

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046519.D
 Acq On : 3 Sep 2020 16:47
 Operator : CG/JU
 Sample : PB131406BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Quant Time: Sep 03 17:25:23 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	77933	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	306416	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201070	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	474283	20.00	ng	0.00
76) Chrysene-d12	21.55	240	483303	20.00	ng	0.00
86) Perylene-d12	24.65	264	506431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	467987	106.36	ng	0.00
7) Phenol-d6	7.11	99	593307	95.12	ng	0.00
23) Nitrobenzene-d5	9.09	82	378331	70.57	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	252879	92.82	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	945094	71.75	ng	0.00
79) Terphenyl-d14	19.92	244	1492576	65.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	56622	30.931	ng	93
3) Pyridine	3.81	79	167488	31.271	ng	98
4) n-Nitrosodimethylamine	3.72	42	78992	39.988	ng	98
6) Aniline	7.25	93	218844	31.179	ng	99
8) 2-Chlorophenol	7.50	128	196617	42.279	ng	97
9) Benzaldehyde	7.07	77	128520	36.776	ng	97
10) Phenol	7.13	94	238672	41.544	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	179578	38.887	ng	99
12) 1,3-Dichlorobenzene	7.82	146	221172	37.460	ng	99
13) 1,4-Dichlorobenzene	7.96	146	222305	37.609	ng	99
14) 1,2-Dichlorobenzene	8.28	146	215201	37.970	ng	99
15) Benzyl Alcohol	8.17	79	165974	41.446	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	272209	38.002	ng	99
17) 2-Methylphenol	8.38	107	169685	41.647	ng	97
18) Hexachloroethane	9.02	117	74237	37.041	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	140019	37.528	ng	98
20) 3+4-Methylphenols	8.70	107	229068	40.732	ng	98
22) Acetophenone	8.75	105	274930	36.860	ng	# 99
24) Nitrobenzene	9.13	77	208257	39.320	ng	98
25) Isophorone	9.65	82	383434	39.011	ng	97
26) 2-Nitrophenol	9.84	139	111980	40.072	ng	94
27) 2,4-Dimethylphenol	9.90	122	183092	47.637	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	241392	38.157	ng	99
29) 2,4-Dichlorophenol	10.38	162	209247	40.839	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	222937	36.672	ng	99
31) Naphthalene	10.78	128	574599	38.406	ng	100
32) Benzoic acid	10.05	122	76696	31.293	ng	98
33) 4-Chloroaniline	10.88	127	140016	21.223	ng	97
34) Hexachlorobutadiene	11.07	225	141983	35.978	ng	99
35) Caprolactam	11.65	113	39755	20.757	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	198561	39.623	ng	96
37) 2-Methylnaphthalene	12.38	142	451105	38.231	ng	98
38) 1-Methylnaphthalene	12.61	142	419194	37.506	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263106	39.681	ng	99

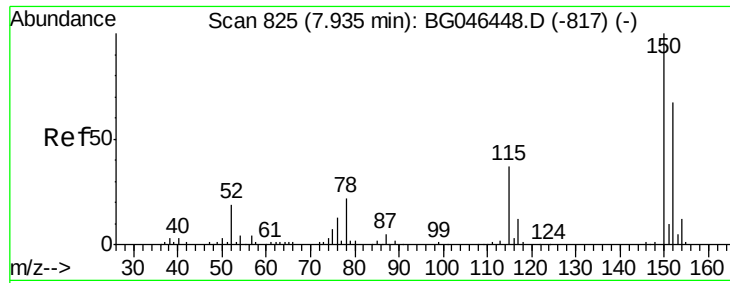
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046519.D
 Acq On : 3 Sep 2020 16:47
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Quant Time: Sep 03 17:25:23 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	319103	110.680	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	180604	40.363	nq	96
44) 2,4,5-Trichlorophenol	13.07	196	192607	40.970	nq	98
46) 1,1'-Biphenyl	13.39	154	574460	41.064	nq	99
47) 2-Chloronaphthalene	13.43	162	454599	38.327	nq	99
48) 2-Nitroaniline	13.63	65	123028	37.354	nq	98
49) Acenaphthylene	14.28	152	718841	39.953	nq	99
50) Dimethylphthalate	14.02	163	584202	37.555	nq	100
51) 2,6-Dinitrotoluene	14.13	165	136881	39.918	nq	99
52) Acenaphthene	14.63	154	430685	38.628	nq	97
53) 3-Nitroaniline	14.46	138	89901	24.204	nq	98
54) 2,4-Dinitrophenol	14.67	184	161470	80.672	nq	99
55) Dibenzofuran	14.96	168	695189	38.853	nq	100
56) 4-Nitrophenol	14.79	139	217290	79.489	nq	98
57) 2,4-Dinitrotoluene	14.92	165	192655	39.403	nq	98
58) Fluorene	15.61	166	582595	38.794	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	179231	39.260	nq	98
60) Diethylphthalate	15.38	149	576903	38.037	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	314204	37.990	nq	99
62) 4-Nitroaniline	15.63	138	131073	33.444	nq	99
63) Azobenzene	15.90	77	486737	39.452	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	123458	45.990	nq	98
66) n-Nitrosodiphenylamine	15.81	169	527229	41.205	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	215859	39.011	nq	98
68) Hexachlorobenzene	16.62	284	230732	37.651	nq	97
69) Atrazine	16.77	200	166281	31.856	nq	99
70) Pentachlorophenol	16.97	266	264256	82.534	nq	99
71) Phenanthrene	17.35	178	946728	39.381	nq	99
72) Anthracene	17.44	178	975048	41.109	nq	100
73) Carbazole	17.71	167	891023	39.788	nq	99
74) Di-n-butylphthalate	18.27	149	1011683	39.287	nq	100
75) Fluoranthene	19.36	202	1212764	39.201	nq	100
77) Benzidine	19.53	184	591768	52.693	nq	99
78) Pyrene	19.72	202	1210104	39.319	nq	99
80) Butylbenzylphthalate	20.61	149	471216	39.253	nq	97
81) Benzo(a)anthracene	21.54	228	1175825	39.033	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	318303	28.473	nq	99
83) Chrysene	21.60	228	1137785	39.265	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	669089	40.842	nq	99
85) Di-n-octyl phthalate	22.62	149	1173583	41.838	nq	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1459683	40.131	nq	100
88) Benzo(b)fluoranthene	23.68	252	1274678	40.310	nq	97
89) Benzo(k)fluoranthene	23.75	252	1196193	39.141	nq	99
90) Benzo(a)pyrene	24.51	252	1143771	38.758	nq	99
91) Dibenzo(a,h)anthracene	28.23	278	1194300	40.689	nq	99
92) Benzo(g,h,i)perylene	29.27	276	1219370	41.602	nq	98

