

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046606.D
 Acq On : 14 Sep 2020 16:50
 Operator : CG/JU
 Sample : PB131594BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

Quant Time: Sep 14 17:27:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	64491	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	267099	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	186967	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	462035	20.00	ng	0.00
76) Chrysene-d12	21.55	240	469065	20.00	ng	0.00
86) Perylene-d12	24.65	264	485522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	492355	135.22	ng	0.00
7) Phenol-d6	7.10	99	643765	124.72	ng	0.00
23) Nitrobenzene-d5	9.08	82	404388	86.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	300145	118.48	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1056975	86.30	ng	0.00
79) Terphenyl-d14	19.92	244	1736688	78.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	60444	39.901	ng	96
3) Pyridine	3.81	79	176136	39.741	ng	98
4) n-Nitrosodimethylamine	3.73	42	79635	48.716	ng	97
6) Aniline	7.25	93	267601	46.071	ng	99
8) 2-Chlorophenol	7.50	128	207419	53.898	ng	99
9) Benzaldehyde	7.06	77	96522	33.377	ng	97
10) Phenol	7.13	94	258876	54.453	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	188368	49.293	ng	99
12) 1,3-Dichlorobenzene	7.81	146	229007	46.871	ng	99
13) 1,4-Dichlorobenzene	7.96	146	228980	46.812	ng	99
14) 1,2-Dichlorobenzene	8.28	146	224731	47.916	ng	99
15) Benzyl Alcohol	8.17	79	177299	53.502	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	275849	46.537	ng	99
17) 2-Methylphenol	8.38	107	181730	53.900	ng	99
18) Hexachloroethane	9.01	117	76605	46.189	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	153836	49.825	ng	99
20) 3+4-Methylphenols	8.70	107	249117	53.531	ng	98
22) Acetophenone	8.74	105	291471	44.830	ng	# 98
24) Nitrobenzene	9.12	77	217004	47.002	ng	99
25) Isophorone	9.65	82	421138	49.154	ng	98
26) 2-Nitrophenol	9.84	139	121026	49.684	ng	96
27) 2,4-Dimethylphenol	9.90	122	200760	59.923	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	256700	46.549	ng	98
29) 2,4-Dichlorophenol	10.38	162	227407	50.917	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	237788	44.872	ng	99
31) Naphthalene	10.78	128	616189	47.248	ng	99
32) Benzoic acid	10.07	122	76097	34.414	ng	99
33) 4-Chloroaniline	10.88	127	211421	36.764	ng	100
34) Hexachlorobutadiene	11.06	225	150866	43.856	ng	99
35) Caprolactam	11.66	113	49274	29.514	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	228997	52.423	ng	95
37) 2-Methylnaphthalene	12.38	142	491979	47.832	ng	99
38) 1-Methylnaphthalene	12.60	142	461917	47.411	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	289659	46.981	ng	99

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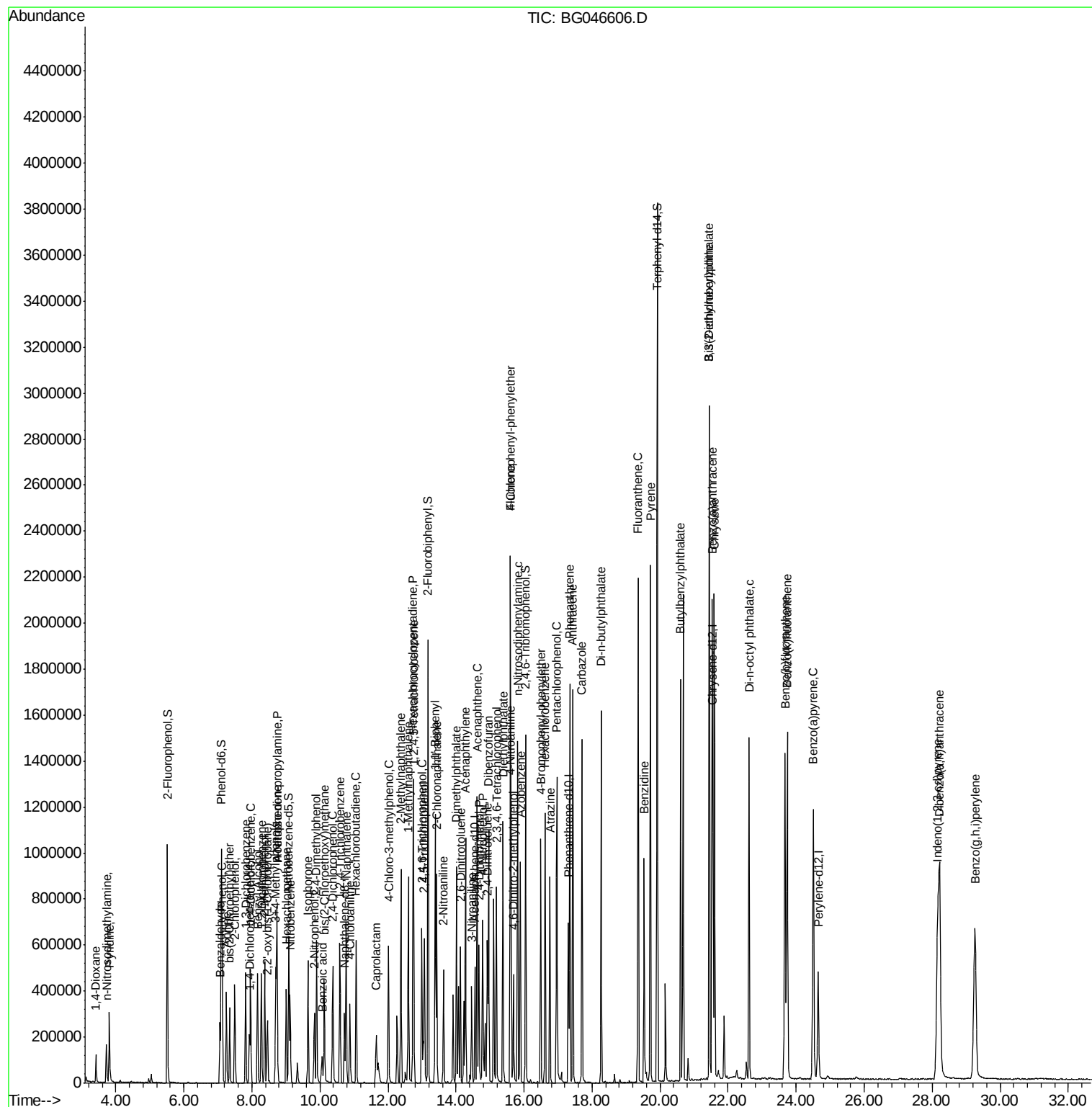
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	324543	121.058	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	201443	48.416	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	217949	49.857	ng	98
46) 1,1'-Biphenyl	13.39	154	639598	49.169	ng	100
47) 2-Chloronaphthalene	13.43	162	505836	45.864	ng	99
48) 2-Nitroaniline	13.63	65	143766	46.943	ng	99
49) Acenaphthylene	14.28	152	811482	48.504	ng	99
50) Dimethylphthalate	14.01	163	674785	46.650	ng	99
51) 2,6-Dinitrotoluene	14.13	165	157537	49.408	ng	96
52) Acenaphthene	14.62	154	494745	47.721	ng	98
53) 3-Nitroaniline	14.46	138	128001	37.061	ng	100
54) 2,4-Dinitrophenol	14.67	184	192704	103.540	ng	99
55) Dibenzofuran	14.96	168	803307	48.282	ng	99
56) 4-Nitrophenol	14.78	139	251105	98.788	ng	99
57) 2,4-Dinitrotoluene	14.92	165	226458	49.810	ng	97
58) Fluorene	15.61	166	676213	48.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	210982	49.701	ng	98
60) Diethylphthalate	15.38	149	669084	47.443	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	363196	47.225	ng	99
62) 4-Nitroaniline	15.62	138	164784	45.217	ng	96
63) Azobenzene	15.89	77	561085	48.909	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	145756	55.735	ng	99
66) n-Nitrosodiphenylamine	15.81	169	616146	49.431	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	254349	47.185	ng	99
68) Hexachlorobenzene	16.62	284	270737	45.350	ng	98
69) Atrazine	16.76	200	197035	38.748	ng	99
70) Pentachlorophenol	16.96	266	303525	97.311	ng	99
71) Phenanthrene	17.34	178	1118914	47.778	ng	99
72) Anthracene	17.43	178	1146838	49.634	ng	99
73) Carbazole	17.70	167	1062798	48.717	ng	100
74) Di-n-butylphthalate	18.27	149	1174386	46.814	ng	100
75) Fluoranthene	19.35	202	1428691	47.405	ng	99
77) Benzidine	19.53	184	687556	63.081	ng	98
78) Pyrene	19.71	202	1420204	47.547	ng	99
80) Butylbenzylphthalate	20.61	149	547631	47.004	ng	99
81) Benzo(a)anthracene	21.53	228	1375037	47.031	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	439193	40.479	ng	99
83) Chrysene	21.59	228	1334322	47.445	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	761332	47.884	ng	99
85) Di-n-octyl phthalate	22.61	149	1337625	49.133	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1681171	48.211	ng	100
88) Benzo(b)fluoranthene	23.67	252	1447591	47.749	ng	98
89) Benzo(k)fluoranthene	23.74	252	1420083	48.468	ng	98
90) Benzo(a)pyrene	24.51	252	1332776	47.108	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1381565	49.096	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1404630	49.986	ng	99

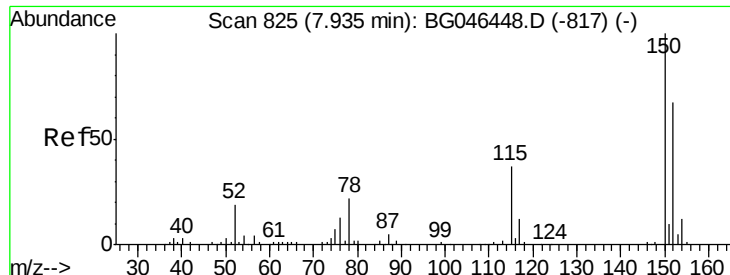
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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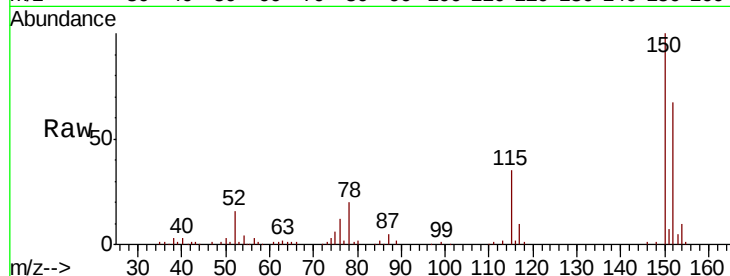


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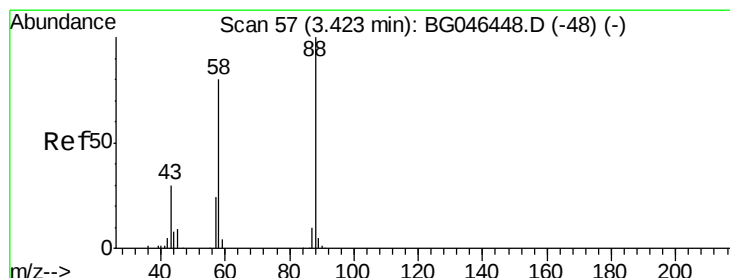
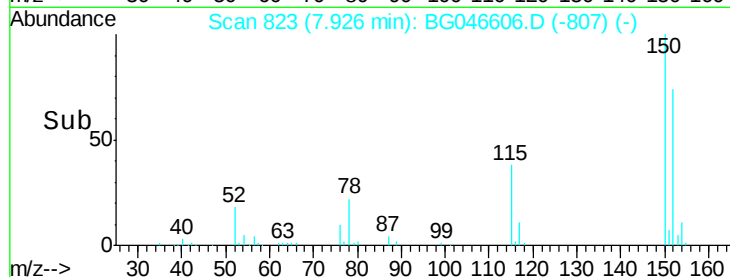
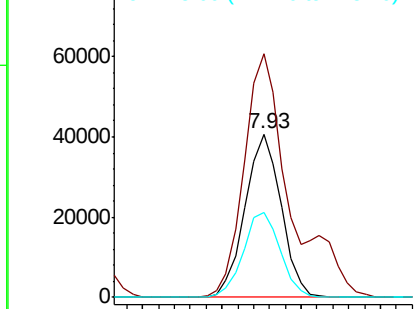
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion:152 Resp: 64491
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 52.0 44.3 66.5



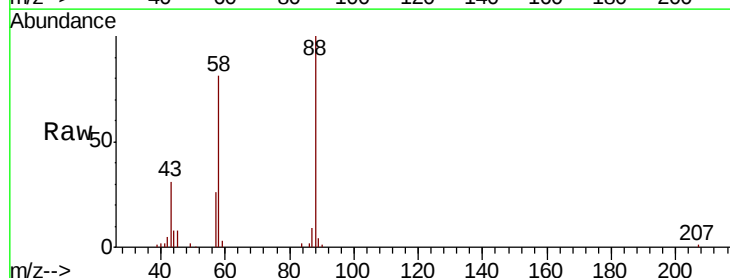
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



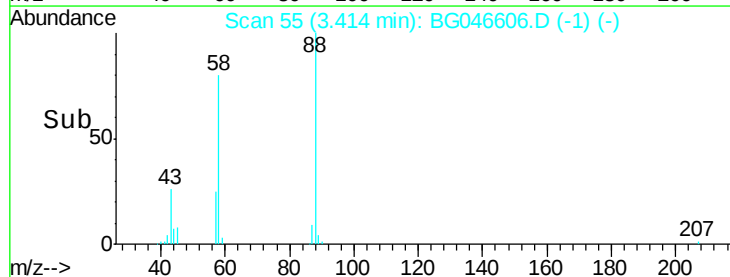
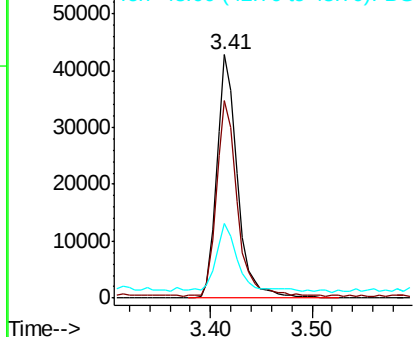
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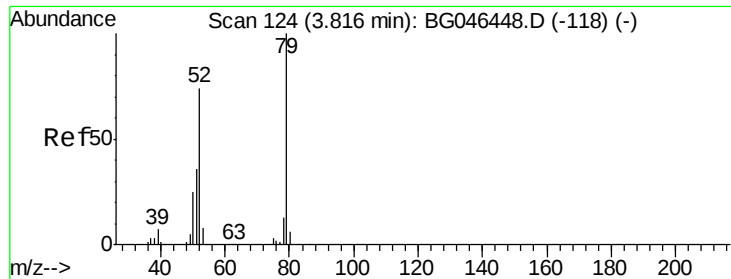
1,4-Dioxane
Concen: 39.901 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion: 88 Resp: 60444
Ion Ratio Lower Upper
88 100
58 80.3 61.4 92.2
43 25.8 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

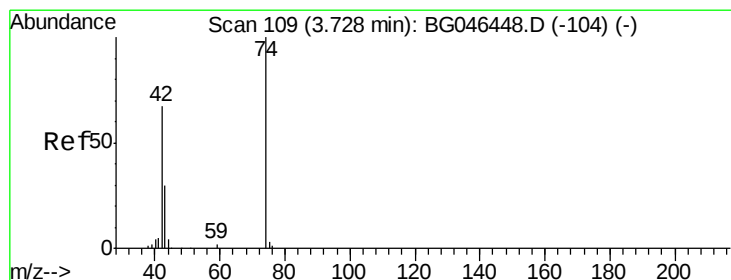
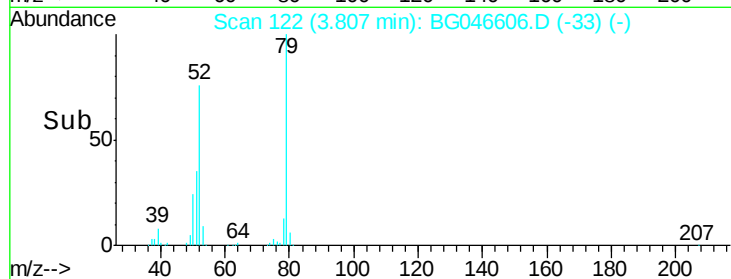
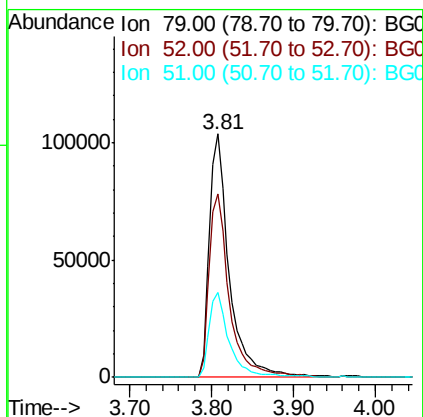
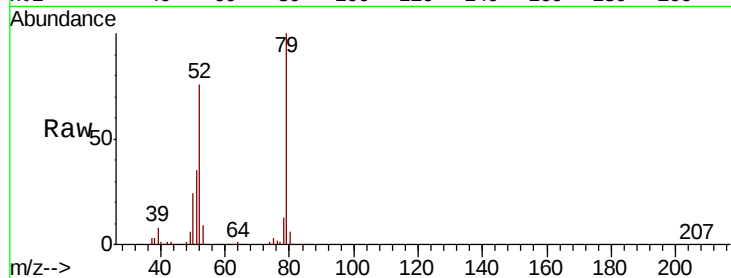




#3
 Pvridine
 Concen: 39.741 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

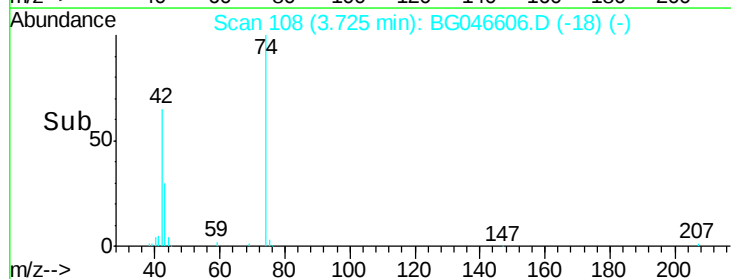
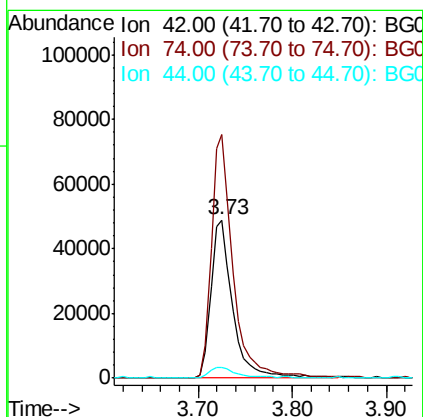
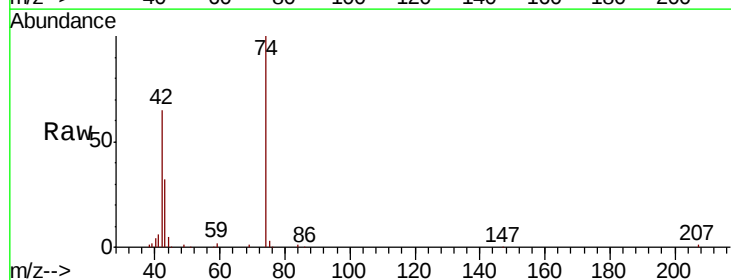
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 BNA_G
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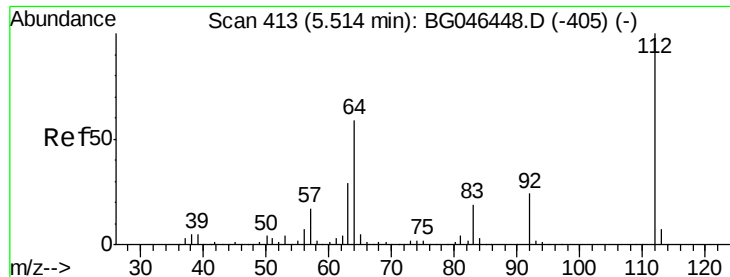
Tot Ion: 79 Resp: 176136
 Ion Ratio Lower Upper
 79 100
 52 75.6 59.1 88.7
 51 35.1 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 48.716 ng
 RT: 3.73 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion: 42 Resp: 79635
 Ion Ratio Lower Upper
 42 100
 74 153.8 119.5 179.3
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 135.221 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

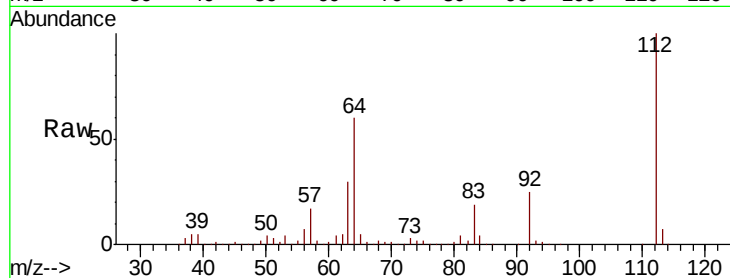
Tot Ion:112 Resp: 492355

Ion Ratio Lower Upper

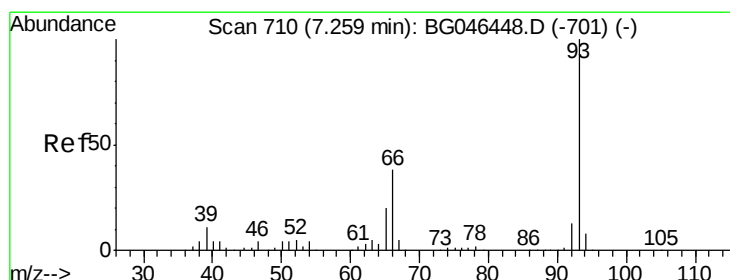
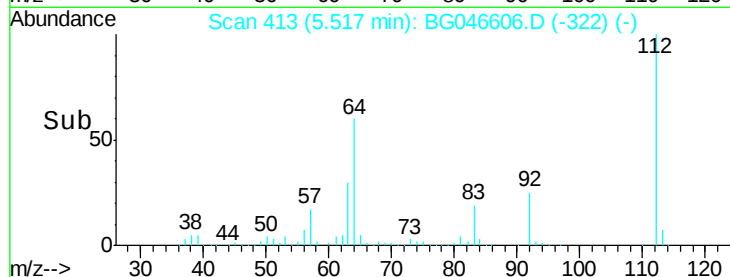
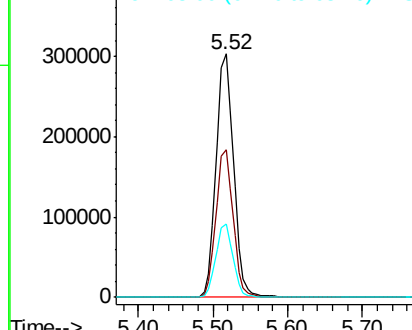
112 100

64 60.4 47.0 70.6

63 30.0 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 46.071 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

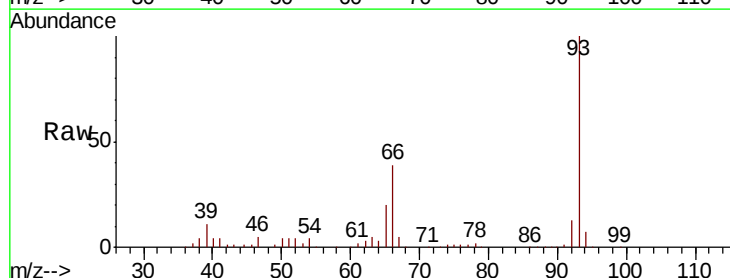
Tgt Ion: 93 Resp: 267601

Ion Ratio Lower Upper

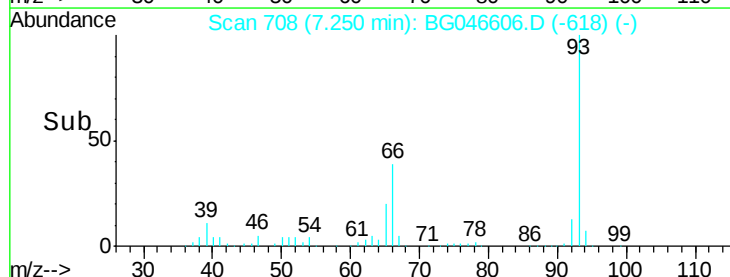
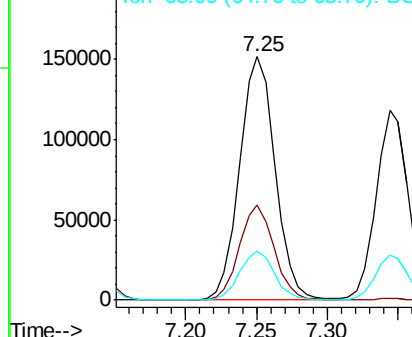
93 100

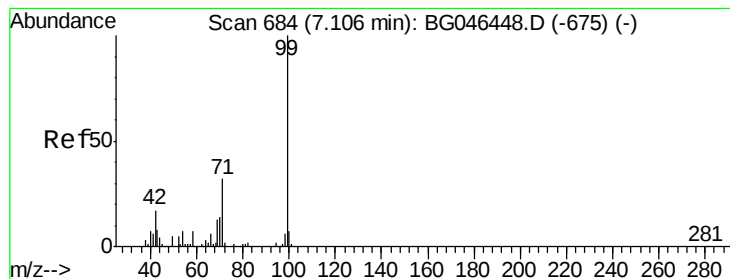
66 39.1 30.4 45.6

65 20.0 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: 124.720 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046606.D

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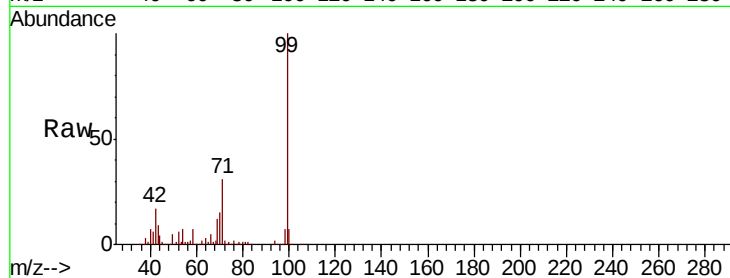
Tot Ion: 99 Resp: 643765

Ion Ratio Lower Upper

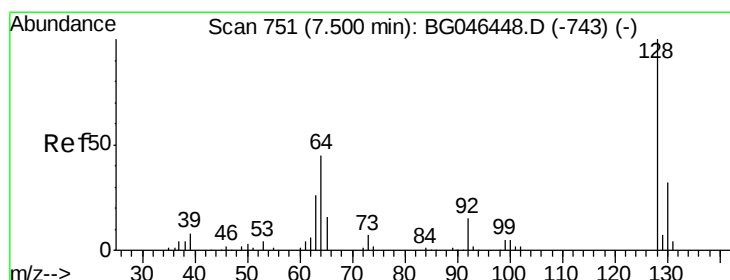
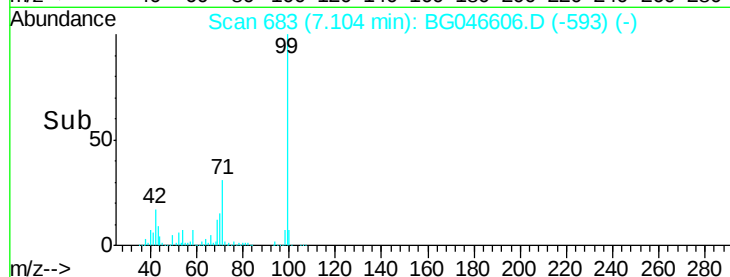
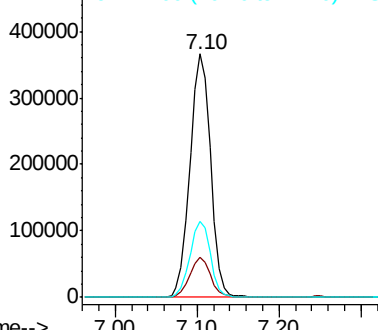
99 100

42 16.6 13.3 19.9

71 31.0 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: 53.898 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

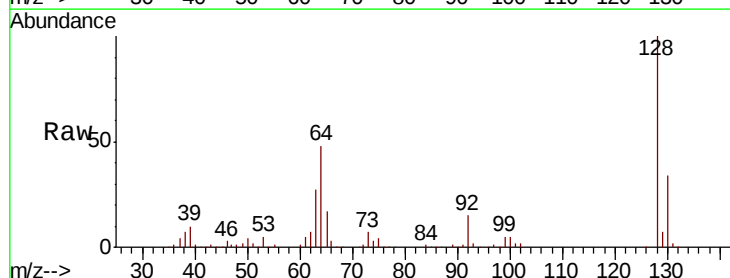
Tgt Ion: 128 Resp: 207419

Ion Ratio Lower Upper

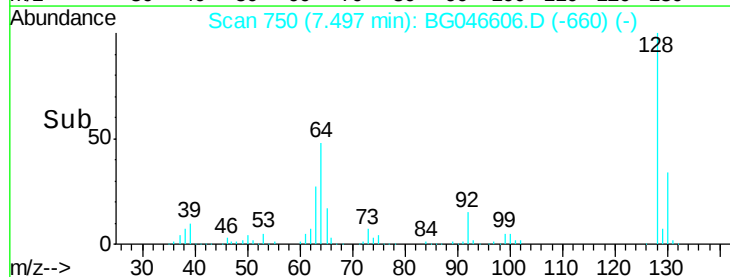
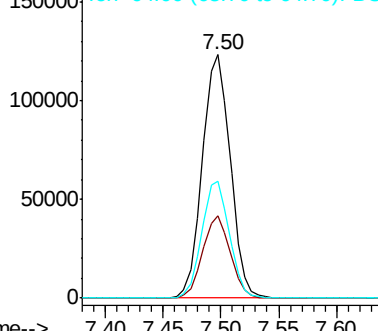
128 100

