

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046584.D
 Acq On : 10 Sep 2020 16:30
 Operator : CG/JU
 Sample : PB131517BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

Quant Time: Sep 10 17:17:21 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	75547	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	300987	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	205086	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	474239	20.00	ng	0.00
76) Chrysene-d12	21.55	240	467273	20.00	ng	0.00
86) Perylene-d12	24.65	264	484841	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	452591	106.11	ng	0.00
7) Phenol-d6	7.11	99	580990	96.09	ng	0.00
23) Nitrobenzene-d5	9.09	82	373588	70.94	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	265002	95.37	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	980963	73.02	ng	0.00
79) Terphenyl-d14	19.91	244	1501334	68.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	52884	29.802	ng	96
3) Pyridine	3.81	79	160646	30.941	ng	98
4) n-Nitrosodimethylamine	3.72	42	78827	41.165	ng	97
6) Aniline	7.25	93	247874	36.430	ng	99
8) 2-Chlorophenol	7.50	128	200290	44.429	ng	97
9) Benzaldehyde	7.07	77	104787	30.932	ng	97
10) Phenol	7.13	94	243279	43.683	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	180211	40.257	ng	100
12) 1,3-Dichlorobenzene	7.82	146	221983	38.784	ng	98
13) 1,4-Dichlorobenzene	7.96	146	224296	39.144	ng	98
14) 1,2-Dichlorobenzene	8.28	146	217366	39.563	ng	99
15) Benzyl Alcohol	8.16	79	168255	43.342	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	274447	39.525	ng	98
17) 2-Methylphenol	8.38	107	171737	43.482	ng	99
18) Hexachloroethane	9.01	117	75685	38.956	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	147487	40.778	ng	98
20) 3+4-Methylphenols	8.70	107	236297	43.345	ng	98
22) Acetophenone	8.75	105	283645	38.714	ng	99
24) Nitrobenzene	9.13	77	211531	40.658	ng	98
25) Isophorone	9.65	82	400338	41.465	ng	99
26) 2-Nitrophenol	9.84	139	116800	42.551	ng	98
27) 2,4-Dimethylphenol	9.90	122	190255	50.393	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	248427	39.977	ng	99
29) 2,4-Dichlorophenol	10.38	162	216727	43.062	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	229664	38.460	ng	100
31) Naphthalene	10.77	128	594234	40.435	ng	99
32) Benzoic acid	10.06	122	79227	32.471	ng	95
33) 4-Chloroaniline	10.88	127	188818	29.137	ng	97
34) Hexachlorobutadiene	11.07	225	148210	38.233	ng	99
35) Caprolactam	11.65	113	44699	23.760	ng	93
36) 4-Chloro-3-methylphenol	12.01	107	211612	42.989	ng	96
37) 2-Methylnaphthalene	12.38	142	475363	41.013	ng	99
38) 1-Methylnaphthalene	12.60	142	435302	39.649	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	278428	41.169	ng	99

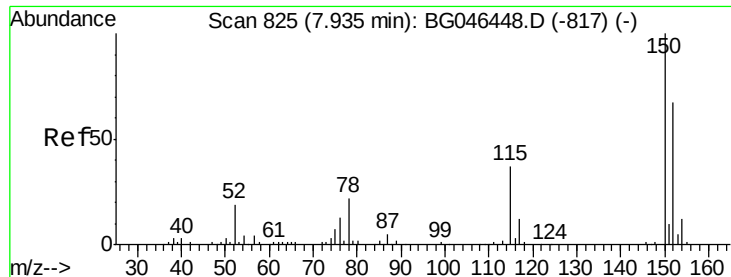
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046584.D
 Acq On : 10 Sep 2020 16:30
 Operator : CG/JU
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Instrument :
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Quant Time: Sep 10 17:17:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA 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)
41) Hexachlorocyclopentadiene	12.74	237	318521	108.315	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	189498	41.521	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	202706	42.274	ng	98
46) 1,1'-Biphenyl	13.39	154	610093	42.757	ng	100
47) 2-Chloronaphthalene	13.43	162	479498	39.635	ng	100
48) 2-Nitroaniline	13.63	65	132317	39.388	ng	98
49) Acenaphthylene	14.28	152	755914	41.191	ng	99
50) Dimethylphthalate	14.02	163	624932	39.387	ng	99
51) 2,6-Dinitrotoluene	14.13	165	145628	41.638	ng	97
52) Acenaphthene	14.62	154	457630	40.241	ng	99
53) 3-Nitroaniline	14.46	138	114272	30.163	ng	97
54) 2,4-Dinitrophenol	14.67	184	159864	78.306	ng	97
55) Dibenzofuran	14.96	168	748265	41.000	ng	99
56) 4-Nitrophenol	14.79	139	222392	79.762	ng	97
57) 2,4-Dinitrotoluene	14.92	165	201624	40.429	ng	97
58) Fluorene	15.61	166	621139	40.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	192368	41.313	ng	98
60) Diethylphthalate	15.38	149	619274	40.031	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	338295	40.101	ng	97
62) 4-Nitroaniline	15.63	138	142598	35.672	ng	98
63) Azobenzene	15.89	77	517619	41.134	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	124700	46.457	ng	97
66) n-Nitrosodiphenylamine	15.81	169	561318	43.874	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	235053	42.483	ng	96
68) Hexachlorobenzene	16.62	284	246802	40.277	ng	98
69) Atrazine	16.77	200	171474	32.854	ng	99
70) Pentachlorophenol	16.96	266	263532	82.315	ng	99
71) Phenanthrene	17.35	178	996639	41.461	ng	100
72) Anthracene	17.44	178	1027950	43.343	ng	99
73) Carbazole	17.71	167	934529	41.735	ng	100
74) Di-n-butylphthalate	18.27	149	1062641	41.270	ng	100
75) Fluoranthene	19.36	202	1261771	40.789	ng	99
77) Benzidine	19.53	184	532158	49.011	ng	99
78) Pyrene	19.71	202	1249081	41.978	ng	99
80) Butylbenzylphthalate	20.60	149	483970	41.699	ng	94
81) Benzo(a)anthracene	21.53	228	1223064	41.994	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	383769	35.506	ng	99
83) Chrysene	21.60	228	1179050	42.085	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	687210	43.388	ng	99
85) Di-n-octyl phthalate	22.62	149	1192181	43.959	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1489369	42.770	ng	100
88) Benzo(b)fluoranthene	23.67	252	1302460	43.022	ng	99
89) Benzo(k)fluoranthene	23.73	252	1242102	42.453	ng	98
90) Benzo(a)pyrene	24.50	252	1180207	41.774	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1222495	43.504	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1248920	44.508	ng	98

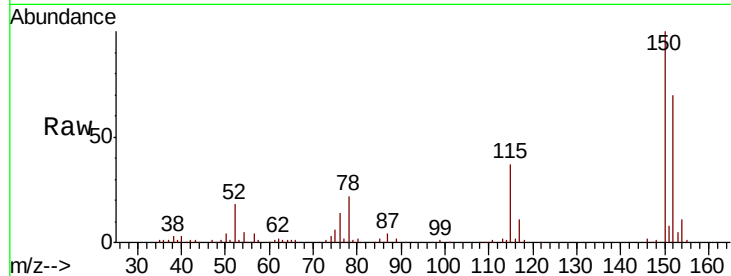
(#) = qualifier out of range (m) = manual integration (+) = signals summed



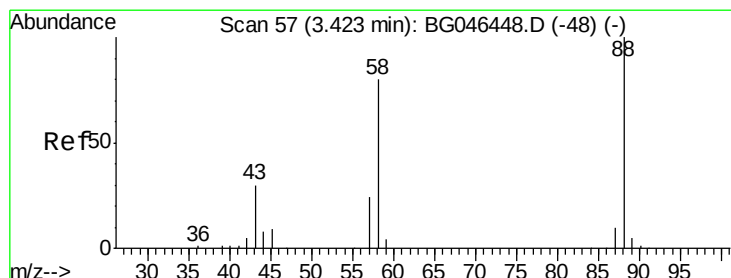
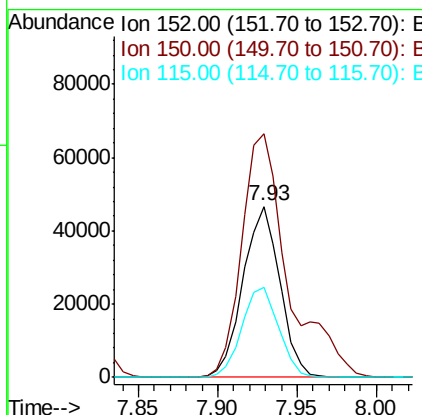
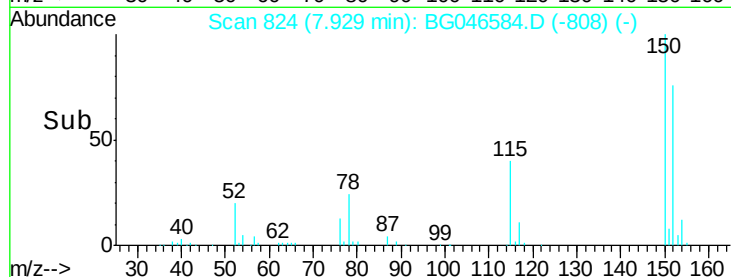
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

Tot Ion:152 Resp: 75547
 Ion Ratio Lower Upper
 152 100
 150 142.1 119.5 179.3
 115 52.5 44.3 66.5

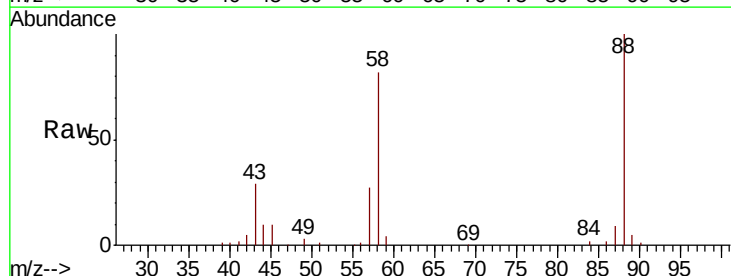


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

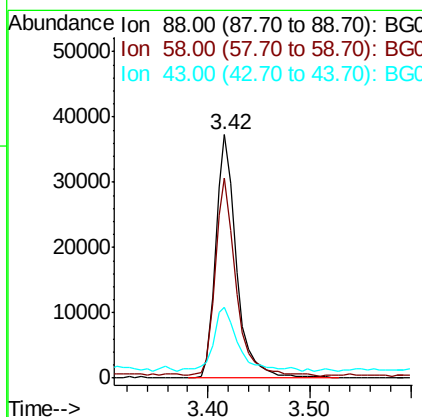
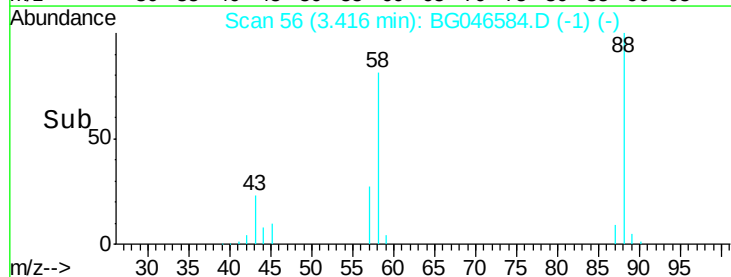


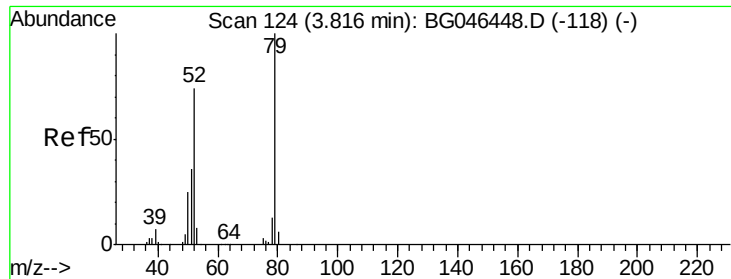
#2
 1,4-Dioxane
 Concen: 29.802 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion: 88 Resp: 52884
 Ion Ratio Lower Upper
 88 100
 58 79.6 61.4 92.2
 43 30.4 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: 30.941 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

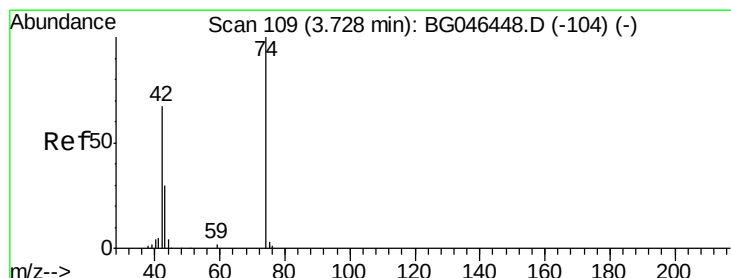
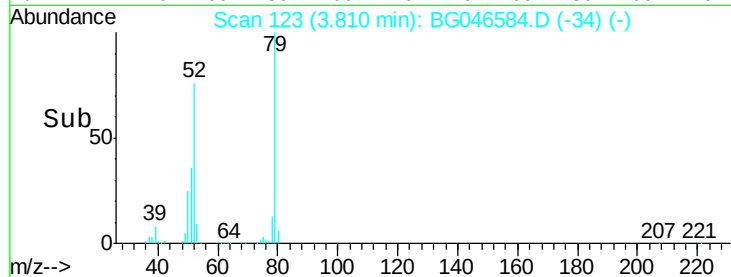
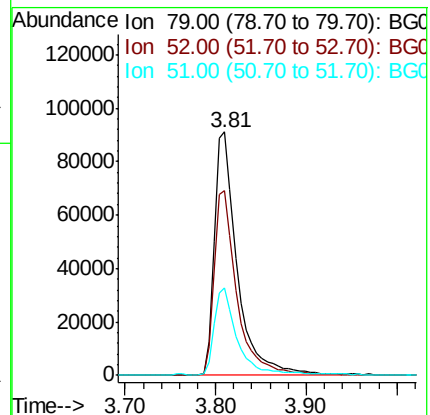
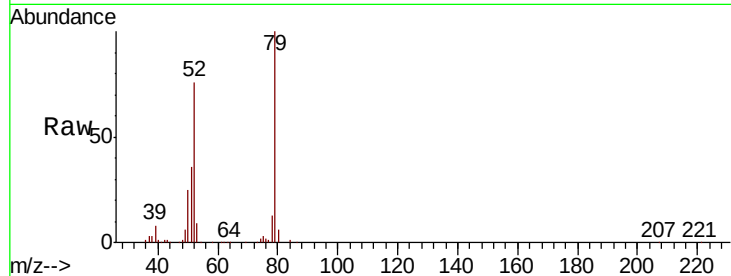
Tot Ion: 79 Resp: 160646

Ion Ratio Lower Upper

79 100

52 76.0 59.1 88.7

51 36.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 41.165 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

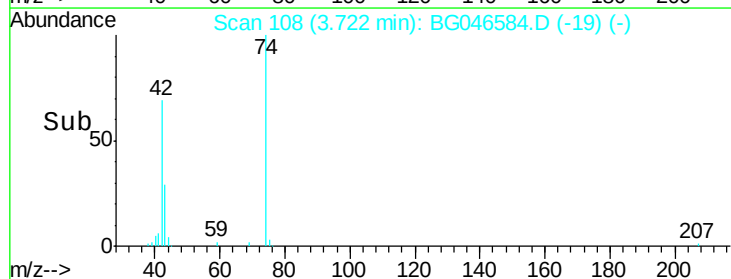
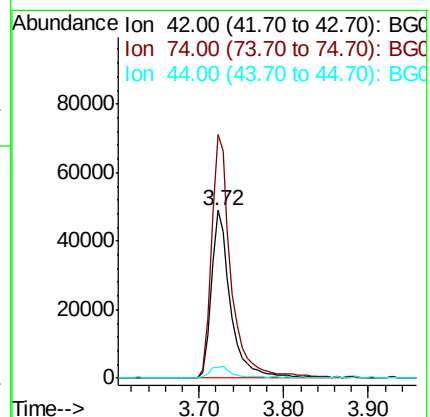
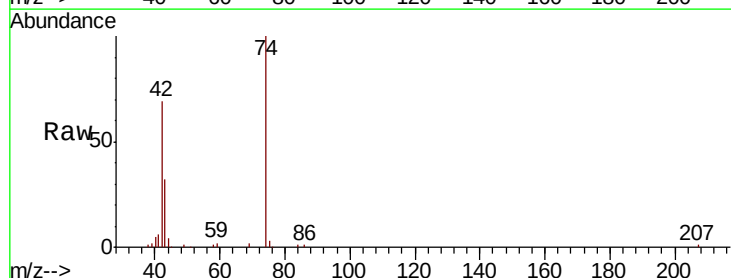
Tgt Ion: 42 Resp: 78827

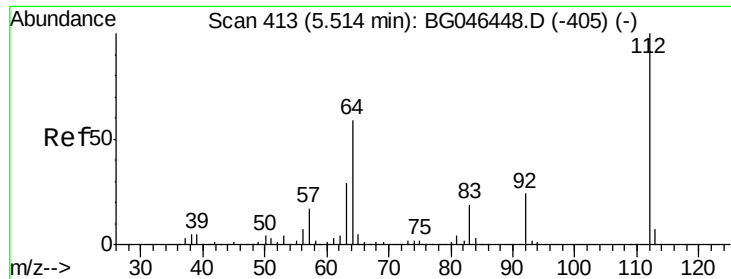
Ion Ratio Lower Upper

42 100

74 145.1 119.5 179.3

44 6.3 5.7 8.5





#5

2-Fluorophenol

Concen: 106.109 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

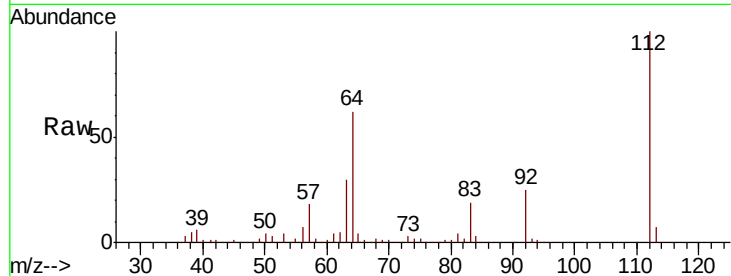
Tot Ion:112 Resp: 452591

Ion Ratio Lower Upper

112 100

64 61.8 47.0 70.6

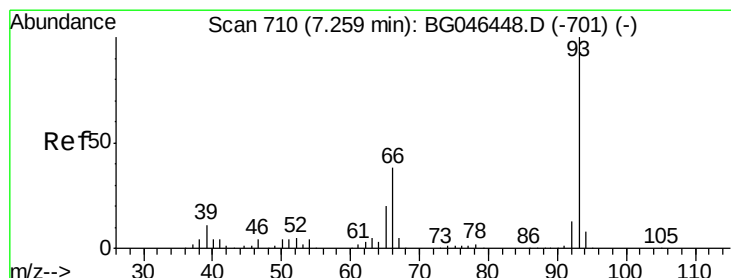
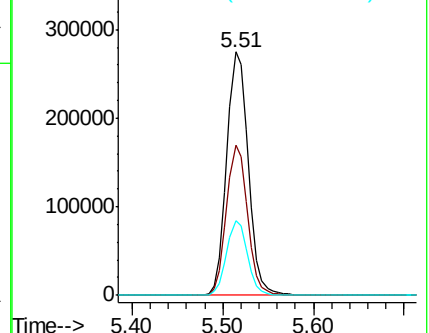
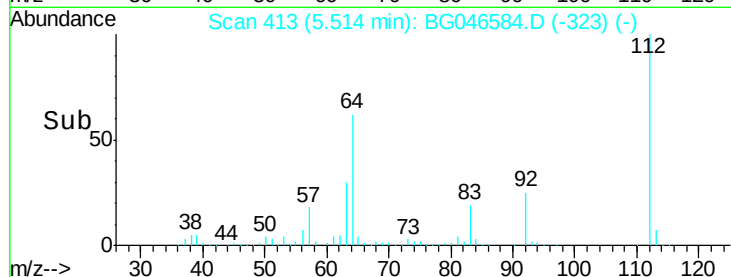
63 30.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.430 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

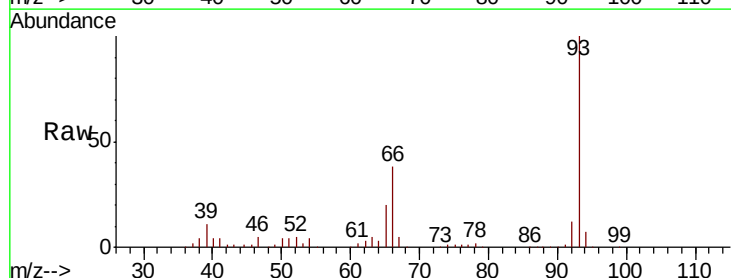
Tgt Ion: 93 Resp: 247874

Ion Ratio Lower Upper

93 100

66 37.6 30.4 45.6

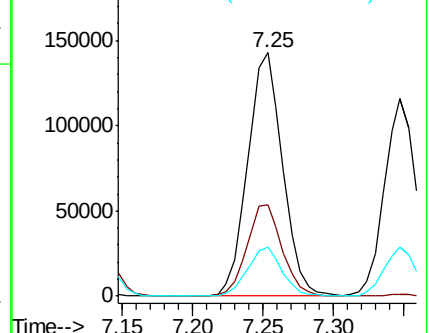
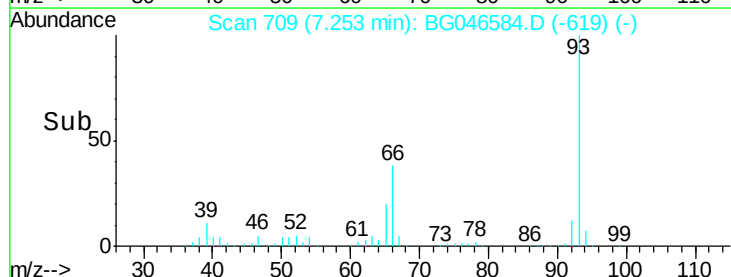
65 20.3 15.8 23.6

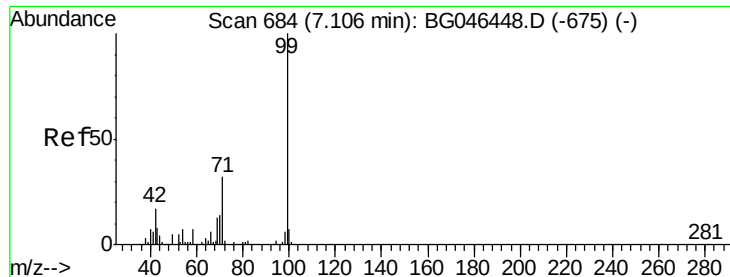


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.086 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

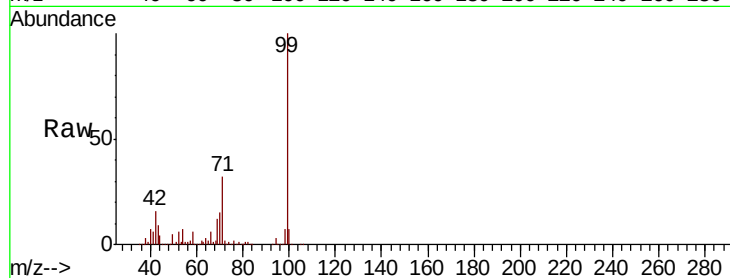
Tot Ion: 99 Resp: 580990

Ion Ratio Lower Upper

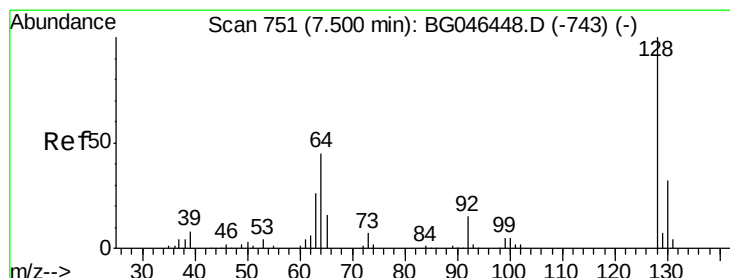
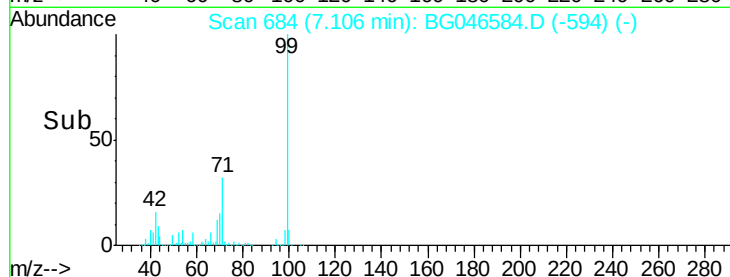
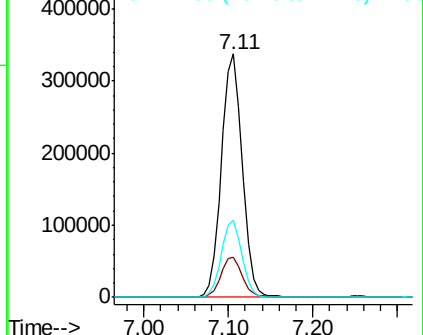
99 100

42 16.3 13.3 19.9

71 31.6 25.3 37.9



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



#8

2-Chlorophenol

Concen: 44.429 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

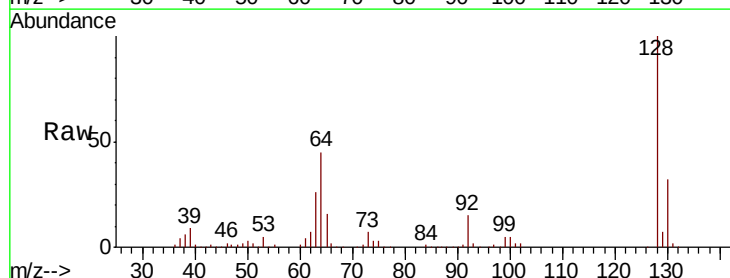
Tgt Ion: 128 Resp: 200290

Ion Ratio Lower Upper

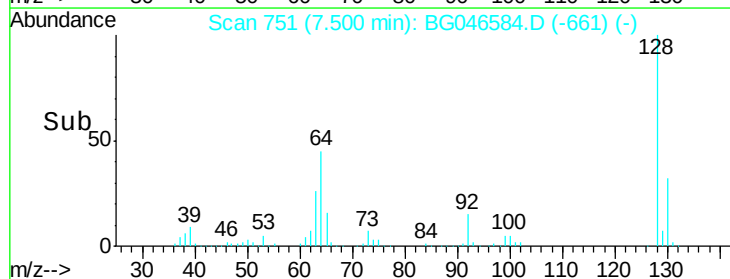
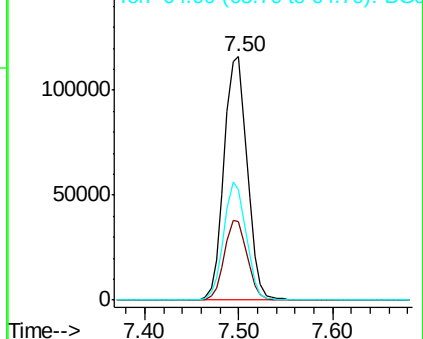
128 100

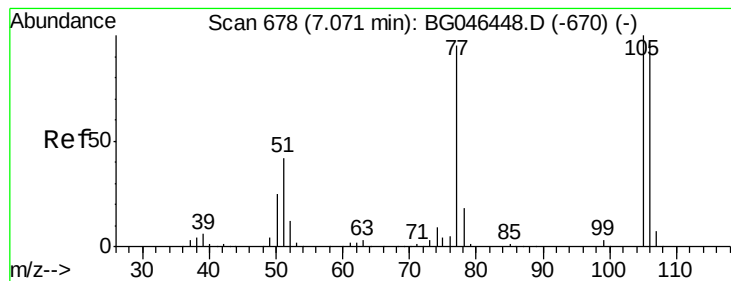
130 32.1 12.4 52.4

64 45.2 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: 30.932 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

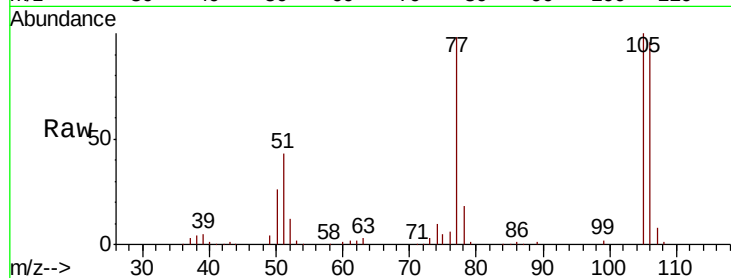
Tot Ion: 77 Resp: 104787

Ion Ratio Lower Upper

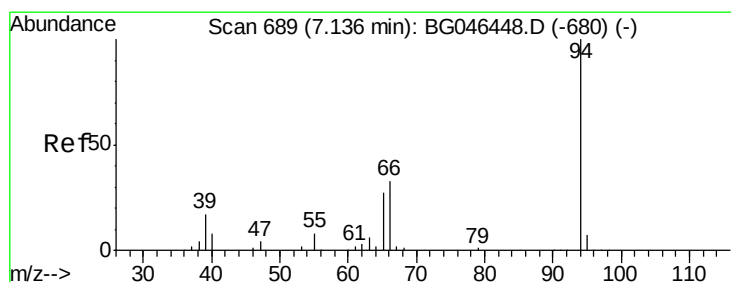
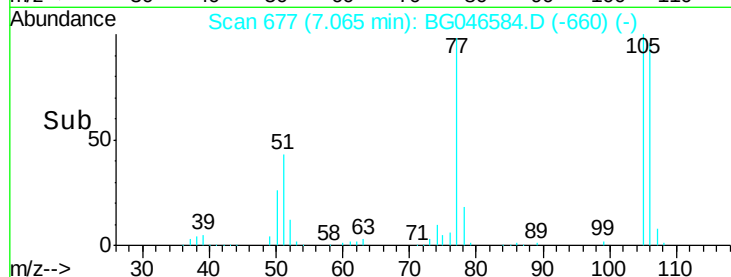
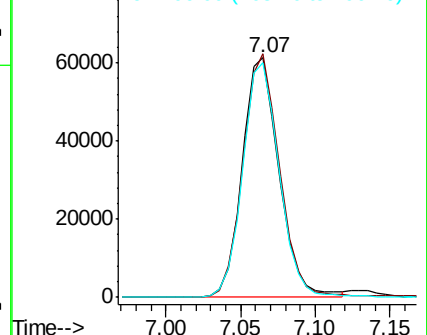
77 100

105 101.7 85.6 125.6

106 98.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.683 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