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

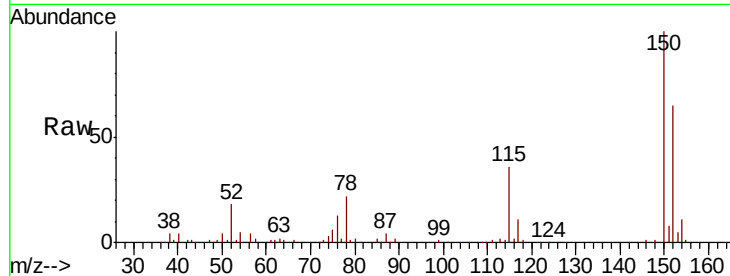


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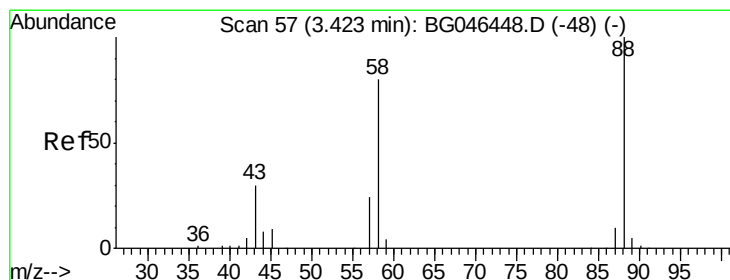
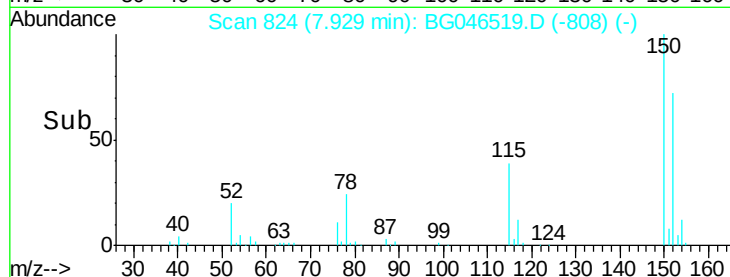
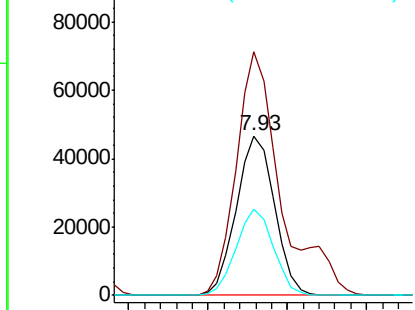
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion:152 Resp: 77933
 Ion Ratio Lower Upper
 152 100
 150 152.7 119.5 179.3
 115 54.3 44.3 66.5



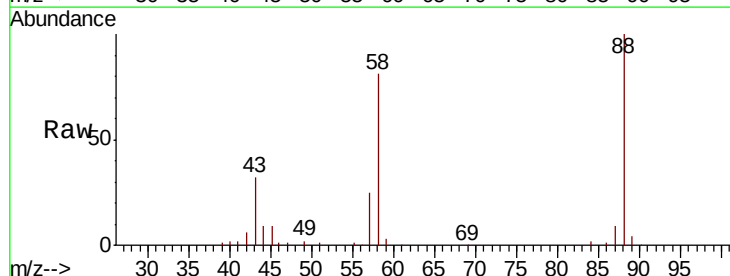
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



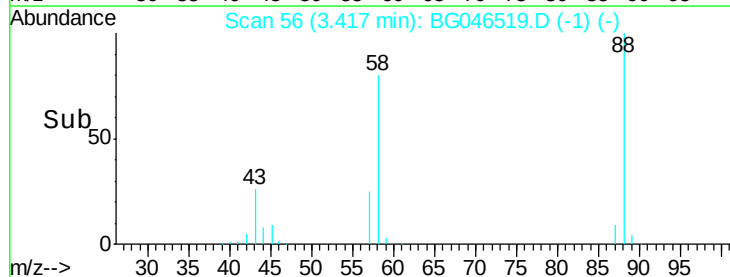
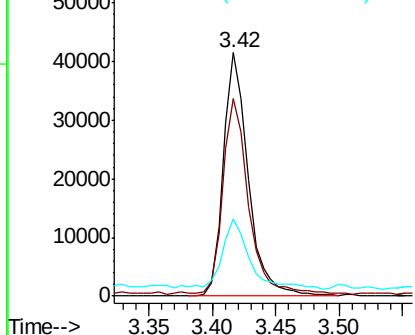
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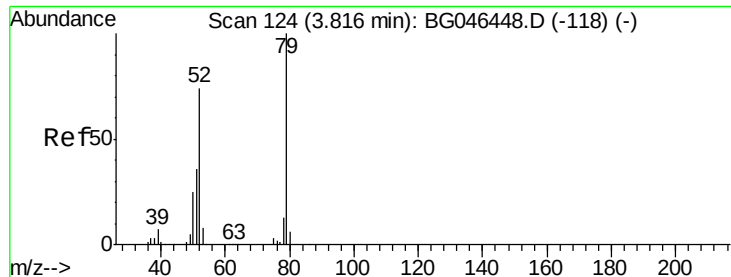
1,4-Dioxane
 Concen: 30.931 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion: 88 Resp: 56622
 Ion Ratio Lower Upper
 88 100
 58 82.3 61.4 92.2
 43 31.9 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: 31.271 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

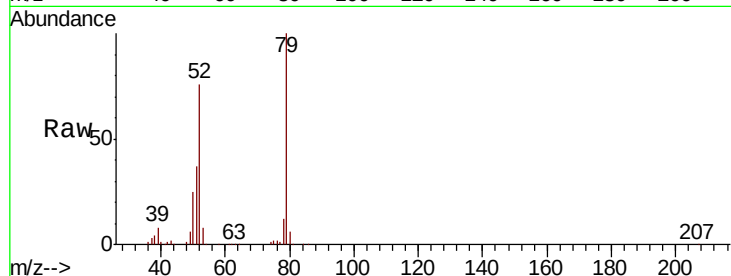
Tot Ion: 79 Resp: 167488

Ion Ratio Lower Upper

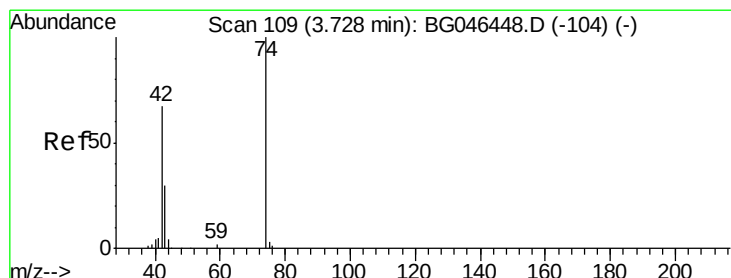
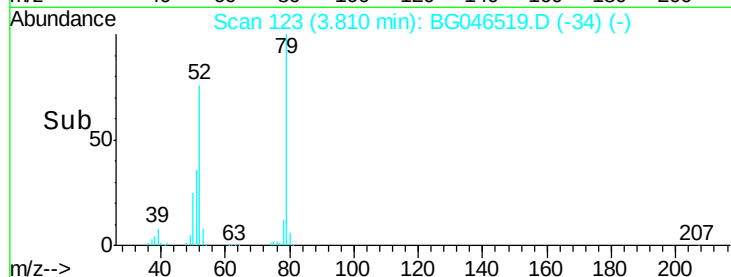
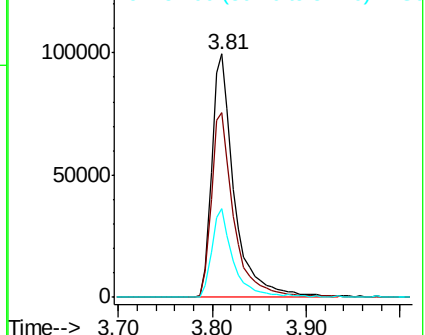
79 100

52 75.7 59.1 88.7

51 36.5 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: 39.988 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