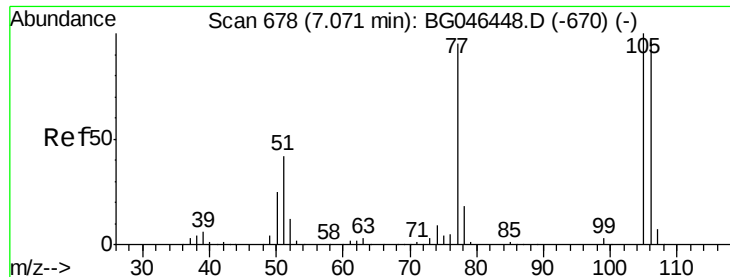
130 33.6 12.4 52.4

64 47.9 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

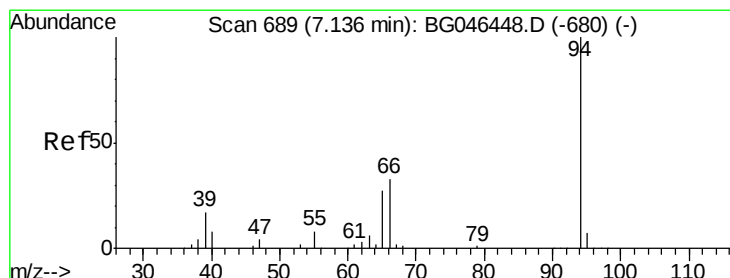
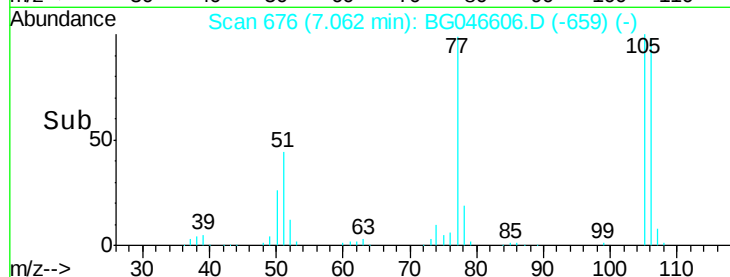
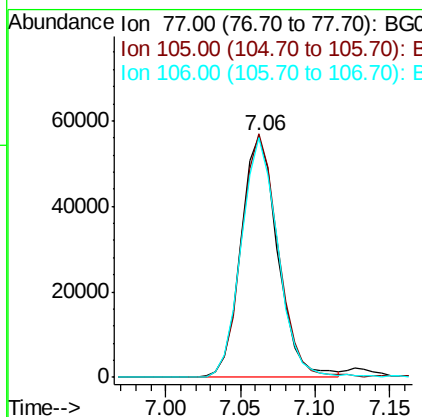
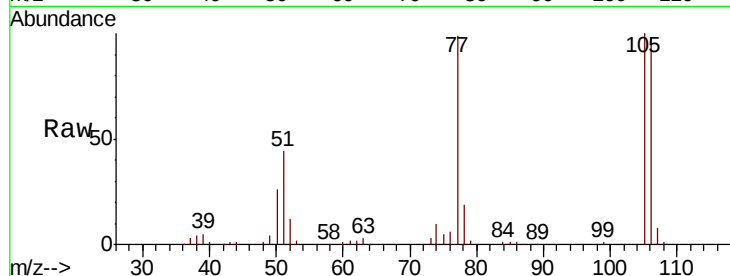




#9
Benzaldehyde
Concen: 33.377 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
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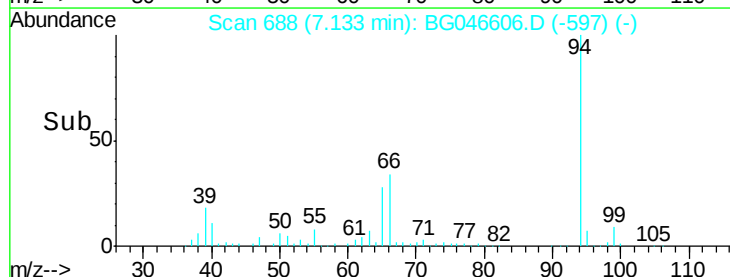
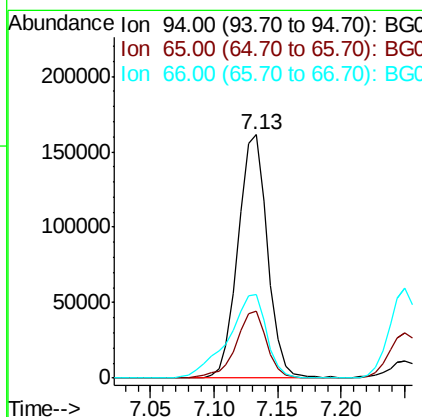
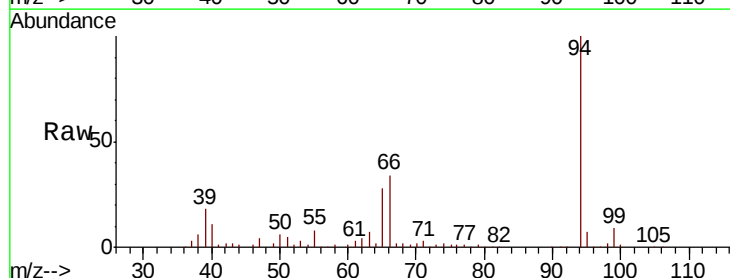
Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion: 77 Resp: 96522
Ion Ratio Lower Upper
77 100
105 100.8 85.6 125.6
106 99.2 80.8 120.8



#10
Phenol
Concen: 54.453 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion: 94 Resp: 258876
Ion Ratio Lower Upper
94 100
65 27.8 7.5 47.5
66 34.3 14.1 54.1

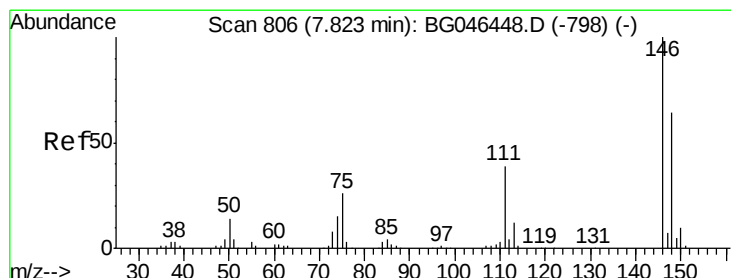
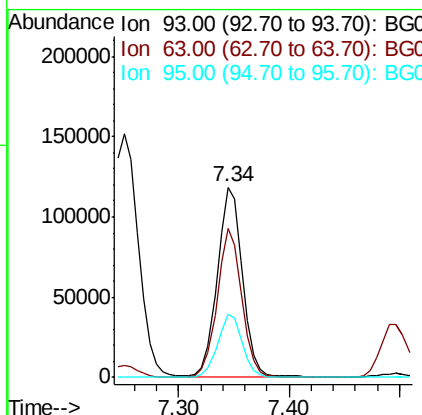
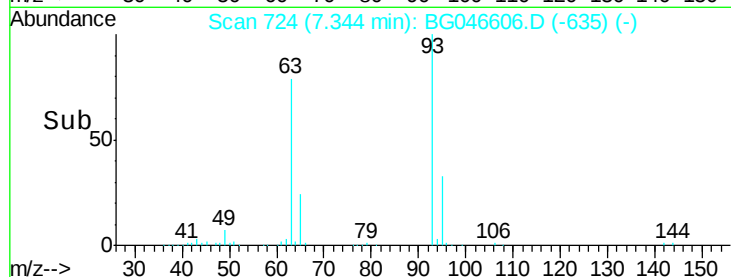
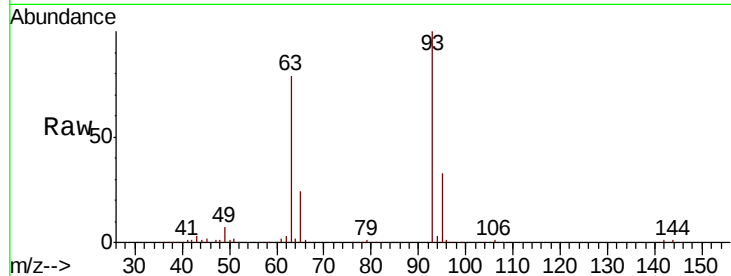




#11
bis(2-Chloroethyl)ether
Concen: 49.293 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

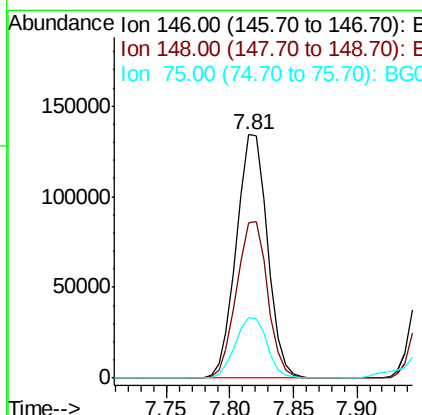
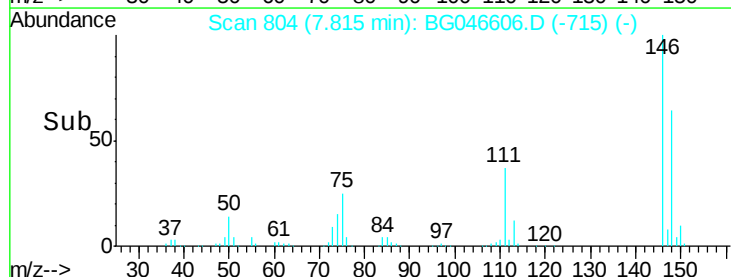
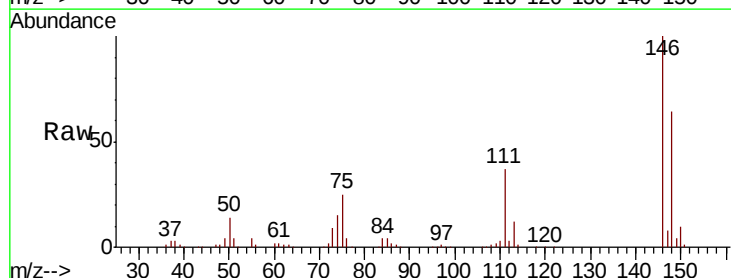
Instrument :
BNA_G
ClientSampleId :
PB131594BS

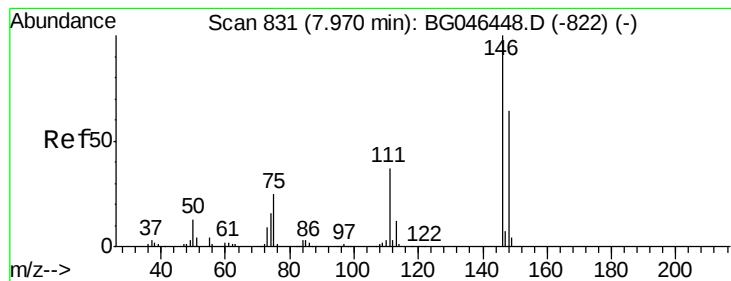
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	57.7	97.7
95	33.1	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 46.871 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	25.0	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 46.812 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

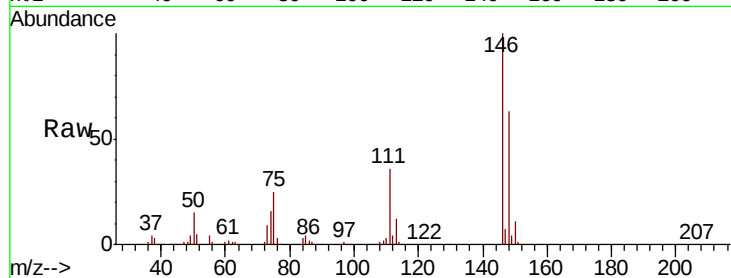
Tot Ion:146 Resp: 228980

Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

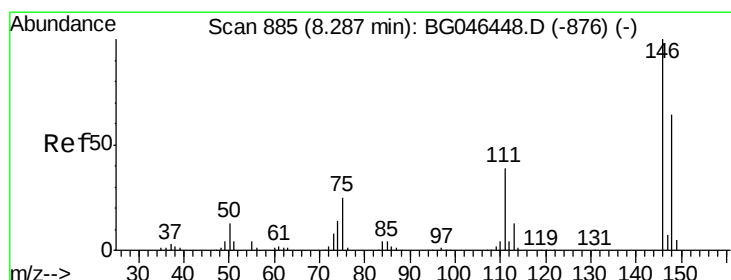
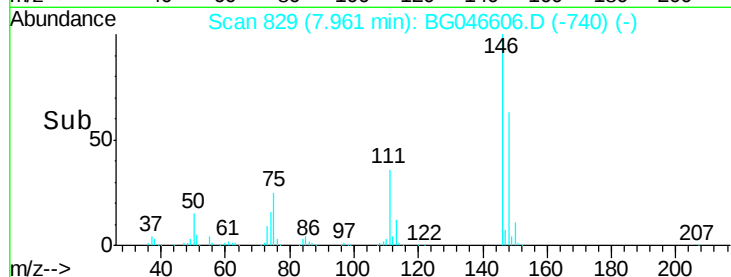
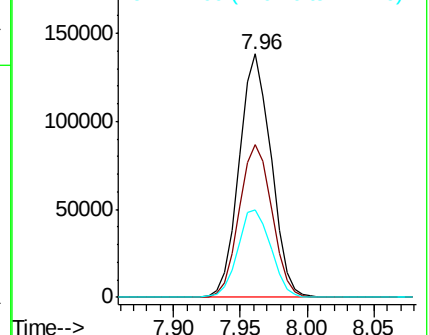
111 36.0 29.8 44.6



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: 47.916 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

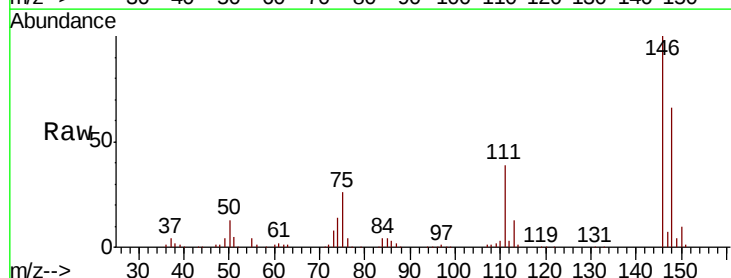
Tgt Ion:146 Resp: 224731

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.0

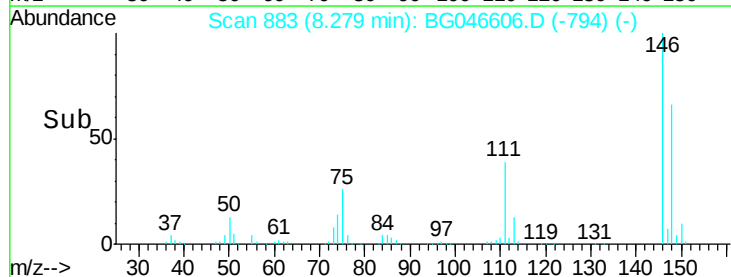
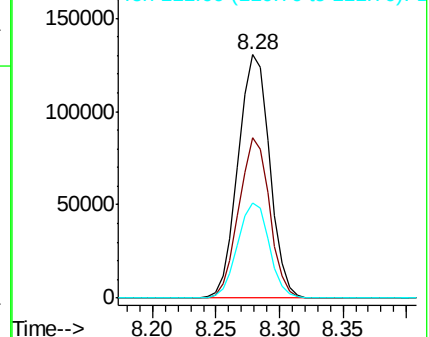
111 39.3 31.4 47.2

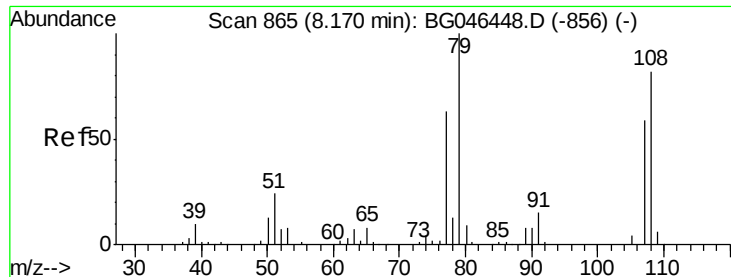


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.502 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

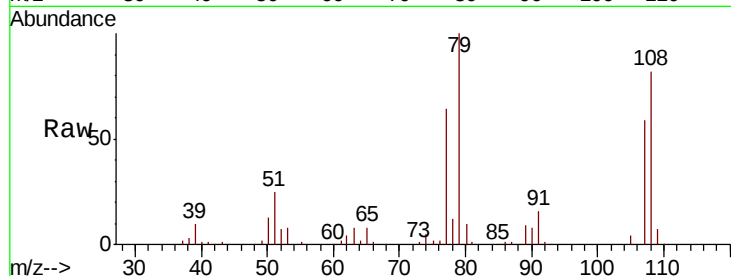
Tot Ion: 79 Resp: 177299

Ion Ratio Lower Upper

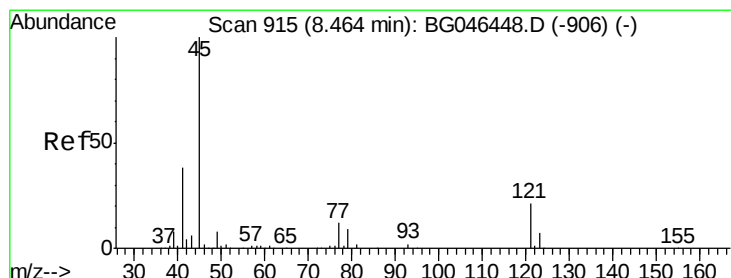
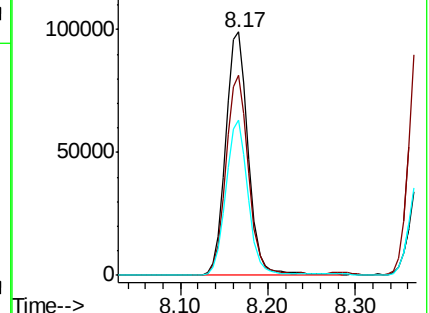
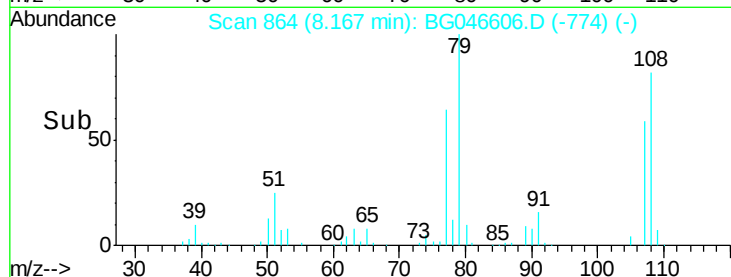
79 100

108 82.0 65.7 98.5

77 63.6 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: 46.537 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

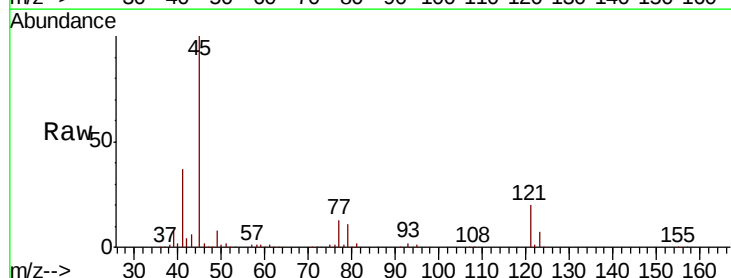
Tgt Ion: 45 Resp: 275849

Ion Ratio Lower Upper

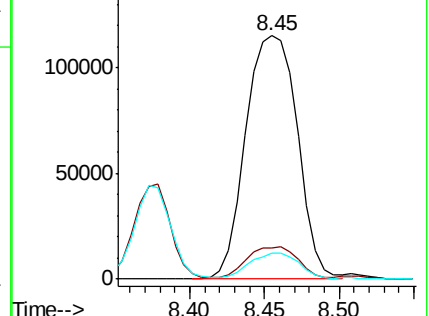
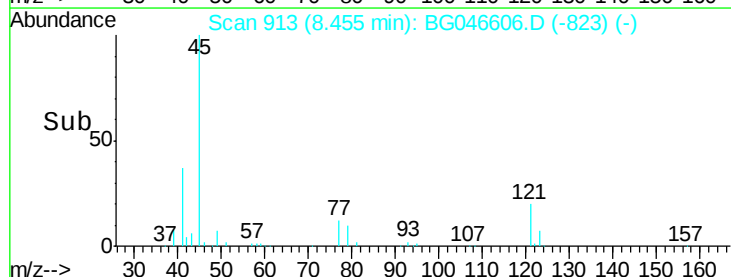
45 100

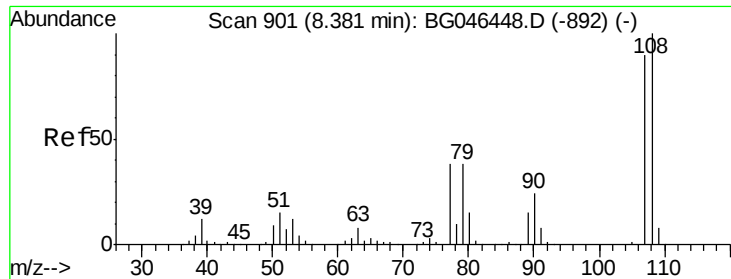
77 12.9 0.0 33.2

79 10.6 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

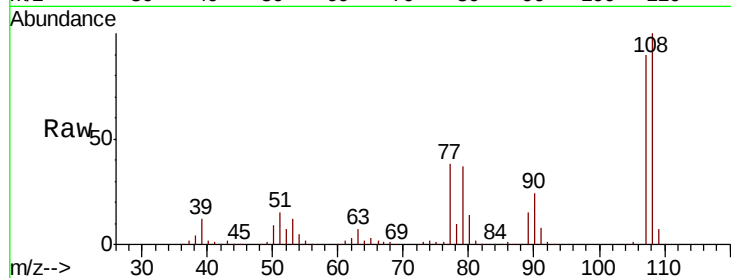




#17
2-Methylphenol
Concen: 53.900 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.0
77	42.8	34.5	51.7
79	40.9	33.8	50.6



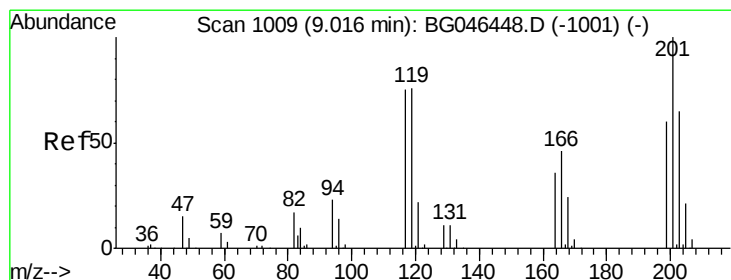
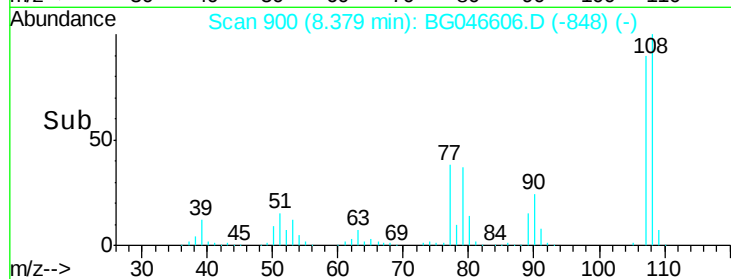
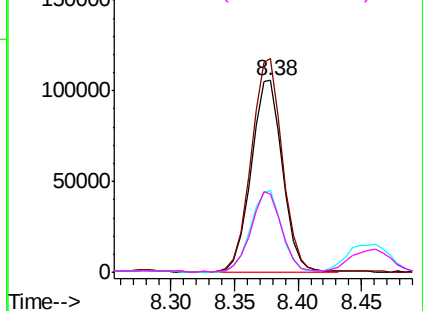
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

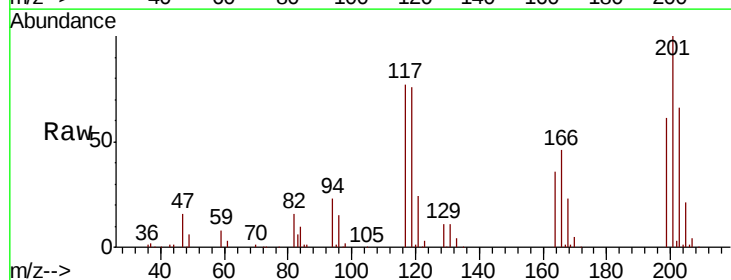
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.189 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	80.8	121.2
201	129.9	106.7	160.1

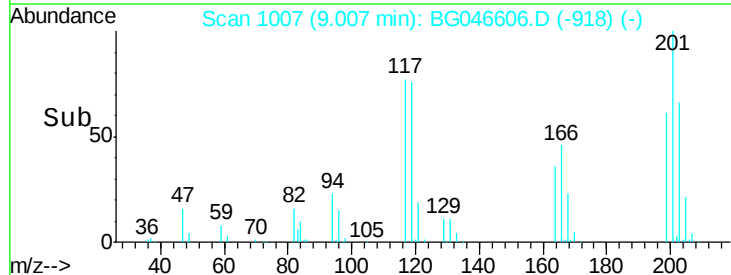
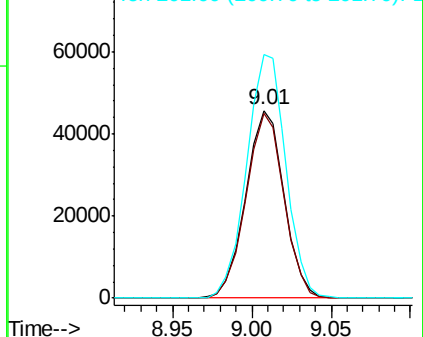


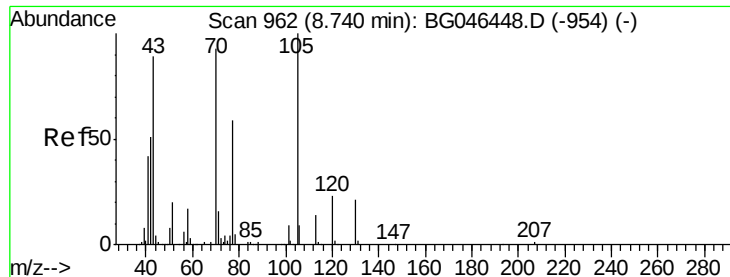
Abundance

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

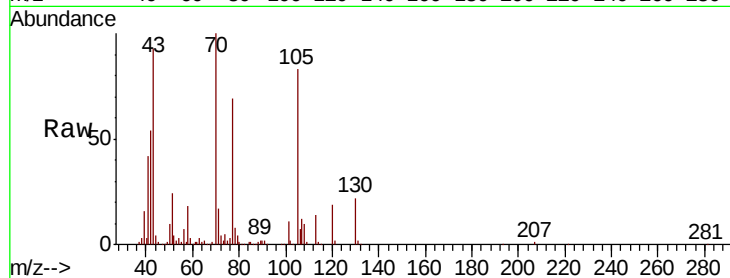




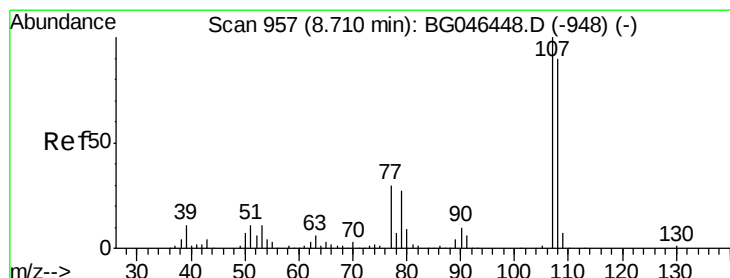
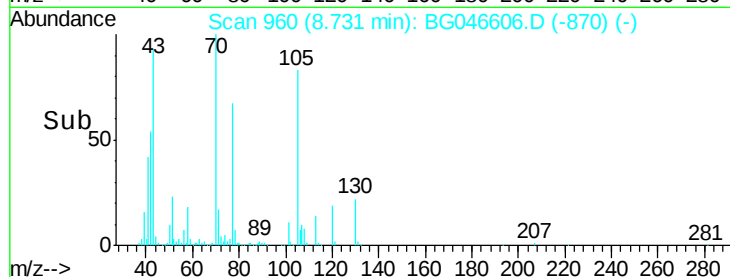
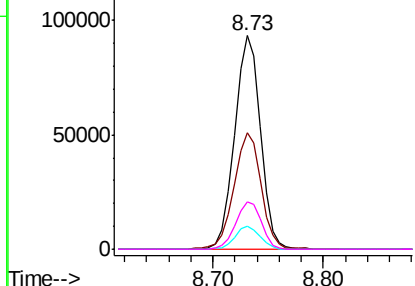
#19
n-Nitroso-di-n-propylamine
Concen: 49.825 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion:	70	Resp:	153836
Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.2	66.2
101	11.0	7.8	11.8
130	22.3	18.2	27.4

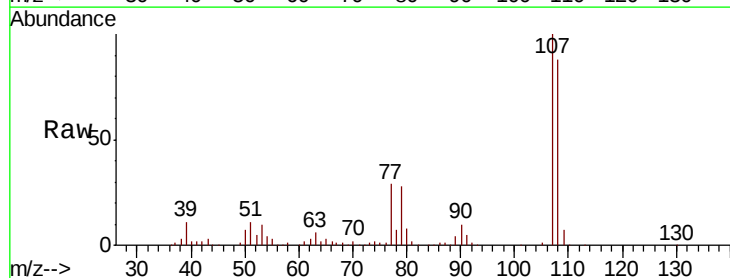


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

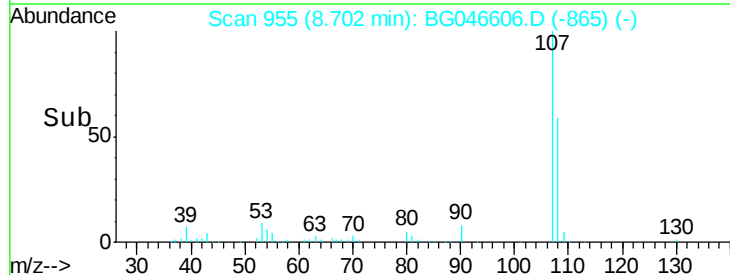
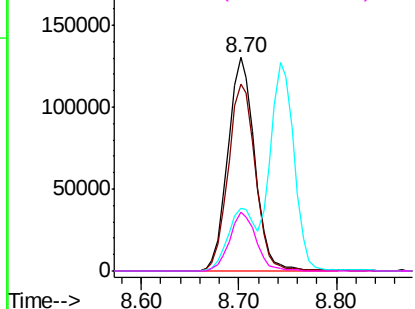


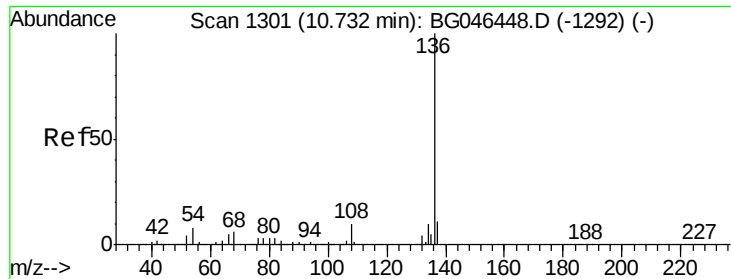
#20
3+4-Methylphenols
Concen: 53.531 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:	107	Resp:	249117
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.7	109.7
77	29.4	9.7	49.7
79	27.7	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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