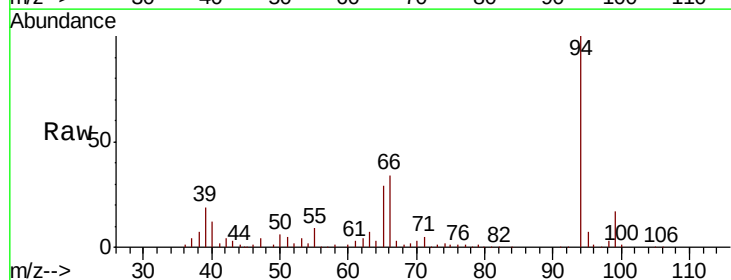
Tgt Ion: 94 Resp: 243279

Ion Ratio Lower Upper

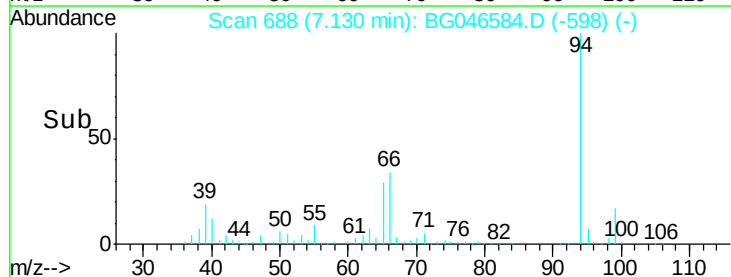
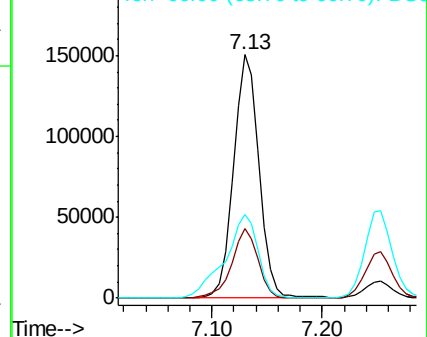
94 100

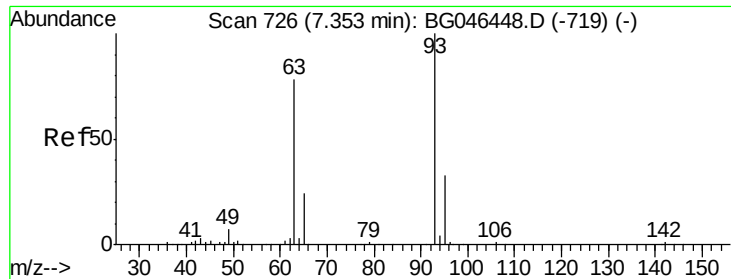
65 28.7 7.5 47.5

66 34.3 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

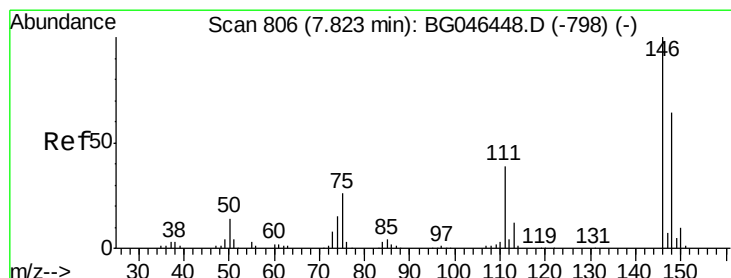
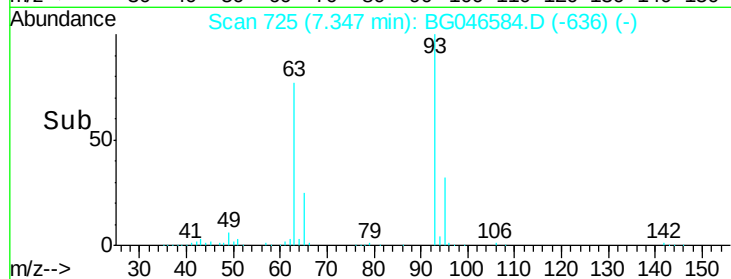
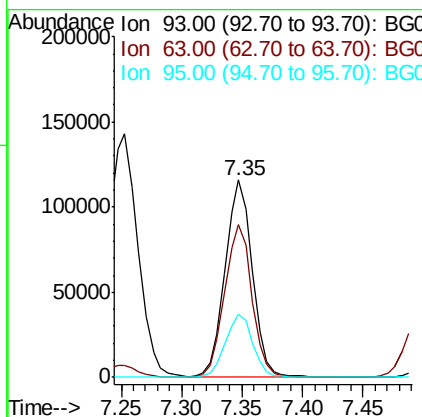
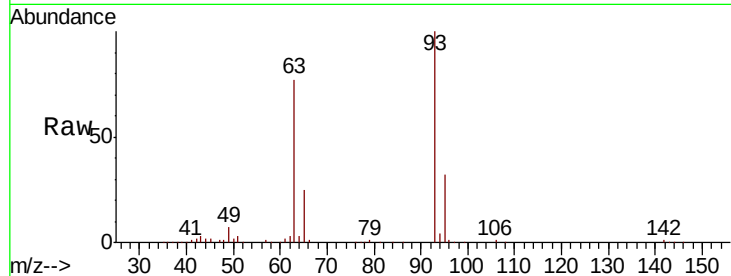




#11
bis(2-Chloroethyl)ether
Concen: 40.257 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

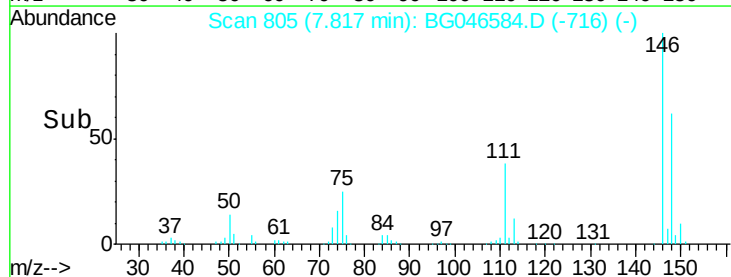
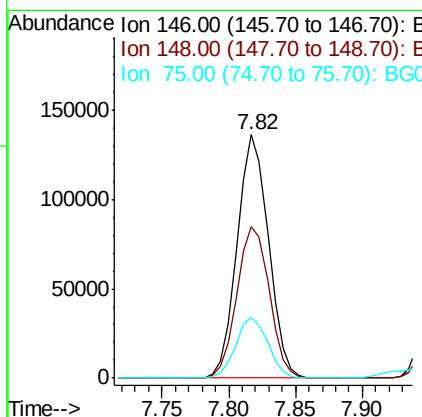
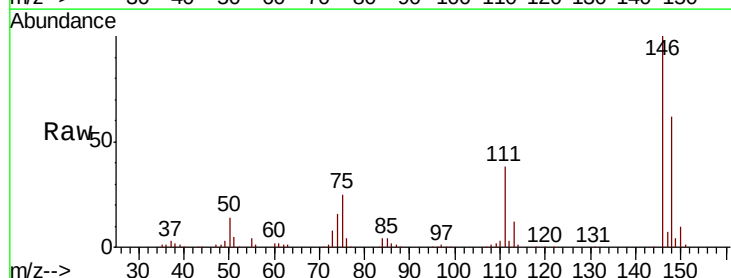
Instrument :
BNA_G
ClientSampleId :
PB131517BS

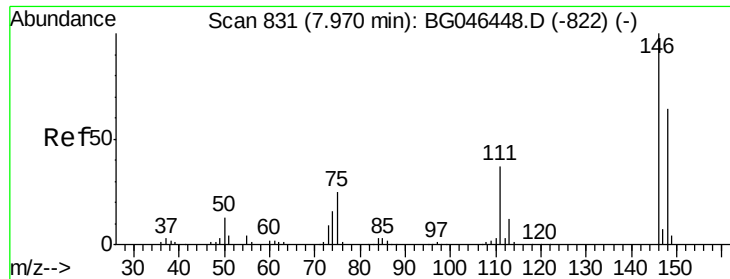
Tot Ion: 93 Resp: 180211
Ion Ratio Lower Upper
93 100
63 77.4 57.7 97.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.784 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion: 146 Resp: 221983
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.0
75 25.0 20.7 31.1





#13

1,4-Dichlorobenzene

Concen: 39.144 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

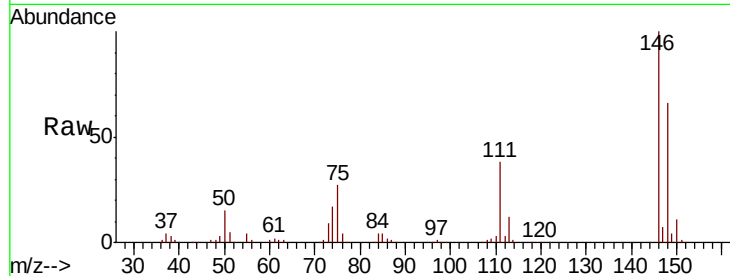
Tot Ion:146 Resp: 224296

Ion Ratio Lower Upper

146 100

148 65.8 50.9 76.3

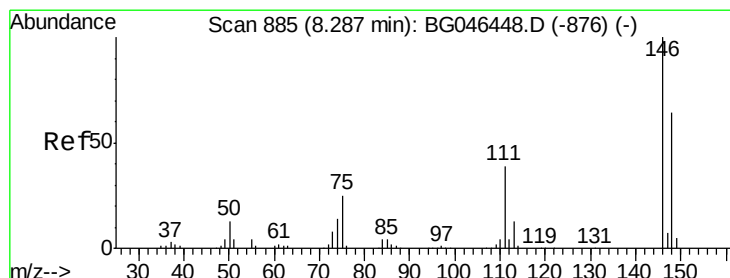
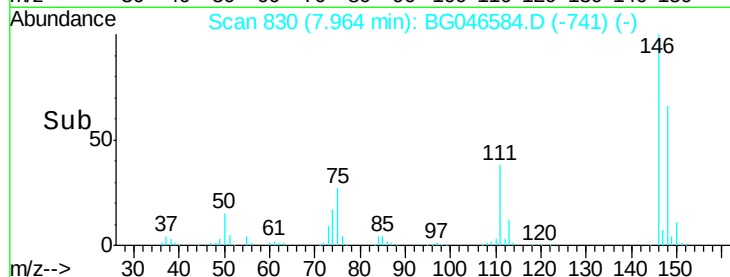
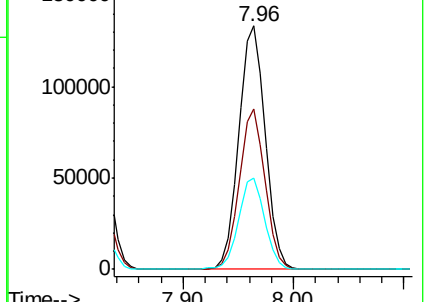
111 37.6 29.8 44.6



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: 39.563 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

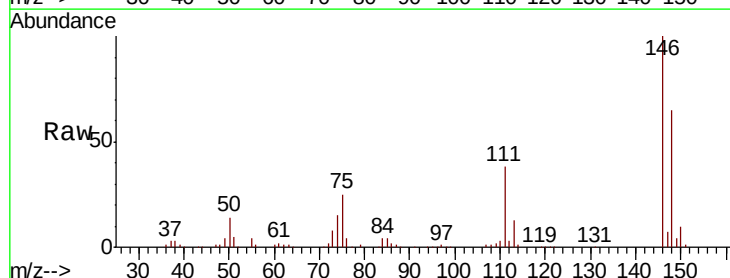
Tgt Ion:146 Resp: 217366

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

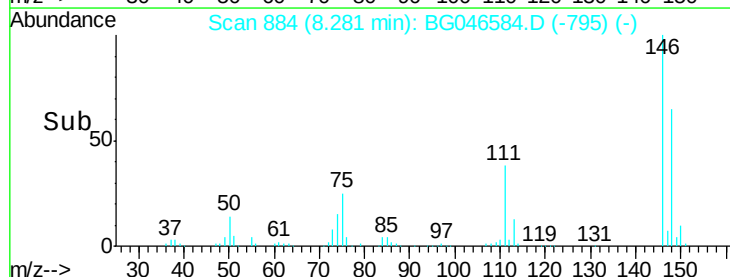
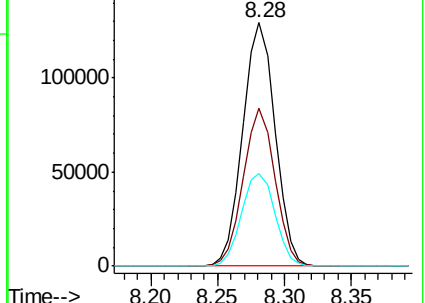
111 38.3 31.4 47.2

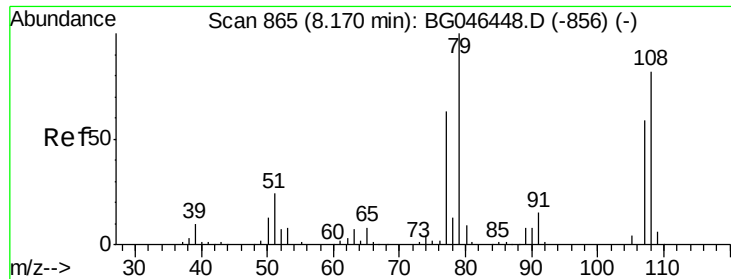


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.342 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

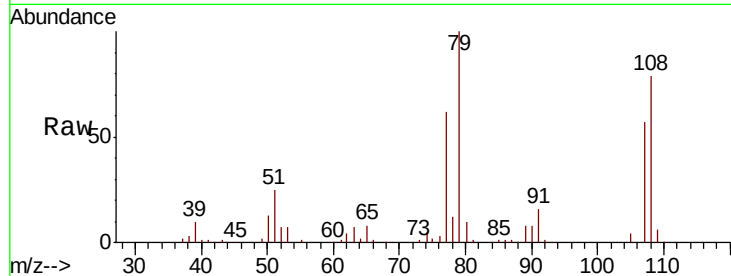
Tot Ion: 79 Resp: 168255

Ion Ratio Lower Upper

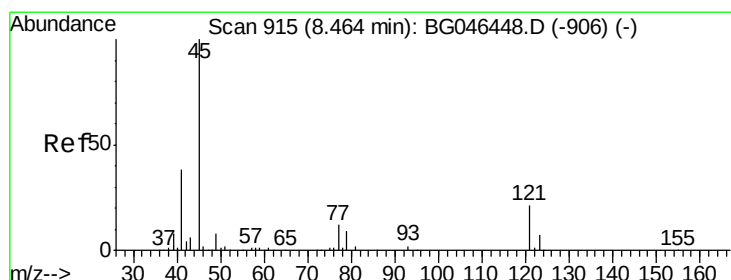
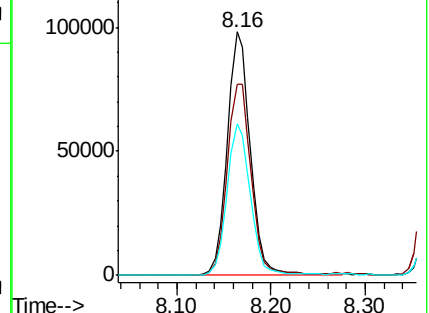
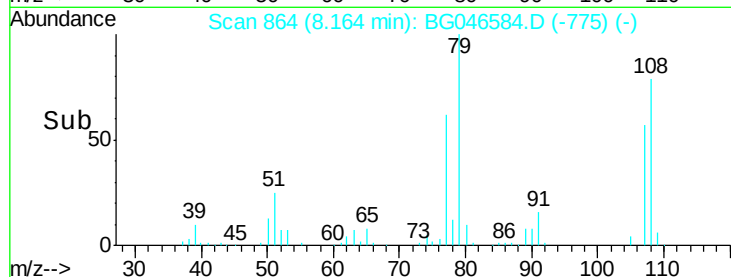
79 100

108 78.6 65.7 98.5

77 62.4 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.525 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

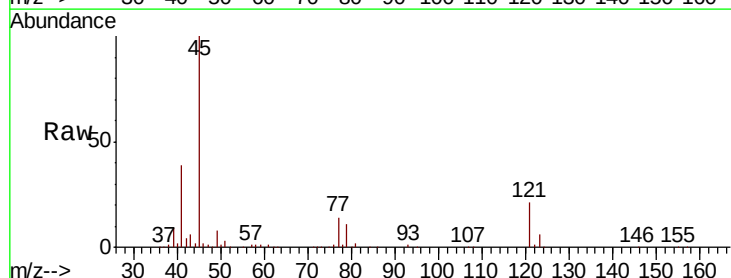
Tgt Ion: 45 Resp: 274447

Ion Ratio Lower Upper

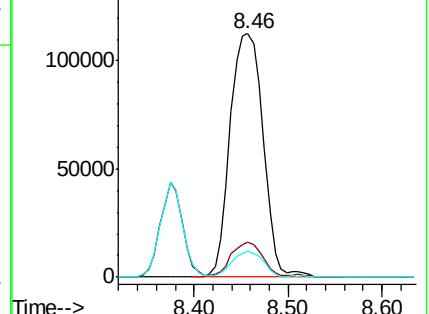
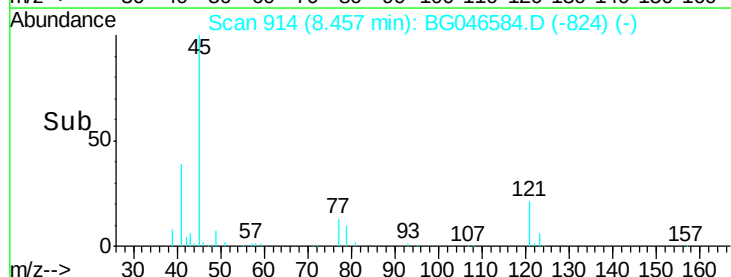
45 100

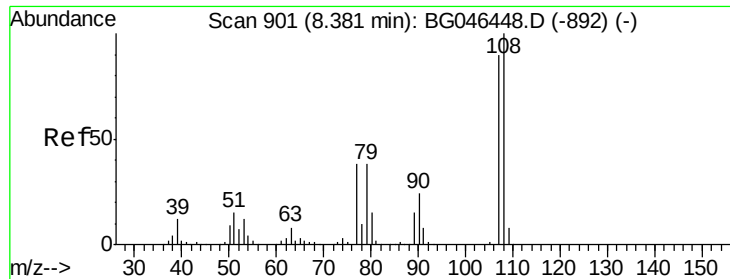
77 14.4 0.0 33.2

79 10.9 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: 43.482 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

Tot Ion:107 Resp: 171737

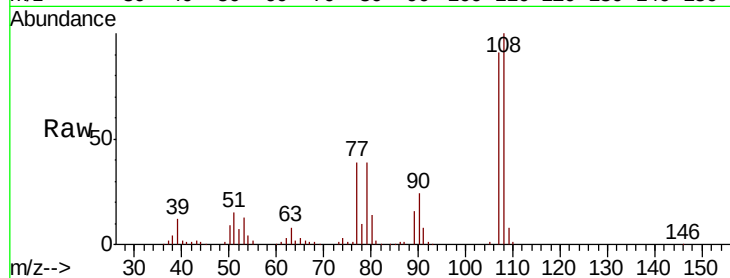
Ion Ratio Lower Upper

107 100

108 109.7 89.4 134.0

77 42.5 34.5 51.7

79 42.3 33.8 50.6

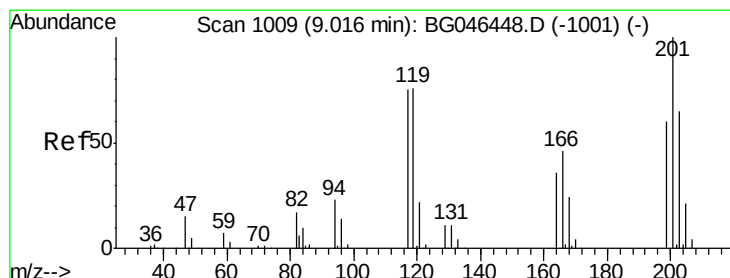
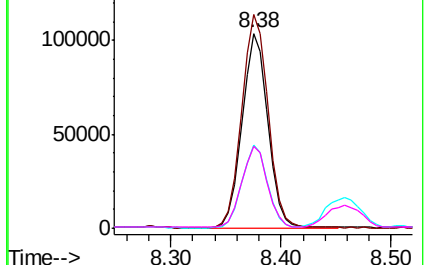
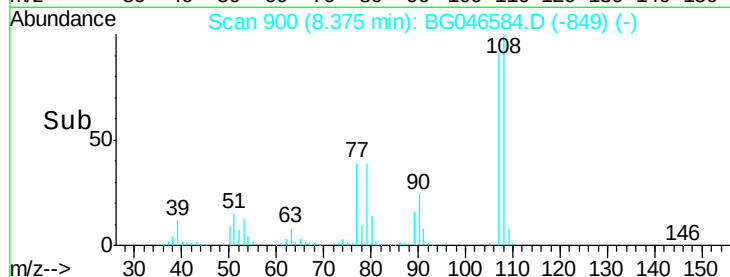


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.956 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

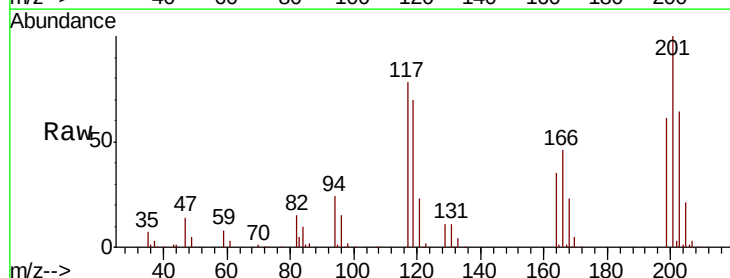
Tgt Ion:117 Resp: 75685

Ion Ratio Lower Upper

117 100

119 89.8 80.8 121.2

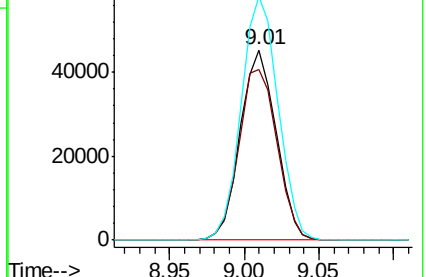
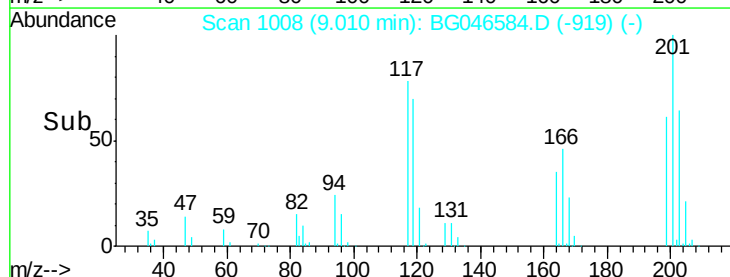
201 127.9 106.7 160.1

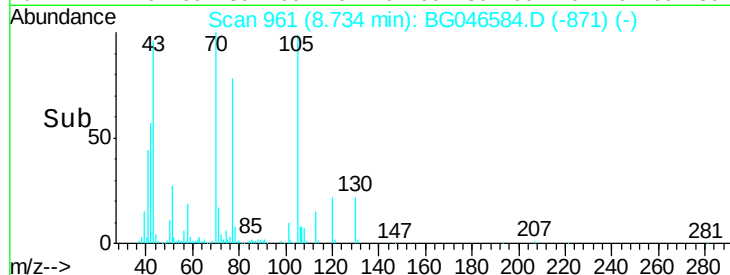
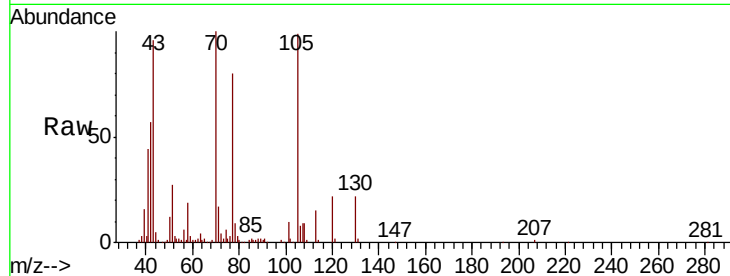
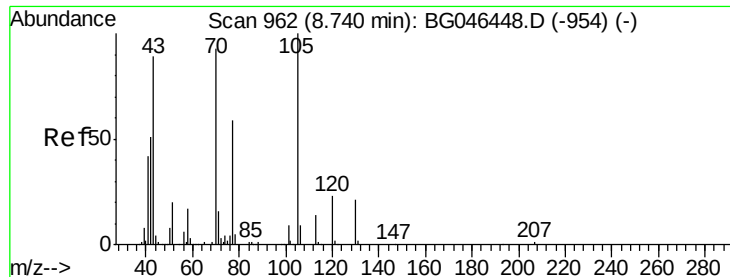


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

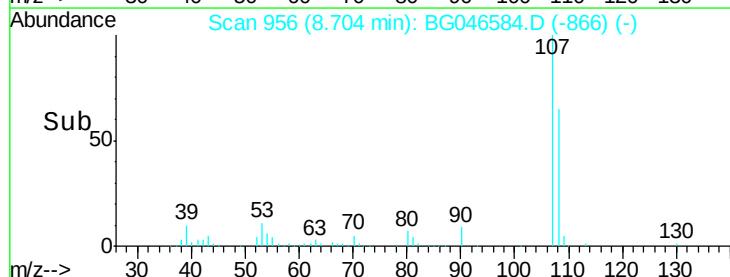
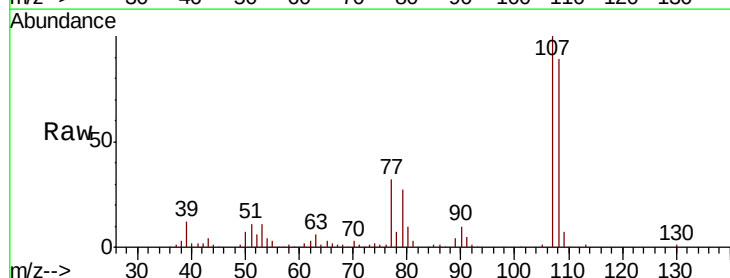
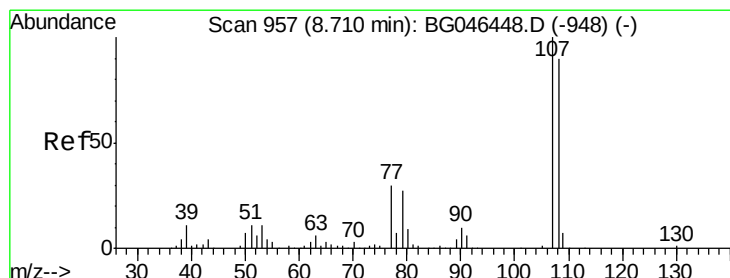
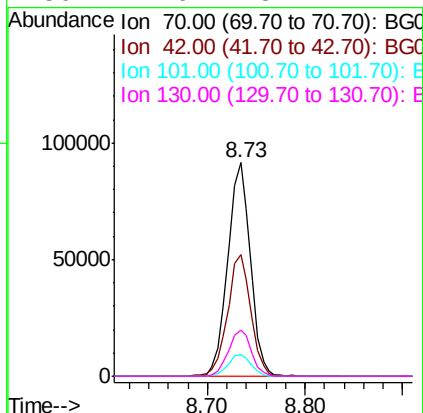




#19
n-Nitroso-di-n-propylamine
Concen: 40.778 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

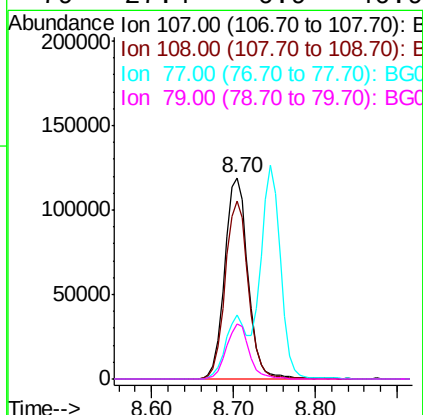
Instrument :
BNA_G
ClientSampleId :
PB131517BS

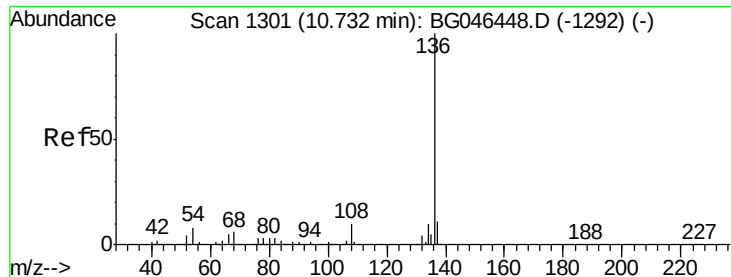
Tot Ion:	70	Resp:	147487
Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.2	66.2
101	10.3	7.8	11.8
130	21.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.345 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:	107	Resp:	236297
Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.7	109.7
77	31.7	9.7	49.7
79	27.4	6.9	46.9

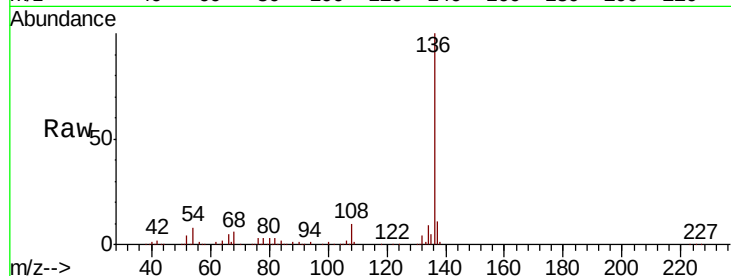




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion:136	Resp:	300987	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.9	6.1	9.1	
68 5.5	4.8	7.2	



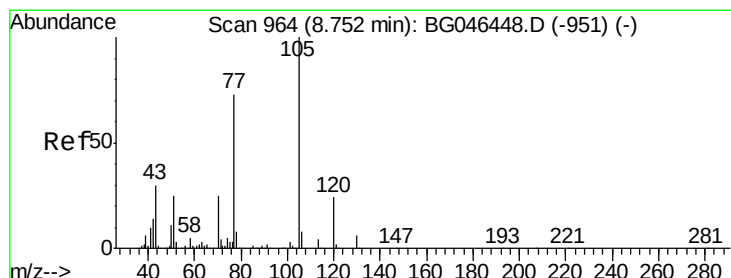
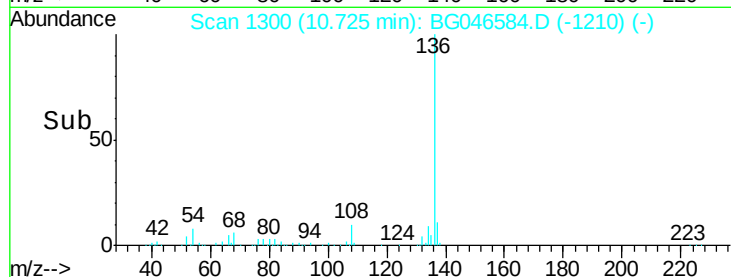
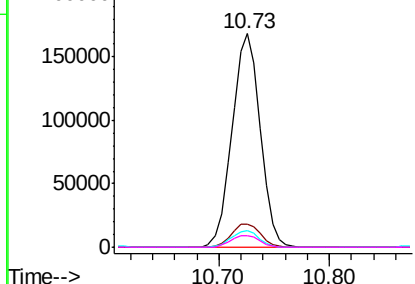
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

