

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046517.D
 Acq On : 3 Sep 2020 15:26
 Operator : CG/JU
 Sample : PB131395BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Quant Time: Sep 03 17:02:38 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	73902	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	296595	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199121	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	473289	20.00	ng	0.00
76) Chrysene-d12	21.55	240	500914	20.00	ng	0.00
86) Perylene-d12	24.66	264	499433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	471785	113.07	ng	0.00
7) Phenol-d6	7.11	99	611988	103.47	ng	0.00
23) Nitrobenzene-d5	9.09	82	484621	93.39	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	247958	91.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1202019	92.15	ng	0.00
79) Terphenyl-d14	19.92	244	1651413	70.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	63146	36.377	ng	97
3) Pyridine	3.81	79	141456	27.852	ng	98
4) n-Nitrosodimethylamine	3.72	42	76206	40.682	ng	99
6) Aniline	7.25	93	214819	32.275	ng	99
8) 2-Chlorophenol	7.50	128	180441	40.917	ng	100
9) Benzaldehyde	7.07	77	109591	33.070	ng	97
10) Phenol	7.13	94	227858	41.825	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	170287	38.887	ng	98
12) 1,3-Dichlorobenzene	7.82	146	210445	37.587	ng	96
13) 1,4-Dichlorobenzene	7.96	146	210095	37.482	ng	99
14) 1,2-Dichlorobenzene	8.28	146	196559	36.572	ng	99
15) Benzyl Alcohol	8.16	79	154410	40.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	257723	37.942	ng	99
17) 2-Methylphenol	8.38	107	160532	41.550	ng	99
18) Hexachloroethane	9.01	117	71871	37.816	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	133565	37.751	ng	97
20) 3+4-Methylphenols	8.70	107	217336	40.754	ng	100
22) Acetophenone	8.75	105	263755	36.533	ng	# 98
24) Nitrobenzene	9.13	77	194034	37.848	ng	97
25) Isophorone	9.65	82	362987	38.153	ng	99
26) 2-Nitrophenol	9.84	139	105448	38.984	ng	95
27) 2,4-Dimethylphenol	9.90	122	170347	45.789	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	224151	36.604	ng	99
29) 2,4-Dichlorophenol	10.38	162	196217	39.564	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	214026	36.372	ng	99
31) Naphthalene	10.78	128	544717	37.614	ng	100
32) Benzoic acid	10.05	122	66674	28.923	ng	99
33) 4-Chloroaniline	10.88	127	160343	25.109	ng	97
34) Hexachlorobutadiene	11.07	225	135000	35.341	ng	99
35) Caprolactam	11.65	113	38225	20.619	ng	91
36) 4-Chloro-3-methylphenol	12.01	107	185395	38.221	ng	97
37) 2-Methylnaphthalene	12.38	142	428881	37.551	ng	100
38) 1-Methylnaphthalene	12.61	142	401209	37.085	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251329	38.276	ng	99

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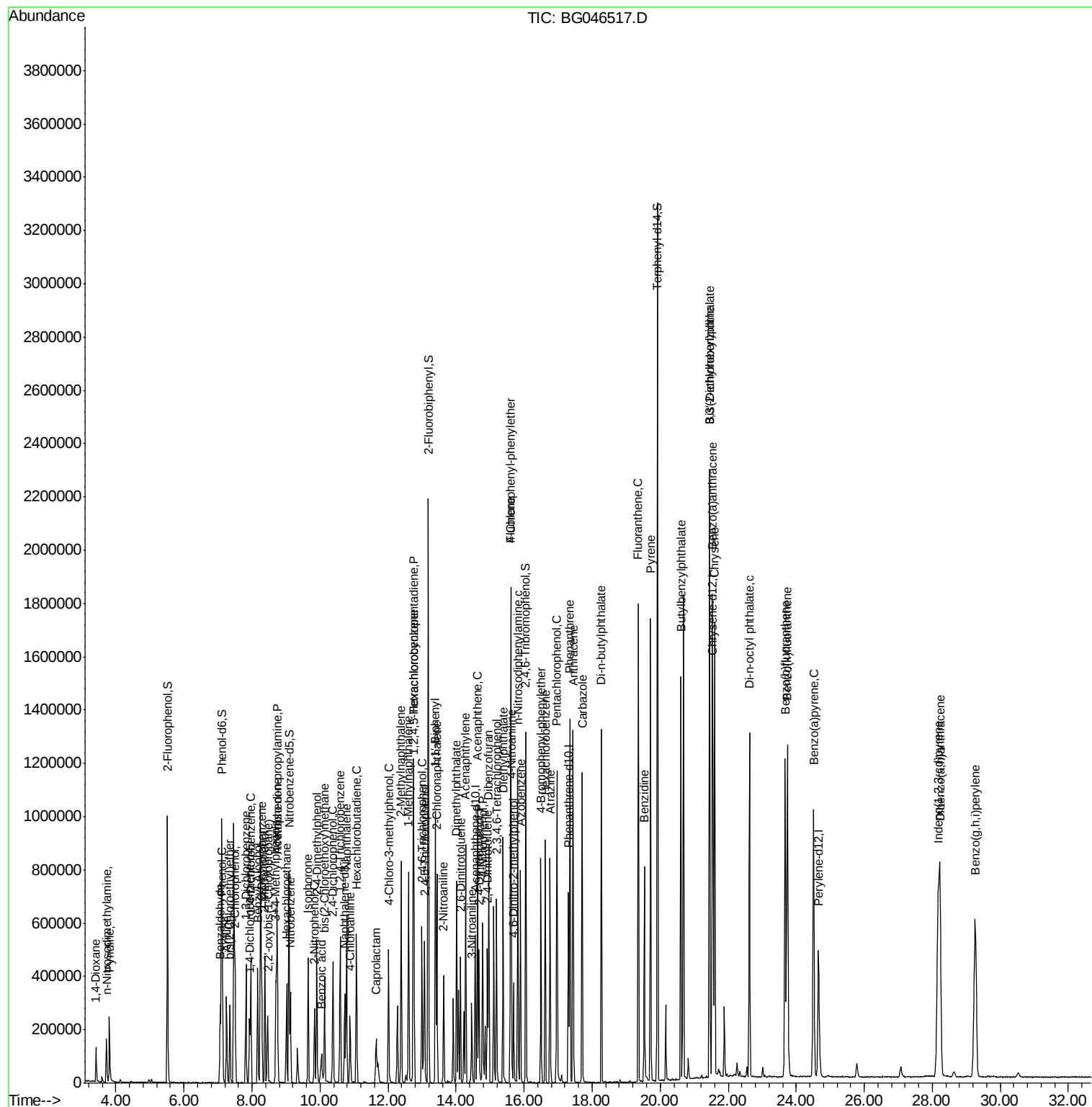
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	284737	99.727	nq	96
43) 2,4,6-Trichlorophenol	12.99	196	169157	38.175	nq	97
44) 2,4,5-Trichlorophenol	13.07	196	178835	38.413	nq	98
46) 1,1'-Biphenyl	13.39	154	542302	39.145	nq	100
47) 2-Chloronaphthalene	13.43	162	422256	35.949	nq	99
48) 2-Nitroaniline	13.63	65	114371	35.066	nq	99
49) Acenaphthylene	14.28	152	682249	38.290	nq	100
50) Dimethylphthalate	14.02	163	545340	35.400	nq	100
51) 2,6-Dinitrotoluene	14.13	165	125137	36.851	nq	99
52) Acenaphthene	14.63	154	399471	36.180	nq	99
53) 3-Nitroaniline	14.46	138	91977	25.005	nq	97
54) 2,4-Dinitrophenol	14.67	184	152251	76.811	nq	96
55) Dibenzofuran	14.96	168	648899	36.621	nq	99
56) 4-Nitrophenol	14.79	139	201029	74.260	nq	100
57) 2,4-Dinitrotoluene	14.92	165	176444	36.440	nq	98
58) Fluorene	15.61	166	535424	36.002	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	165526	36.613	nq	97
60) Diethylphthalate	15.38	149	530969	35.351	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	291994	35.650	nq	99
62) 4-Nitroaniline	15.63	138	125903	32.439	nq	97
63) Azobenzene	15.90	77	446797	36.570	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	113321	42.302	nq	98
66) n-Nitrosodiphenylamine	15.81	169	481929	37.744	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	200639	36.336	nq	98
68) Hexachlorobenzene	16.62	284	212237	34.706	nq	97
69) Atrazine	16.77	200	176654	33.914	nq	99
70) Pentachlorophenol	16.96	266	253124	79.223	nq	99
71) Phenanthrene	17.35	178	872708	36.379	nq	99
72) Anthracene	17.44	178	896272	37.867	nq	99
73) Carbazole	17.71	167	821960	36.781	nq	99
74) Di-n-butylphthalate	18.27	149	944253	36.746	nq	100
75) Fluoranthene	19.36	202	1140270	36.935	nq	98
77) Benzidine	19.53	184	535459	46.003	nq	99
78) Pyrene	19.72	202	1143571	35.851	nq	99
80) Butylbenzylphthalate	20.61	149	453266	36.431	nq	97
81) Benzo(a)anthracene	21.54	228	1141142	36.549	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	324525	28.009	nq	99
83) Chrysene	21.60	228	1092932	36.391	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	644108	37.935	nq	98
85) Di-n-octyl phthalate	22.62	149	1120559	38.543	nq	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1388069	38.697	nq	100
88) Benzo(b)fluoranthene	23.68	252	1207049	38.706	nq	98
89) Benzo(k)fluoranthene	23.74	252	1140299	37.835	nq	99
90) Benzo(a)pyrene	24.51	252	1099190	37.769	nq	100
91) Dibenzo(a,h)anthracene	28.23	278	1150714	39.753	nq	97
92) Benzo(g,h,i)perylene	29.26	276	1173775	40.607	nq	99

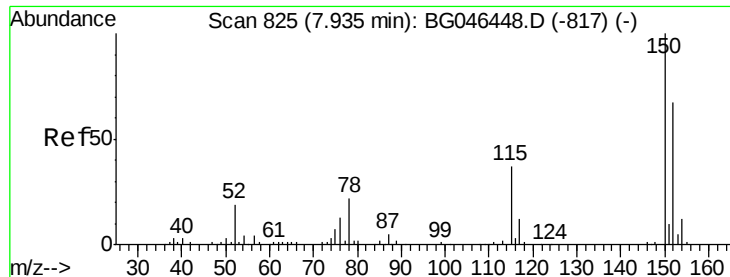
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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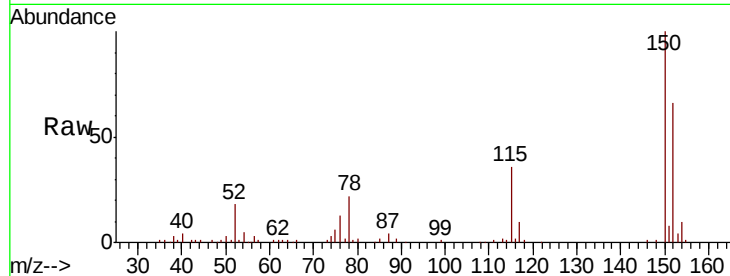


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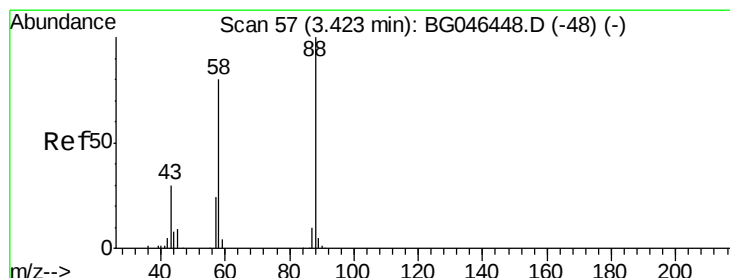
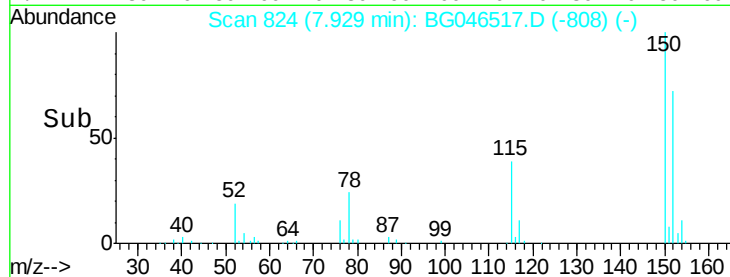
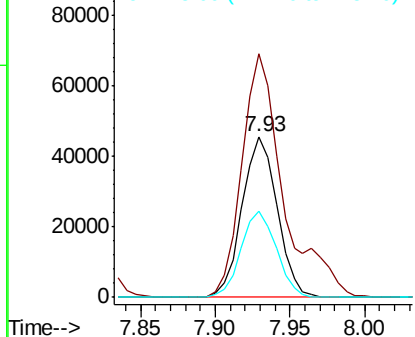
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:152 Resp: 73902
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 54.0 44.3 66.5



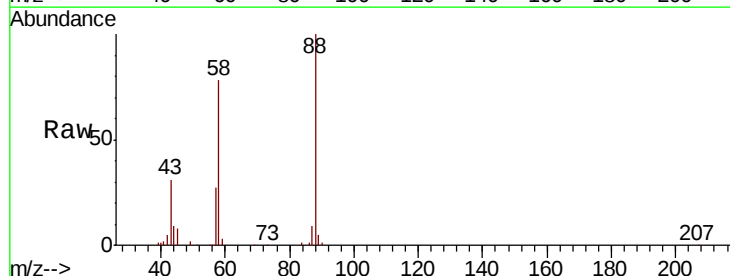
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



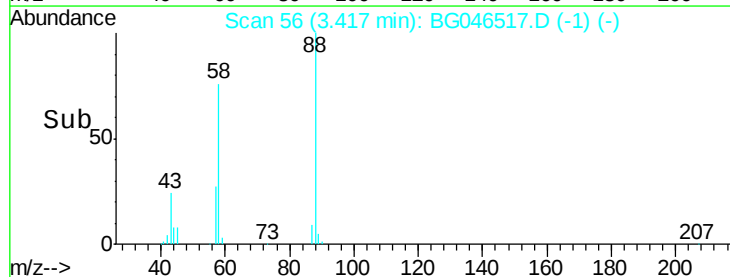
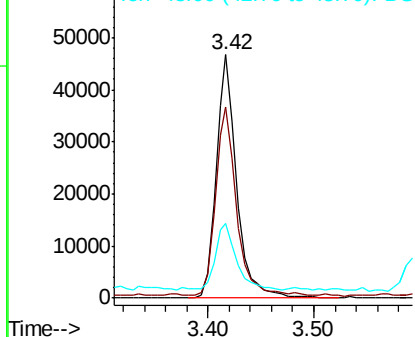
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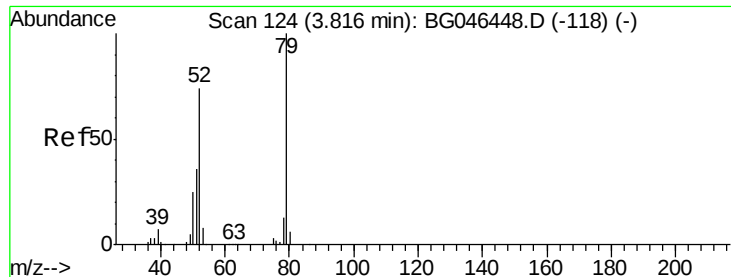
1,4-Dioxane
Concen: 36.377 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion: 88 Resp: 63146
Ion Ratio Lower Upper
88 100
58 79.6 61.4 92.2
43 28.3 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: 27.852 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

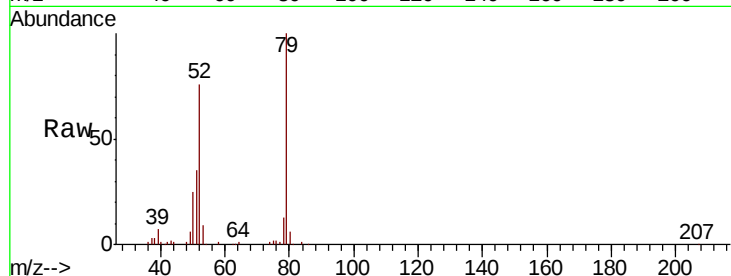
Tot Ion: 79 Resp: 141456

Ion Ratio Lower Upper

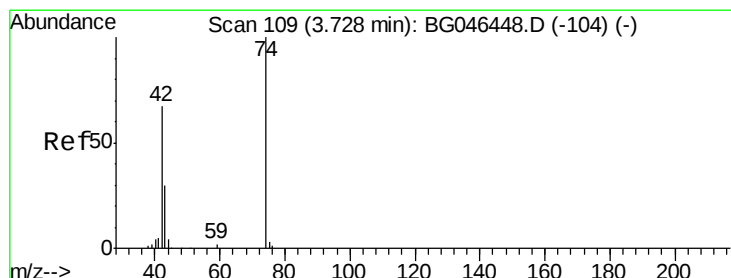
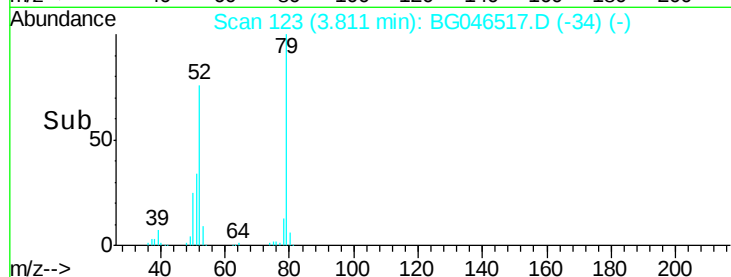
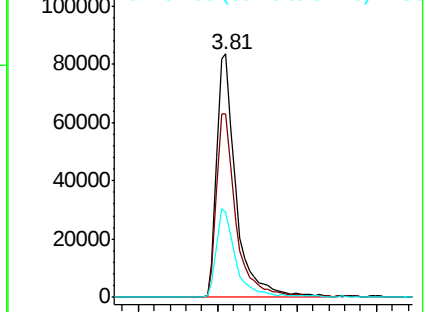
79 100

52 75.6 59.1 88.7

51 34.8 29.0 43.6



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



#4

n-Nitrosodimethylamine

Concen: 40.682 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

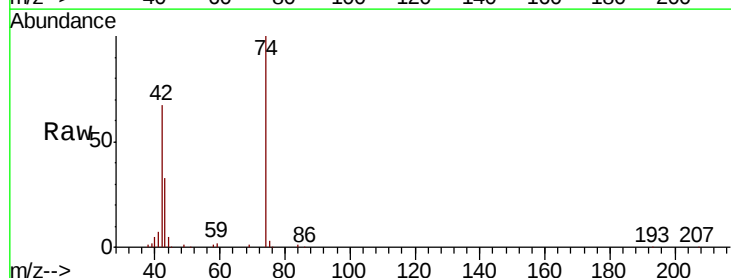
Tgt Ion: 42 Resp: 76206

Ion Ratio Lower Upper

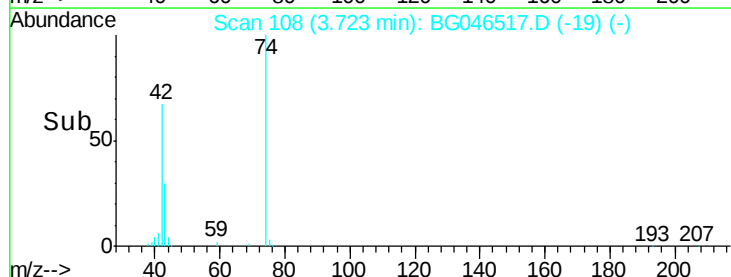
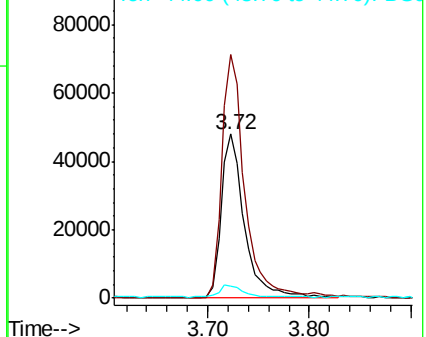
42 100

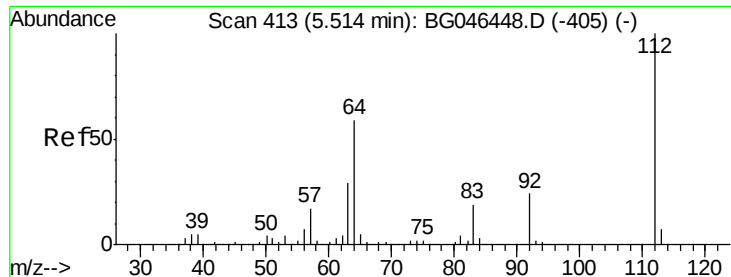
74 148.3 119.5 179.3

44 7.5 5.7 8.5



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





#5

2-Fluorophenol

Concen: 113.071 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046517.D

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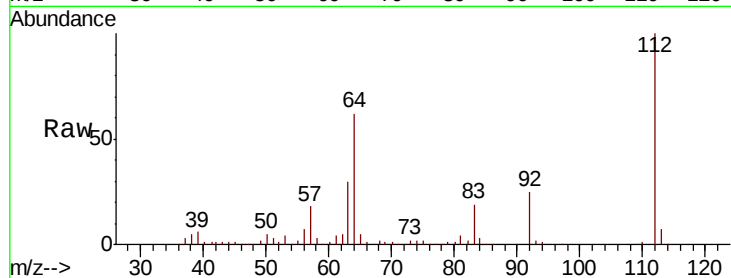
Tot Ion:112 Resp: 471785

Ion Ratio Lower Upper

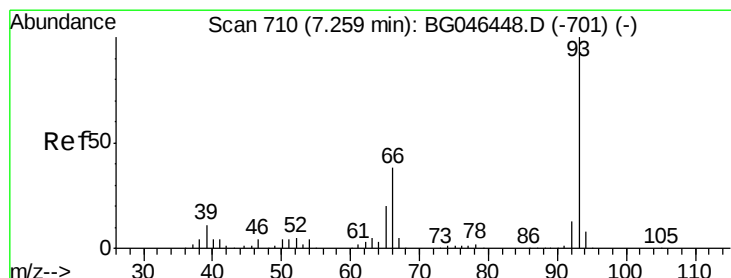
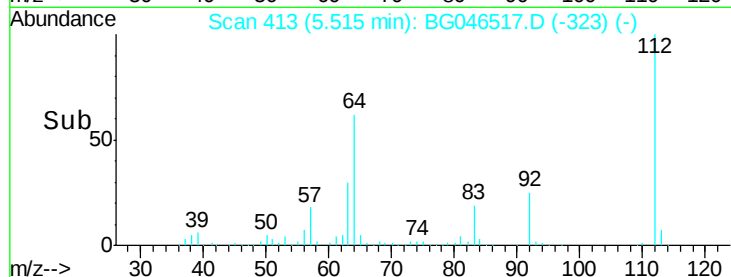
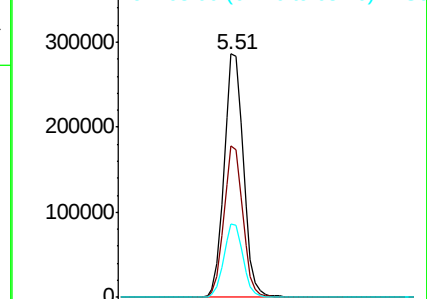
112 100

64 62.1 47.0 70.6

63 30.3 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: 32.275 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

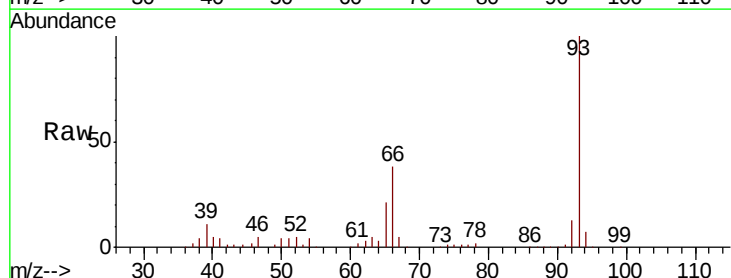
Tgt Ion: 93 Resp: 214819

Ion Ratio Lower Upper

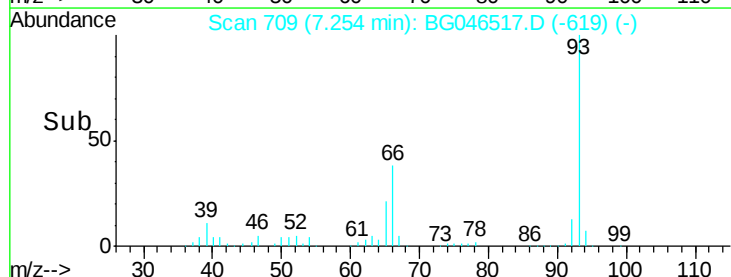
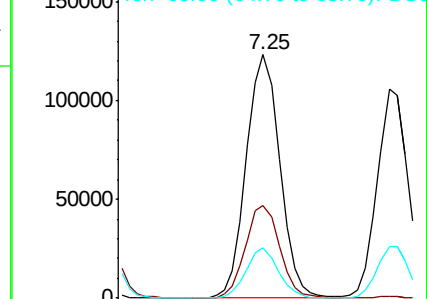
93 100

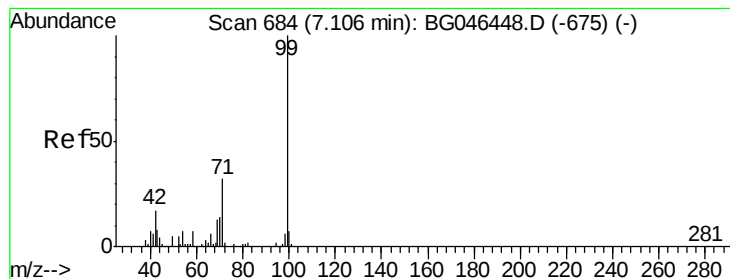
66 38.2 30.4 45.6

65 20.6 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: 103.466 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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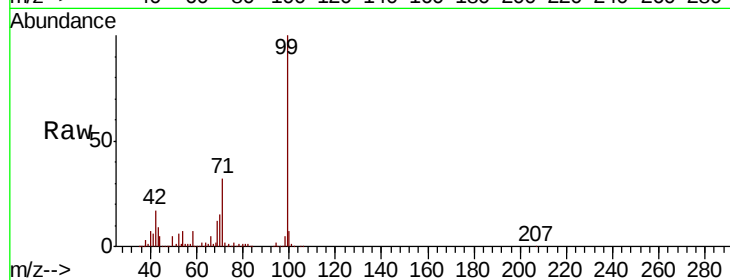
Tot Ion: 99 Resp: 611988

Ion Ratio Lower Upper

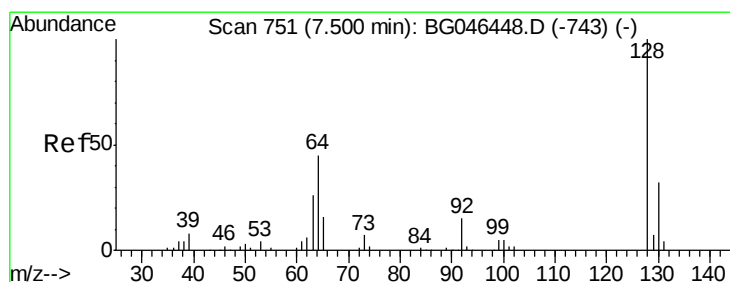
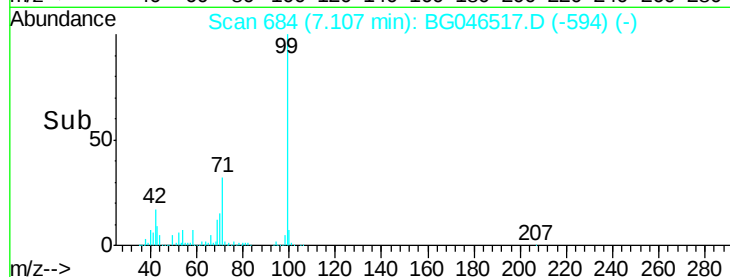
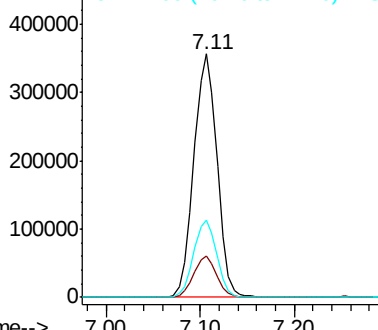
99 100

42 17.1 13.3 19.9

71 31.9 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: 40.917 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

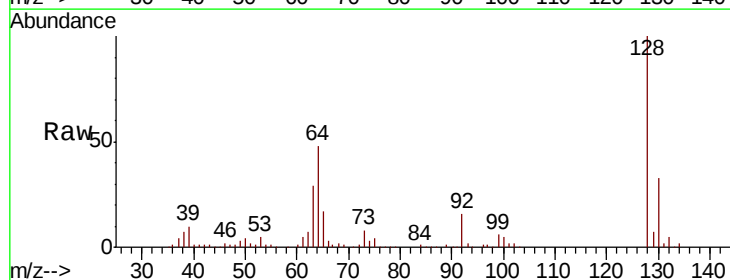
Tgt Ion: 128 Resp: 180441

Ion Ratio Lower Upper

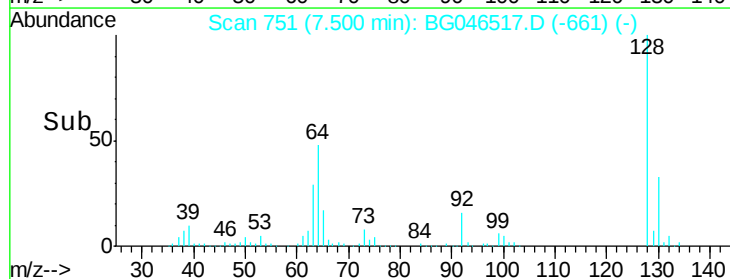
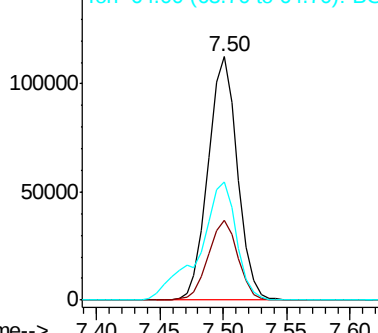
128 100

