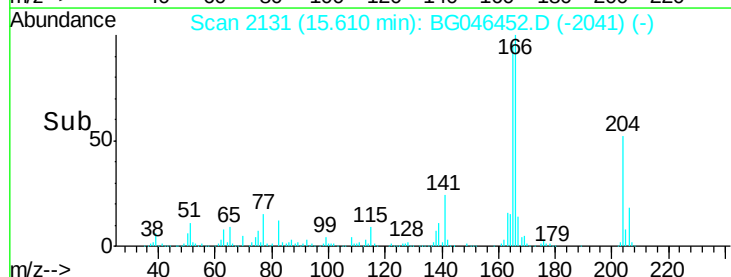
167 14.4 11.8 17.6

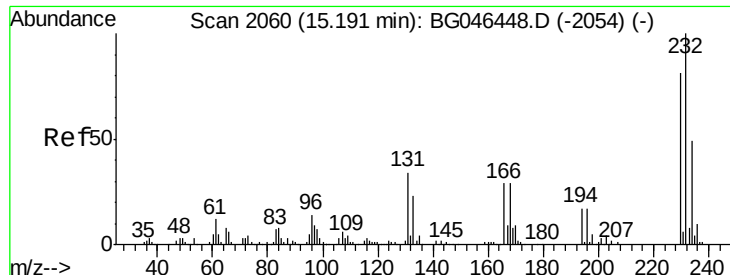


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

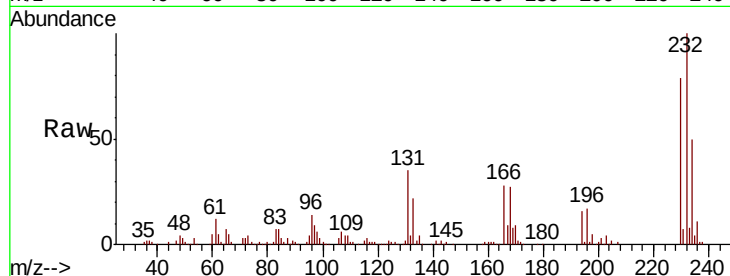




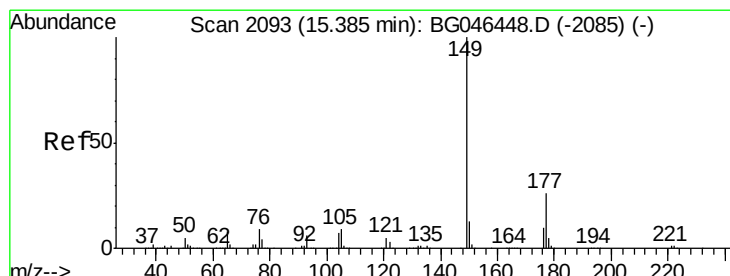
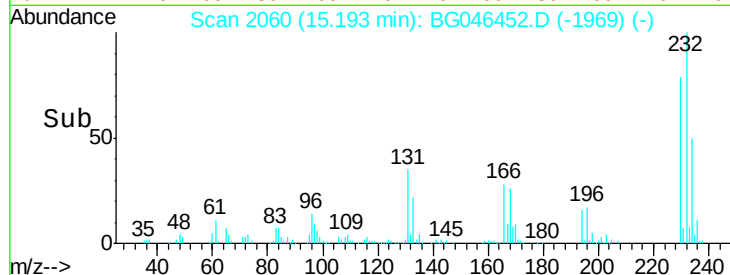
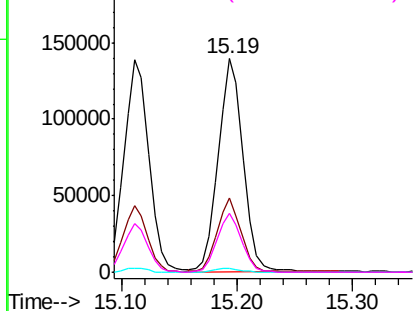
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.381 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

Tot Ion:232	Resp:	207098	
Ion Ratio	Lower	Upper	
232 100			
131 33.5	26.8	40.2	
130 1.9	1.4	2.2	
166 27.0	22.8	34.2	

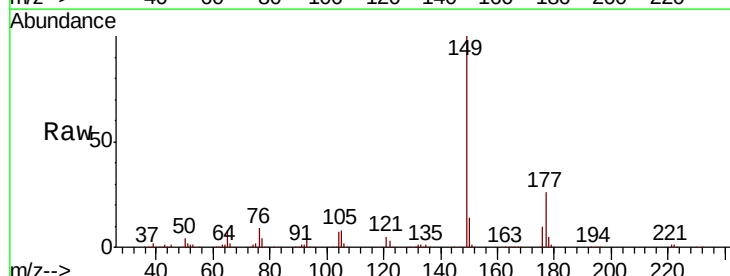


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

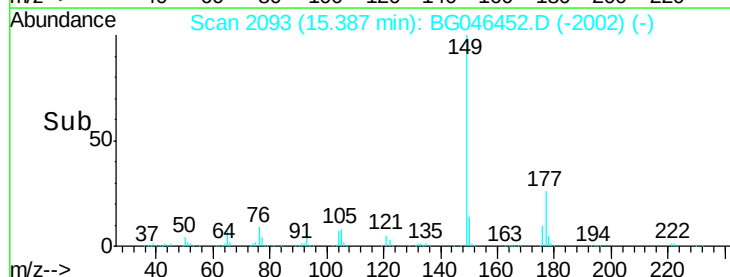
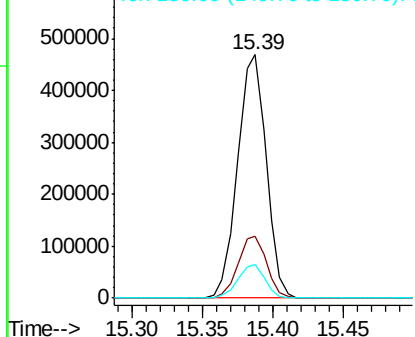


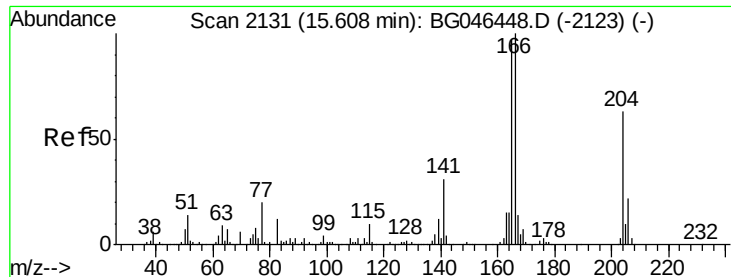
#60
 Diethylphthalate
 Concen: 36.993 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion	149	Resp: Lower	663150 Upper
149	100		
177	25.5	20.6	30.8
150	13.6	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

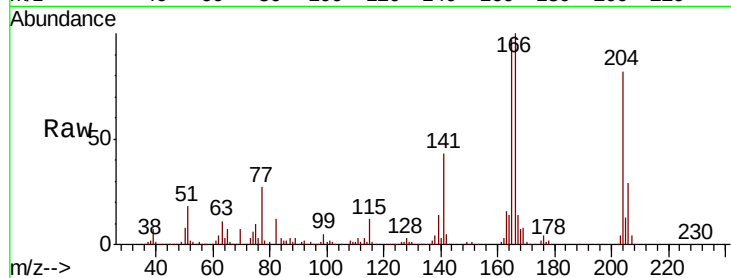




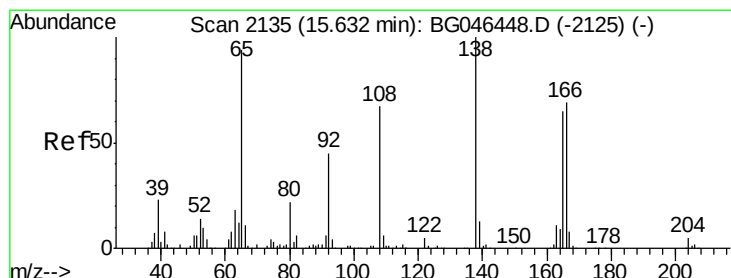
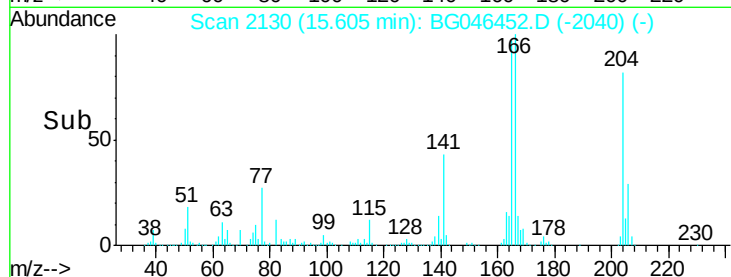
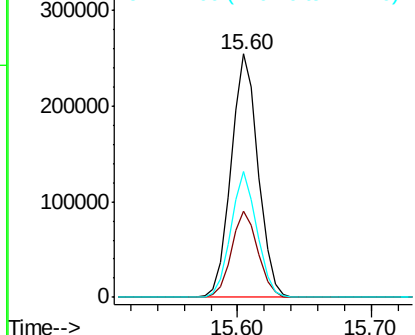
#61
4-Chlorophenyl-phenylether
Concen: 36.560 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Instrument :
BNA_G
ClientSampleId :
ICVBG082520

Tot Ion:204 Resp: 357400
Ion Ratio Lower Upper
204 100
206 35.3 27.7 41.5
141 51.8 38.7 58.1

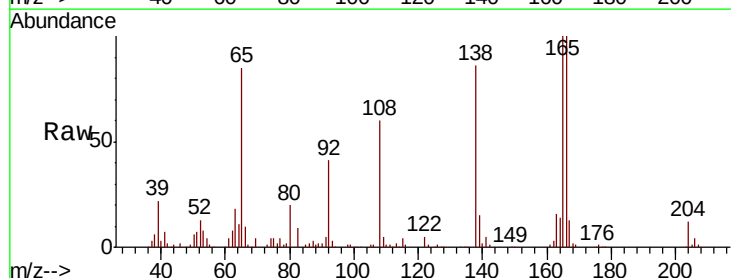


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

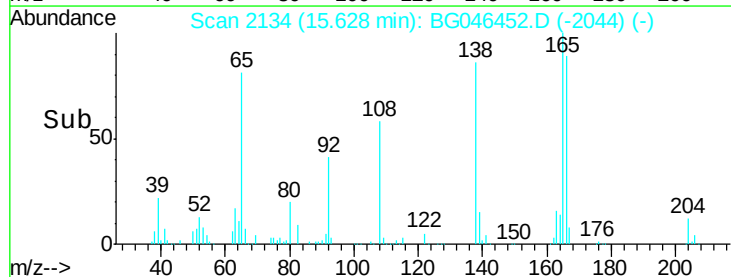
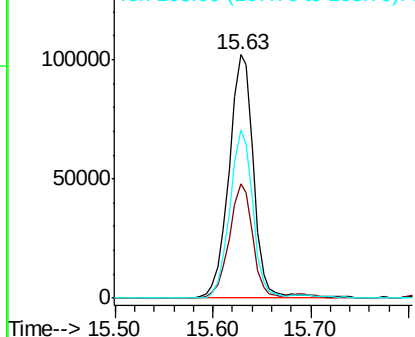