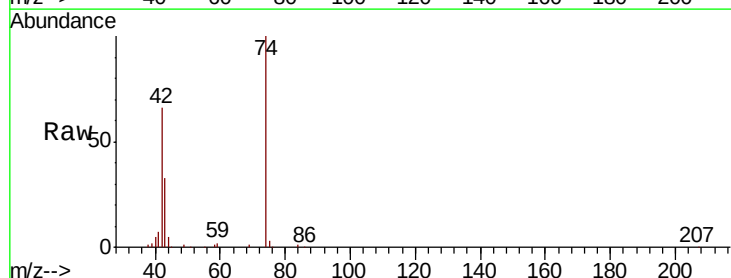
Tgt Ion: 42 Resp: 78992

Ion Ratio Lower Upper

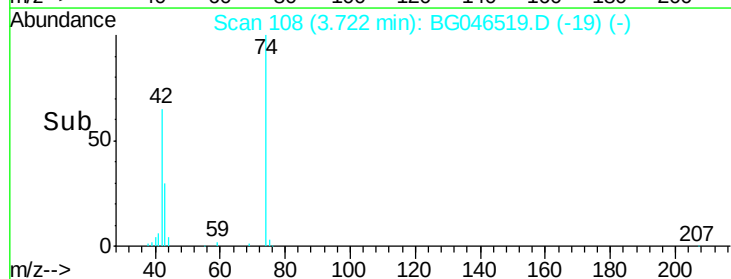
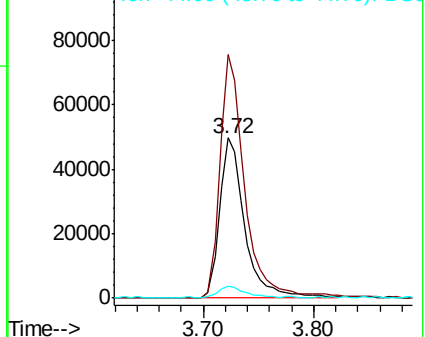
42 100

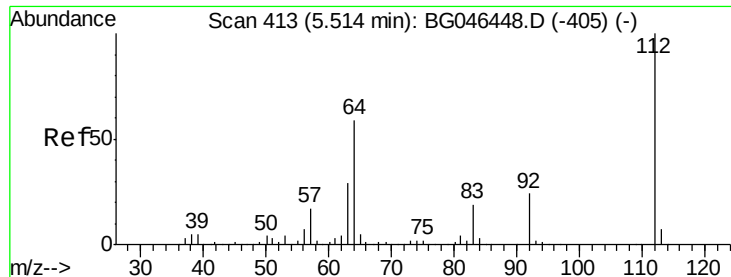
74 152.1 119.5 179.3

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: 106.360 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

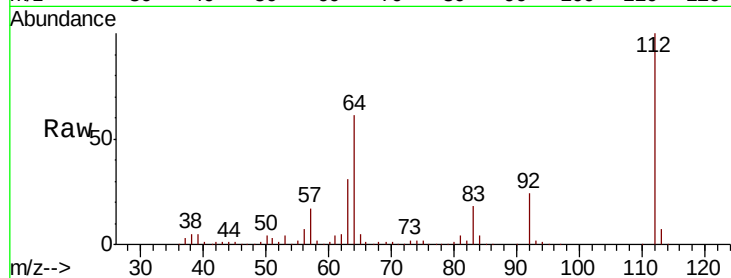
Tot Ion:112 Resp: 467987

Ion Ratio Lower Upper

112 100

64 61.0 47.0 70.6

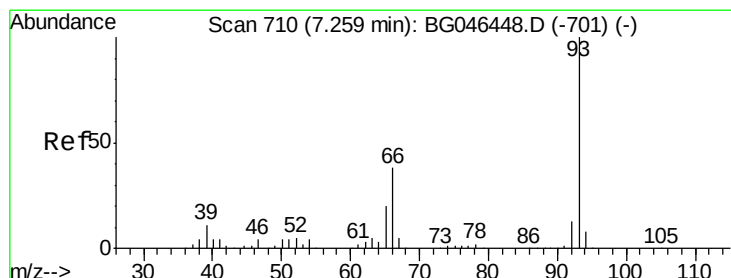
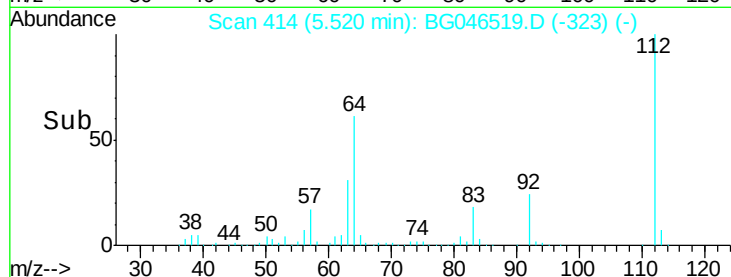
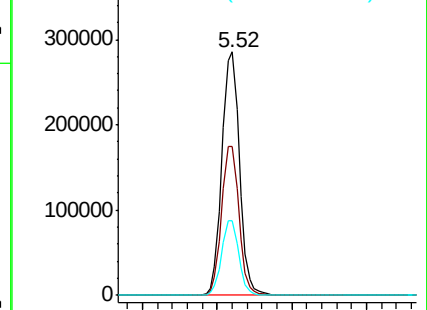
63 30.6 23.5 35.3



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: 31.179 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

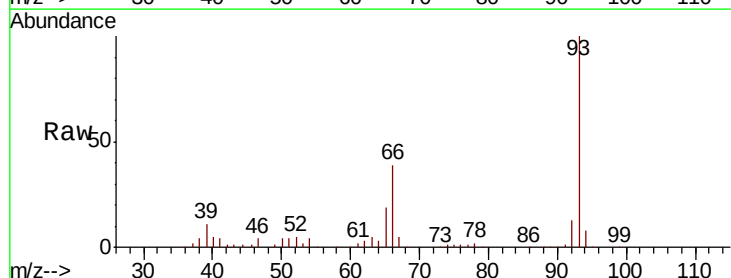
Tgt Ion: 93 Resp: 218844

Ion Ratio Lower Upper

93 100

66 39.0 30.4 45.6

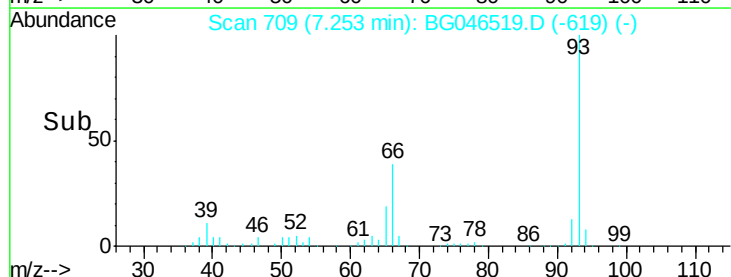
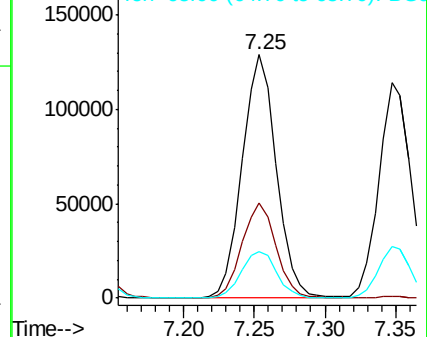
65 19.2 15.8 23.6