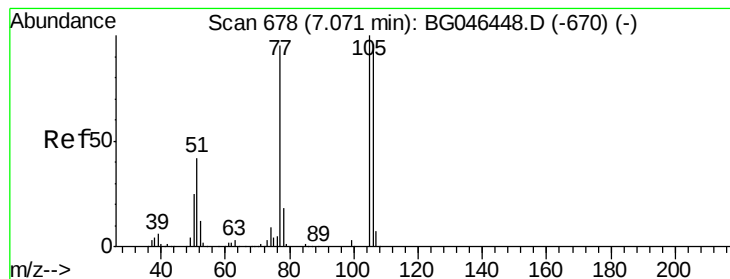
130 32.6 12.4 52.4

64 48.3 28.1 68.1



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





#9

Benzaldehyde

Concen: 33.070 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

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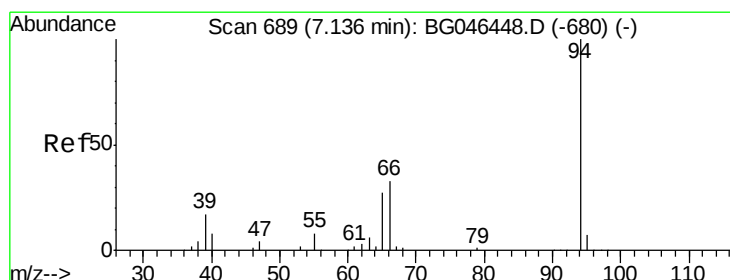
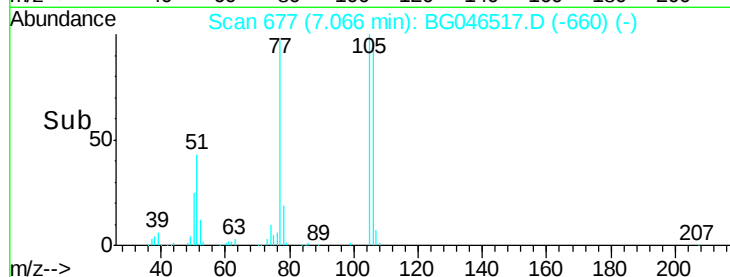
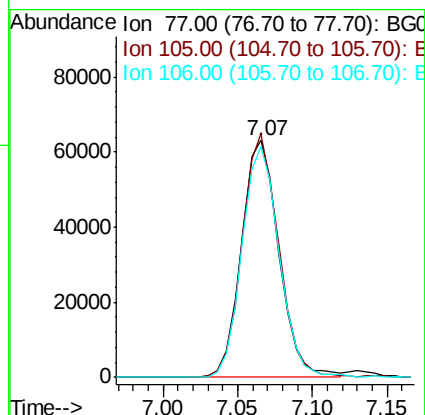
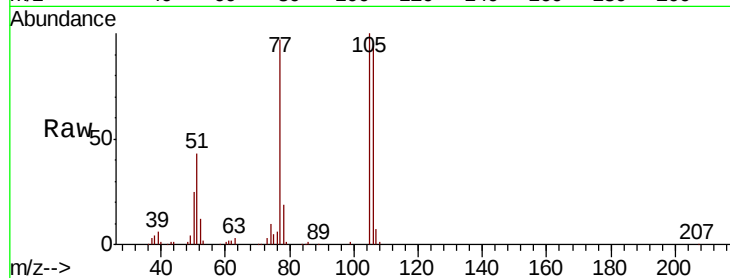
Tot Ion: 77 Resp: 109591

Ion Ratio Lower Upper

77 100

105 102.7 85.6 125.6

106 97.5 80.8 120.8



#10

Phenol

Concen: 41.825 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

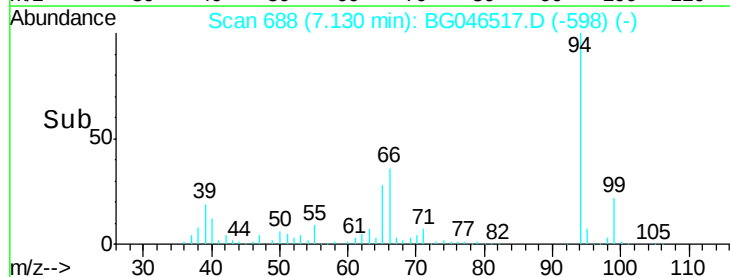
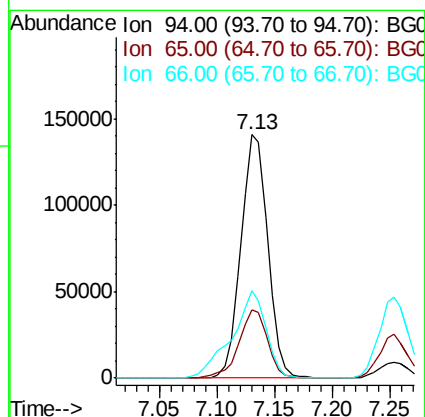
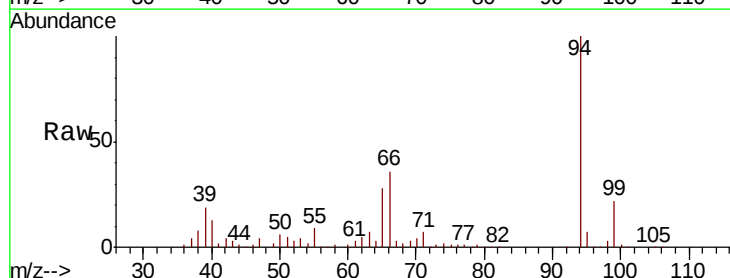
Tgt Ion: 94 Resp: 227858

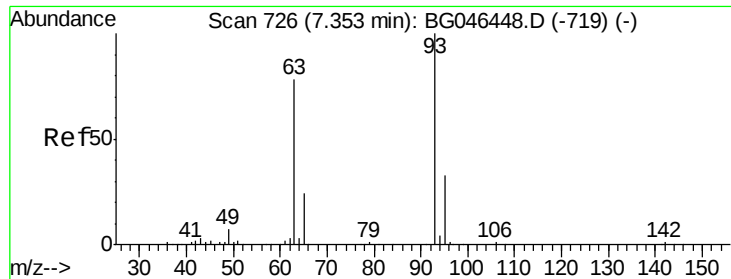
Ion Ratio Lower Upper

94 100

65 28.3 7.5 47.5

66 36.0 14.1 54.1





#11

bis(2-Chloroethyl)ether

Concen: 38.887 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

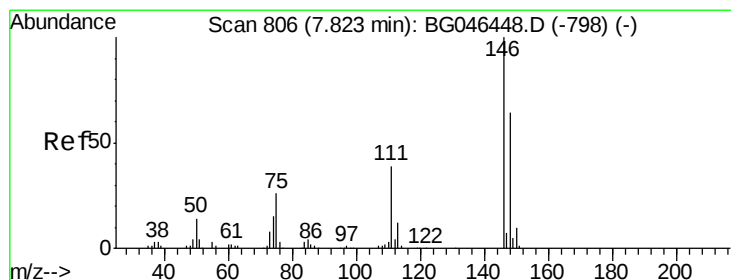
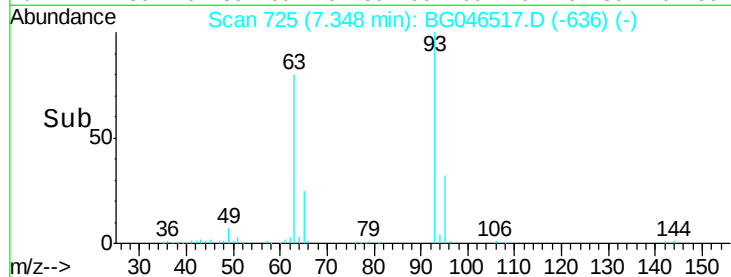
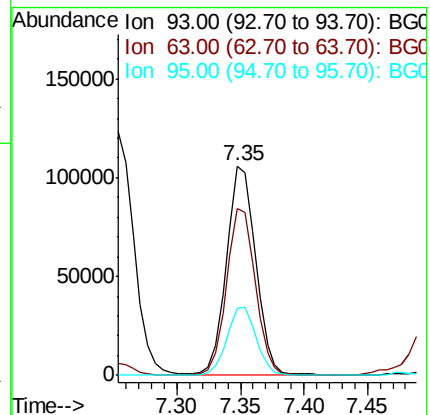
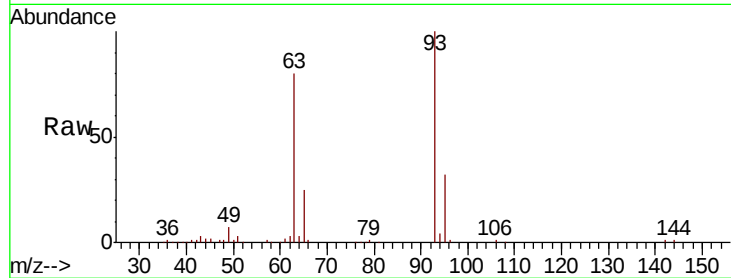
Tot Ion: 93 Resp: 170287

Ion Ratio Lower Upper

93 100

63 79.6 57.7 97.7

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.587 ng

RT: 7.82 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

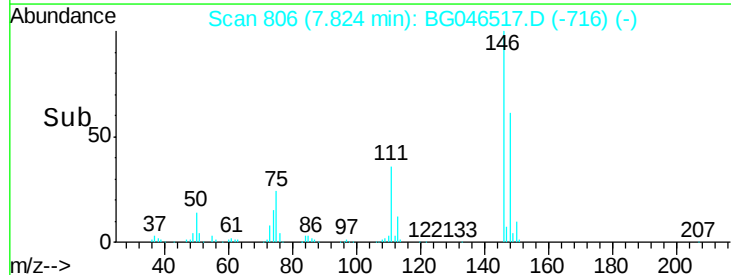
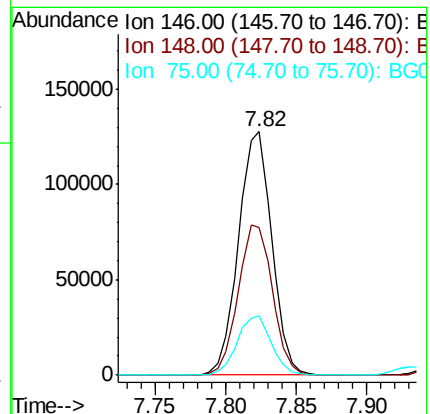
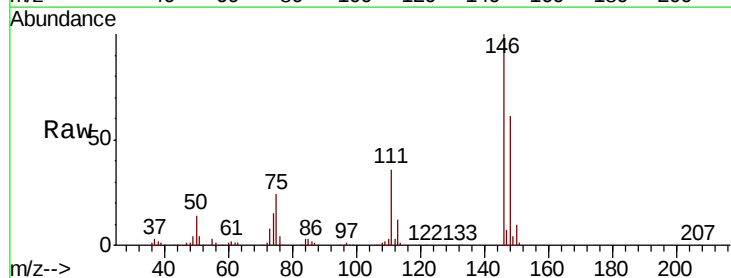
Tgt Ion: 146 Resp: 210445

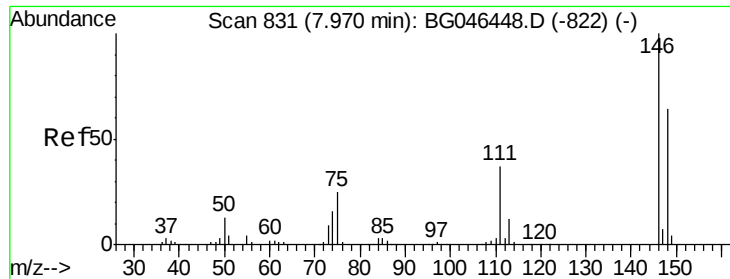
Ion Ratio Lower Upper

146 100

148 60.6 51.4 77.0

75 24.4 20.7 31.1

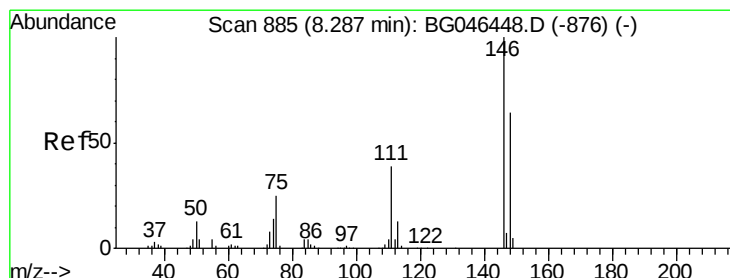
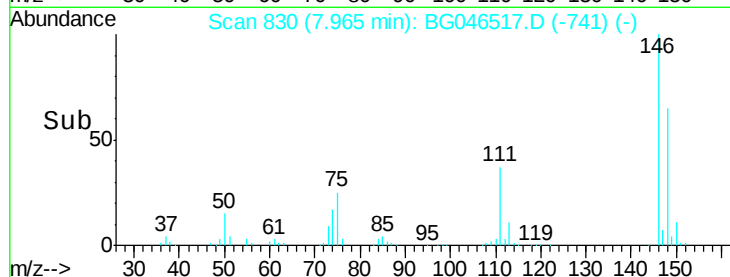
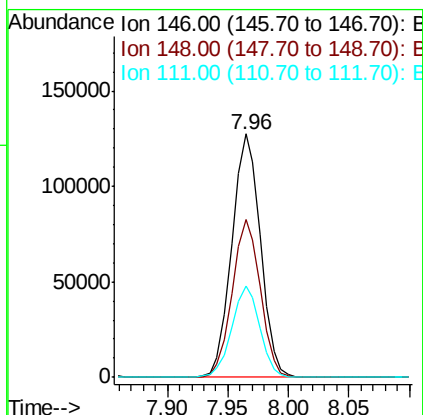
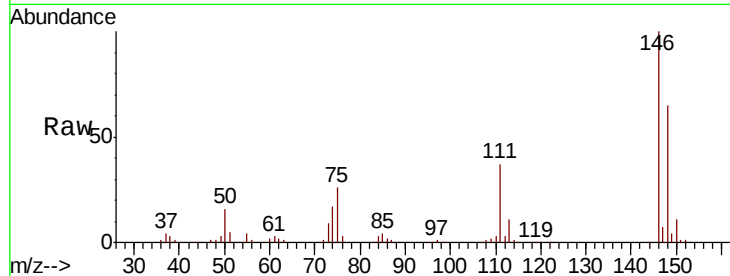




#13
 1,4-Dichlorobenzene
 Concen: 37.482 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

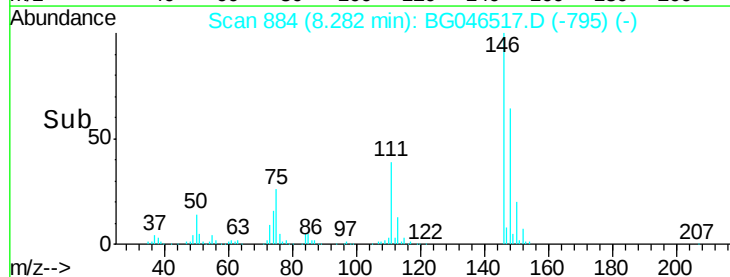
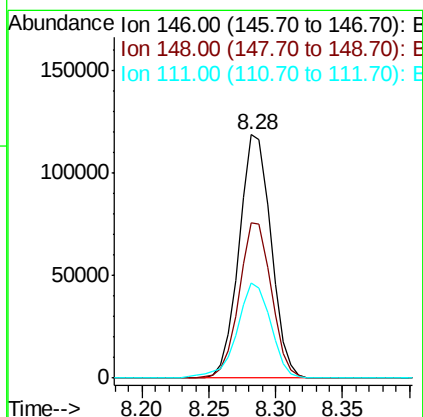
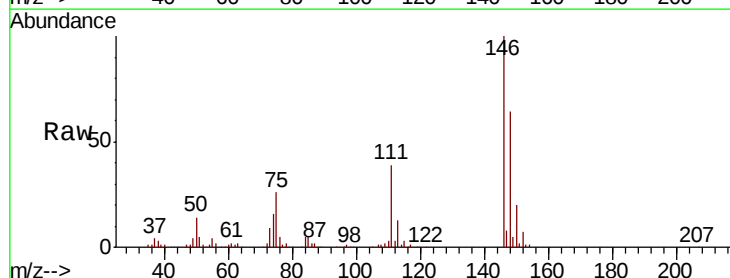
Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

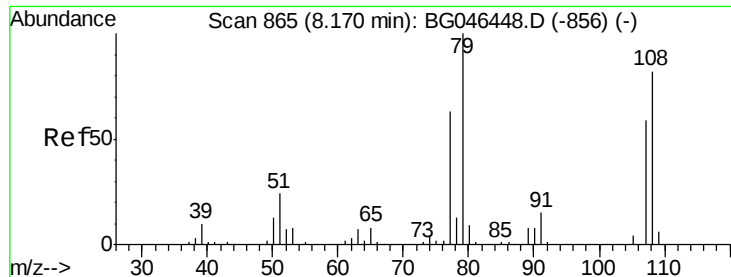
Tot Ion:146 Resp: 210095
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.9 76.3
 111 37.4 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 36.572 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion:146 Resp: 196559
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 39.1 31.4 47.2





#15

Benzyl Alcohol

Concen: 40.661 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

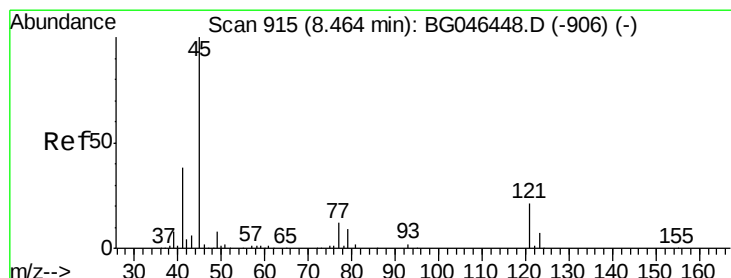
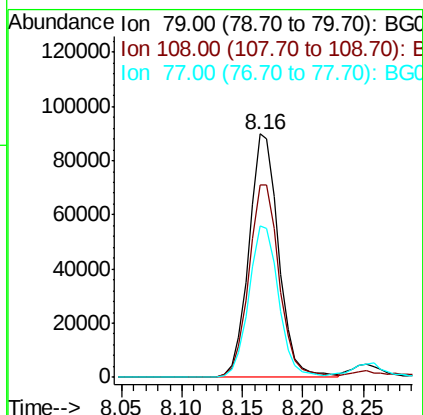
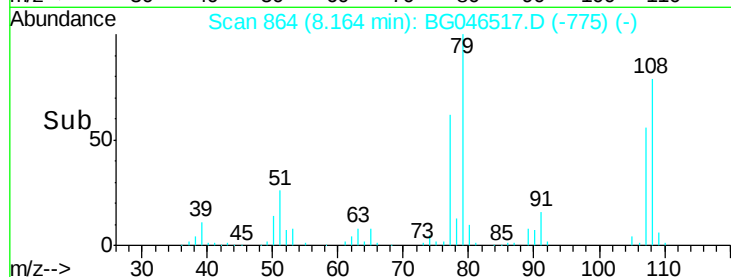
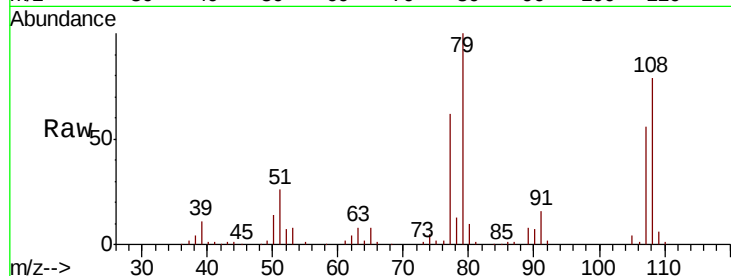
Tot Ion: 79 Resp: 154410

Ion Ratio Lower Upper

79 100

108 79.1 65.7 98.5

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.942 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

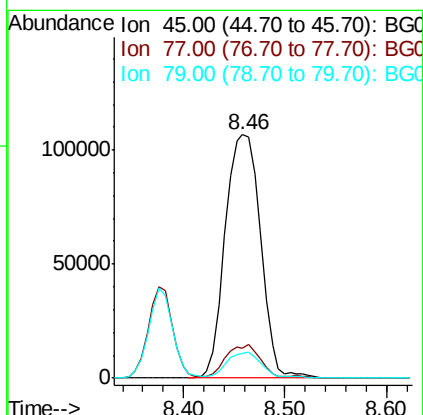
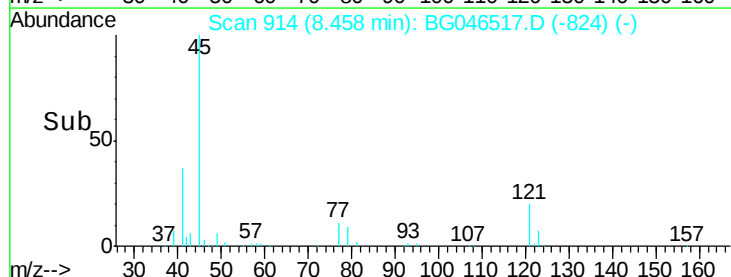
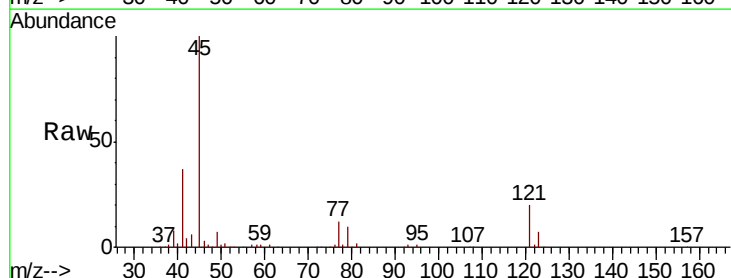
Tgt Ion: 45 Resp: 257723

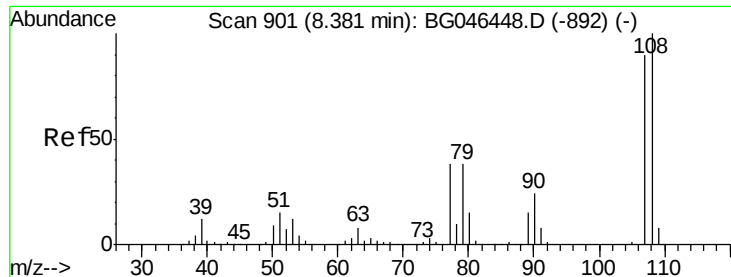
Ion Ratio Lower Upper

45 100

77 12.4 0.0 33.2

79 10.3 0.0 30.3

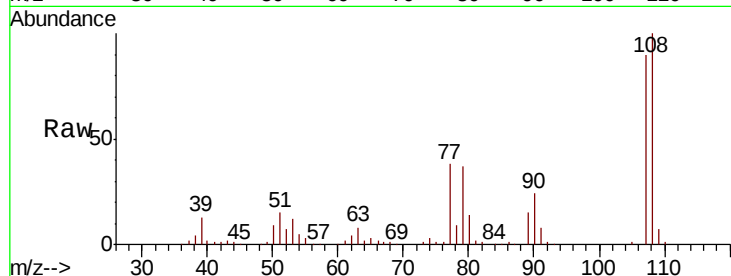




#17
2-Methylphenol
Concen: 41.550 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:	107	Resp:	160532
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.4	134.0
77	42.3	34.5	51.7
79	41.6	33.8	50.6



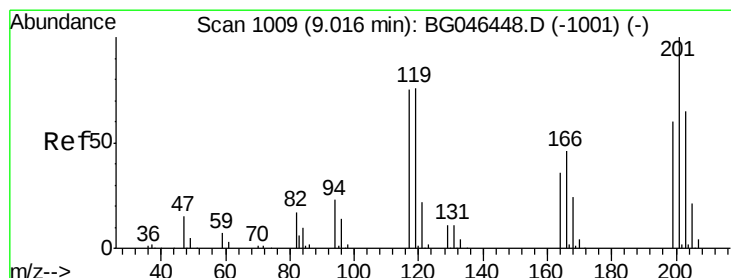
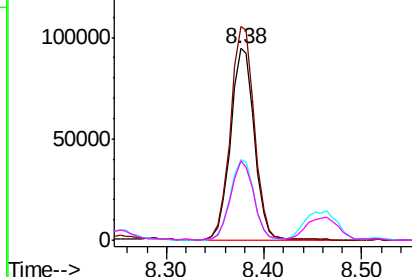
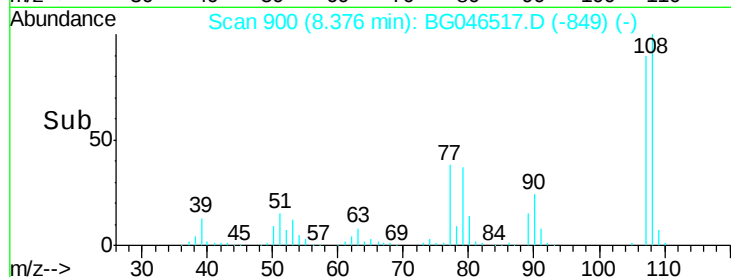
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

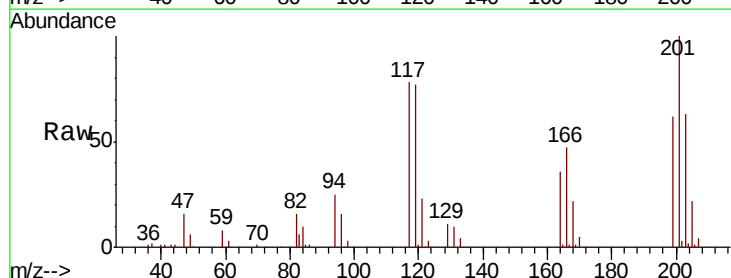
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.816 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:	117	Resp:	71871
Ion	Ratio	Lower	Upper
117	100		
119	98.9	80.8	121.2
201	128.8	106.7	160.1

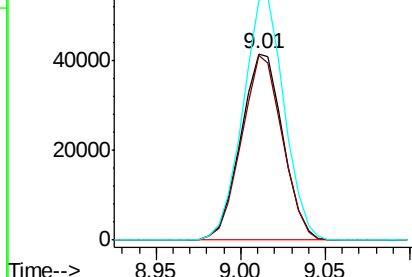
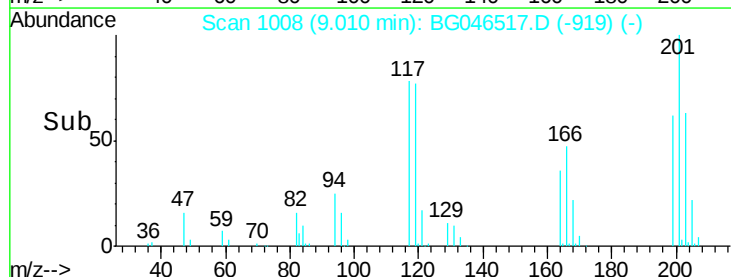


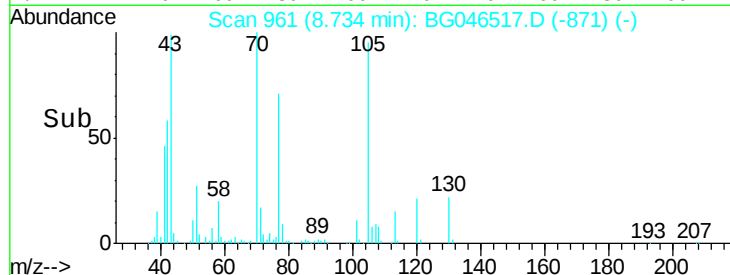
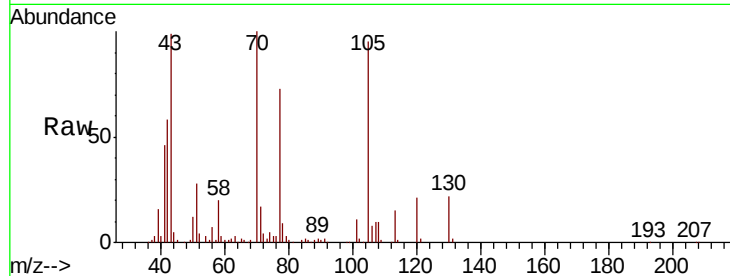
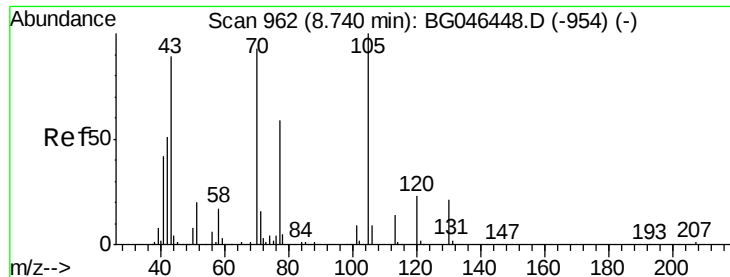
Abundance

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

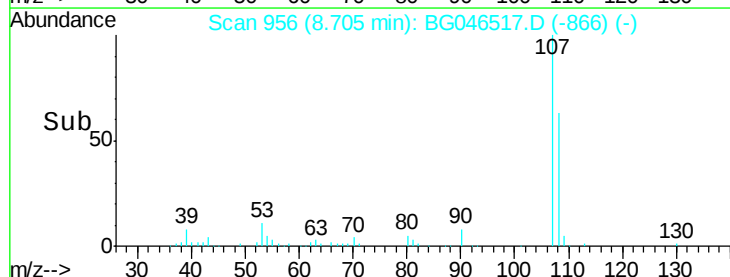
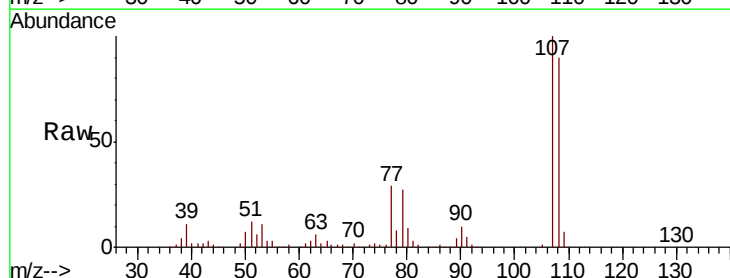
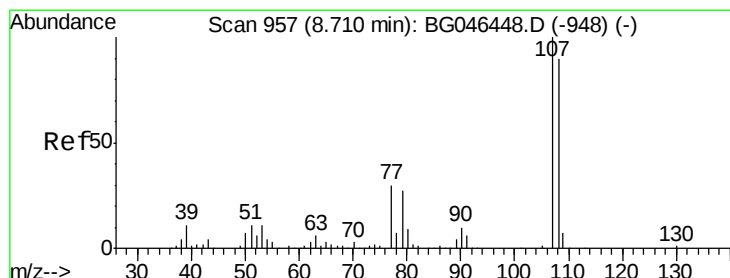
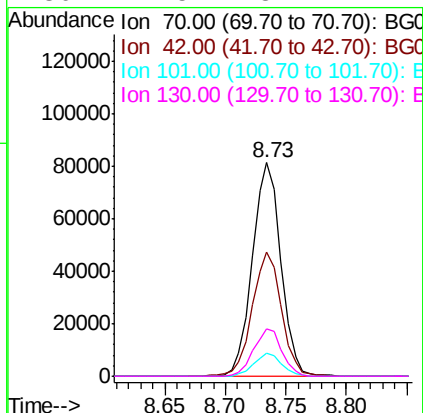