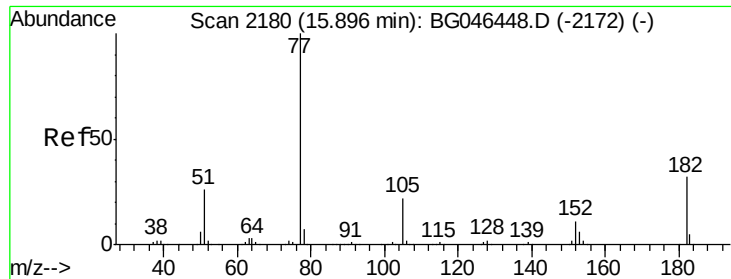
#62
4-Nitroaniline
Concen: 38.425 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:138 Resp: 177997
Ion Ratio Lower Upper
138 100
92 47.2 25.3 65.3
108 69.1 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

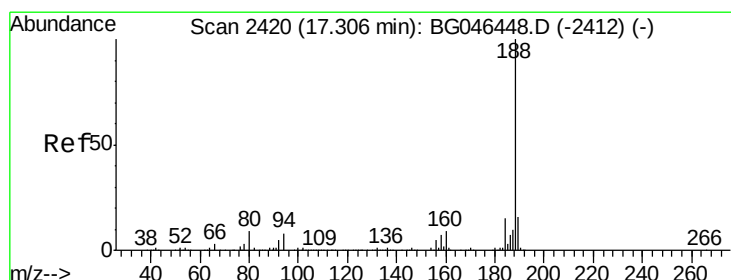
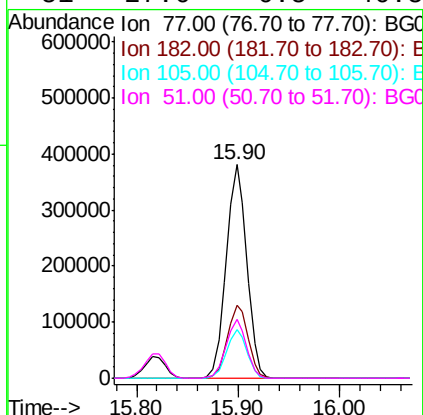
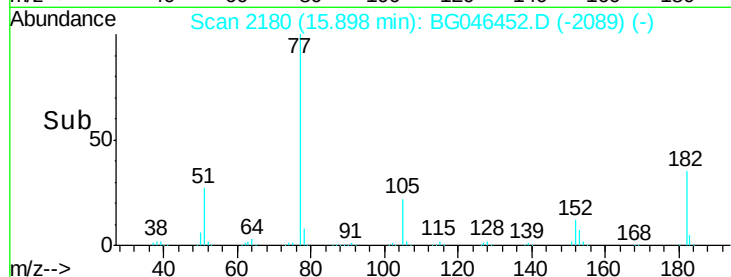
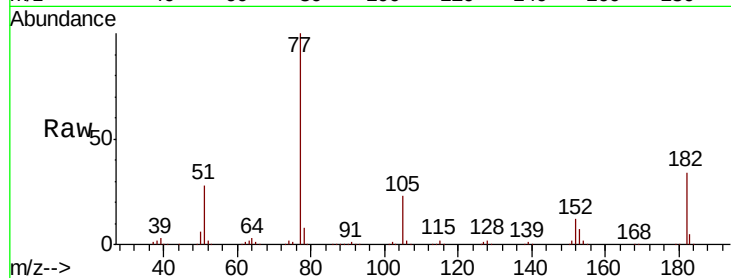




#63
Azobenzene
Concen: 36.694 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

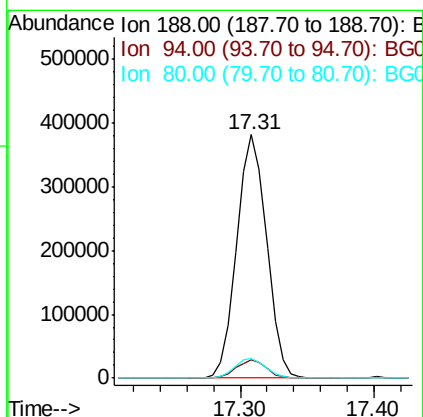
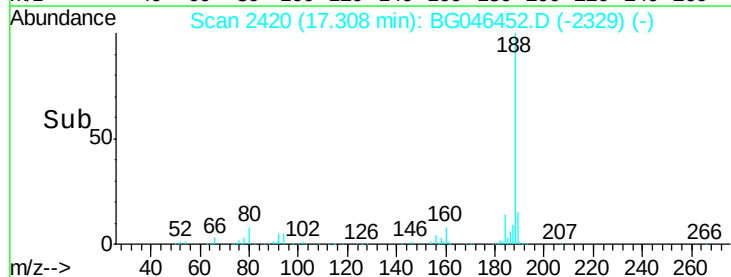
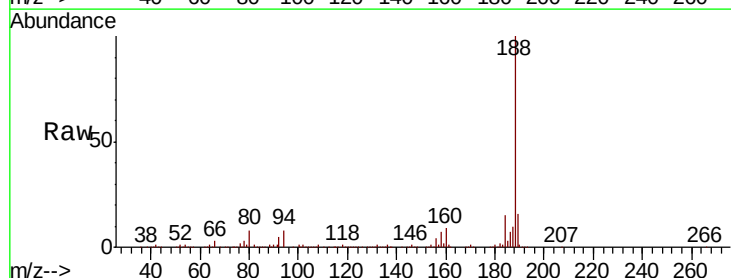
Instrument :
BNA_G
ClientSampleId :
ICVBG082520

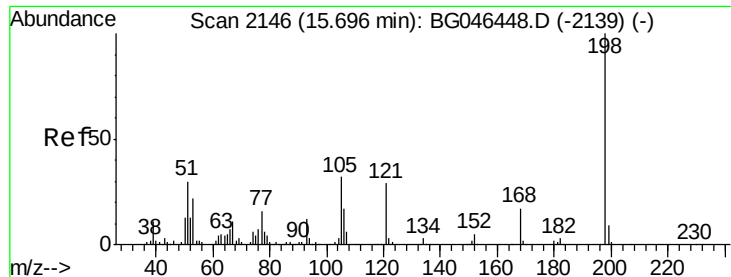
Tot Ion:	77	Resp:	535083
Ion	Ratio	Lower	Upper
77	100		
182	34.5	12.3	52.3
105	22.7	2.3	42.3
51	27.6	6.5	46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:	188	Resp:	592279
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	8.2	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 40.507 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

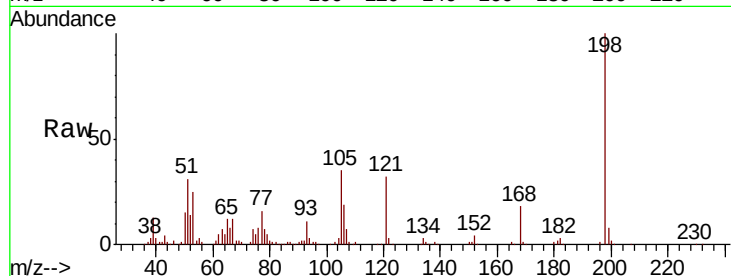
Tot Ion:198 Resp: 135792

Ion Ratio Lower Upper

198 100

51 31.1 10.4 50.4

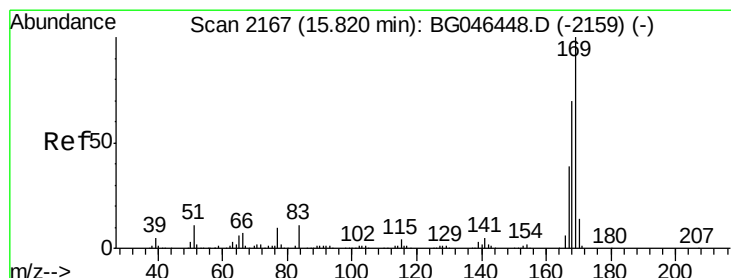
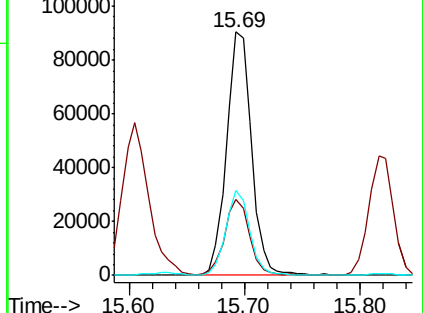
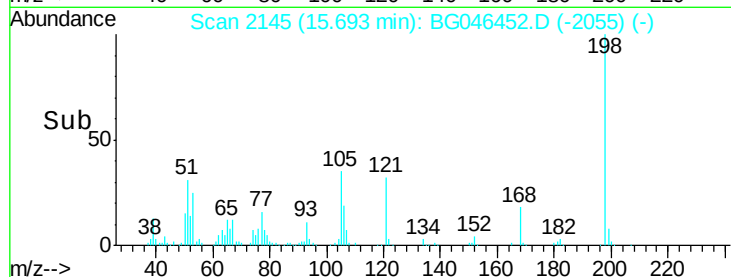
105 35.0 12.4 52.4



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: 36.327 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

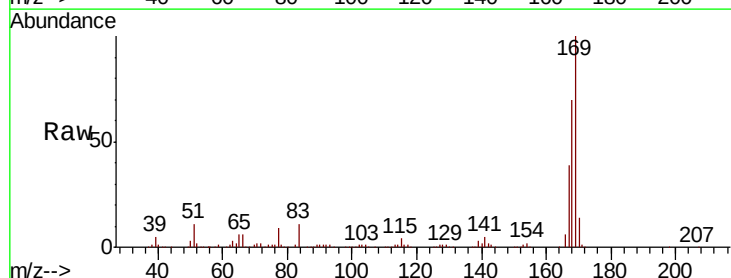
Tgt Ion:169 Resp: 580445

Ion Ratio Lower Upper

169 100

168 70.2 55.8 83.8

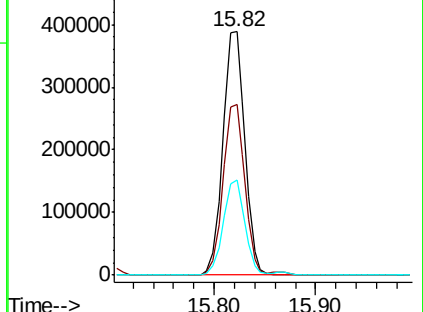
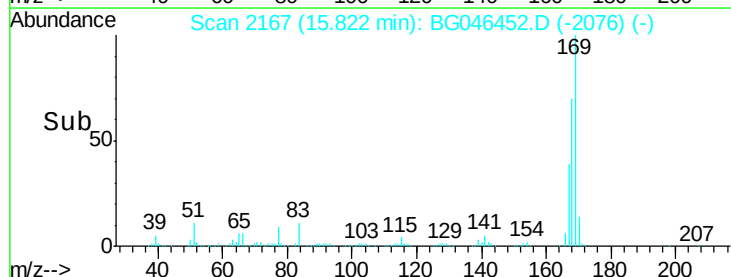
167 39.3 31.0 46.6