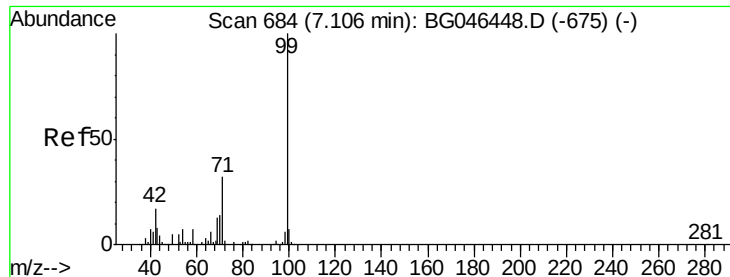


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.119 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

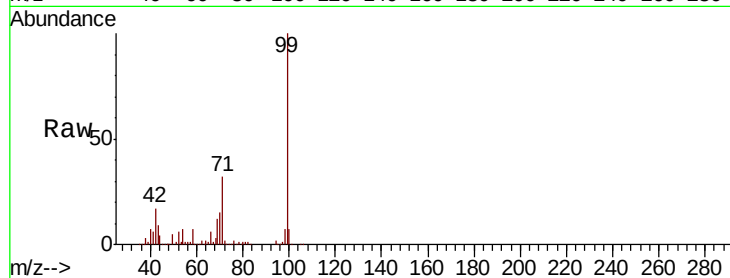
Tot Ion: 99 Resp: 593307

Ion Ratio Lower Upper

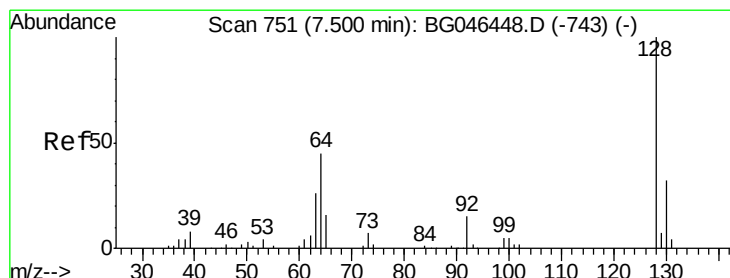
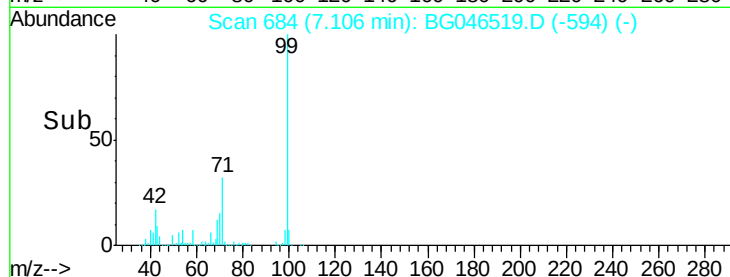
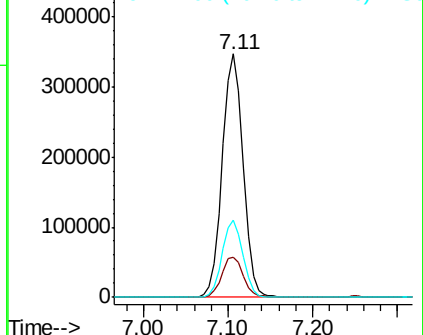
99 100

42 16.6 13.3 19.9

71 31.5 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: 42.279 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

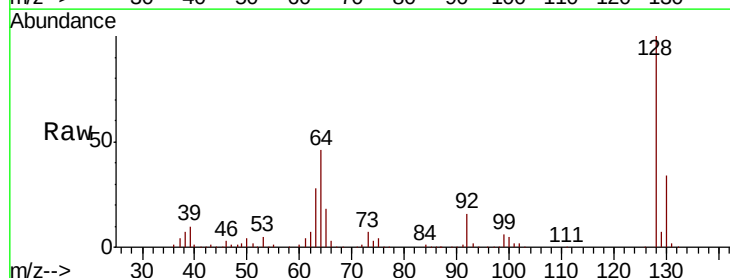
Tgt Ion: 128 Resp: 196617

Ion Ratio Lower Upper

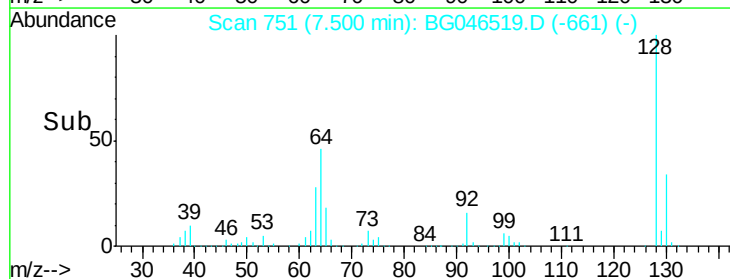
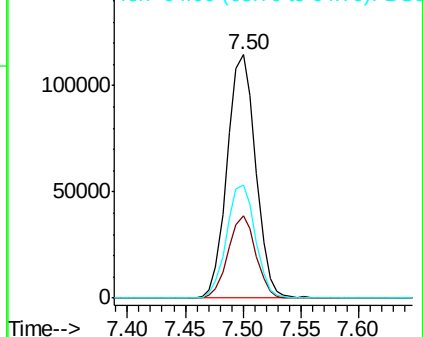
128 100

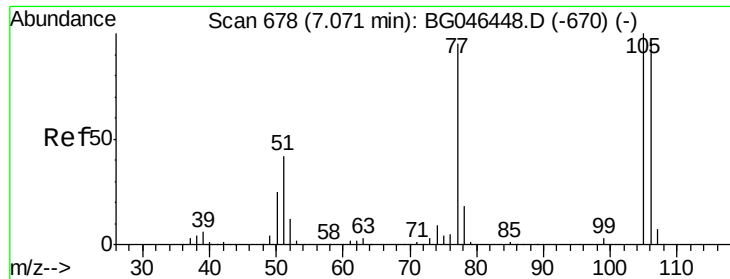
130 33.9 12.4 52.4

64 46.2 28.1 68.1



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

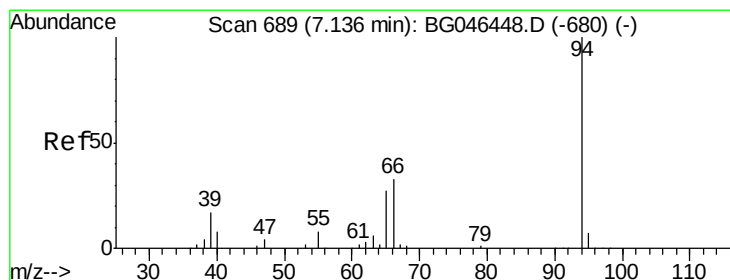
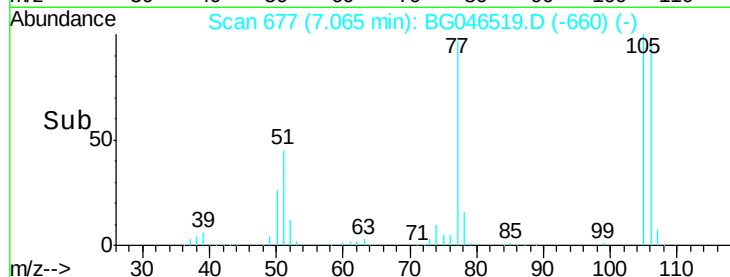
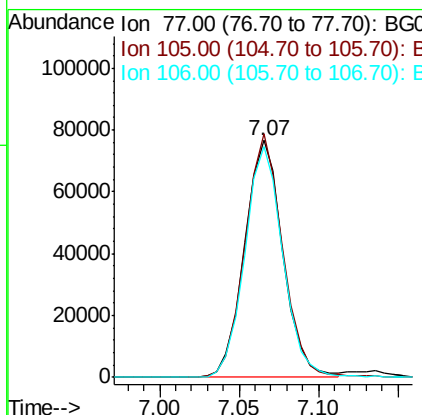
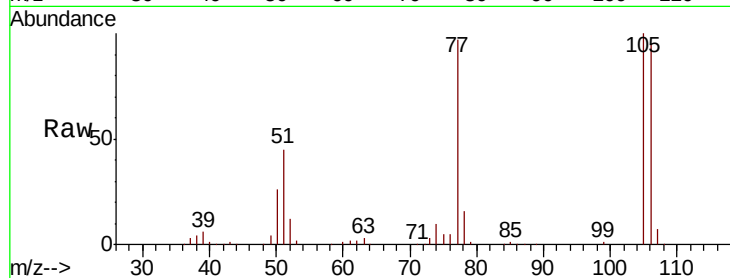