#19
n-Nitroso-di-n-propylamine
Concen: 37.751 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

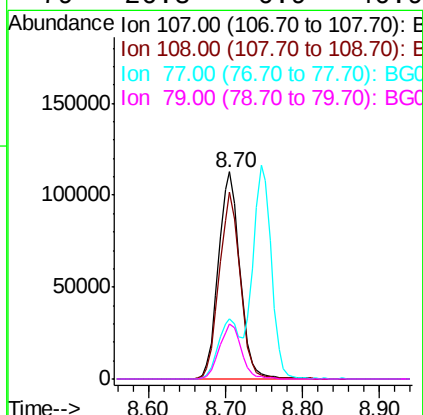
Instrument :
BNA_G
ClientSampleId :
PB131395BS

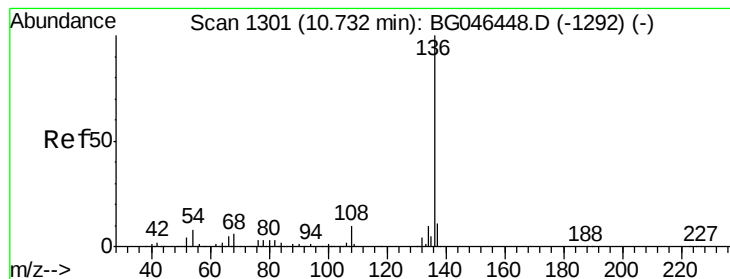
Tot Ion:	70	Resp:	133565
Ion	Ratio	Lower	Upper
70	100		
42	57.9	44.2	66.2
101	10.8	7.8	11.8
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.754 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:	107	Resp:	217336
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.7	109.7
77	29.4	9.7	49.7
79	26.8	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: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

Tot Ion:136 Resp: 296595

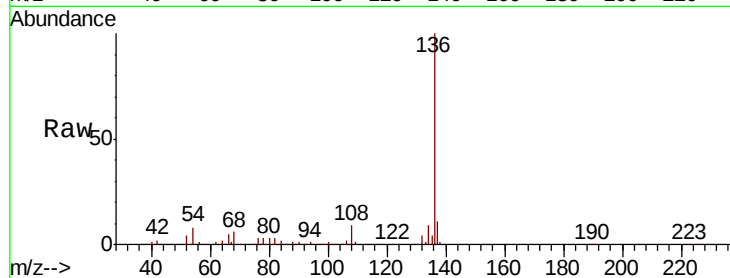
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 6.1 9.1

68 6.3 4.8 7.2

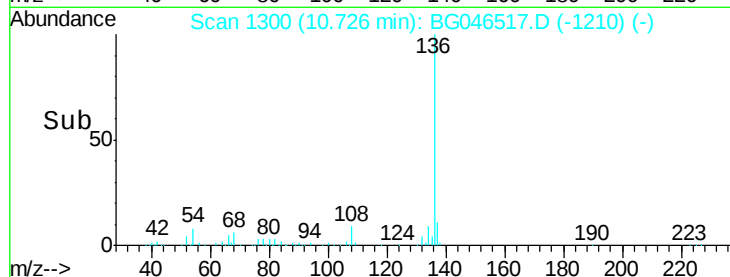


Abundance Ion 136.00 (135.70 to 136.70): E

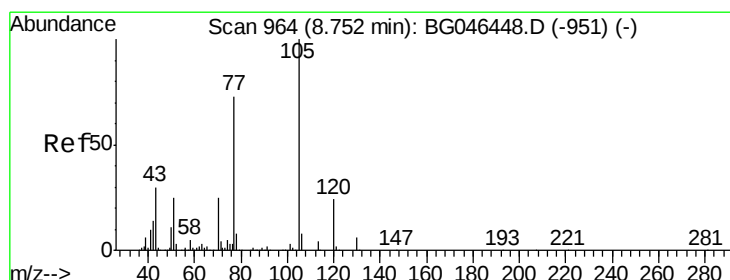
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 36.533 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:105 Resp: 263755

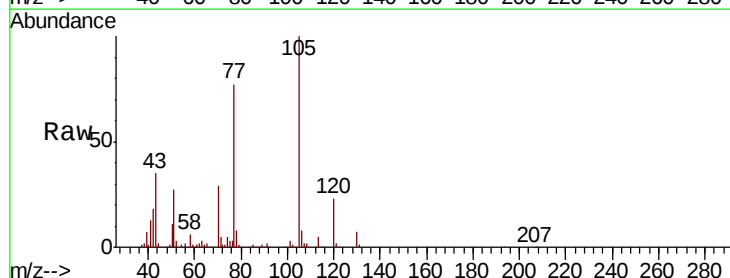
Ion Ratio Lower Upper

105 100

71 5.1 3.3 4.9#

51 27.3 20.6 31.0

120 23.5 19.0 28.6

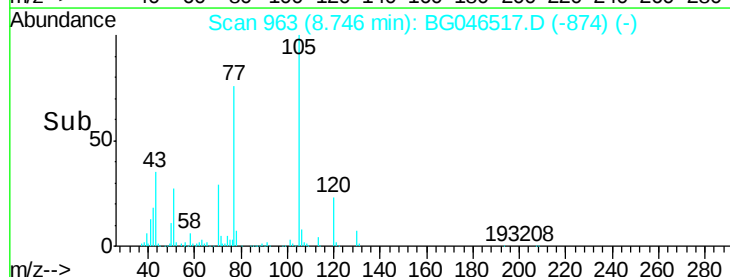


Abundance Ion 105.00 (104.70 to 105.70): E

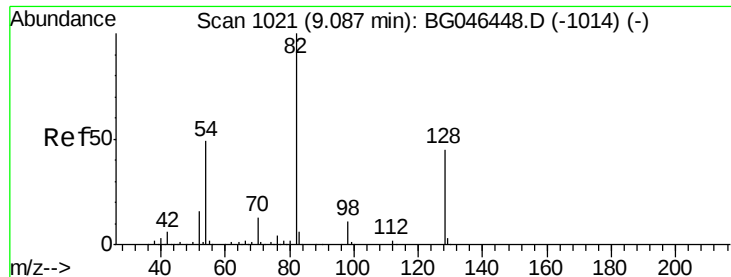
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 93.389 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

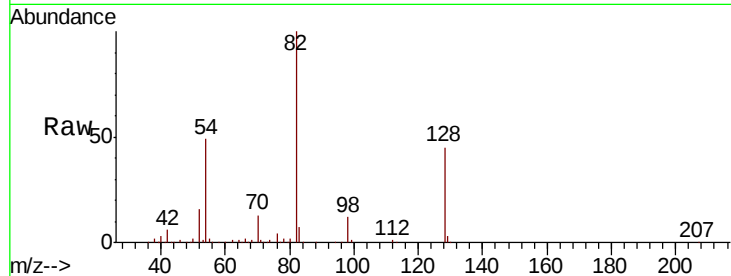
Tot Ion: 82 Resp: 484621

Ion Ratio Lower Upper

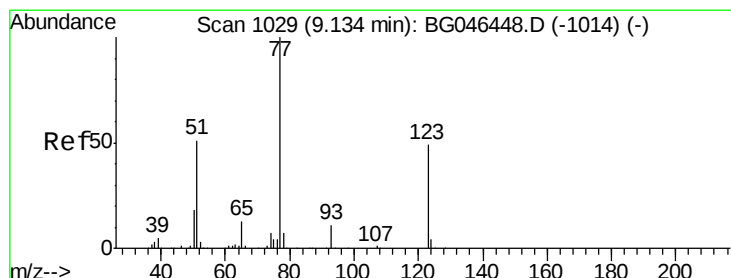
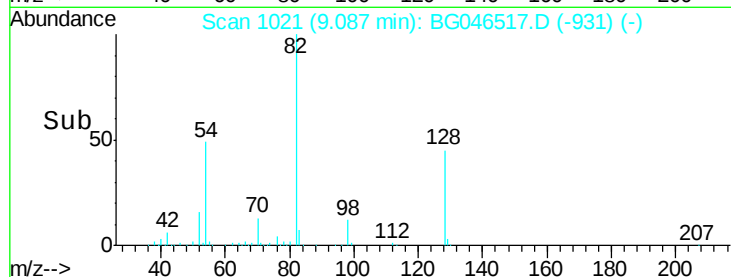
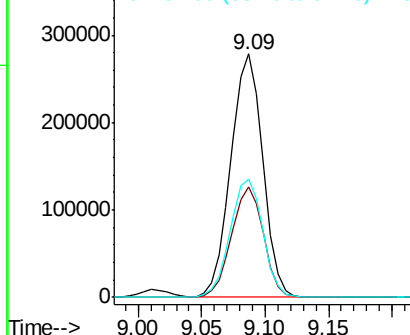
82 100

128 45.2 35.7 53.5

54 48.7 39.4 59.0



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



#24

Nitrobenzene

Concen: 37.848 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

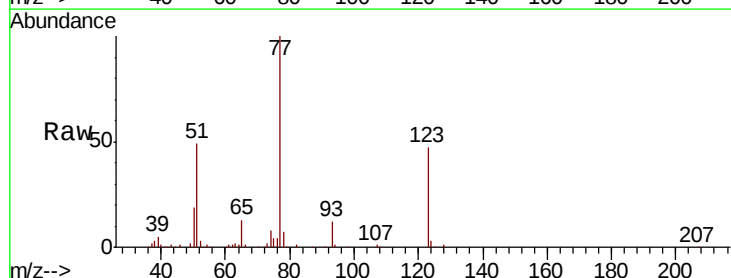
Tgt Ion: 77 Resp: 194034

Ion Ratio Lower Upper

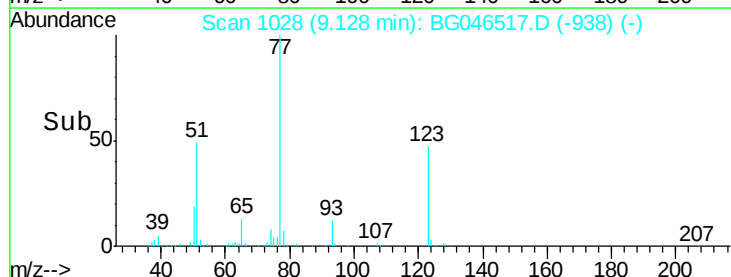
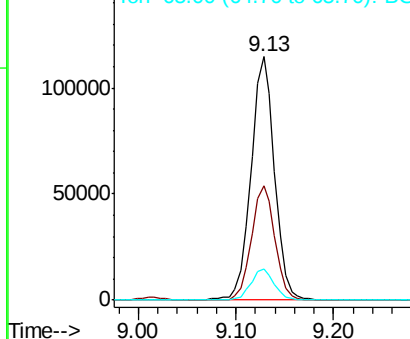
77 100

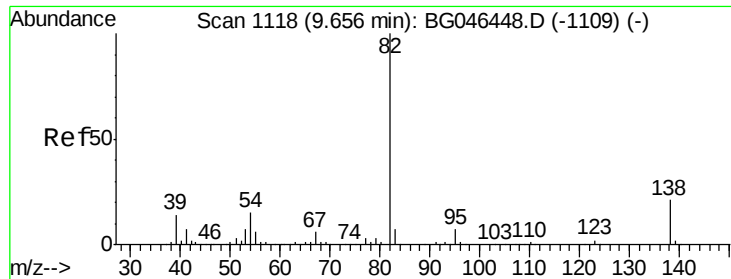
123 47.1 39.6 59.4

65 12.6 10.1 15.1



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





#25

Isophorone

Concen: 38.153 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

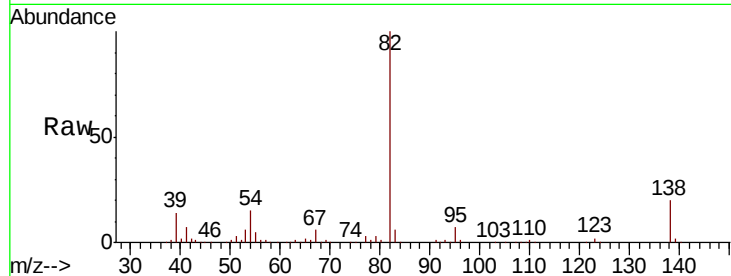
Tot Ion: 82 Resp: 362987

Ion Ratio Lower Upper

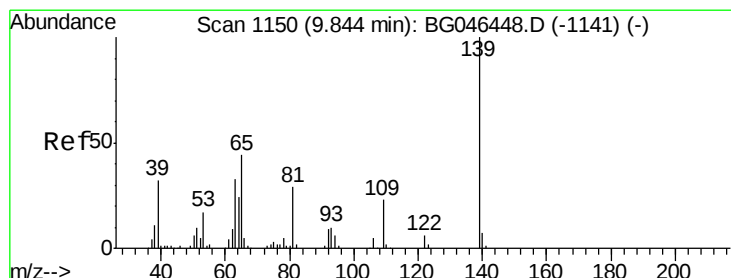
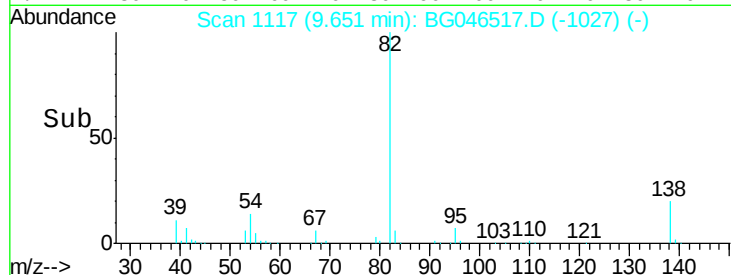
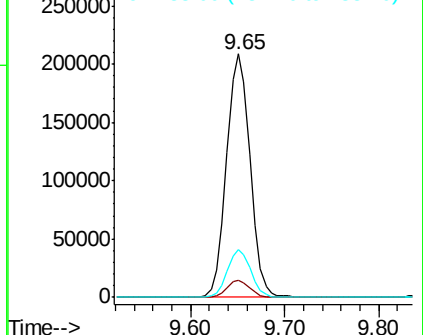
82 100

95 7.1 5.8 8.6

138 19.8 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.984 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

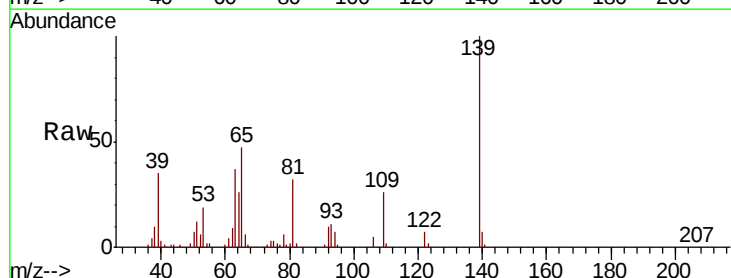
Tgt Ion: 139 Resp: 105448

Ion Ratio Lower Upper

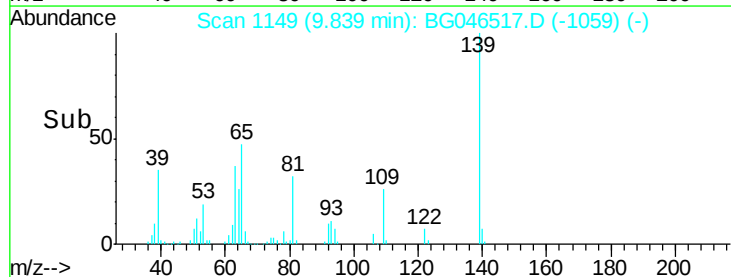
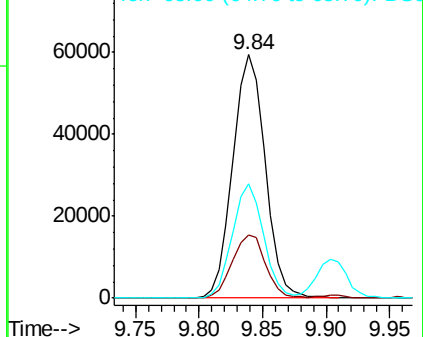
139 100

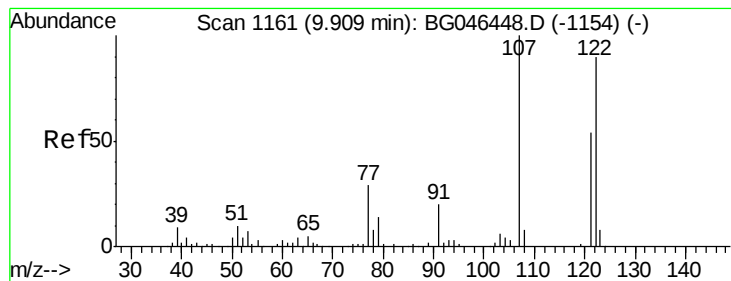
109 26.0 18.8 28.2

65 47.2 35.0 52.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 45.789 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

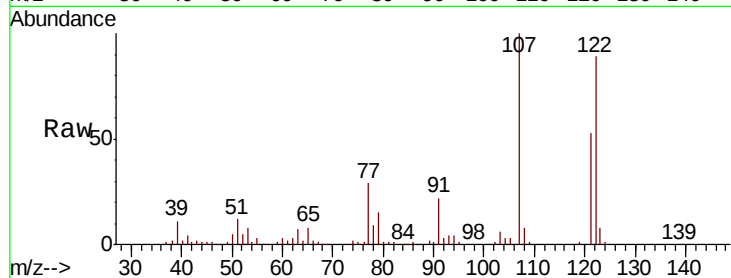
Tot Ion:122 Resp: 170347

Ion Ratio Lower Upper

122 100

107 112.6 88.2 132.2

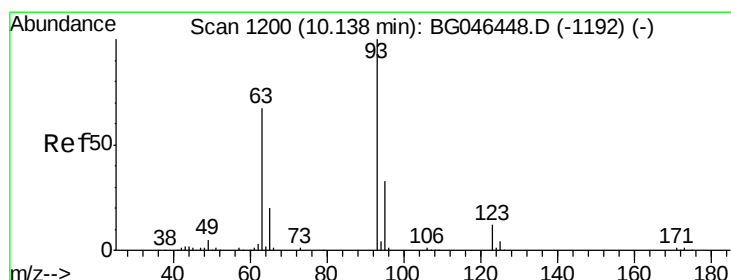
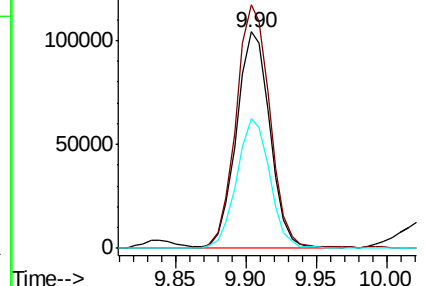
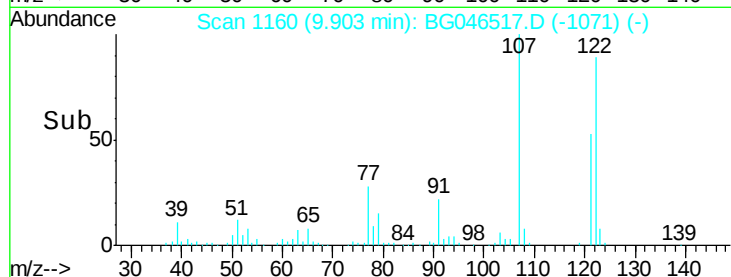
121 60.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.604 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

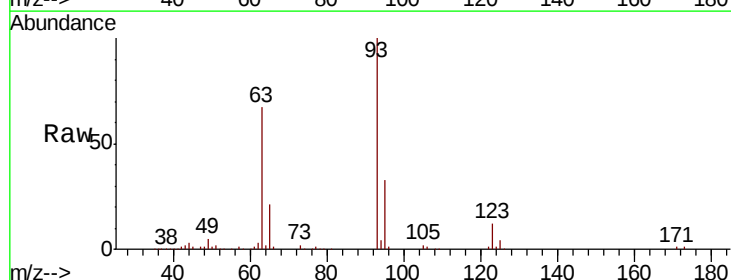
Tgt Ion: 93 Resp: 224151

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

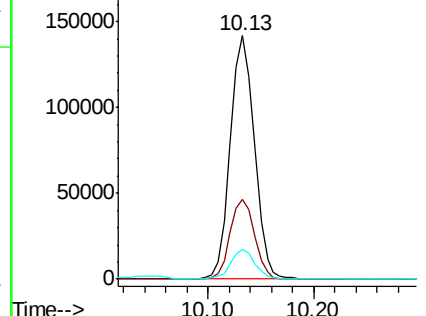
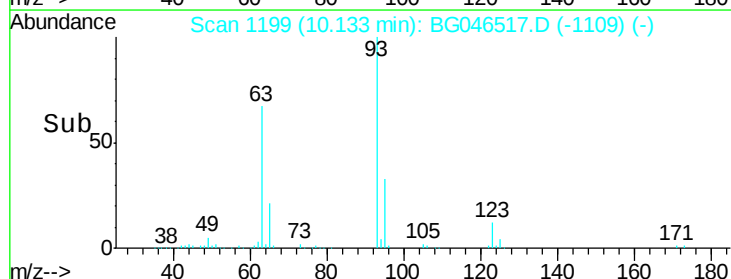
123 12.4 9.5 14.3

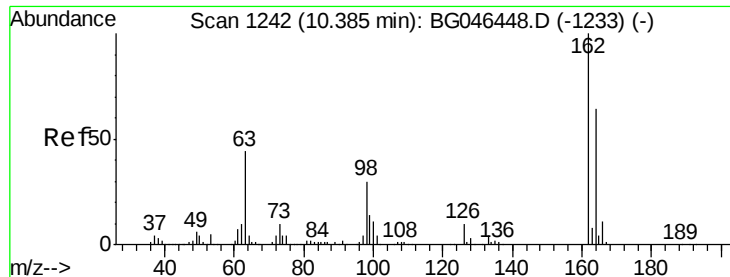


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

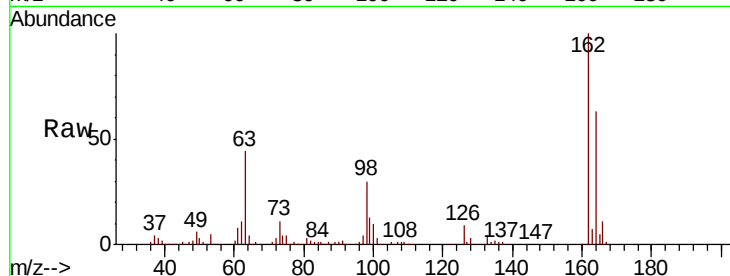




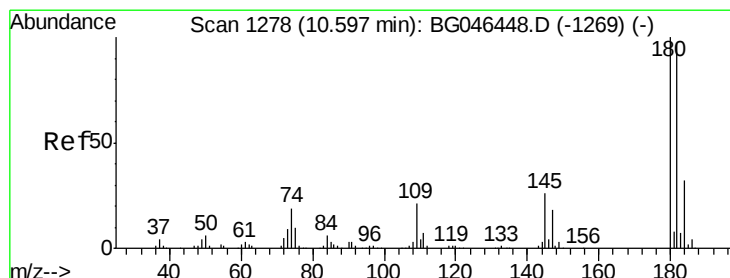
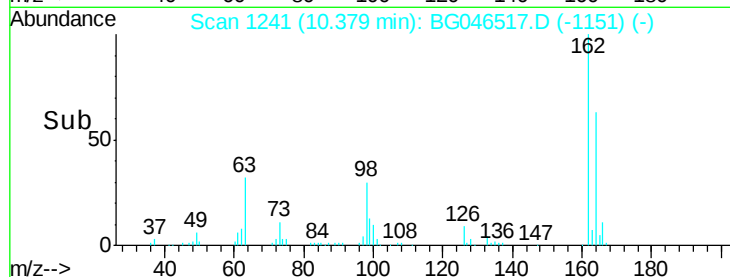
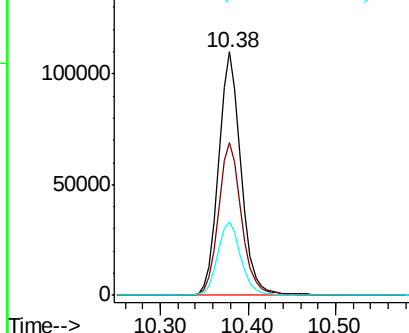
#29
 2,4-Dichlorophenol
 Concen: 39.564 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleID :
 PB131395BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.3	84.3
98	29.9	10.0	50.0

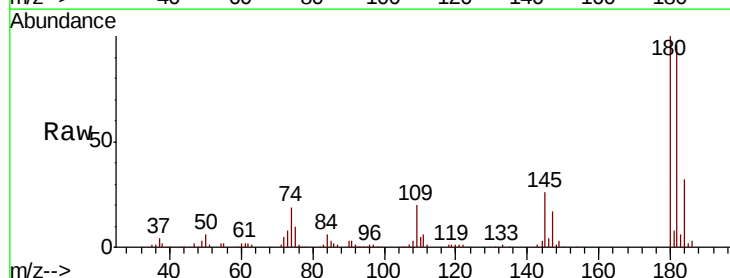


Abundance Ion 162.00 (161.70 to 162.70): E
 150000
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

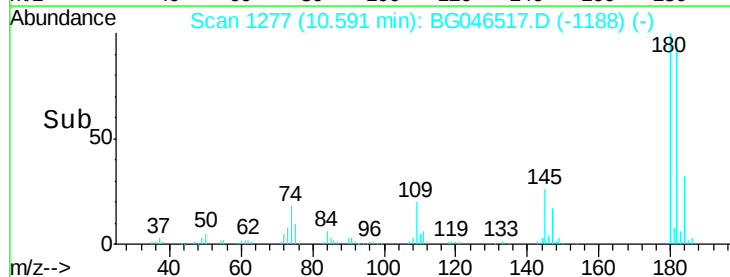
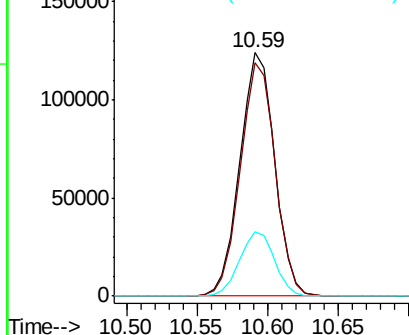


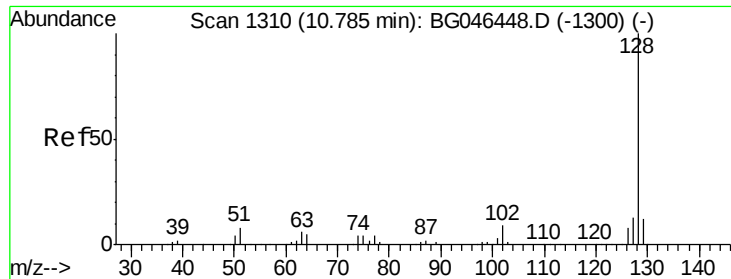
#30
 1,2,4-Trichlorobenzene
 Concen: 36.372 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.8	116.8
145	26.3	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 150000
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

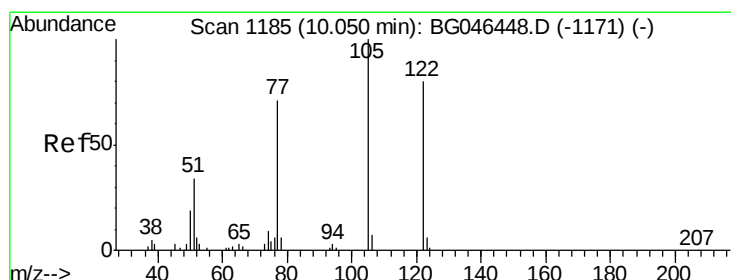
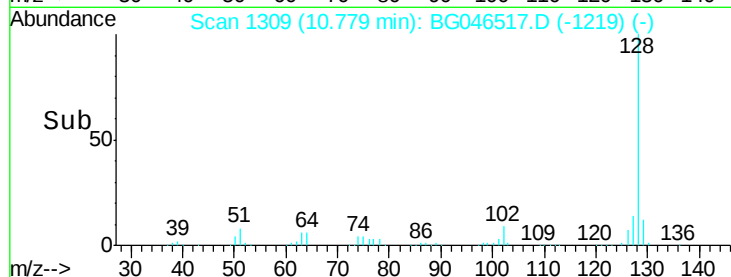
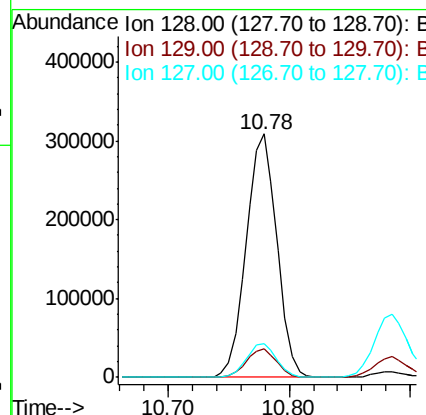
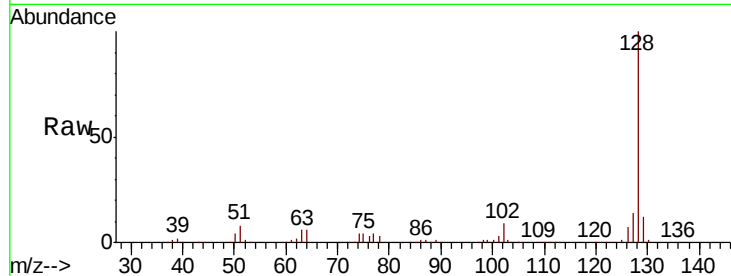




#31
Naphthalene
Concen: 37.614 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