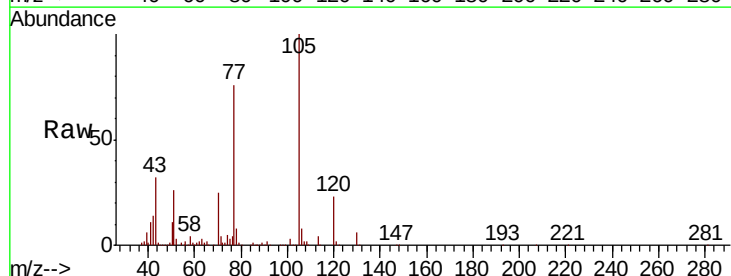
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.714 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt	Ion:105	Resp:	283645
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.3	4.9
51	25.5	20.6	31.0
120	23.3	19.0	28.6



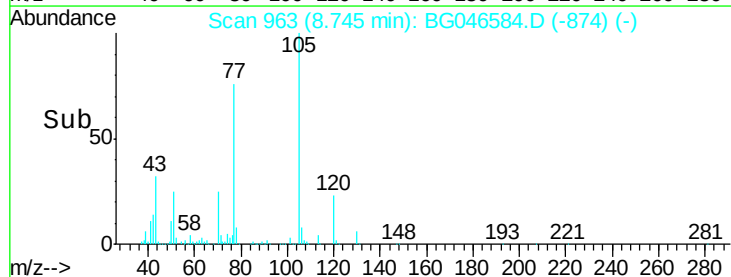
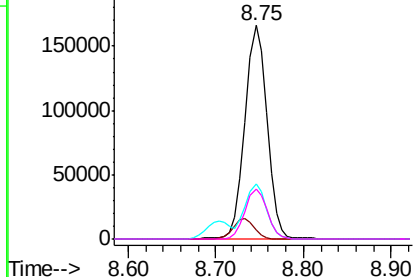
Abundance

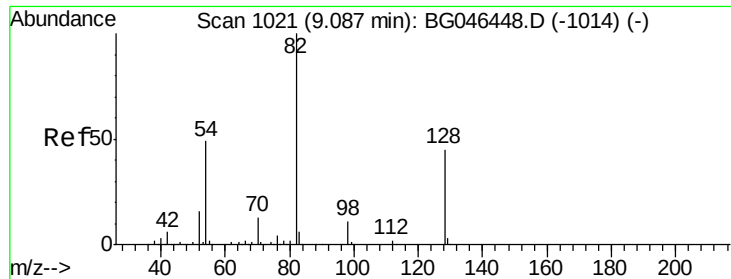
Ion 105.00 (104.70 to 105.70): E

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

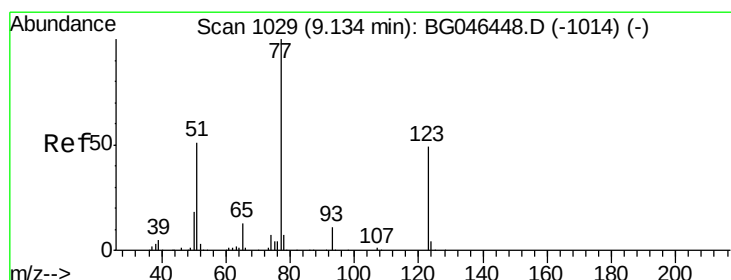
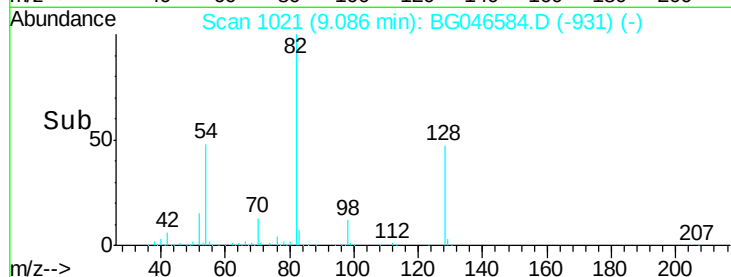
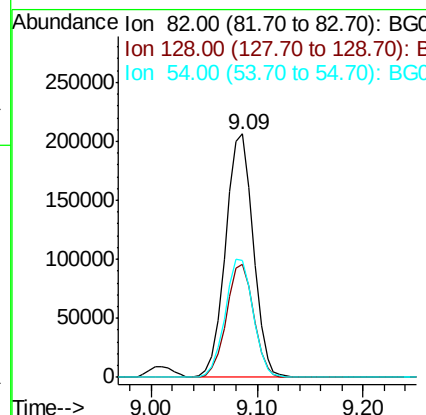
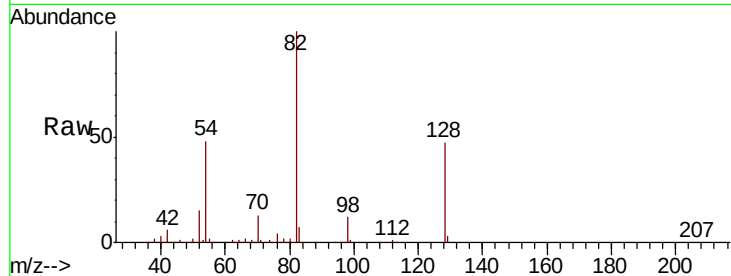




#23
Nitrobenzene-d5
Concen: 70.941 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

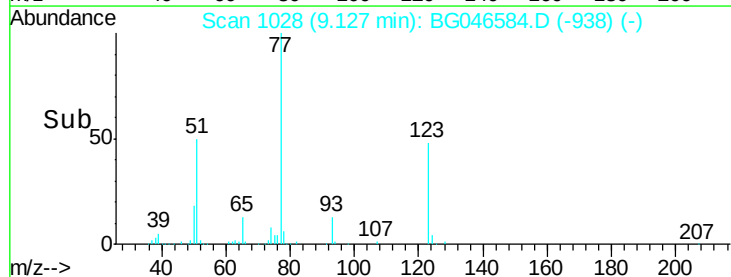
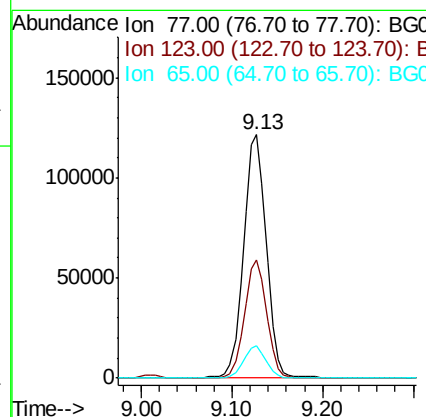
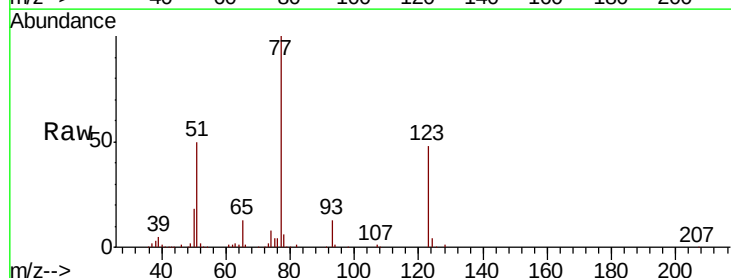
Instrument :
BNA_G
ClientSampleId :
PB131517BS

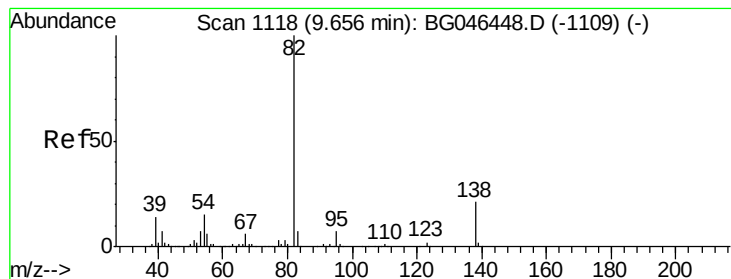
Tot Ion	82	Resp	373588
Ion Ratio	Lower	Upper	
82	100		
128	46.7	35.7	53.5
54	48.2	39.4	59.0



#24
Nitrobenzene
Concen: 40.658 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion	77	Resp	211531
Ion Ratio	Lower	Upper	
77	100		
123	48.3	39.6	59.4
65	13.5	10.1	15.1





#25

Isophorone

Concen: 41.465 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

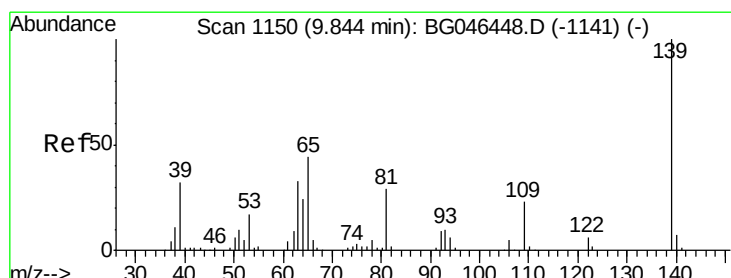
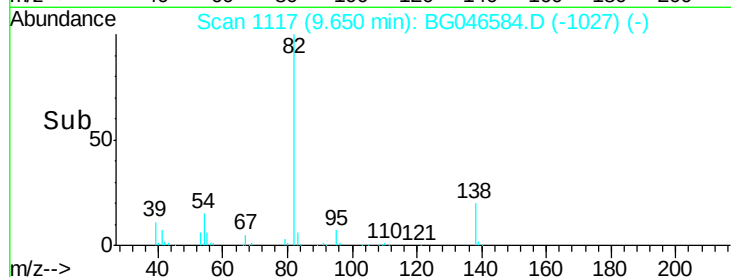
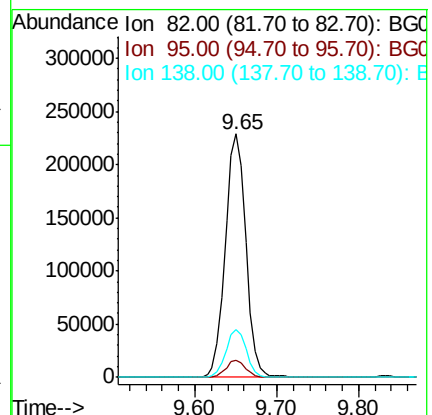
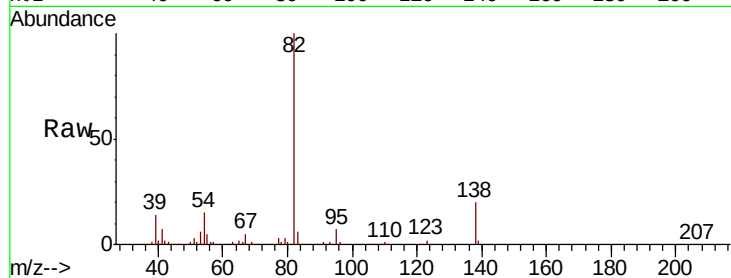
Tot Ion: 82 Resp: 400338

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.8 16.4 24.6



#26

2-Nitrophenol

Concen: 42.551 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

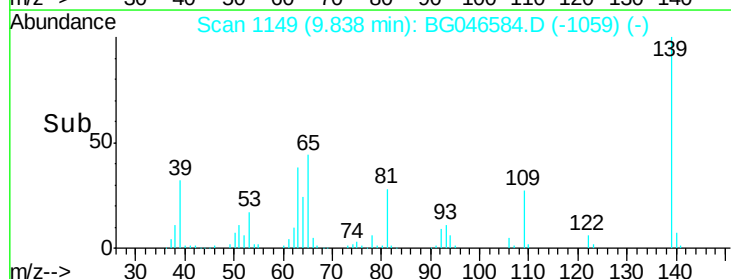
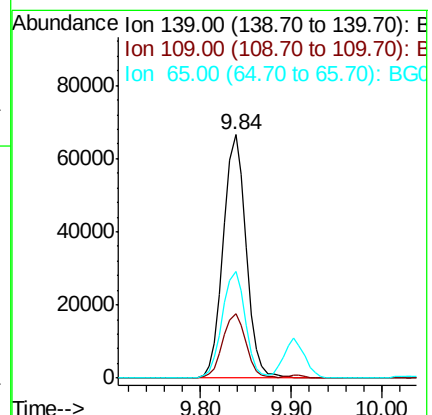
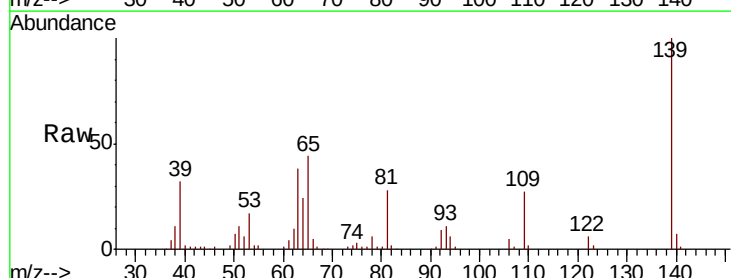
Tgt Ion: 139 Resp: 116800

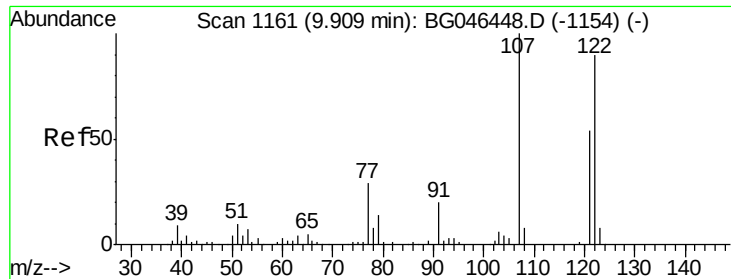
Ion Ratio Lower Upper

139 100

109 26.7 18.8 28.2

65 43.9 35.0 52.6

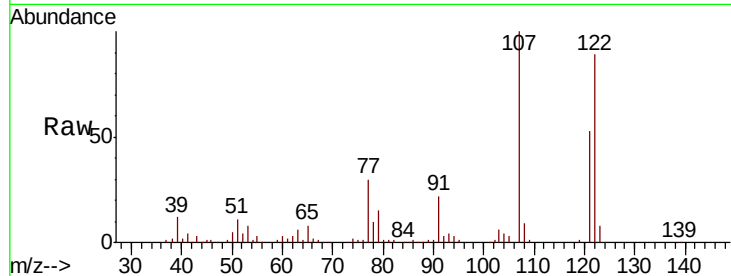




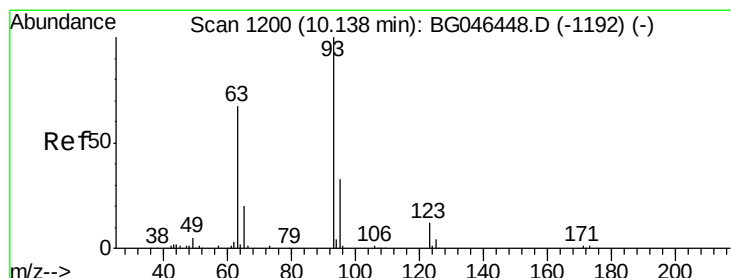
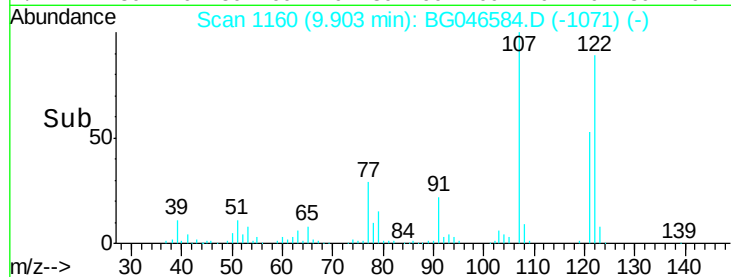
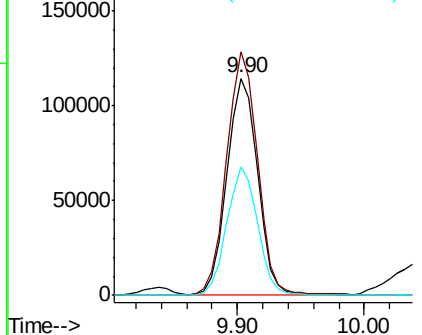
#27
 2,4-Dimethylphenol
 Concen: 50.393 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

Tot Ion:122 Resp: 190255
 Ion Ratio Lower Upper
 122 100
 107 112.3 88.2 132.2
 121 59.4 47.4 71.0

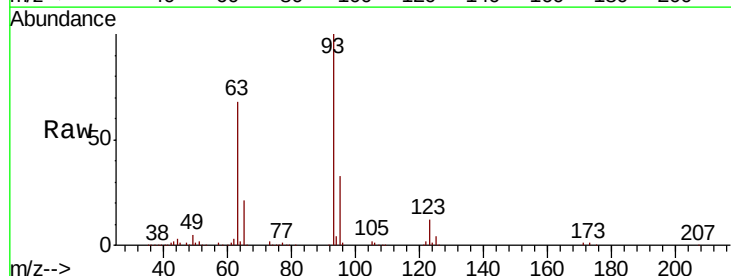


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

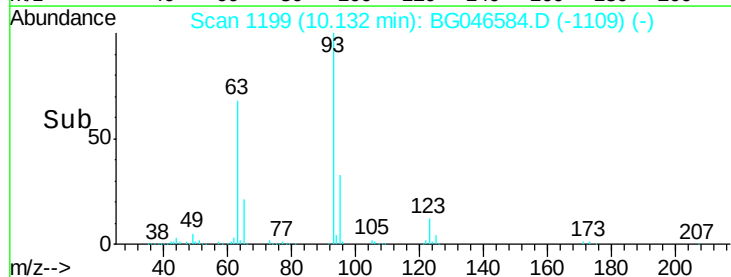
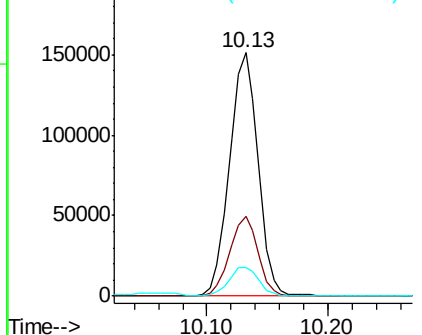


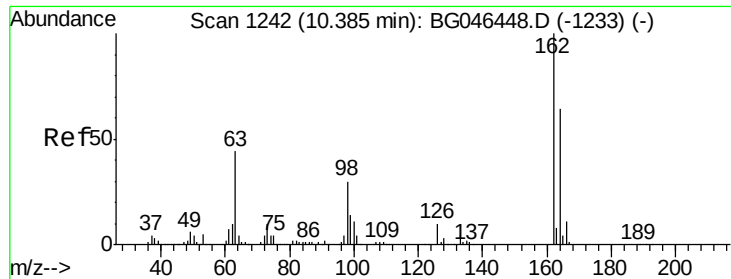
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.977 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion: 93 Resp: 248427
 Ion Ratio Lower Upper
 93 100
 95 33.0 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

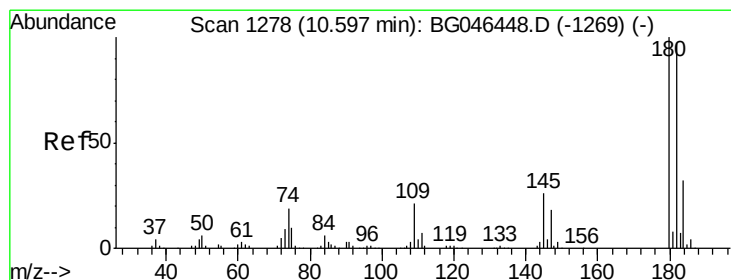
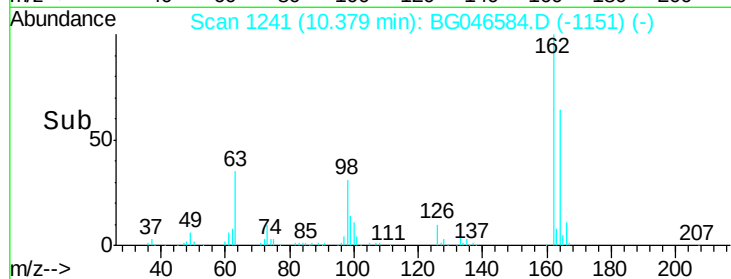
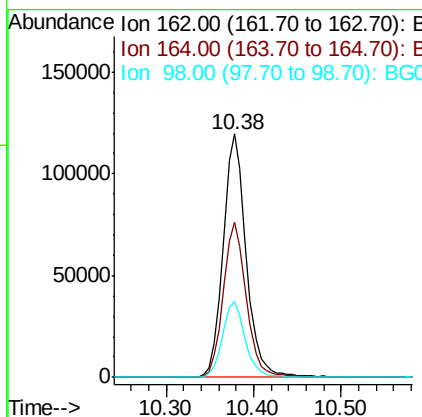
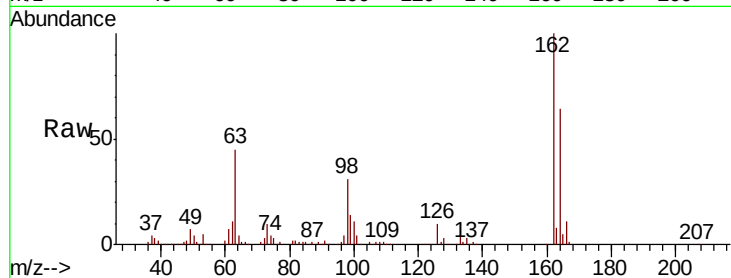




#29
 2,4-Dichlorophenol
 Concen: 43.062 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

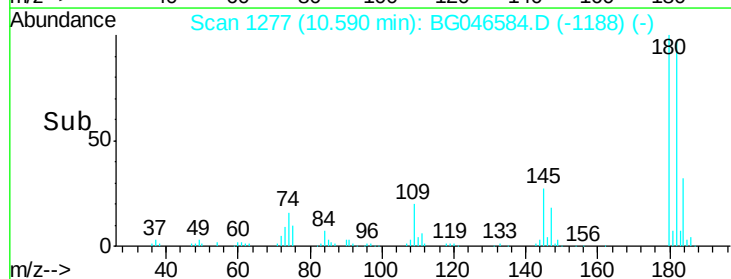
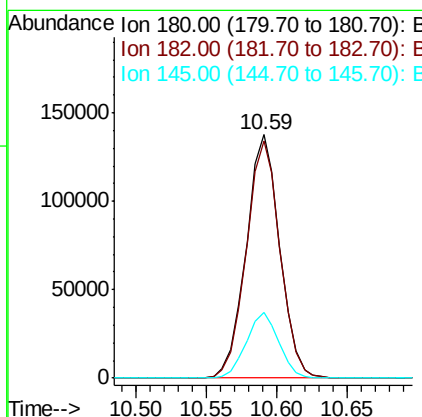
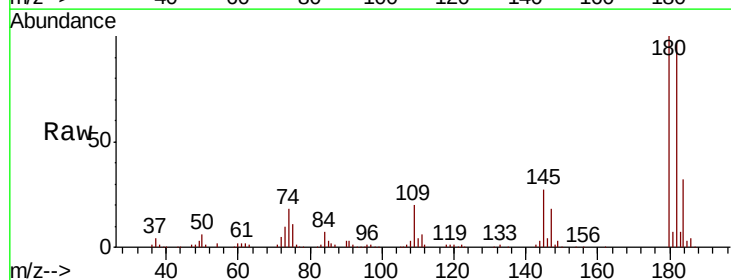
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

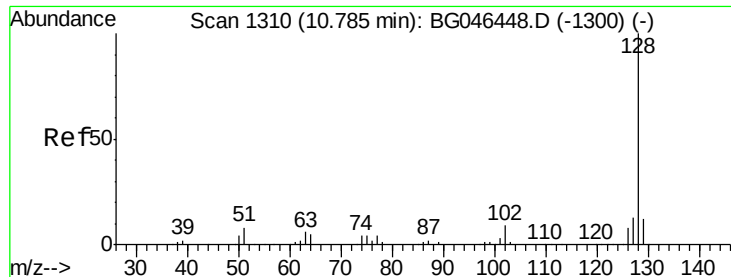
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	31.2	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.460 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.8	116.8
145	26.7	20.9	31.3

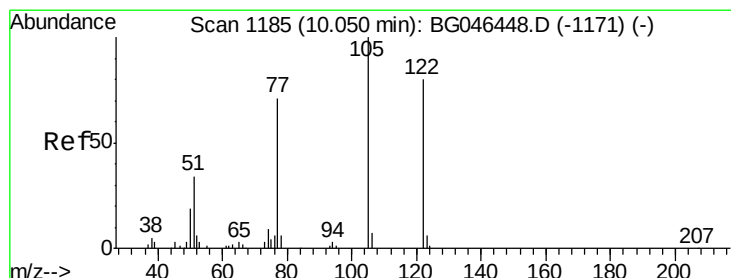
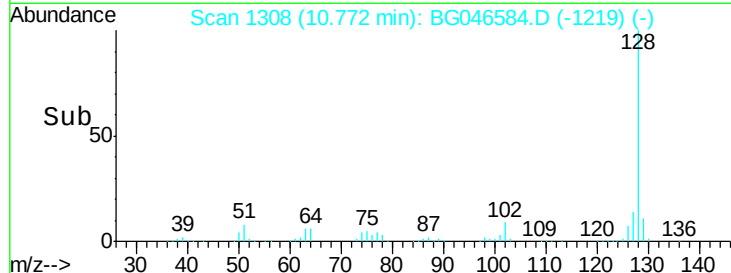
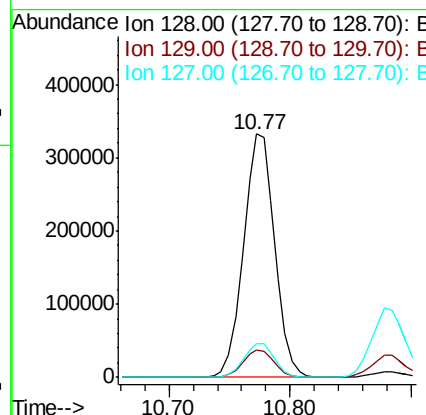
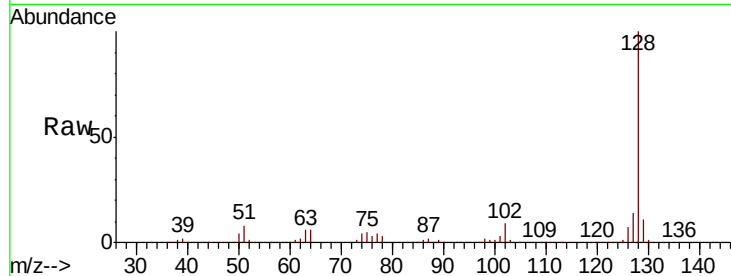




#31
Naphthalene
Concen: 40.435 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

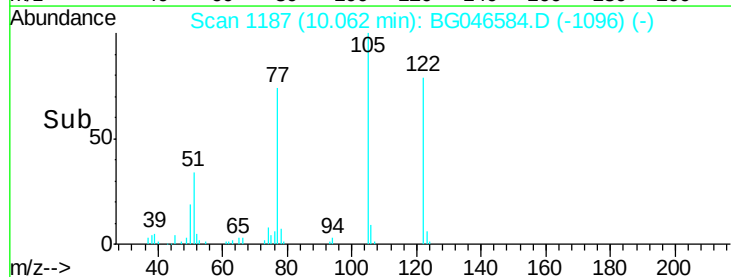
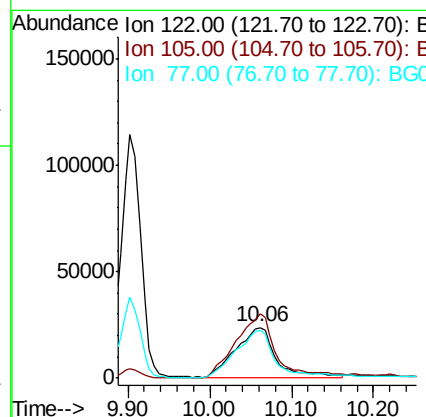
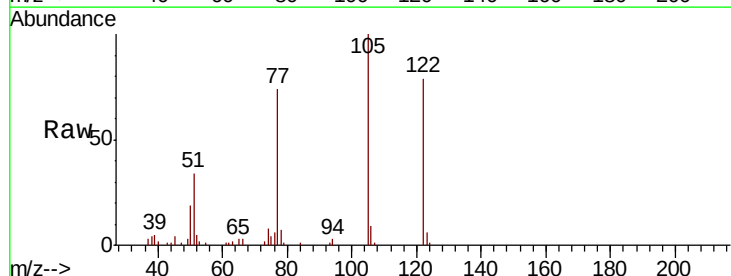
Instrument :
BNA_G
ClientSampleId :
PB131517BS

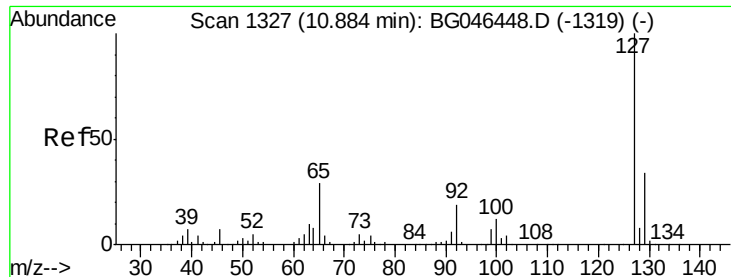
Tot Ion:128 Resp: 594234
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 32.471 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:122 Resp: 79227
Ion Ratio Lower Upper
122 100
105 127.0 102.5 142.5
77 94.4 68.2 108.2