Tot Ion:136 Resp: 267099

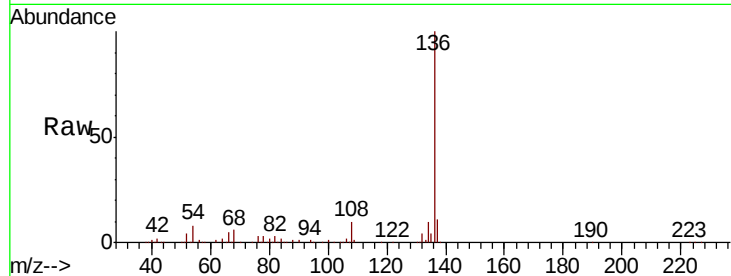
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.2 6.1 9.1

68 5.8 4.8 7.2

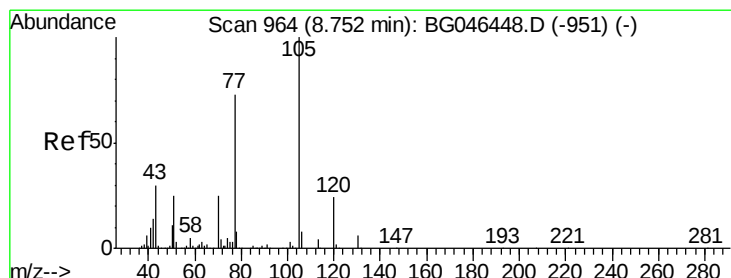
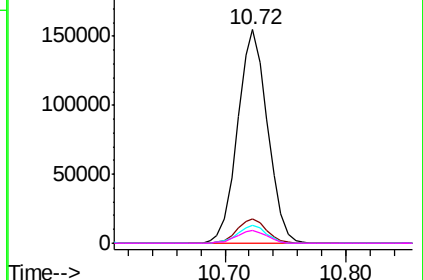
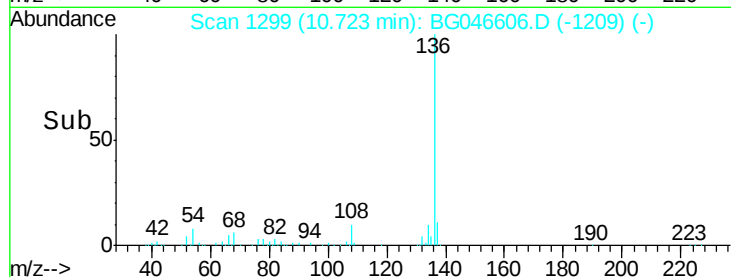


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.830 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Tgt Ion:105 Resp: 291471

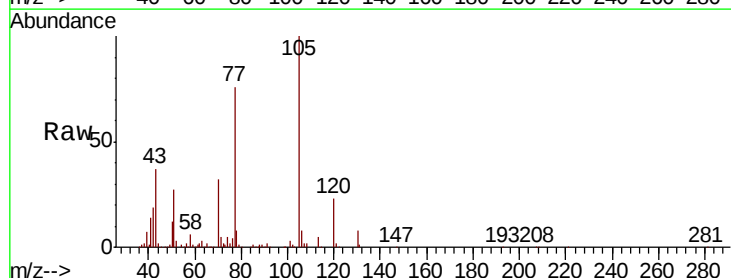
Ion Ratio Lower Upper

105 100

71 5.5 3.3 4.9#

51 26.8 20.6 31.0

120 22.7 19.0 28.6

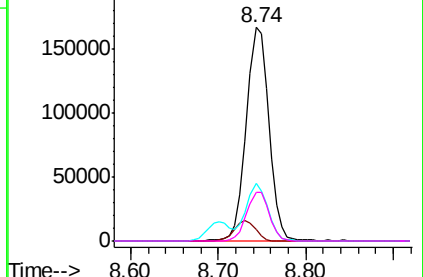
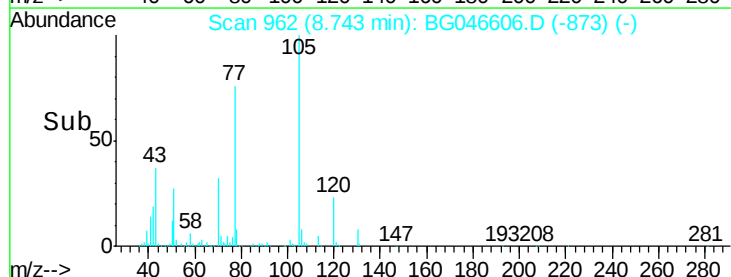


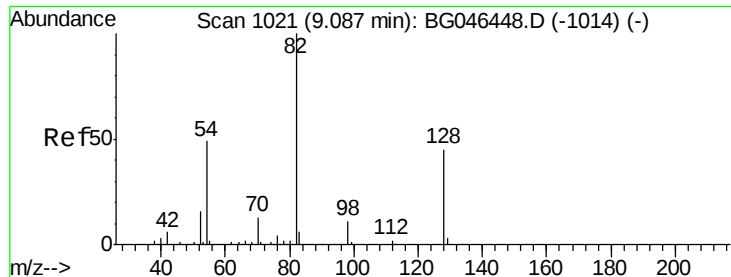
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

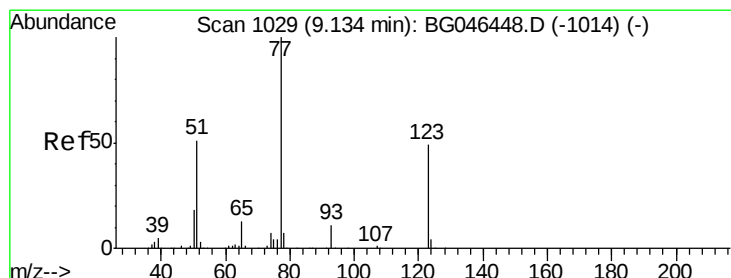
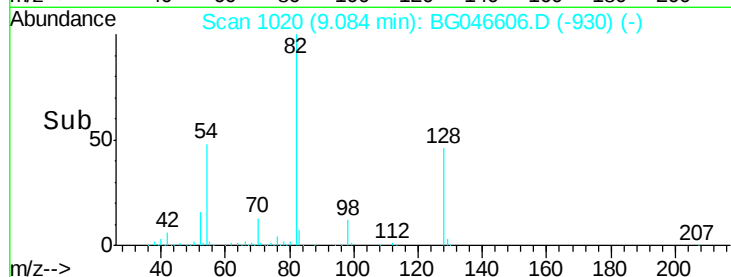
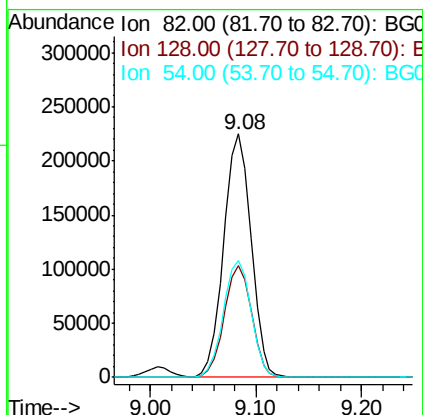
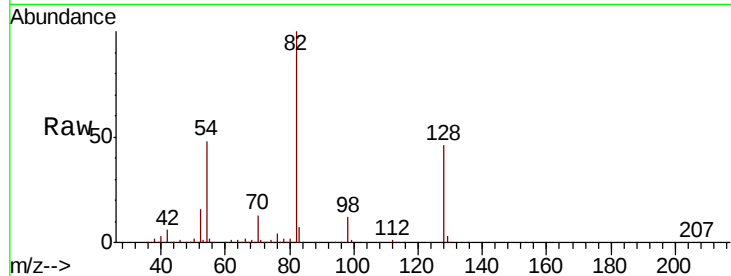




#23
Nitrobenzene-d5
Concen: 86.533 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

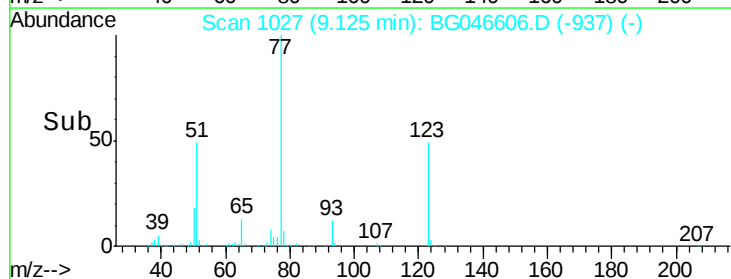
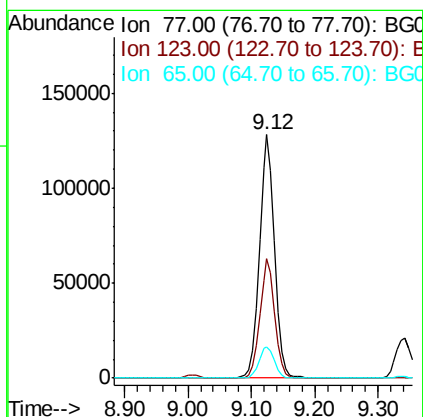
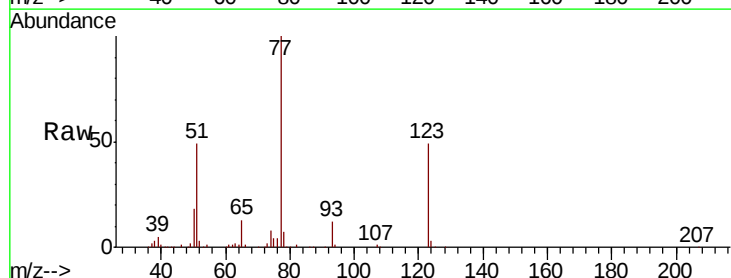
Instrument :
BNA_G
ClientSampleId :
PB131594BS

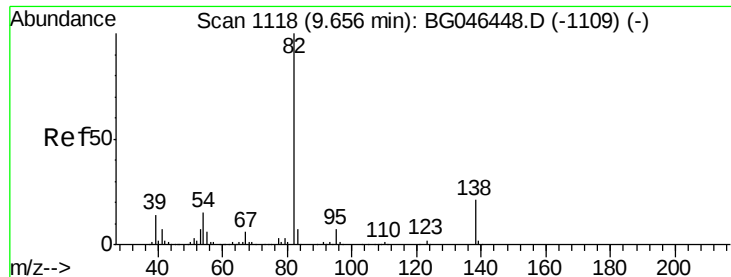
Tot Ion	82	Resp	404388
Ion Ratio	Lower	Upper	
82	100		
128	46.0	35.7	53.5
54	48.2	39.4	59.0



#24
Nitrobenzene
Concen: 47.002 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	77	Resp	217004
Ion Ratio	Lower	Upper	
77	100		
123	48.9	39.6	59.4
65	12.7	10.1	15.1





#25

Isophorone

Concen: 49.154 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

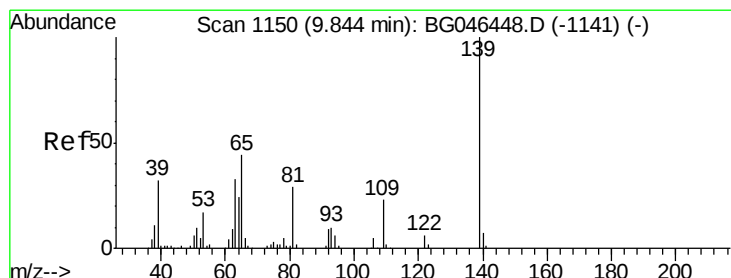
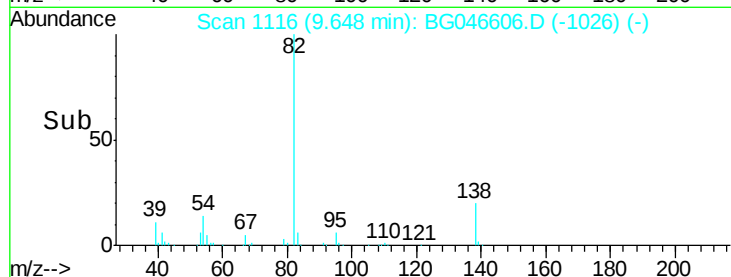
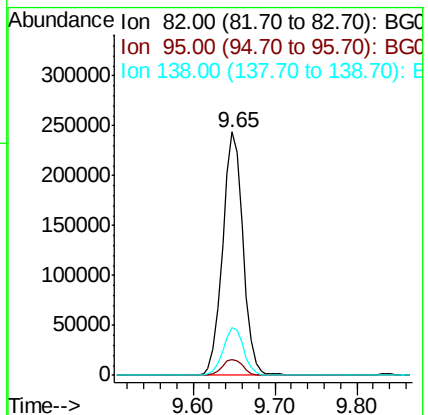
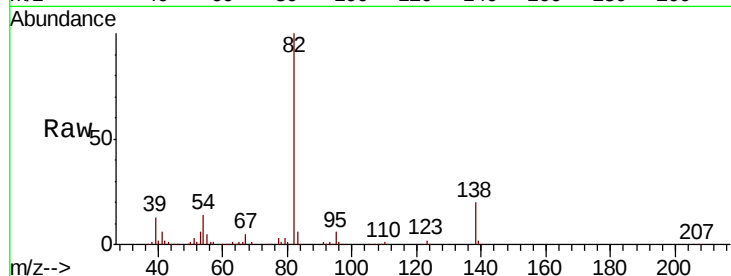
Tot Ion: 82 Resp: 421138

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 19.5 16.4 24.6



#26

2-Nitrophenol

Concen: 49.684 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

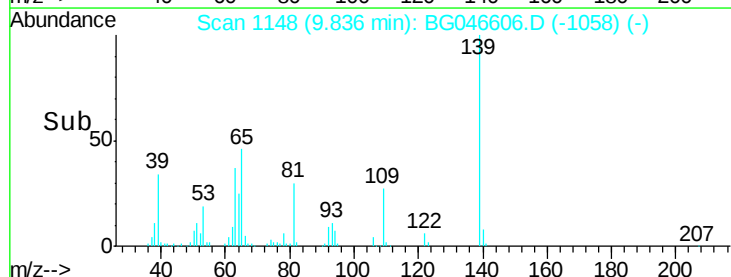
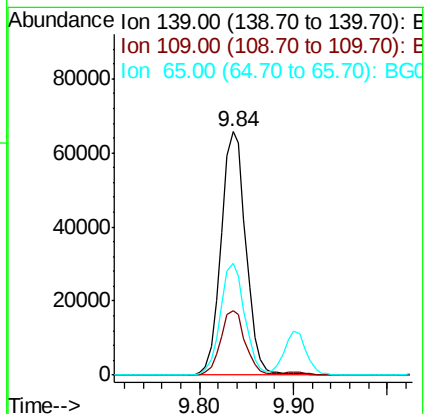
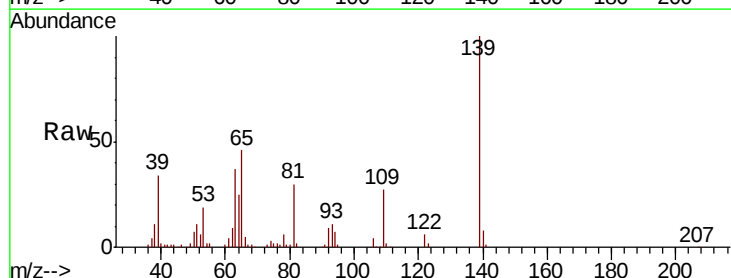
Tgt Ion: 139 Resp: 121026

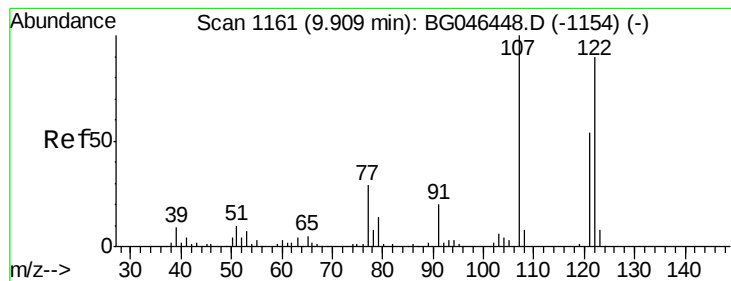
Ion Ratio Lower Upper

139 100

109 26.7 18.8 28.2

65 46.0 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 59.923 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

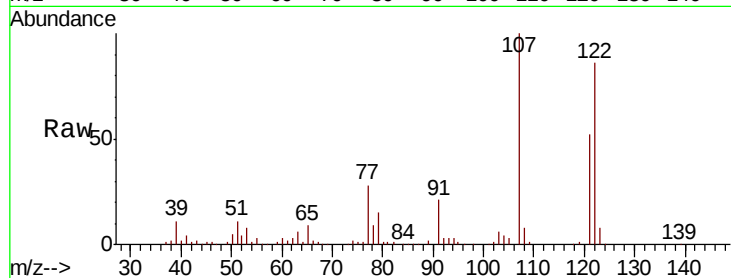
Tot Ion:122 Resp: 200760

Ion Ratio Lower Upper

122 100

107 115.9 88.2 132.2

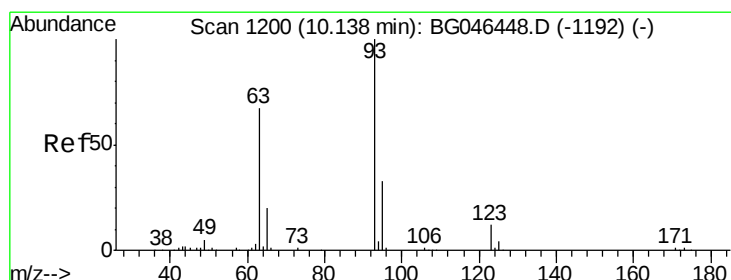
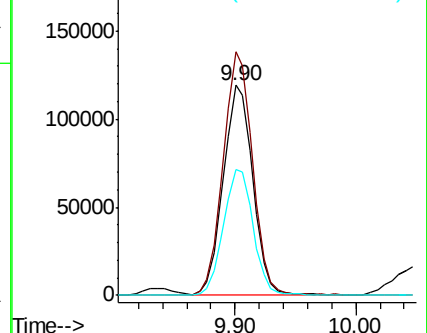
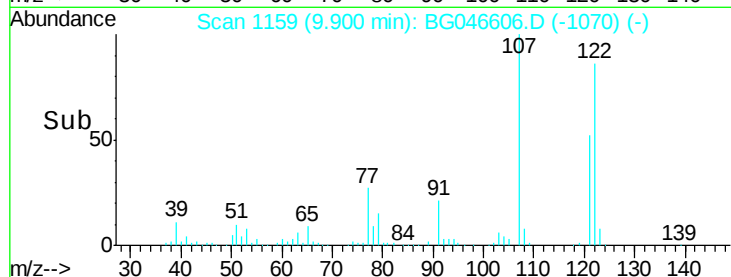
121 60.0 47.4 71.0



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: 46.549 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

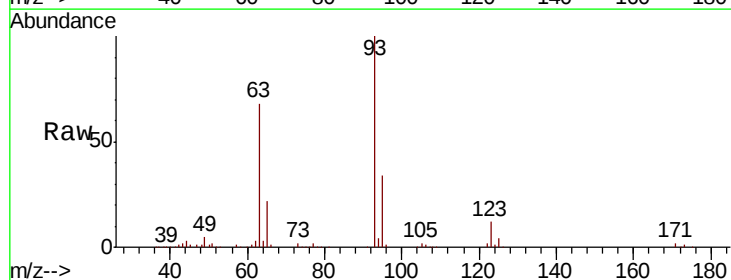
Tgt Ion: 93 Resp: 256700

Ion Ratio Lower Upper

93 100

95 33.7 26.1 39.1

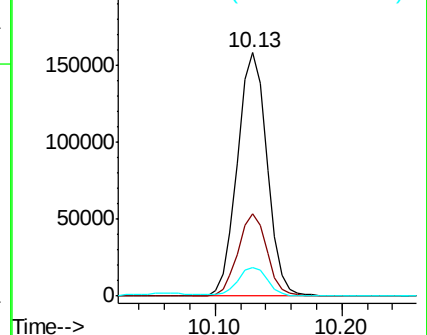
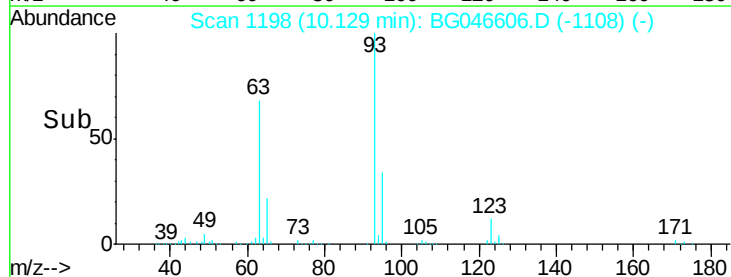
123 11.6 9.5 14.3

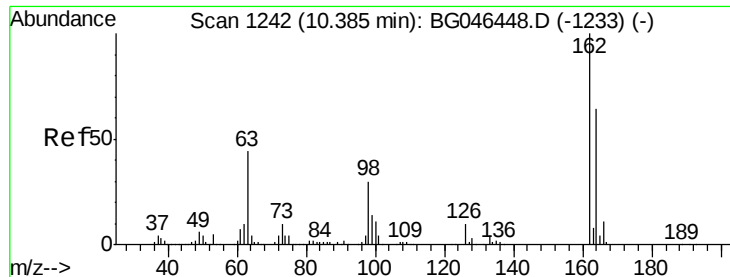


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

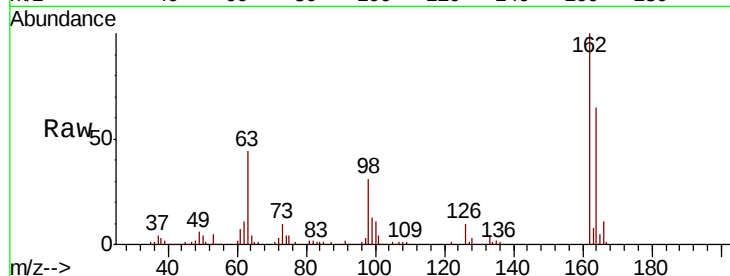




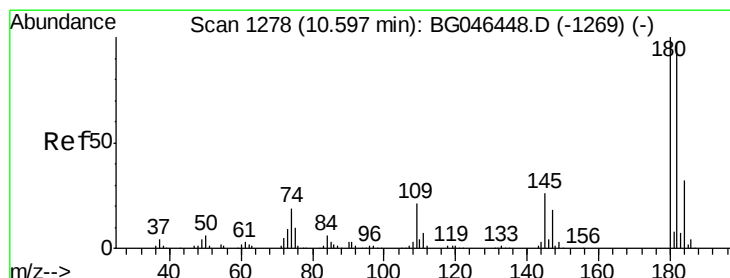
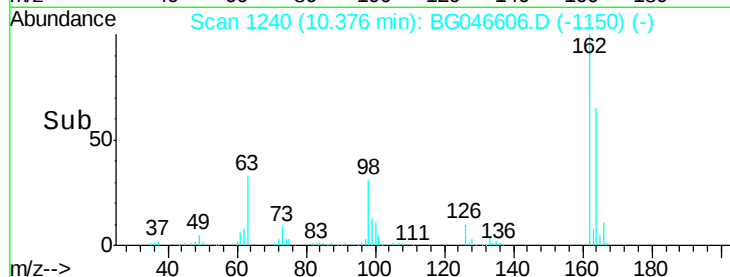
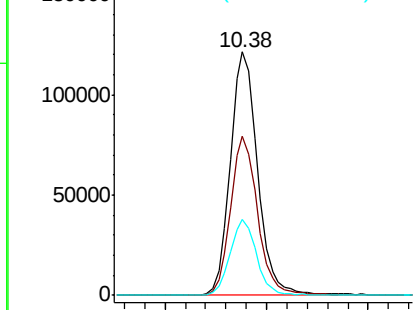
#29
 2,4-Dichlorophenol
 Concen: 50.917 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

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

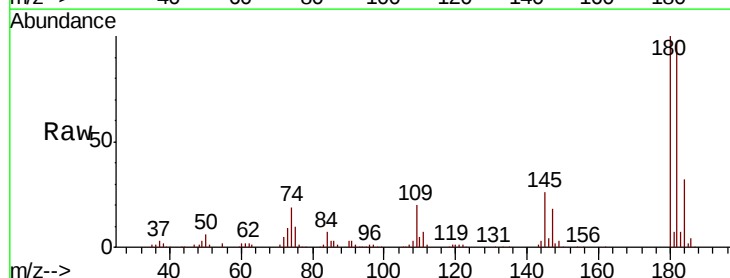


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

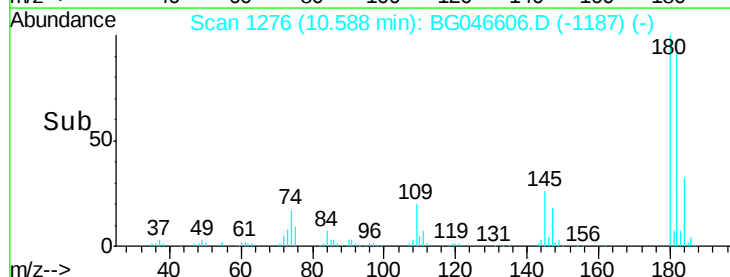
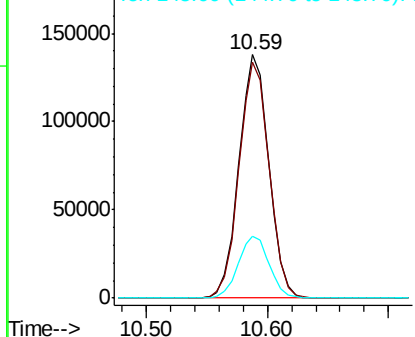


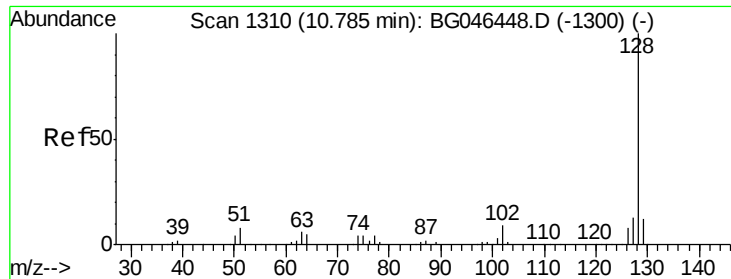
#30
 1,2,4-Trichlorobenzene
 Concen: 44.872 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.8
145	25.5	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

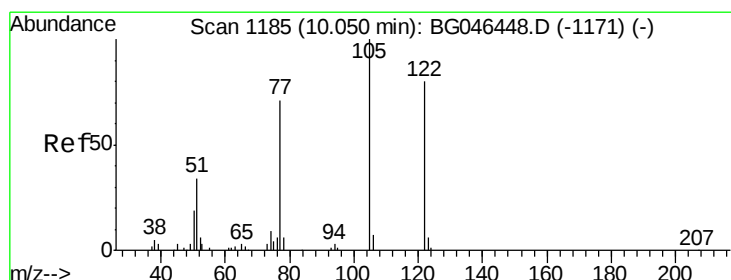
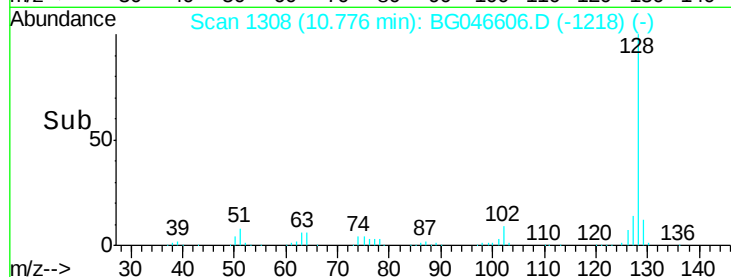
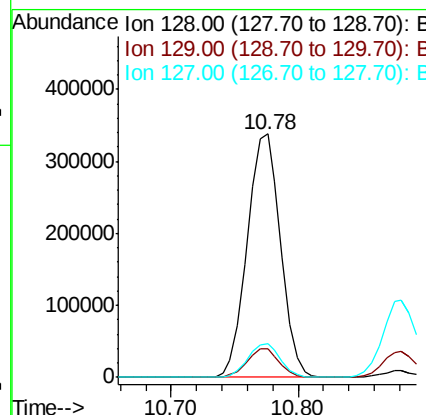
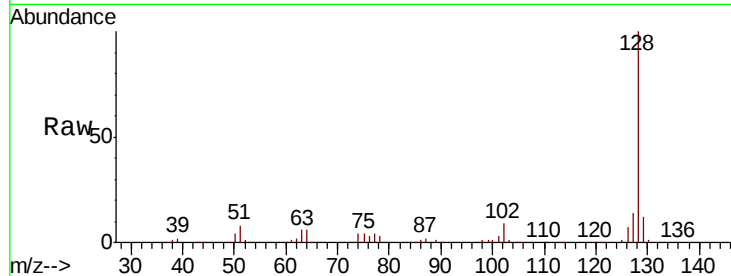




#31
Naphthalene
Concen: 47.248 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

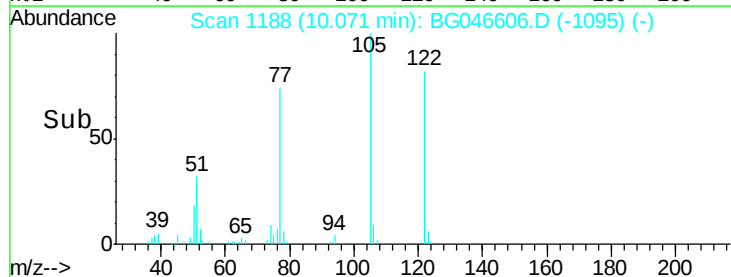
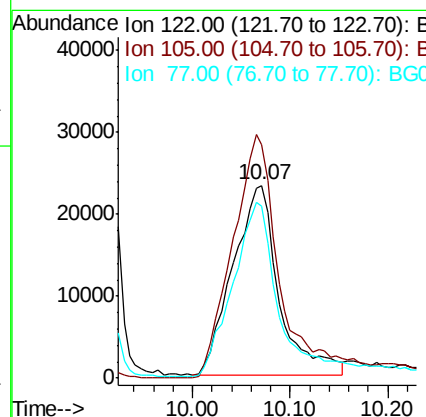
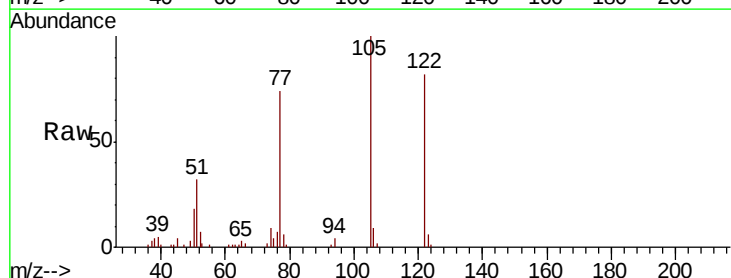
Instrument :
BNA_G
ClientSampleId :
PB131594BS