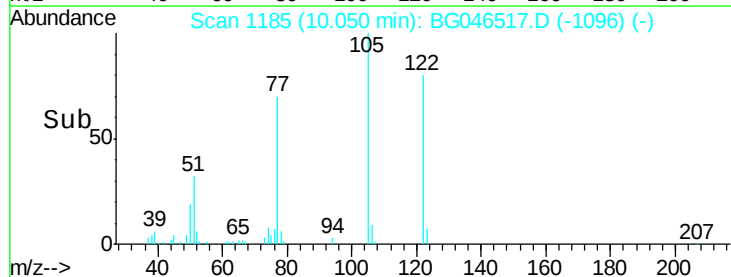
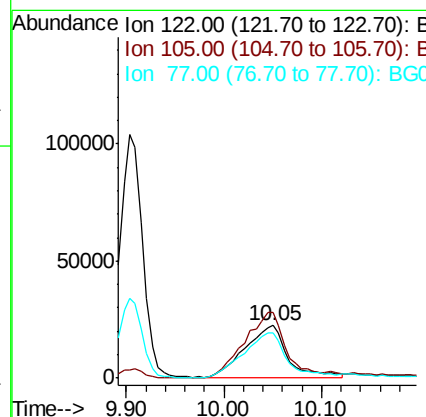
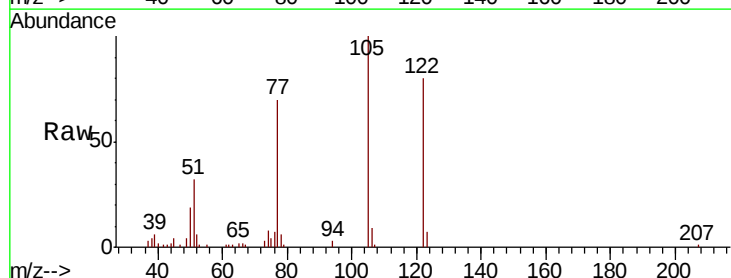
Instrument :
BNA_G
ClientSampleId :
PB131395BS

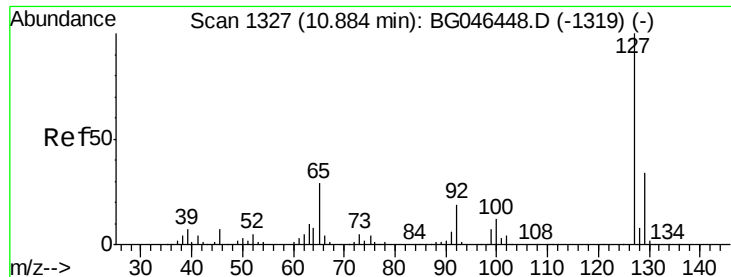
Tot Ion:128 Resp: 544717
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 28.923 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:122 Resp: 66674
Ion Ratio Lower Upper
122 100
105 124.3 102.5 142.5
77 86.9 68.2 108.2

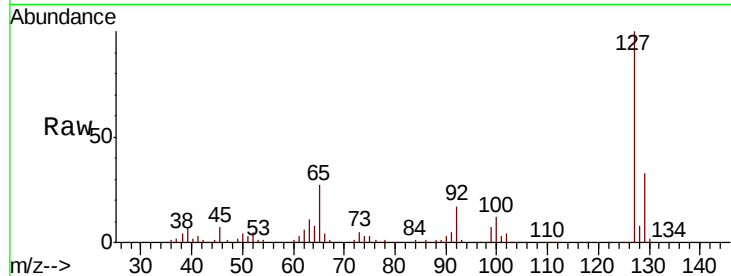




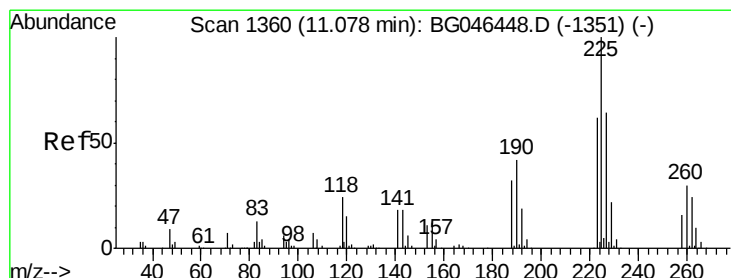
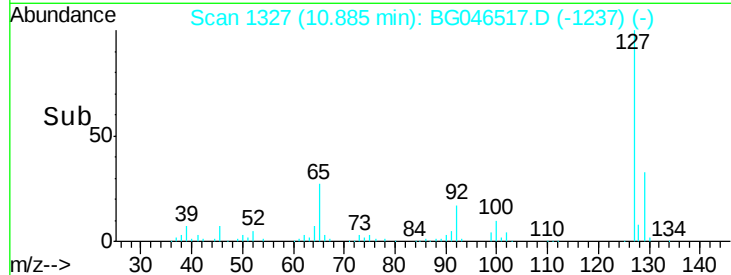
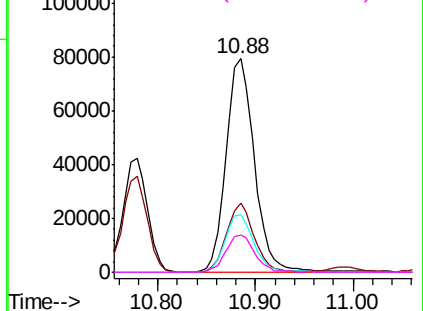
#33
4-Chloroaniline
Concen: 25.109 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:127	Resp:	160343
Ion	Ratio	Lower Upper
127	100	
129	32.7	27.0 40.4
65	26.9	23.5 35.3
92	17.2	14.9 22.3

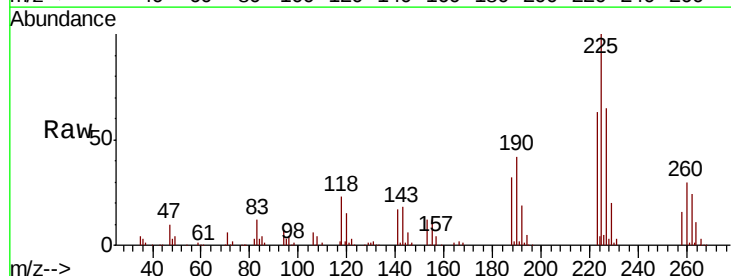


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

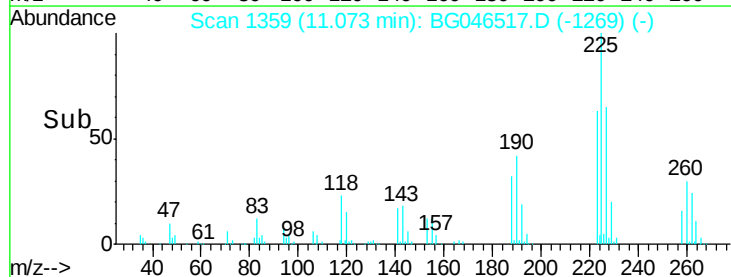
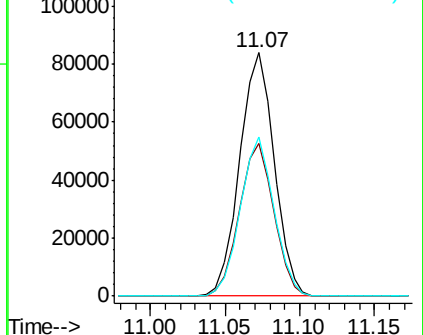


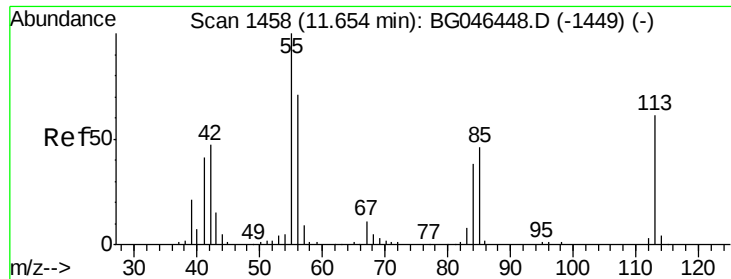
#34
Hexachlorobutadiene
Concen: 35.341 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:225	Resp:	135000
Ion	Ratio	Lower Upper
225	100	
223	62.7	49.9 74.9
227	65.2	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: 20.619 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

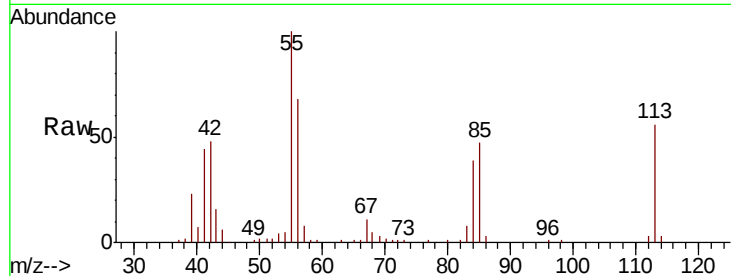
Tot Ion:113 Resp: 38225

Ion Ratio Lower Upper

113 100

55 179.1 144.2 184.2

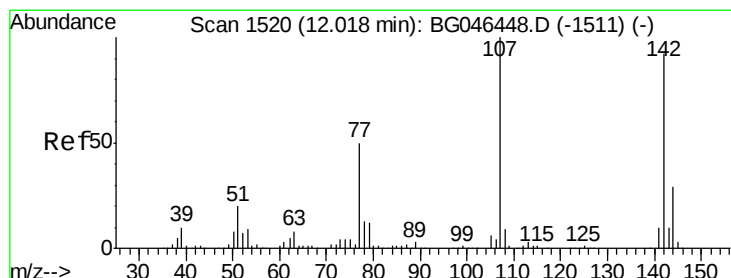
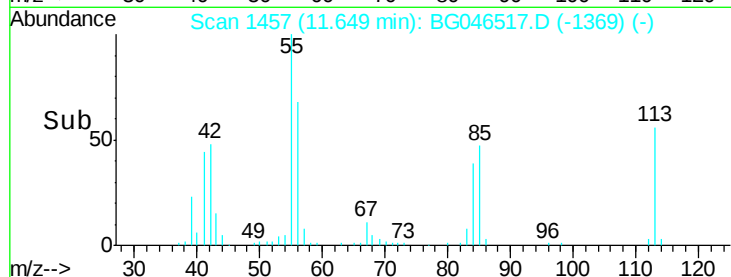
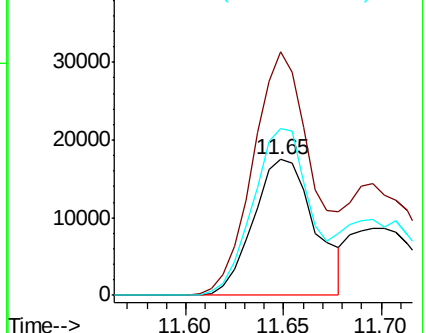
56 122.4 97.0 137.0



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: 38.221 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

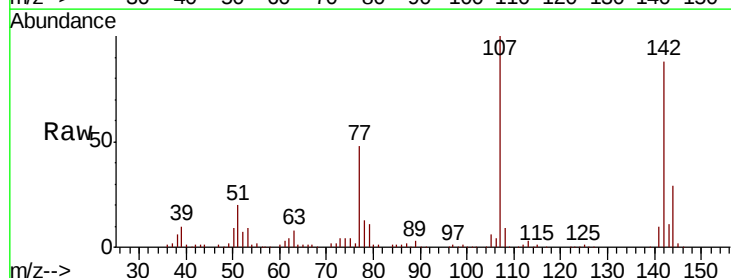
Tgt Ion:107 Resp: 185395

Ion Ratio Lower Upper

107 100

144 28.7 23.3 34.9

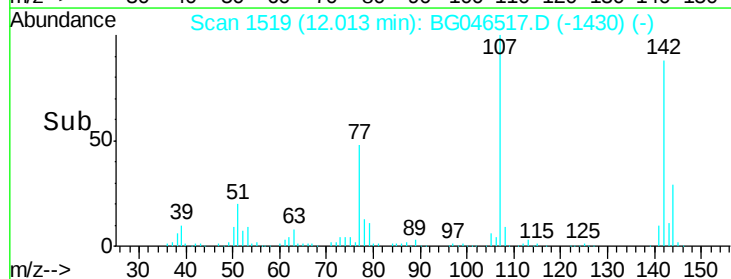
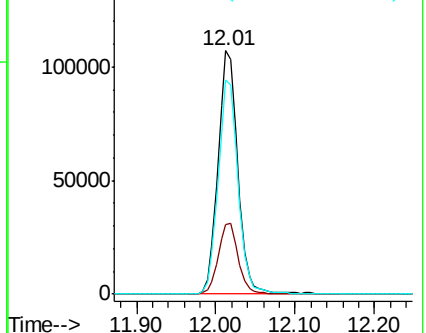
142 88.1 73.7 110.5

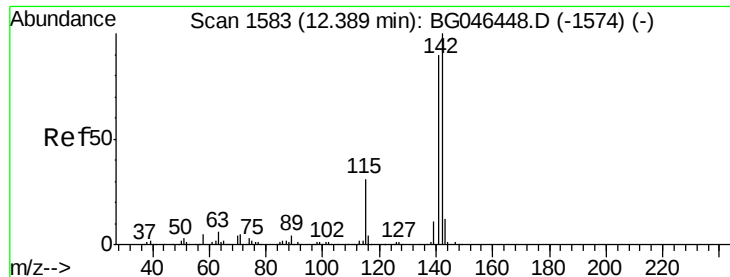


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

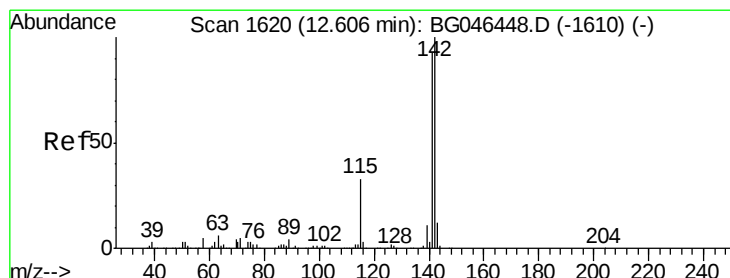
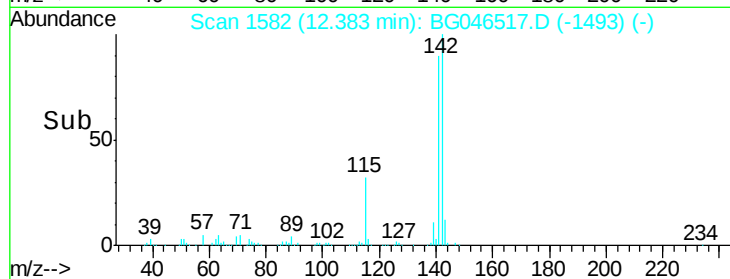
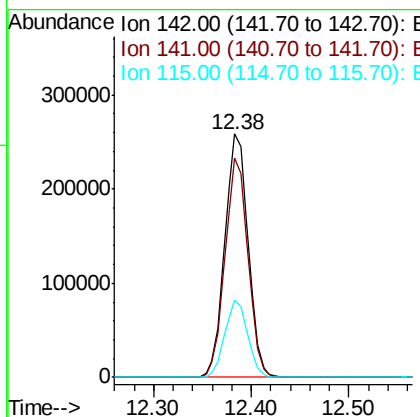
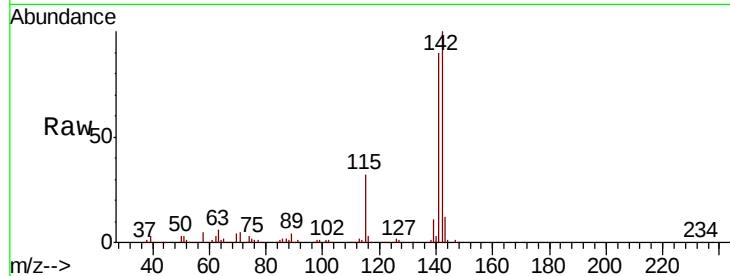




#37
2-Methylnaphthalene
Concen: 37.551 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

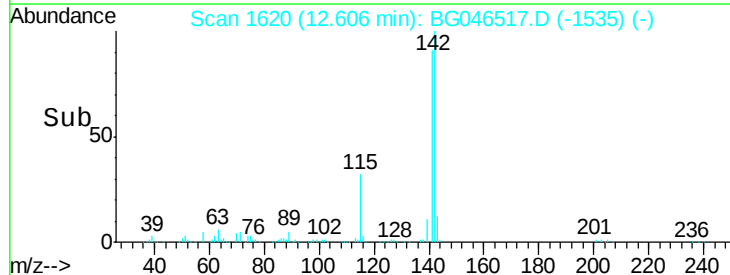
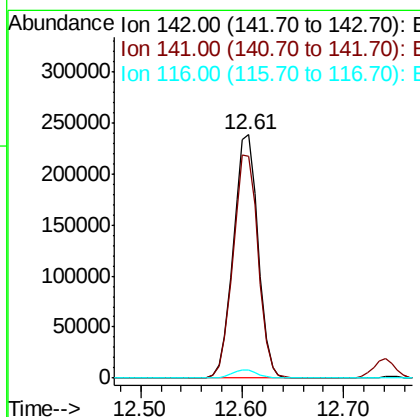
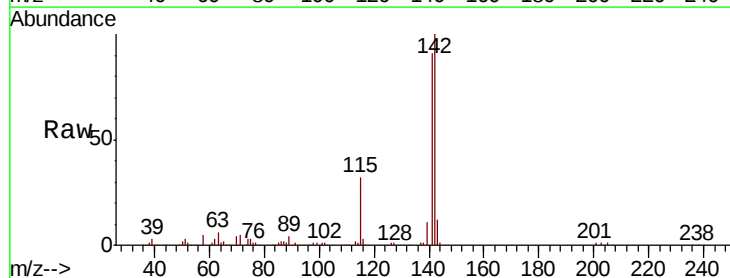
Instrument :
BNA_G
ClientSampleId :
PB131395BS

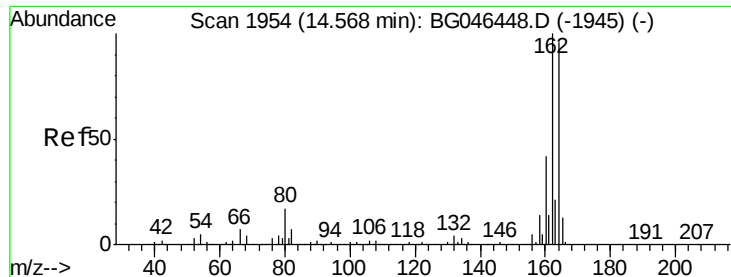
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1
115	31.6	24.9	37.3



#38
1-Methylnaphthalene
Concen: 37.085 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.7	112.1
116	3.2	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

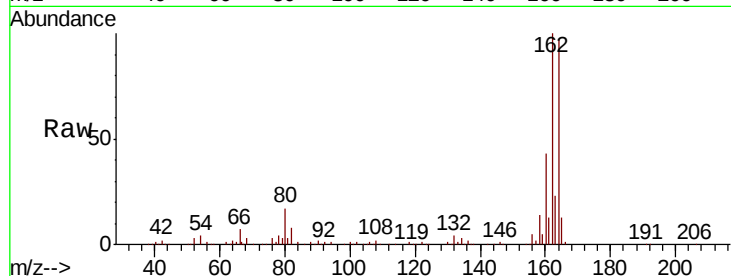
Tot Ion:164 Resp: 199121

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

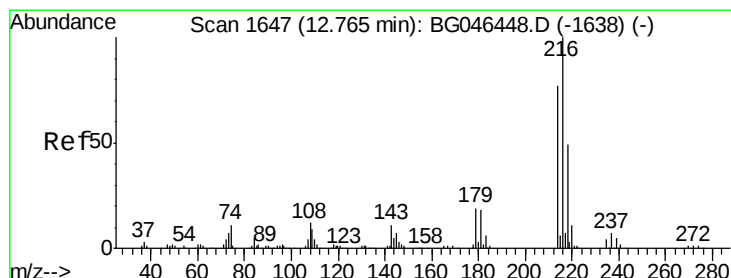
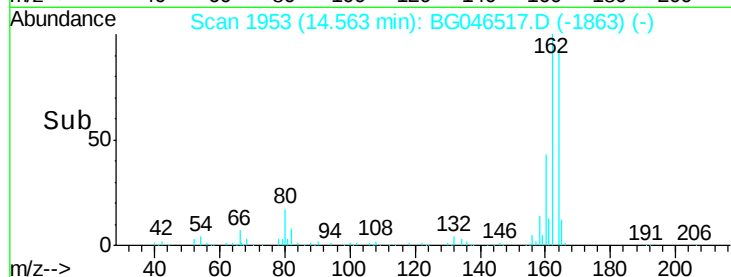
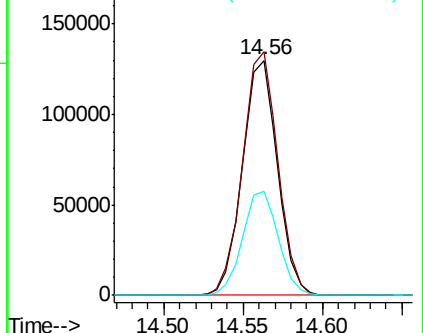
160 44.4 35.0 52.6



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: 38.276 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:216 Resp: 251329

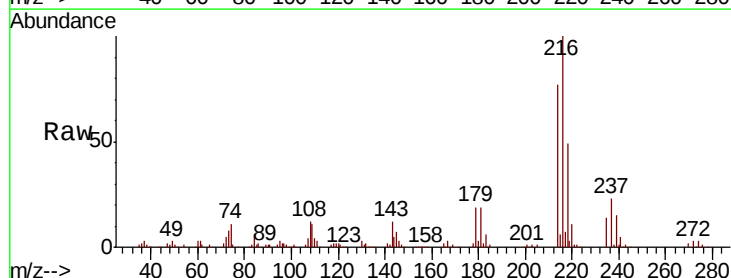
Ion Ratio Lower Upper

216 100

214 76.7 62.1 93.1

179 18.5 14.9 22.3

108 14.8 10.5 15.7

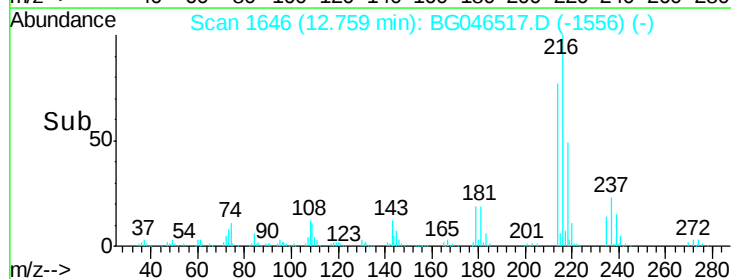
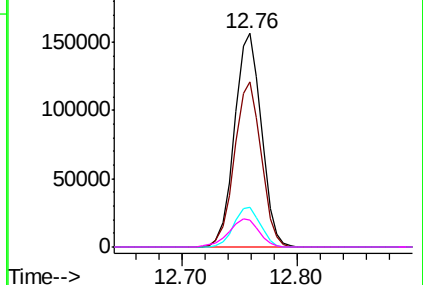


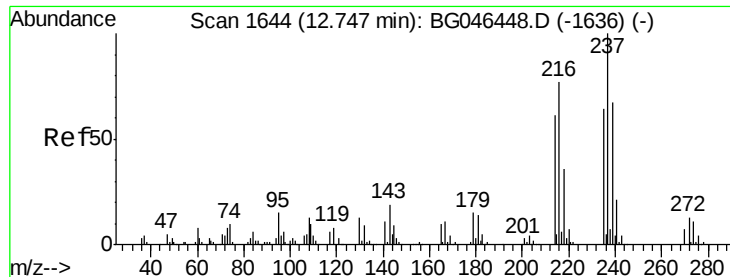
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.727 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

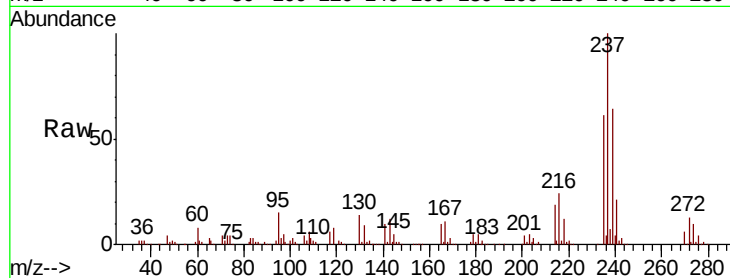
BNA_G

ClientSampleId :

PB131395BS

Tot Ion:237 Resp: 284737

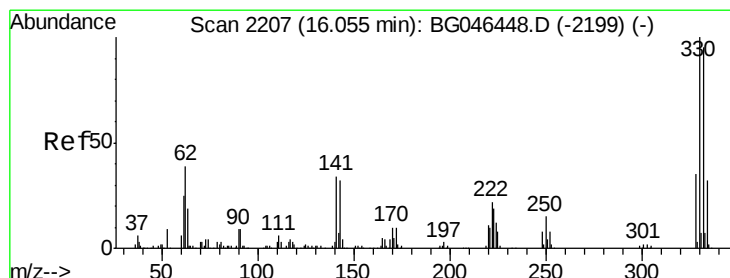
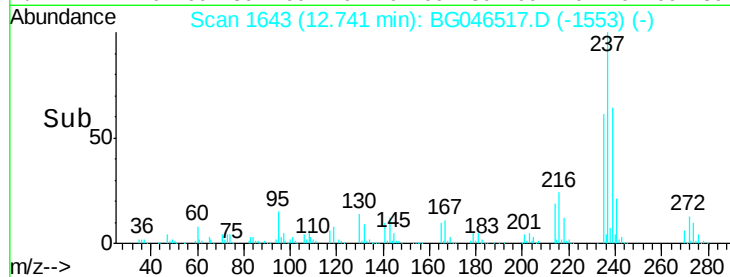
Ion	Ratio	Lower	Upper
237	100		
235	60.8	44.5	84.5
272	12.6	0.0	32.8



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: 91.906 ng

RT: 16.05 min Scan# 2206

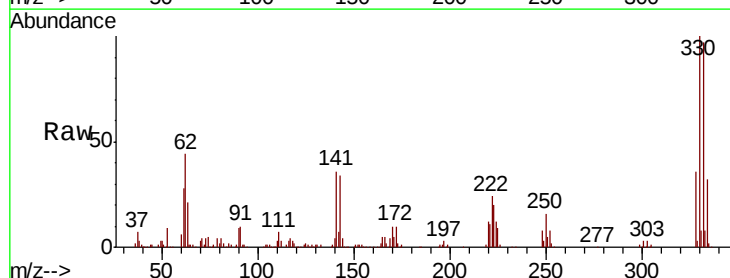
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:330 Resp: 247958

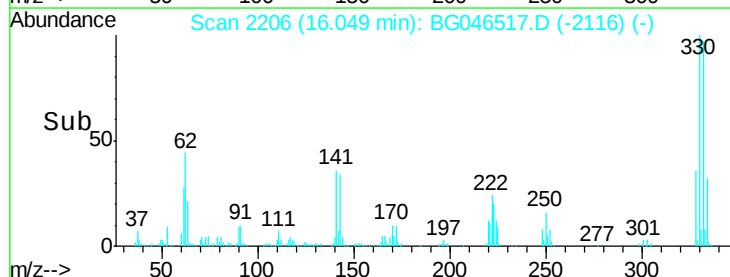
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.1	114.1
141	33.8	26.1	39.1

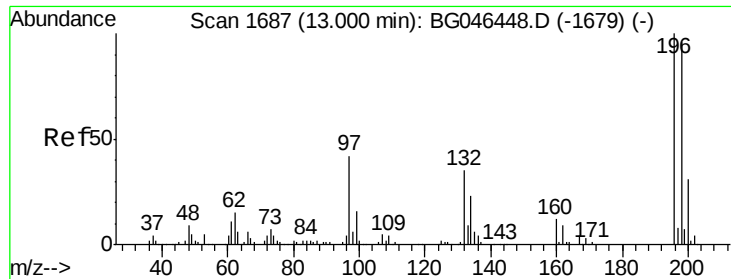


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

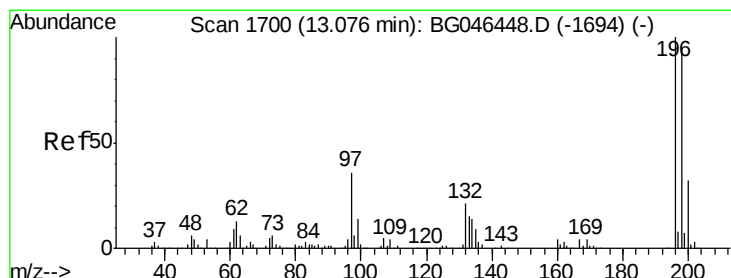
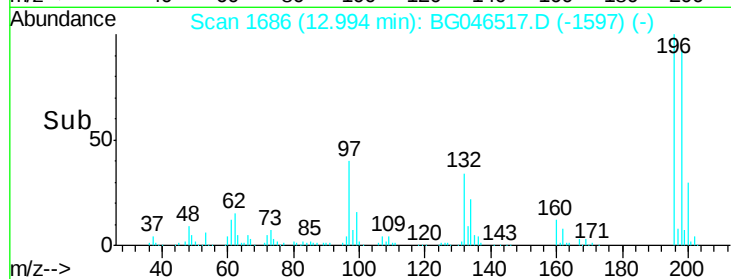
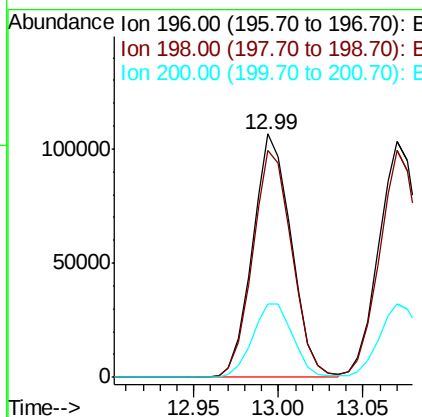
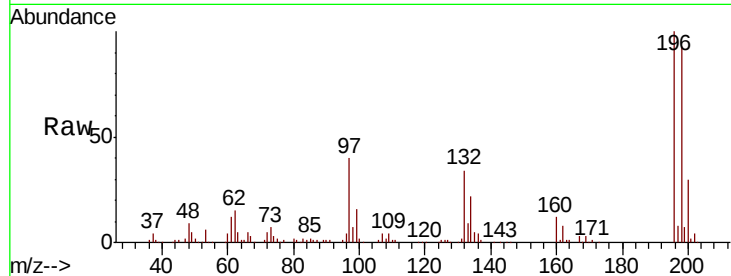




#43
 2,4,6-Trichlorophenol
 Concen: 38.175 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