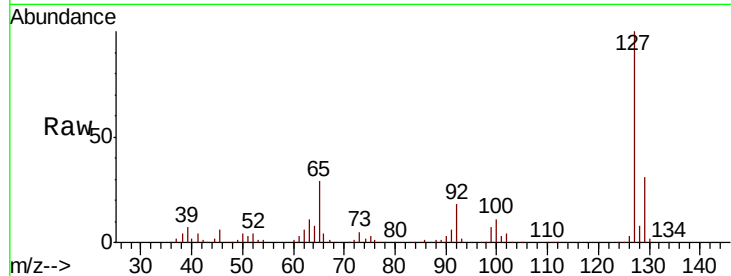




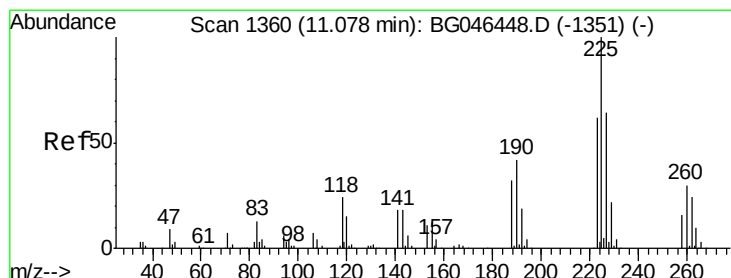
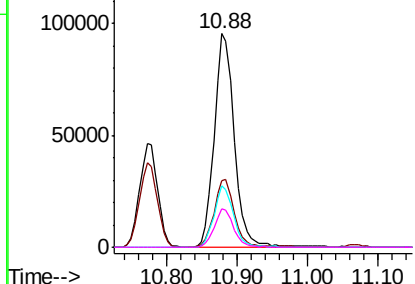
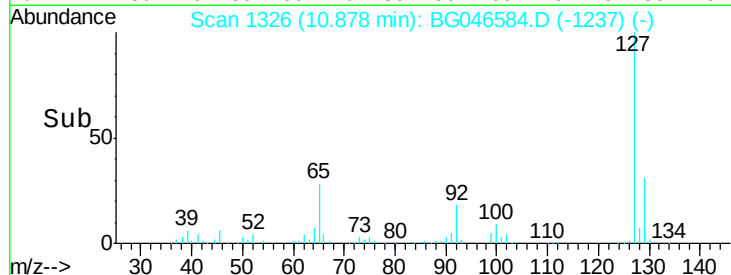
#33
4-Chloroaniline
Concen: 29.137 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion:127	Resp:	188818
Ion Ratio	Lower	Upper
127	100	
129	30.9	27.0 40.4
65	28.6	23.5 35.3
92	17.8	14.9 22.3

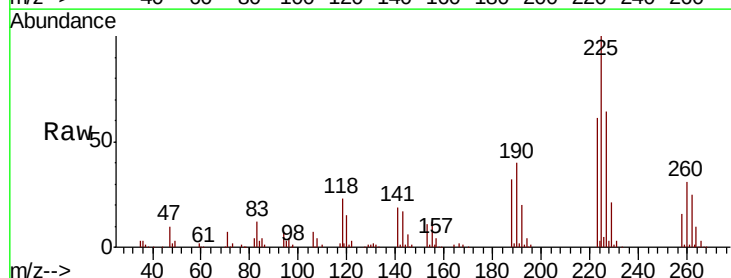


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

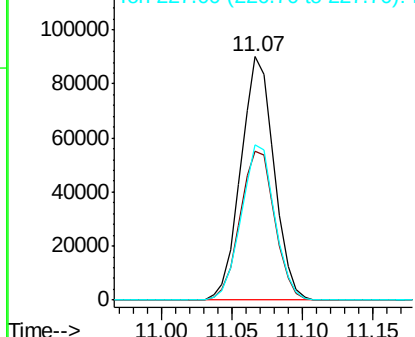
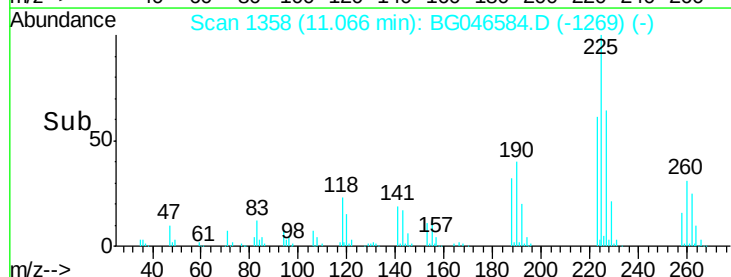


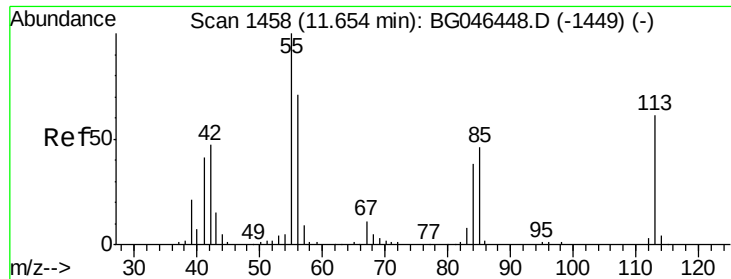
#34
Hexachlorobutadiene
Concen: 38.233 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:225	Resp:	148210
Ion Ratio	Lower	Upper
225	100	
223	61.1	49.9 74.9
227	63.8	51.6 77.4



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





#35

Caprolactam

Concen: 23.760 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

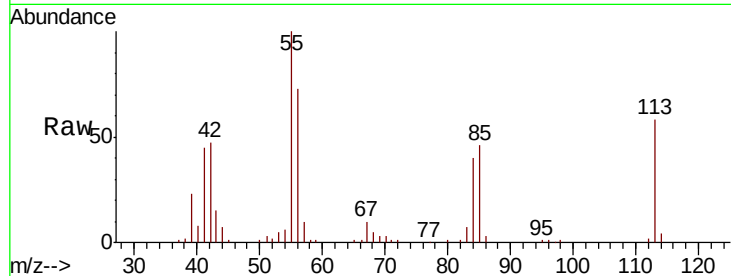
Tot Ion:113 Resp: 44699

Ion Ratio Lower Upper

113 100

55 172.3 144.2 184.2

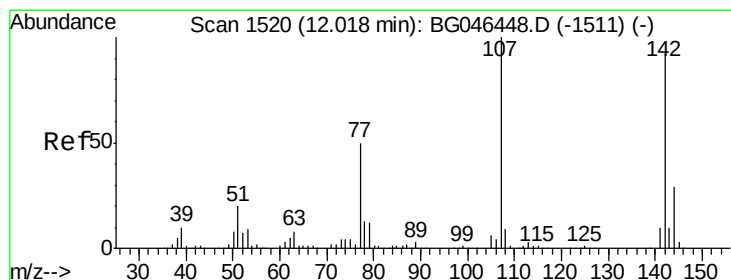
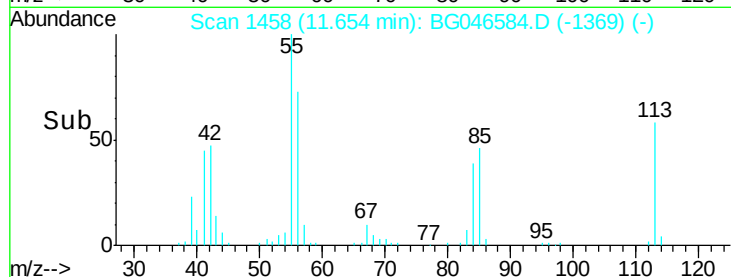
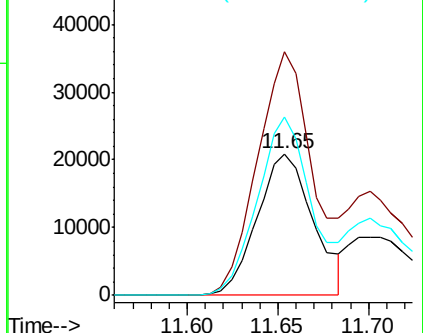
56 125.8 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.989 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

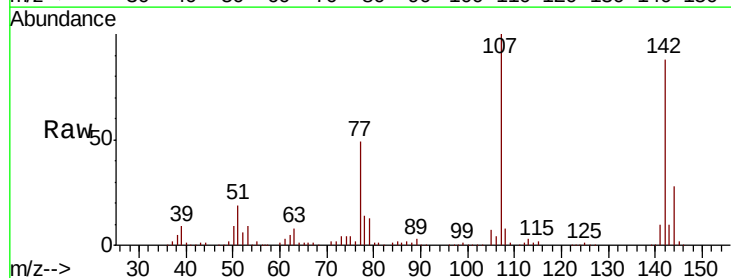
Tgt Ion:107 Resp: 211612

Ion Ratio Lower Upper

107 100

144 28.0 23.3 34.9

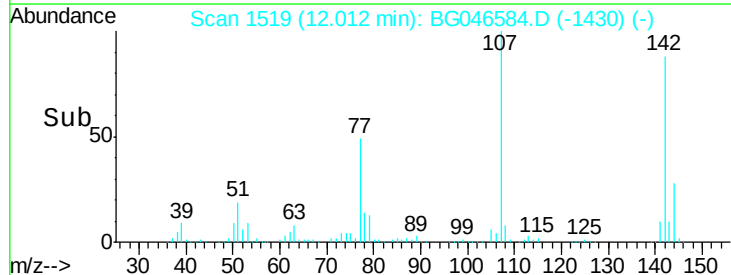
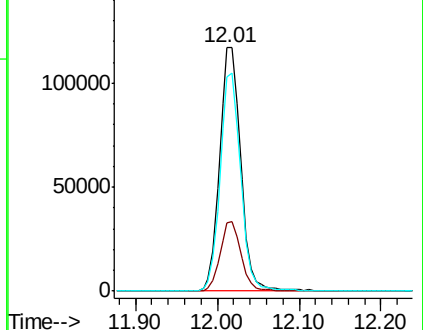
142 87.8 73.7 110.5

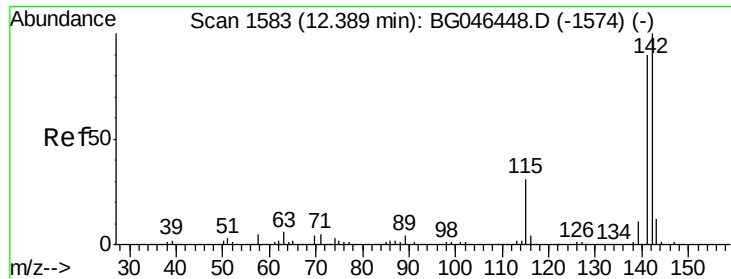


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

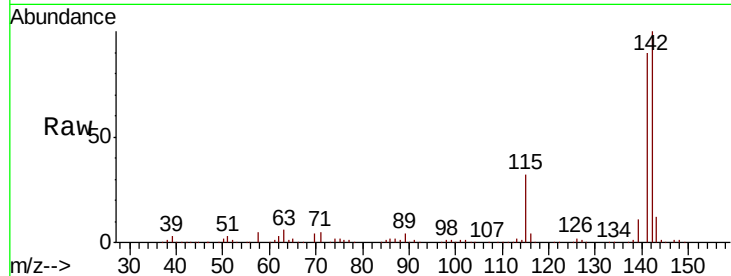




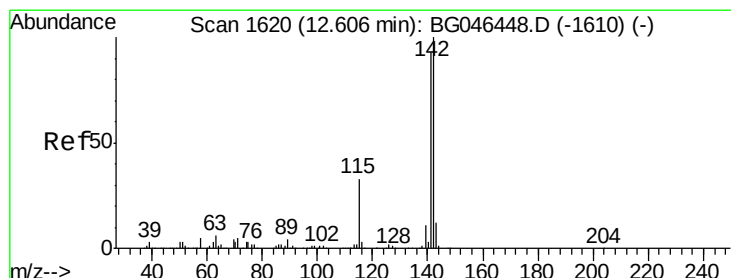
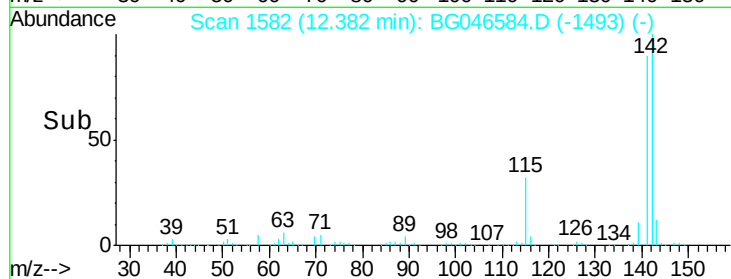
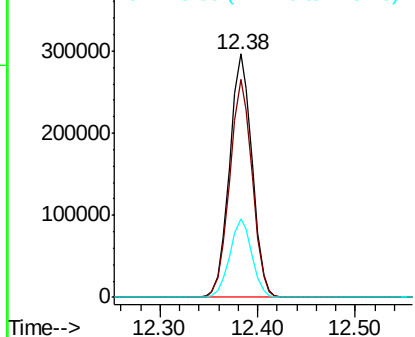
#37
2-Methylnaphthalene
Concen: 41.013 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1
115	32.2	24.9	37.3

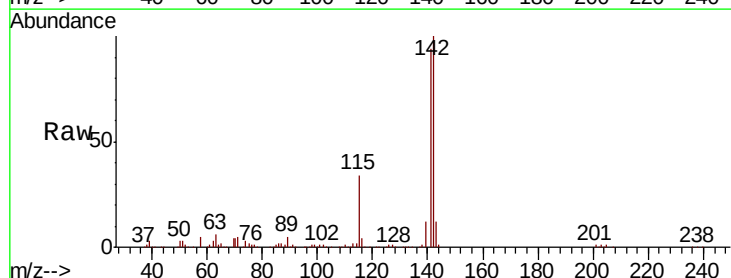


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

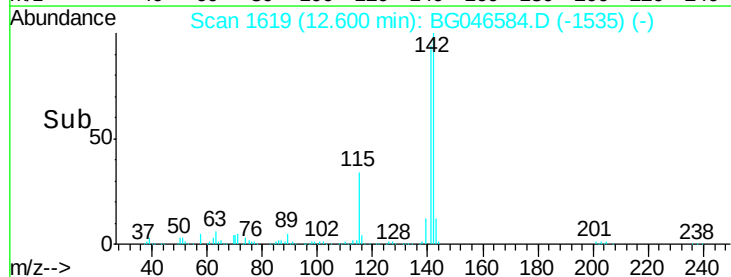
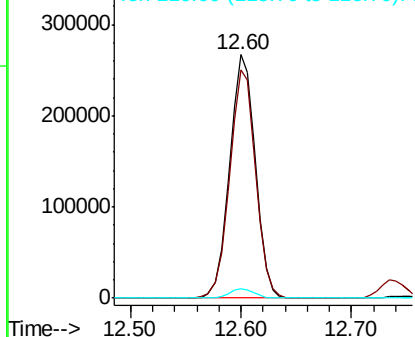


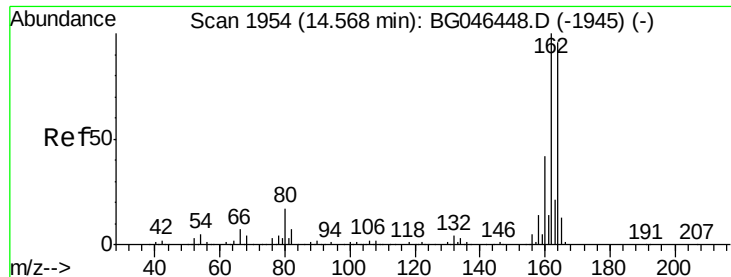
#38
1-Methylnaphthalene
Concen: 39.649 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1
116	3.6	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

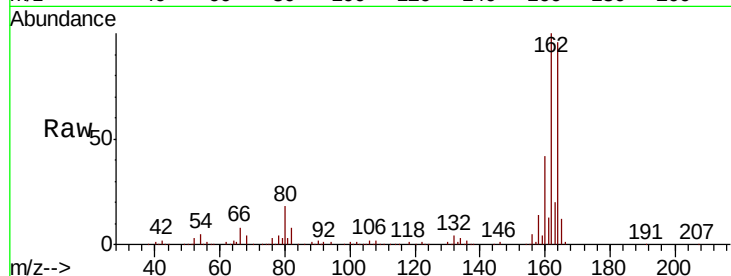
Tot Ion:164 Resp: 205086

Ion Ratio Lower Upper

164 100

162 104.3 83.3 124.9

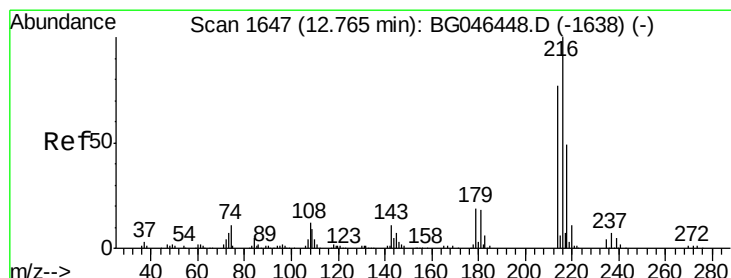
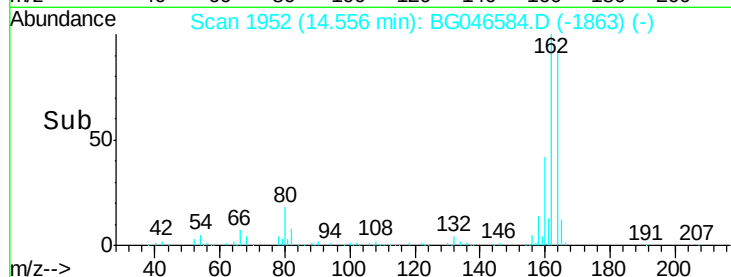
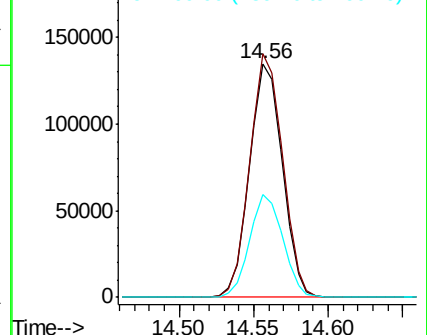
160 43.9 35.0 52.6



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: 41.169 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Tgt Ion:216 Resp: 278428

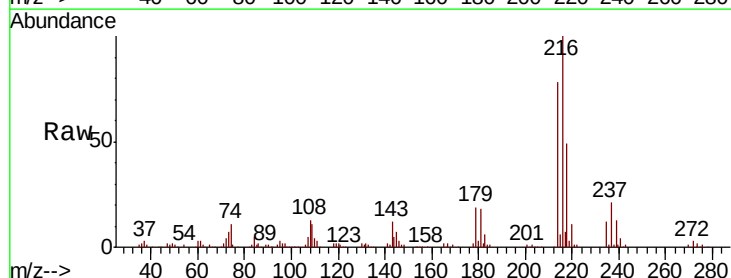
Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

179 18.9 14.9 22.3

108 14.9 10.5 15.7

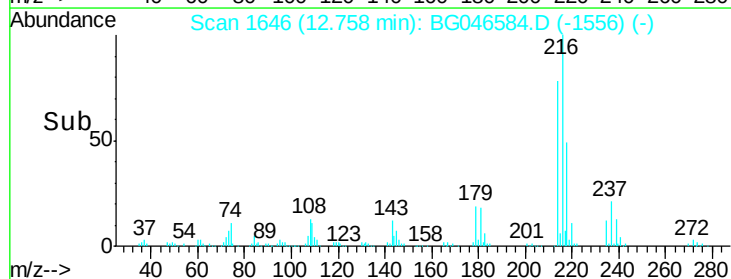
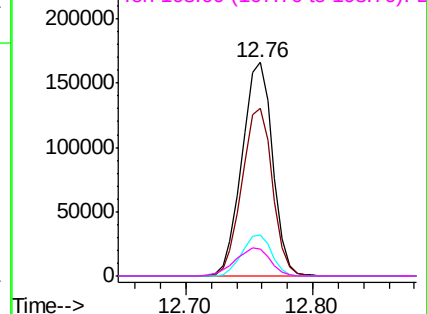


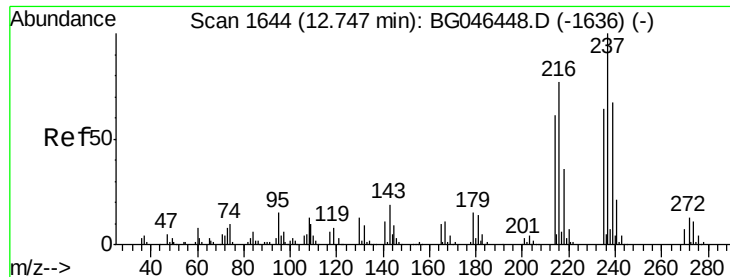
Abundance Ion 216.00 (215.70 to 216.70): E

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: 108.315 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

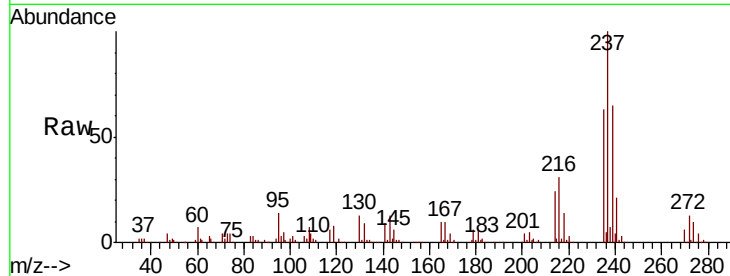
Tot Ion:237 Resp: 318521

Ion Ratio Lower Upper

237 100

235 63.0 44.5 84.5

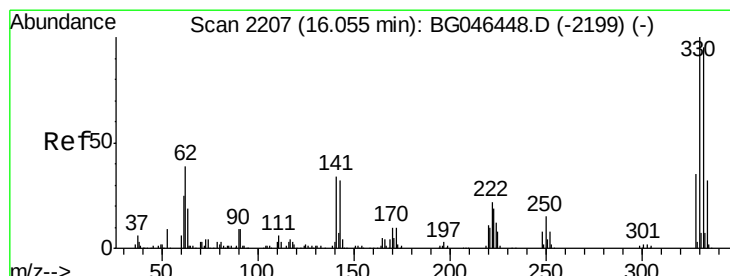
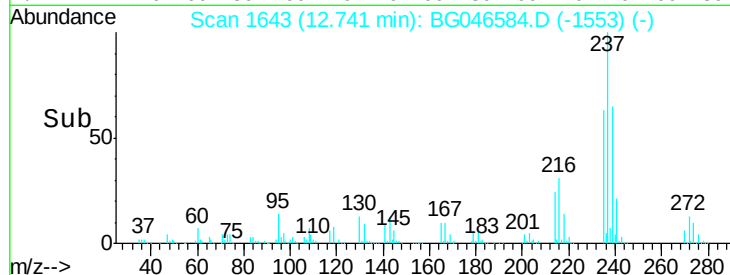
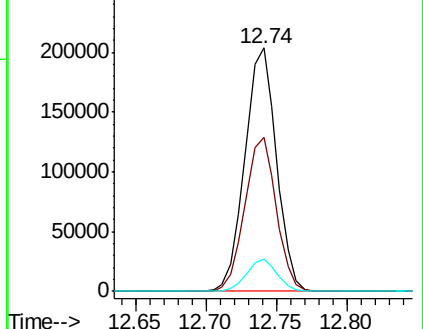
272 13.2 0.0 32.8



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: 95.367 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

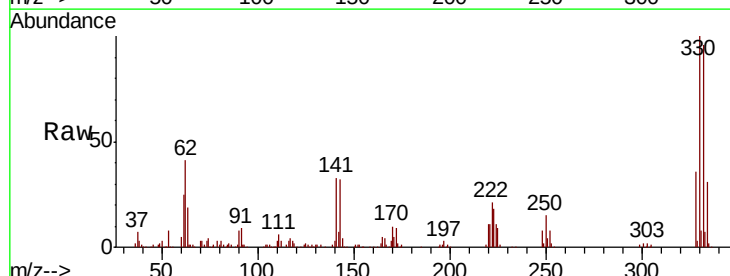
Tgt Ion:330 Resp: 265002

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

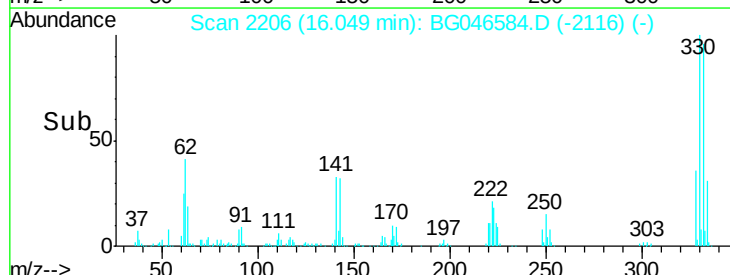
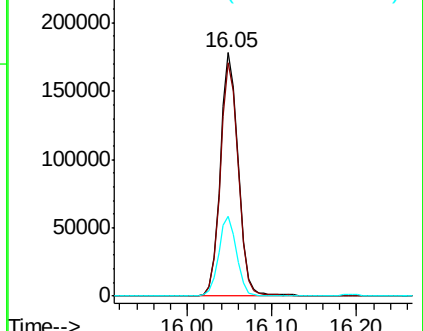
141 32.7 26.1 39.1

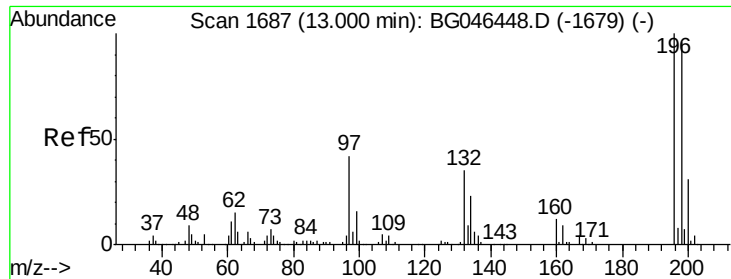


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

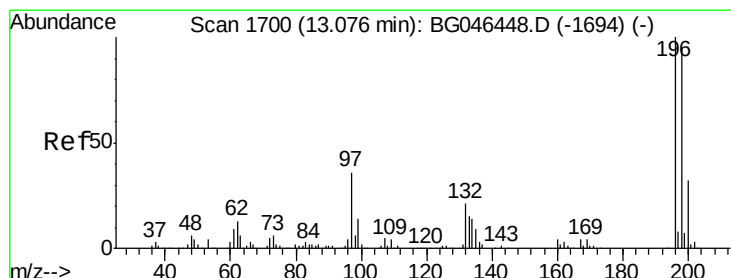
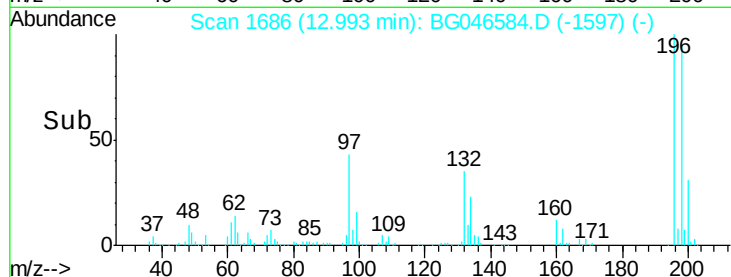
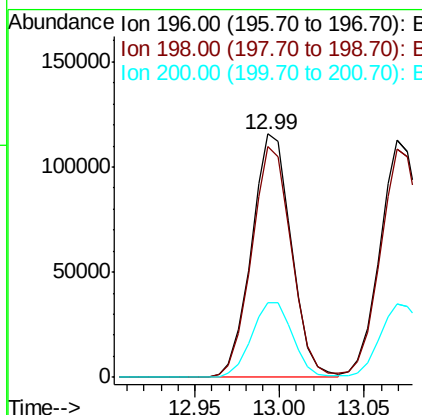
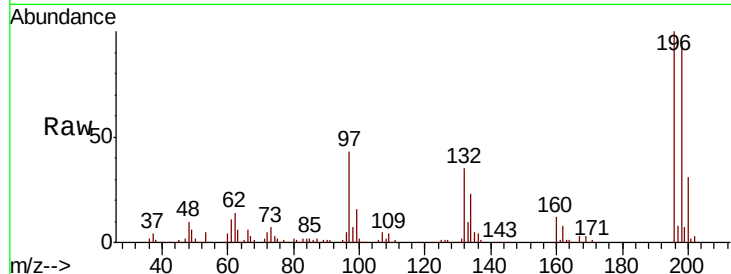




#43
 2,4,6-Trichlorophenol
 Concen: 41.521 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

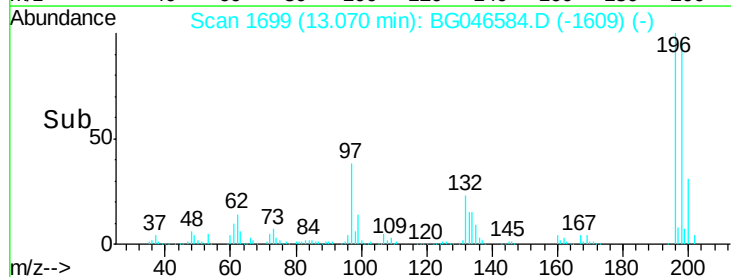
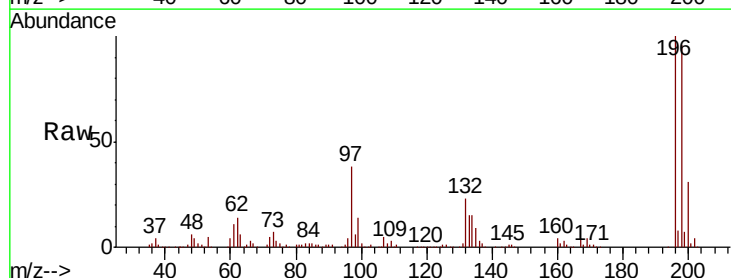
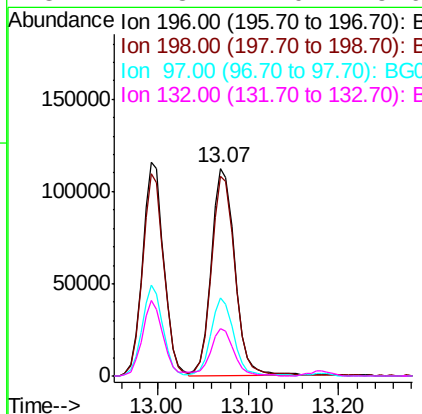
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

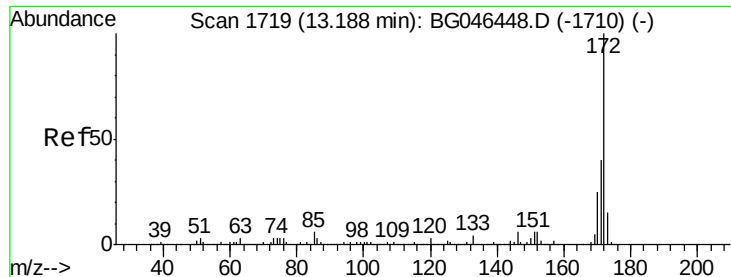
Tot Ion	196	Resp	189498
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.0	115.6
200	30.9	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.274 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion	196	Resp	202706
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.6	113.4
97	37.5	28.6	43.0
132	22.8	17.0	25.6