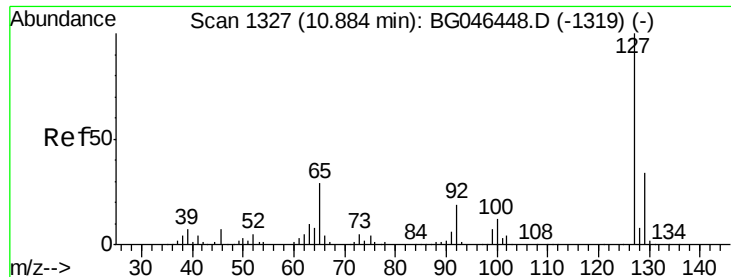
Tot Ion:128 Resp: 616189
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 34.414 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:122 Resp: 76097
Ion Ratio Lower Upper
122 100
105 121.2 102.5 142.5
77 89.3 68.2 108.2

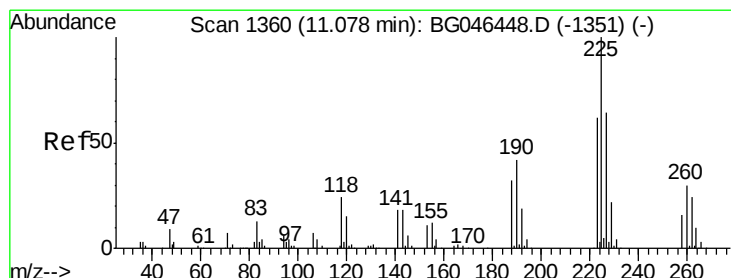
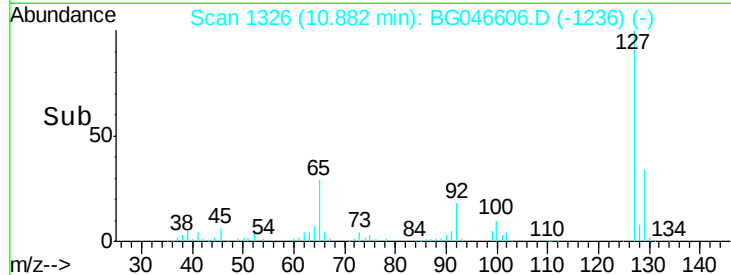
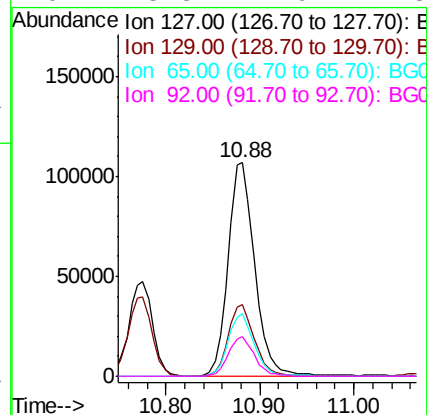
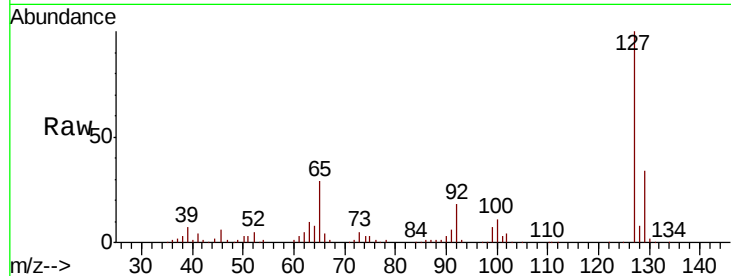




#33
4-Chloroaniline
Concen: 36.764 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

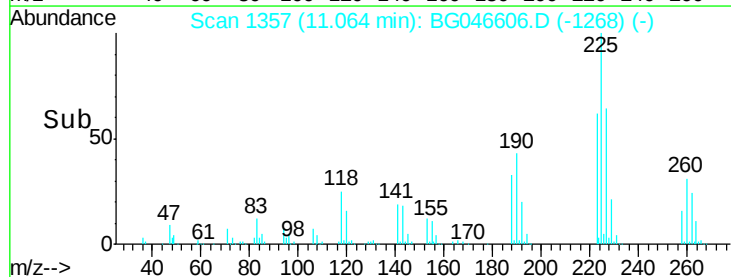
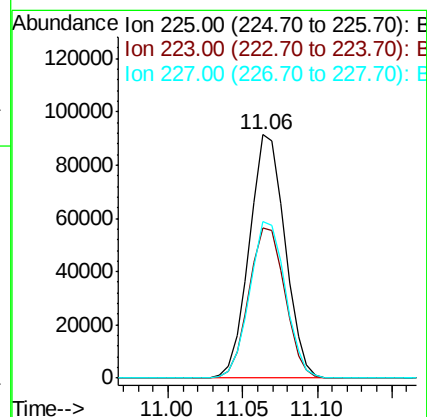
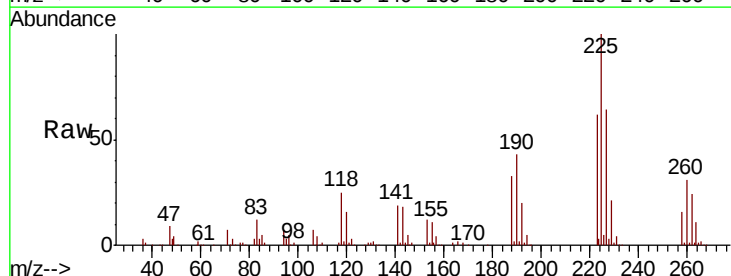
Instrument :
BNA_G
ClientSampleId :
PB131594BS

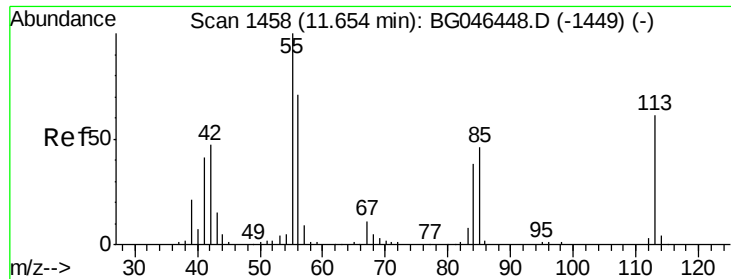
Tot Ion:	127	Resp:	211421
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.4
65	29.1	23.5	35.3
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 43.856 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:	225	Resp:	150866
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	64.2	51.6	77.4





#35

Caprolactam

Concen: 29.514 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

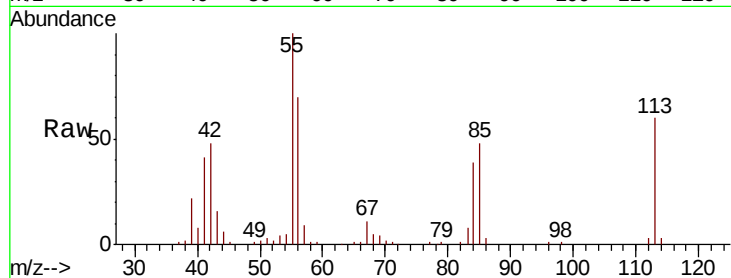
Tot Ion:113 Resp: 49274

Ion Ratio Lower Upper

113 100

55 166.0 144.2 184.2

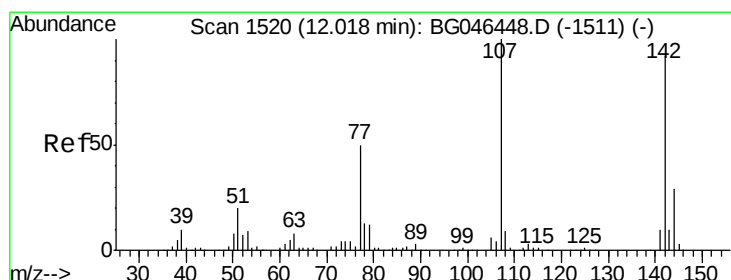
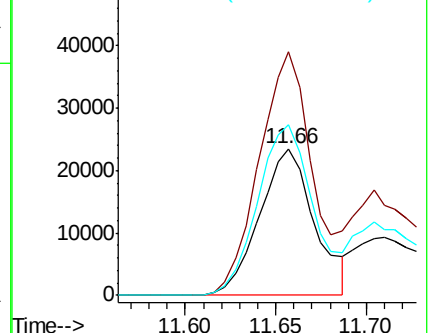
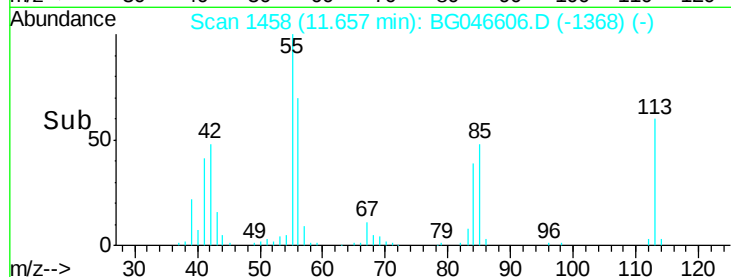
56 116.7 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.423 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

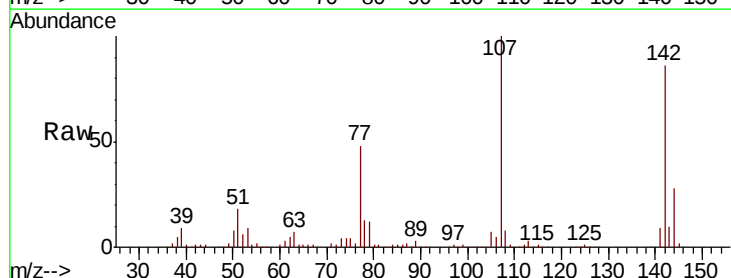
Tgt Ion:107 Resp: 228997

Ion Ratio Lower Upper

107 100

144 28.3 23.3 34.9

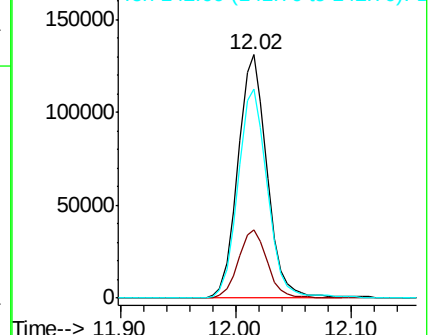
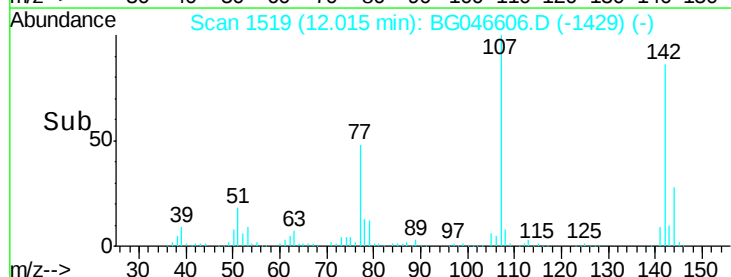
142 85.7 73.7 110.5

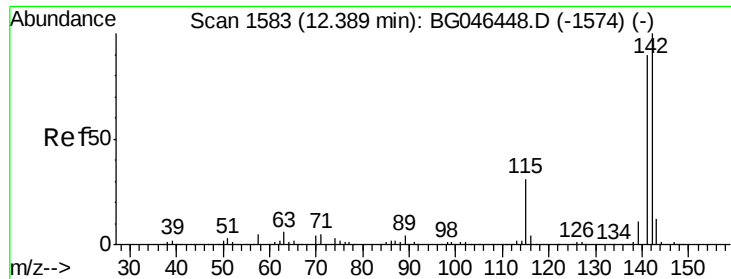


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

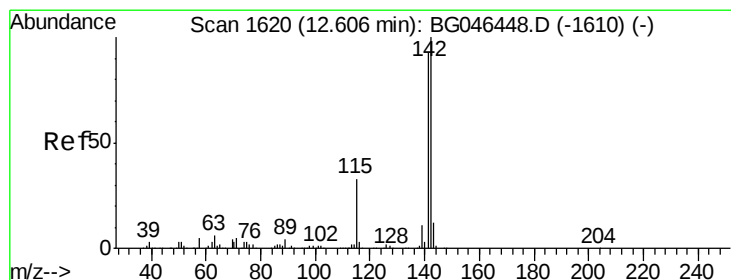
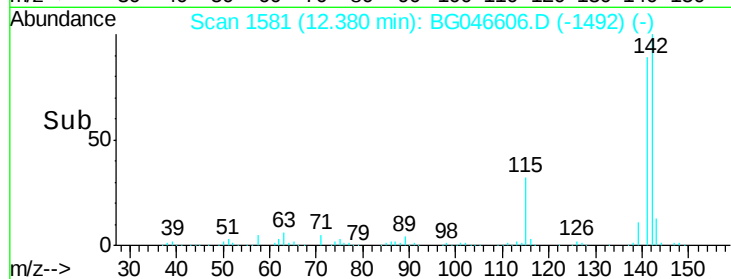
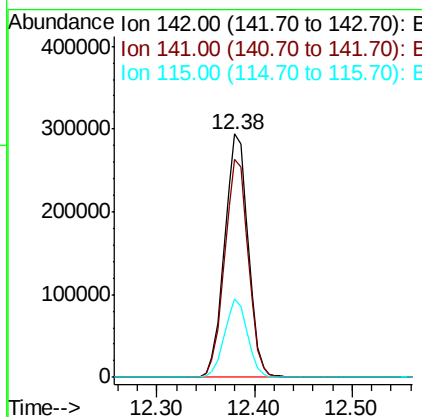
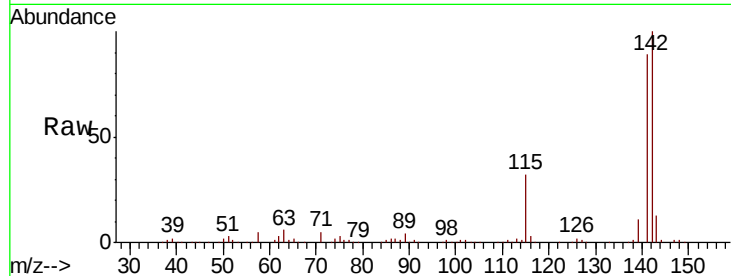




#37
2-Methylnaphthalene
Concen: 47.832 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

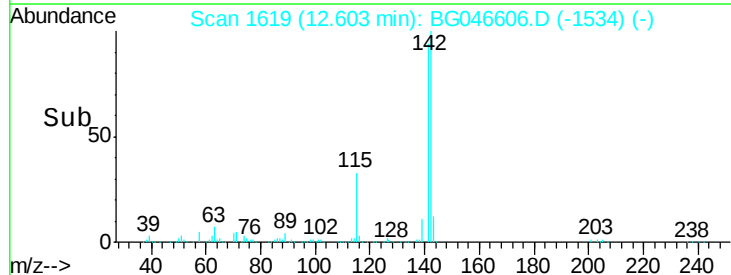
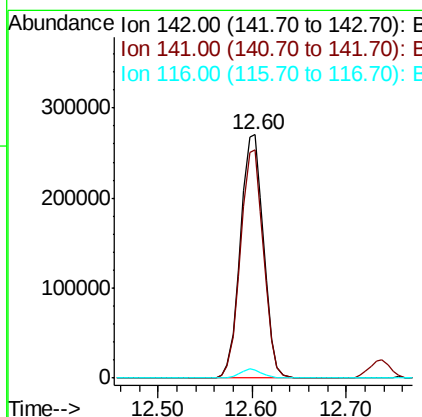
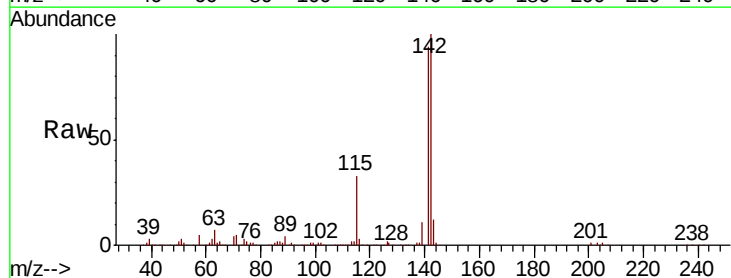
Instrument :
BNA_G
ClientSampleId :
PB131594BS

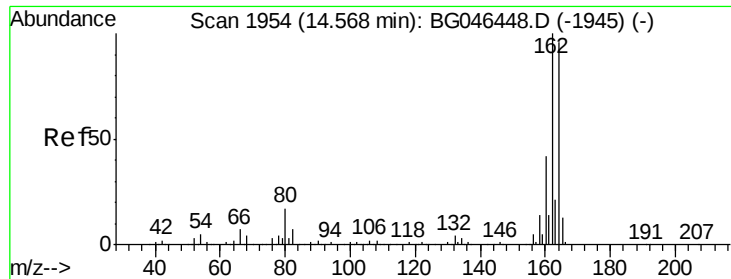
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	32.1	24.9	37.3



#38
1-Methylnaphthalene
Concen: 47.411 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	3.4	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

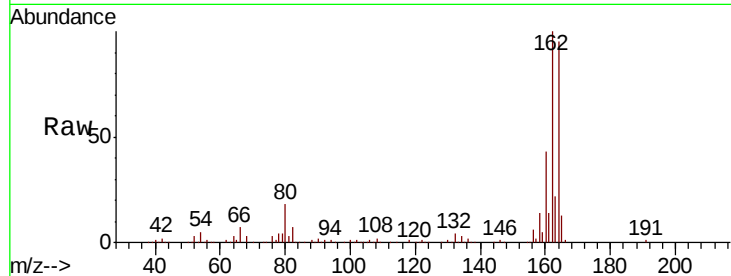
Tot Ion:164 Resp: 186967

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

160 44.9 35.0 52.6

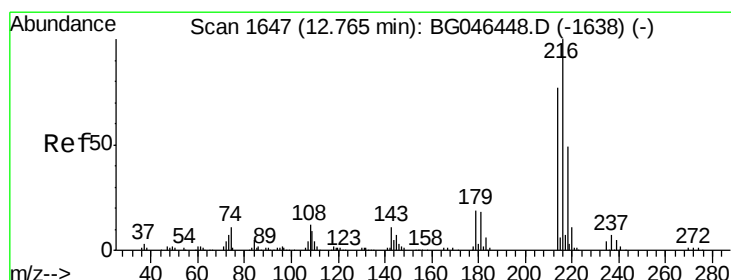
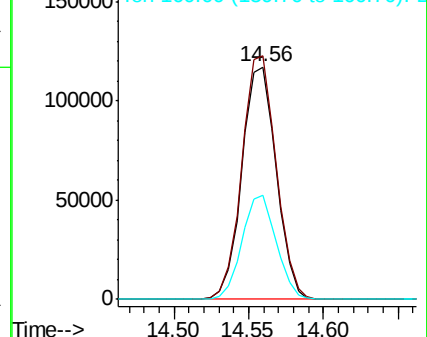
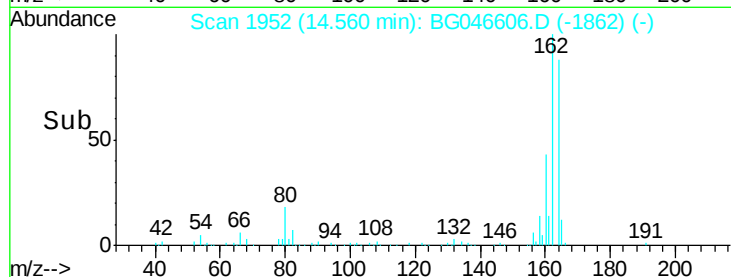


Abundance

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: 46.981 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Tgt Ion:216 Resp: 289659

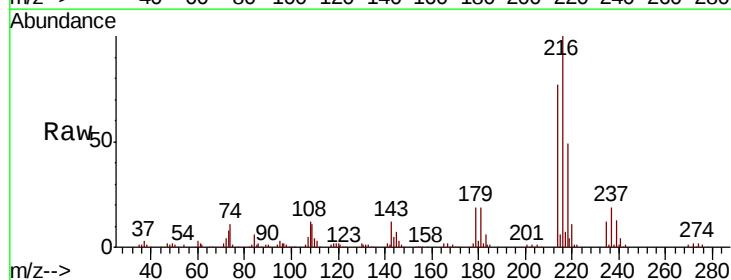
Ion Ratio Lower Upper

216 100

214 77.9 62.1 93.1

179 18.6 14.9 22.3

108 14.7 10.5 15.7



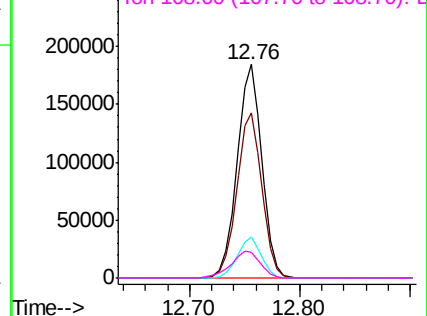
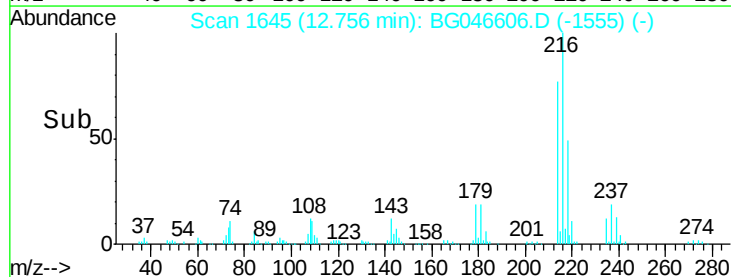
Abundance

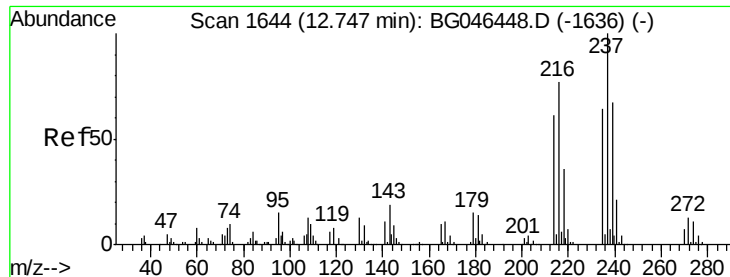
Ion 216.00 (215.70 to 216.70): E

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: 121.058 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

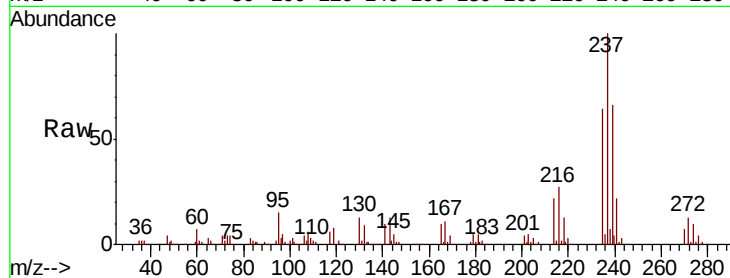
Tot Ion:237 Resp: 324543

Ion Ratio Lower Upper

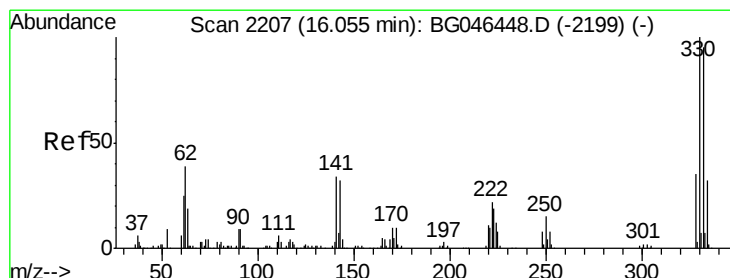
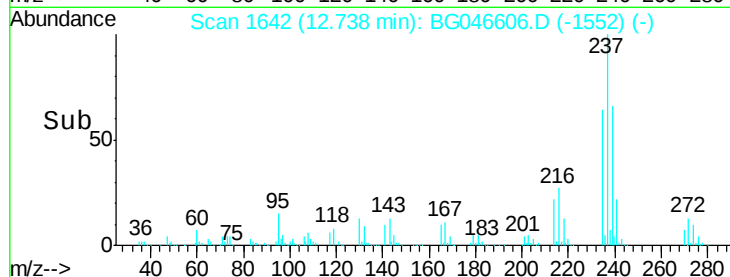
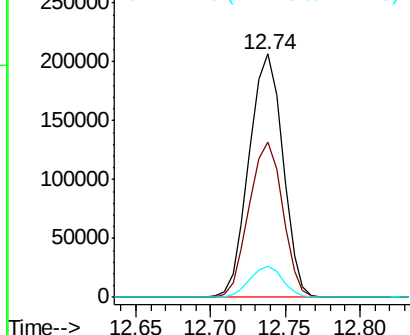
237 100

235 64.0 44.5 84.5

272 12.7 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.481 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

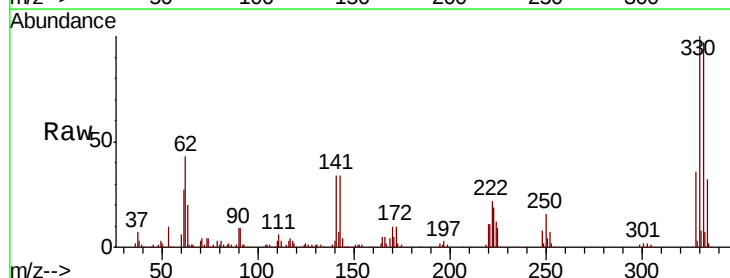
Tgt Ion:330 Resp: 300145

Ion Ratio Lower Upper

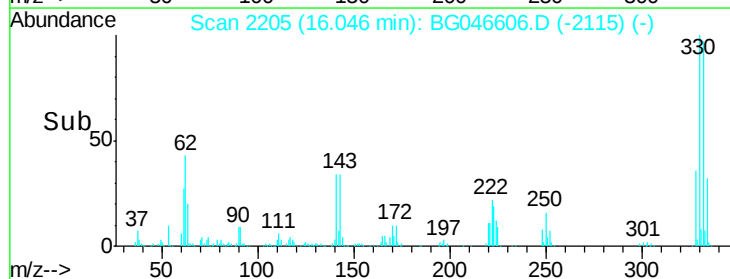
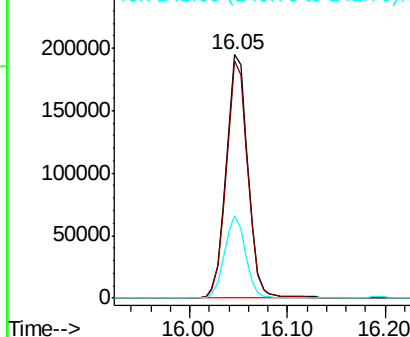
330 100

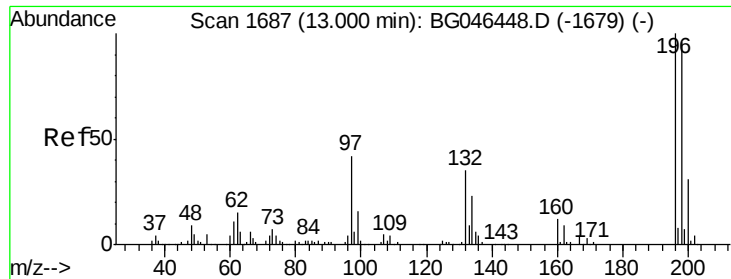
332 96.6 76.1 114.1

141 33.1 26.1 39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

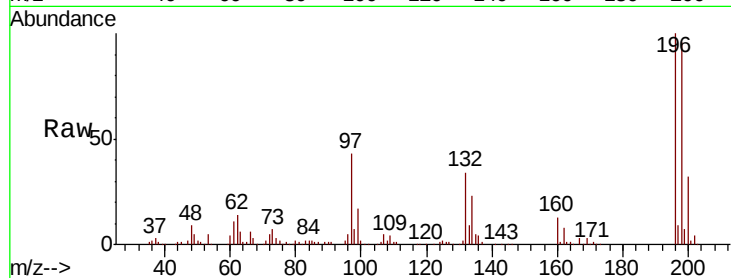




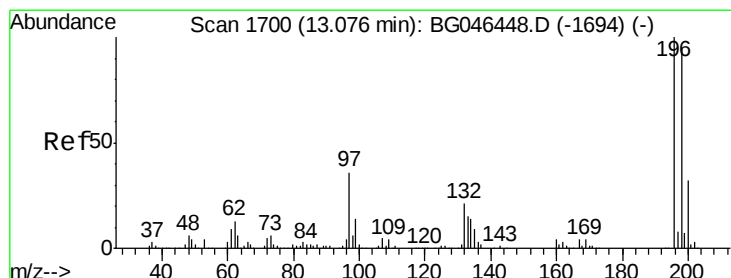
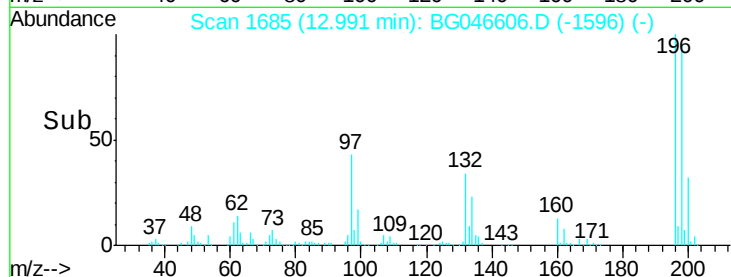
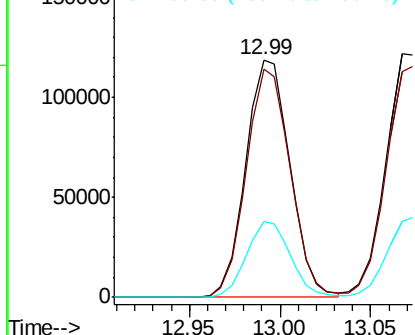
#43
 2,4,6-Trichlorophenol
 Concen: 48.416 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

Tot Ion:196 Resp: 201443
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.0 115.6
 200 32.1 25.2 37.8

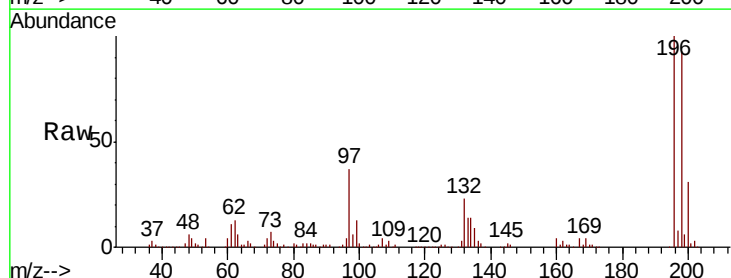


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

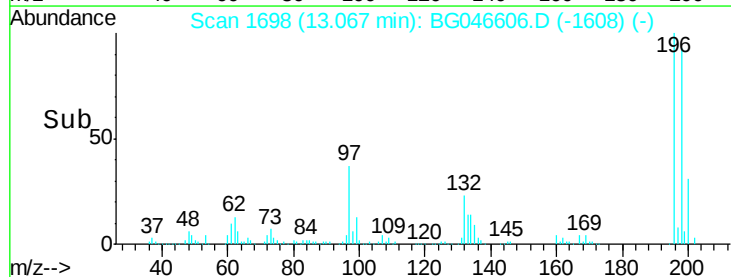
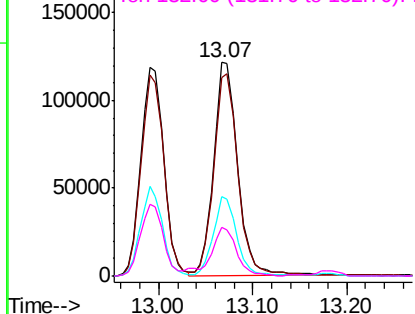