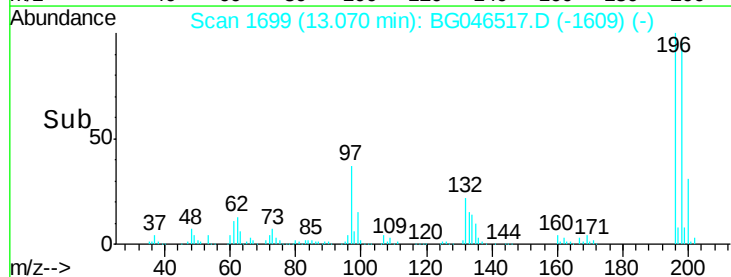
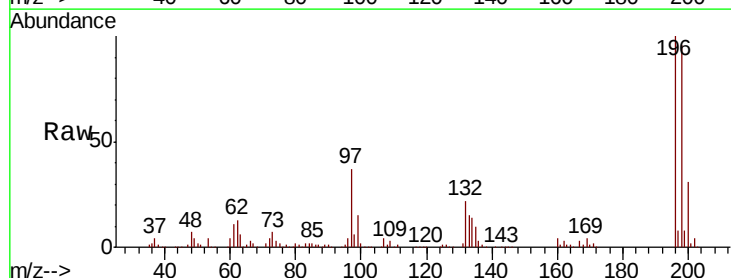
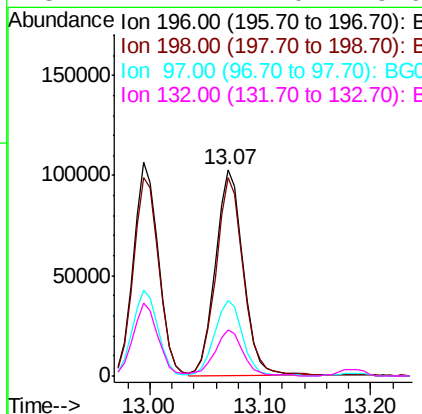
Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

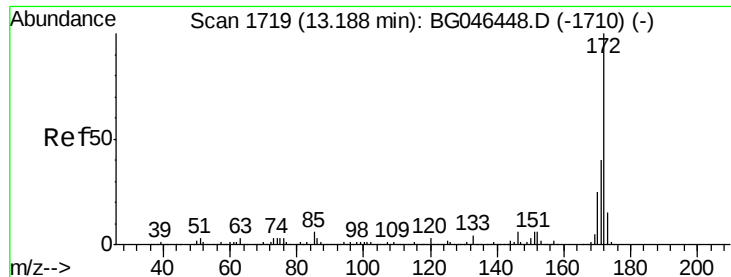
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.0	115.6
200	30.2	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.413 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.6	113.4
97	36.5	28.6	43.0
132	22.1	17.0	25.6

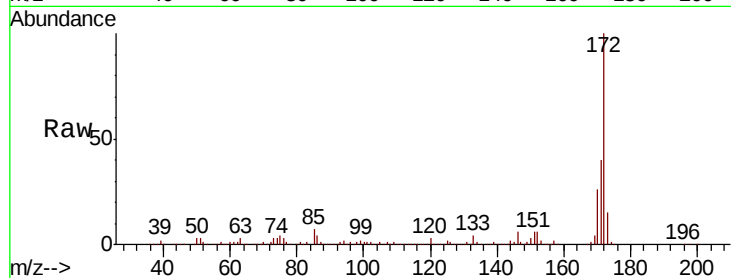




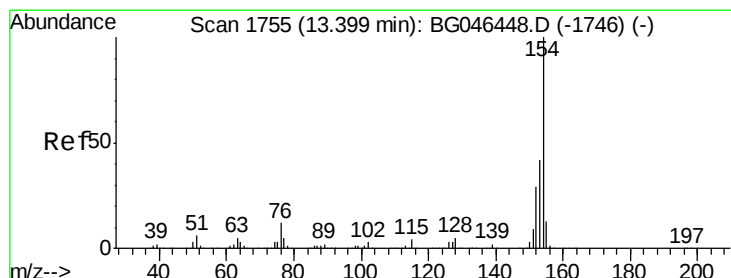
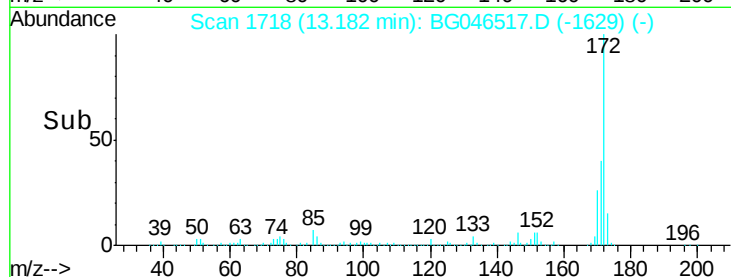
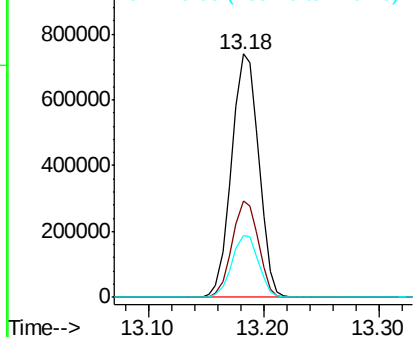
#45
 2-Fluorobiphenyl
 Concen: 92.153 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion:172 Resp: 1202019
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.8 47.6
 170 25.6 20.3 30.5

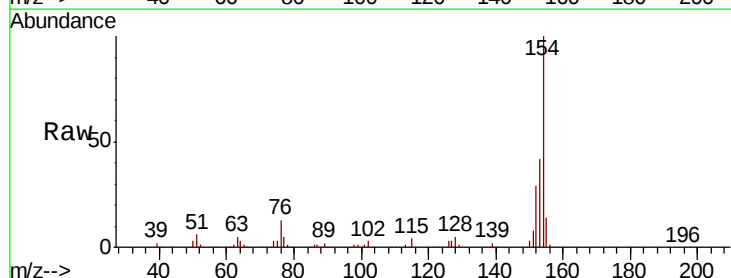


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

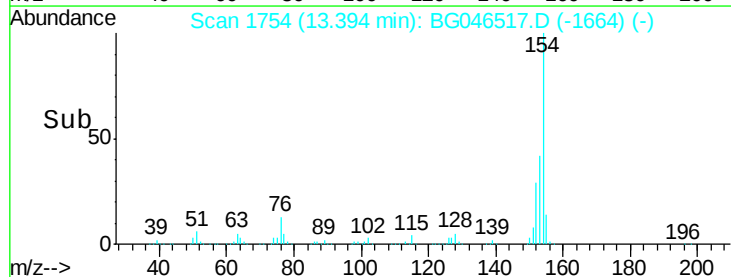
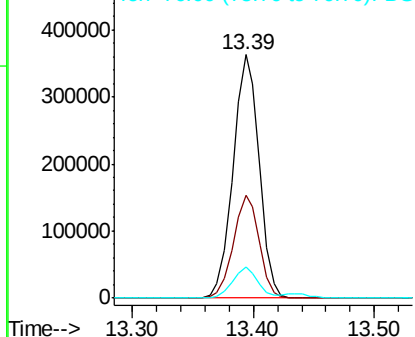


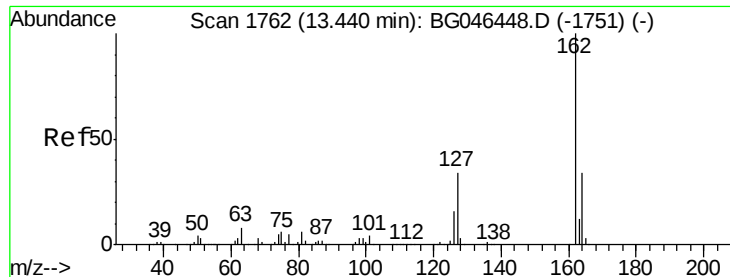
#46
 1,1'-Biphenyl
 Concen: 39.145 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion:154 Resp: 542302
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.0 62.0
 76 12.7 0.0 32.3



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

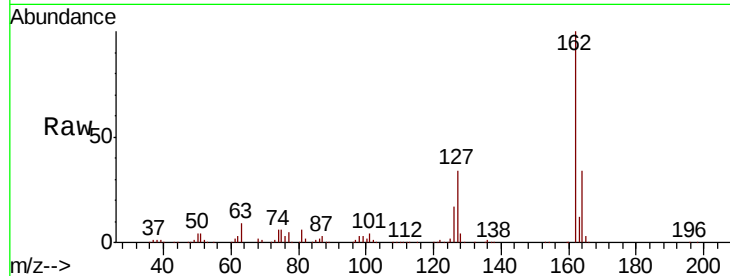




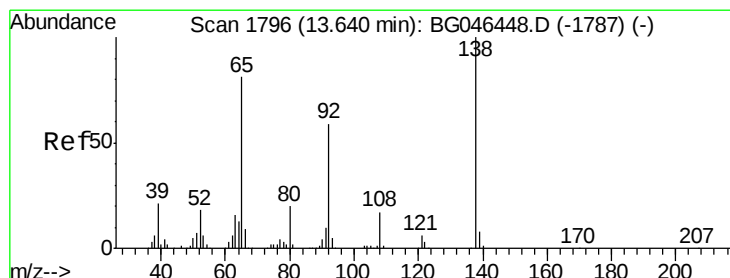
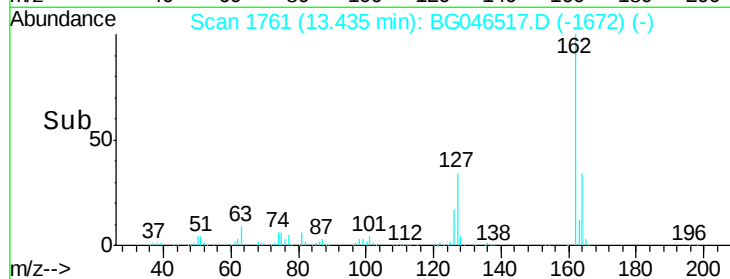
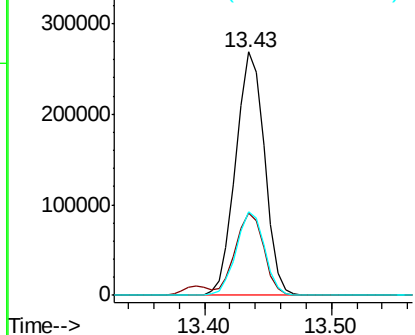
#47
2-Chloronaphthalene
Concen: 35.949 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	27.6	41.4
164	34.1	27.3	40.9

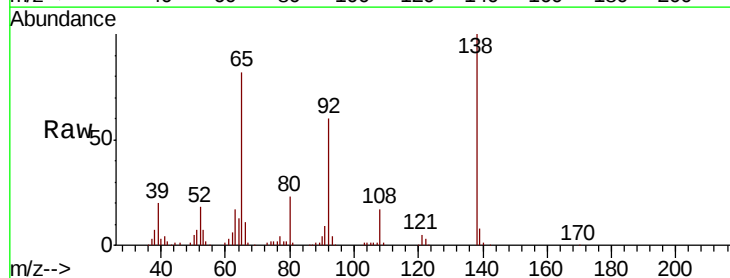


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

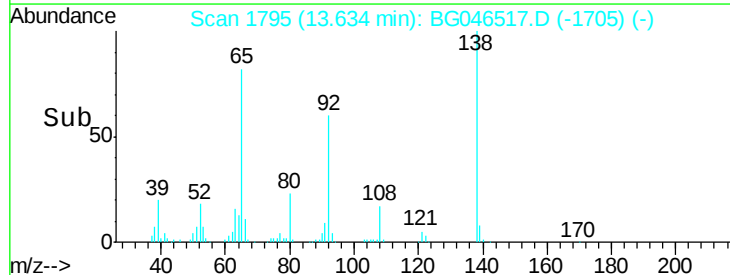
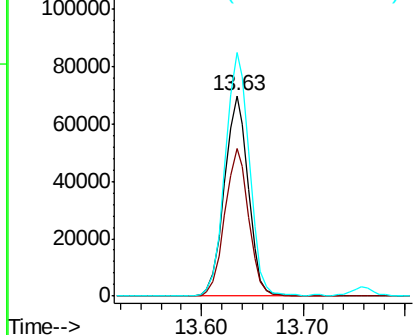


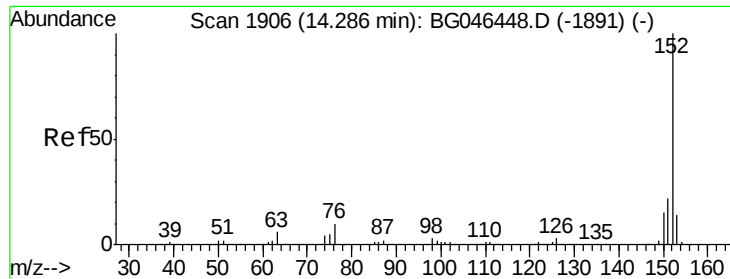
#48
2-Nitroaniline
Concen: 35.066 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.5	87.7
138	121.5	98.4	147.6



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





#49

Acenaphthylene

Concen: 38.290 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

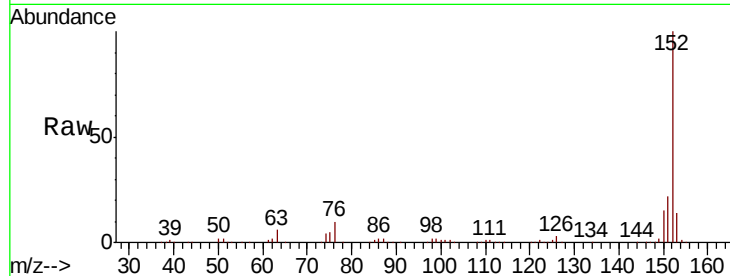
Tot Ion:152 Resp: 682249

Ion Ratio Lower Upper

152 100

151 22.1 17.7 26.5

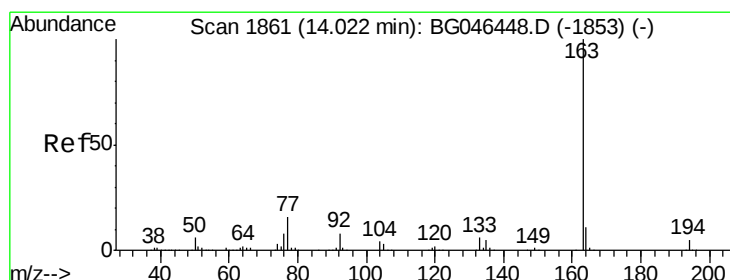
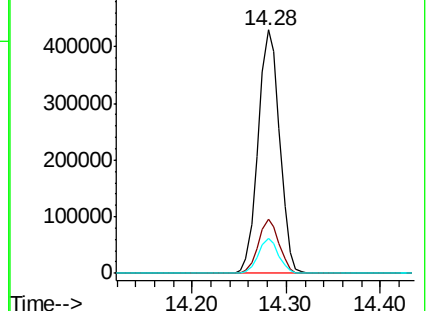
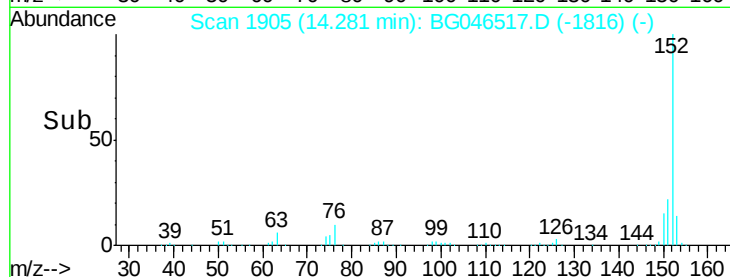
153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.400 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

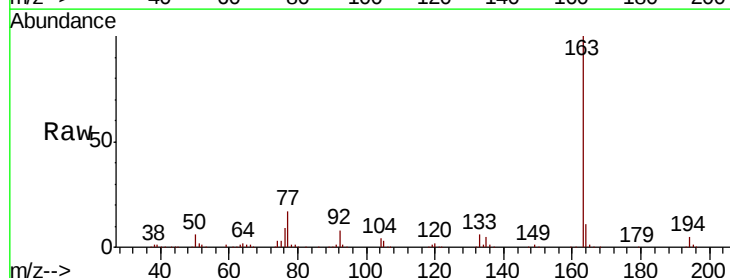
Tgt Ion:163 Resp: 545340

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

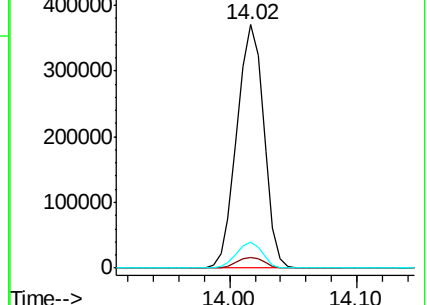
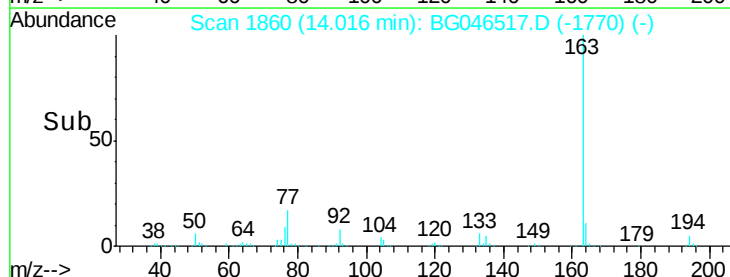
164 10.8 8.6 12.8

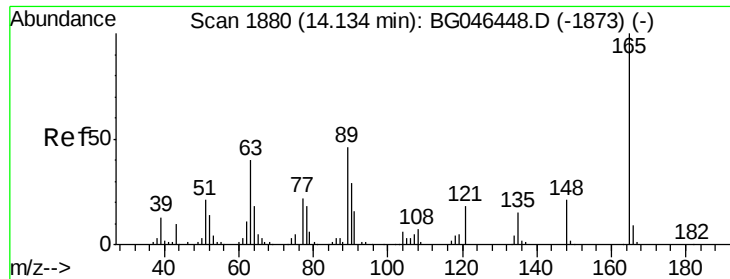


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

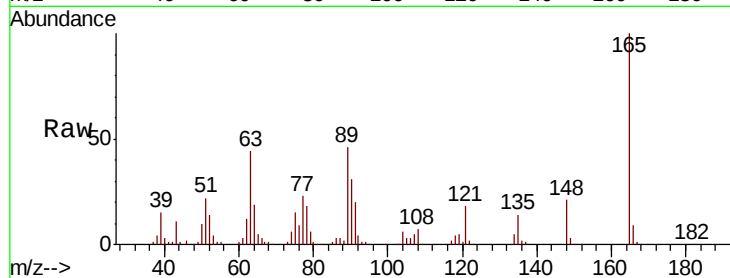




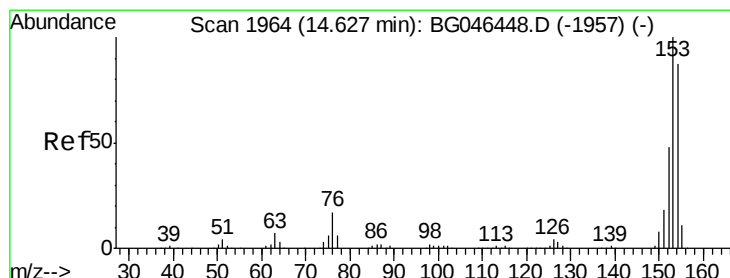
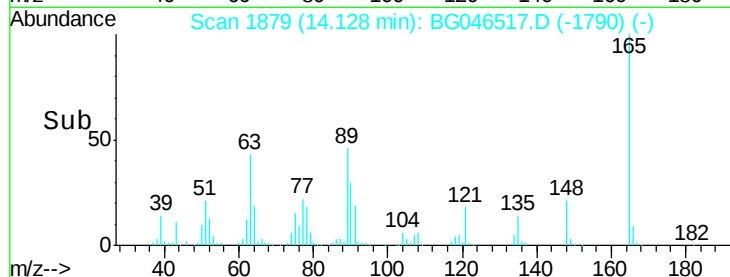
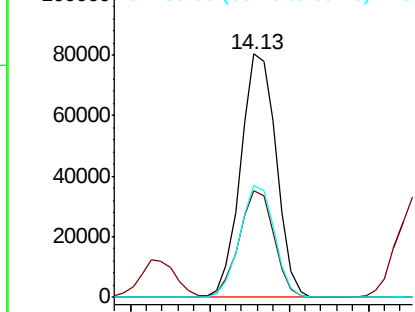
#51
 2,6-Dinitrotoluene
 Concen: 36.851 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	34.2	51.4
89	45.7	37.0	55.4

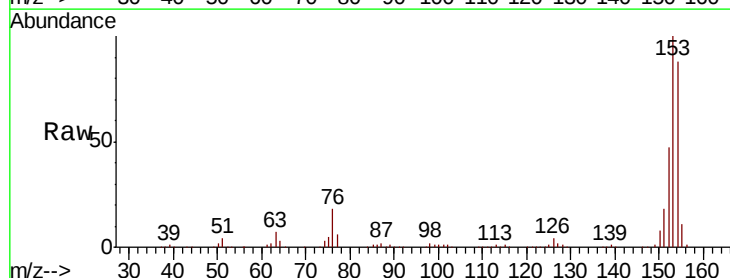


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

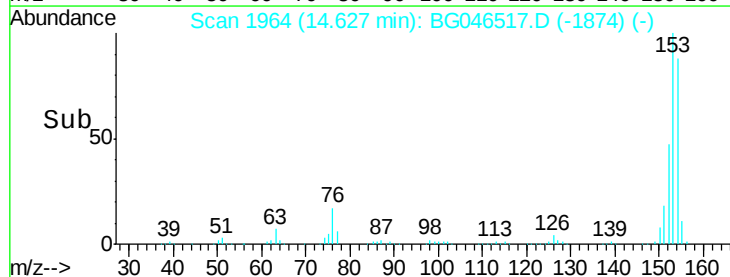
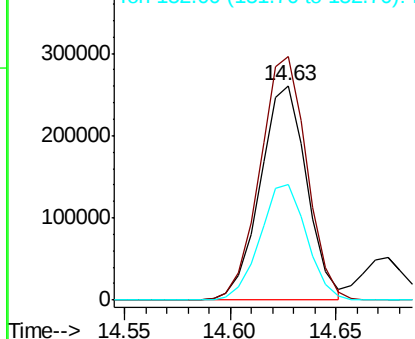


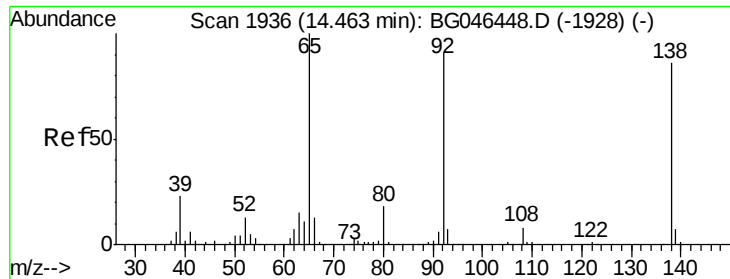
#52
 Acenaphthene
 Concen: 36.180 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.9	137.9
152	53.7	43.8	65.6



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





#53

3-Nitroaniline

Concen: 25.005 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

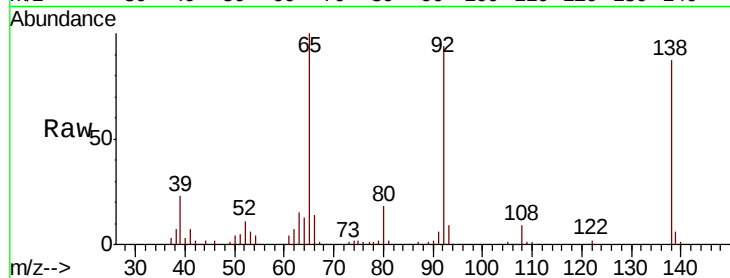
Tot Ion:138 Resp: 91977

Ion Ratio Lower Upper

138 100

108 10.0 7.0 10.6

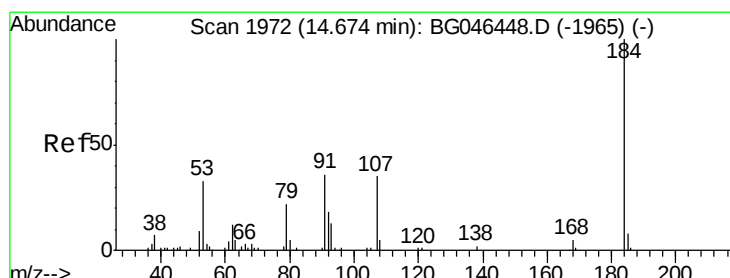
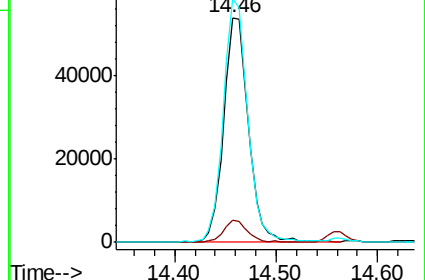
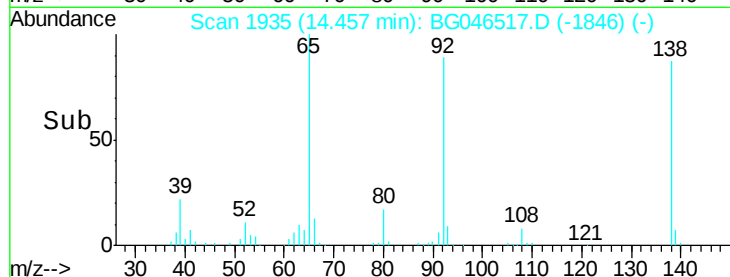
92 108.5 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.811 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

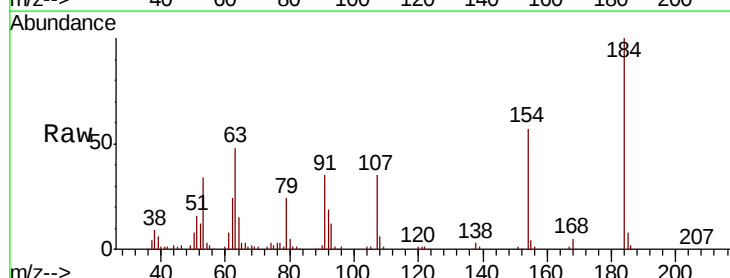
Tgt Ion:184 Resp: 152251

Ion Ratio Lower Upper

184 100

63 48.0 35.6 53.4

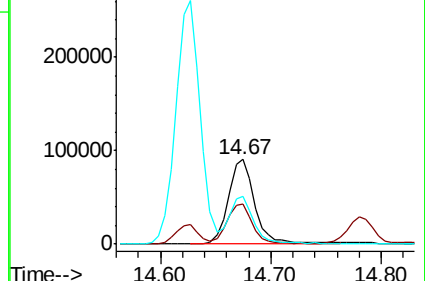
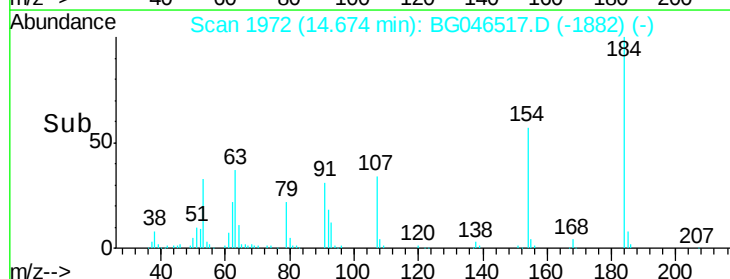
154 57.3 44.3 66.5

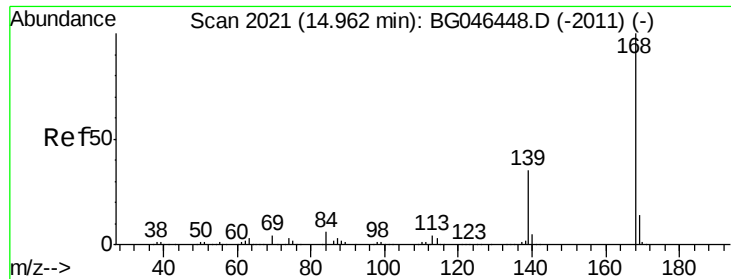


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

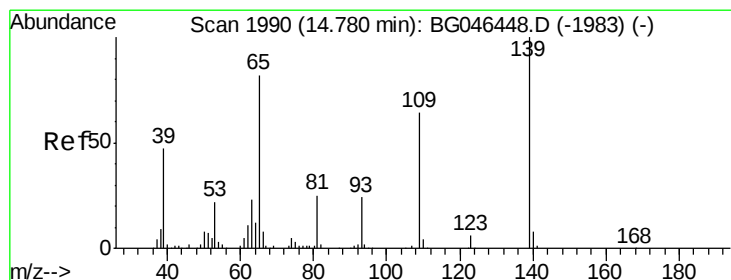
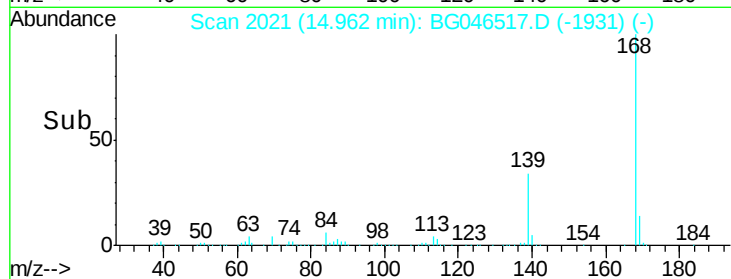
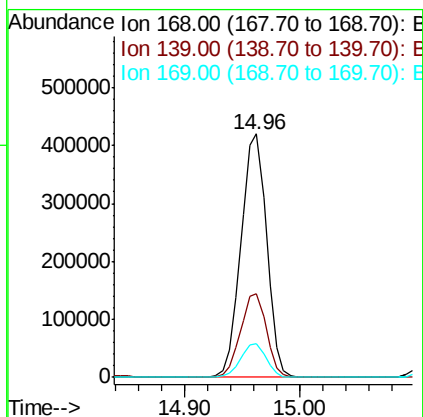
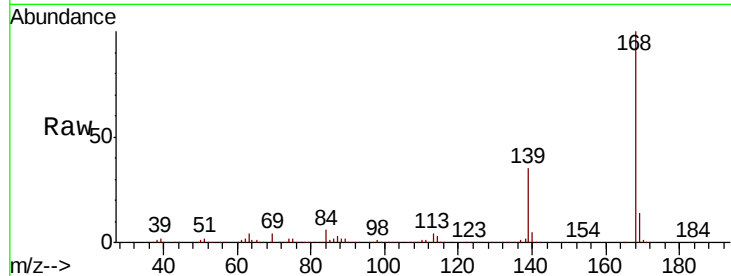




#55
Dibenzenofuran
Concen: 36.621 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