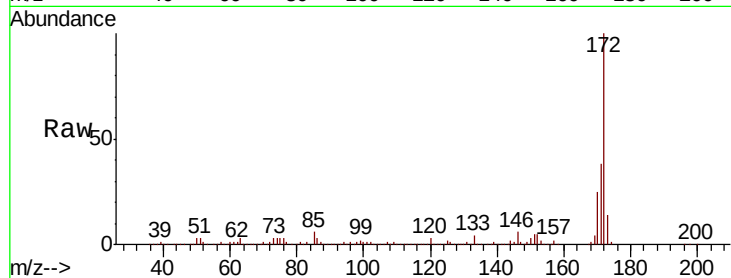




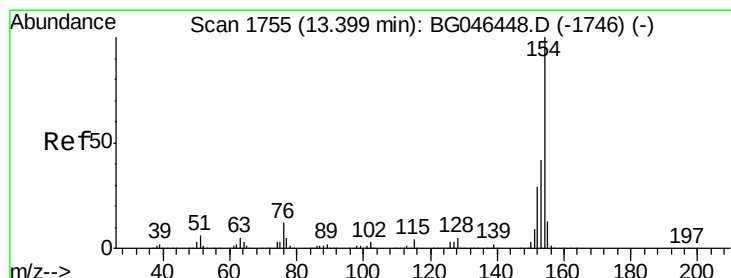
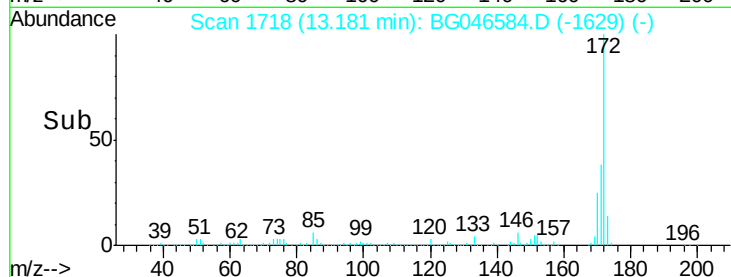
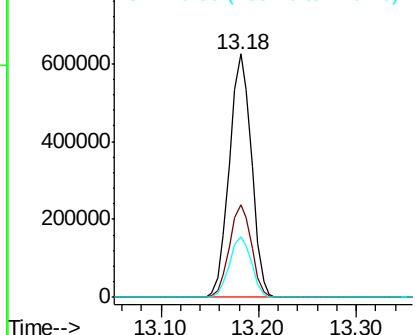
#45
2-Fluorobiphenyl
Concen: 73.018 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.8	20.3	30.5

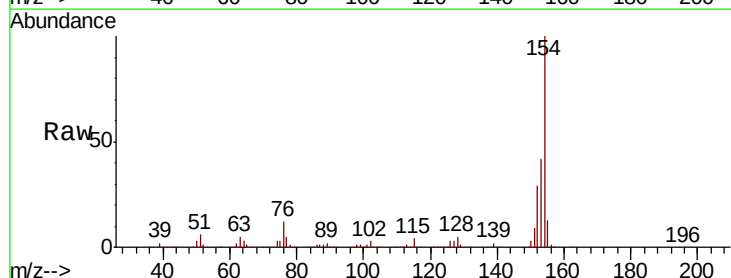


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

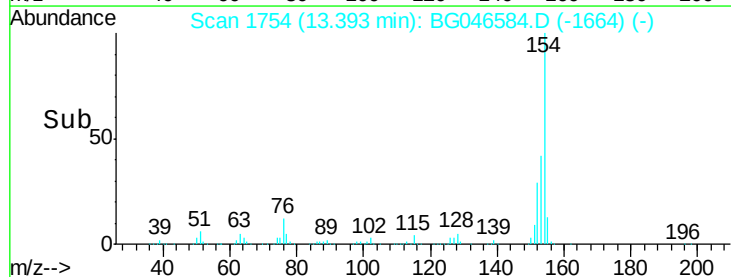
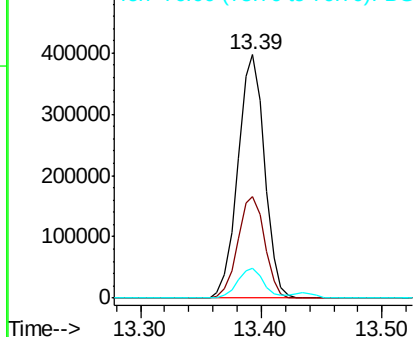


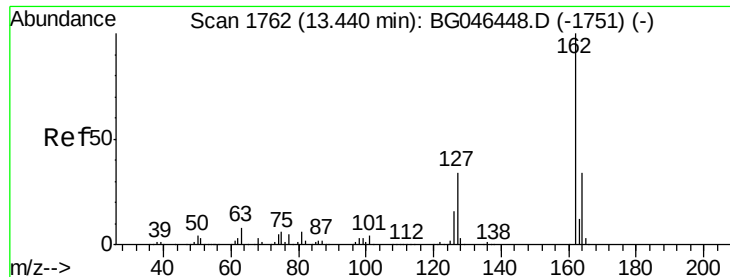
#46
1,1'-Biphenyl
Concen: 42.757 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.0	62.0
76	12.2	0.0	32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG0

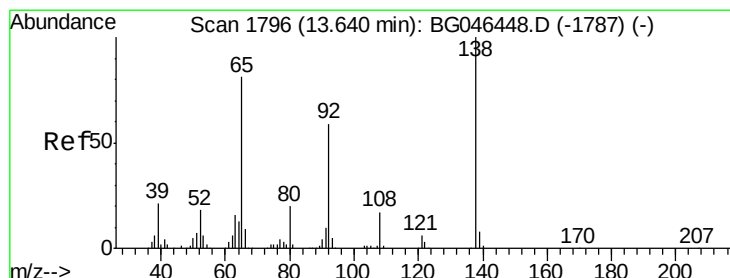
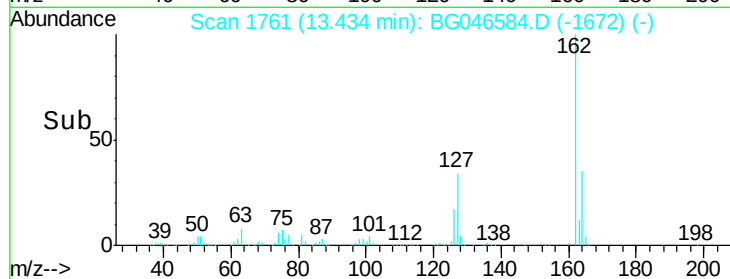
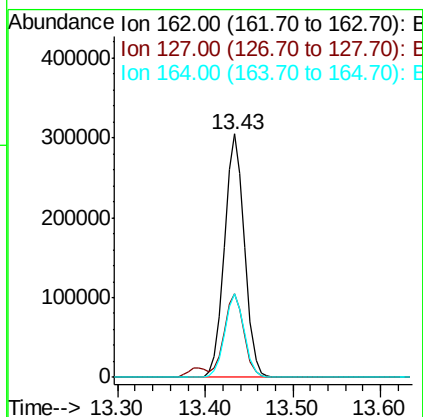
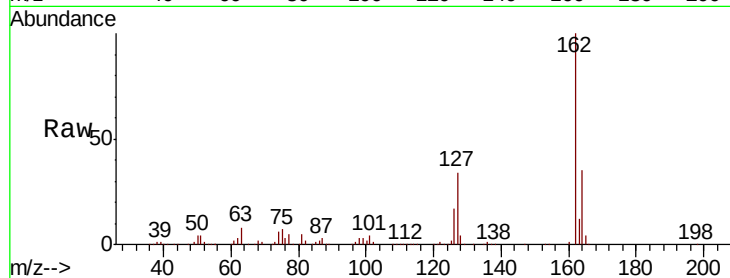




#47
 2-Chloronaphthalene
 Concen: 39.635 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

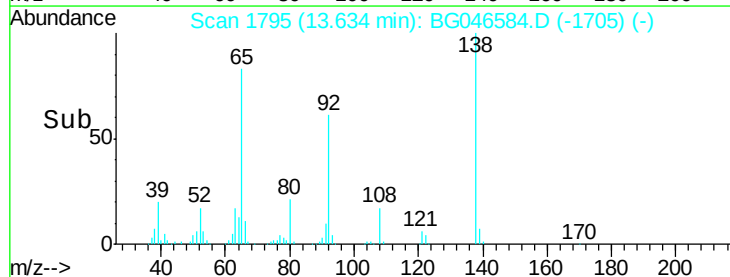
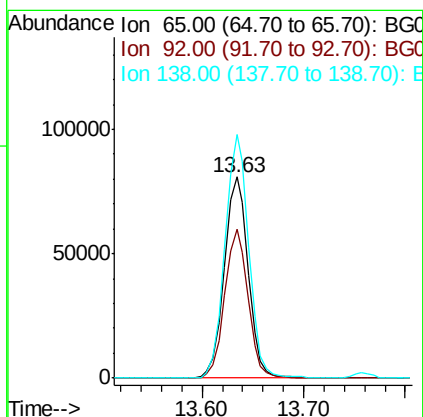
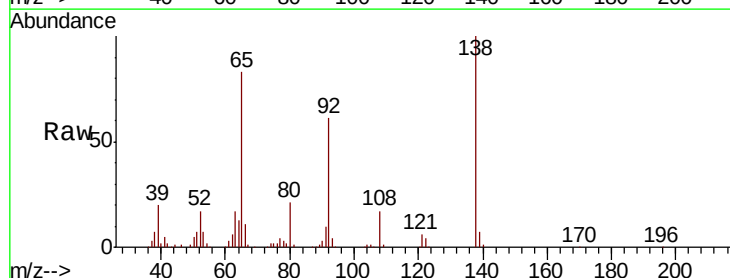
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

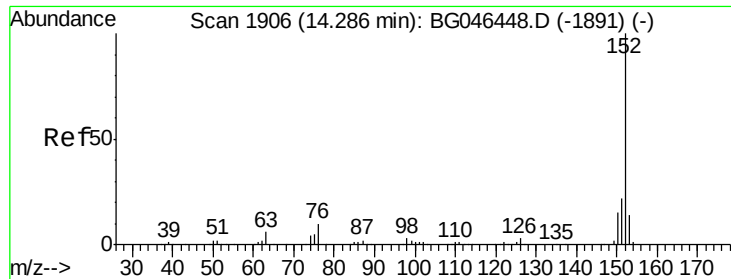
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.6	41.4
164	34.5	27.3	40.9



#48
 2-Nitroaniline
 Concen: 39.388 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	58.5	87.7
138	121.0	98.4	147.6





#49

Acenaphthylene

Concen: 41.191 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

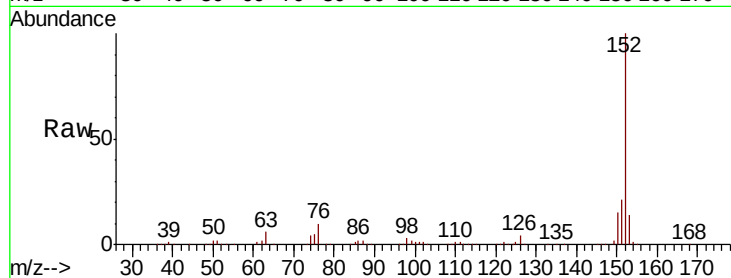
Tot Ion:152 Resp: 755914

Ion Ratio Lower Upper

152 100

151 21.3 17.7 26.5

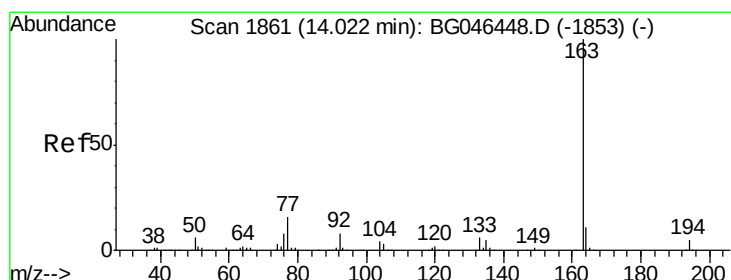
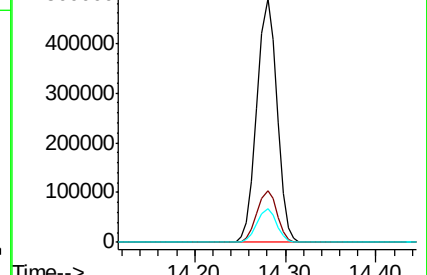
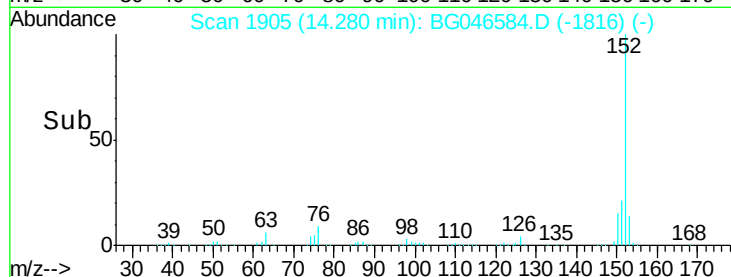
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.387 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

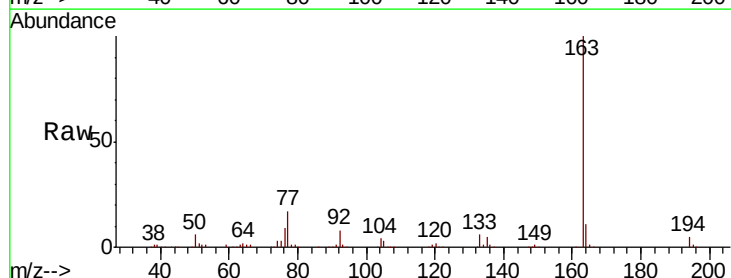
Tgt Ion:163 Resp: 624932

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

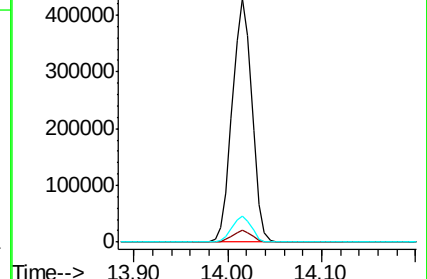
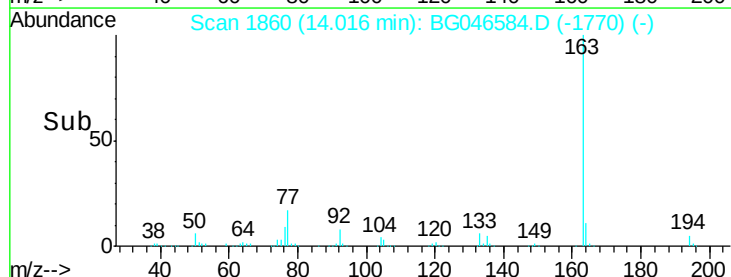
164 10.9 8.6 12.8

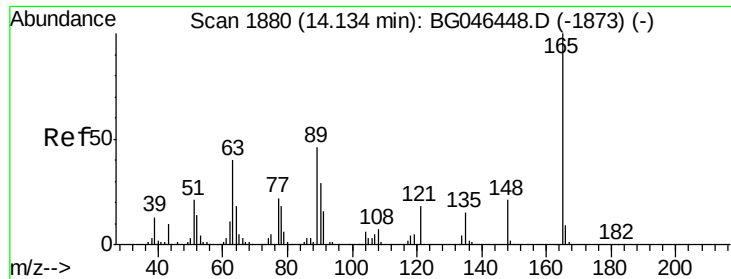


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

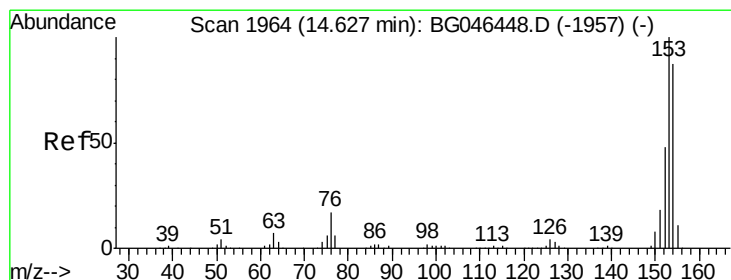
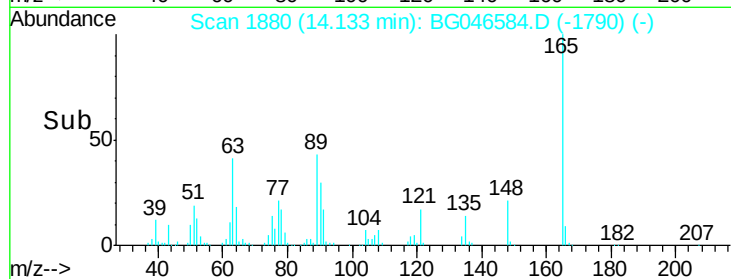
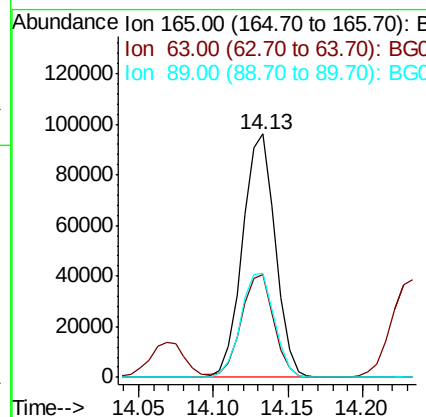
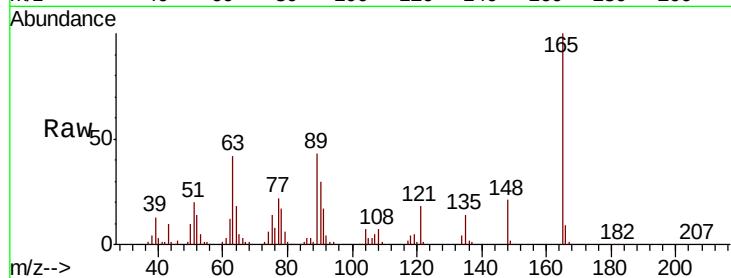




#51
 2,6-Dinitrotoluene
 Concen: 41.638 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

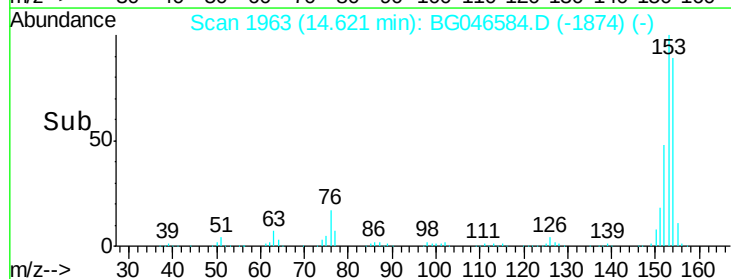
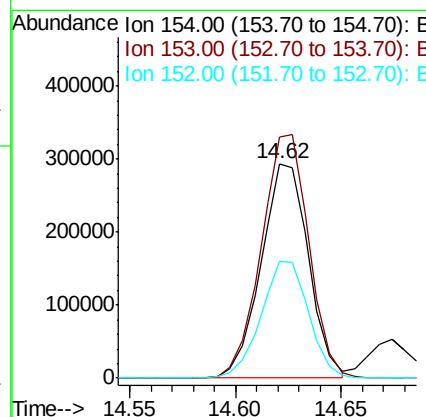
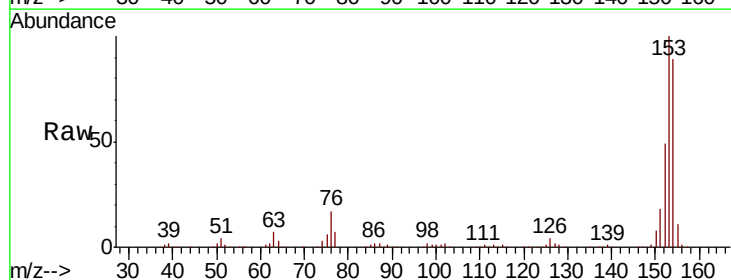
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

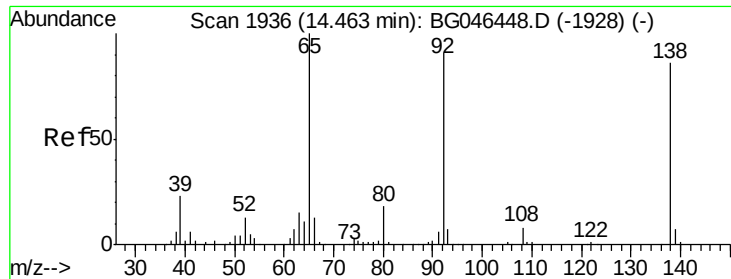
Tot Ion:165 Resp: 145628
 Ion Ratio Lower Upper
 165 100
 63 42.0 34.2 51.4
 89 42.9 37.0 55.4



#52
 Acenaphthene
 Concen: 40.241 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion:154 Resp: 457630
 Ion Ratio Lower Upper
 154 100
 153 112.6 91.9 137.9
 152 54.7 43.8 65.6





#53

3-Nitroaniline

Concen: 30.163 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

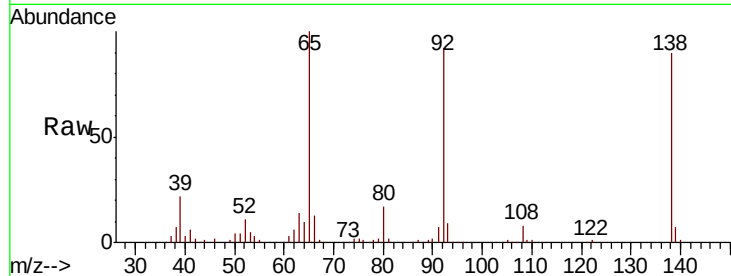
Tot Ion:138 Resp: 114272

Ion Ratio Lower Upper

138 100

108 8.8 7.0 10.6

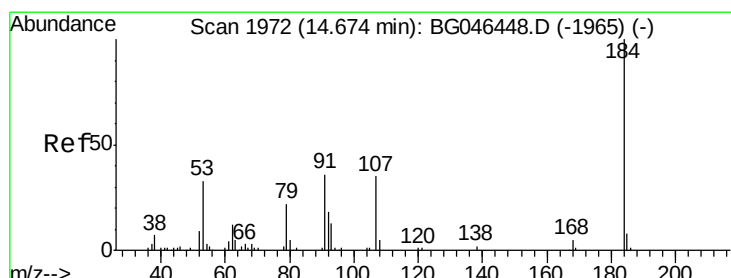
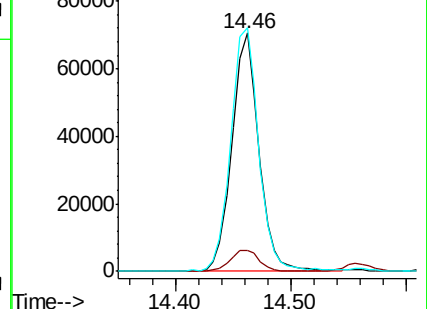
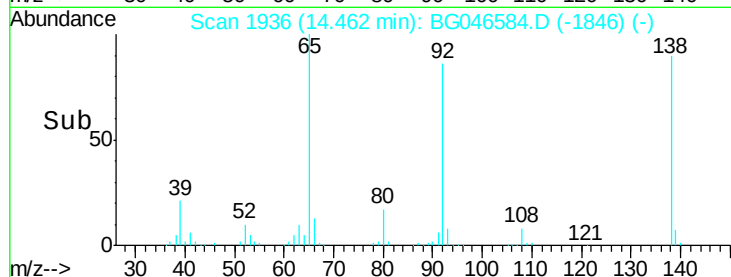
92 102.2 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.306 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

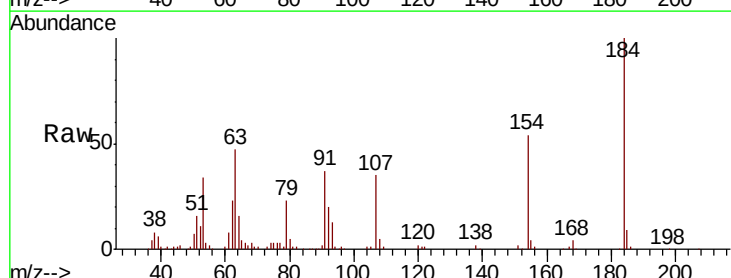
Tgt Ion:184 Resp: 159864

Ion Ratio Lower Upper

184 100

63 46.5 35.6 53.4

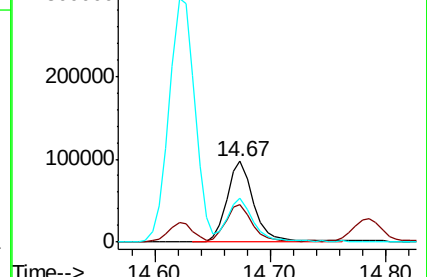
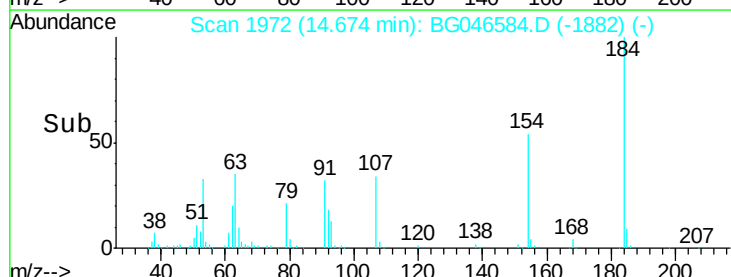
154 53.8 44.3 66.5

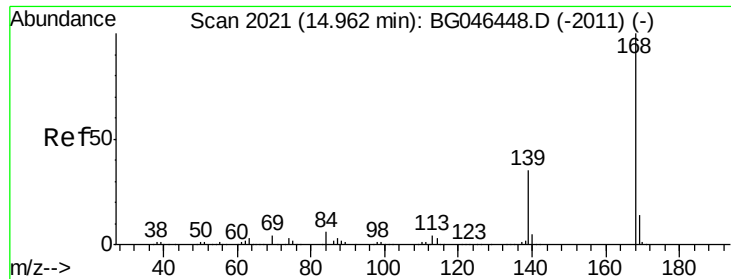


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

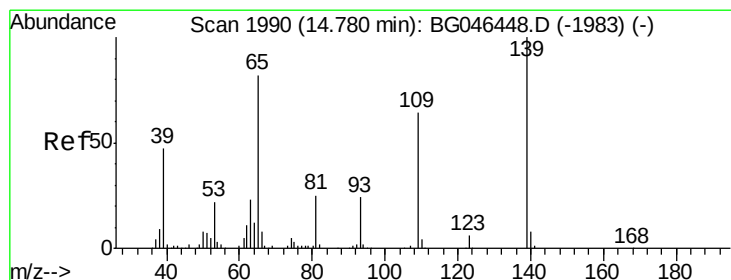
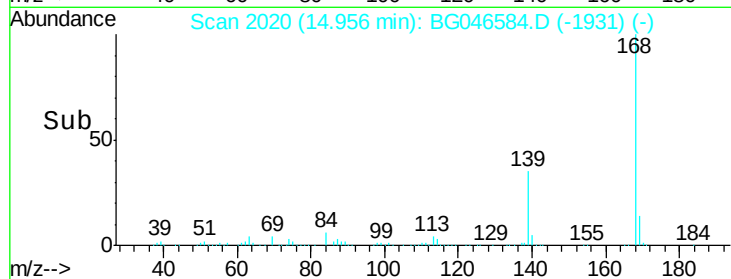
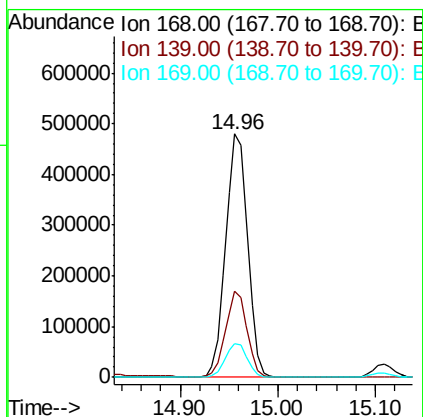
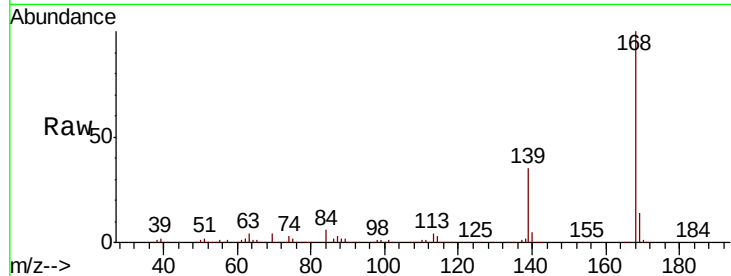




#55
Dibenzofuran
Concen: 41.000 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

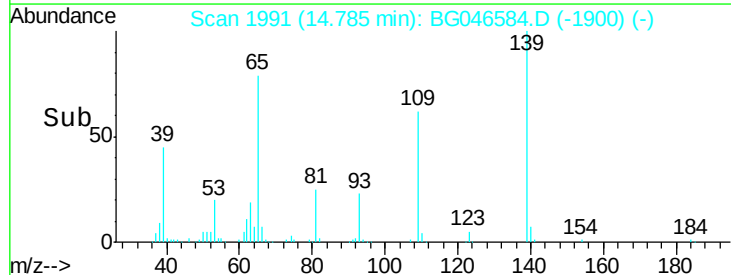
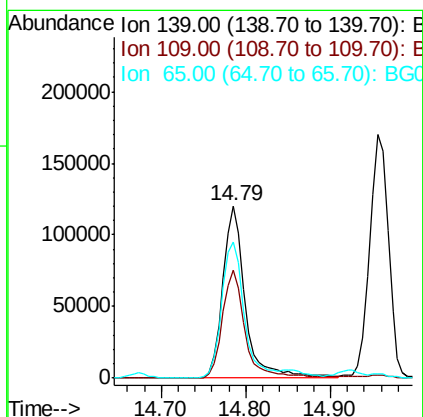
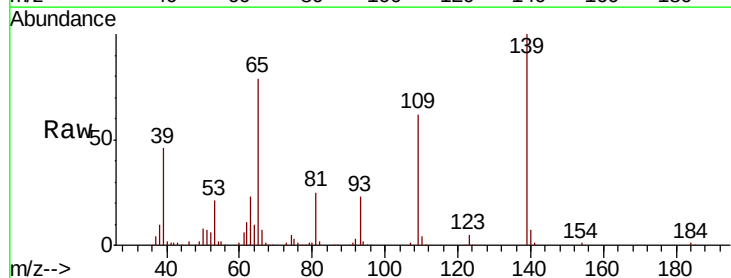
Instrument :
BNA_G
ClientSampleId :
PB131517BS