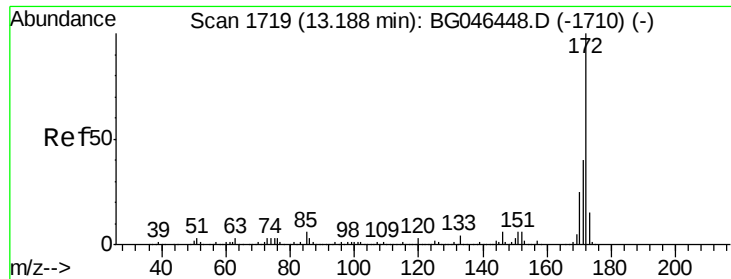
#44
 2,4,5-Trichlorophenol
 Concen: 49.857 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion:196 Resp: 217949
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.6 113.4
 97 37.3 28.6 43.0
 132 22.6 17.0 25.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

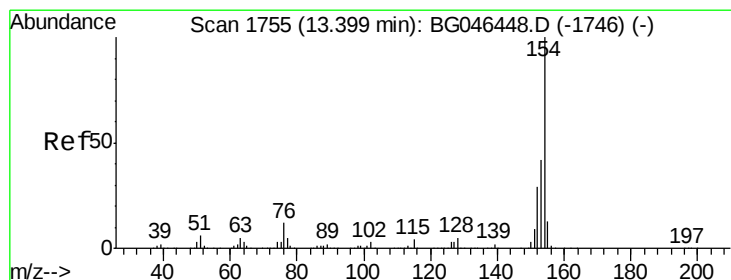
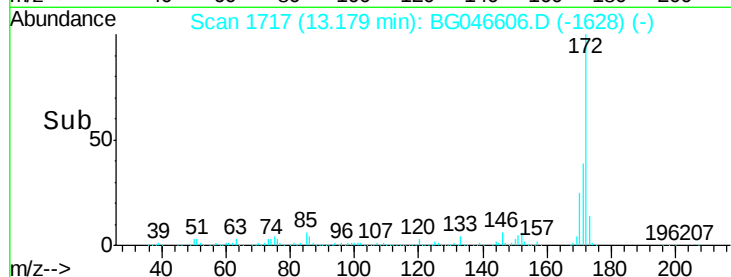
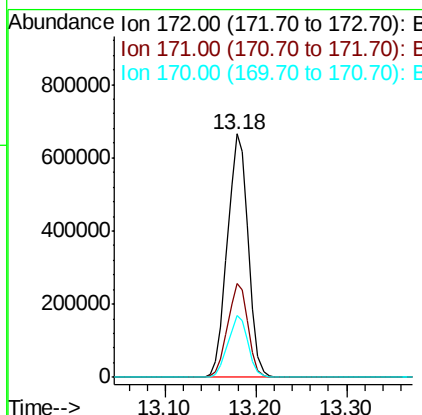
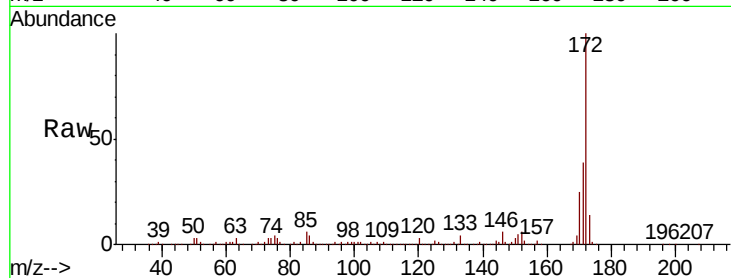




#45
2-Fluorobiphenyl
Concen: 86.301 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

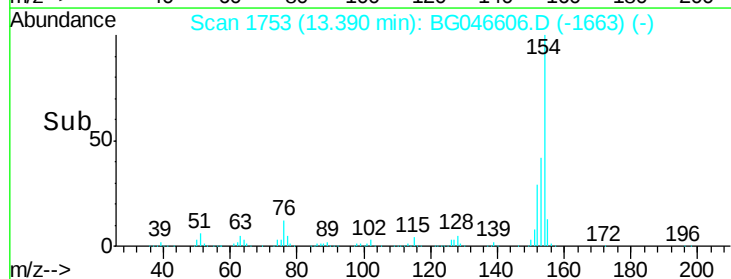
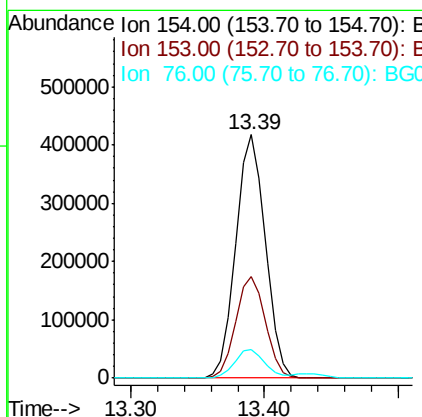
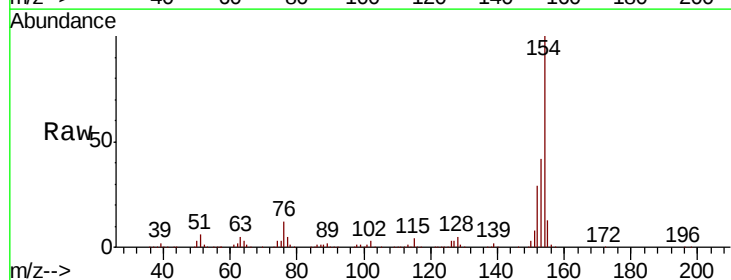
Instrument :
BNA_G
ClientSampleId :
PB131594BS

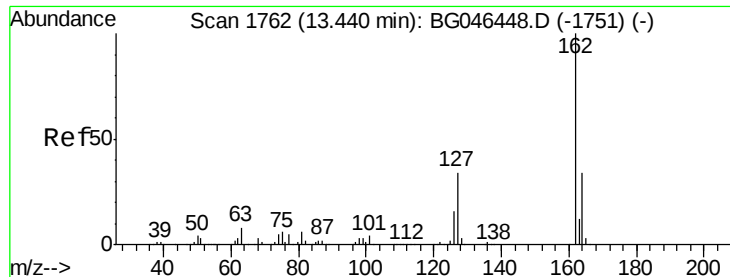
Tot Ion:172 Resp: 1056975
Ion Ratio Lower Upper
172 100
171 38.8 31.8 47.6
170 25.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 49.169 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:154 Resp: 639598
Ion Ratio Lower Upper
154 100
153 41.8 22.0 62.0
76 11.9 0.0 32.3

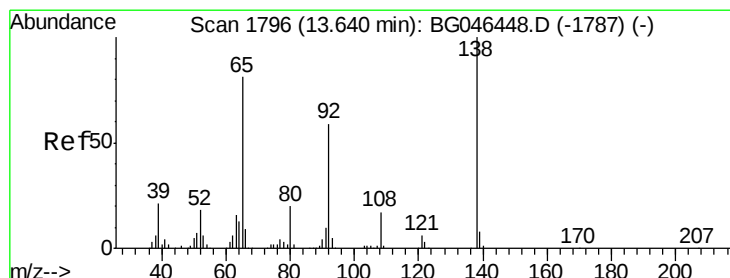
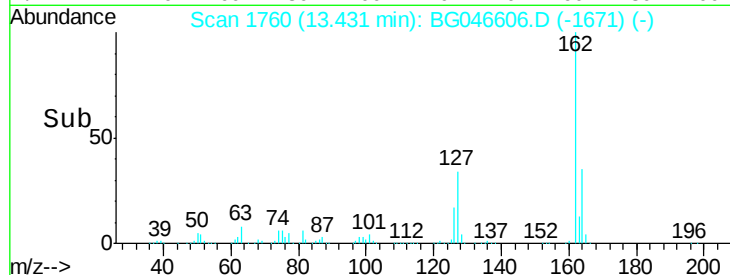
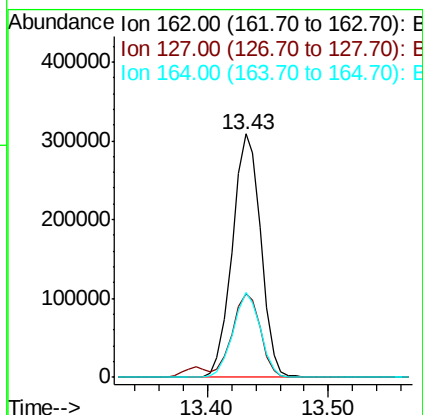
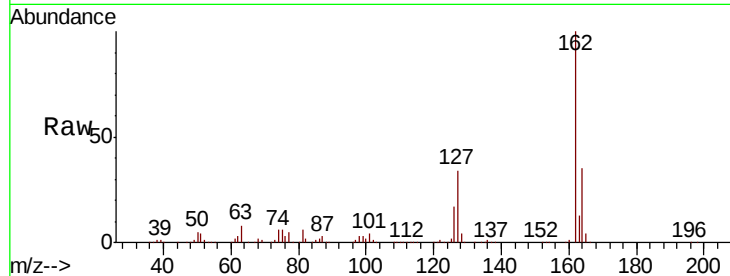




#47
2-Chloronaphthalene
Concen: 45.864 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

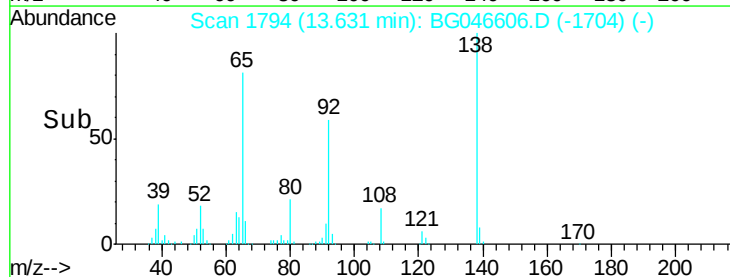
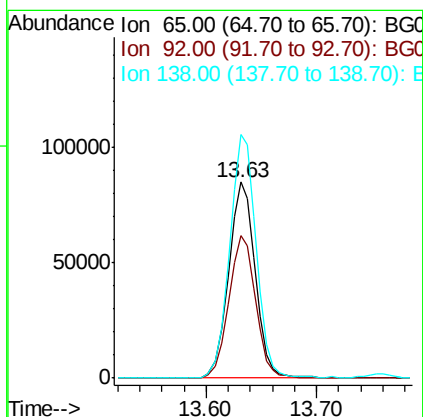
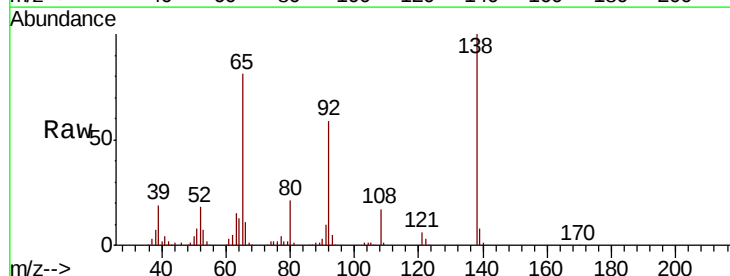
Instrument :
BNA_G
ClientSampleId :
PB131594BS

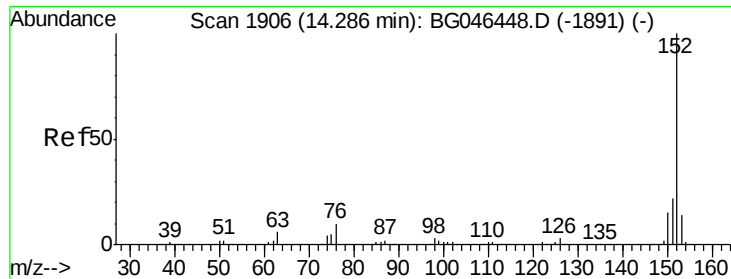
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	27.6	41.4
164	35.0	27.3	40.9



#48
2-Nitroaniline
Concen: 46.943 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	58.5	87.7
138	124.1	98.4	147.6





#49

Acenaphthylene

Concen: 48.504 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

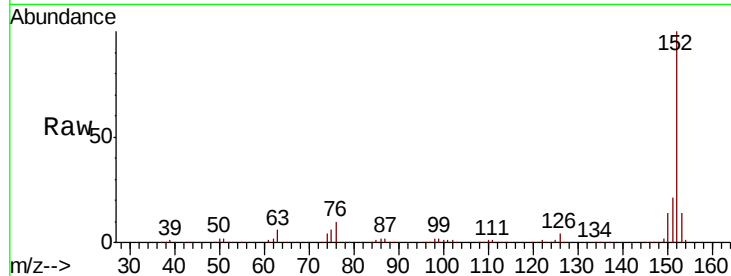
Tot Ion:152 Resp: 811482

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

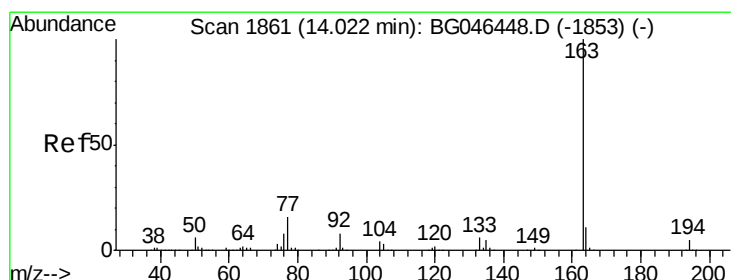
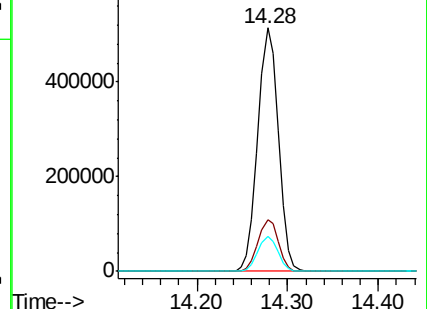
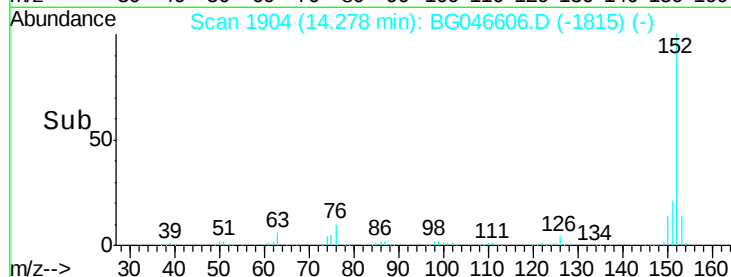
153 14.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.650 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

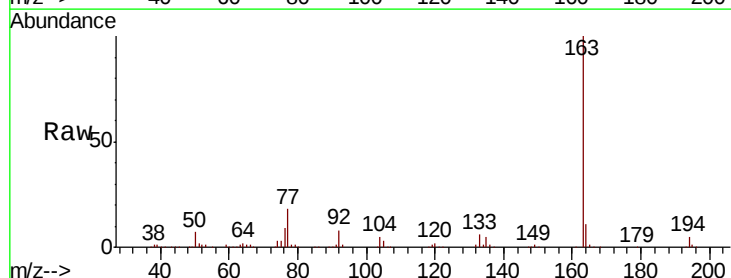
Tgt Ion:163 Resp: 674785

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

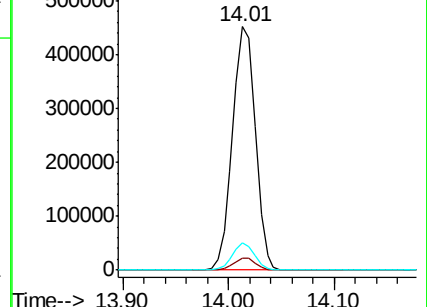
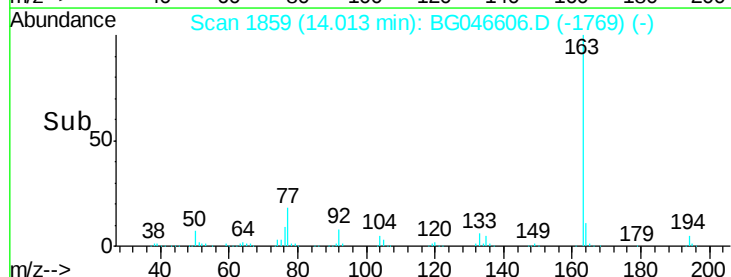
164 11.1 8.6 12.8

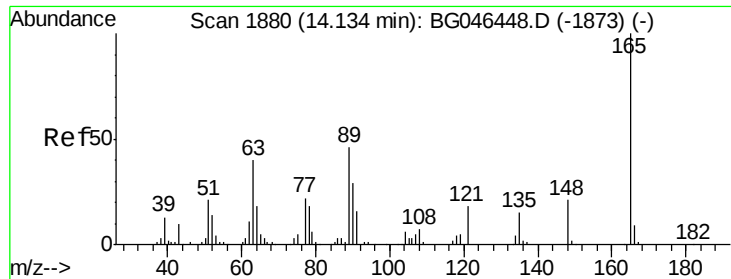


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

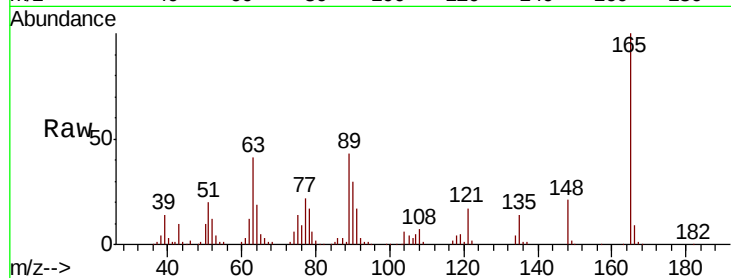




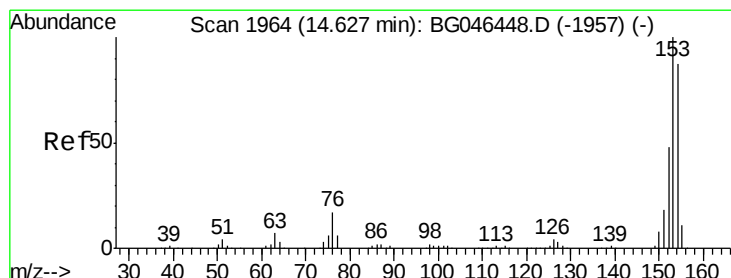
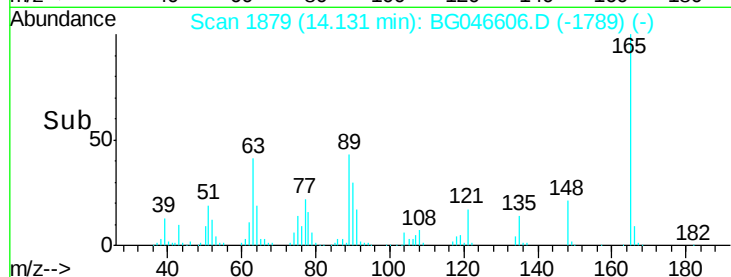
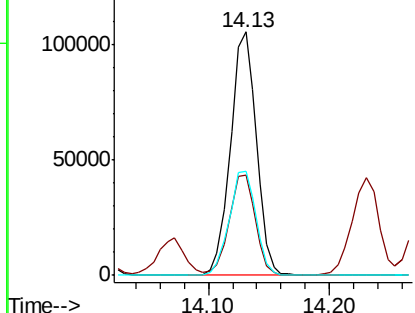
#51
 2,6-Dinitrotoluene
 Concen: 49.408 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	34.2	51.4
89	43.0	37.0	55.4

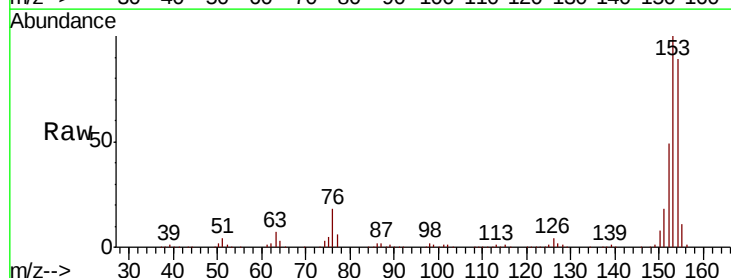


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

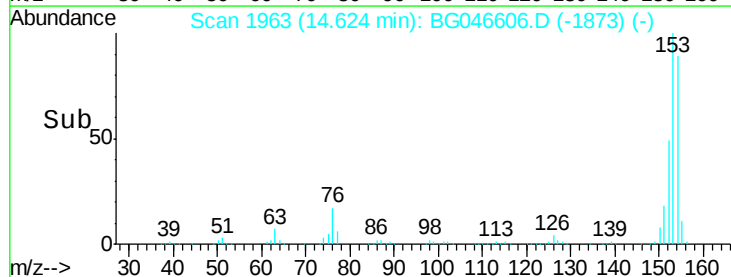
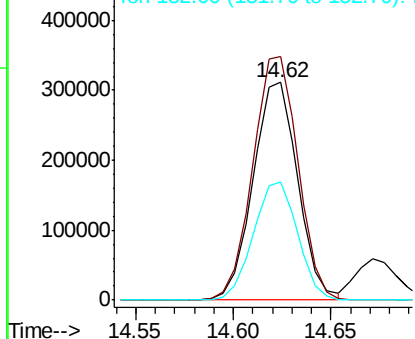


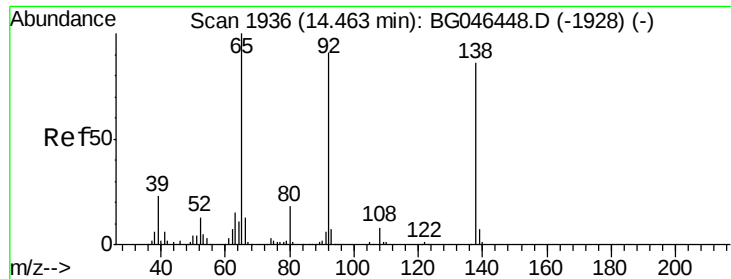
#52
 Acenaphthene
 Concen: 47.721 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.9	137.9
152	54.6	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

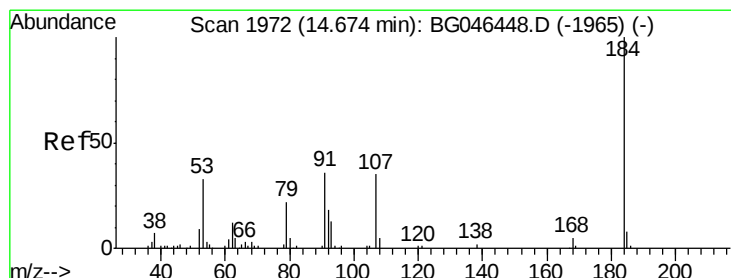
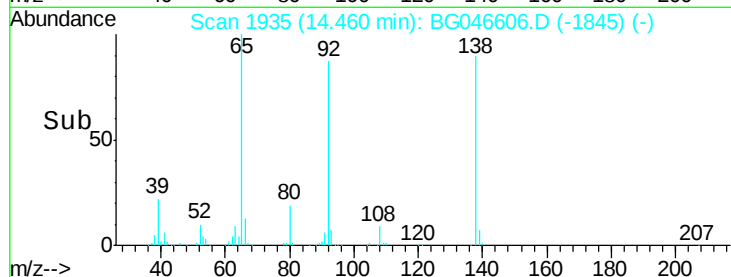
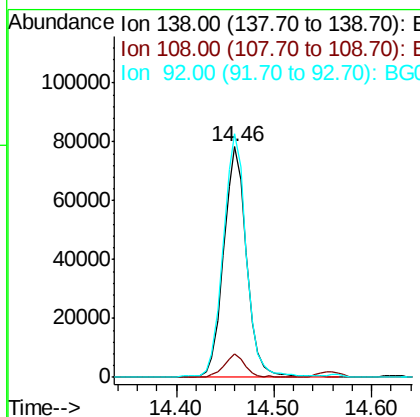
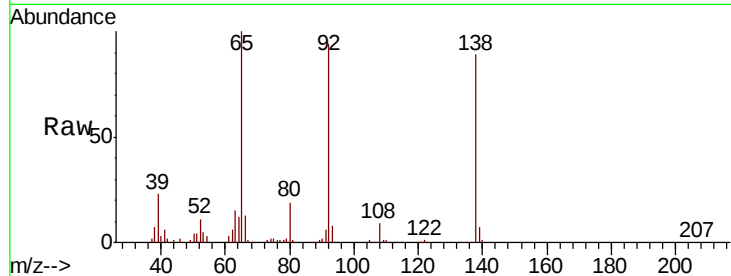




#53
 3-Nitroaniline
 Concen: 37.061 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

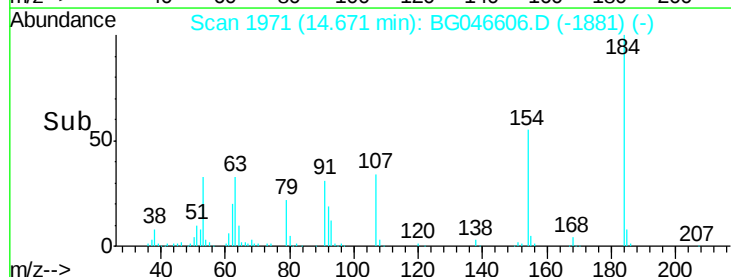
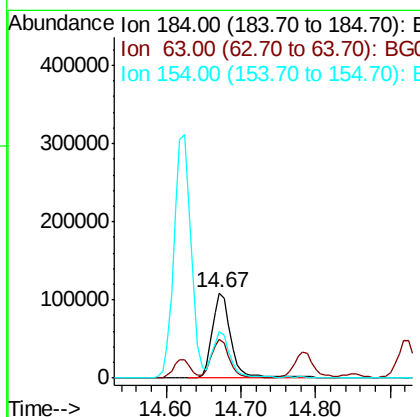
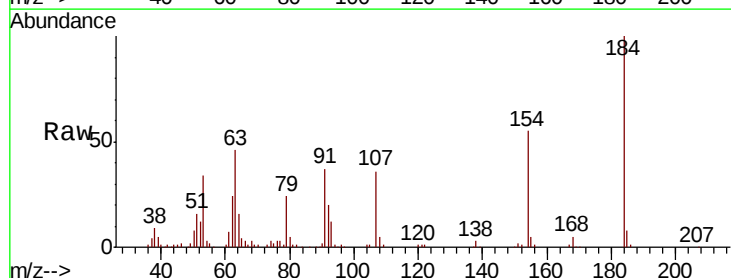
Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

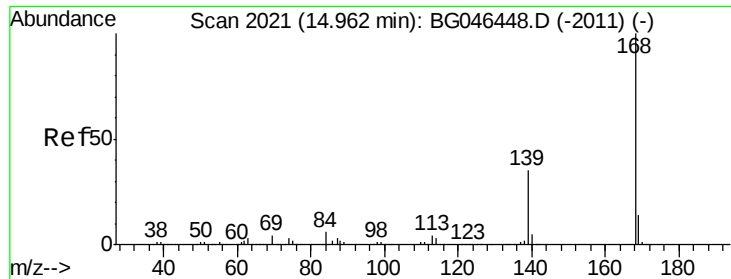
Tot Ion:138 Resp: 128001
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.0 10.6
 92 105.6 84.6 127.0



#54
 2,4-Dinitrophenol
 Concen: 103.540 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion:184 Resp: 192704
 Ion Ratio Lower Upper
 184 100
 63 45.8 35.6 53.4
 154 55.2 44.3 66.5

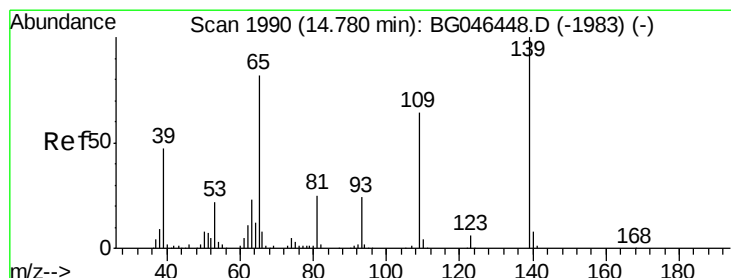
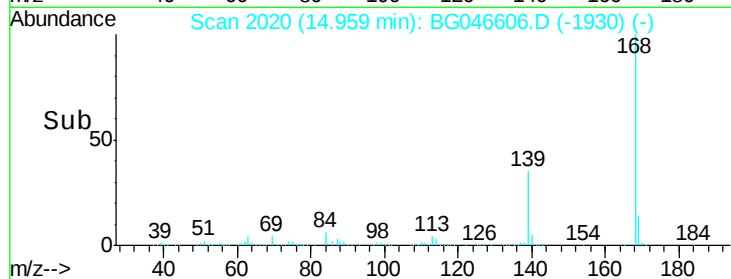
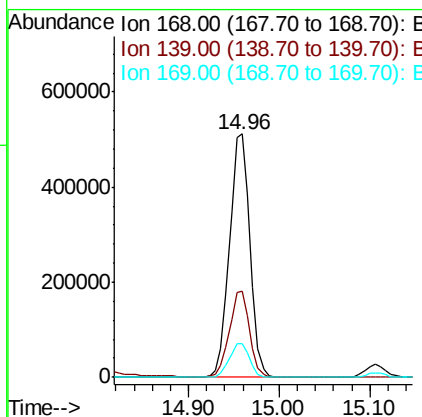
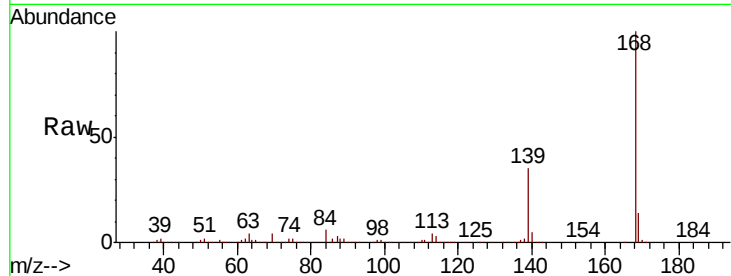




#55
Dibenzofuran
Concen: 48.282 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