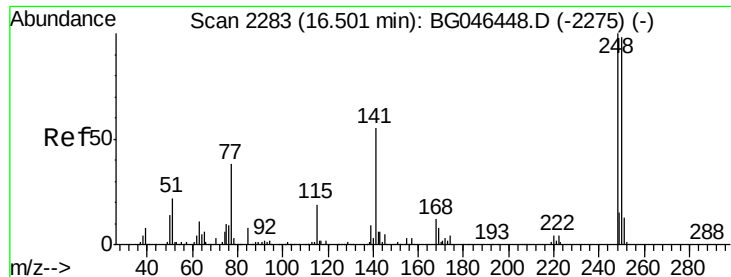


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

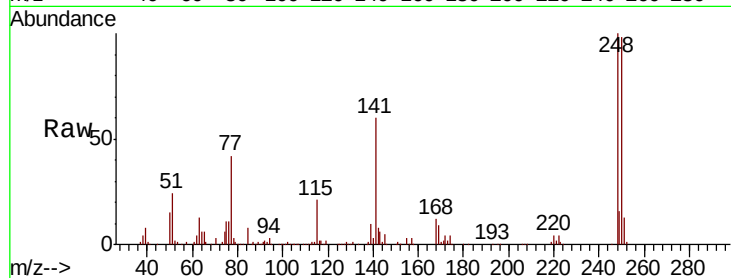




#67
4-Bromophenyl-phenylether
Concen: 36.756 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Instrument :
BNA_G
ClientSampleId :
ICVBG082520

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	59.8	43.9	65.9

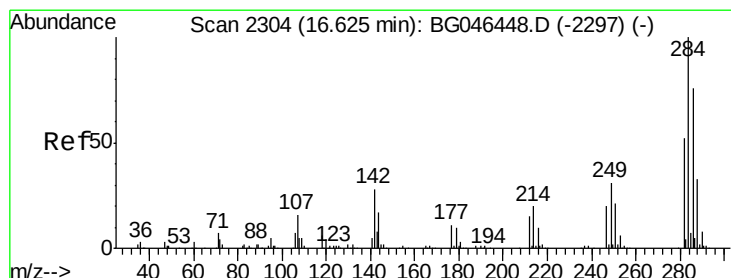
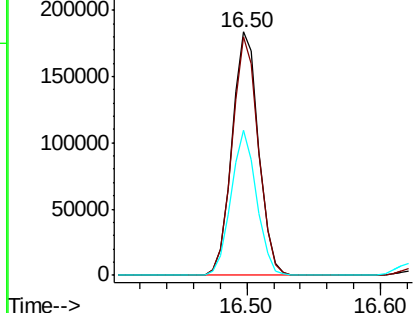
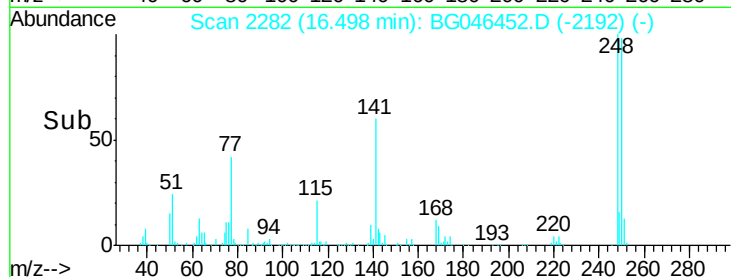


Abundance

Ion 248.00 (247.70 to 248.70): E

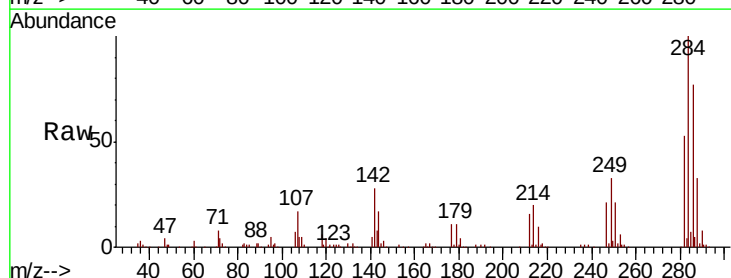
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.215 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	22.3	33.5
249	32.7	24.8	37.2

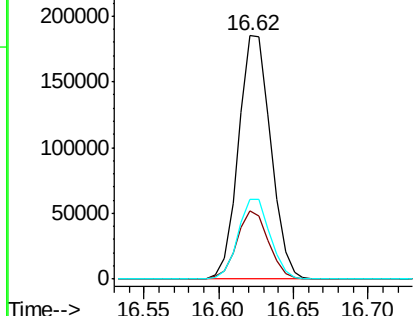
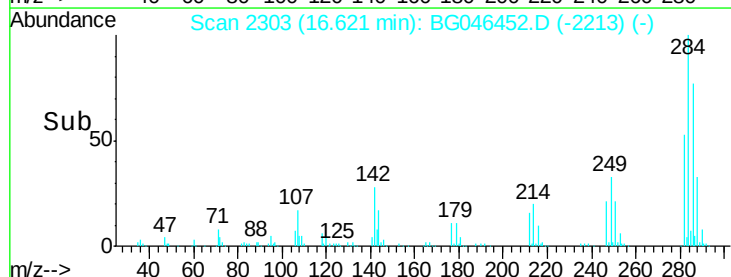


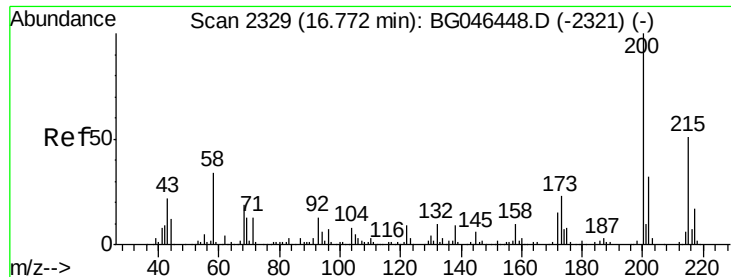
Abundance

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: 37.302 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

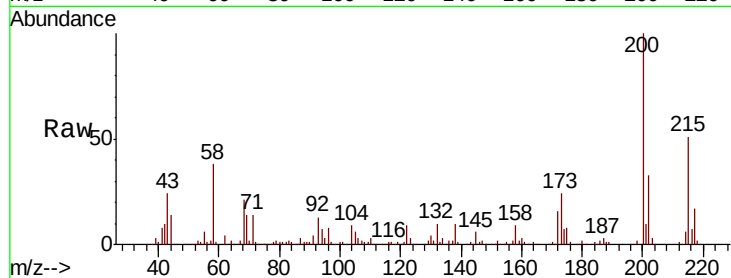
Tot Ion:200 Resp: 243149

Ion Ratio Lower Upper

200 100

173 24.0 3.3 43.3

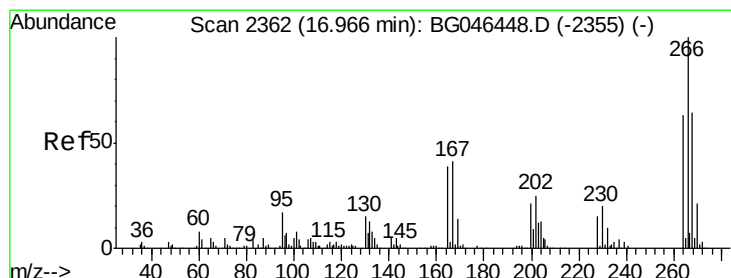
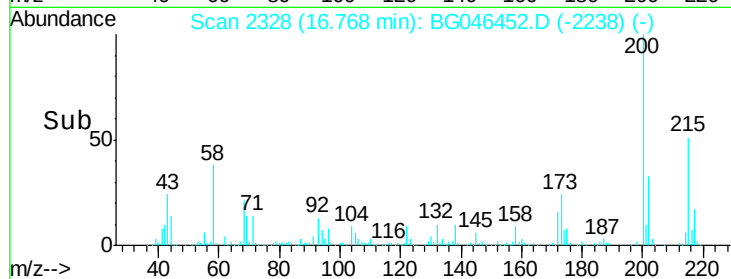
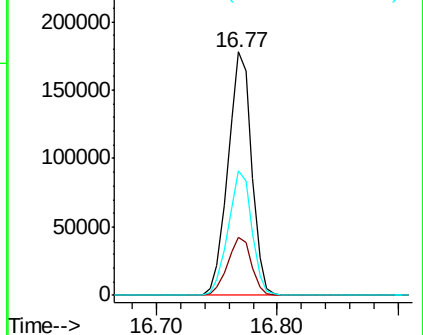
215 51.3 30.9 70.9



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: 40.540 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

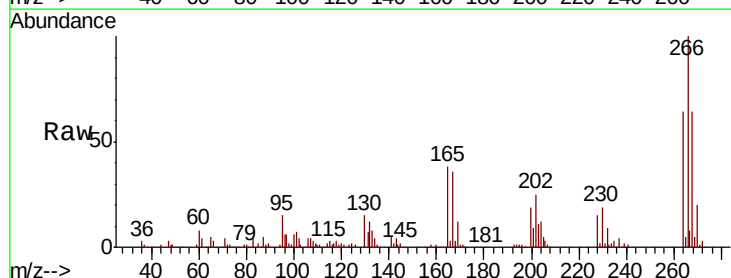
Tgt Ion:266 Resp: 162093

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

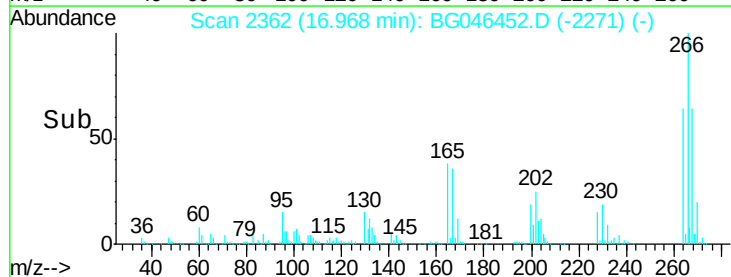
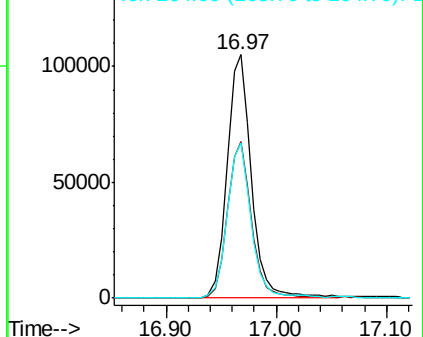
264 63.7 50.2 75.2