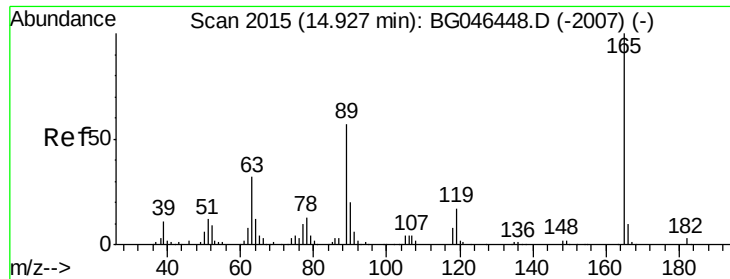
Tot Ion:168 Resp: 748265
Ion Ratio Lower Upper
168 100
139 35.4 28.1 42.1
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 79.762 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:139 Resp: 222392
Ion Ratio Lower Upper
139 100
109 62.2 44.3 84.3
65 79.1 61.5 101.5

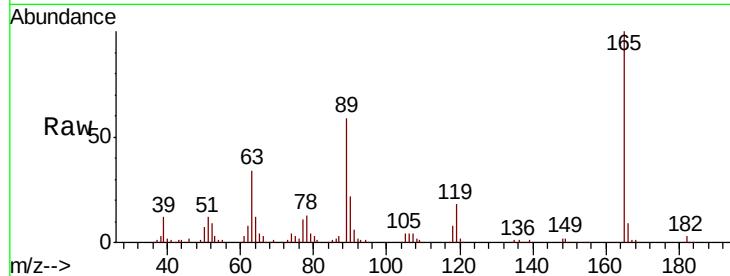




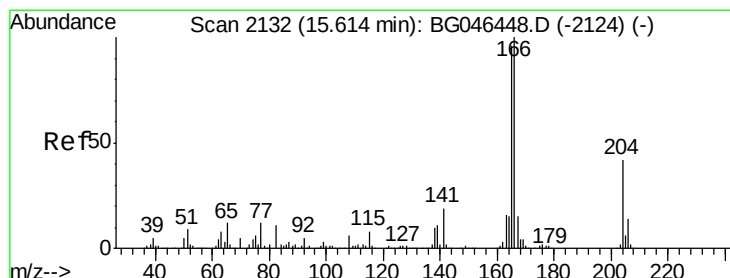
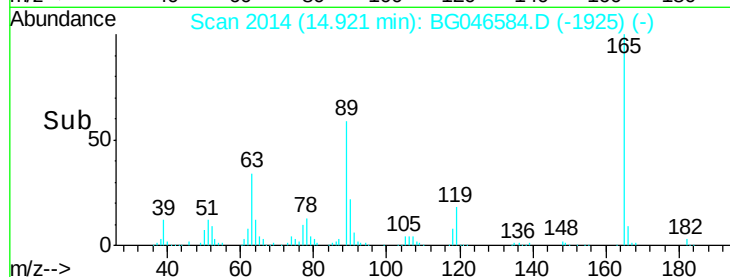
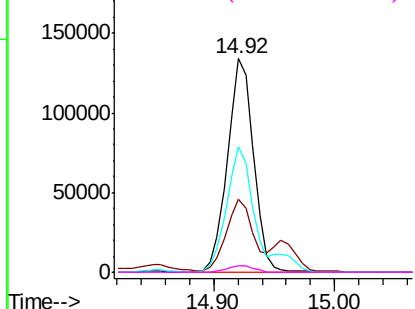
#57
2,4-Dinitrotoluene
Concen: 40.429 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion:165	Resp:	201624
Ion	Ratio	Lower Upper
165	100	
63	34.1	25.4 38.0
89	59.0	45.9 68.9
182	3.0	2.3 3.5

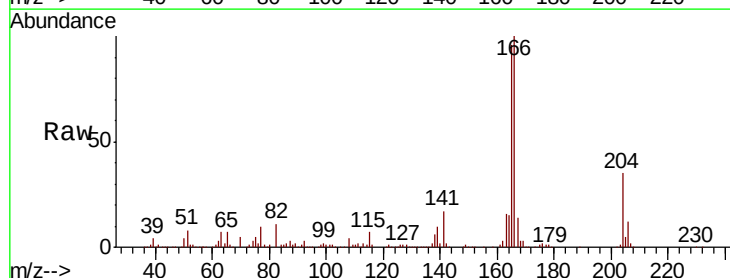


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

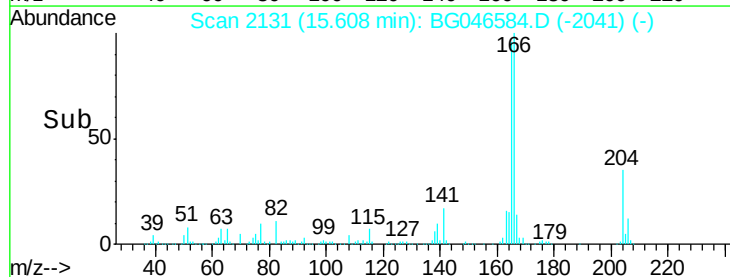
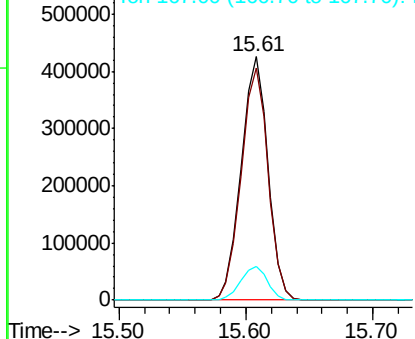


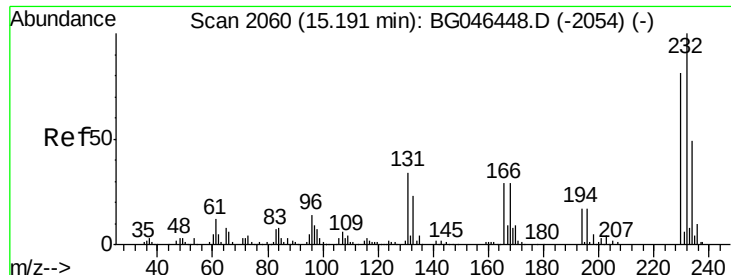
#58
Fluorene
Concen: 40.551 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:166	Resp:	621139
Ion	Ratio	Lower Upper
166	100	
165	95.6	77.0 115.4
167	14.1	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: 41.313 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

Tot Ion:232 Resp: 192368

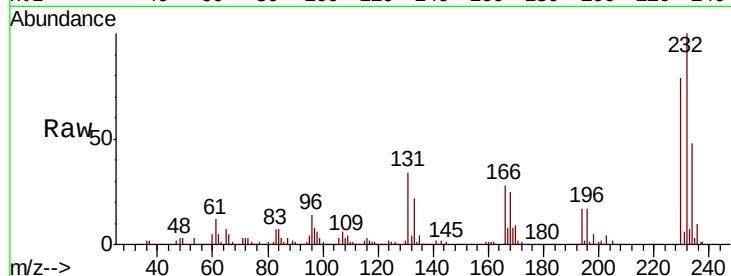
Ion Ratio Lower Upper

232 100

131 34.2 26.8 40.2

130 2.0 1.4 2.2

166 27.4 22.8 34.2

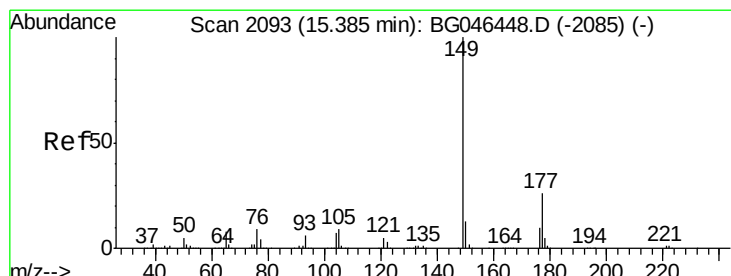
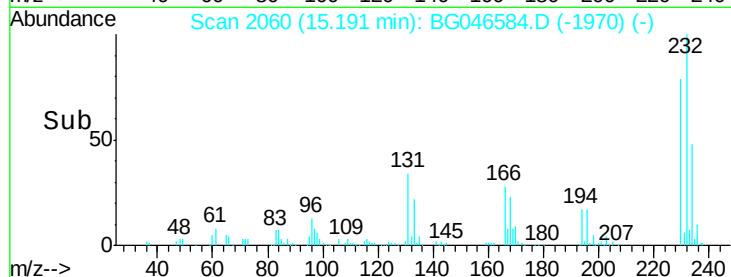
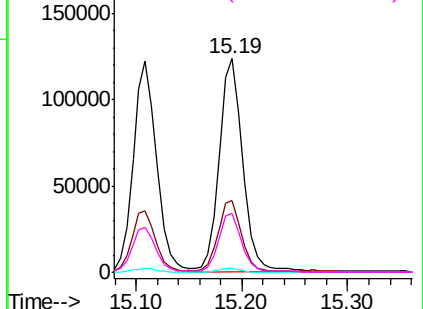


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.031 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

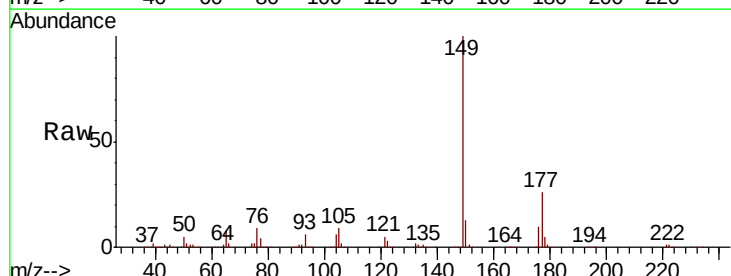
Tgt Ion:149 Resp: 619274

Ion Ratio Lower Upper

149 100

177 26.2 20.6 30.8

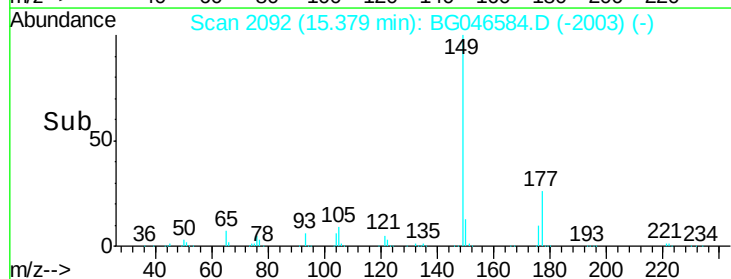
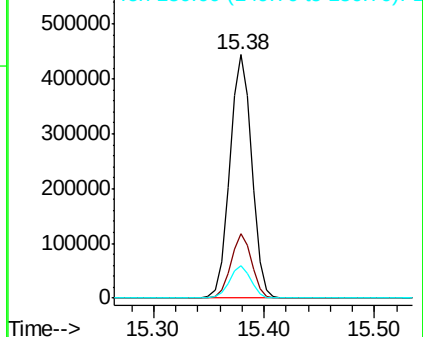
150 13.3 10.3 15.5

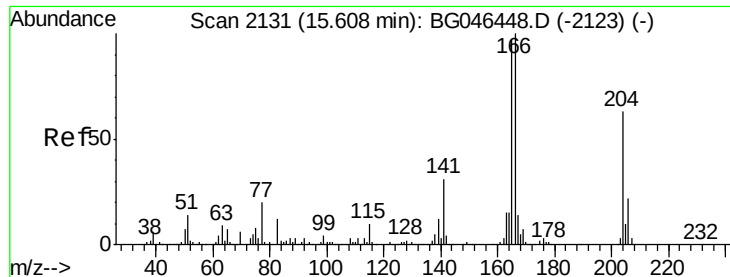


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

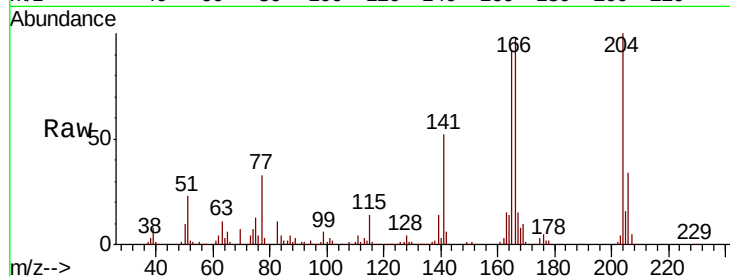




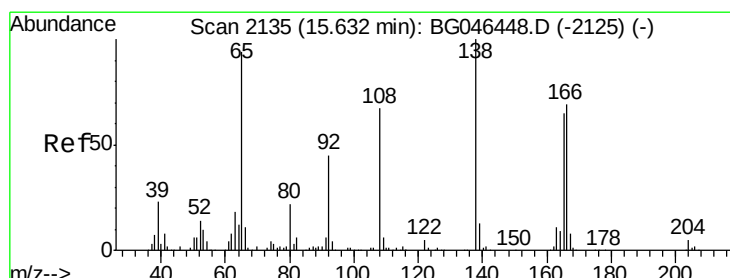
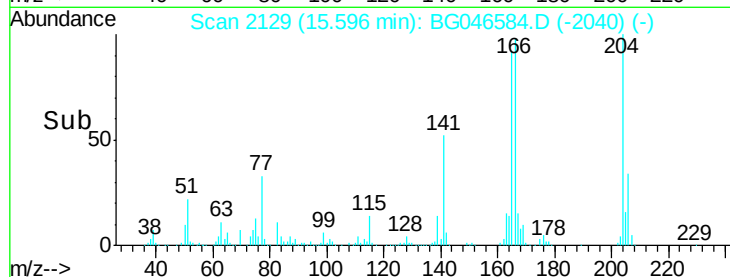
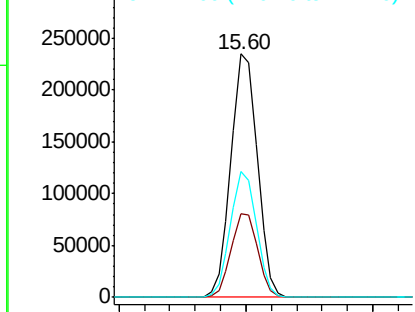
#61
 4-Chlorophenyl-phenylether
 Concen: 40.101 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

Tot Ion:204 Resp: 338295
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.7 41.5
 141 51.7 38.7 58.1

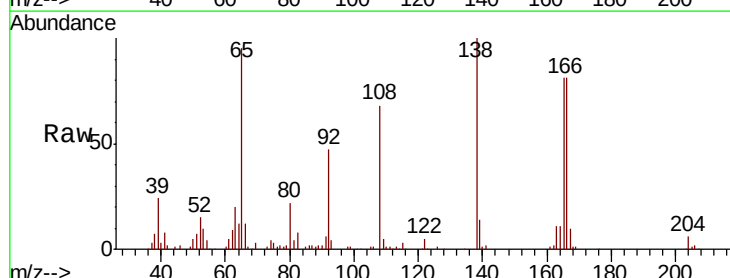


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

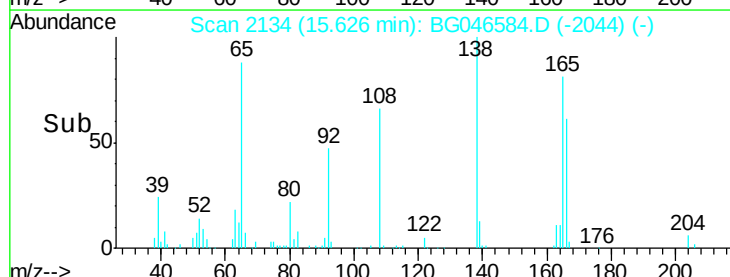
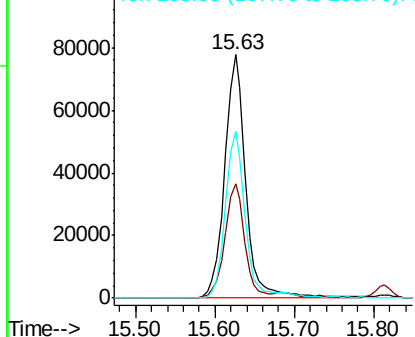


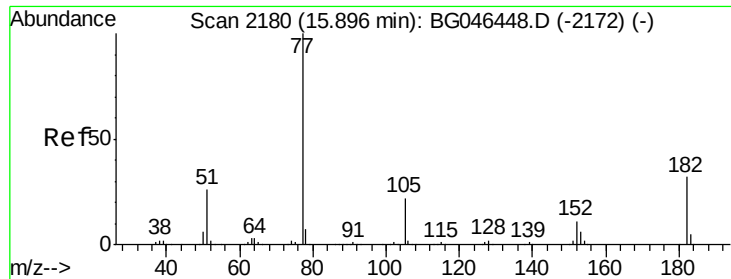
#62
 4-Nitroaniline
 Concen: 35.672 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion:138 Resp: 142598
 Ion Ratio Lower Upper
 138 100
 92 47.1 25.3 65.3
 108 68.4 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

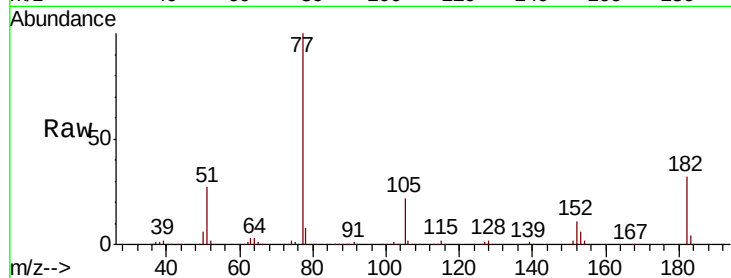




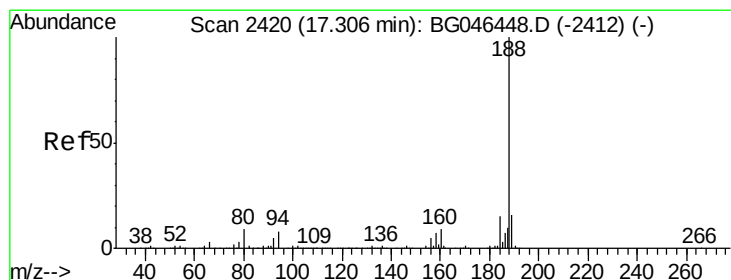
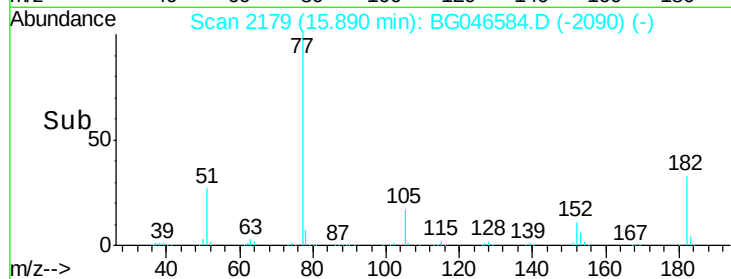
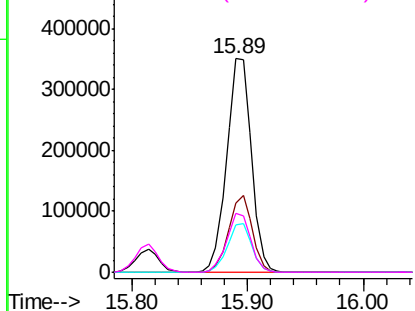
#63
Azobenzene
Concen: 41.134 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion:	77	Resp:	517619
Ion	Ratio	Lower	Upper
77	100		
182	32.4	12.3	52.3
105	22.0	2.3	42.3
51	27.4	6.5	46.5

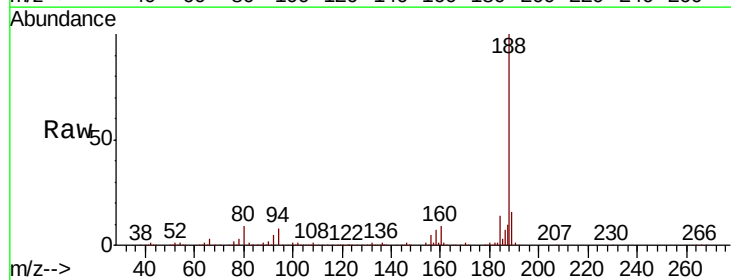


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

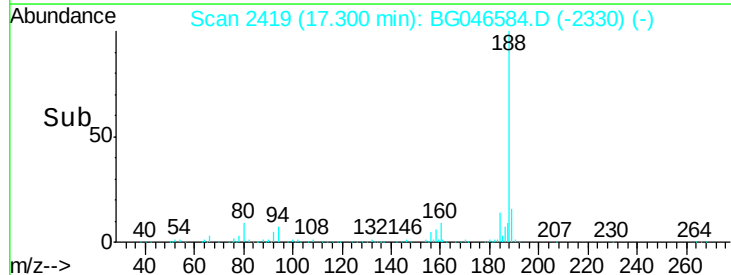
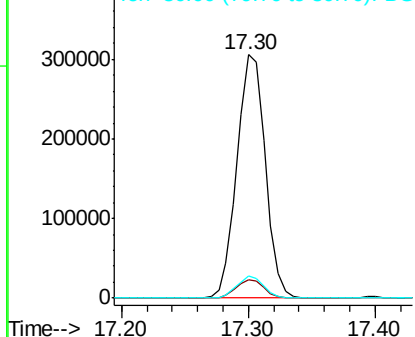


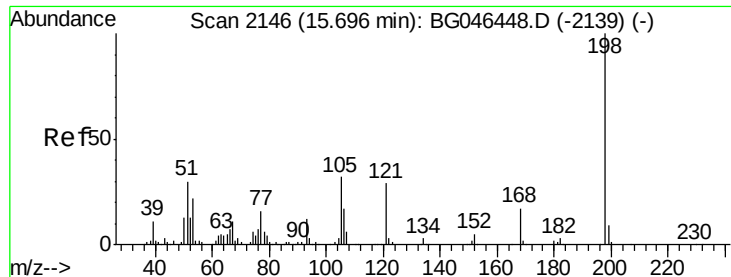
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:	188	Resp:	474239
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.9	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: 46.457 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

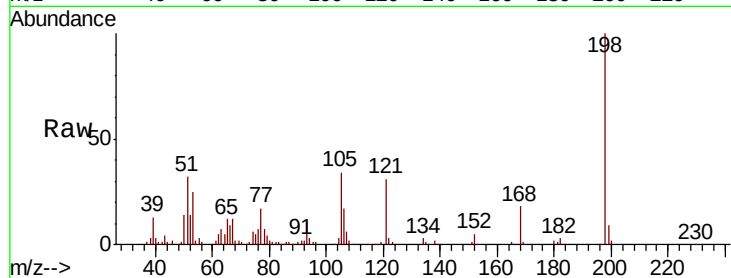
Tot Ion:198 Resp: 124700

Ion	Ratio	Lower	Upper
198	100		
51	32.0	10.4	50.4
105	34.1	12.4	52.4

198 100

51 32.0 10.4 50.4

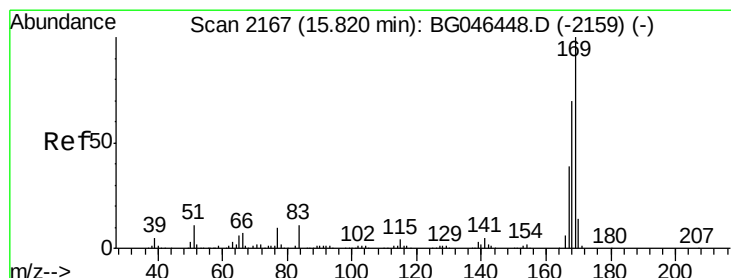
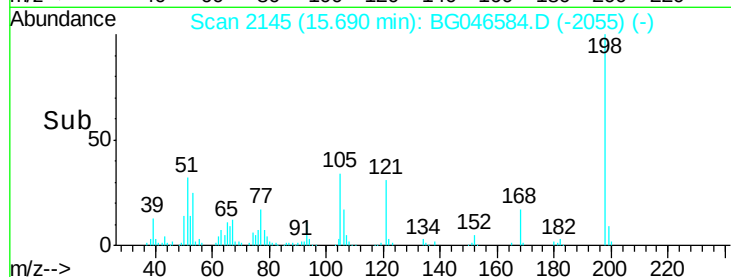
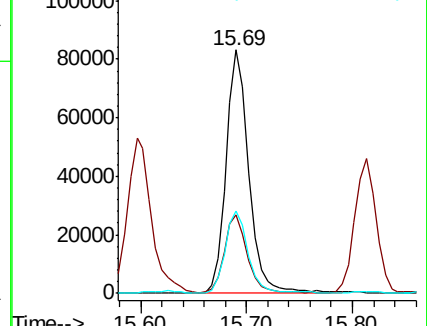
105 34.1 12.4 52.4



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: 43.874 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

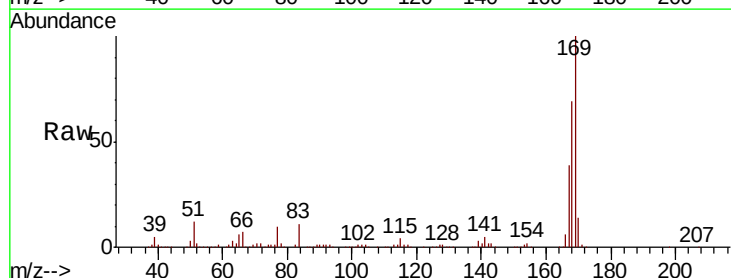
Tgt Ion:169 Resp: 561318

Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	38.9	31.0	46.6

169 100

168 69.2 55.8 83.8

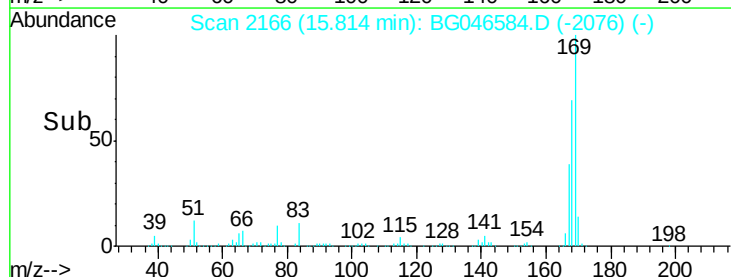
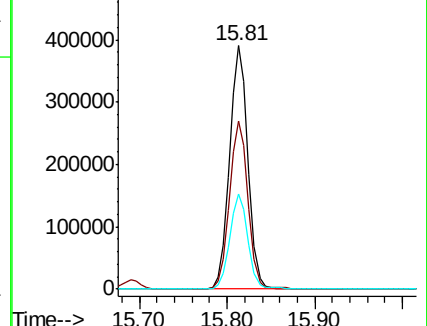
167 38.9 31.0 46.6

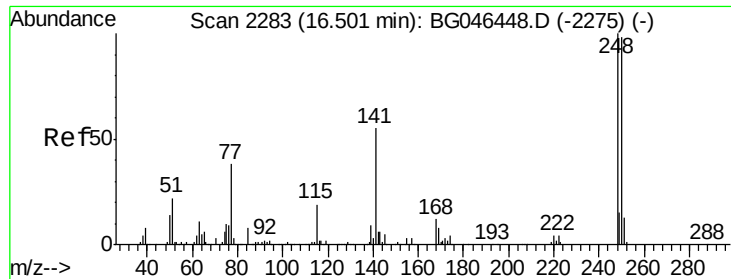


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

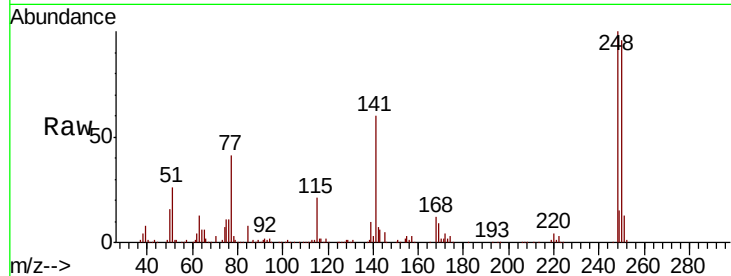




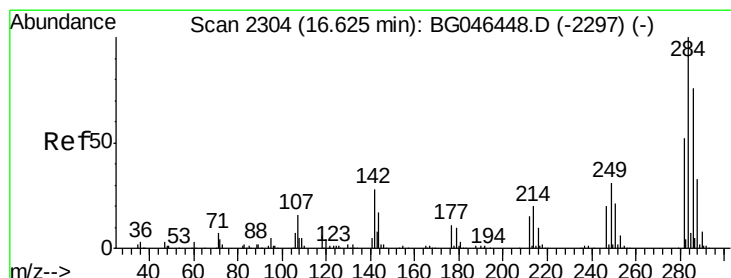
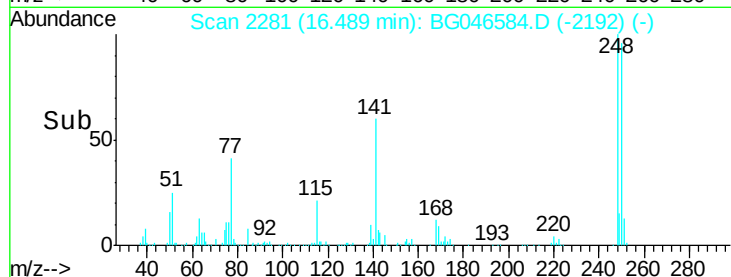
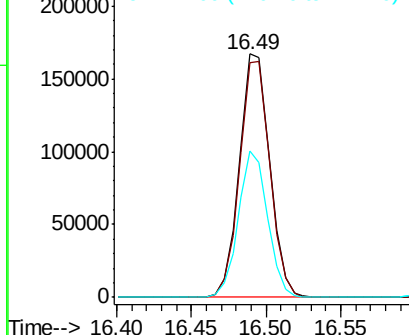
#67
4-Bromophenyl-phenylether
Concen: 42.483 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	60.2	43.9	65.9

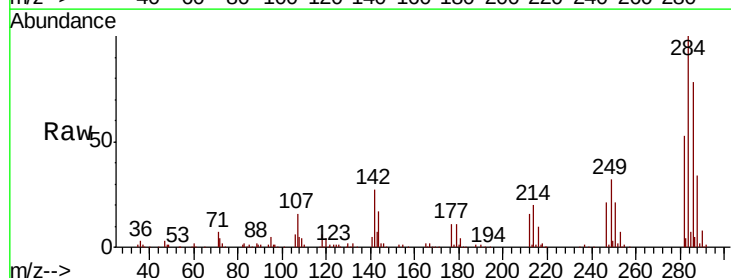


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

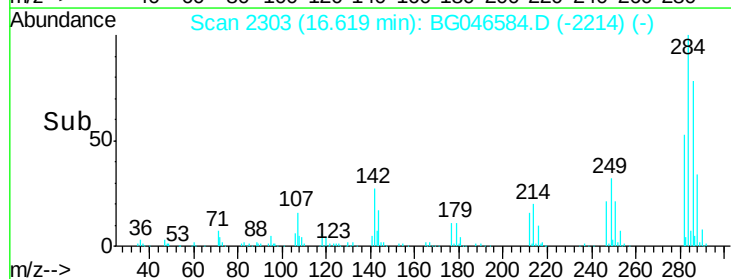
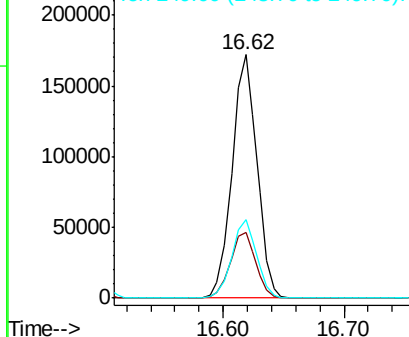