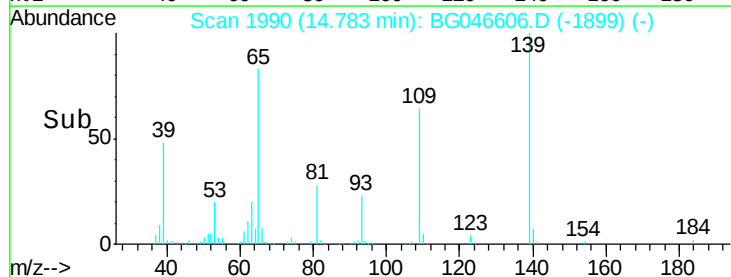
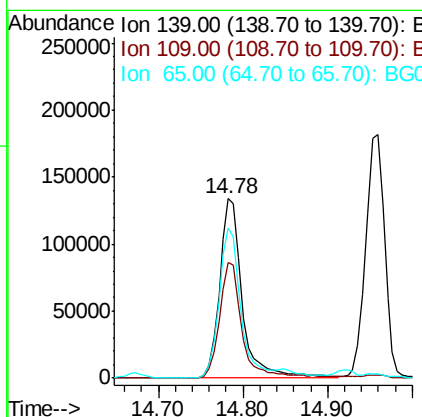
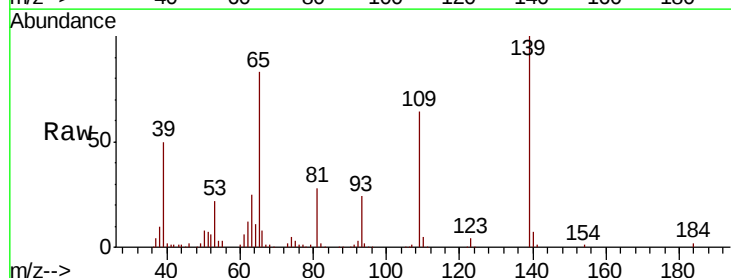
Instrument :
BNA_G
ClientSampleId :
PB131594BS

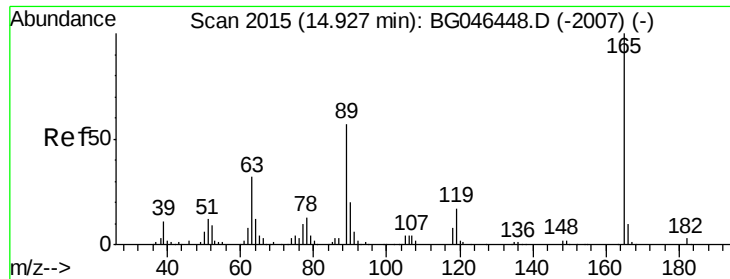
Tot Ion:168 Resp: 803307
Ion Ratio Lower Upper
168 100
139 35.5 28.1 42.1
169 14.1 11.5 17.3



#56
4-Nitrophenol
Concen: 98.788 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:139 Resp: 251105
Ion Ratio Lower Upper
139 100
109 64.1 44.3 84.3
65 83.3 61.5 101.5





#57

2,4-Dinitrotoluene

Concen: 49.810 ng

RT: 14.92 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

Tot Ion:165 Resp: 226458

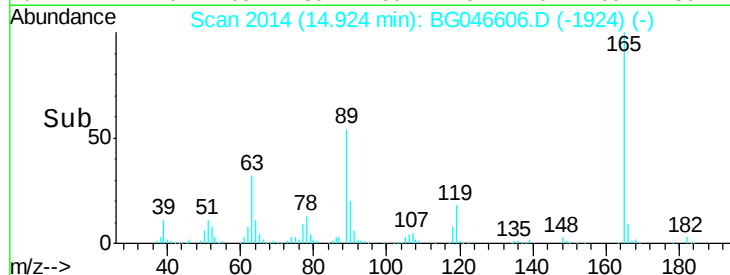
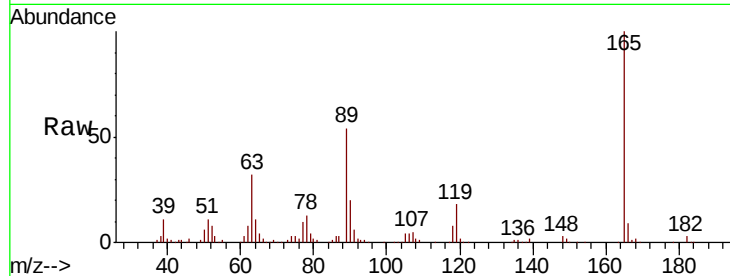
Ion Ratio Lower Upper

165 100

63 31.8 25.4 38.0

89 54.2 45.9 68.9

182 3.2 2.3 3.5

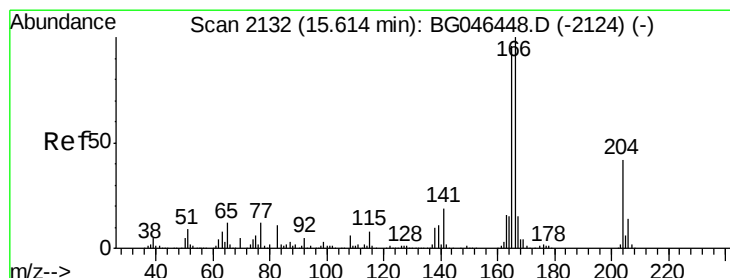
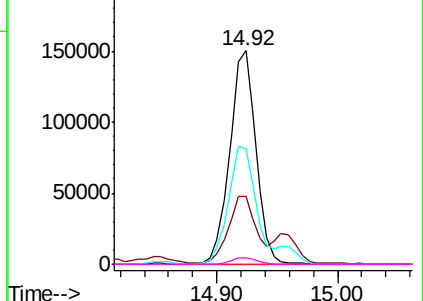


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.424 ng

RT: 15.61 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

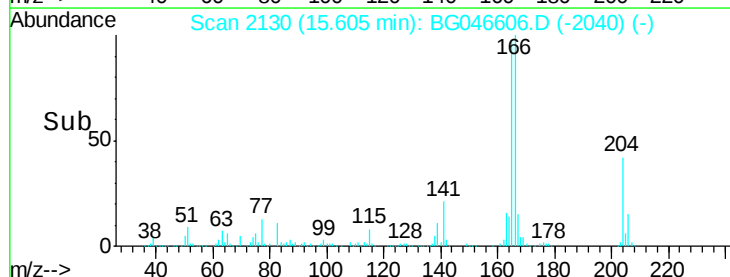
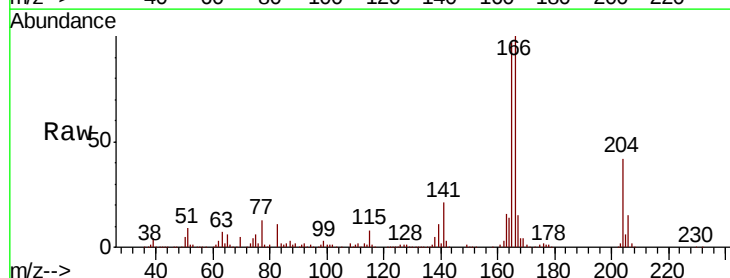
Tgt Ion:166 Resp: 676213

Ion Ratio Lower Upper

166 100

165 96.9 77.0 115.4

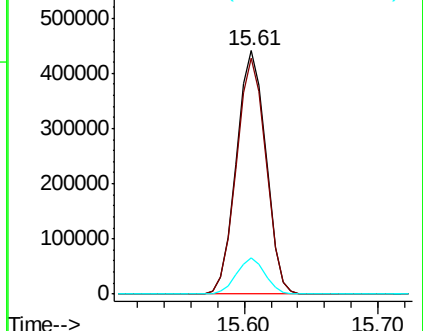
167 14.7 11.8 17.6

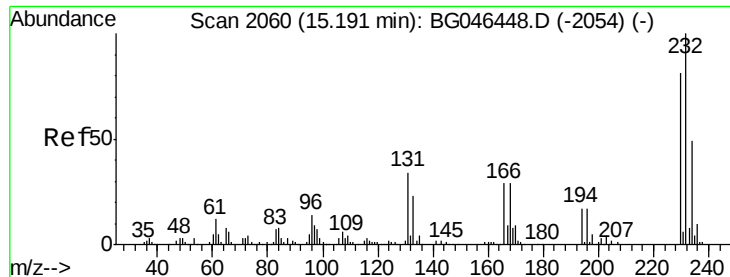


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.701 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

Tot Ion:232 Resp: 210982

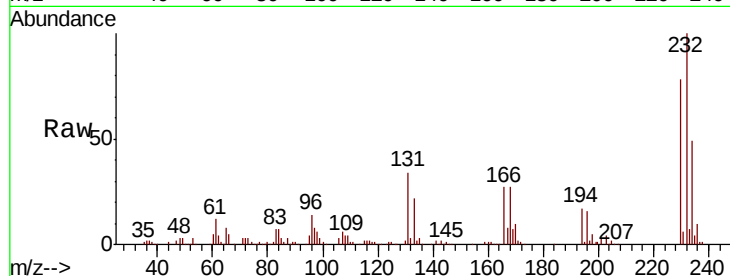
Ion Ratio Lower Upper

232 100

131 33.9 26.8 40.2

130 1.7 1.4 2.2

166 26.5 22.8 34.2

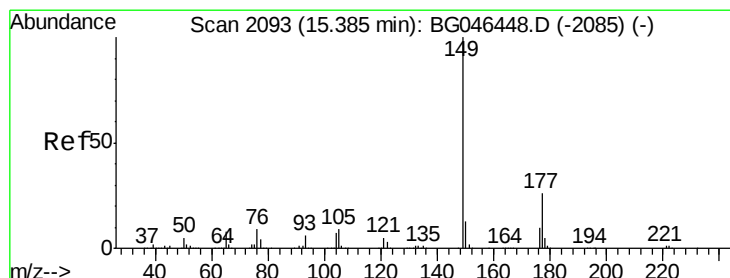
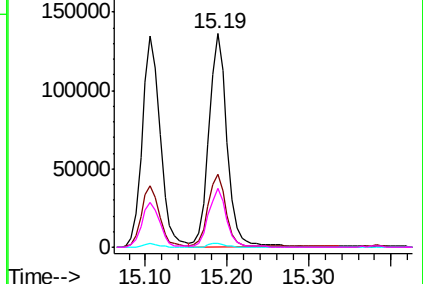
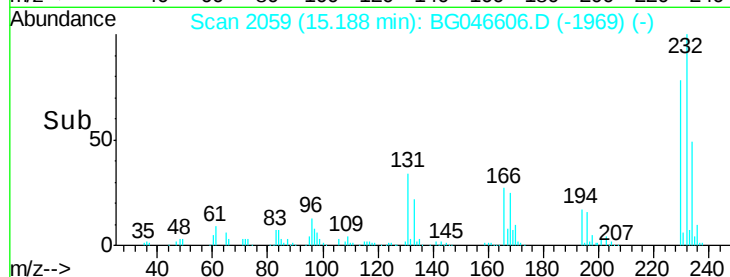


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.443 ng

RT: 15.38 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

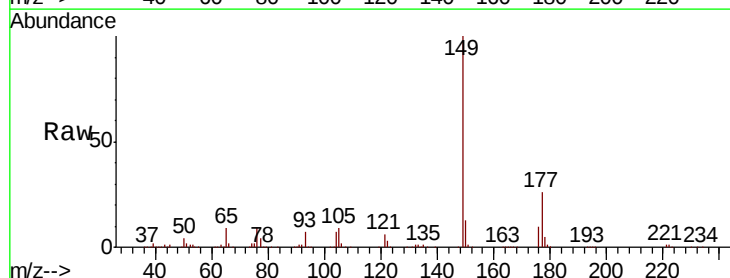
Tgt Ion:149 Resp: 669084

Ion Ratio Lower Upper

149 100

177 25.6 20.6 30.8

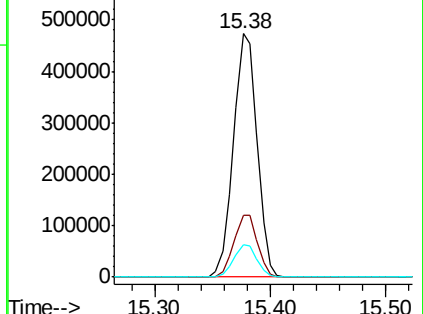
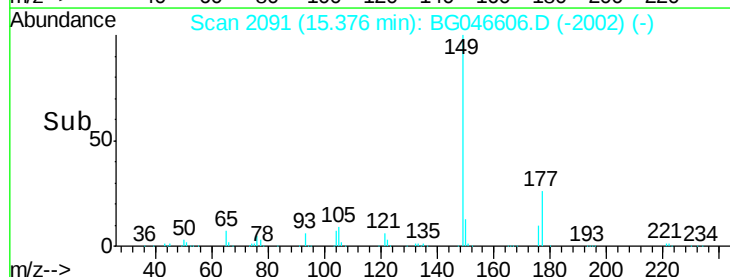
150 13.1 10.3 15.5

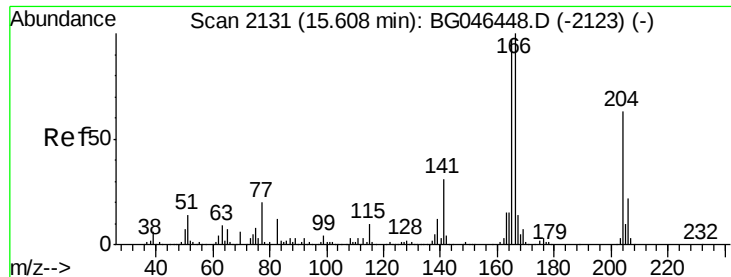


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

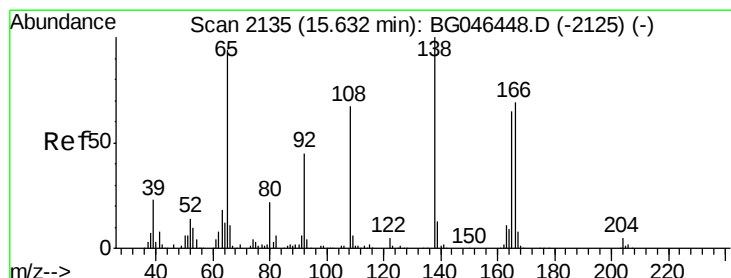
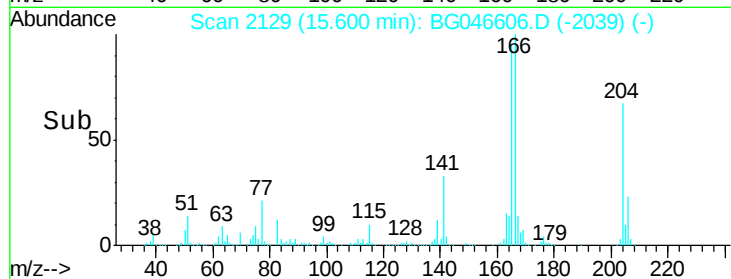
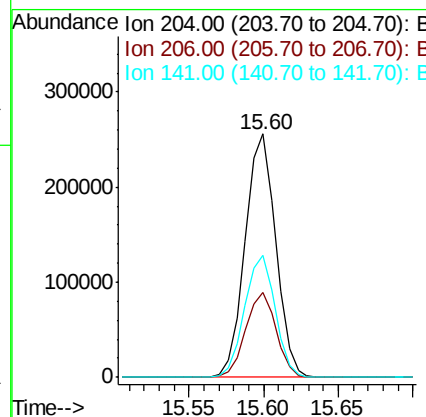
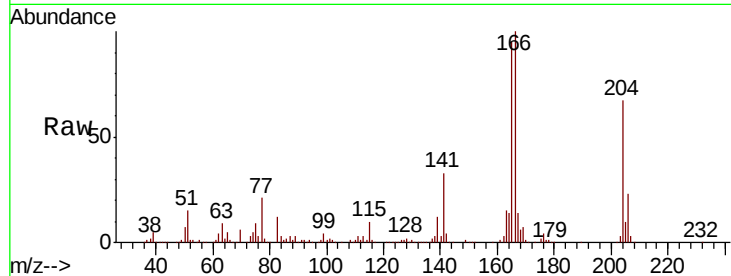




#61
 4-Chlorophenyl-phenylether
 Concen: 47.225 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

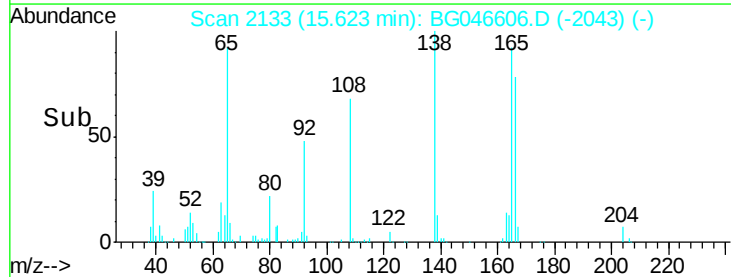
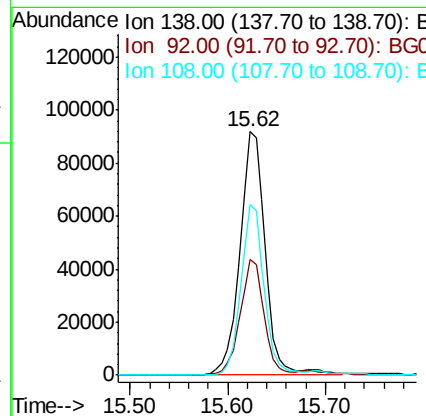
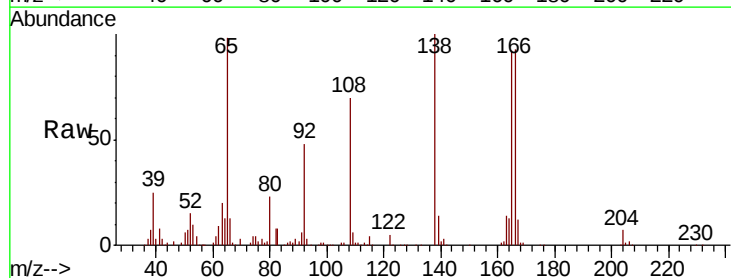
Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

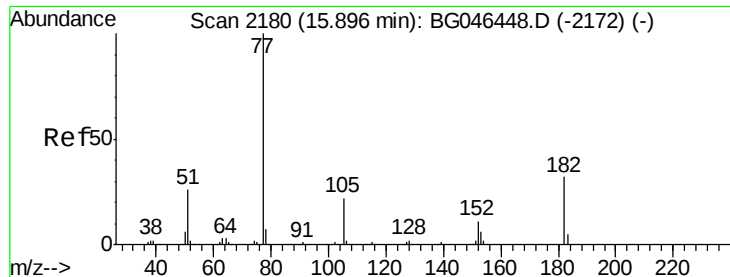
Tot Ion:	204	Resp:	363196
Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.7	41.5
141	49.9	38.7	58.1



#62
 4-Nitroaniline
 Concen: 45.217 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion:	138	Resp:	164784
Ion	Ratio	Lower	Upper
138	100		
92	47.6	25.3	65.3
108	70.3	46.7	86.7





#63

Azobenzene

Concen: 48.909 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

Tot Ion: 77 Resp: 561085

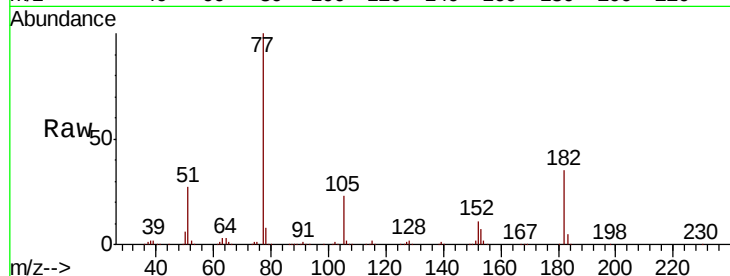
Ion Ratio Lower Upper

77 100

182 35.3 12.3 52.3

105 22.9 2.3 42.3

51 27.3 6.5 46.5

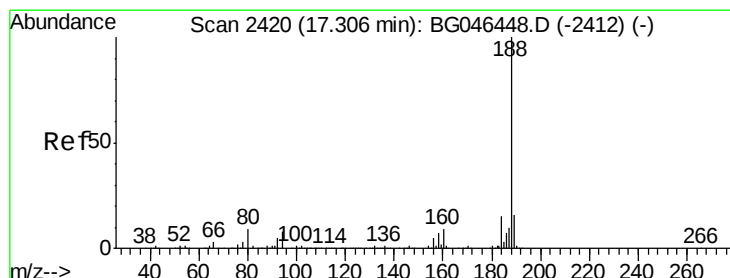
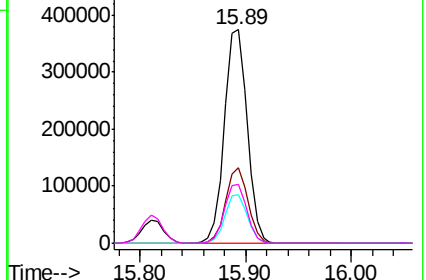
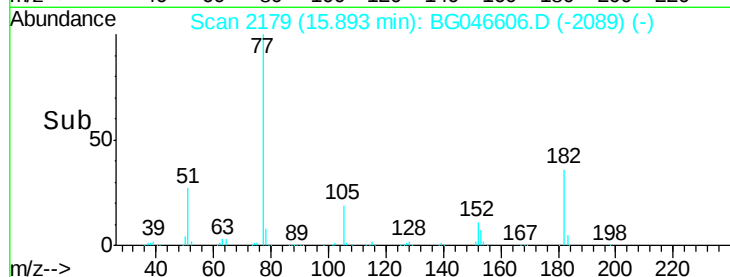


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

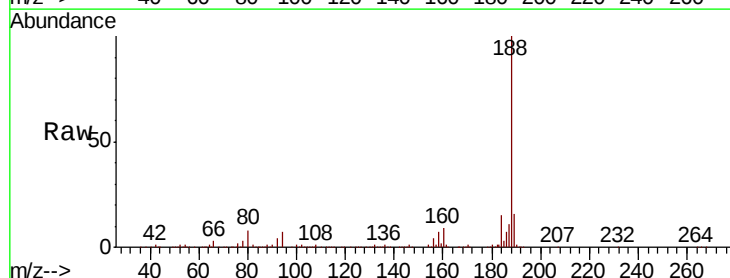
Tgt Ion: 188 Resp: 462035

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

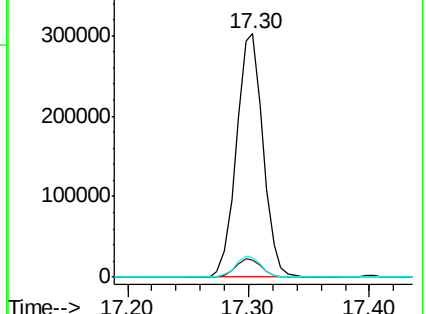
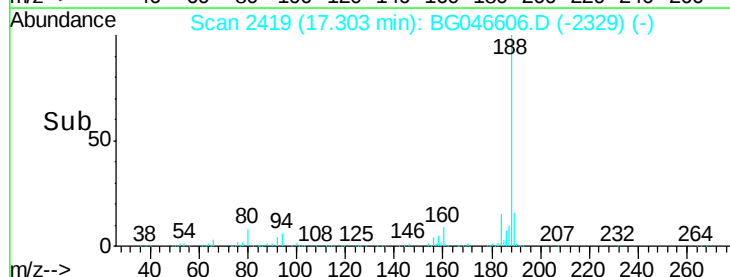
80 8.2 6.9 10.3

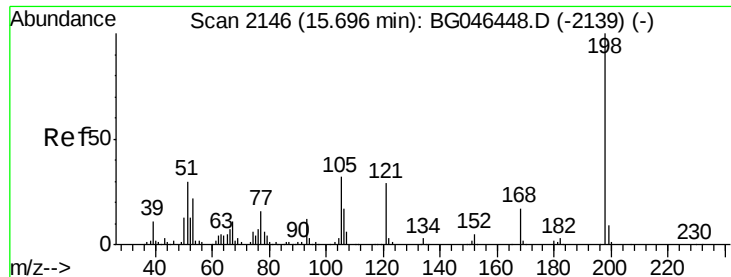


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

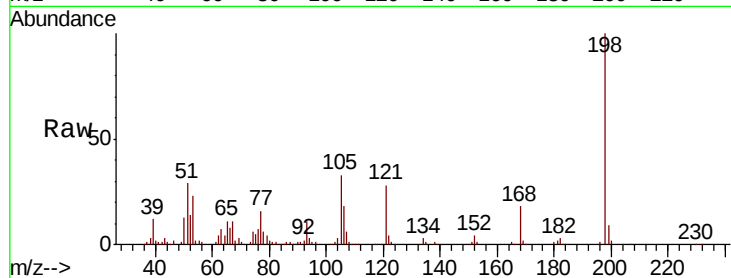




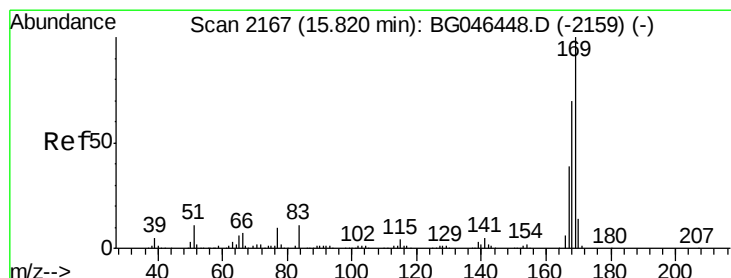
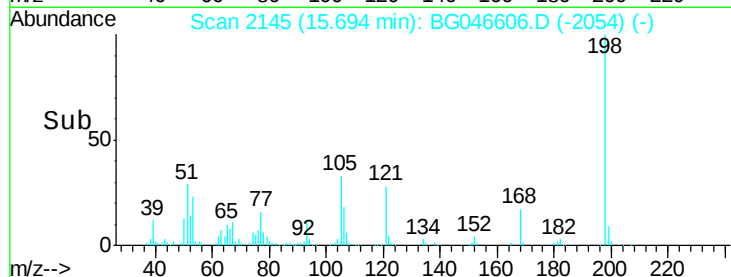
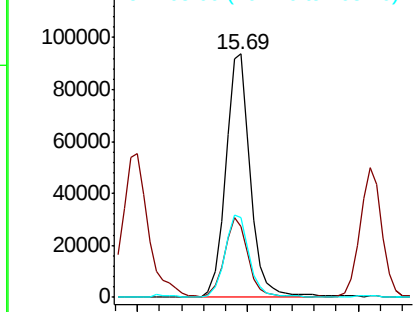
#65
4,6-Dinitro-2-methylphenol
Concen: 55.735 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion:198 Resp: 145756
Ion Ratio Lower Upper
198 100
51 29.2 10.4 50.4
105 32.6 12.4 52.4

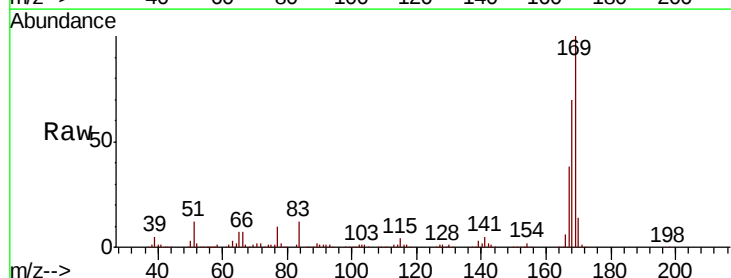


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

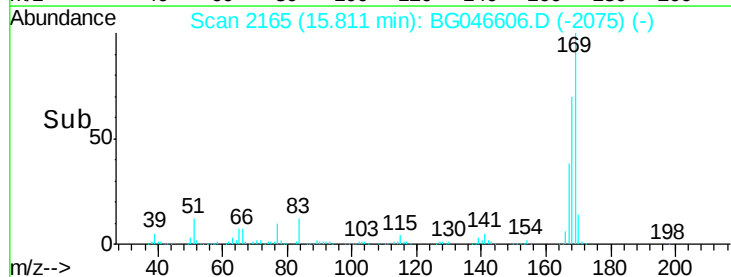
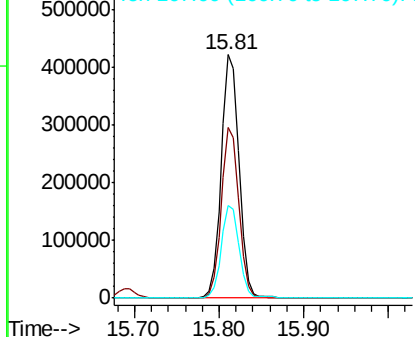


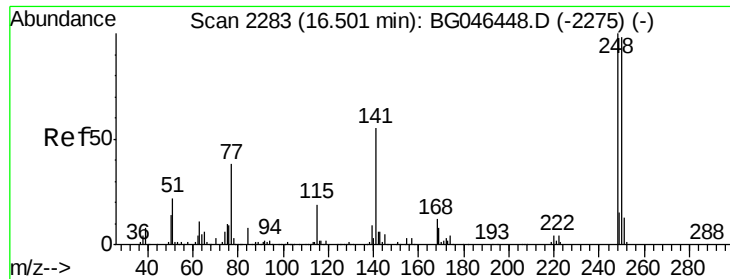
#66
n-Nitrosodiphenylamine
Concen: 49.431 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:169 Resp: 616146
Ion Ratio Lower Upper
169 100
168 70.3 55.8 83.8
167 37.8 31.0 46.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

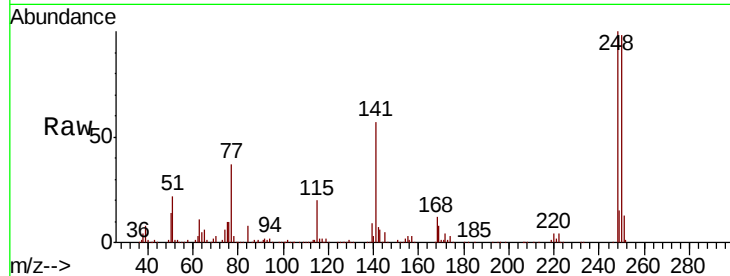




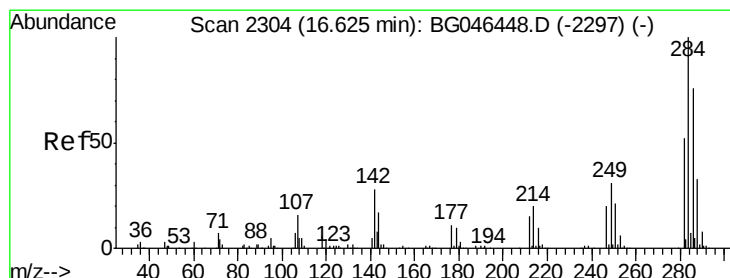
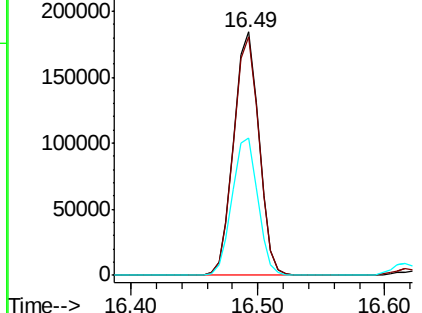
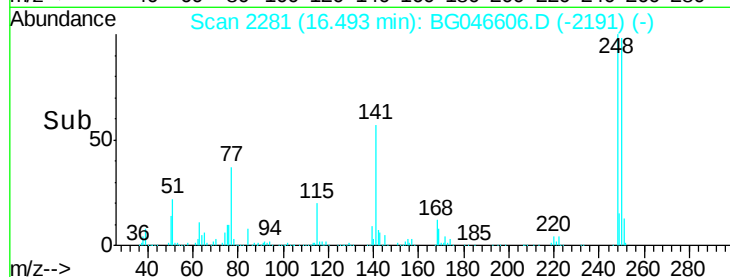
#67
4-Bromophenyl-phenylether
Concen: 47.185 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.6	118.0
141	56.6	43.9	65.9