#9
Benzaldehyde
Concen: 36.776 ng
RT: 7.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

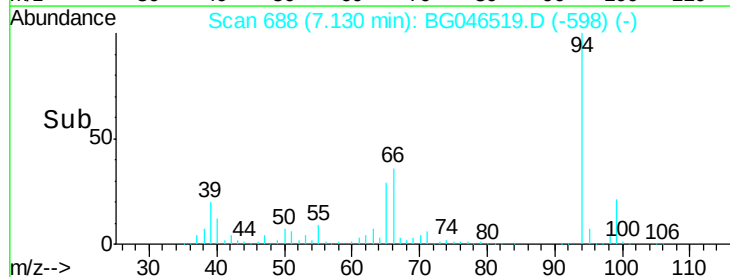
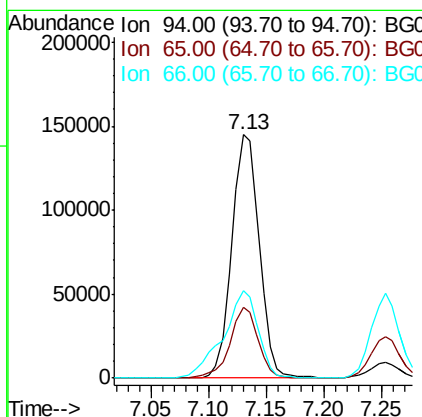
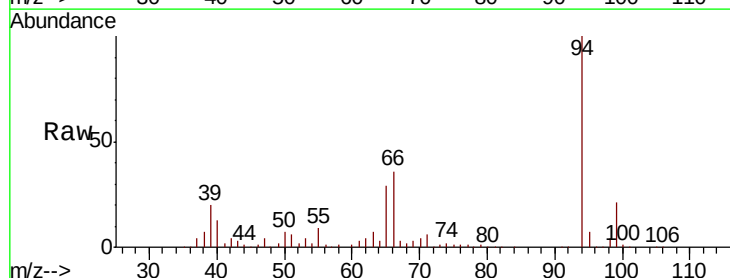
Instrument :
BNA_G
ClientSampleId :
PB131406BS

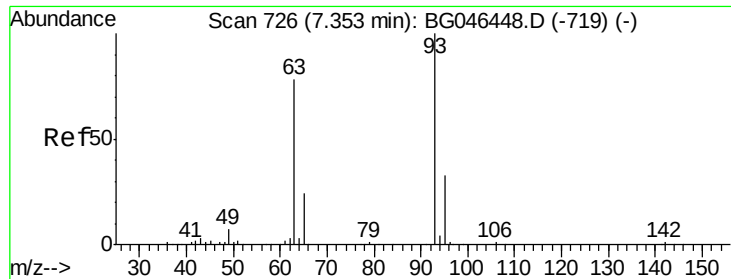
Tot Ion: 77 Resp: 128520
Ion Ratio Lower Upper
77 100
105 102.9 85.6 125.6
106 97.3 80.8 120.8



#10
Phenol
Concen: 41.544 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion: 94 Resp: 238672
Ion Ratio Lower Upper
94 100
65 29.0 7.5 47.5
66 35.8 14.1 54.1

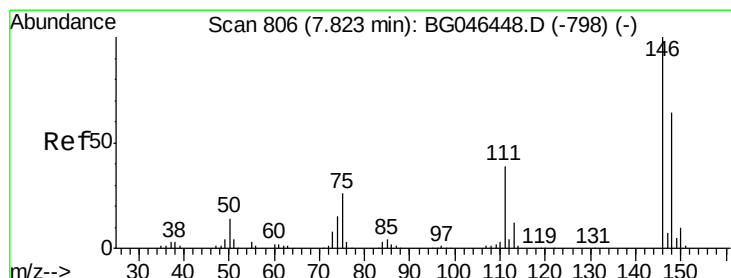
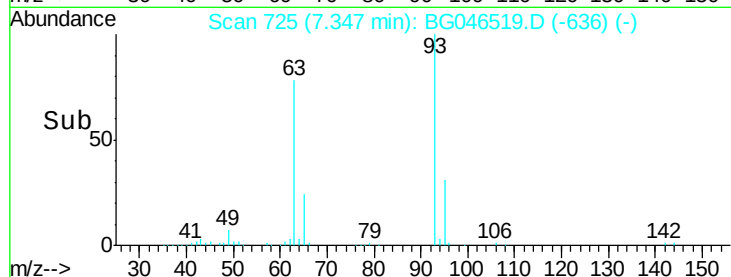
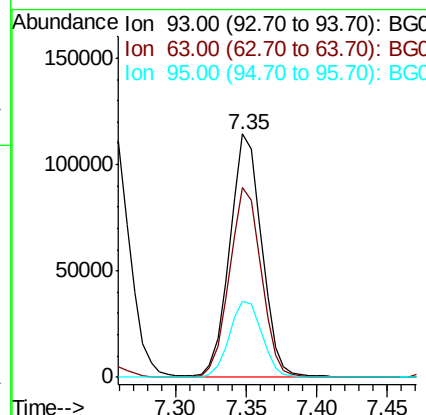
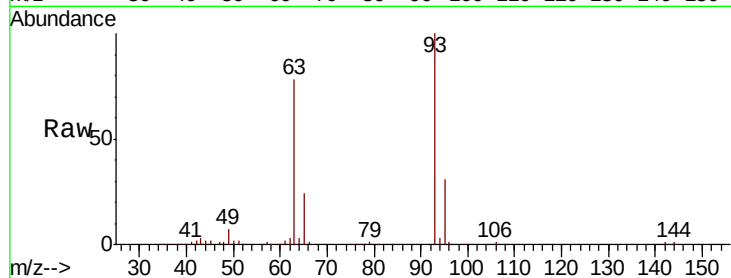




#11
 bis(2-Chloroethyl)ether
 Concen: 38.887 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