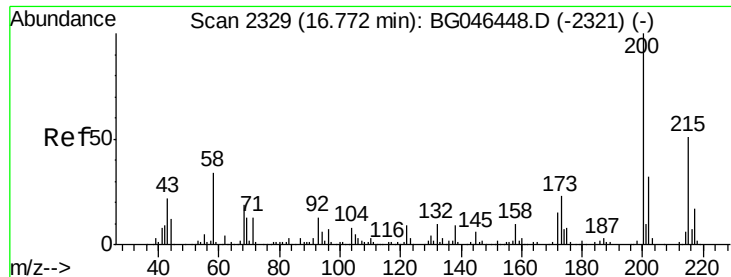
#68
Hexachlorobenzene
Concen: 40.277 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	22.3	33.5
249	32.2	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: 32.854 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

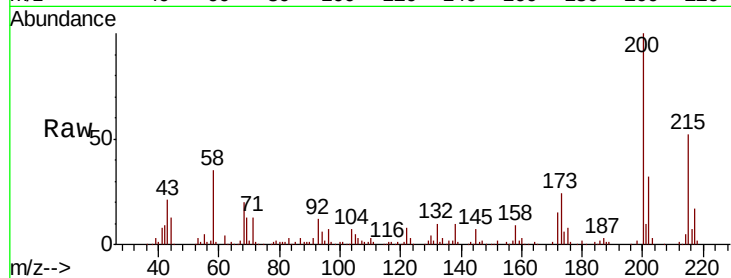
Tot Ion:200 Resp: 171474

Ion Ratio Lower Upper

200 100

173 24.4 3.3 43.3

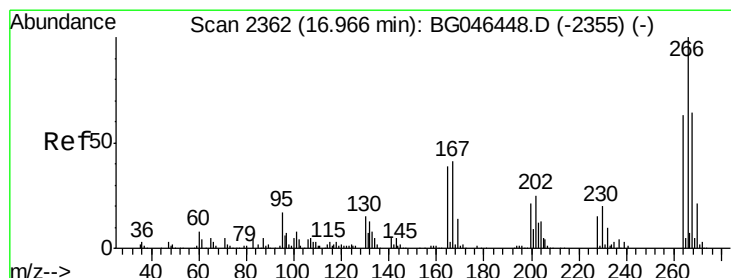
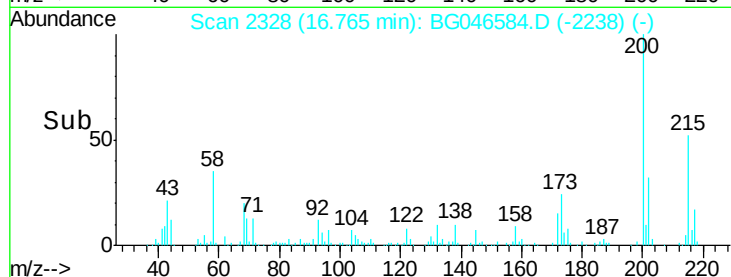
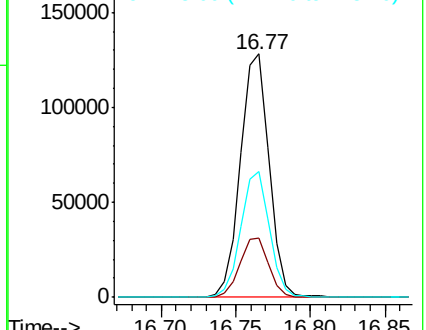
215 51.6 30.9 70.9



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: 82.315 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

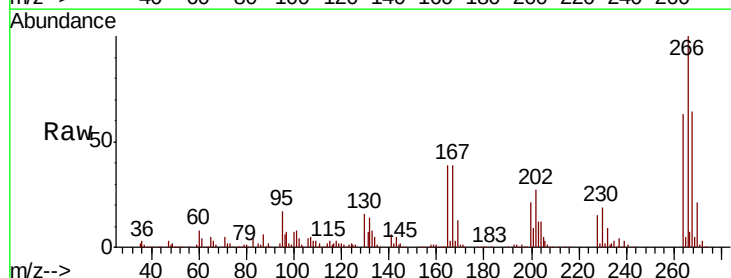
Tgt Ion:266 Resp: 263532

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

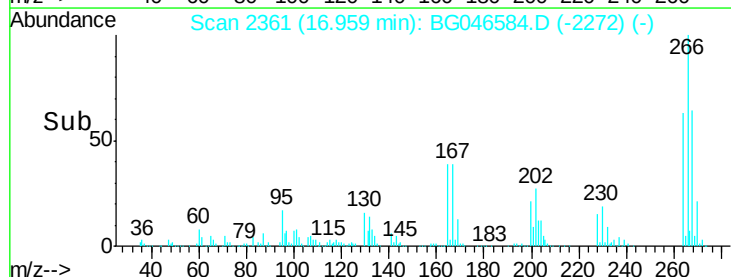
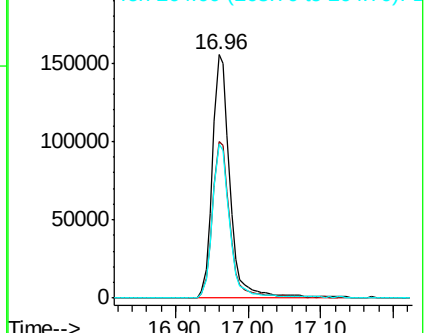
264 63.3 50.2 75.2

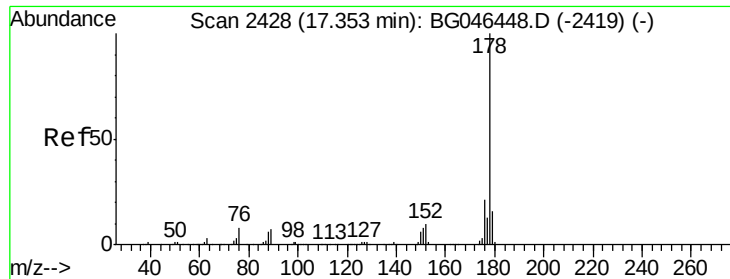


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

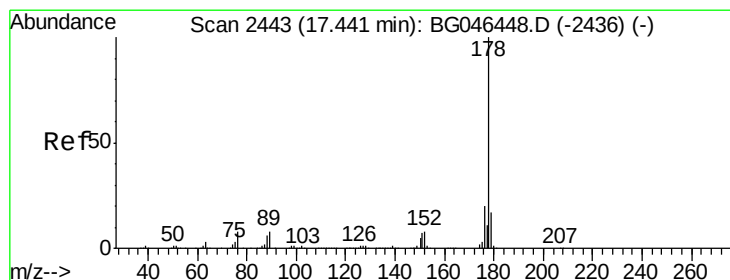
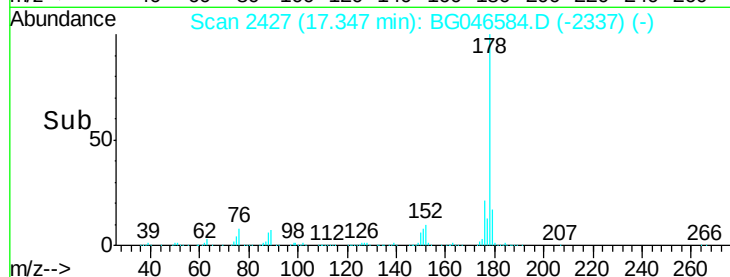
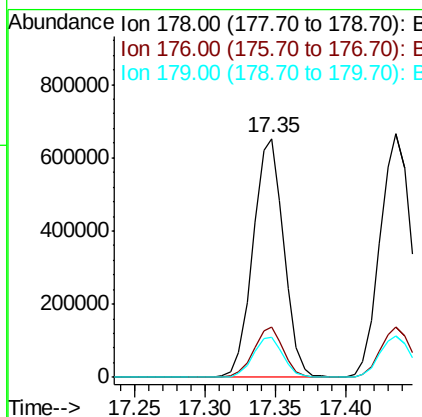
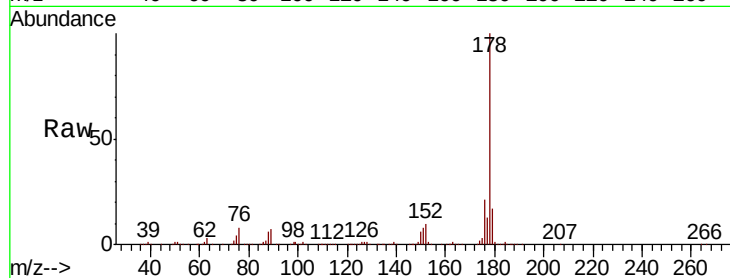




#71
Phenanthrene
Concen: 41.461 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

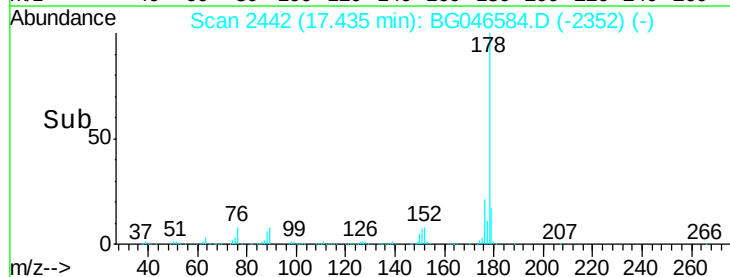
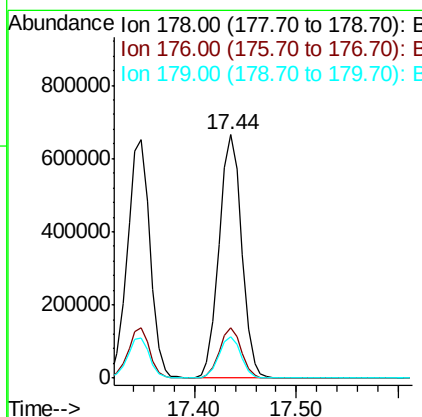
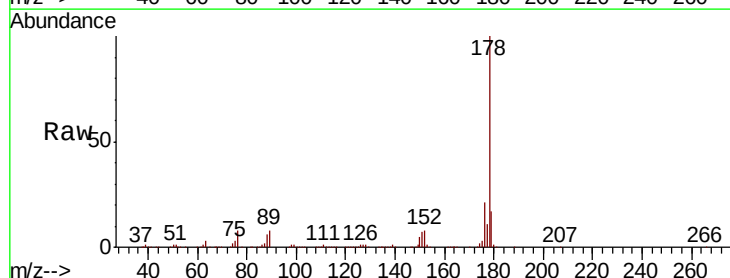
Instrument :
BNA_G
ClientSampleId :
PB131517BS

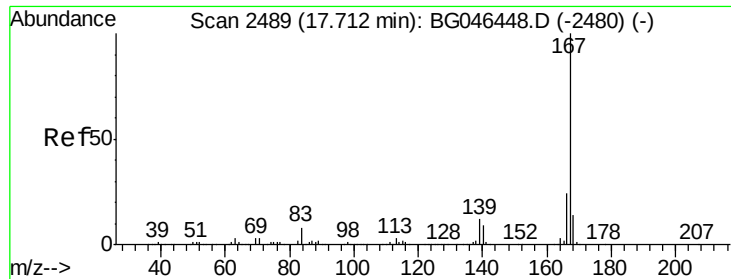
Tot Ion:178 Resp: 996639
Ion Ratio Lower Upper
178 100
176 21.1 16.8 25.2
179 16.7 13.2 19.8



#72
Anthracene
Concen: 43.343 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:178 Resp: 1027950
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.2 13.3 19.9

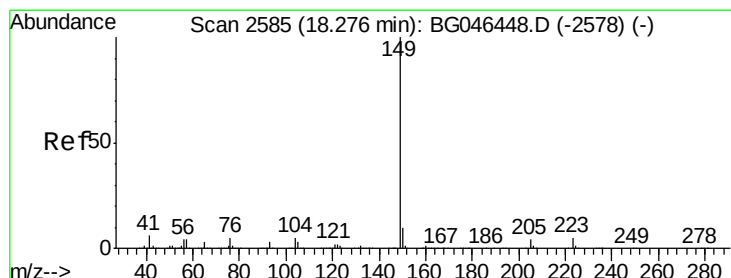
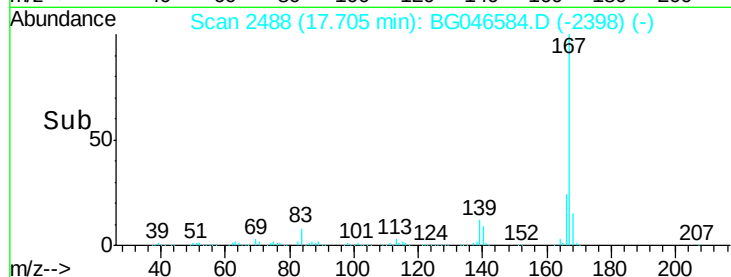
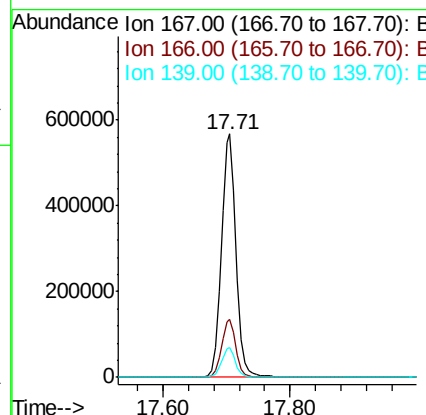
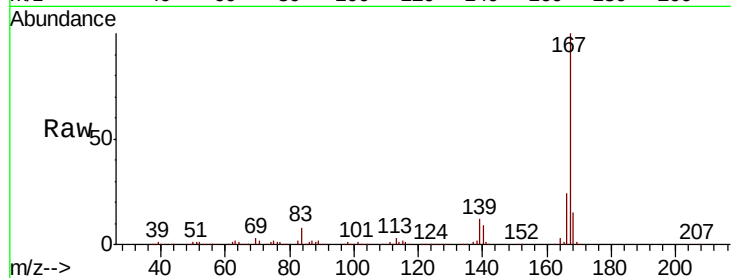




#73
 Carbazole
 Concen: 41.735 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

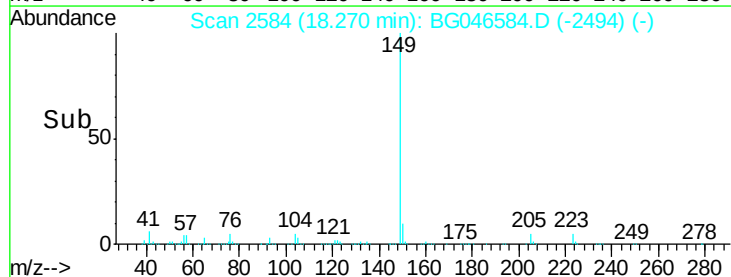
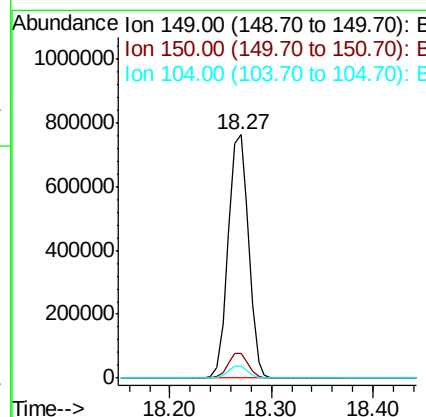
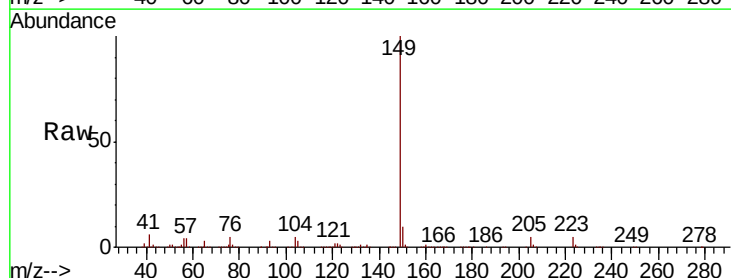
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

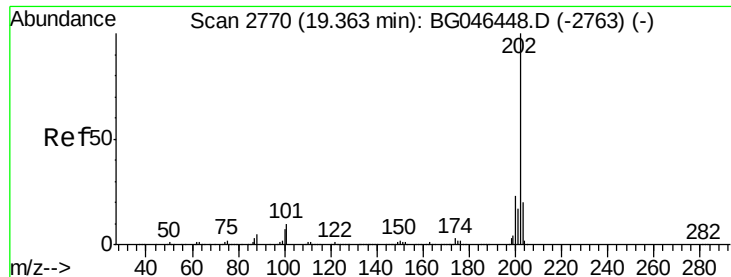
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.3	28.9
139	12.3	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 41.270 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.7	4.0	6.0





#75

Fluoranthene

Concen: 40.789 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

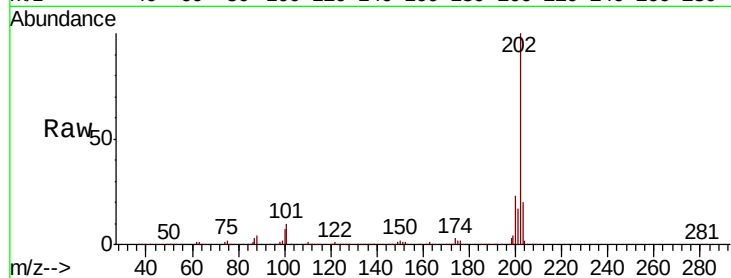
Tot Ion:202 Resp: 1261771

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

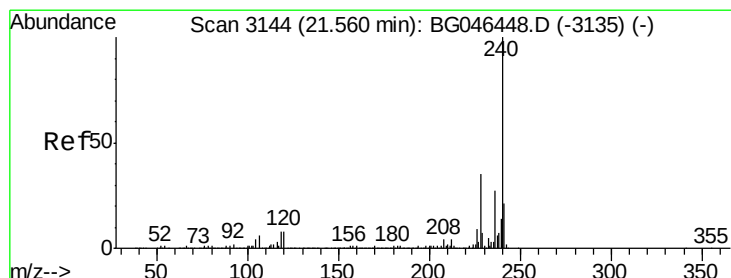
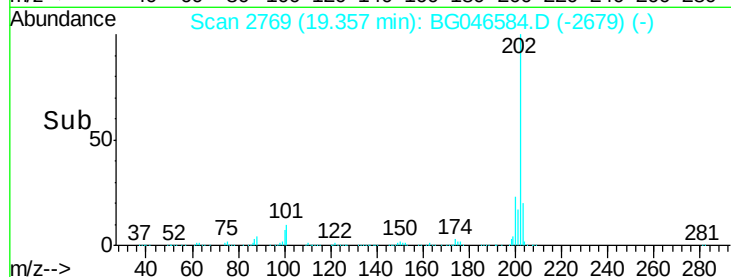
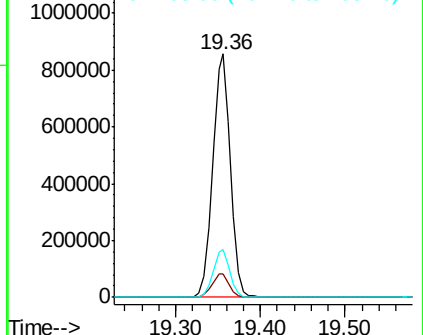
203 19.7 0.0 40.0



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. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

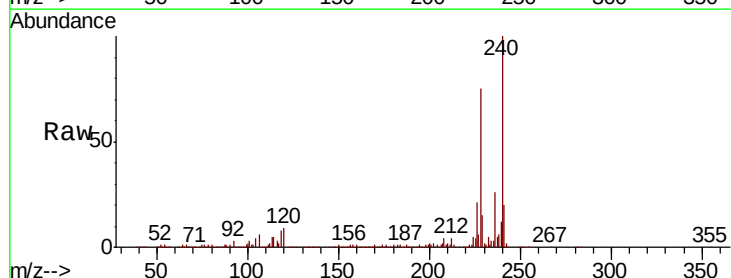
Tgt Ion:240 Resp: 467273

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

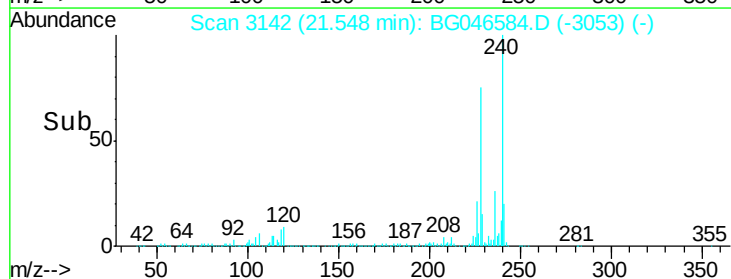
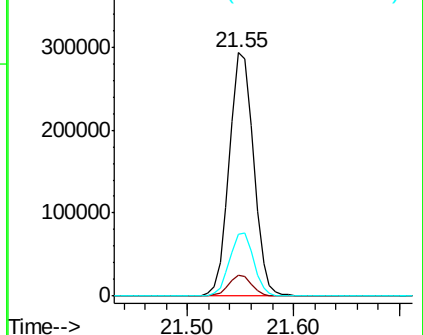
236 25.6 21.4 32.2

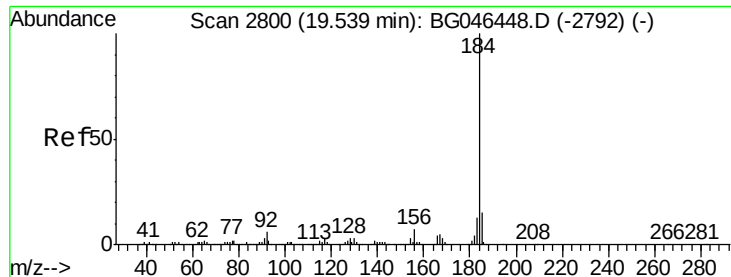


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.011 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

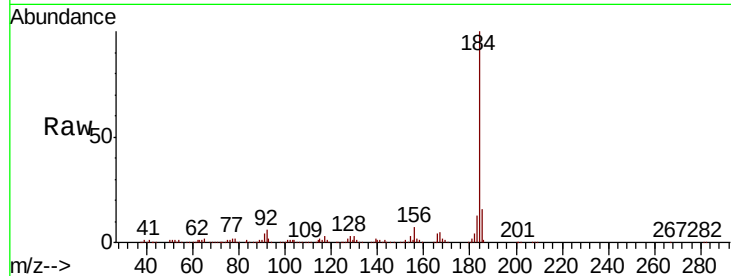
Tot Ion:184 Resp: 532158

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

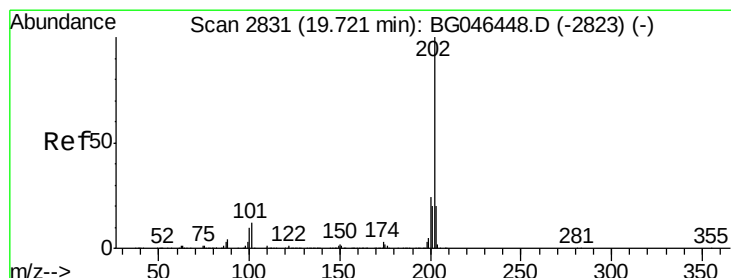
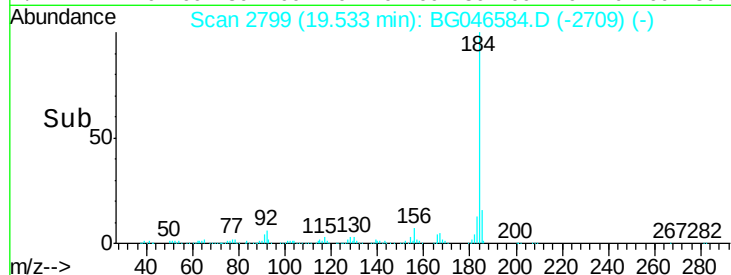
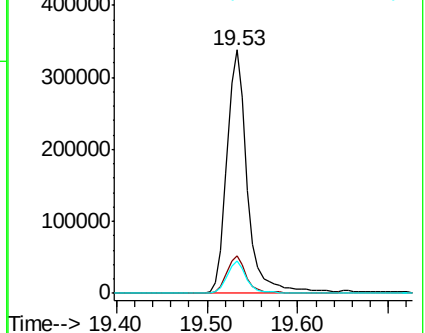
183 13.3 10.7 16.1



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: 41.978 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

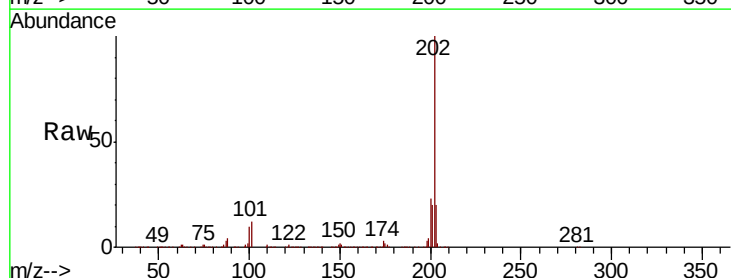
Tgt Ion:202 Resp: 1249081

Ion Ratio Lower Upper

202 100

200 23.5 18.9 28.3

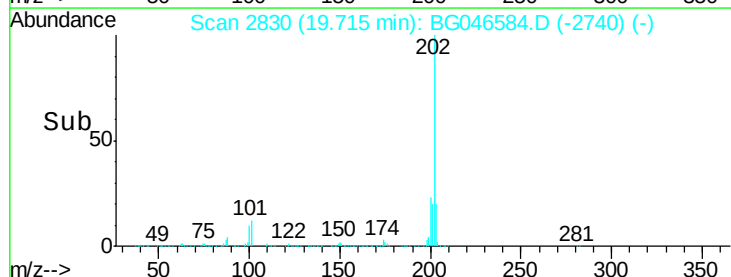
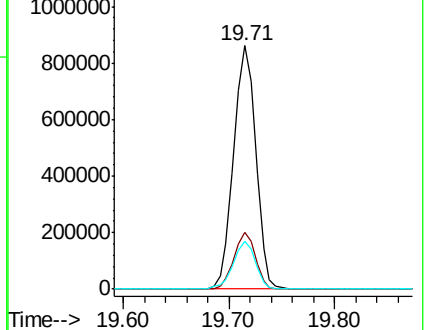
203 19.6 16.1 24.1

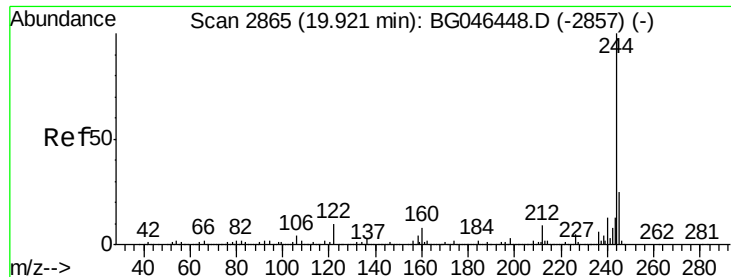


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.378 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

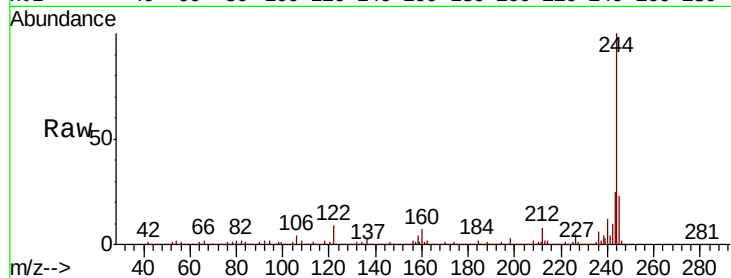
BNA_G

ClientSampled :

PB131517BS

Tot Ion:244 Resp: 1501334

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	9.5	8.2	12.4

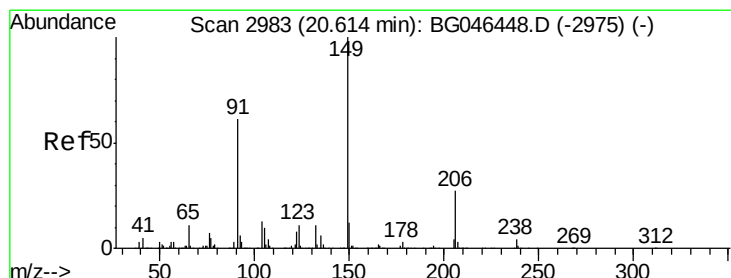
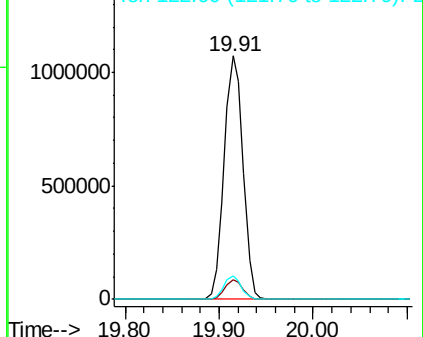
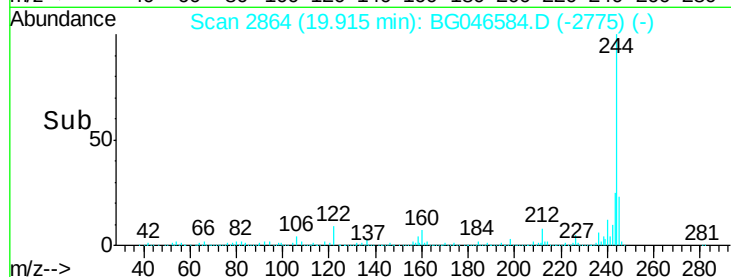


Abundance

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: 41.699 ng

RT: 20.60 min Scan# 2981

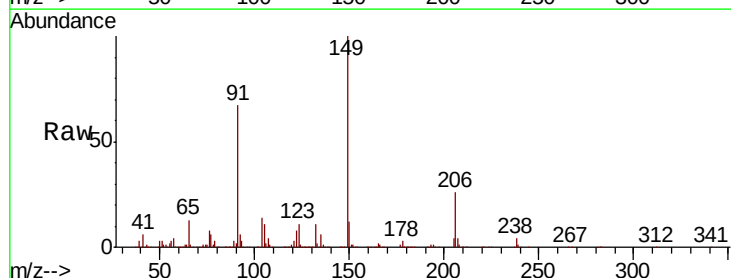
Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Tgt Ion:149 Resp: 483970