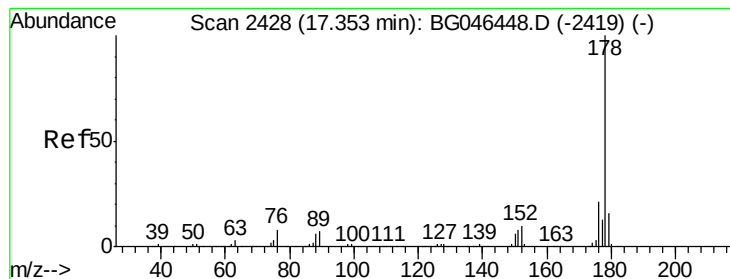


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.800 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

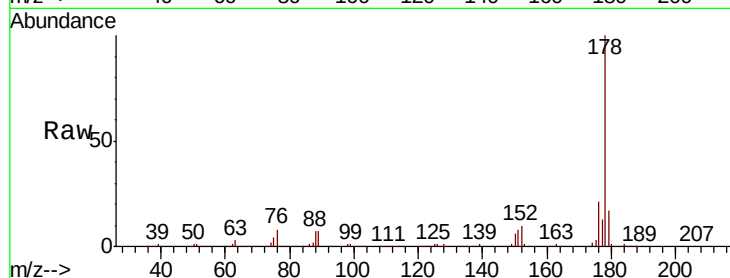
BNA_G

ClientSampleId :

ICVBG082520

Tot Ion:178 Resp: 1074733

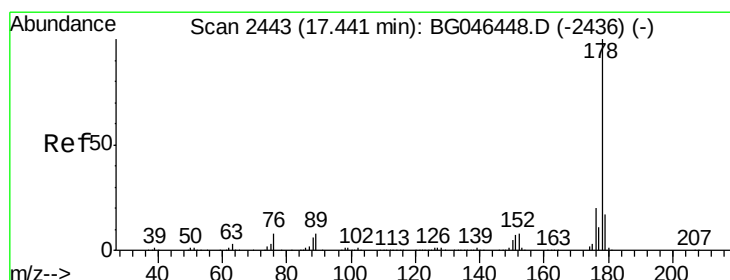
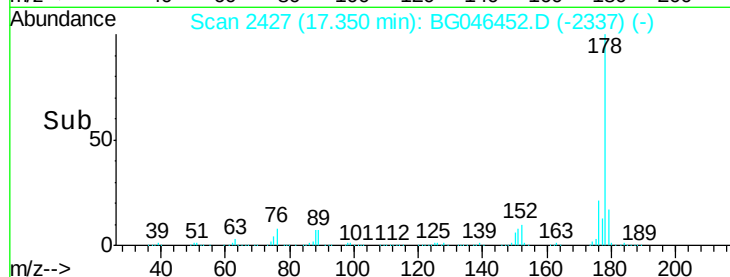
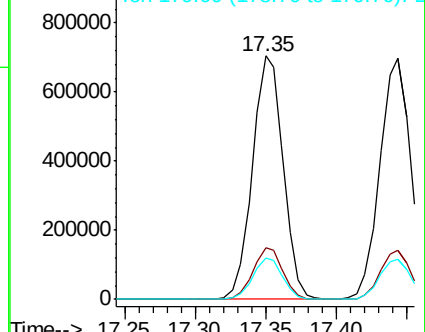
Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	16.9	13.2	19.8



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: 35.861 ng

RT: 17.44 min Scan# 2443

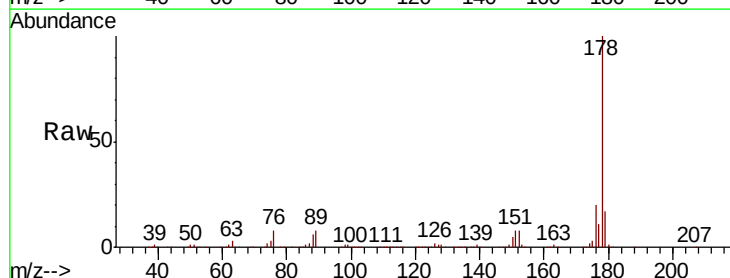
Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Tgt Ion:178 Resp: 1062174

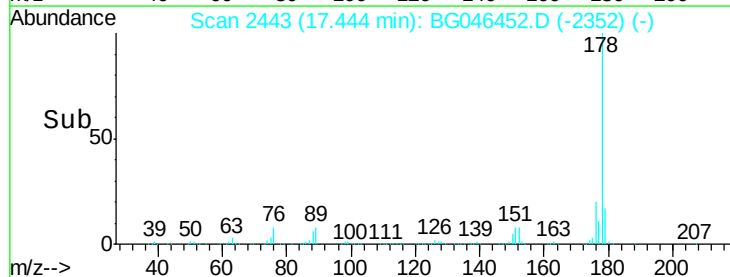
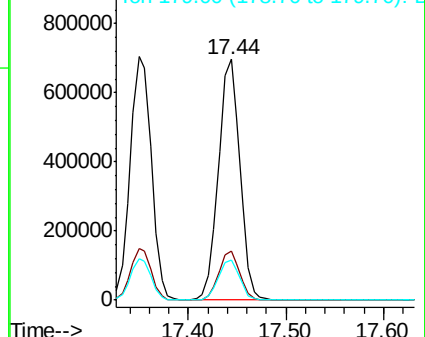
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.7	13.3	19.9

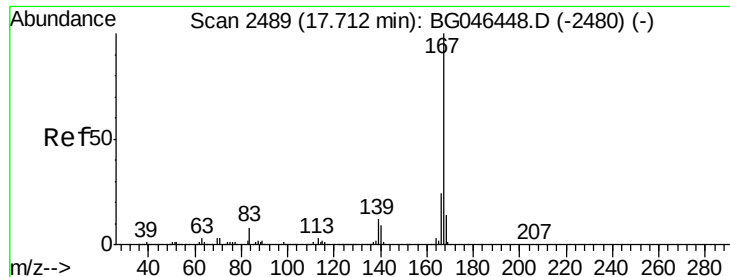


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.454 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

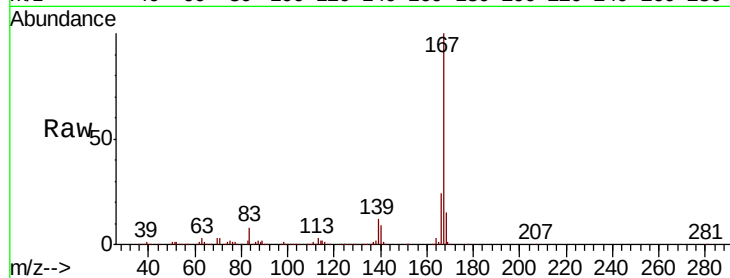
Tot Ion:167 Resp: 1019451

Ion Ratio Lower Upper

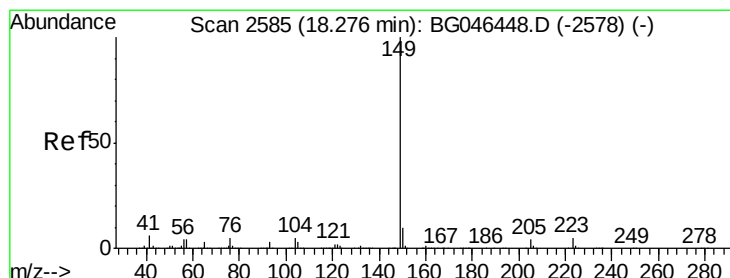
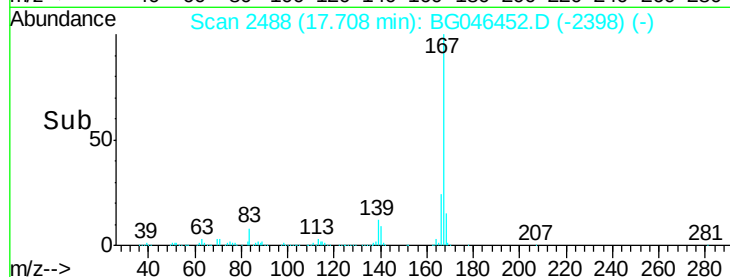
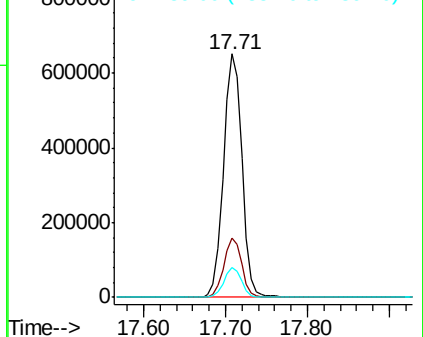
167 100

166 24.4 19.3 28.9

139 12.2 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.849 ng

RT: 18.27 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

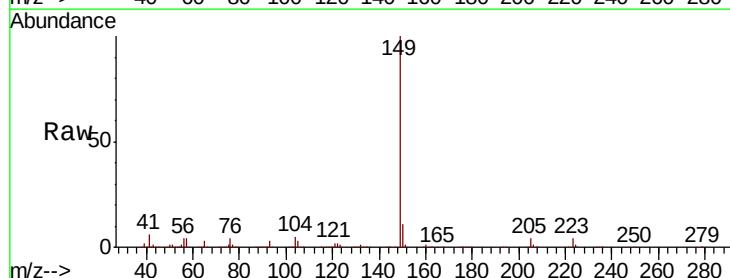
Tgt Ion:149 Resp: 1184963

Ion Ratio Lower Upper

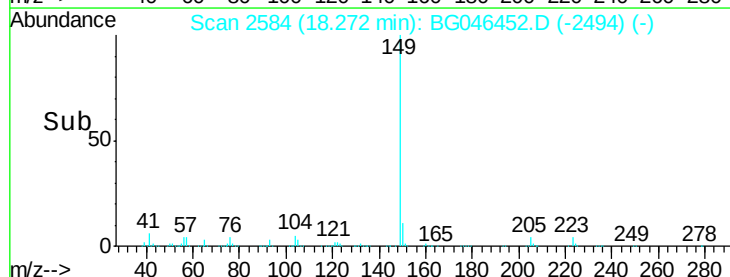
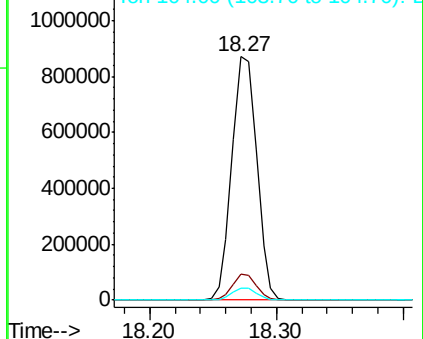
149 100

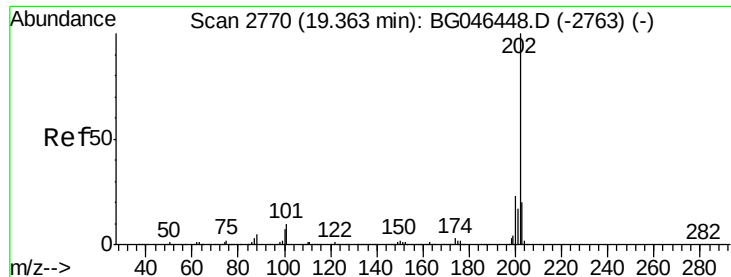
150 10.6 8.1 12.1

104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.140 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