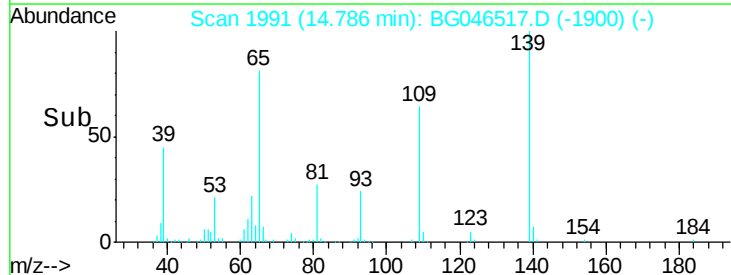
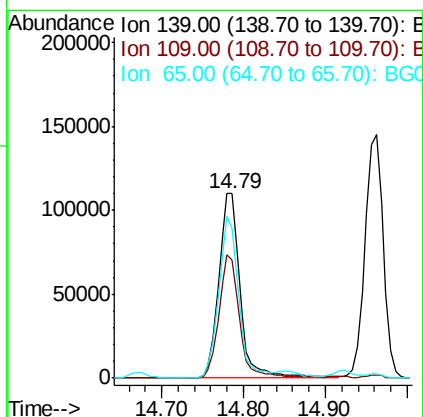
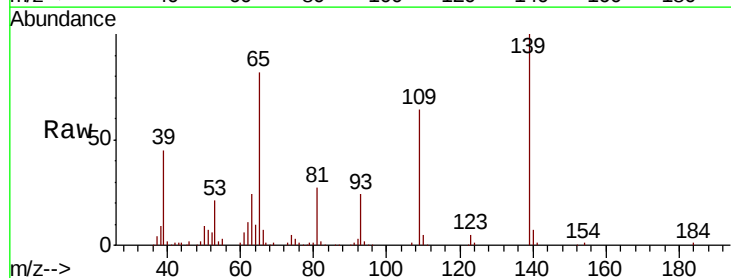
Instrument :
BNA_G
ClientSampled :
PB131395BS

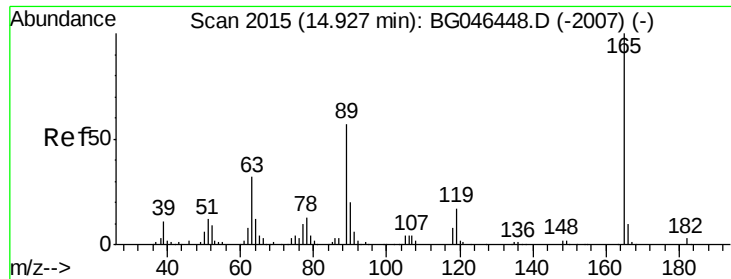
Tot Ion:168 Resp: 648899
Ion Ratio Lower Upper
168 100
139 34.6 28.1 42.1
169 13.7 11.5 17.3



#56
4-Nitrophenol
Concen: 74.260 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:139 Resp: 201029
Ion Ratio Lower Upper
139 100
109 64.3 44.3 84.3
65 81.6 61.5 101.5

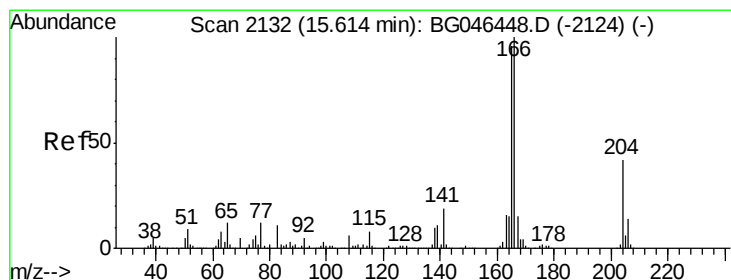
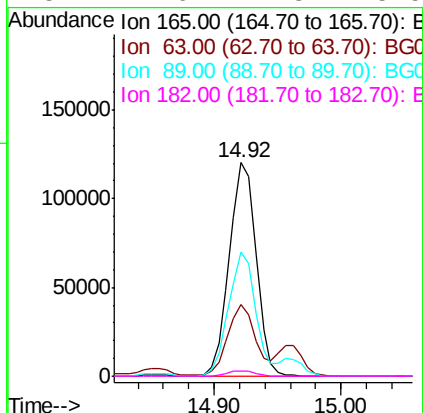
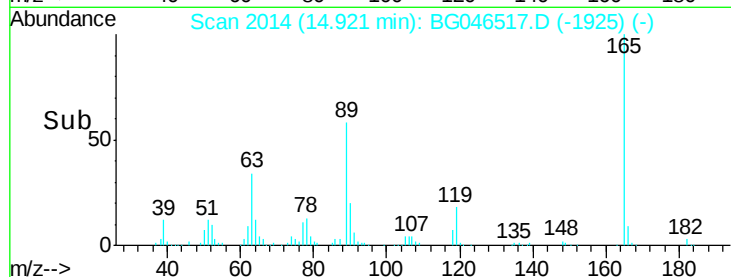
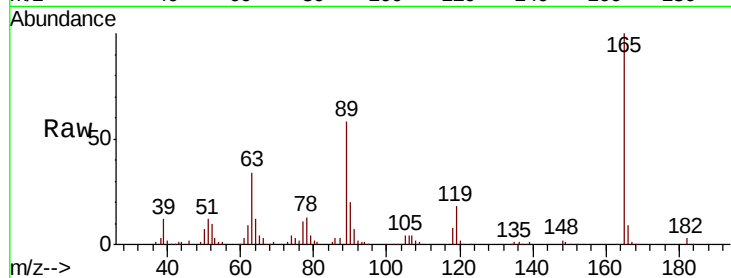




#57
2,4-Dinitrotoluene
Concen: 36.440 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

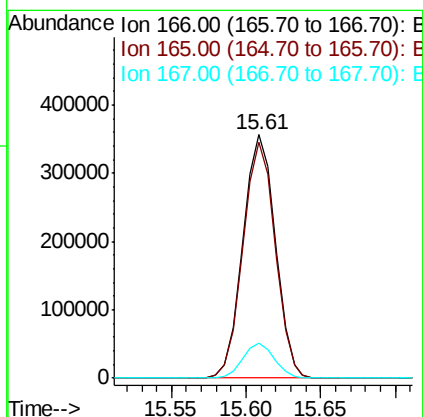
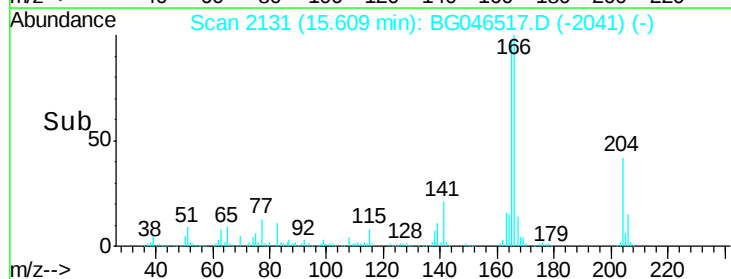
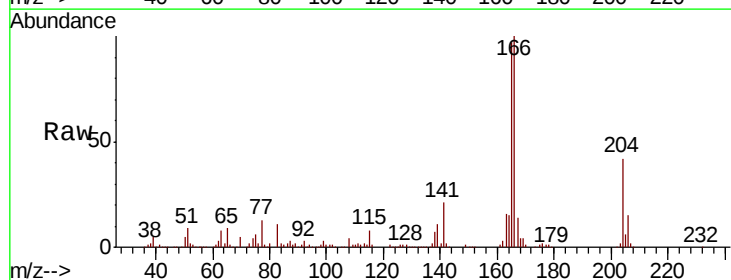
Instrument :
BNA_G
ClientSampleId :
PB131395BS

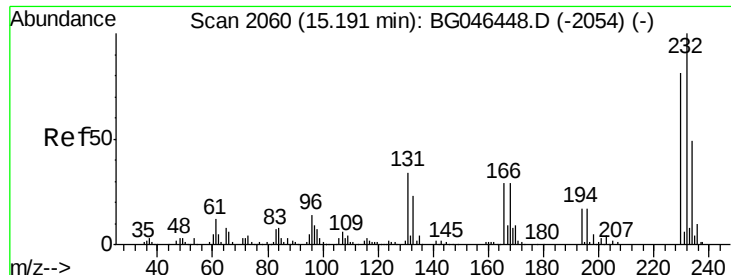
Tot Ion:165	Resp:	176444
Ion	Ratio	Lower Upper
165	100	
63	33.5	25.4 38.0
89	57.9	45.9 68.9
182	2.6	2.3 3.5



#58
Fluorene
Concen: 36.002 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:166	Resp:	535424
Ion	Ratio	Lower Upper
166	100	
165	96.9	77.0 115.4
167	14.2	11.8 17.6

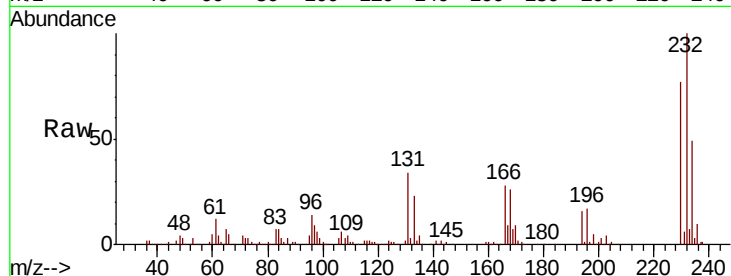




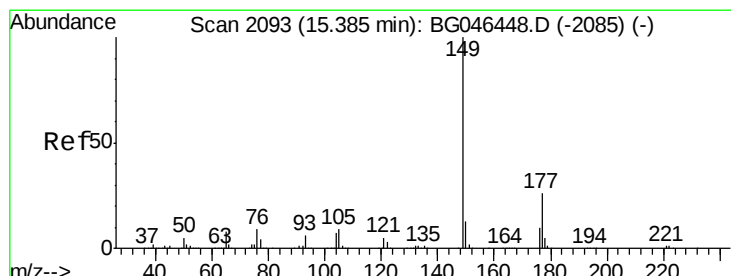
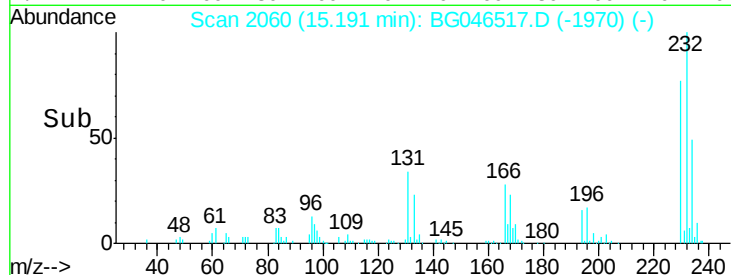
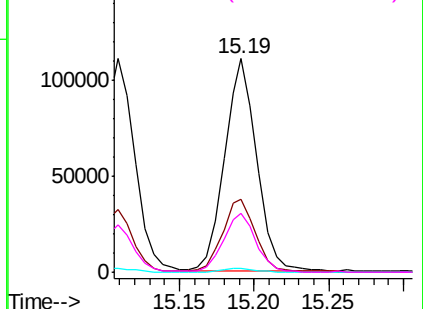
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.613 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion:	232	Resp:	165526
Ion	Ratio	Lower	Upper
232	100		
131	36.4	26.8	40.2
130	2.0	1.4	2.2
166	27.9	22.8	34.2

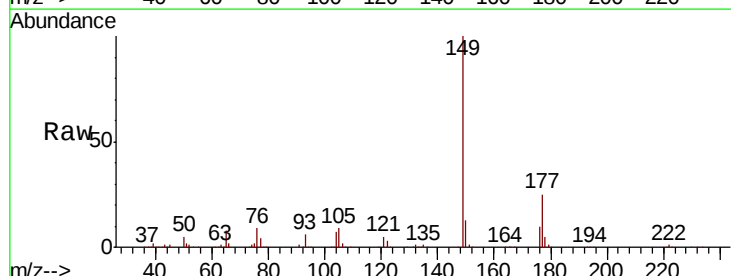


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

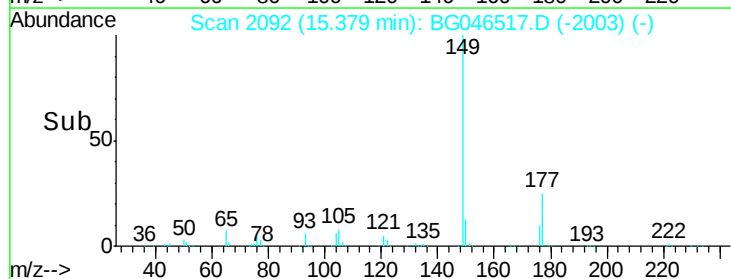
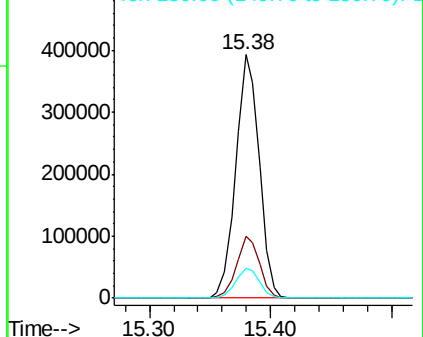


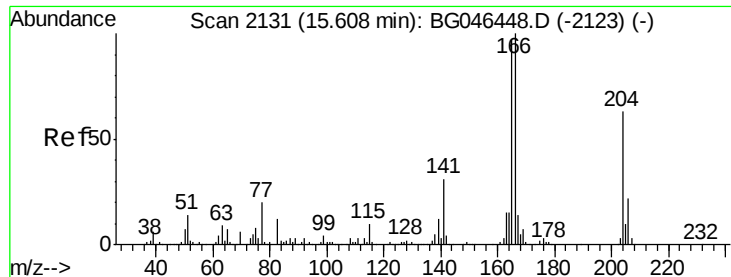
#60
 Diethylphthalate
 Concen: 35.351 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion:	149	Resp:	530969
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.6	30.8
150	12.5	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

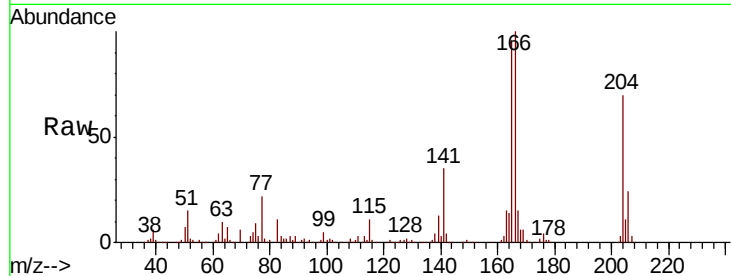




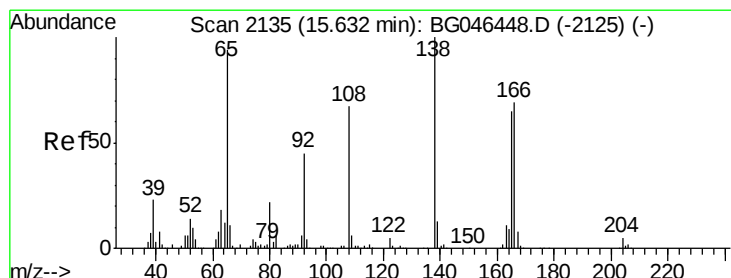
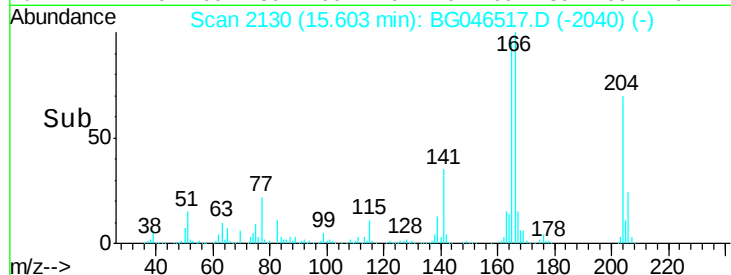
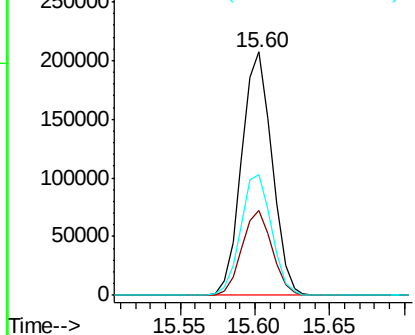
#61
4-Chlorophenyl-phenylether
Concen: 35.650 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleID :
PB131395BS

Tot Ion:204 Resp: 291994
Ion Ratio Lower Upper
204 100
206 34.9 27.7 41.5
141 49.7 38.7 58.1

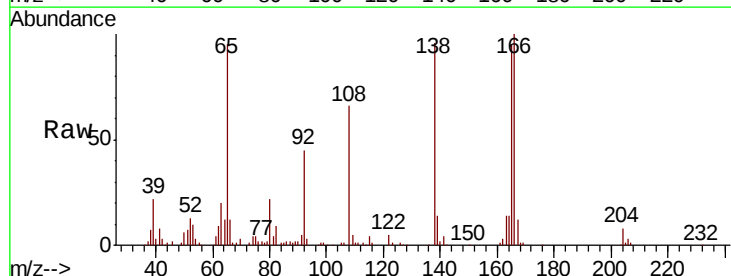


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

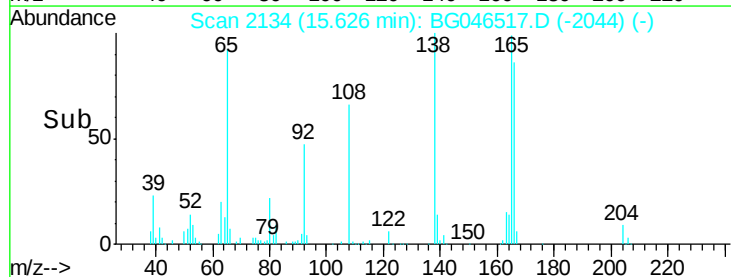
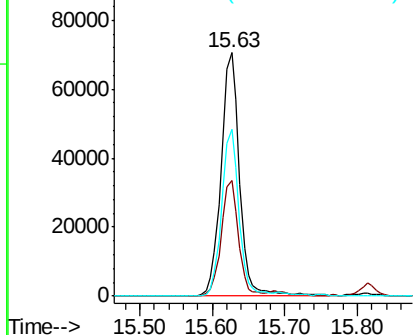


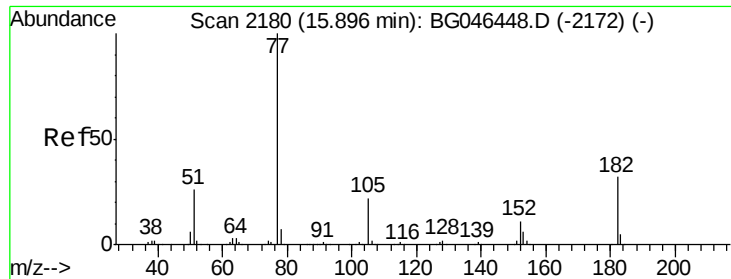
#62
4-Nitroaniline
Concen: 32.439 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:138 Resp: 125903
Ion Ratio Lower Upper
138 100
92 47.3 25.3 65.3
108 68.7 46.7 86.7



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

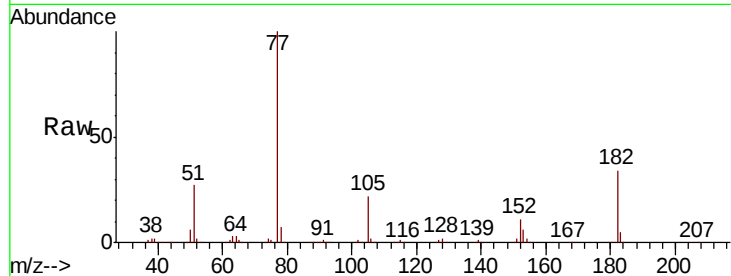




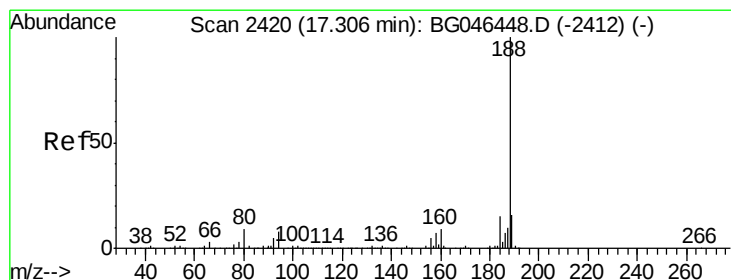
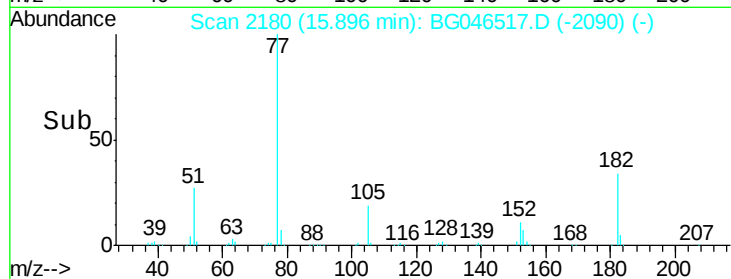
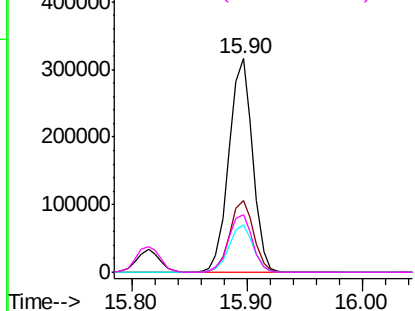
#63
Azobenzene
Concen: 36.570 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:	77	Resp:	446797
Ion	Ratio	Lower	Upper
77	100		
182	33.5	12.3	52.3
105	22.1	2.3	42.3
51	27.0	6.5	46.5

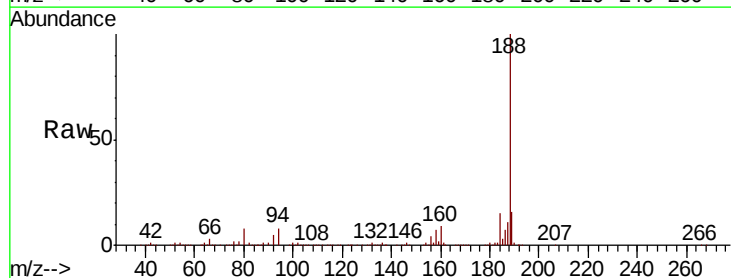


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

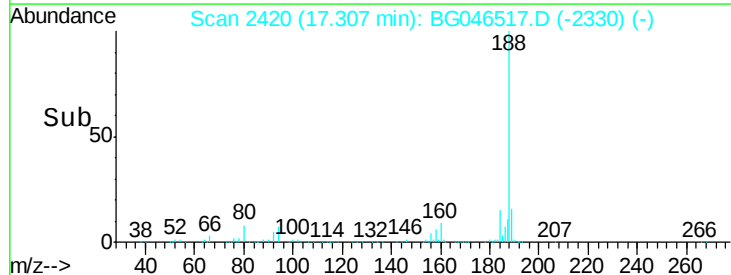
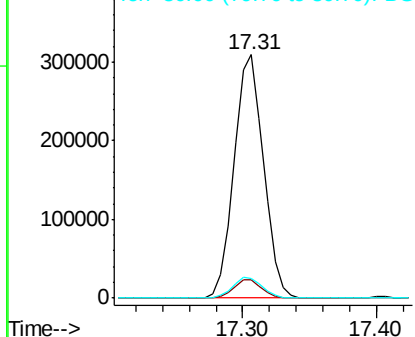


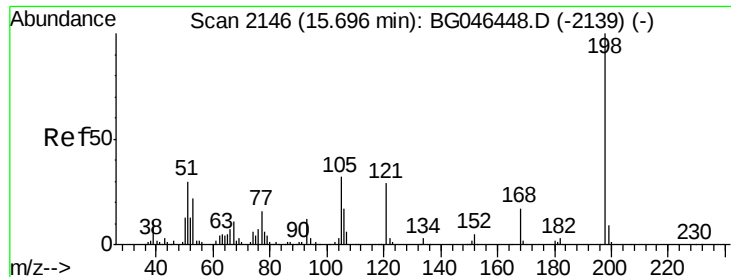
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:	188	Resp:	473289
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.0	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: 42.302 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

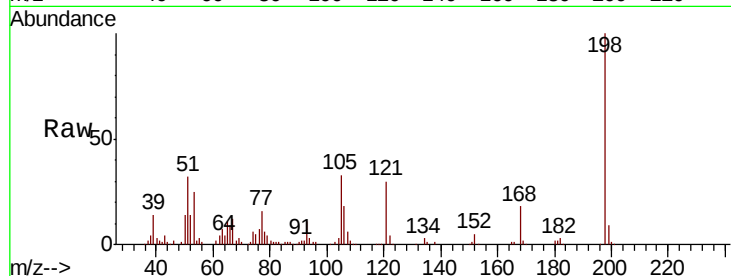
Tot Ion:198 Resp: 113321

Ion	Ratio	Lower	Upper
198	100		
51	31.9	10.4	50.4
105	33.4	12.4	52.4

198 100

51 31.9 10.4 50.4

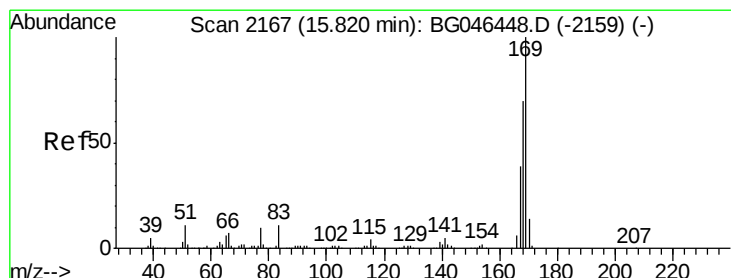
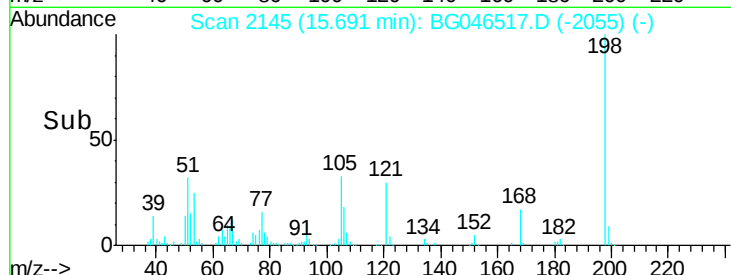
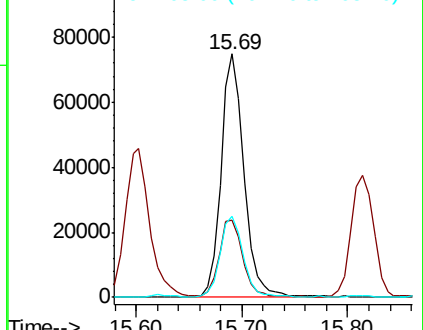
105 33.4 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.744 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

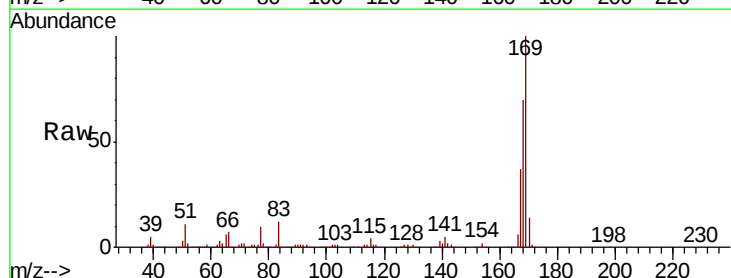
Tgt Ion:169 Resp: 481929

Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.8	83.8
167	37.1	31.0	46.6

169 100

168 70.4 55.8 83.8

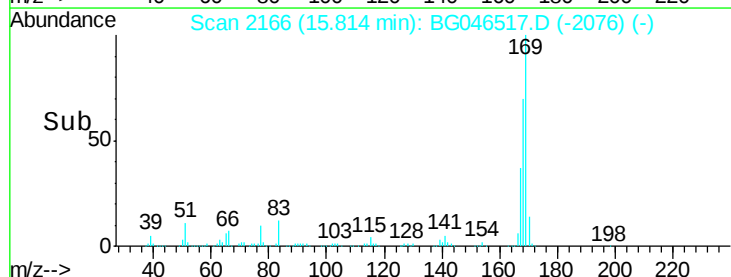
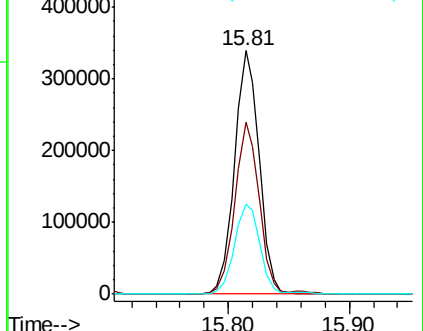
167 37.1 31.0 46.6

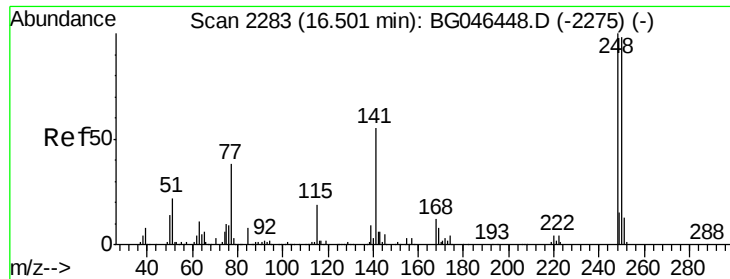


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

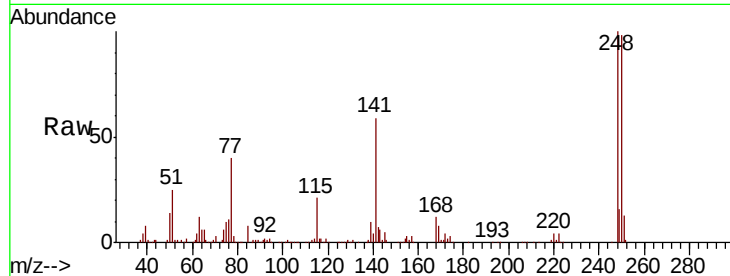




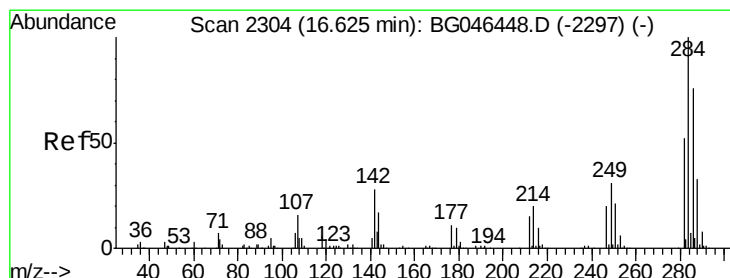
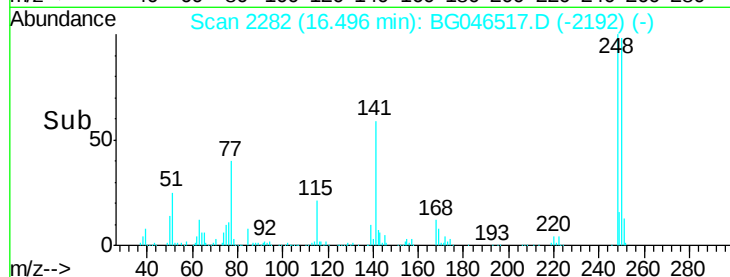
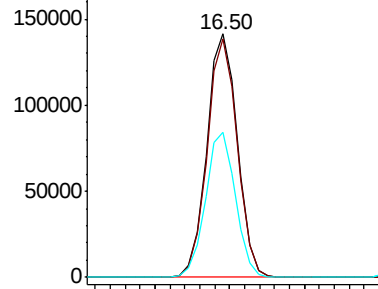
#67
4-Bromophenyl-phenylether
Concen: 36.336 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	118.0
141	59.4	43.9	65.9