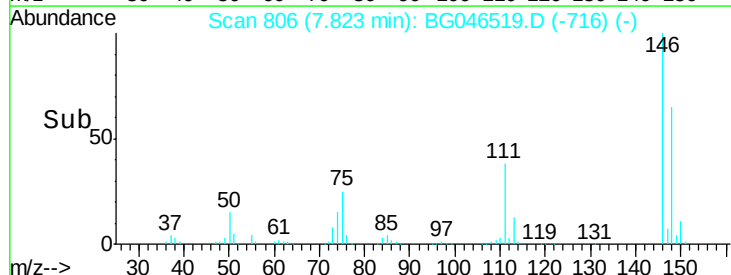
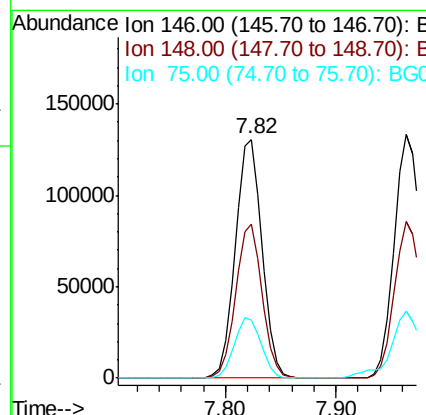
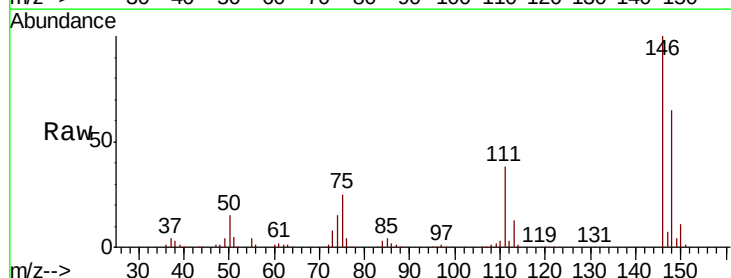
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

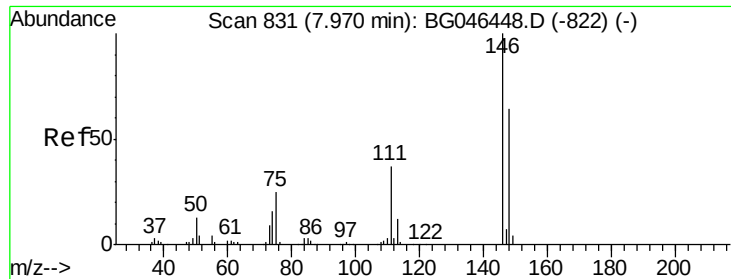
Tot Ion	93	Resp	179578
Ion	Ratio	Lower	Upper
93	100		
63	78.0	57.7	97.7
95	31.2	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 37.460 ng
 RT: 7.82 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	146	Resp	221172
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	24.6	20.7	31.1

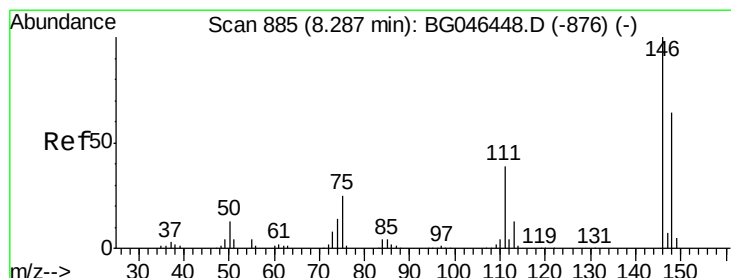
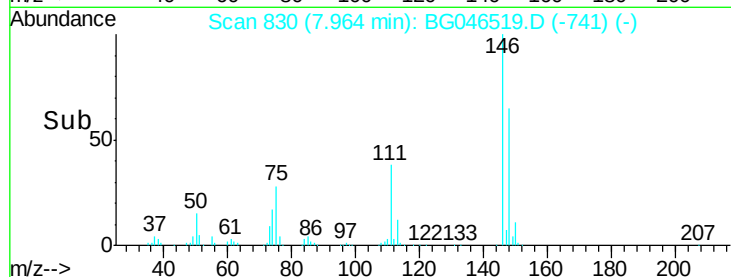
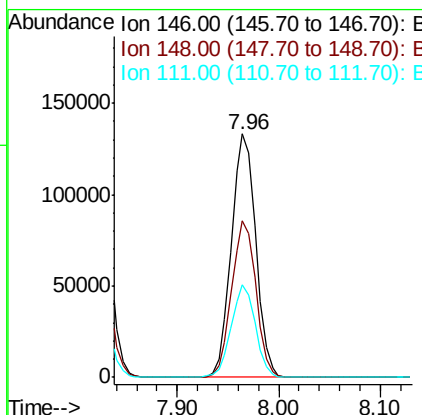
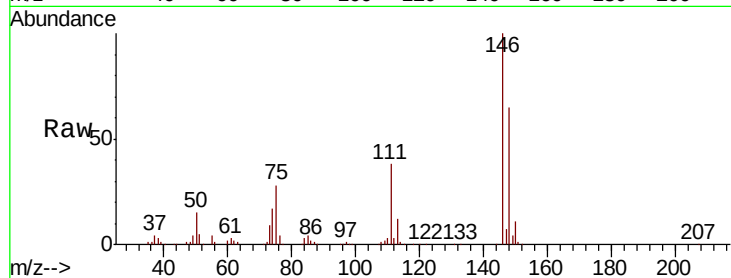




#13
 1,4-Dichlorobenzene
 Concen: 37.609 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

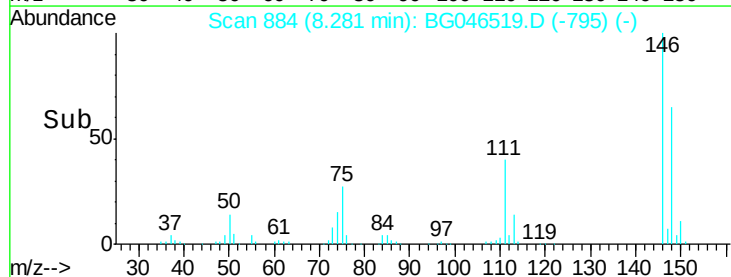
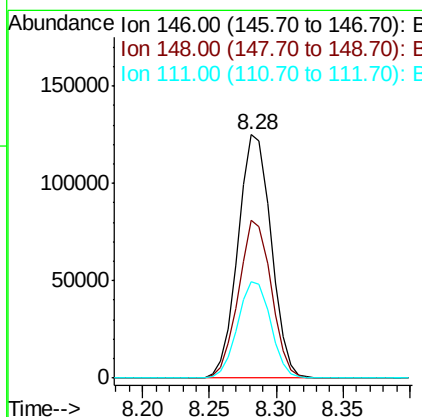
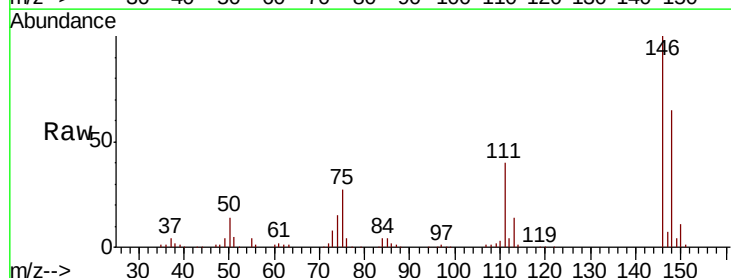
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

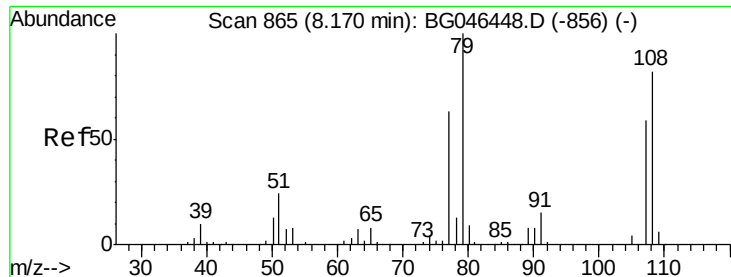
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
111	38.0	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 37.970 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	39.7	31.4	47.2