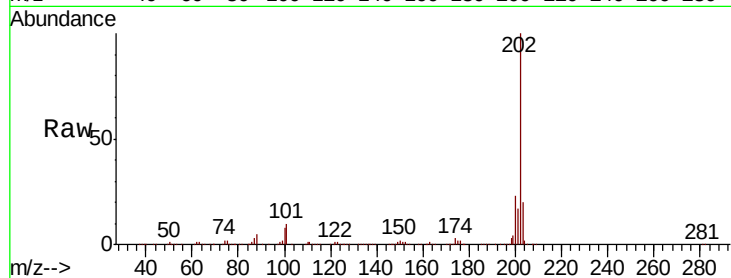
Tot Ion:202 Resp: 1396220

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.9

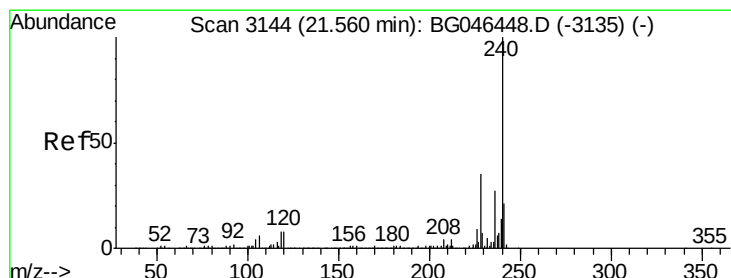
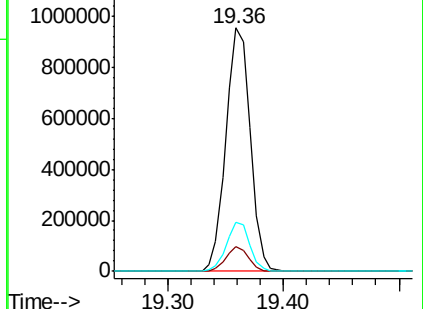
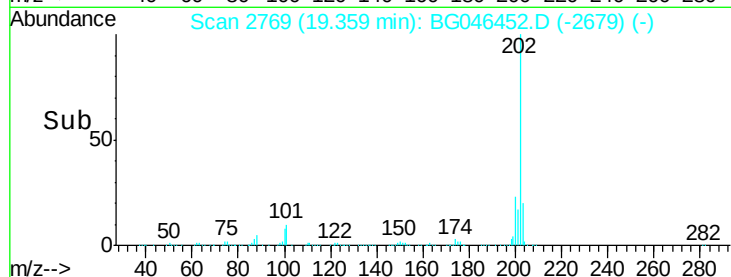
203 20.0 0.0 40.0



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# 3143

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

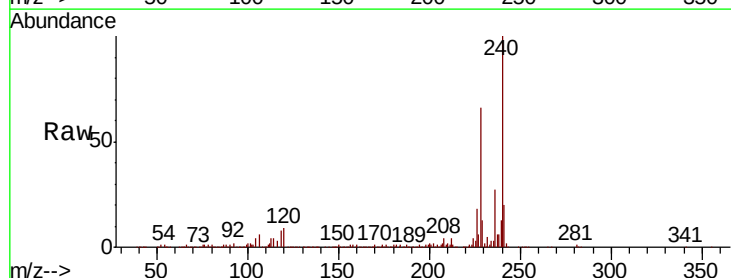
Tgt Ion:240 Resp: 595780

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

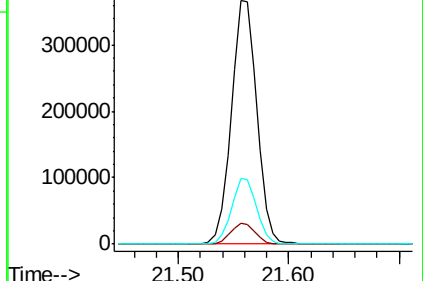
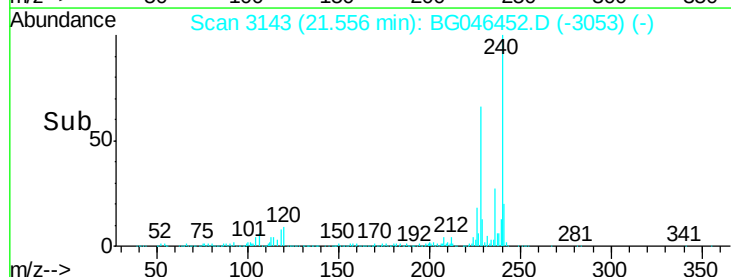
236 27.0 21.4 32.2

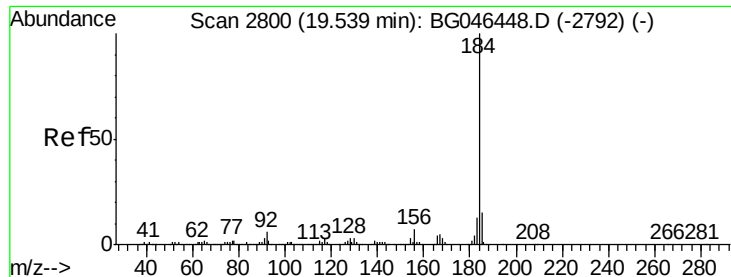


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.190 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

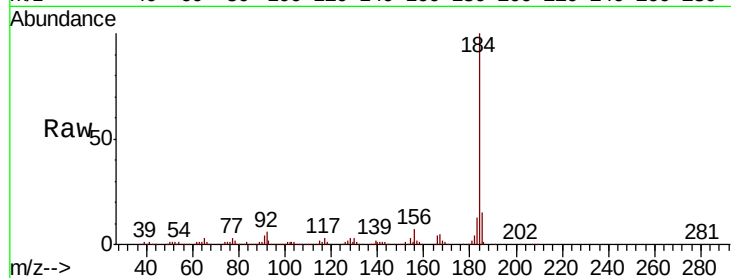
BNA_G

ClientSampleId :

ICVBG082520

Tot Ion:184 Resp: 556400

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.8
183	13.0	10.7	16.1

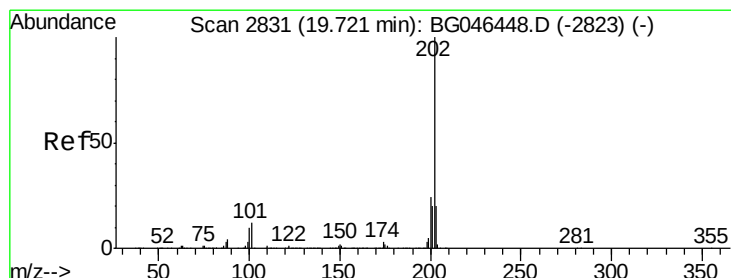
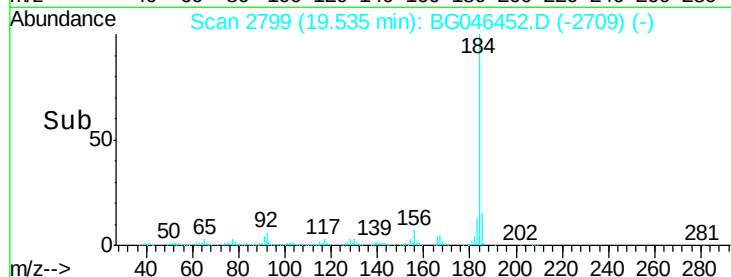
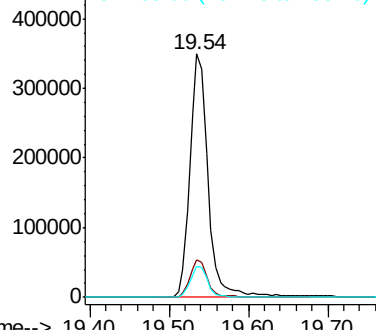


Abundance

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



#78

Pyrene

Concen: 36.689 ng

RT: 19.72 min Scan# 2831

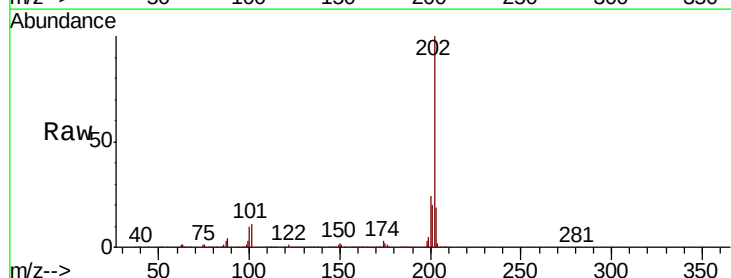
Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Tgt Ion:202 Resp: 1391922

Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.9	28.3
203	19.5	16.1	24.1

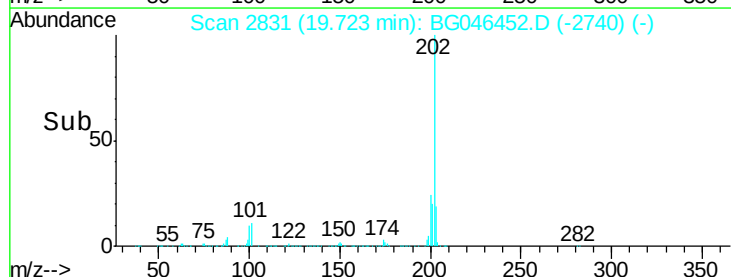
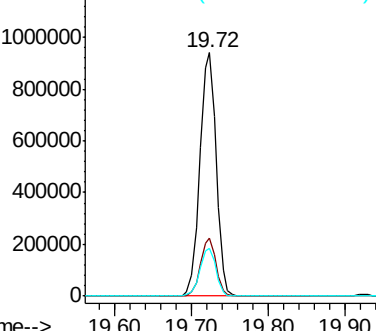