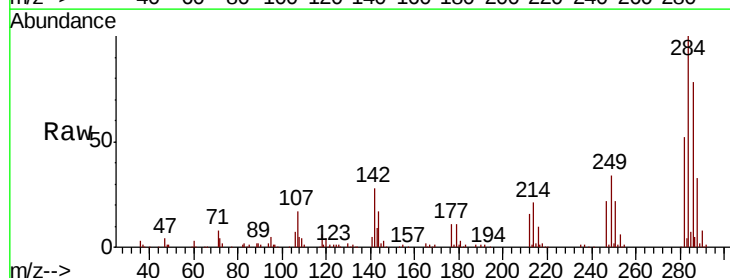


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

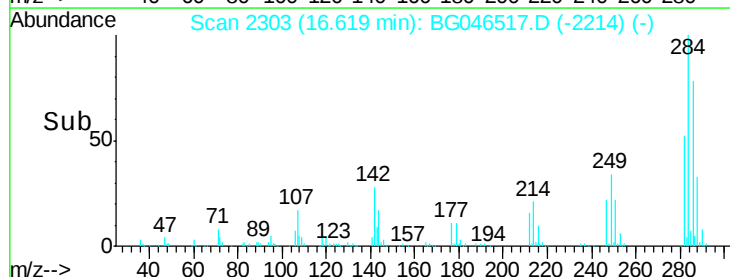
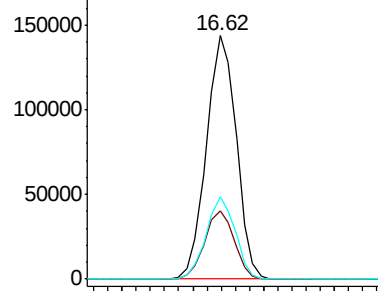


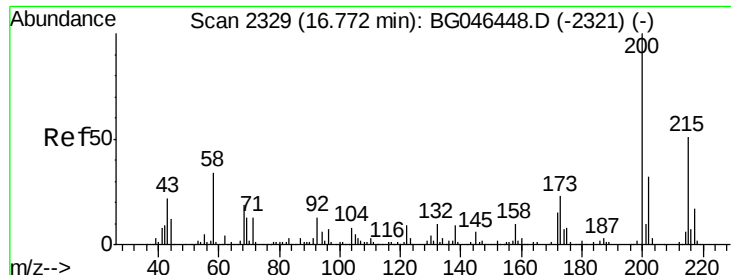
#68
Hexachlorobenzene
Concen: 34.706 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.3	33.5
249	33.6	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: 33.914 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

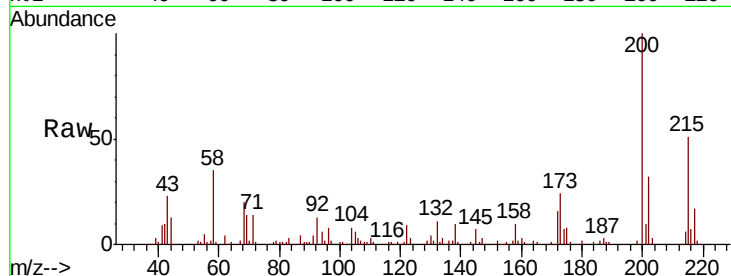
Tot Ion:200 Resp: 176654

Ion Ratio Lower Upper

200 100

173 24.4 3.3 43.3

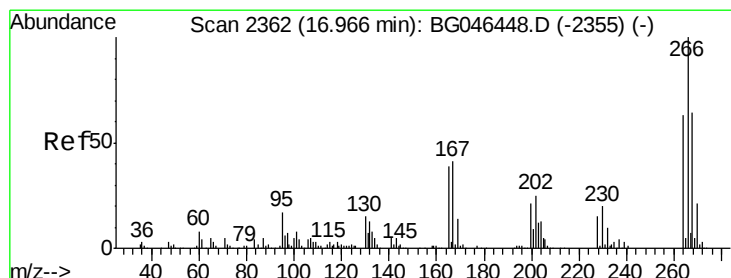
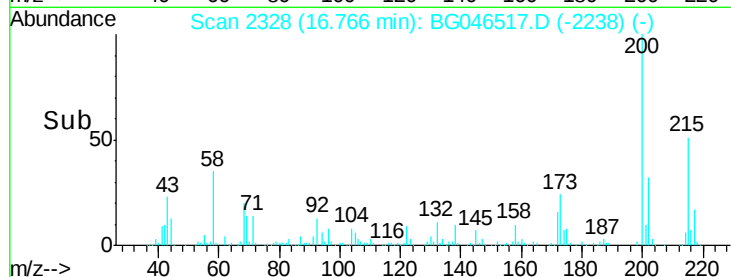
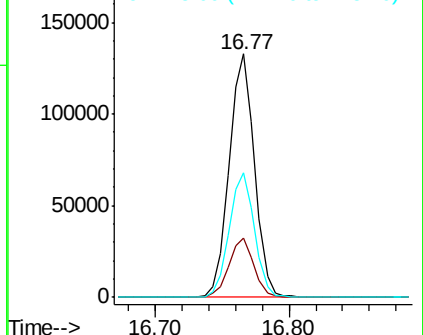
215 51.4 30.9 70.9



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: 79.223 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

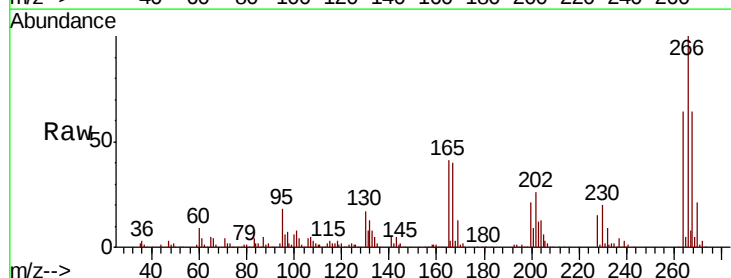
Tgt Ion:266 Resp: 253124

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

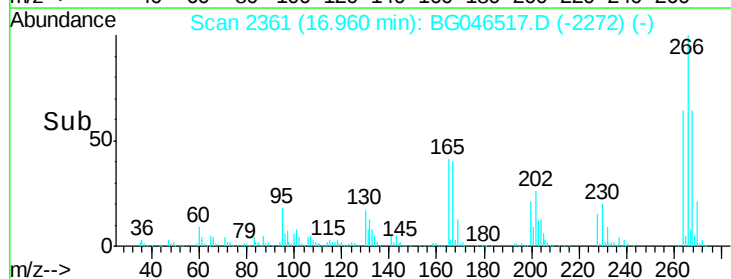
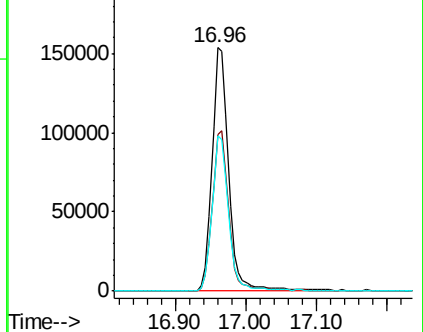
264 63.9 50.2 75.2

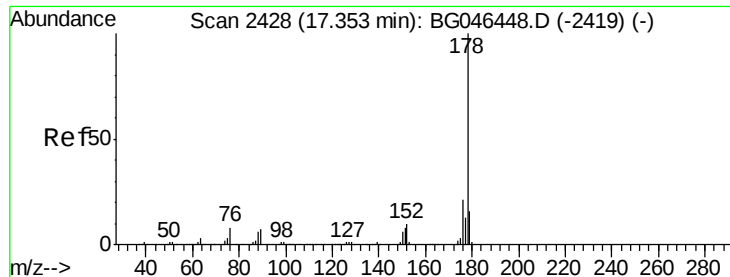


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

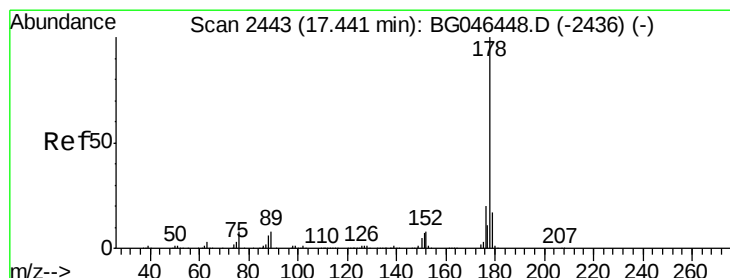
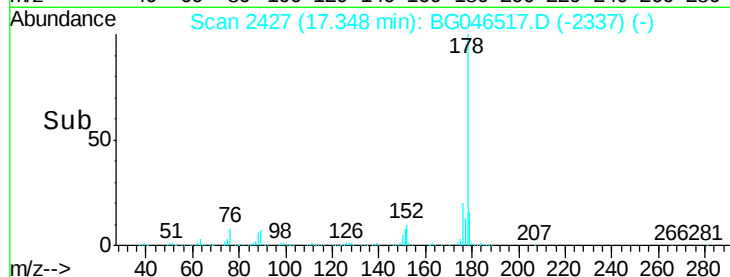
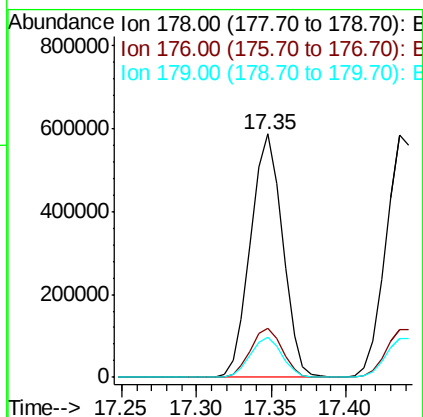
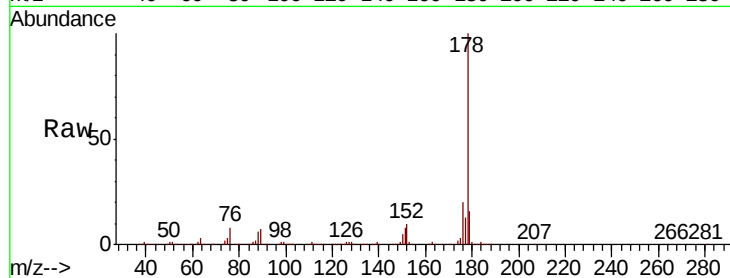




#71
Phenanthrene
Concen: 36.379 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

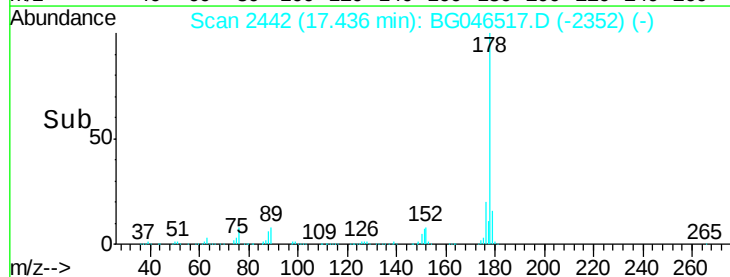
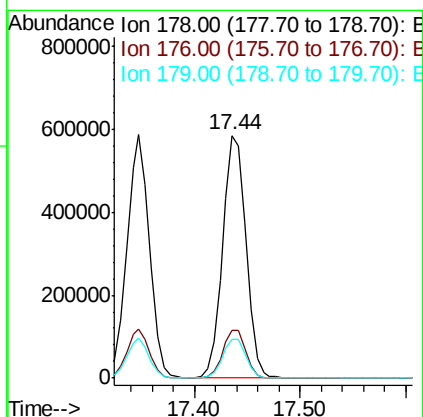
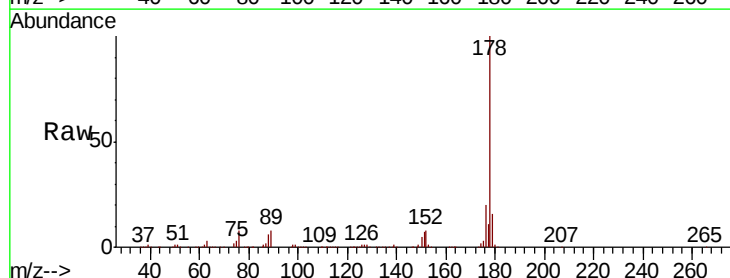
Instrument :
BNA_G
ClientSampleId :
PB131395BS

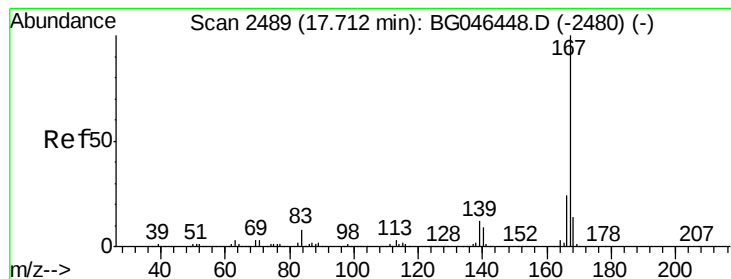
Tot Ion:178 Resp: 872708
Ion Ratio Lower Upper
178 100
176 20.4 16.8 25.2
179 16.3 13.2 19.8



#72
Anthracene
Concen: 37.867 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:178 Resp: 896272
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 13.3 19.9





#73

Carbazole

Concen: 36.781 ng

RT: 17.71 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

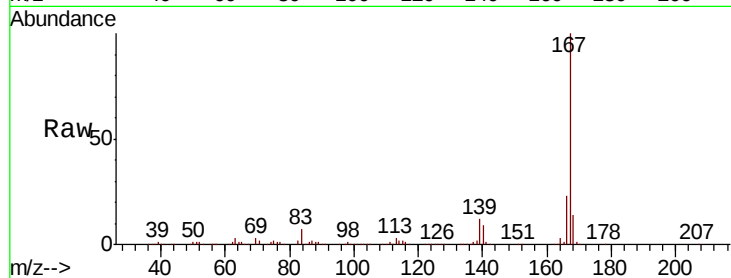
Tot Ion:167 Resp: 821960

Ion Ratio Lower Upper

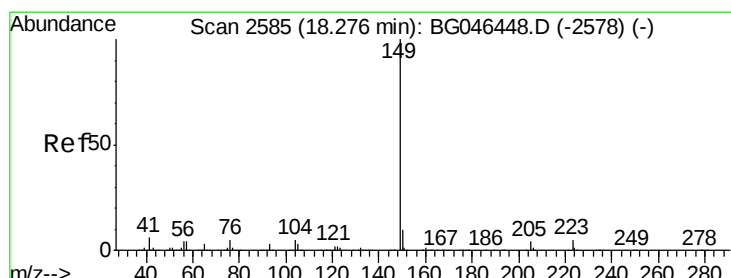
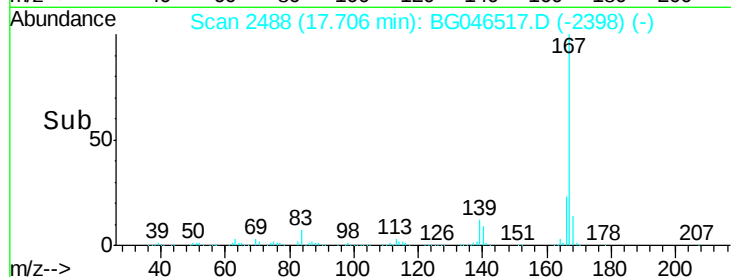
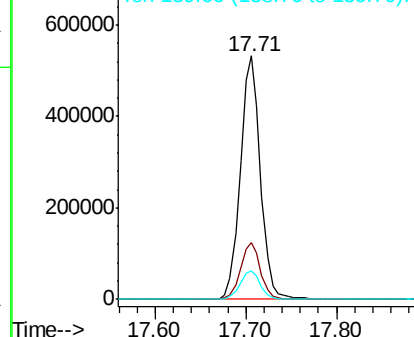
167 100

166 23.4 19.3 28.9

139 11.7 9.7 14.5



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



#74

Di-n-butylphthalate

Concen: 36.746 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

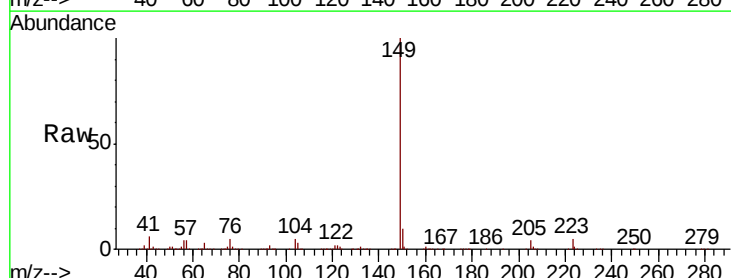
Tgt Ion:149 Resp: 944253

Ion Ratio Lower Upper

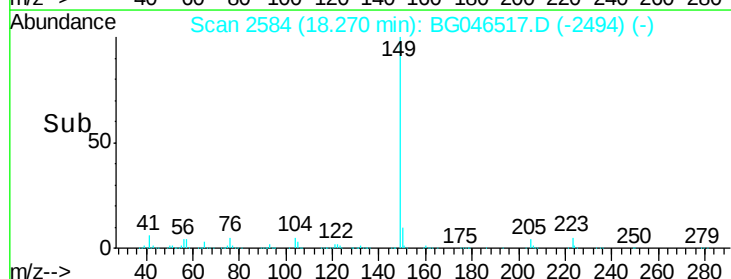
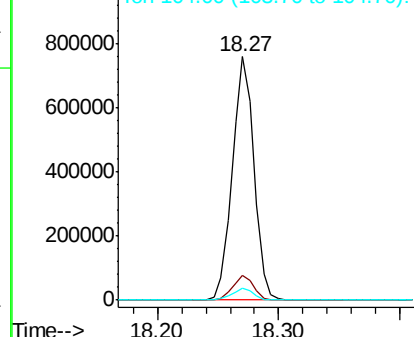
149 100

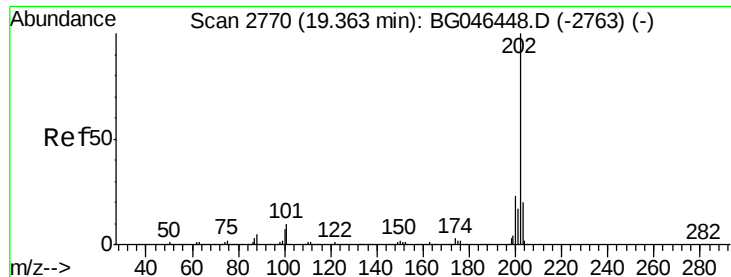
150 10.2 8.1 12.1

104 4.9 4.0 6.0



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





#75

Fluoranthene

Concen: 36.935 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

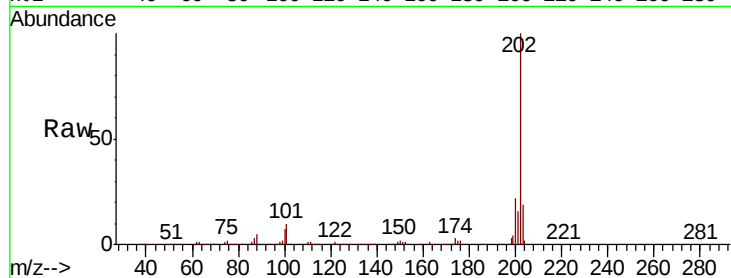
Tot Ion:202 Resp: 1140270

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

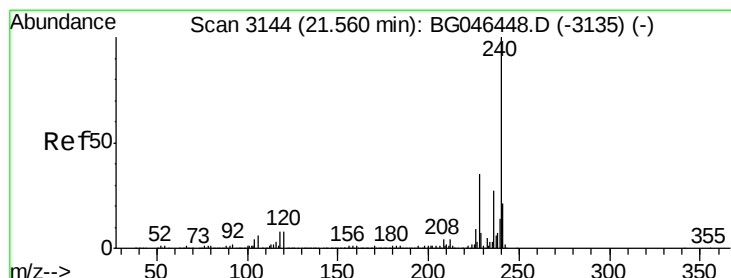
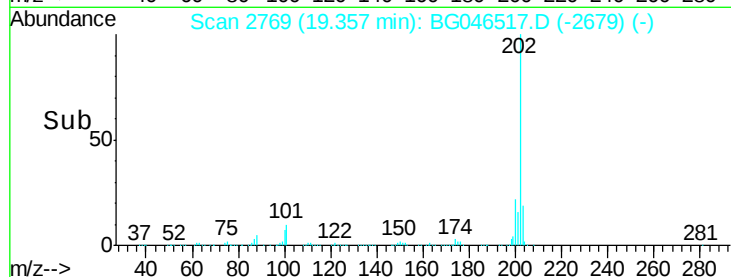
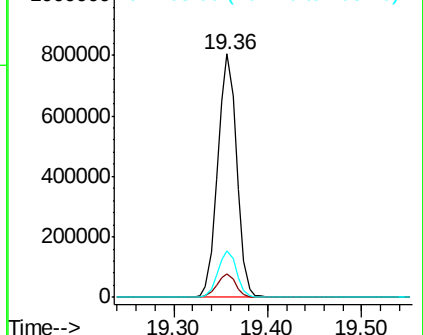
203 19.1 0.0 40.0



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# 3143

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

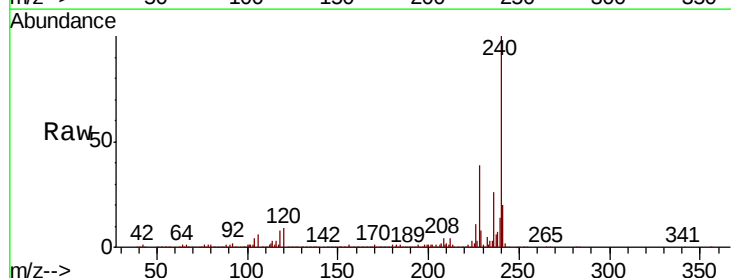
Tgt Ion:240 Resp: 500914

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

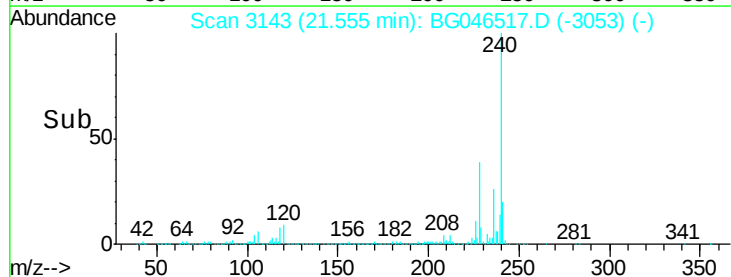
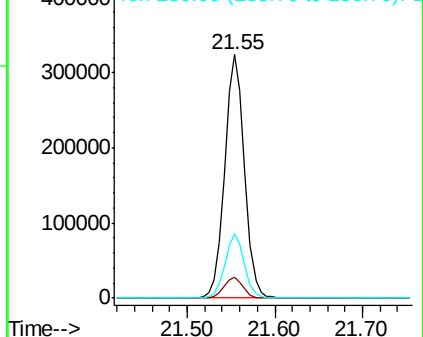
236 26.4 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.003 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

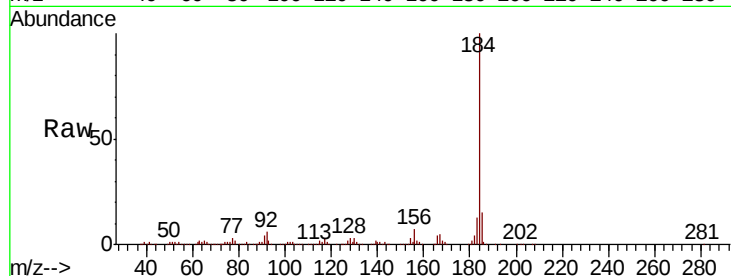
Tot Ion:184 Resp: 535459

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

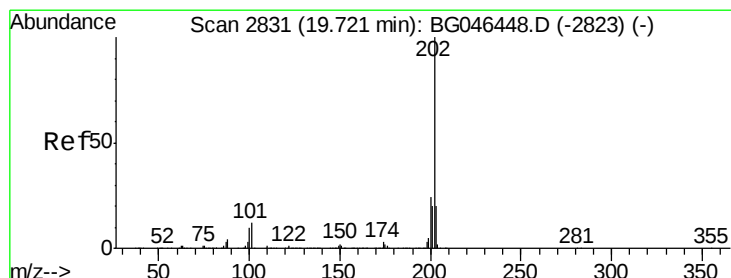
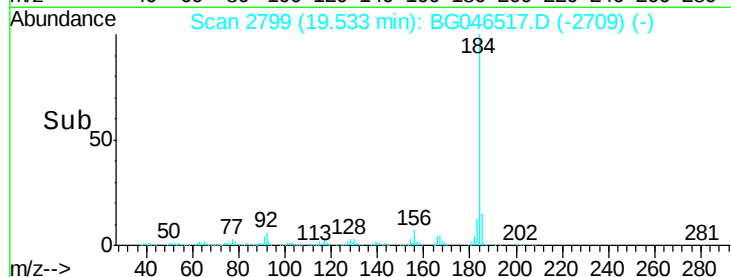
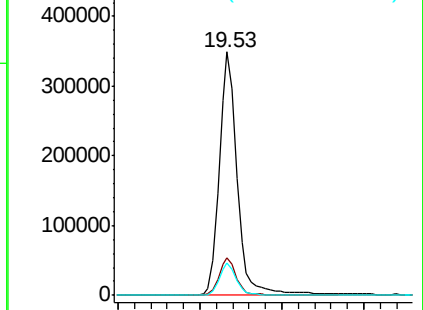
183 13.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.851 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

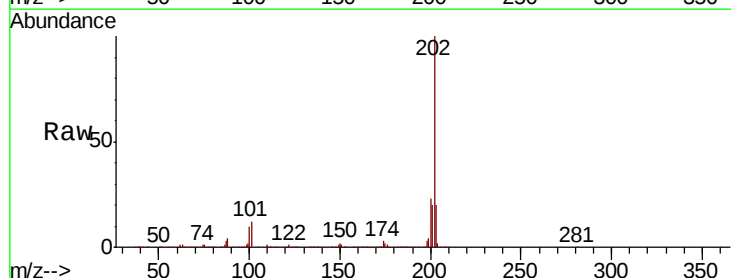
Tgt Ion:202 Resp: 1143571

Ion Ratio Lower Upper

202 100

200 23.2 18.9 28.3

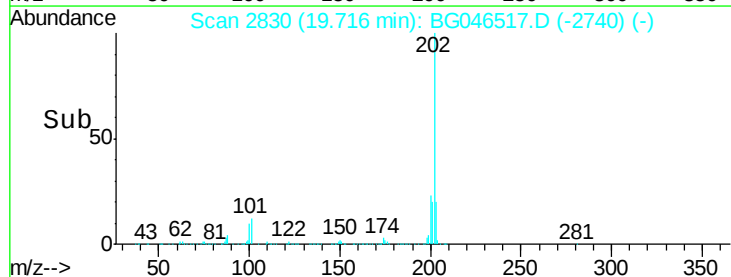
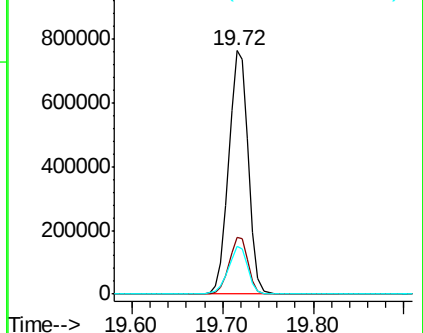
203 19.5 16.1 24.1

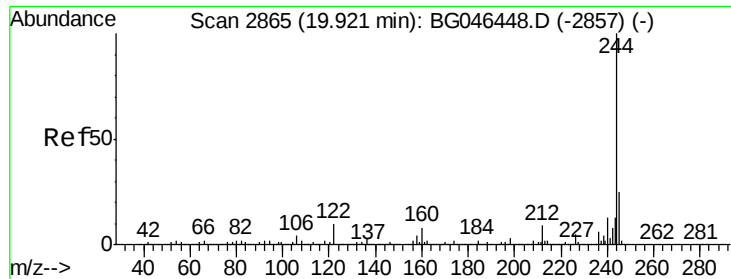


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.162 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

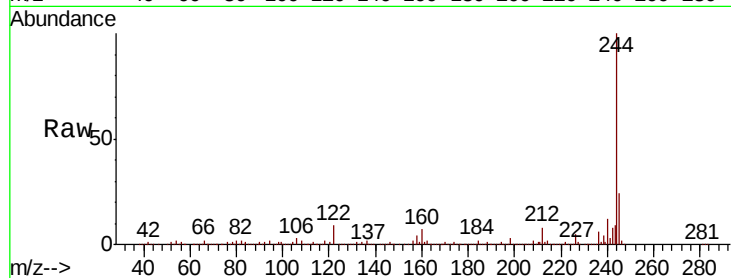
Tot Ion:244 Resp: 1651413

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

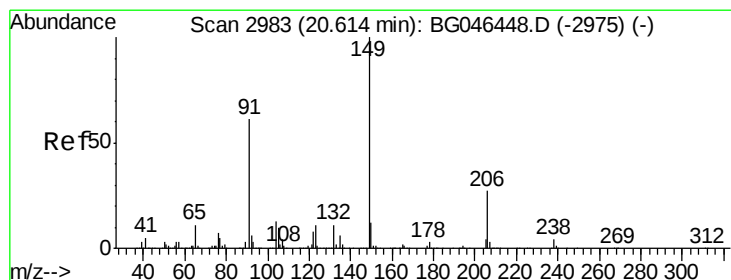
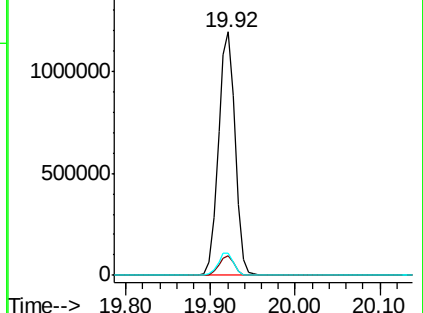
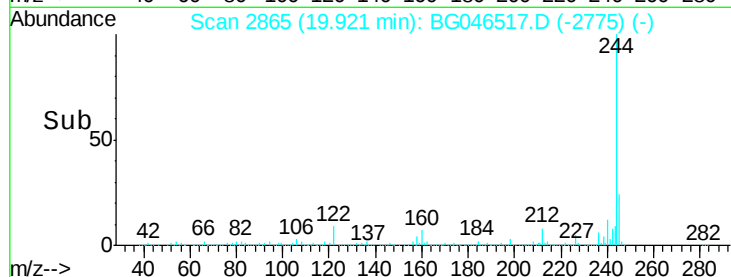
122 9.3 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.431 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