#15

Benzyl Alcohol

Concen: 41.446 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

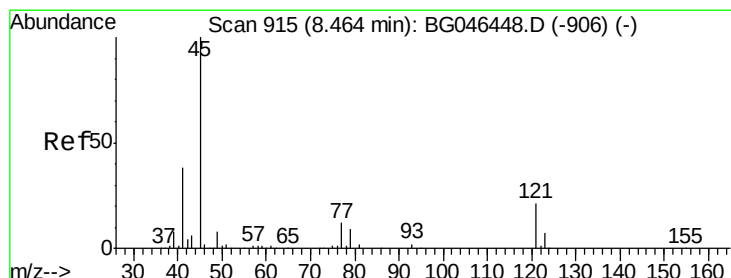
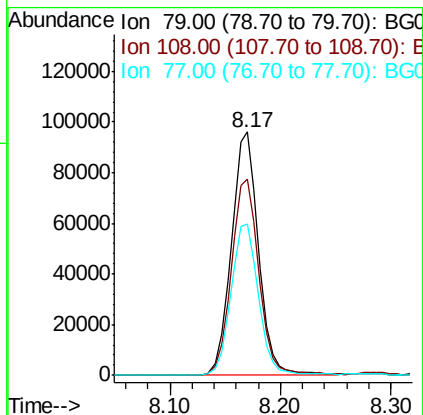
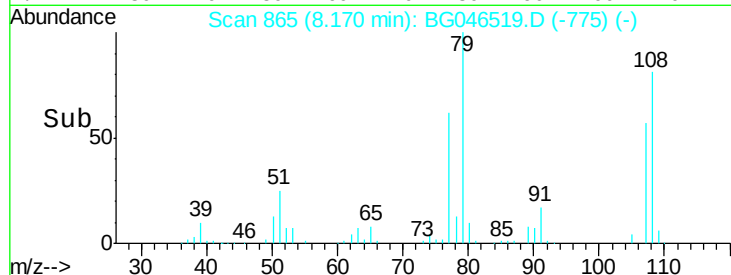
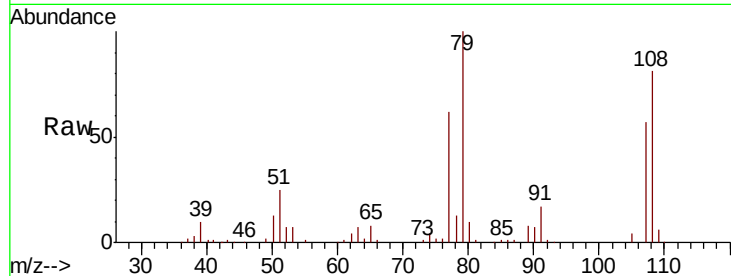
Tot Ion: 79 Resp: 165974

Ion Ratio Lower Upper

79 100

108 80.8 65.7 98.5

77 62.2 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.002 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

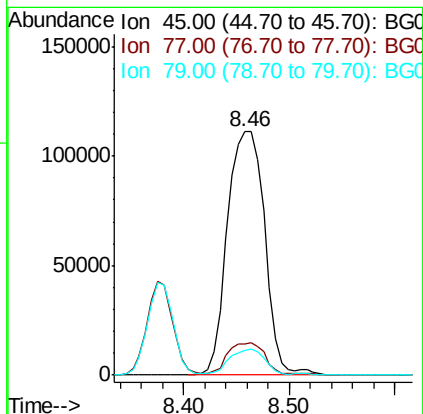
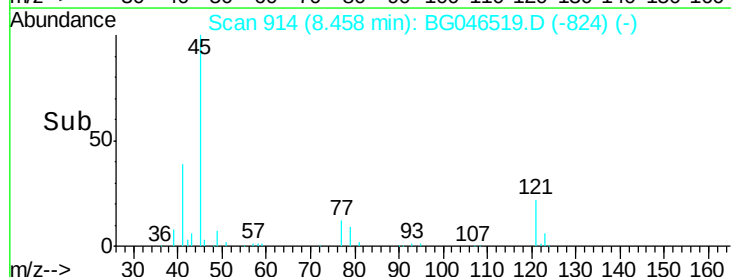
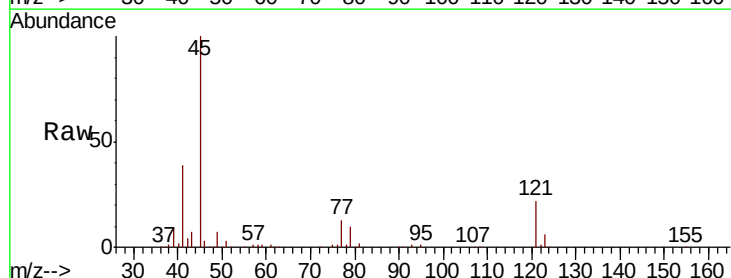
Tgt Ion: 45 Resp: 272209

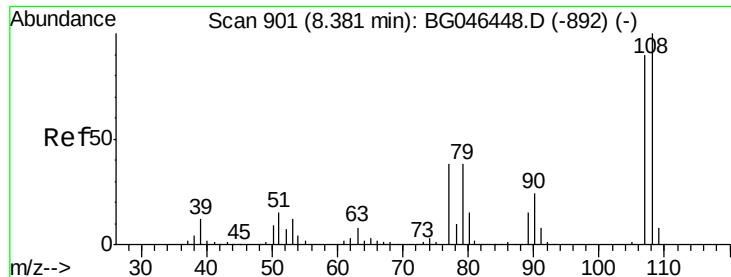
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

79 10.0 0.0 30.3





#17

2-Methylphenol

Concen: 41.647 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

Tot Ion:107 Resp: 169685

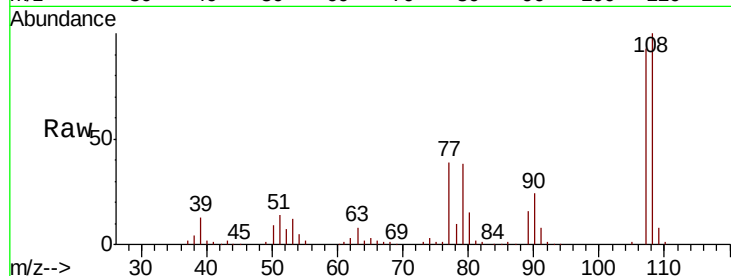
Ion Ratio Lower Upper

107 100

108 108.0 89.4 134.0

77 41.9 34.5 51.7

79 41.4 33.8 50.6

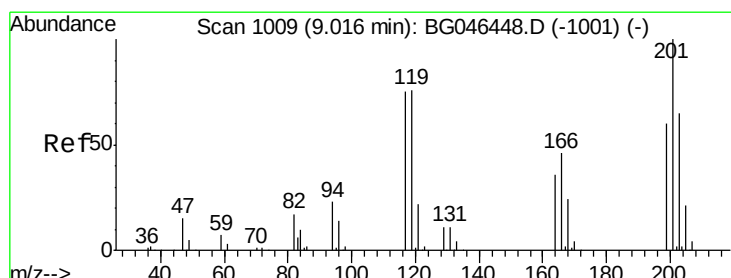
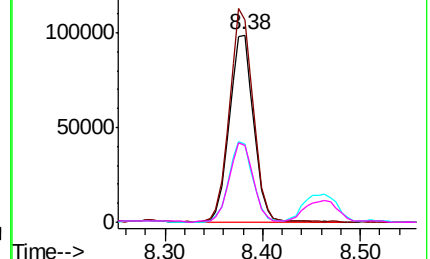
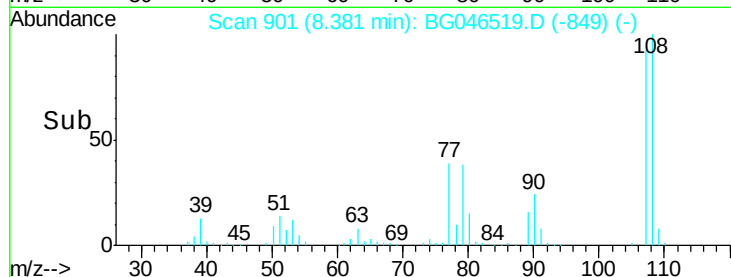