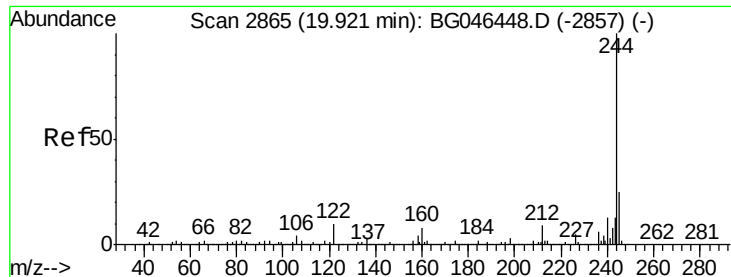
Abundance

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





#79

Terphenyl-d14

Concen: 70.773 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

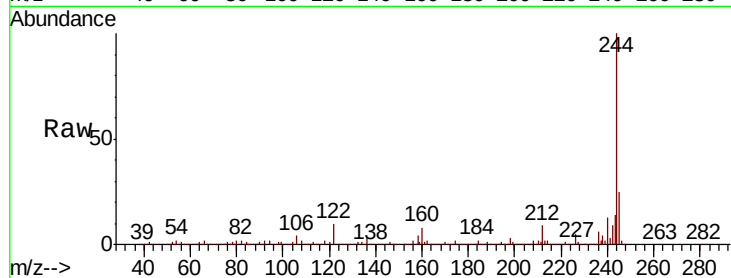
Tot Ion:244 Resp: 1981282

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

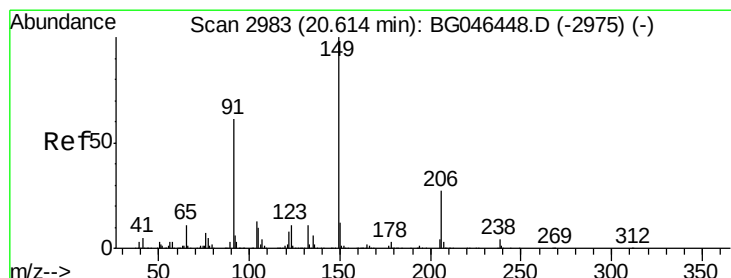
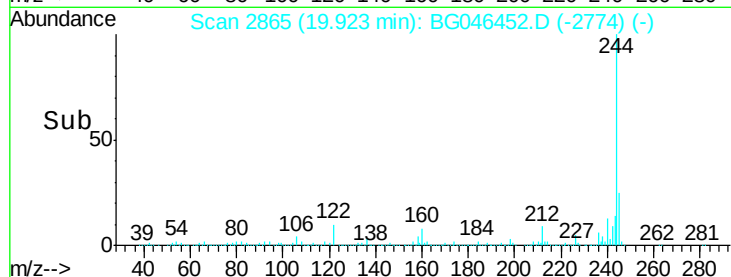
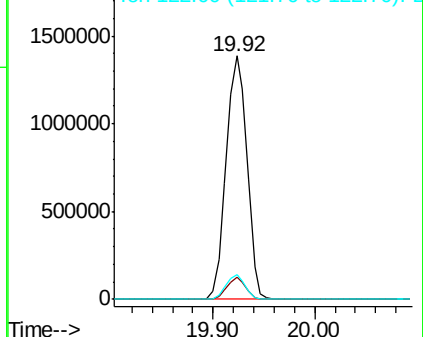
122 10.0 8.2 12.4



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: 38.013 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

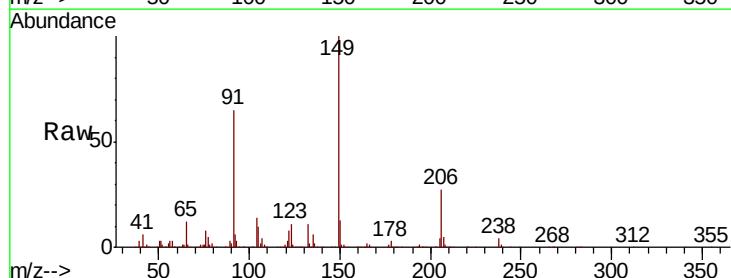
Tgt Ion:149 Resp: 562529

Ion Ratio Lower Upper

149 100

91 64.6 49.1 73.7

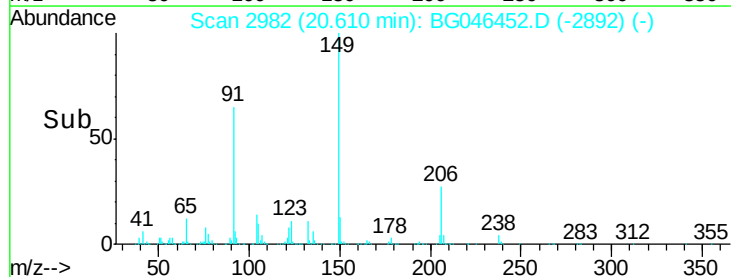
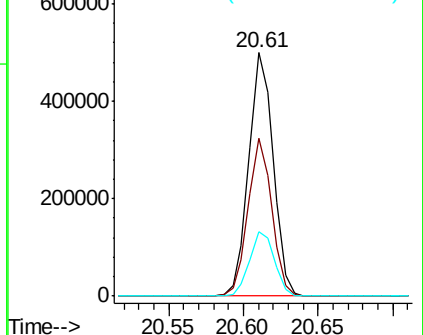
206 26.7 21.9 32.9

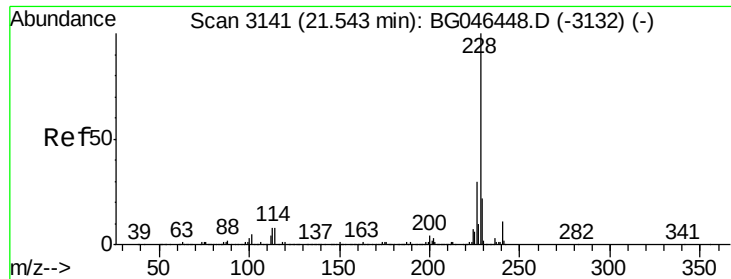


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.726 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

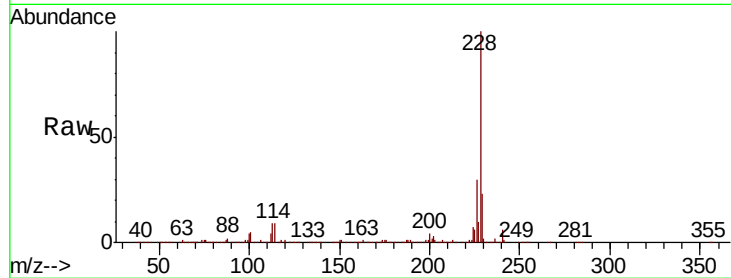
BNA_G

ClientSampleId :

ICVBG082520

Tot Ion:228 Resp: 1363825

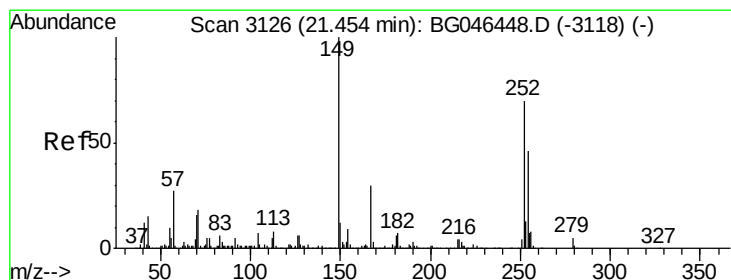
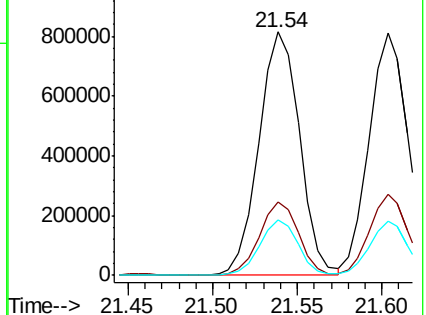
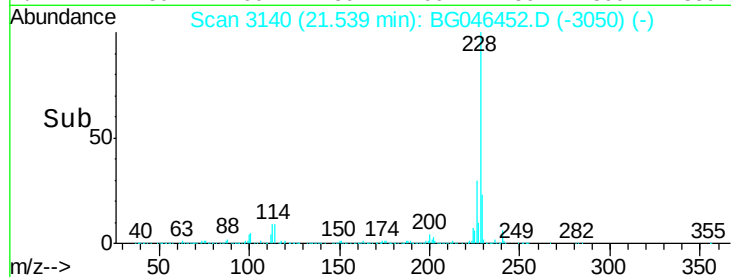
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	22.8	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.828 ng

RT: 21.46 min Scan# 3126

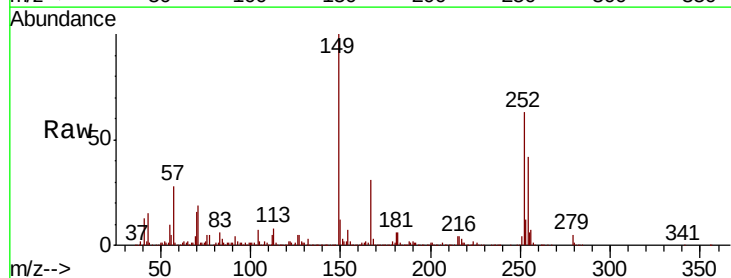
Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Tgt Ion:252 Resp: 521312

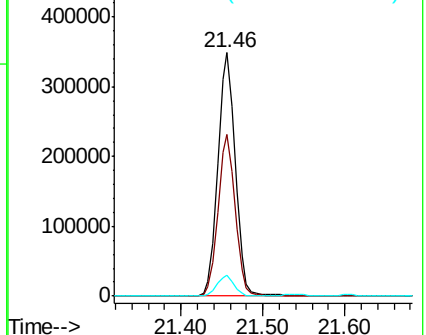
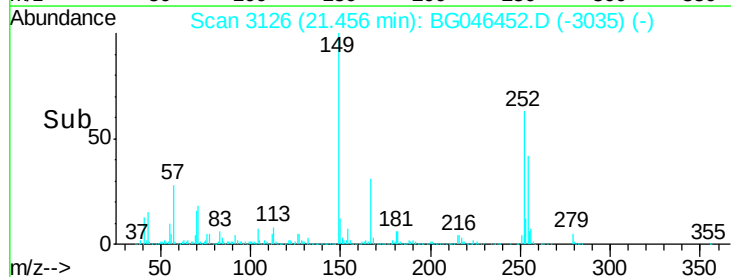
Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.9	77.9
126	8.6	7.4	11.0

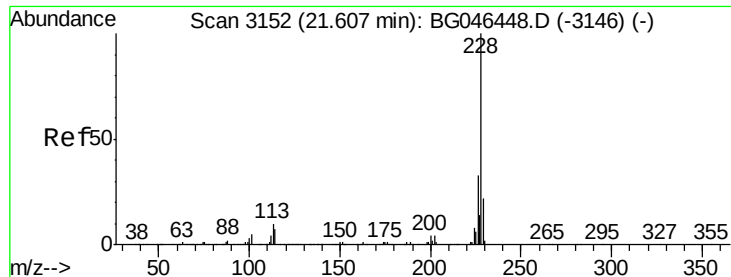


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.464 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