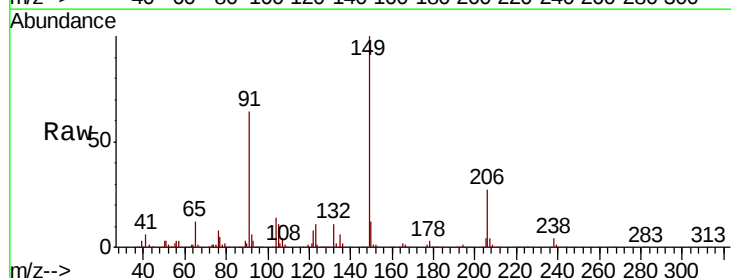
Tgt Ion:149 Resp: 453266

Ion Ratio Lower Upper

149 100

91 64.0 49.1 73.7

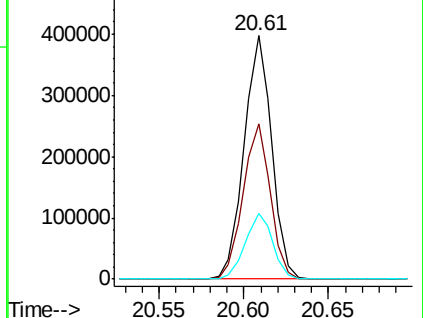
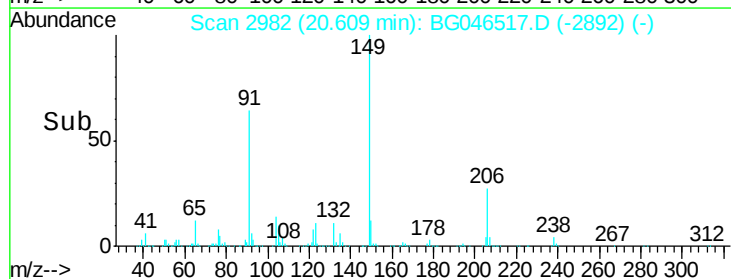
206 26.8 21.9 32.9

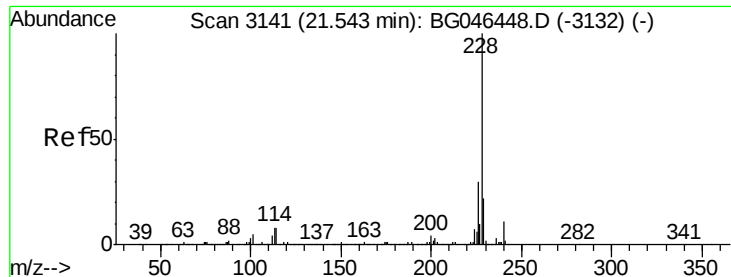


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

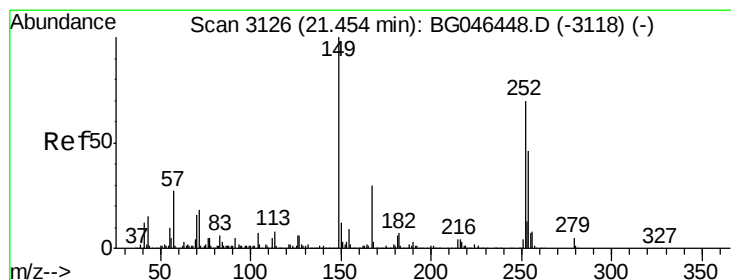
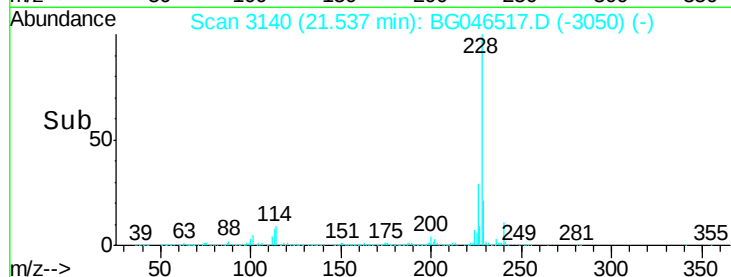
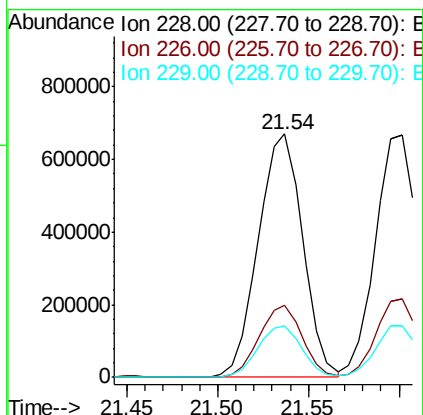
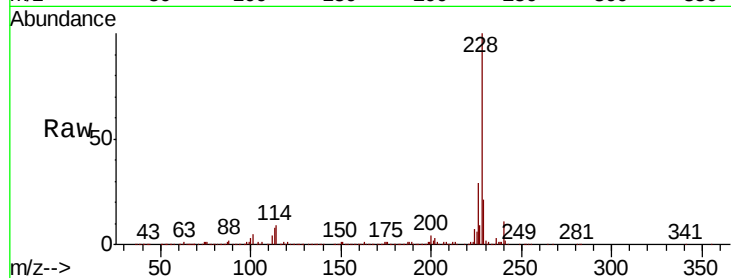




#81
Benzo(a)anthracene
Concen: 36.549 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

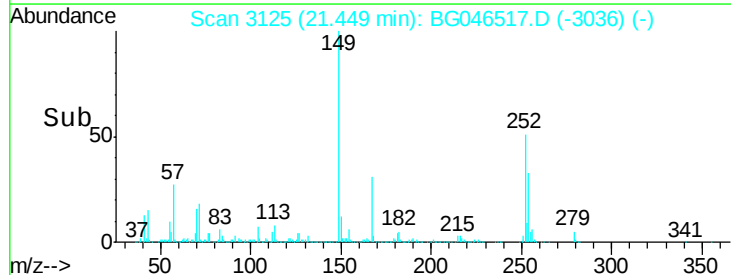
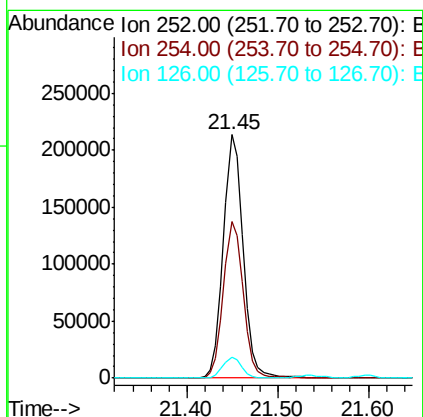
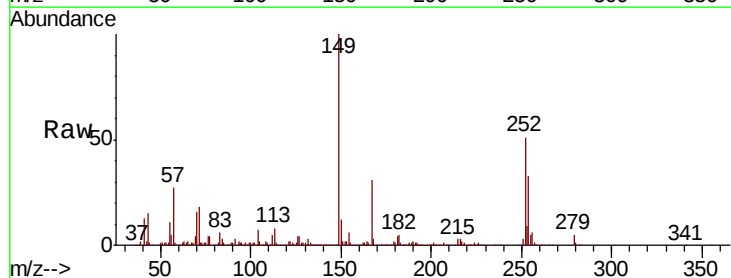
Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:228 Resp: 1141142
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 21.4 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 28.009 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:252 Resp: 324525
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.6 7.4 11.0





#83

Chrysene

Concen: 36.391 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

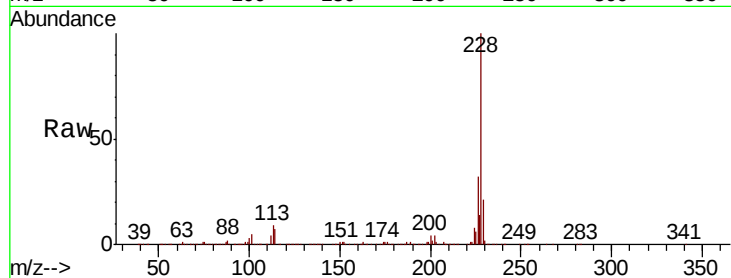
BNA_G

ClientSampleId :

PB131395BS

Tot Ion:228 Resp: 1092932

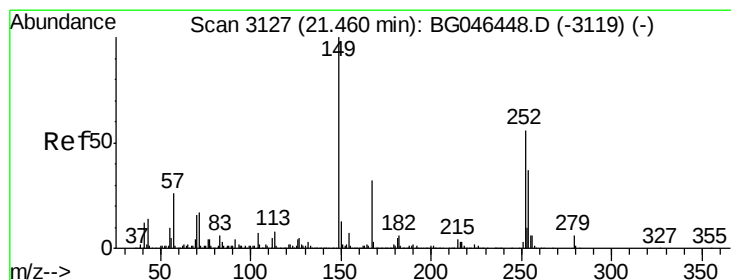
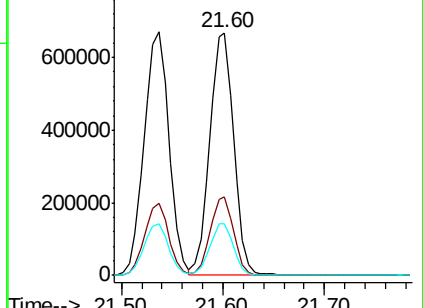
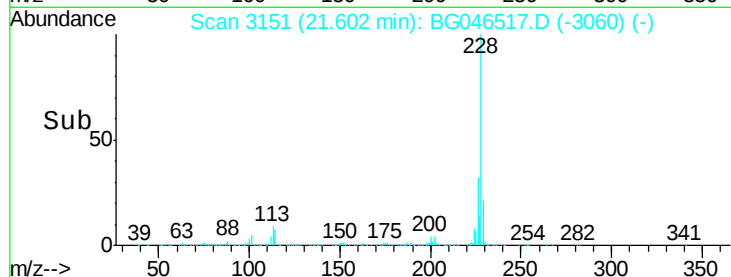
Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.2	17.9	26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.935 ng

RT: 21.45 min Scan# 3126

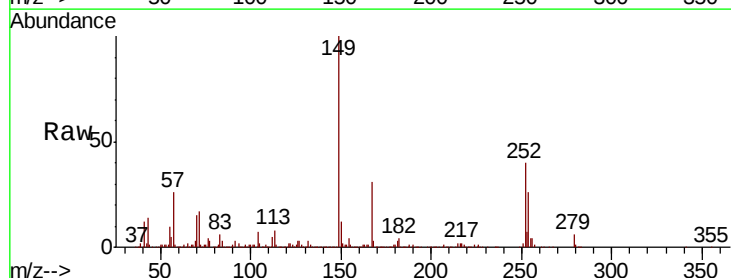
Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Tgt Ion:149 Resp: 644108

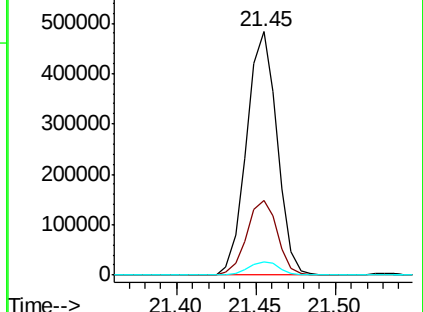
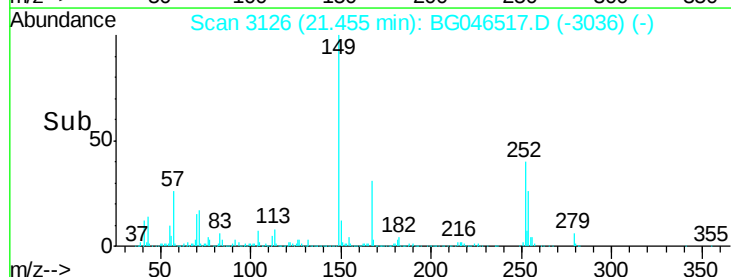
Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	5.5	4.5	6.7

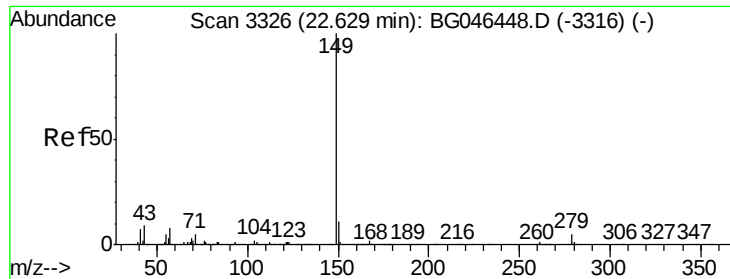


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.543 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB131395BS

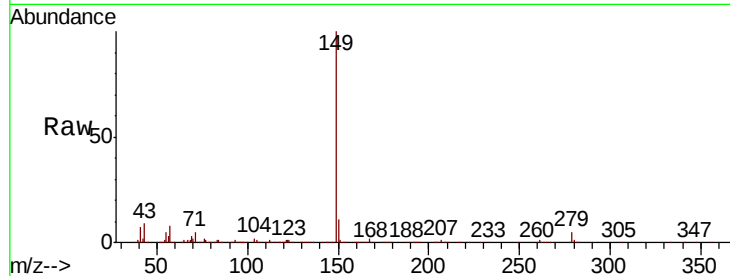
Tot Ion:149 Resp: 1120559

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

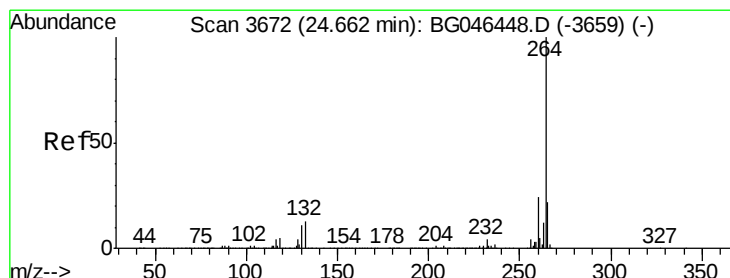
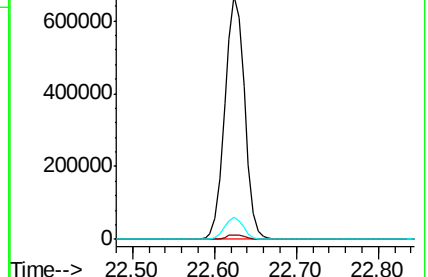
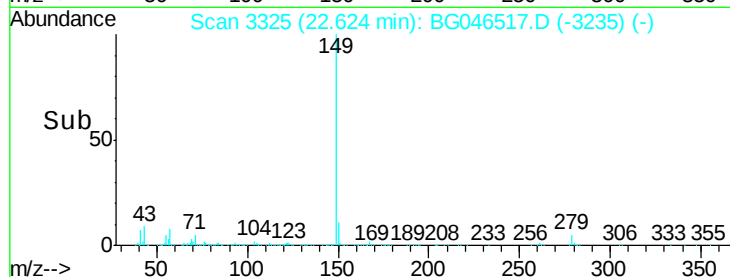
43 8.7 7.0 10.4



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046517.D

Acq: 3 Sep 2020 15:26

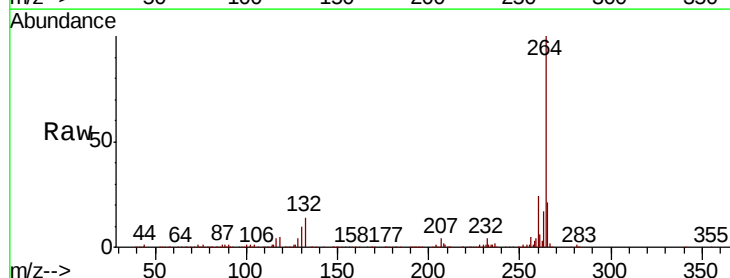
Tgt Ion:264 Resp: 499433

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

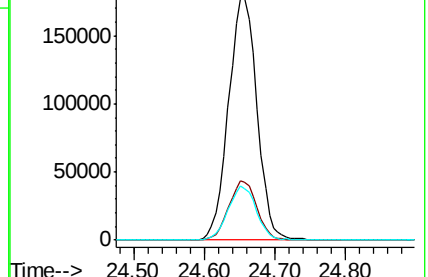
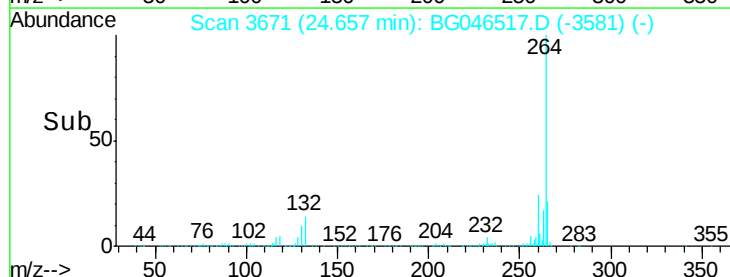
265 21.4 17.9 26.9

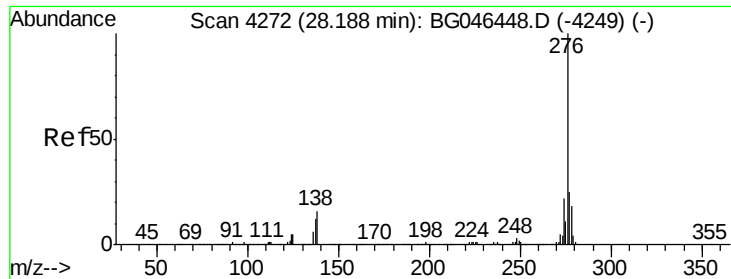


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

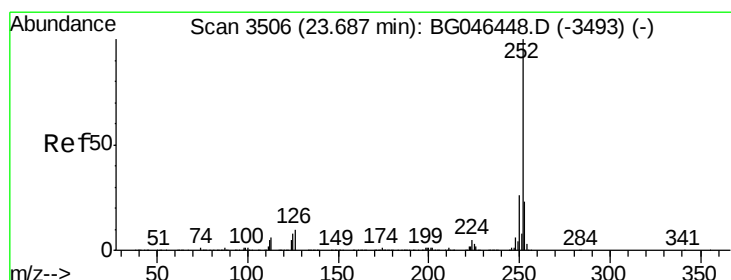
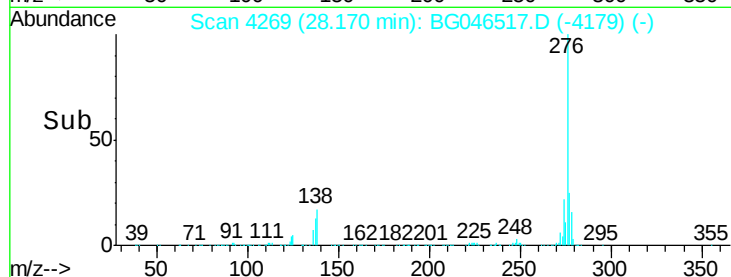
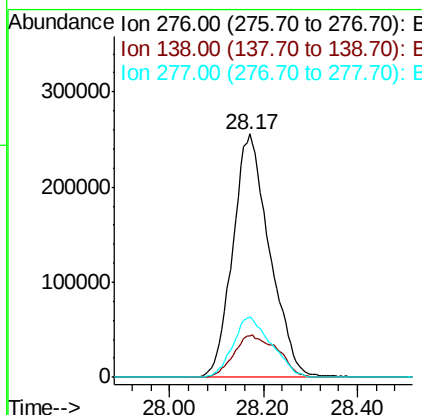
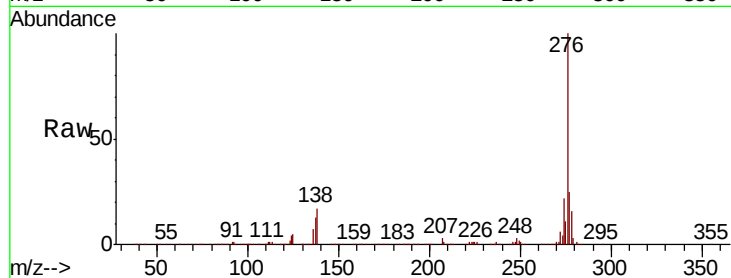




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.697 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

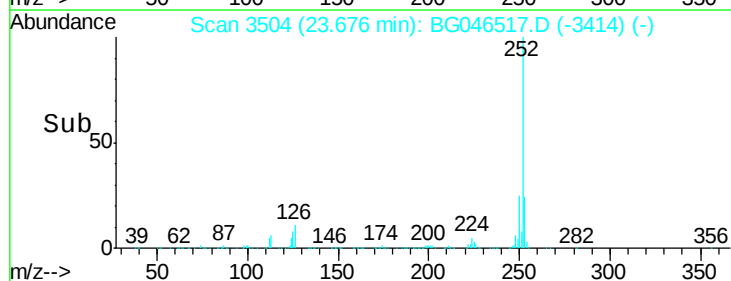
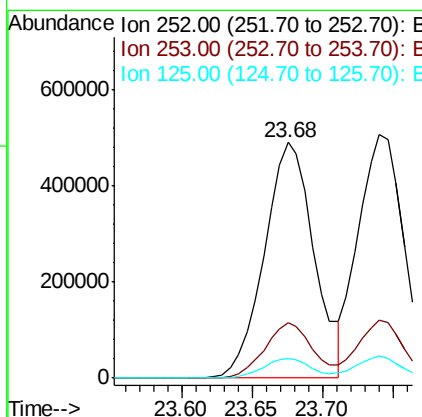
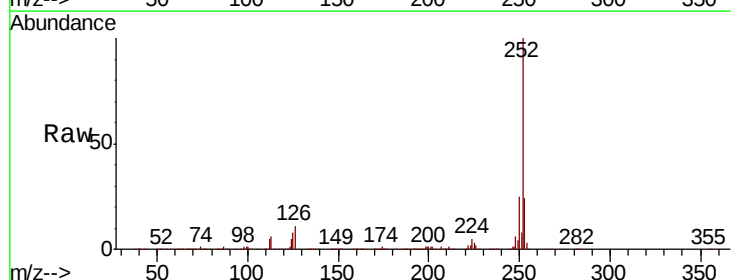
Instrument :
 BNA_G
 ClientSampleId :
 PB131395BS

Tot Ion:276 Resp: 1388069
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.5 24.7
 277 26.0 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 38.706 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046517.D
 Acq: 3 Sep 2020 15:26

Tgt Ion:252 Resp: 1207049
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.2 27.4
 125 8.5 6.2 9.2

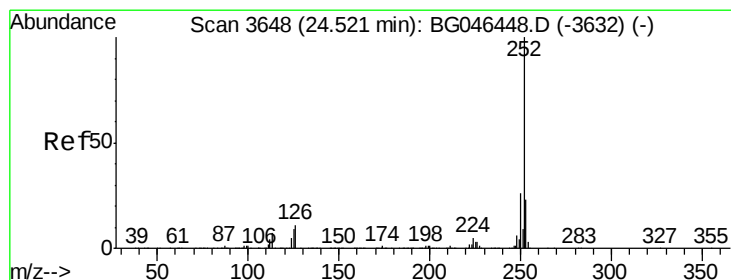
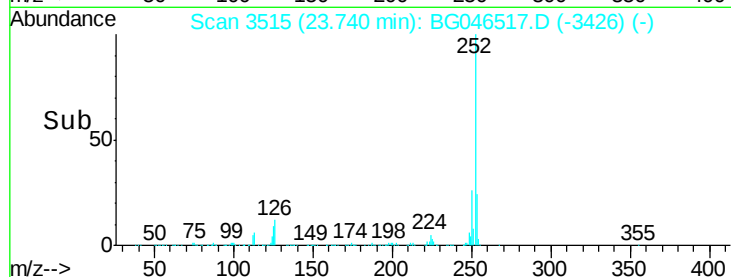
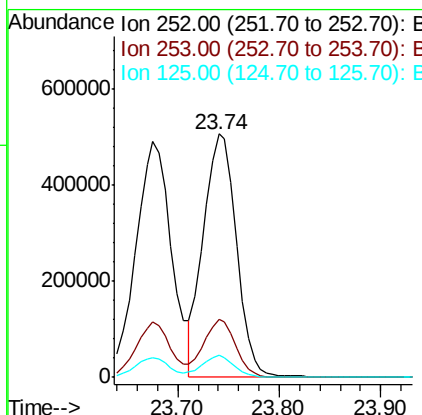
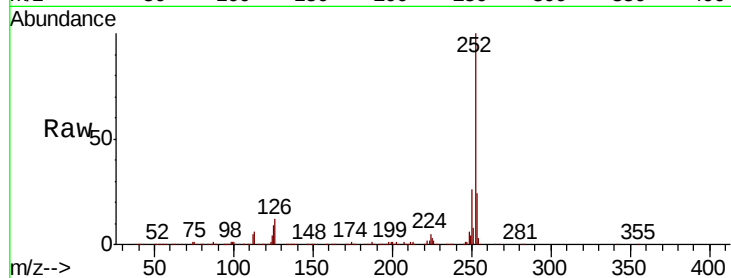




#89
Benzo(k)fluoranthene
Concen: 37.835 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

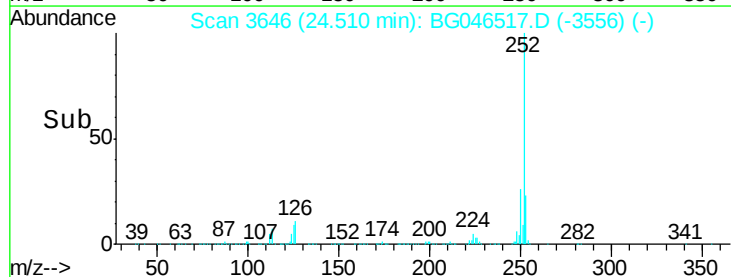
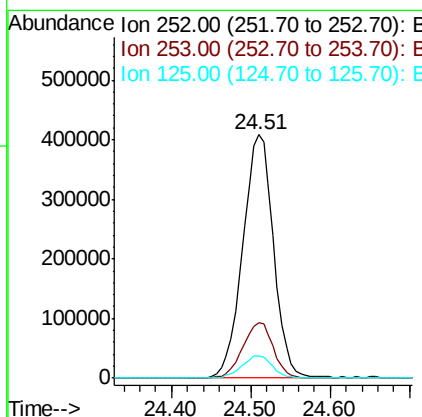
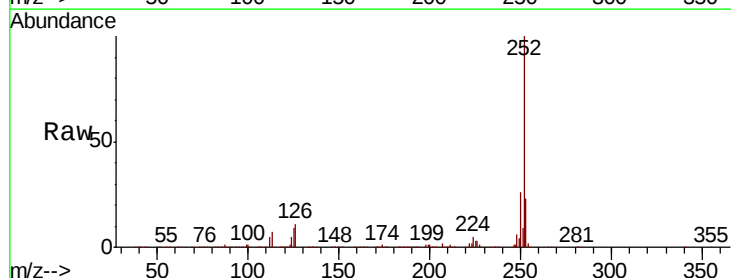
Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:252 Resp: 1140299
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 8.9 6.8 10.2



#90
Benzo(a)pyrene
Concen: 37.769 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:252 Resp: 1099190
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 9.0 7.4 11.0

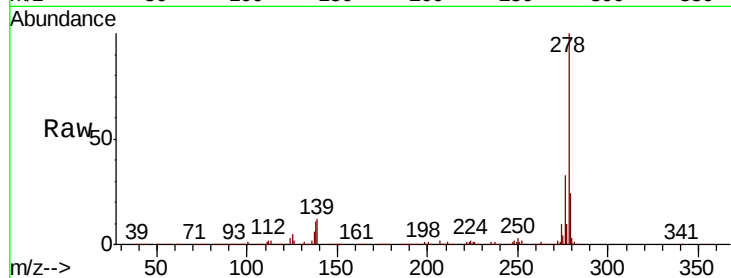




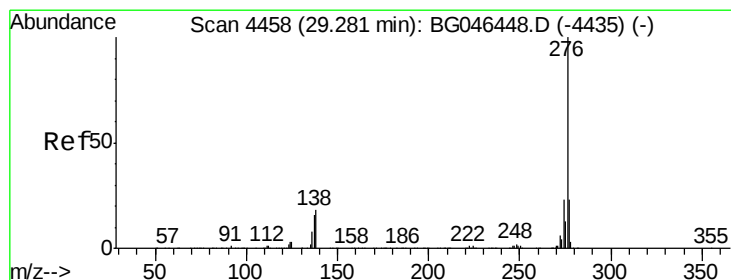
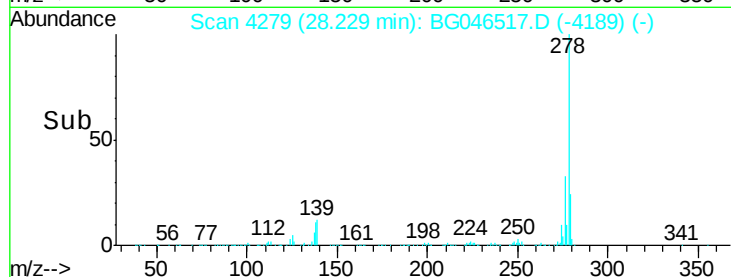
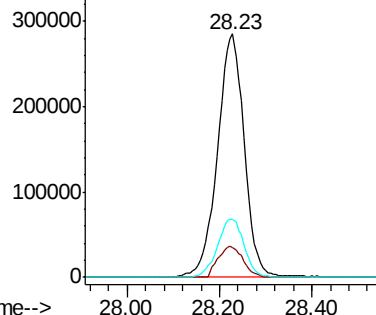
#91
Dibenzo(a,h)anthracene
Concen: 39.753 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB131395BS

Tot Ion:278 Resp: 1150714
Ion Ratio Lower Upper
278 100
139 12.5 11.2 16.8
279 23.7 19.8 29.8

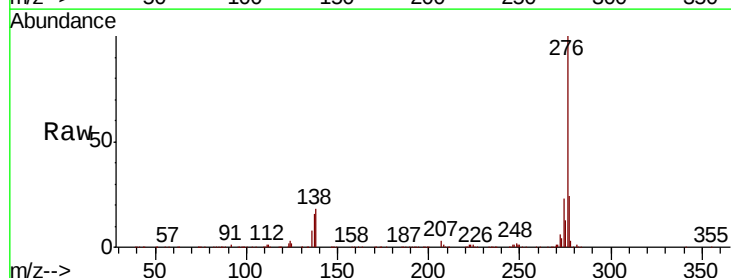


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.607 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046517.D
Acq: 3 Sep 2020 15:26

Tgt Ion:276 Resp: 1173775
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