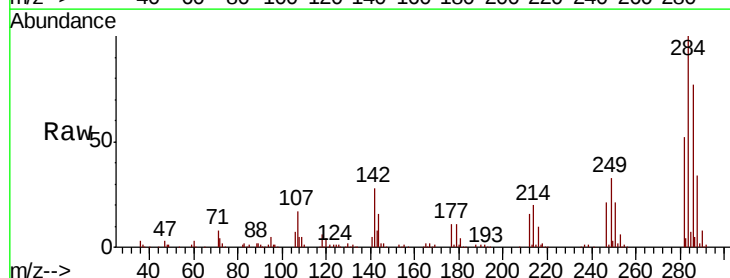


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

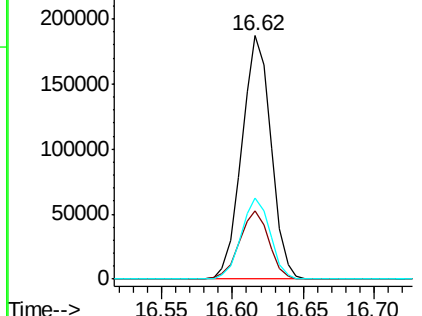
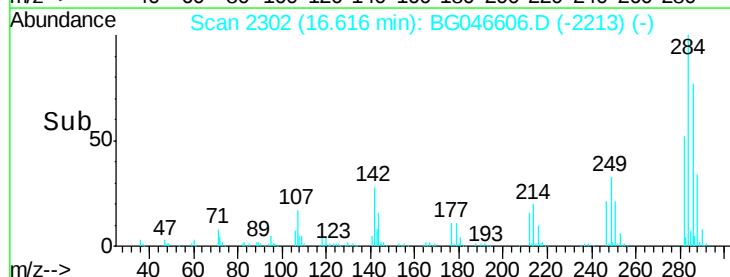


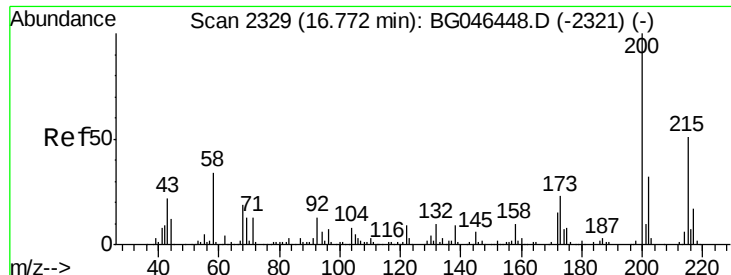
#68
Hexachlorobenzene
Concen: 45.350 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	22.3	33.5
249	33.3	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: 38.748 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

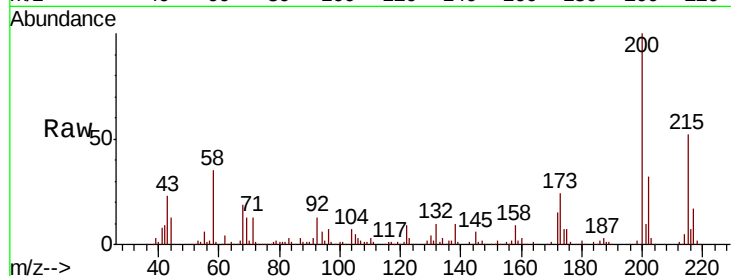
Tot Ion:200 Resp: 197035

Ion Ratio Lower Upper

200 100

173 23.7 3.3 43.3

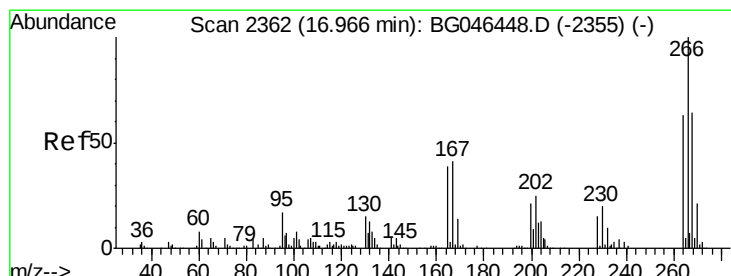
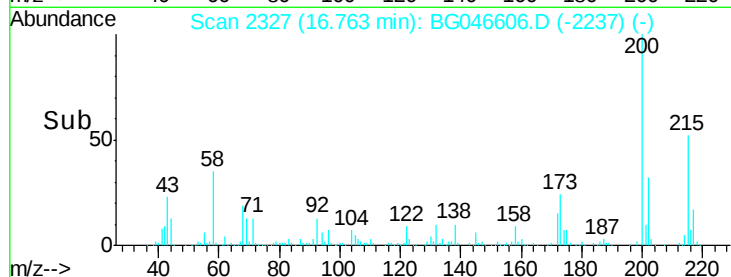
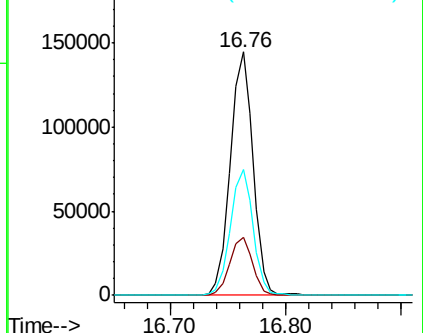
215 51.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.311 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

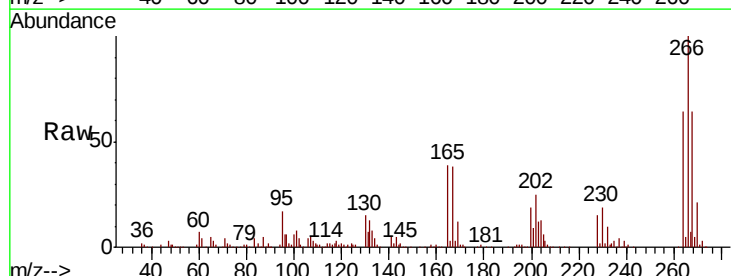
Tgt Ion:266 Resp: 303525

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

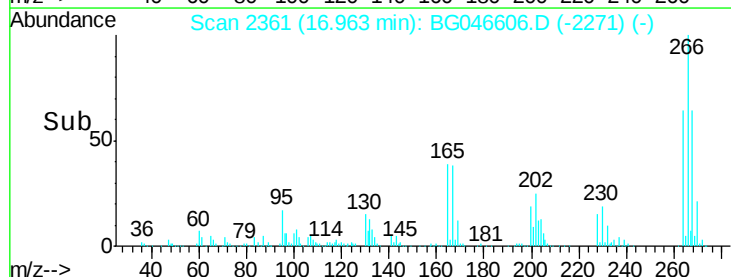
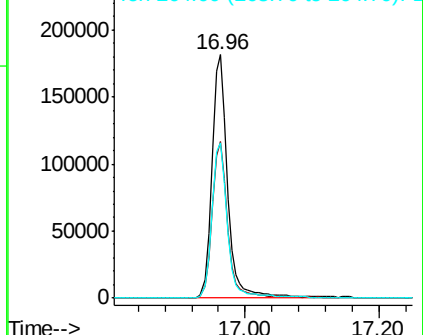
264 63.7 50.2 75.2

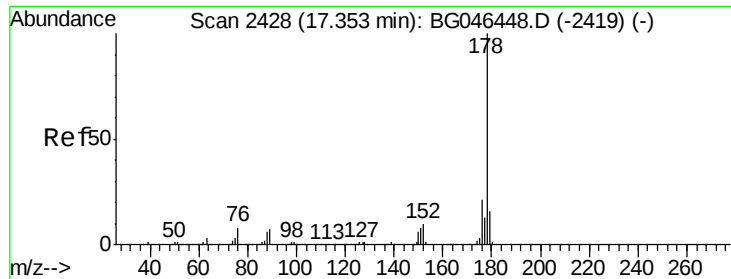


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

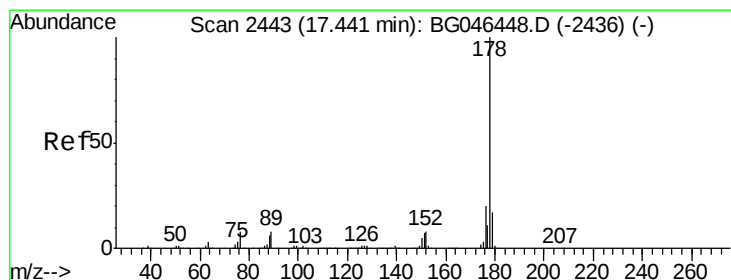
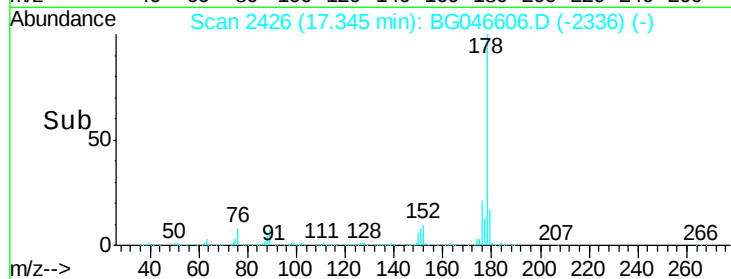
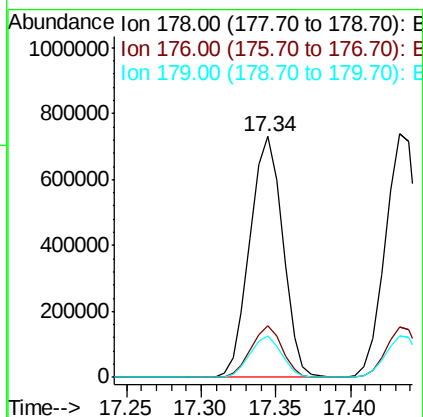
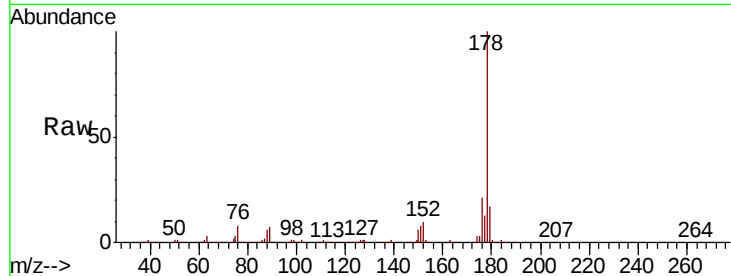




#71
Phenanthrene
Concen: 47.778 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

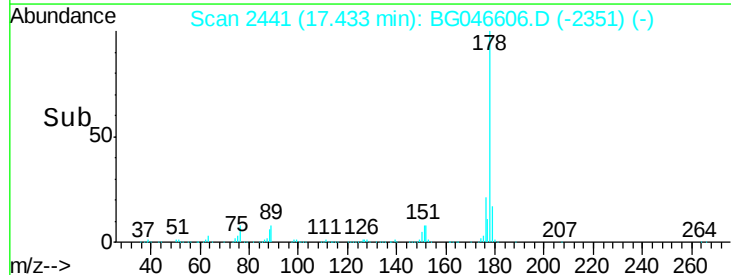
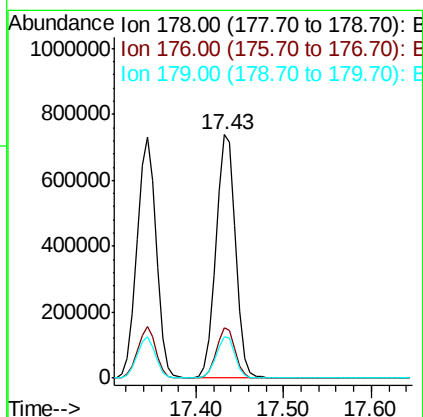
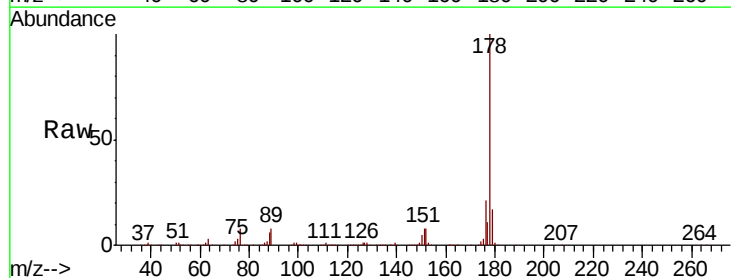
Instrument :
BNA_G
ClientSampleId :
PB131594BS

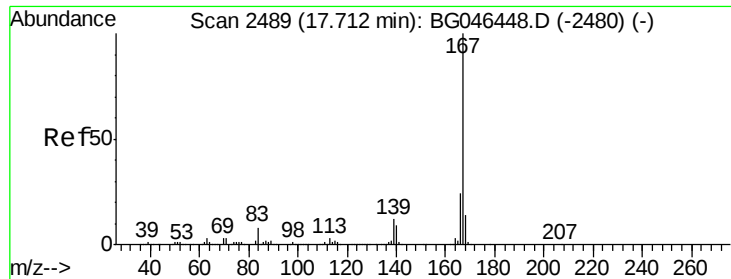
Tot Ion:178 Resp: 1118914
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.1 13.2 19.8



#72
Anthracene
Concen: 49.634 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:178 Resp: 1146838
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.0 13.3 19.9





#73

Carbazole

Concen: 48.717 ng

RT: 17.70 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

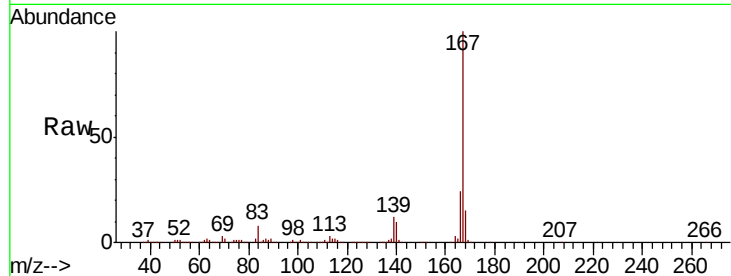
BNA_G

ClientSampleId :

PB131594BS

Tot Ion:167 Resp: 1062798

Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.3	28.9
139	12.3	9.7	14.5

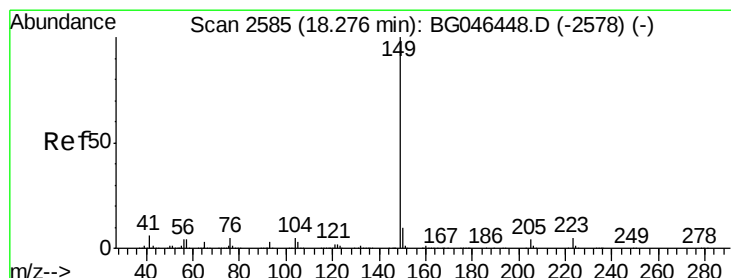
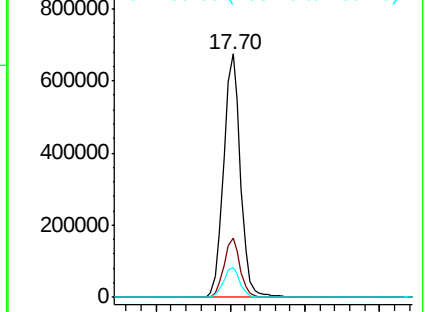
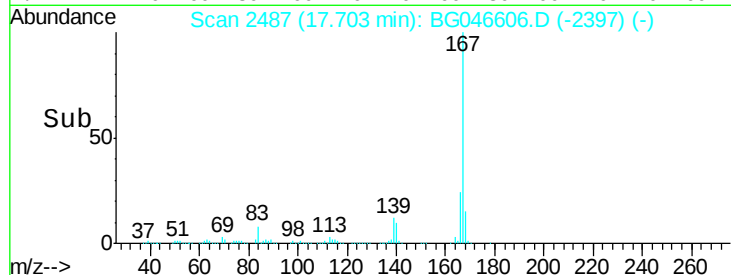


Abundance

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: 46.814 ng

RT: 18.27 min Scan# 2583

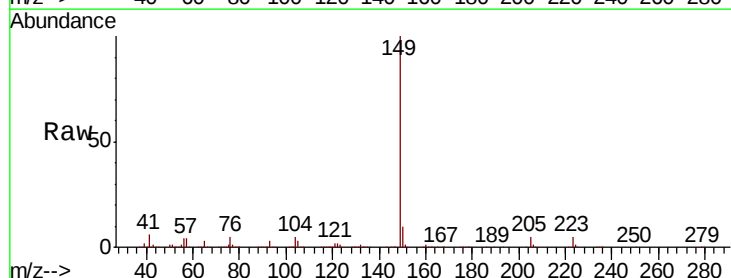
Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Tgt Ion:149 Resp: 1174386

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	5.0	4.0	6.0

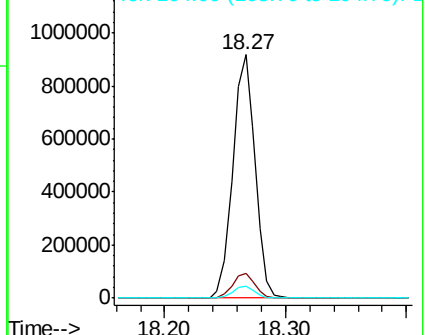
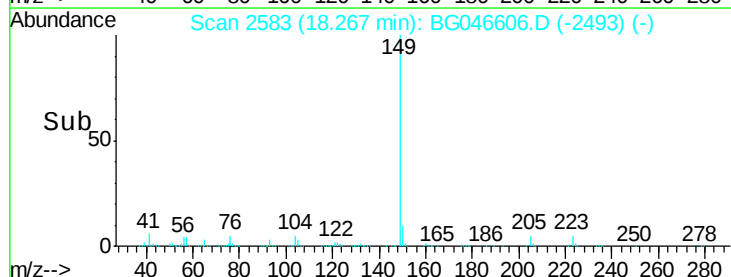


Abundance

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: 47.405 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

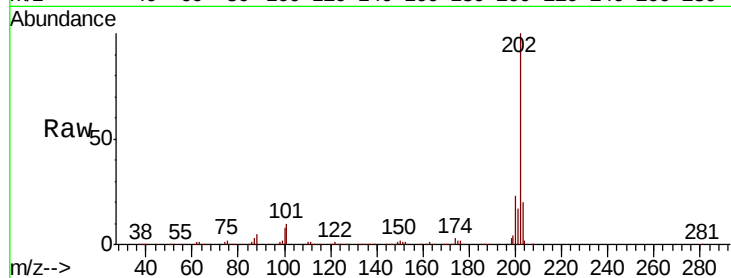
Tot Ion:202 Resp: 1428691

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.9
203	20.3	0.0	40.0

202 100

101 9.7 0.0 29.9

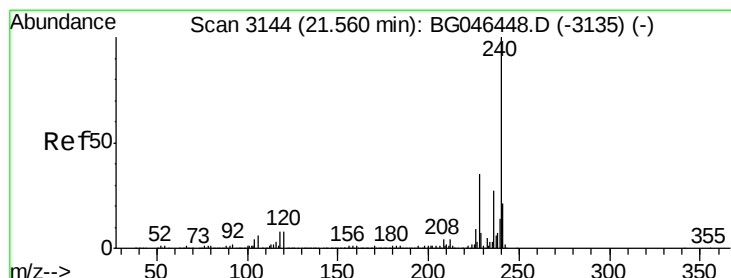
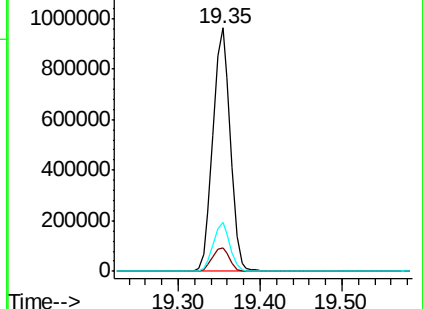
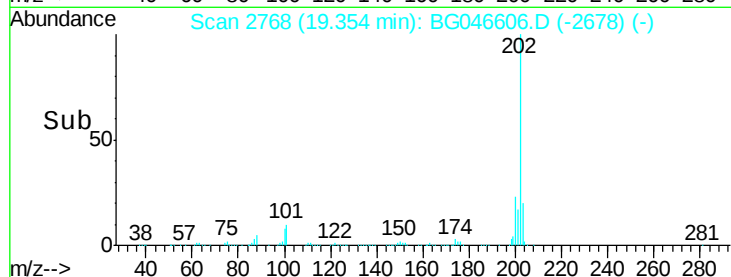
203 20.3 0.0 40.0



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: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

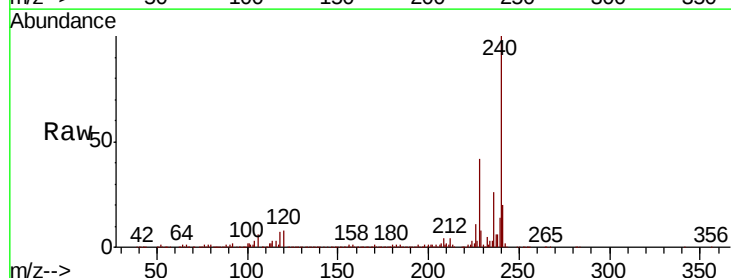
Tgt Ion:240 Resp: 469065

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	26.4	21.4	32.2

240 100

120 8.1 6.6 10.0

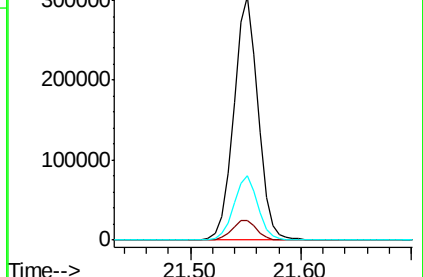
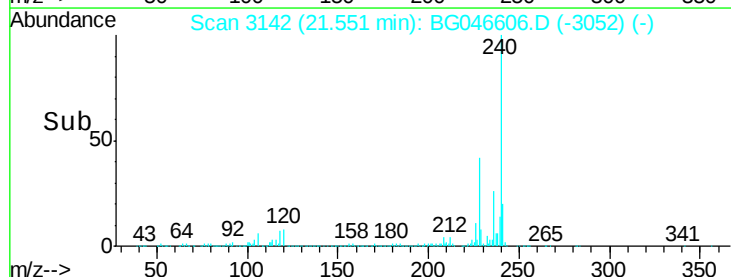
236 26.4 21.4 32.2



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: 63.081 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

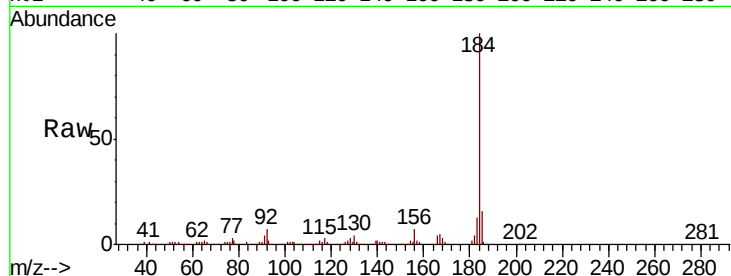
BNA_G

ClientSampleId :

PB131594BS

Tot Ion:184 Resp: 687556

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.8
183	12.9	10.7	16.1

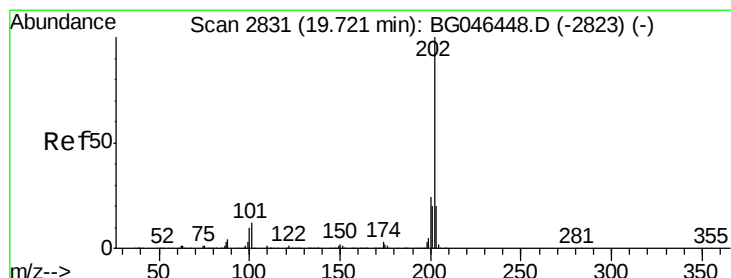
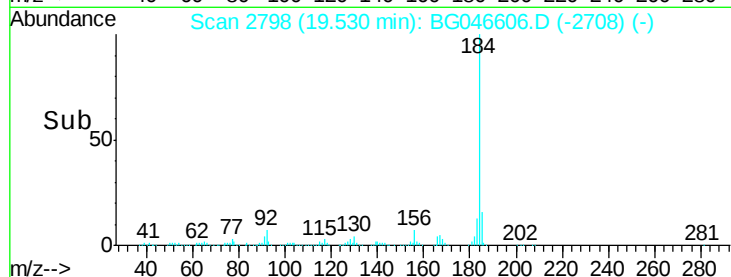
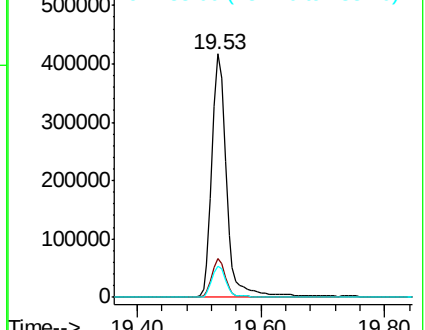


Abundance

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: 47.547 ng

RT: 19.71 min Scan# 2829

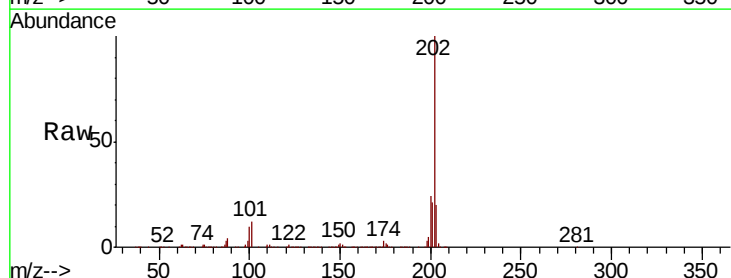
Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Tgt Ion:202 Resp: 1420204

Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.9	28.3
203	20.4	16.1	24.1

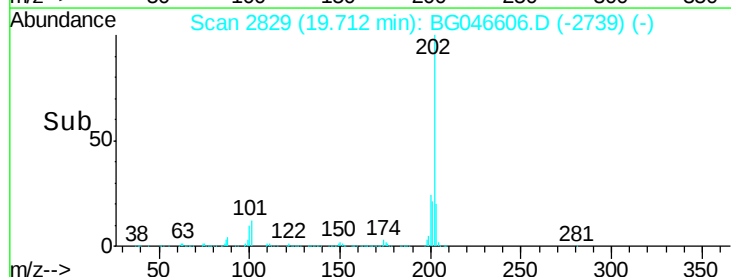
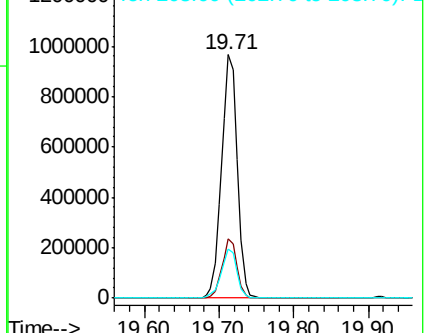


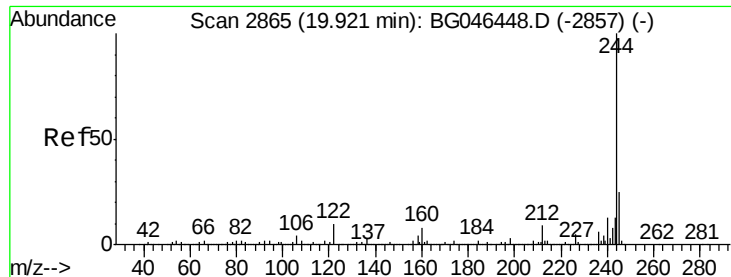
Abundance

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: 78.795 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

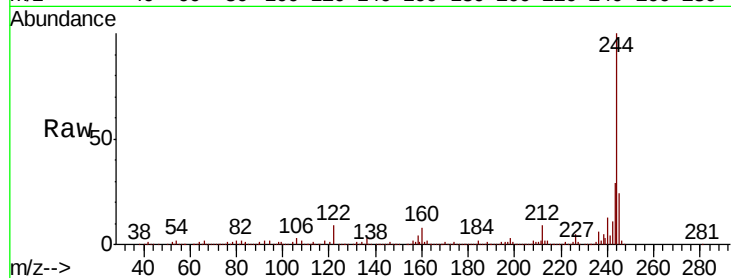
Tot Ion:244 Resp: 1736688

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

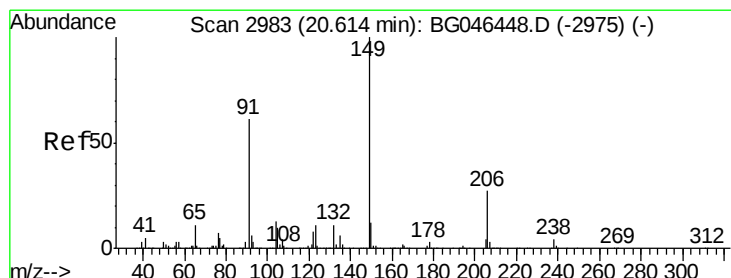
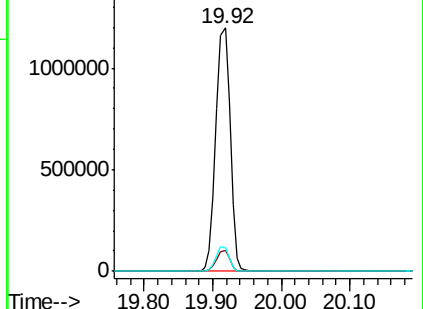
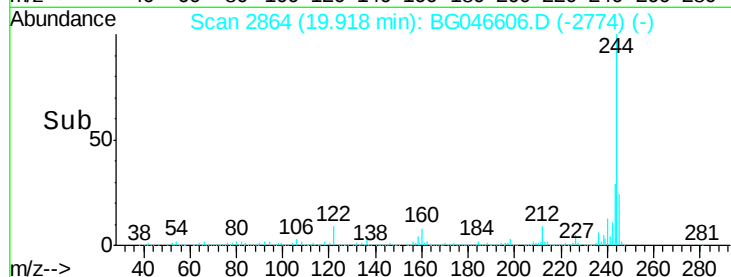
122 9.4 8.2 12.4