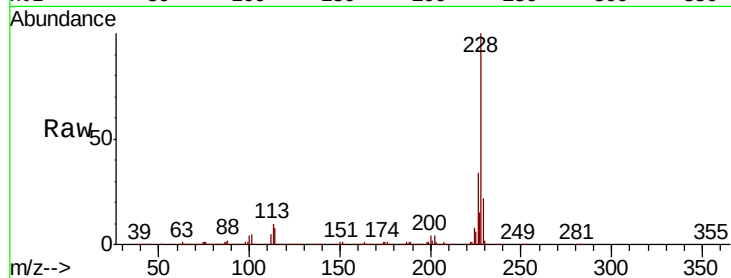
Tot Ion:228 Resp: 1302533

Ion Ratio Lower Upper

228 100

226 33.5 26.2 39.4

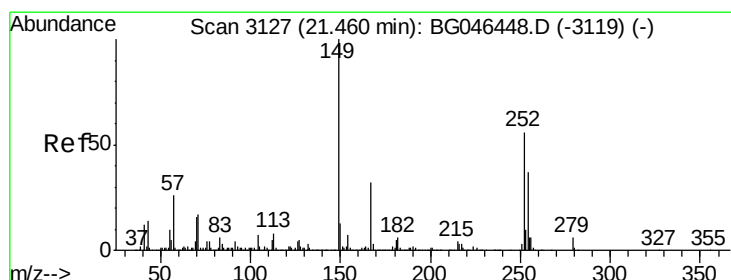
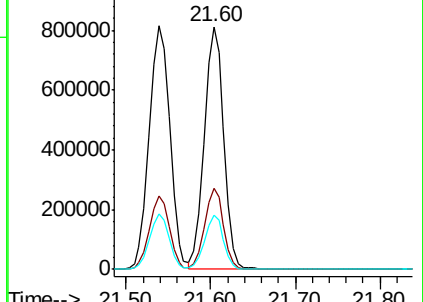
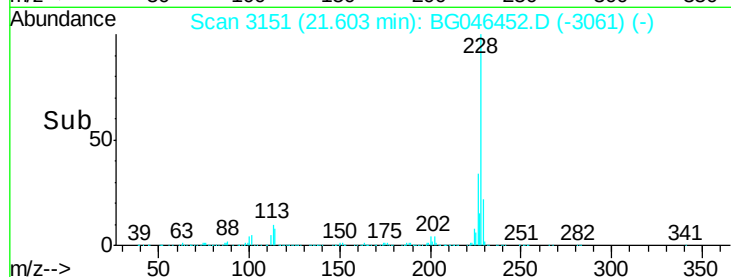
229 22.2 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.345 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

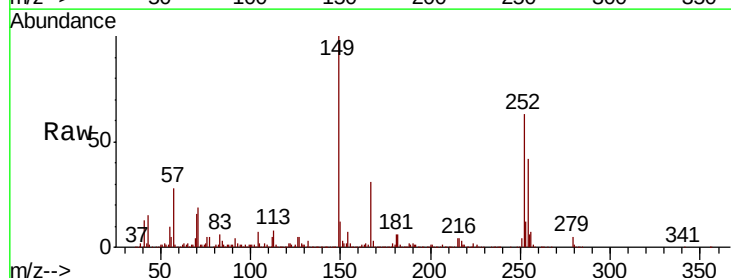
Tgt Ion:149 Resp: 754165

Ion Ratio Lower Upper

149 100

167 30.9 25.4 38.2

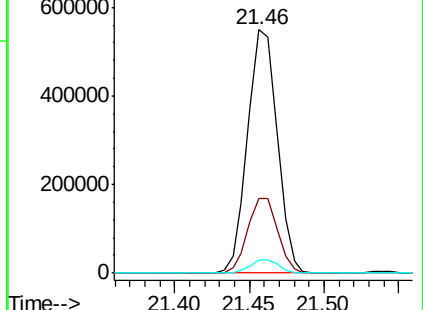
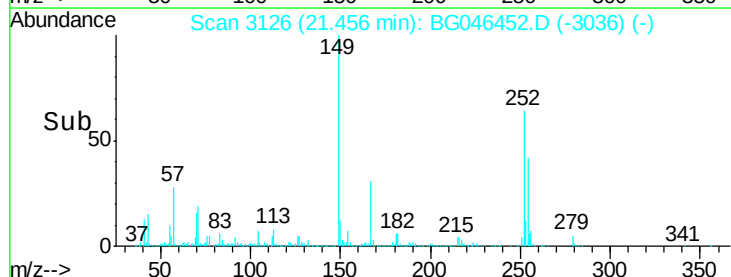
279 5.2 4.5 6.7

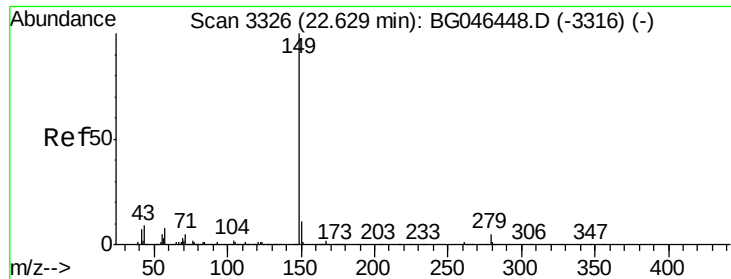


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.012 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

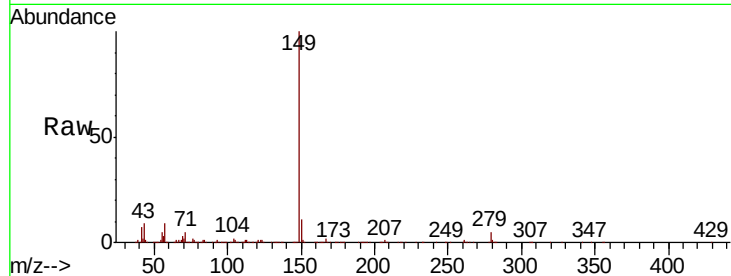
Tot Ion:149 Resp: 1314416

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

43 8.6 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

22.63

800000

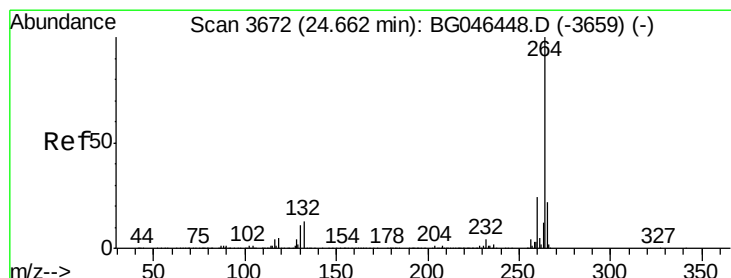
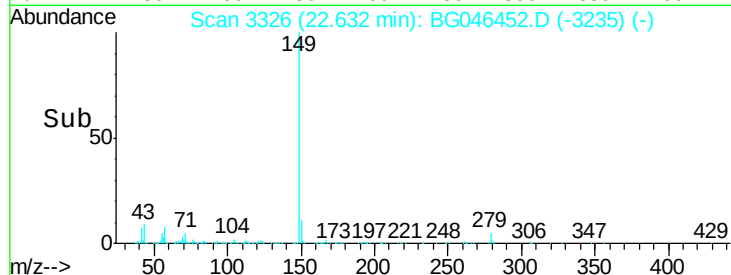
600000

400000

200000

0

Time--> 22.50 22.60 22.70



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

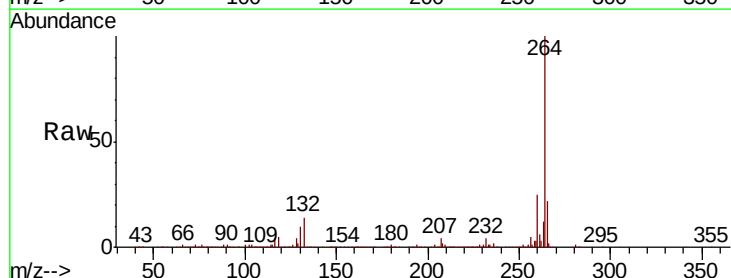
Tgt Ion:264 Resp: 636881

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.1 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

24.66

300000

250000

200000

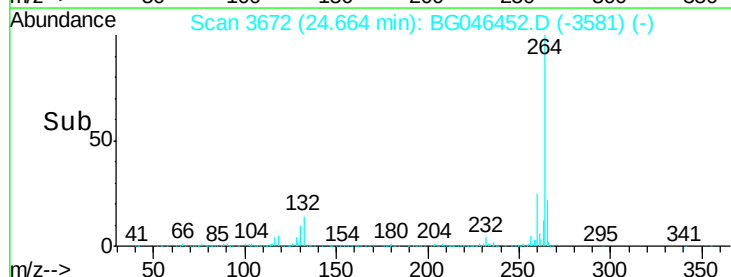
150000

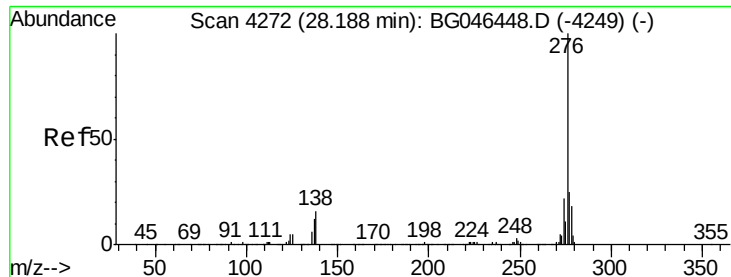
100000

50000

0

Time--> 24.50 24.60 24.70 24.80

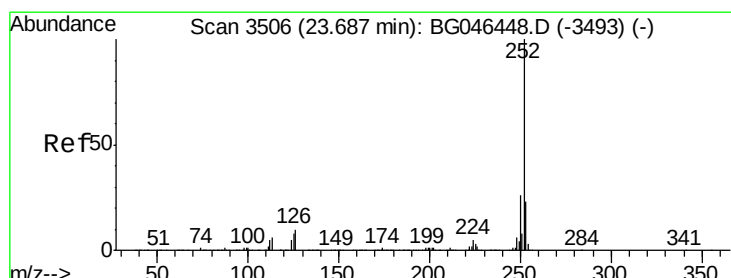
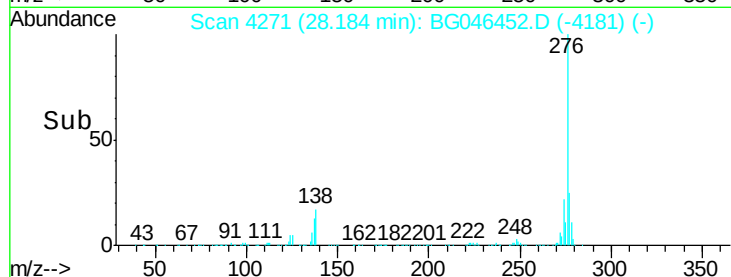
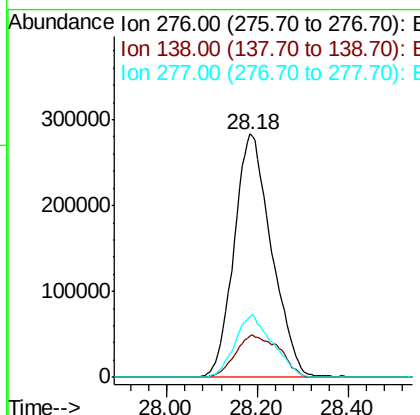
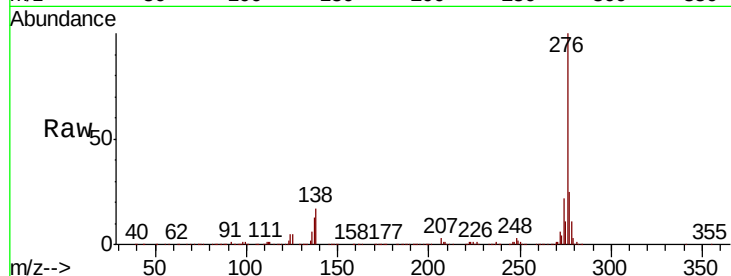




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.531 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