Ion	Ratio	Lower	Upper
149	100		
91	66.9	49.1	73.7
206	26.3	21.9	32.9

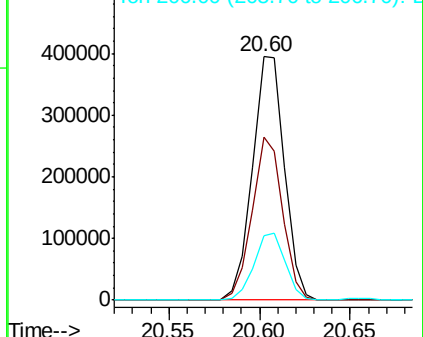
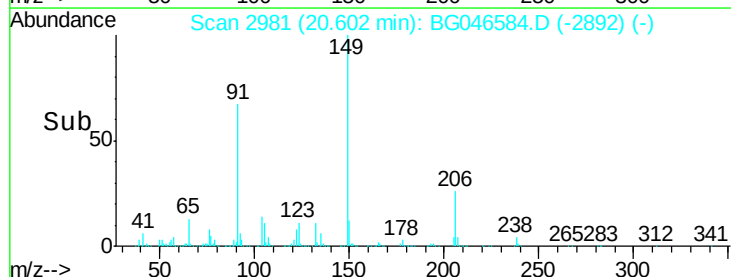


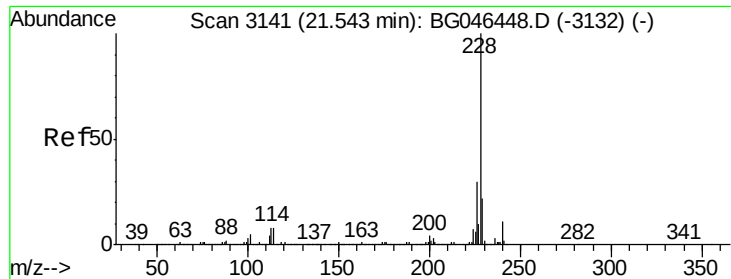
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.994 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

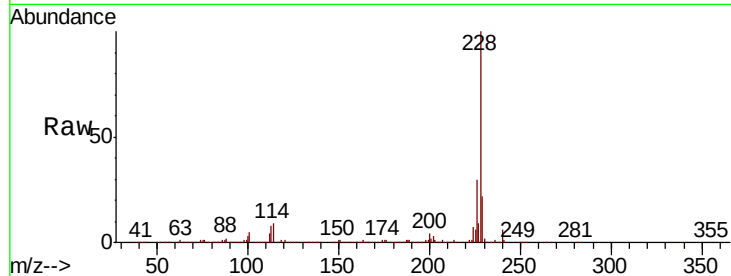
Tot Ion:228 Resp: 1223064

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

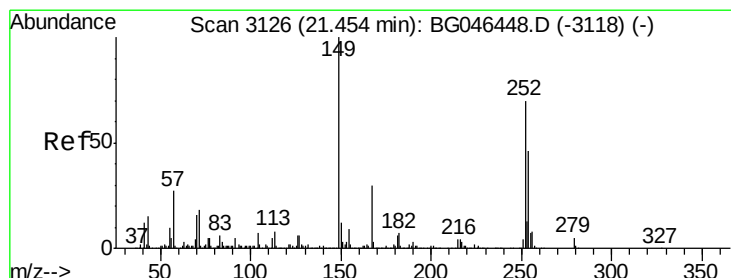
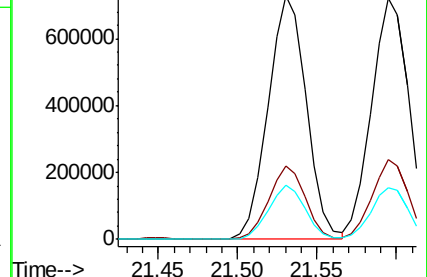
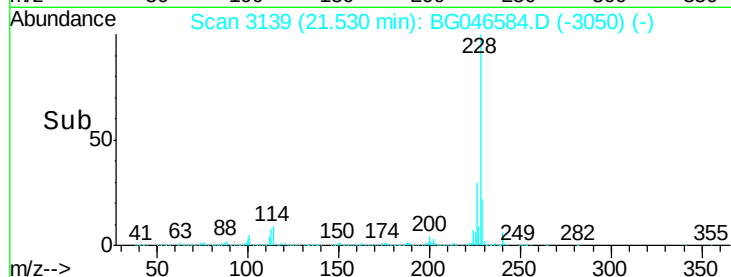
229 22.3 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.506 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

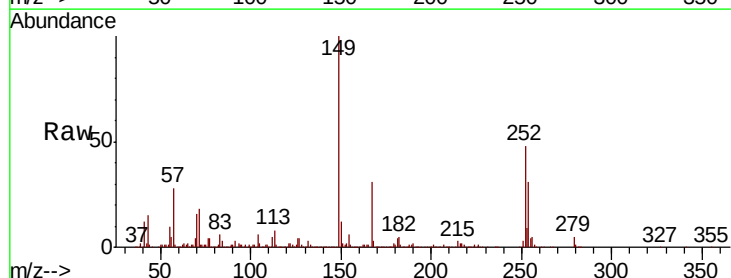
Tgt Ion:252 Resp: 383769

Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

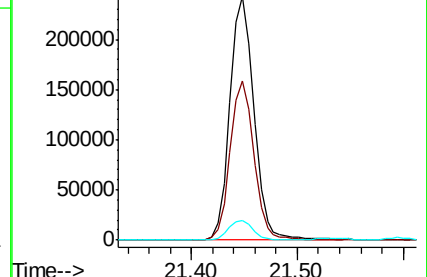
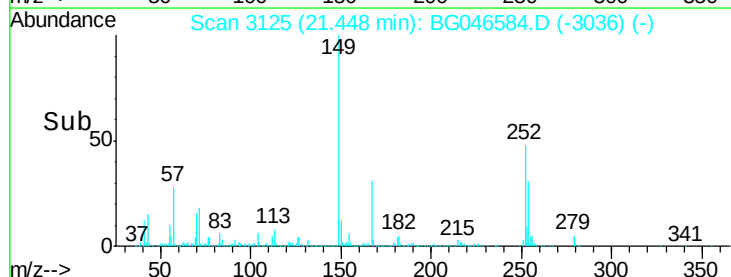
126 8.1 7.4 11.0

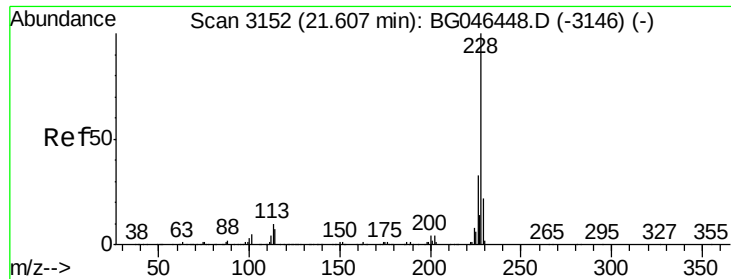


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.085 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

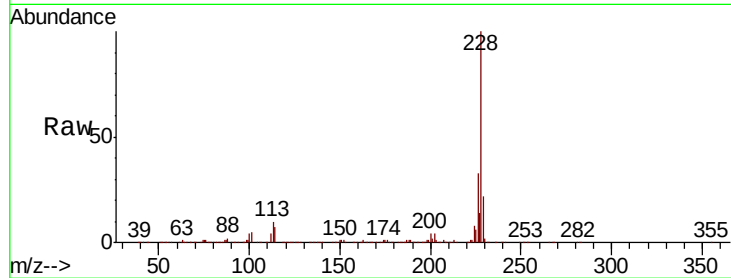
BNA_G

ClientSampleId :

PB131517BS

Tot Ion:228 Resp: 1179050

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.2	39.4
229	21.6	17.9	26.9

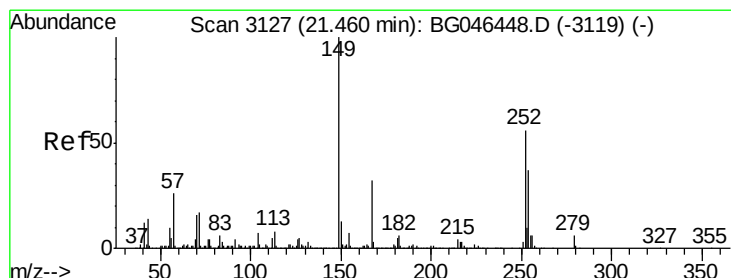
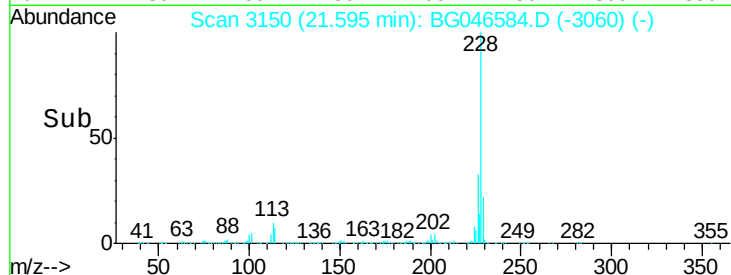
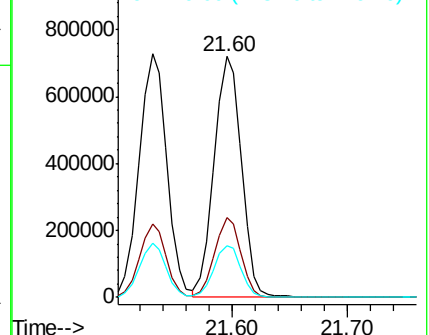


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.388 ng

RT: 21.45 min Scan# 3125

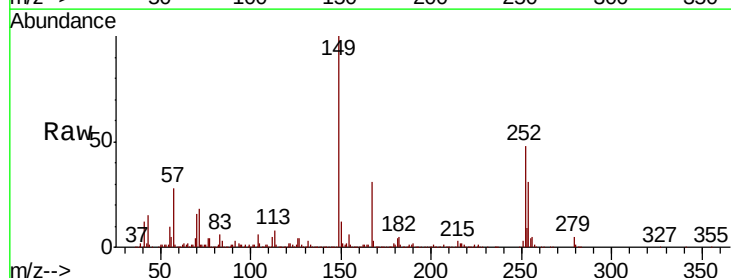
Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Tgt Ion:149 Resp: 687210

Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.2
279	5.1	4.5	6.7

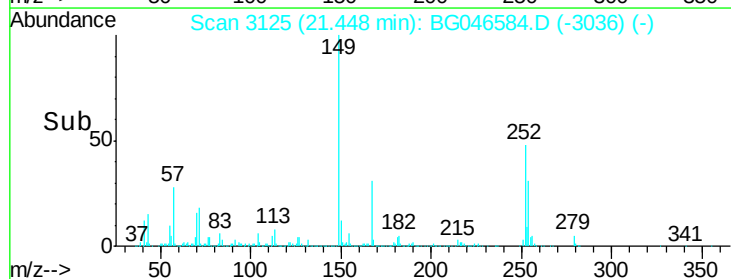
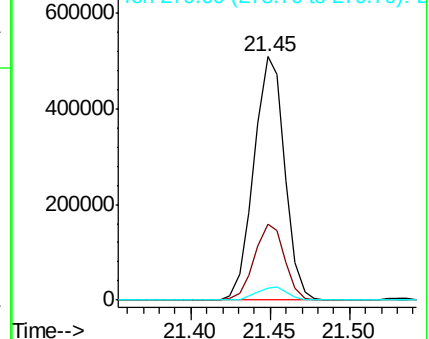


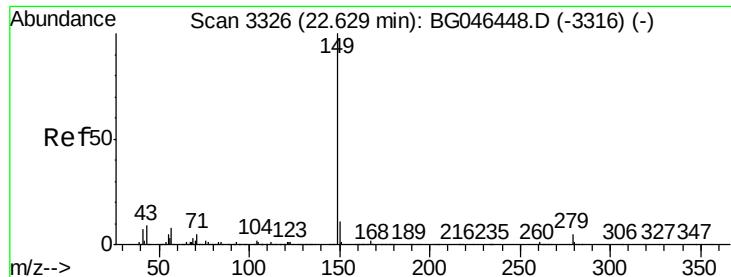
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.959 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131517BS

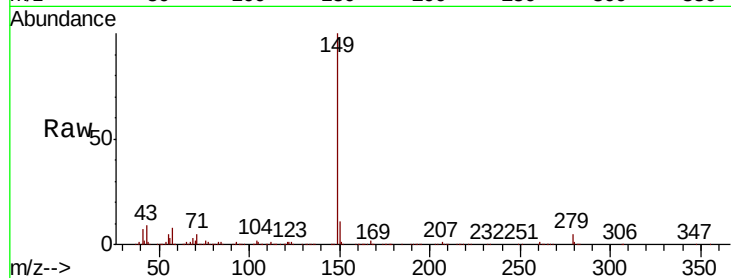
Tot Ion:149 Resp: 1192181

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

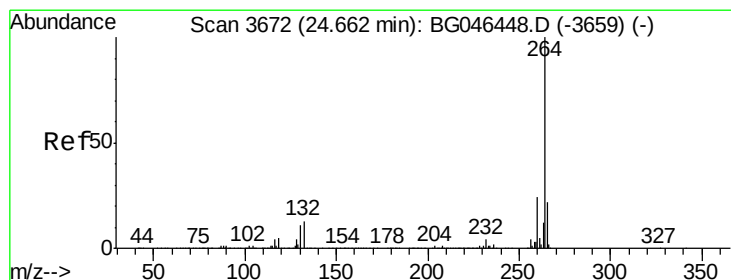
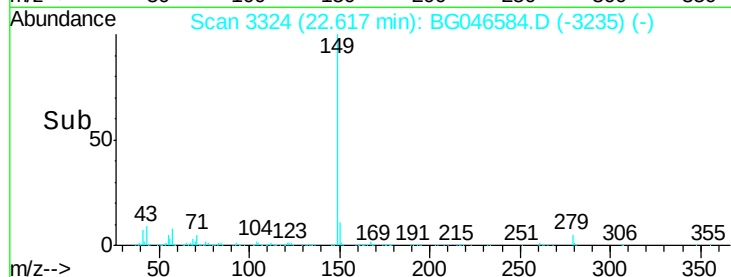
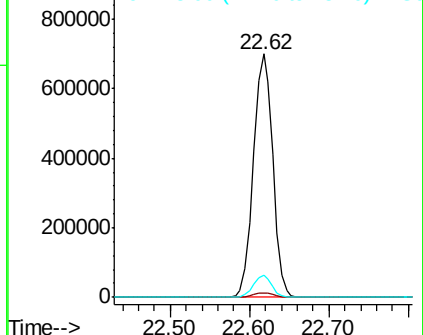
43 8.7 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046584.D

Acq: 10 Sep 2020 16:30

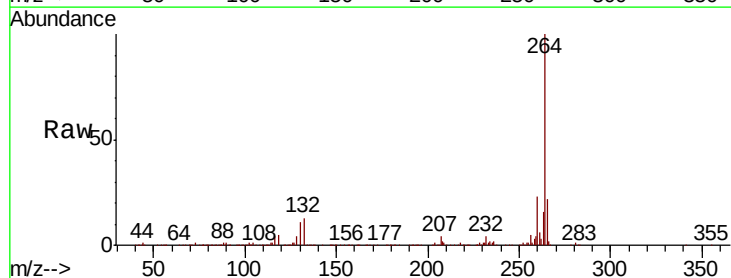
Tgt Ion:264 Resp: 484841

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

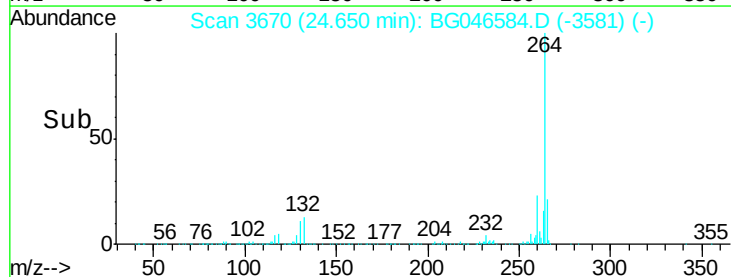
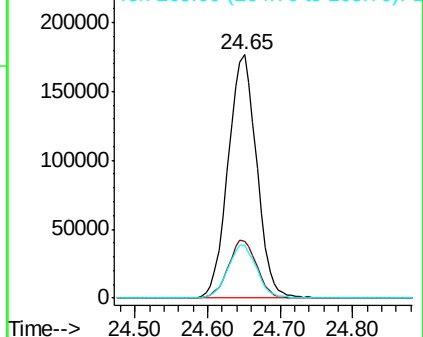
265 21.6 17.9 26.9

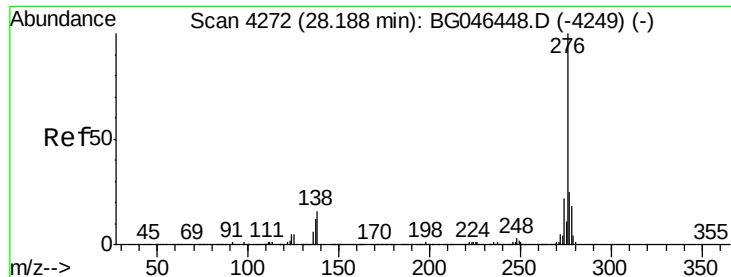


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

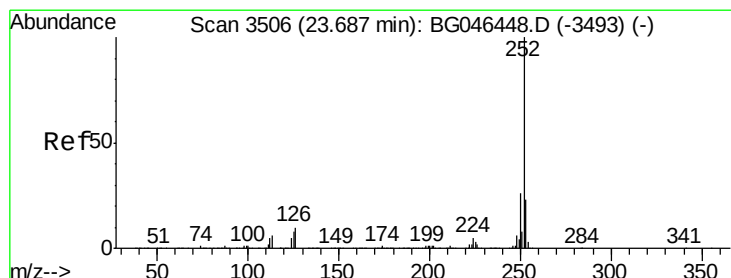
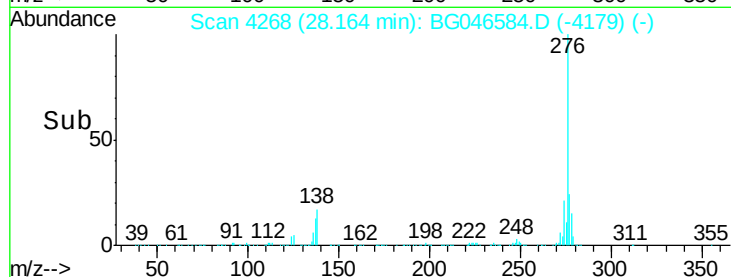
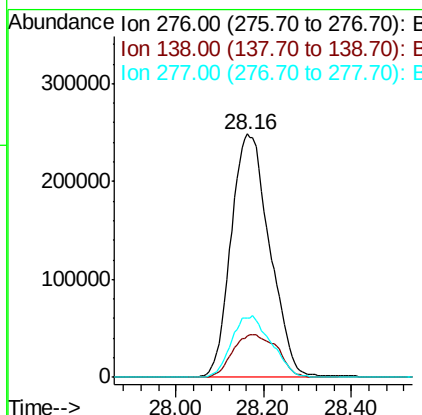
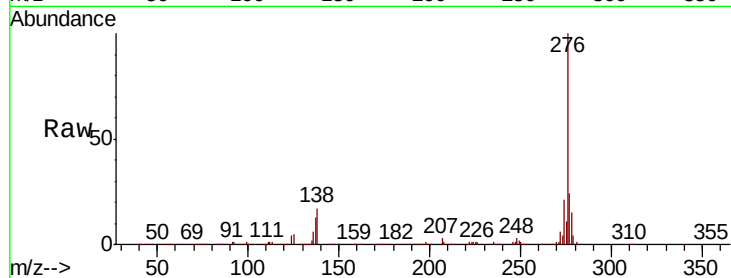




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.770 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

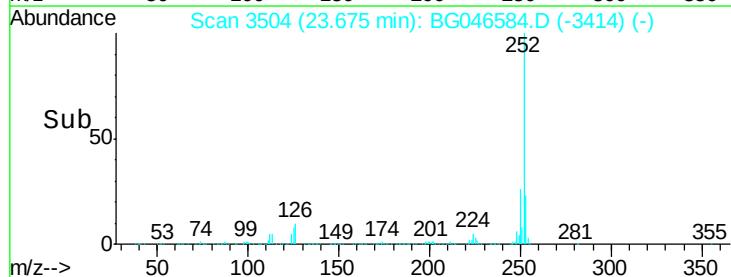
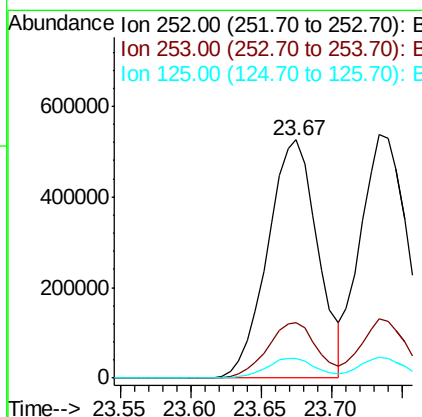
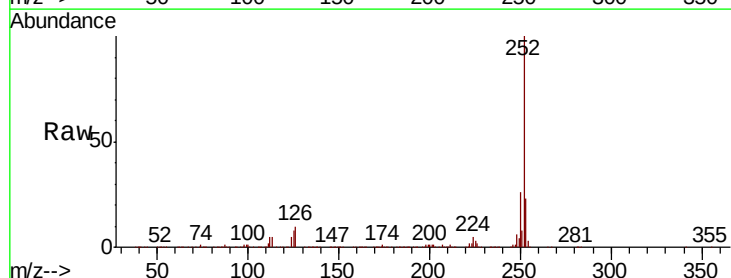
Instrument :
 BNA_G
 ClientSampleId :
 PB131517BS

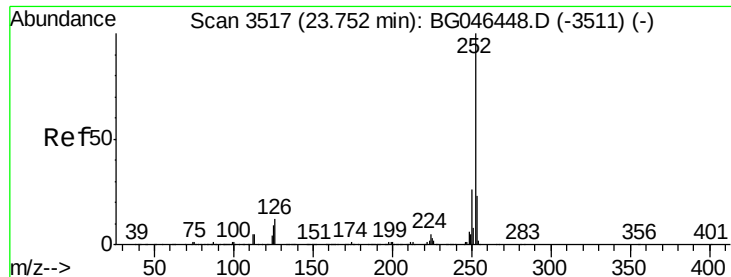
Tot Ion:276 Resp: 1489369
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.5 24.7
 277 26.0 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 43.022 ng
 RT: 23.67 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BG046584.D
 Acq: 10 Sep 2020 16:30

Tgt Ion:252 Resp: 1302460
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.4
 125 8.2 6.2 9.2

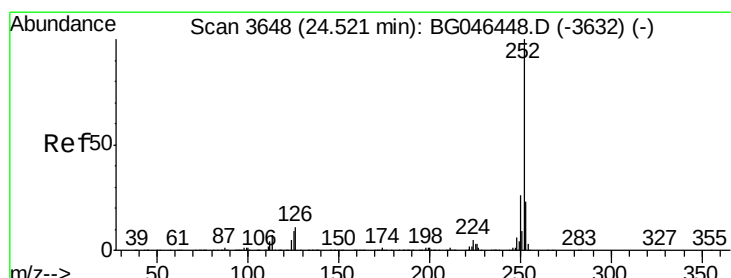
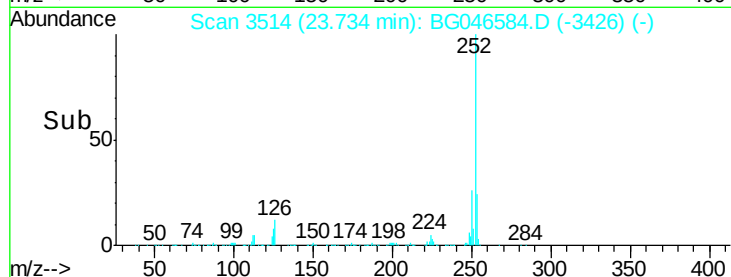
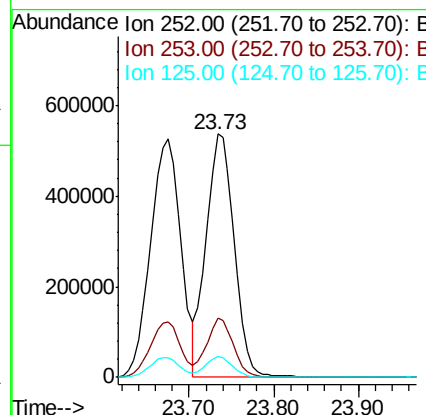
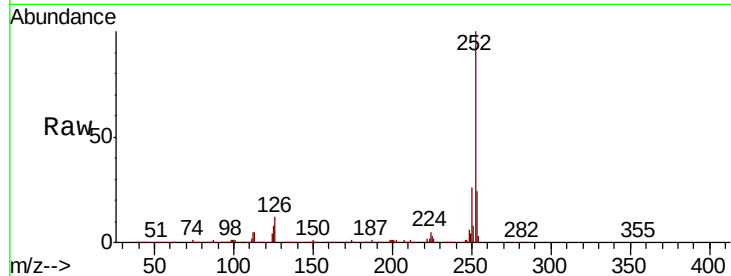




#89
Benzo(k)fluoranthene
Concen: 42.453 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

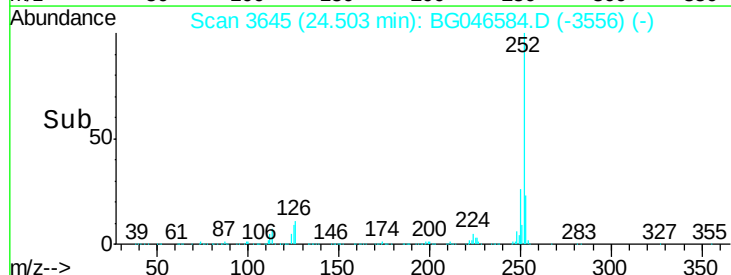
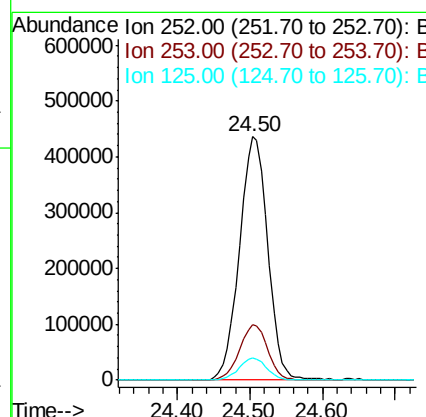
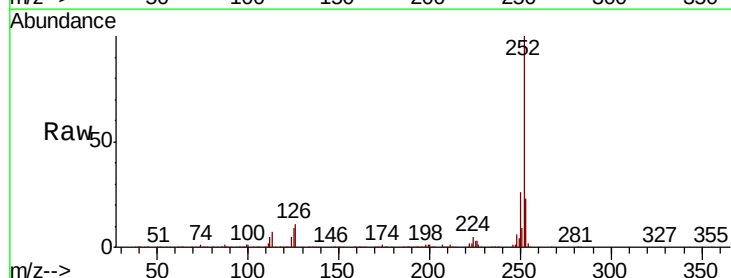
Instrument :
BNA_G
ClientSampleId :
PB131517BS

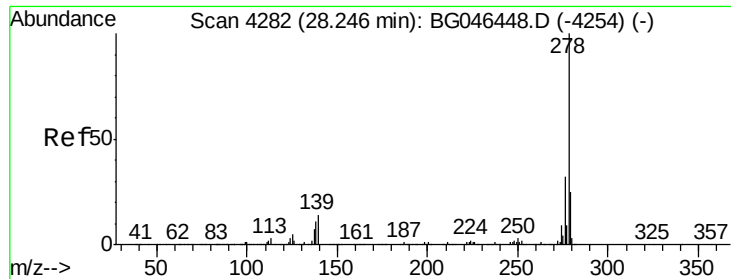
Tot Ion:252 Resp: 1242102
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 41.774 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:252 Resp: 1180207
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.2 7.4 11.0



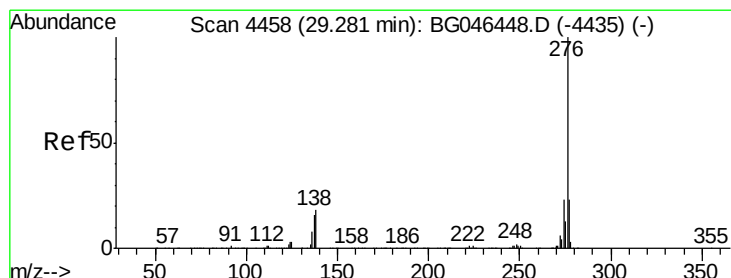
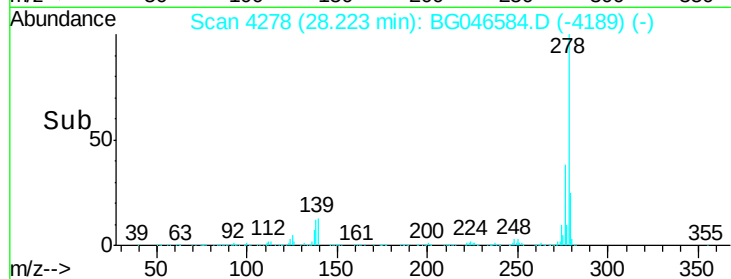
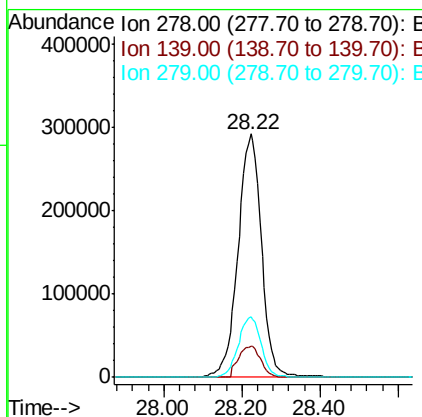
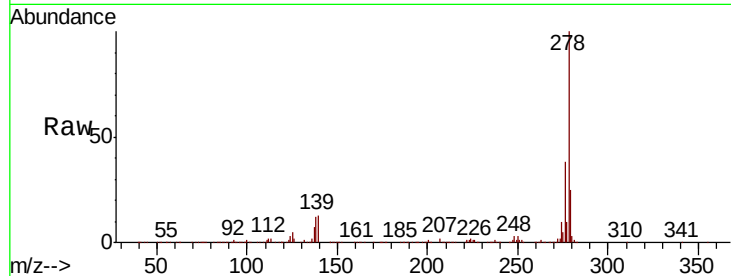


#91
Dibenzo(a,h)anthracene
Concen: 43.504 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Instrument :
BNA_G
ClientSampleId :
PB131517BS

Tot Ion:278 Resp: 1222495

Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.2	16.8
279	24.8	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 44.508 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046584.D
Acq: 10 Sep 2020 16:30

Tgt Ion:276 Resp: 1248920

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	17.9	14.7	22.1