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: 47.004 ng

RT: 20.61 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

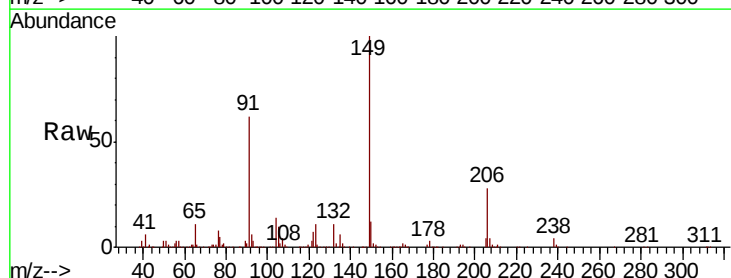
Tgt Ion:149 Resp: 547631

Ion Ratio Lower Upper

149 100

91 62.3 49.1 73.7

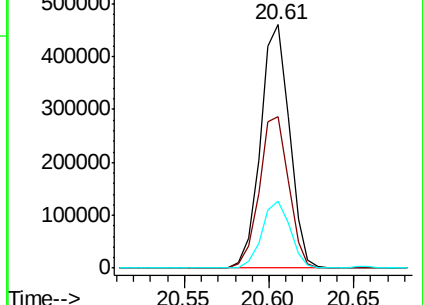
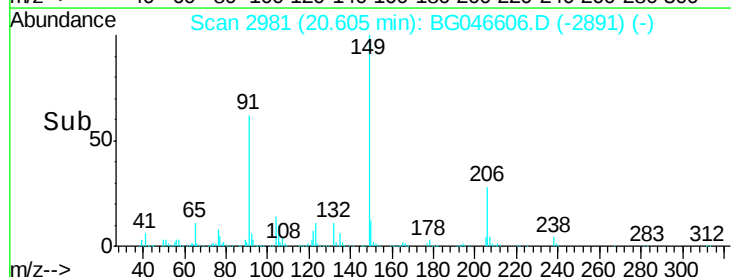
206 27.6 21.9 32.9

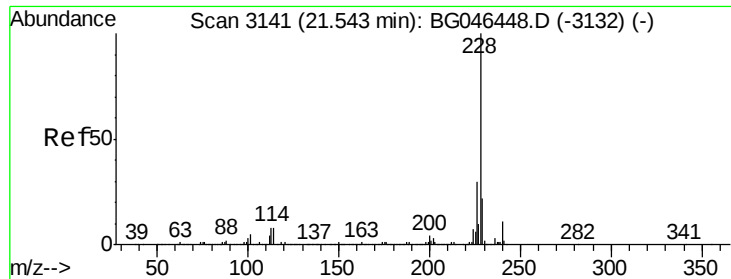


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

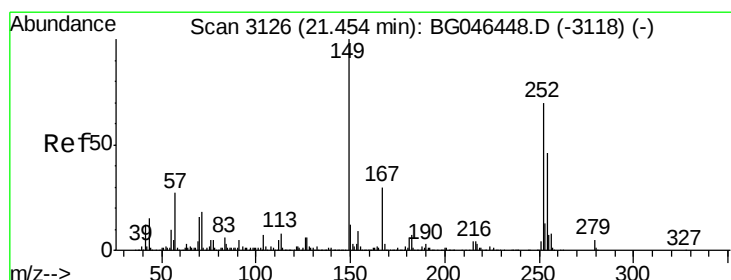
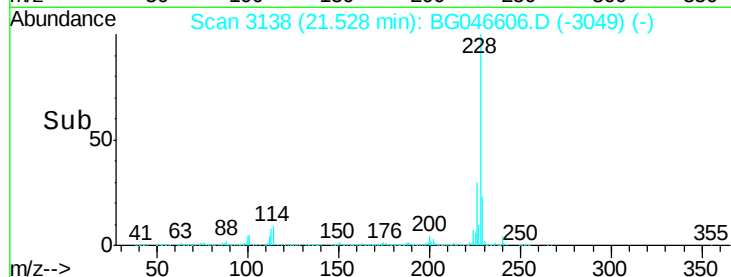
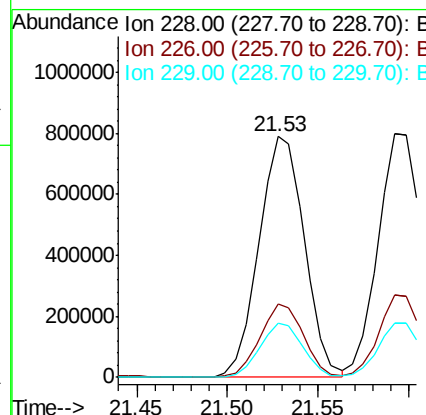
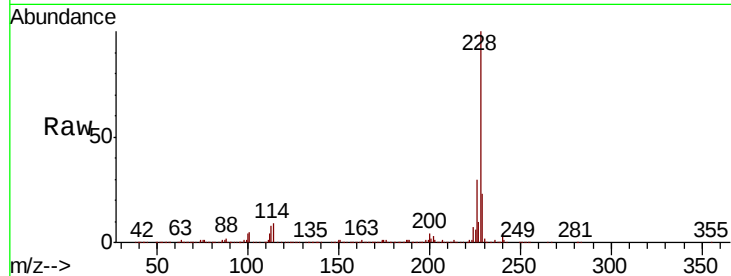




#81
Benzo(a)anthracene
Concen: 47.031 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

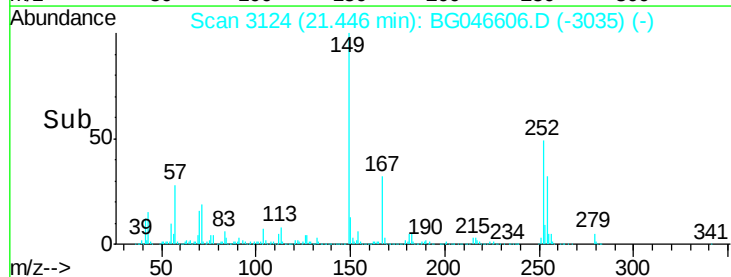
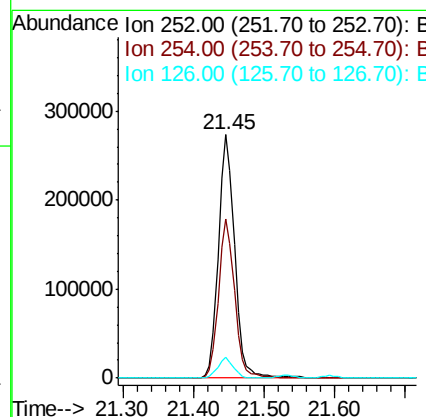
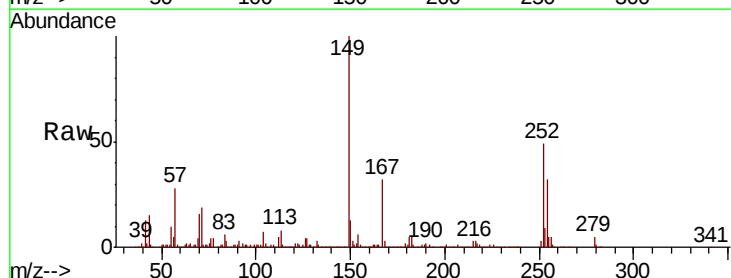
Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion:228 Resp: 1375037
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 22.6 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 40.479 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:252 Resp: 439193
Ion Ratio Lower Upper
252 100
254 65.3 51.9 77.9
126 8.5 7.4 11.0



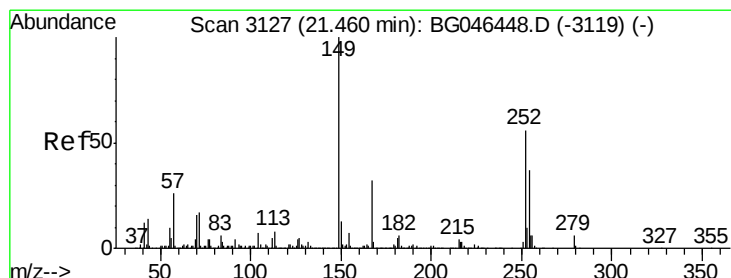
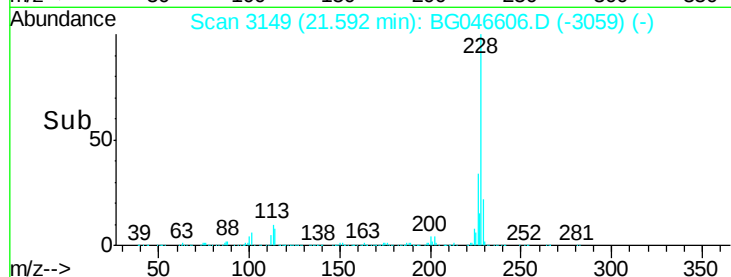
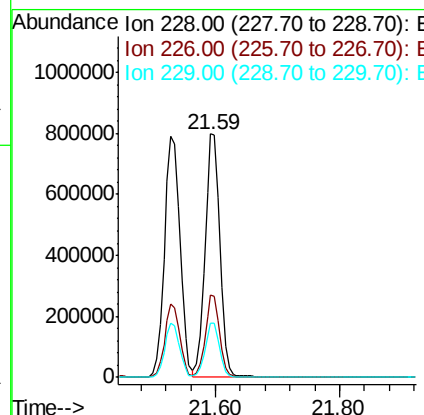
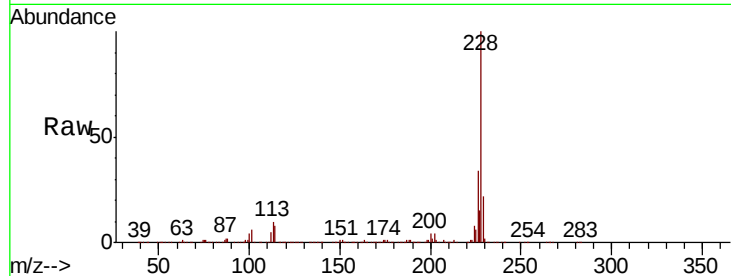


#83
 Chrysene
 Concen: 47.445 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

Tot Ion:228 Resp: 1334322

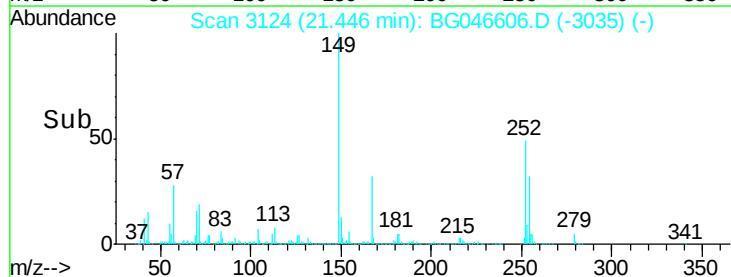
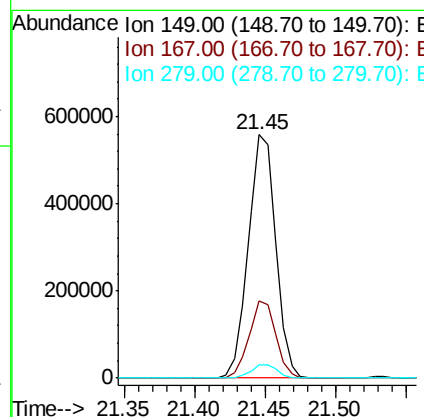
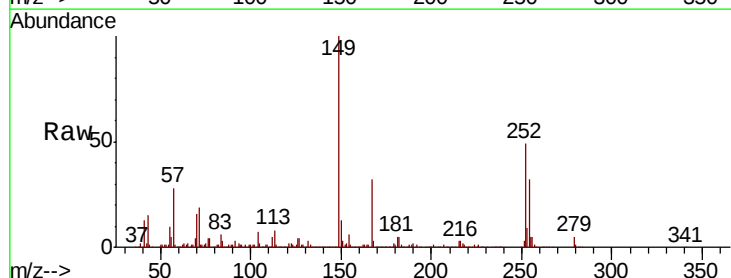
Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.5	17.9	26.9

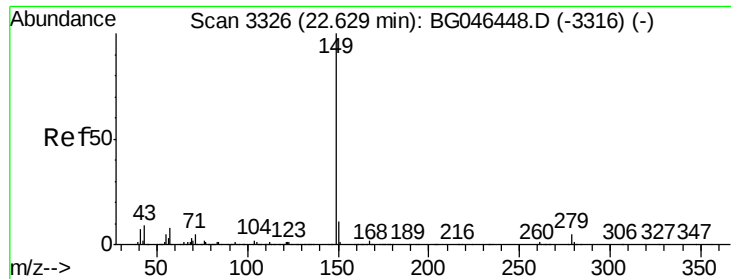


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.884 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion:149 Resp: 761332

Ion	Ratio	Lower	Upper
149	100		
167	31.6	25.4	38.2
279	5.3	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 49.133 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

PB131594BS

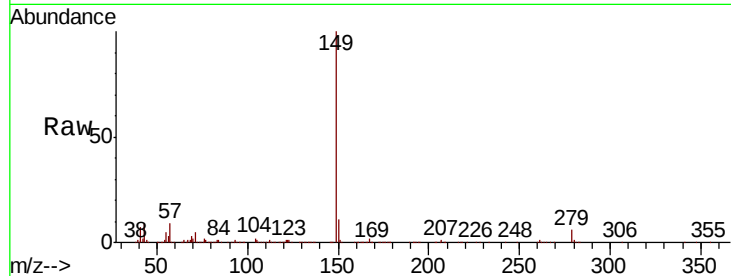
Tot Ion:149 Resp: 1337625

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

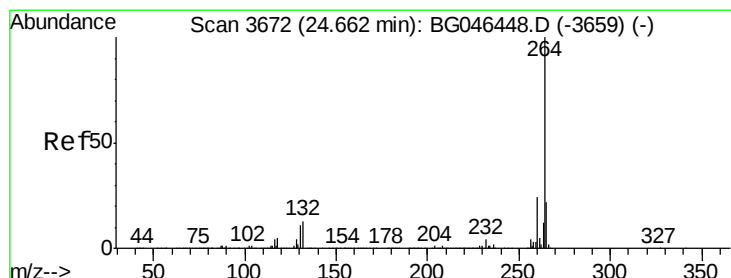
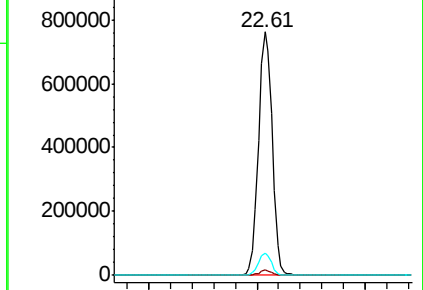
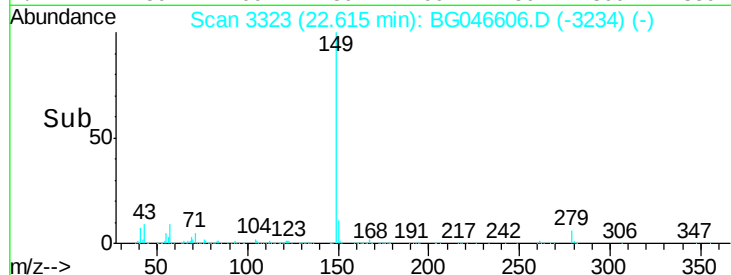
43 8.6 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046606.D

Acq: 14 Sep 2020 16:50

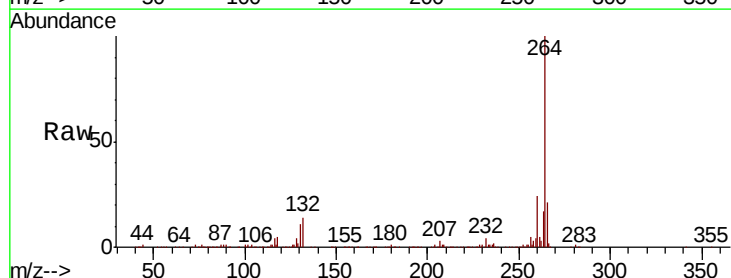
Tgt Ion:264 Resp: 485522

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

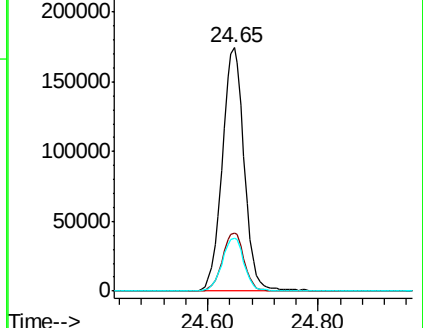
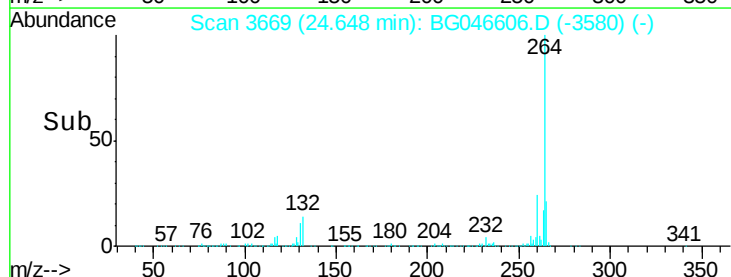
265 21.5 17.9 26.9

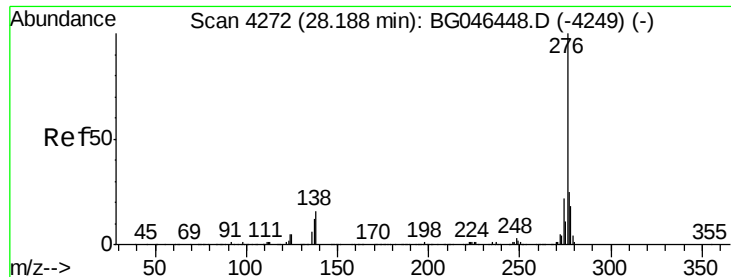


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



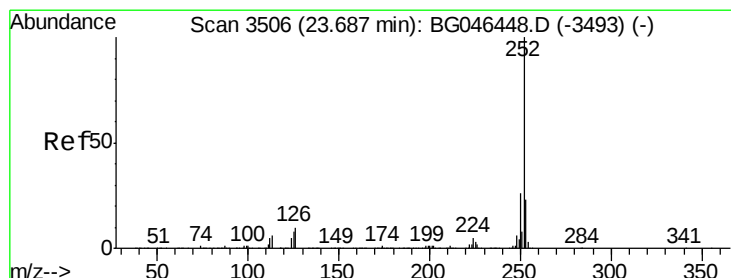
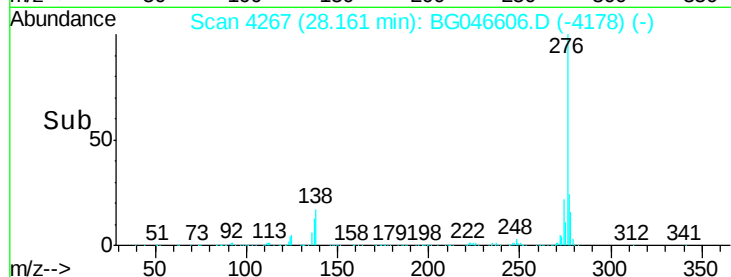
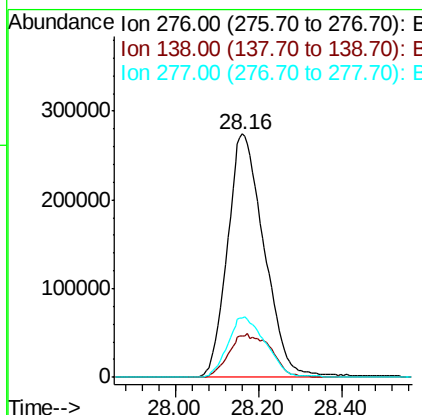
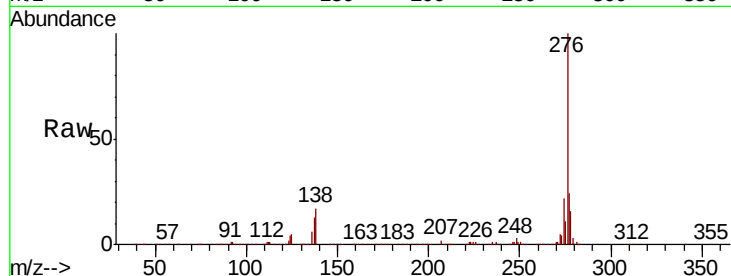


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.211 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB131594BS

Tot Ion:276 Resp: 1681171

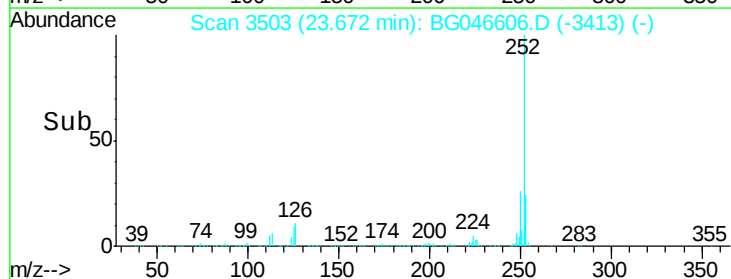
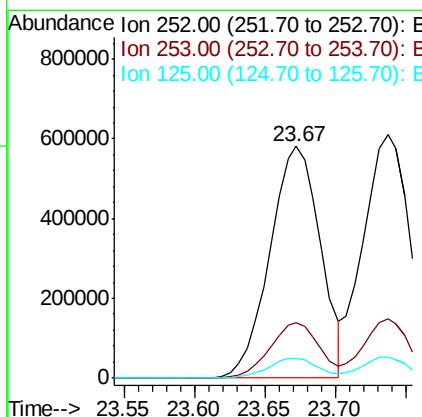
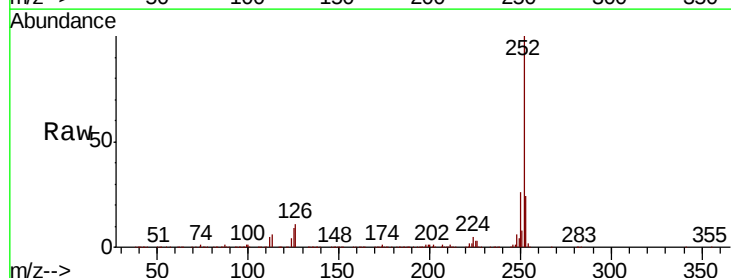
Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	25.8	20.7	31.1



#88
 Benzo(b)fluoranthene
 Concen: 47.749 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046606.D
 Acq: 14 Sep 2020 16:50

Tgt Ion:252 Resp: 1447591

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	8.6	6.2	9.2

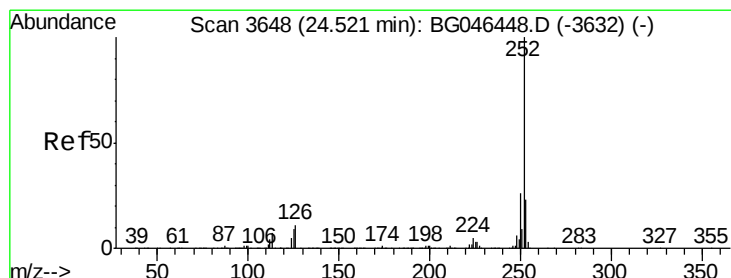
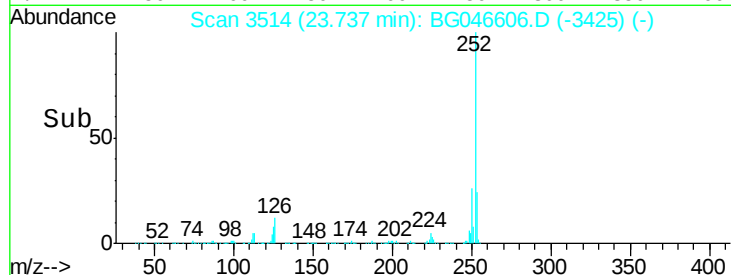
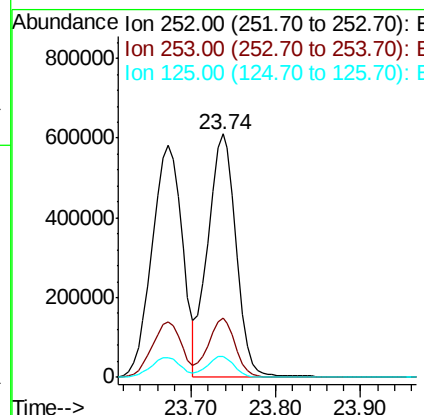
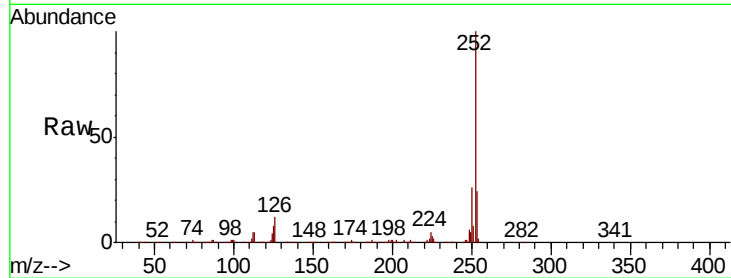




#89
Benzo(k)fluoranthene
Concen: 48.468 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

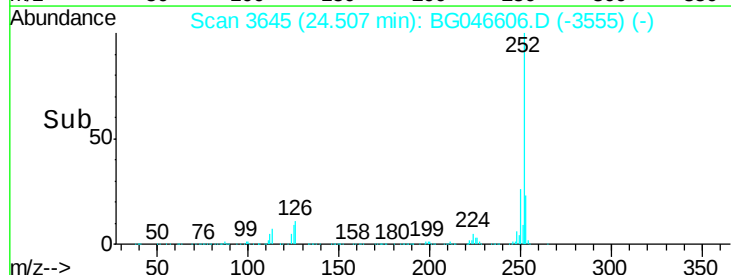
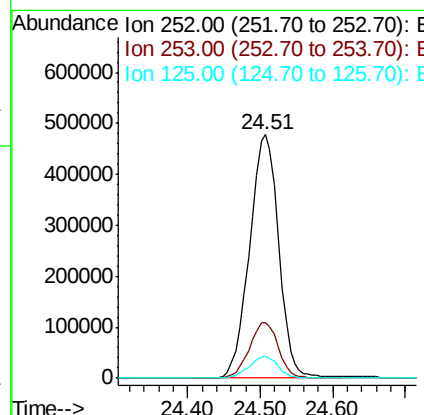
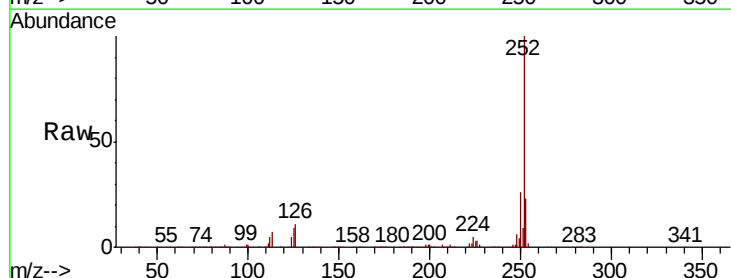
Instrument :
BNA_G
ClientSampleId :
PB131594BS

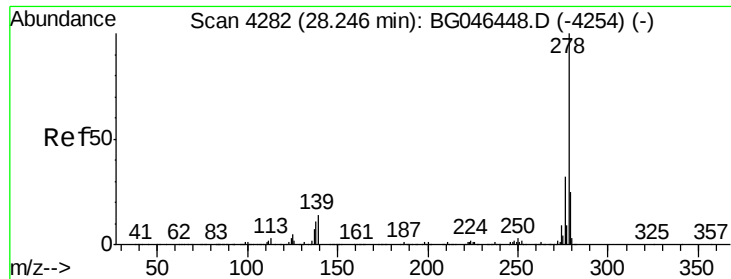
Tot Ion:252 Resp: 1420083
Ion Ratio Lower Upper
252 100
253 24.3 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 47.108 ng
RT: 24.51 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:252 Resp: 1332776
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 8.9 7.4 11.0

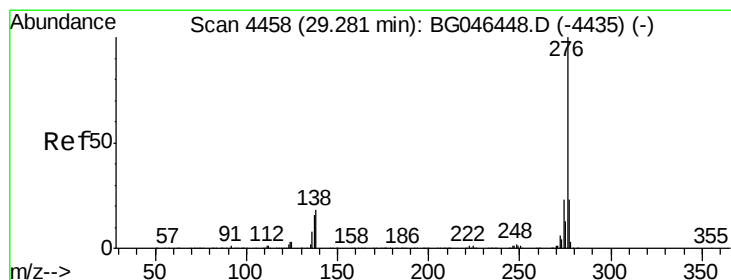
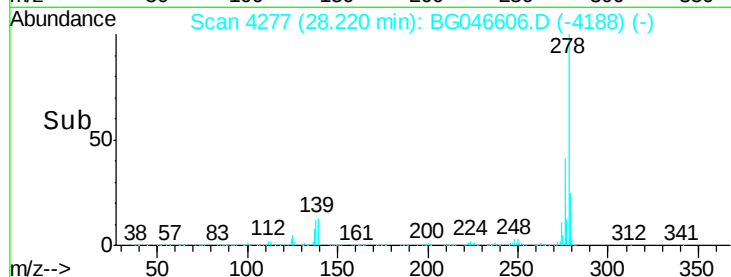
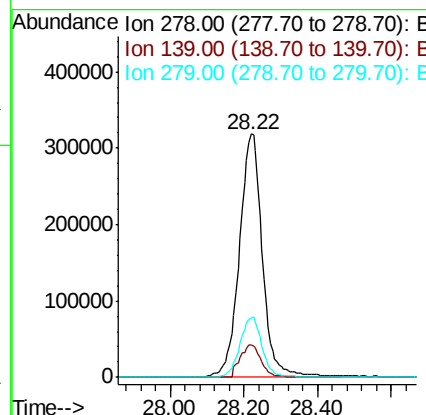
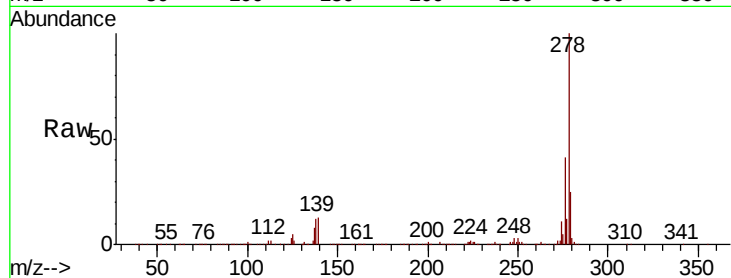




#91
Dibenzo(a,h)anthracene
Concen: 49.096 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
PB131594BS

Tot Ion:278 Resp: 1381565
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 24.5 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.986 ng
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046606.D
Acq: 14 Sep 2020 16:50

Tgt Ion:276 Resp: 1404630
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.5 14.7 22.1