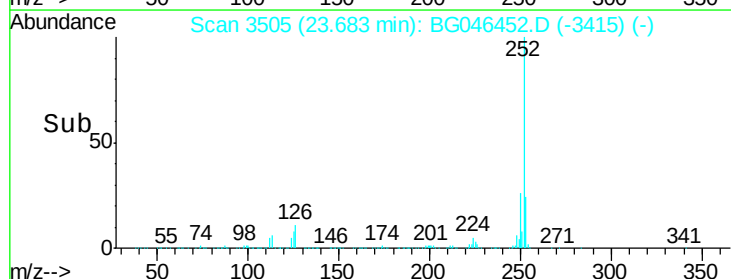
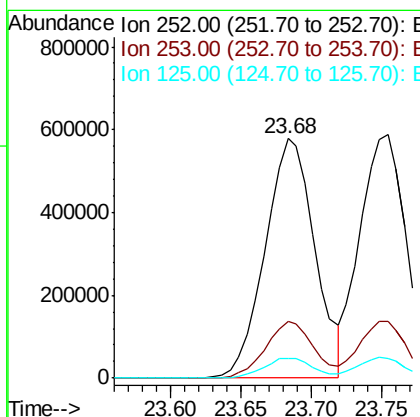
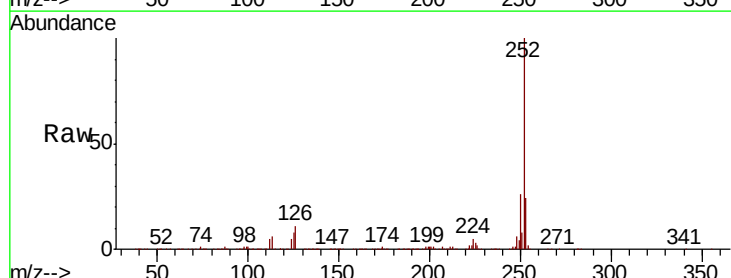
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082520

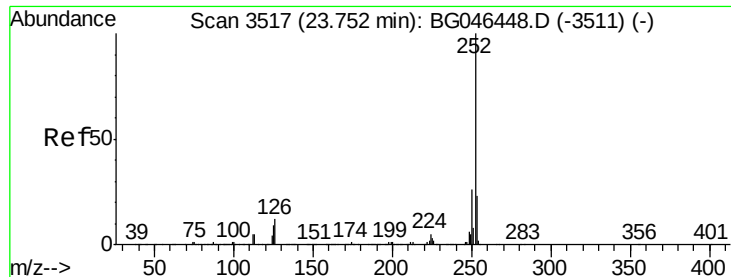
Tot Ion:276 Resp: 1625263
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.5 24.7
 277 25.9 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 35.720 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: BG046452.D
 Acq: 25 Aug 2020 17:30

Tgt Ion:252 Resp: 1420496
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.2 27.4
 125 8.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 34.881 ng

RT: 23.75 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

Instrument :

BNA_G

ClientSampleId :

ICVBG082520

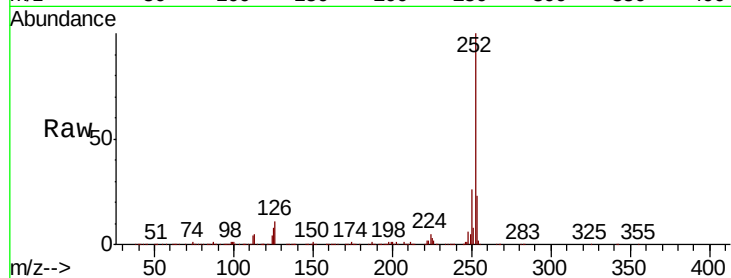
Tot Ion:252 Resp: 1340584

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

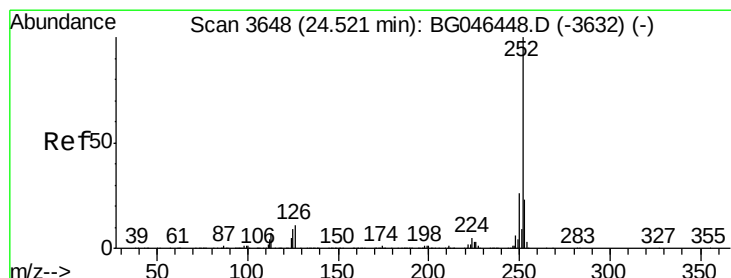
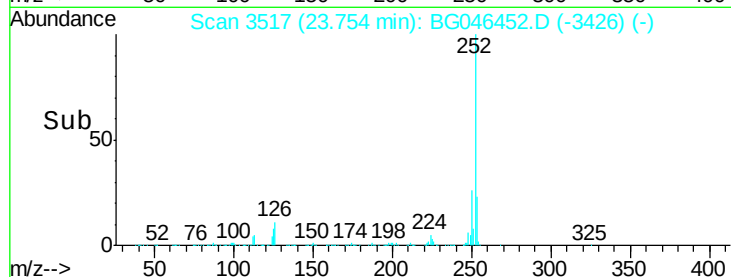
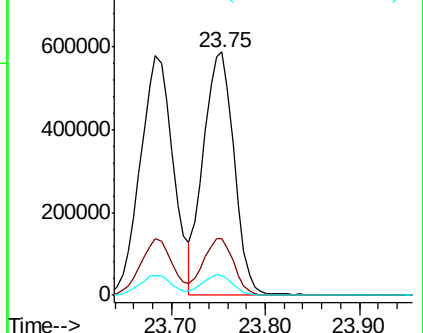
125 8.0 6.8 10.2



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: 35.442 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046452.D

Acq: 25 Aug 2020 17:30

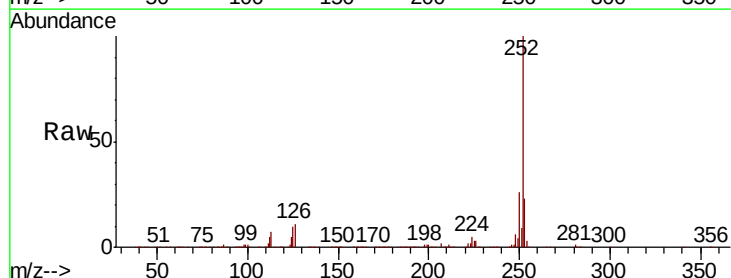
Tgt Ion:252 Resp: 1315319

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

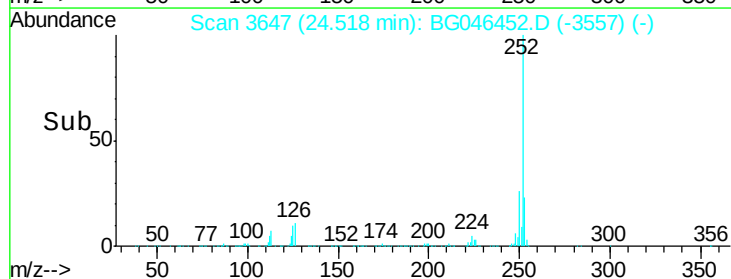
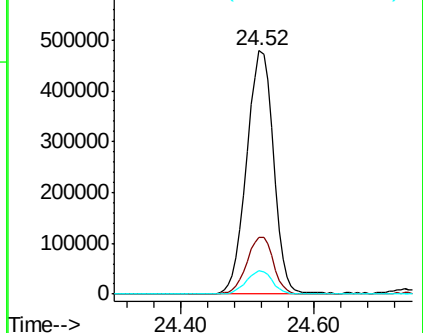
125 9.8 7.4 11.0

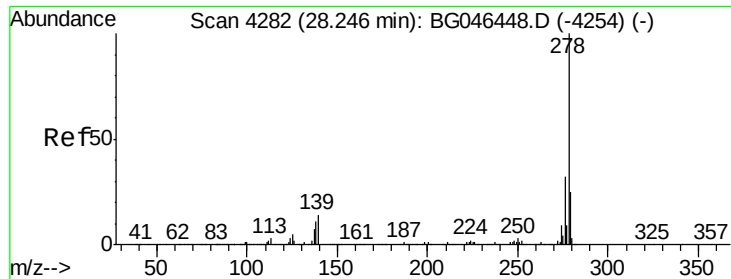


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



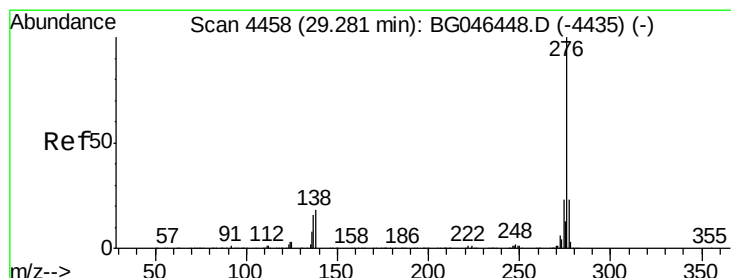
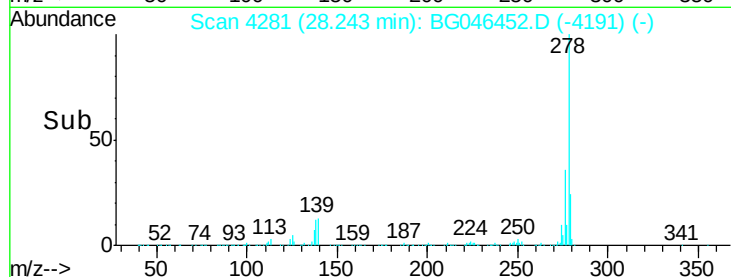
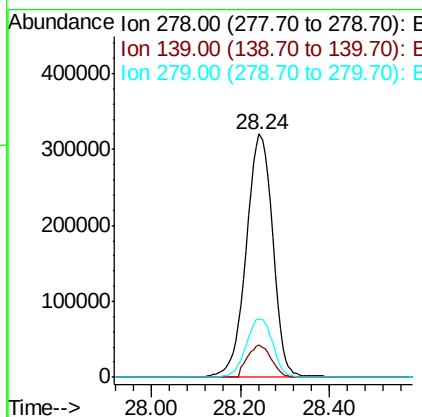
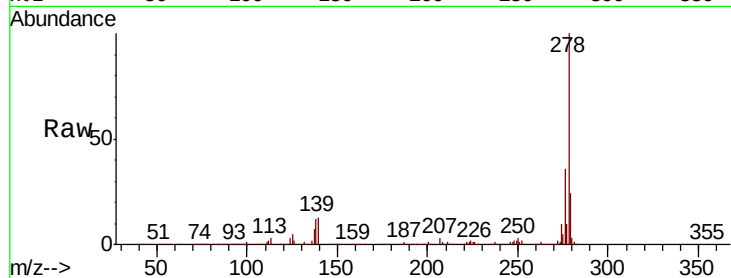


#91
Dibenzo(a,h)anthracene
Concen: 35.379 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Instrument :
BNA_G
ClientSampleId :
ICVBG082520

Tot Ion:278 Resp: 1305943

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.2	16.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 35.423 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.00 min
Lab File: BG046452.D
Acq: 25 Aug 2020 17:30

Tgt Ion:276 Resp: 1305709

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.6	14.7	22.1