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.041 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

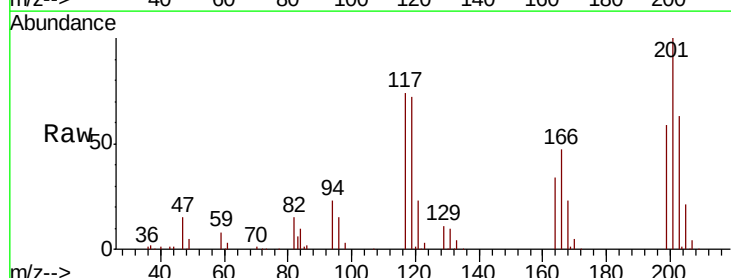
Tgt Ion:117 Resp: 74237

Ion Ratio Lower Upper

117 100

119 97.8 80.8 121.2

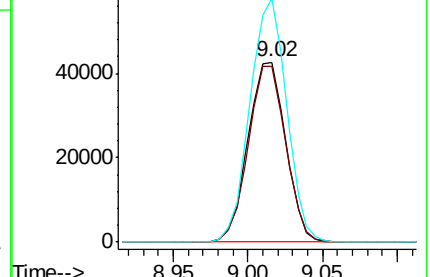
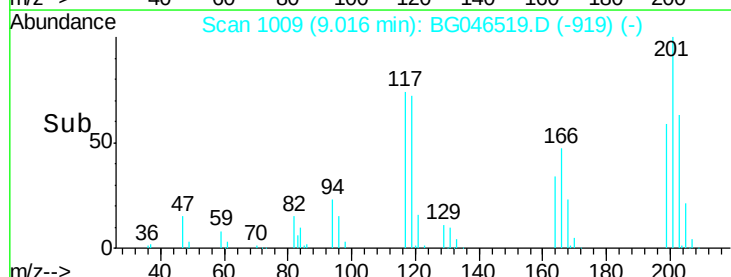
201 135.5 106.7 160.1

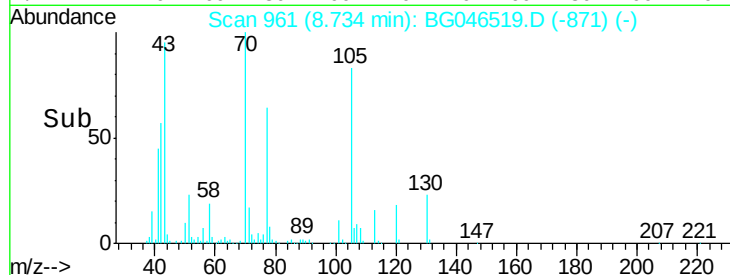
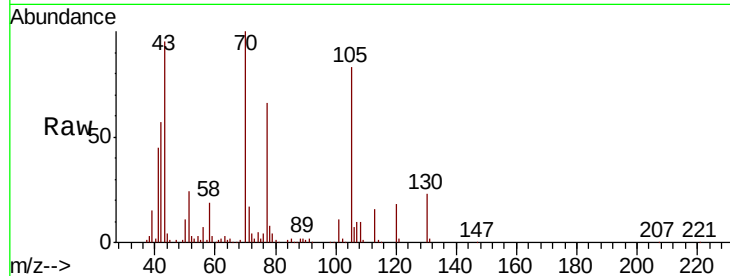
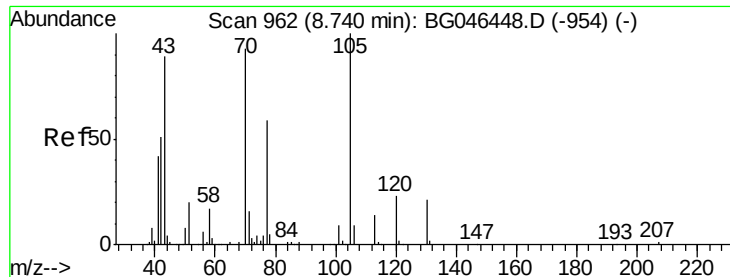


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

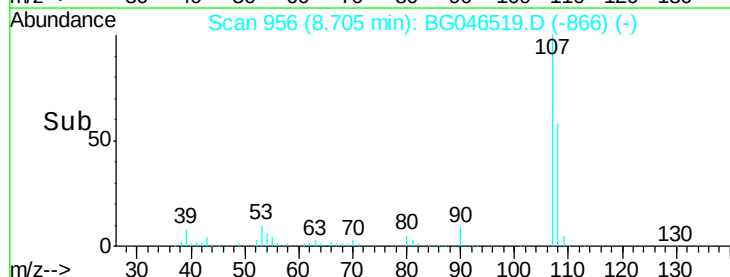
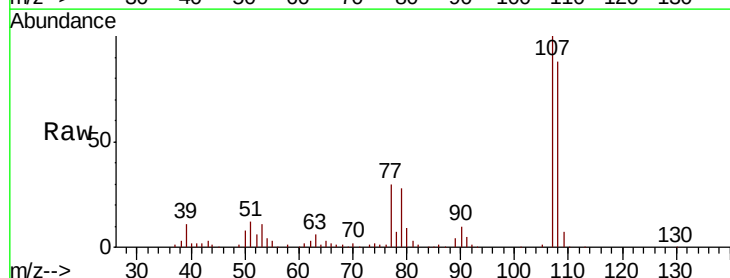
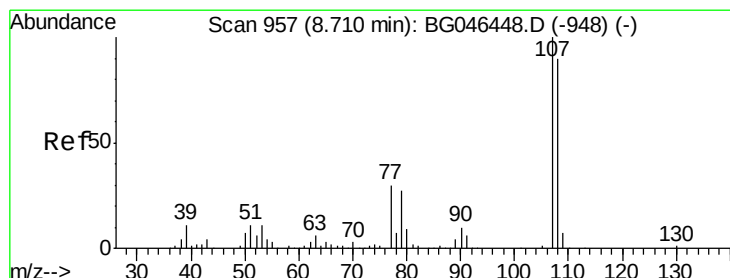
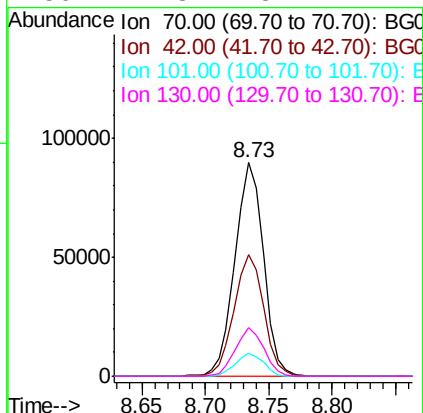




#19
n-Nitroso-di-n-propylamine
Concen: 37.528 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

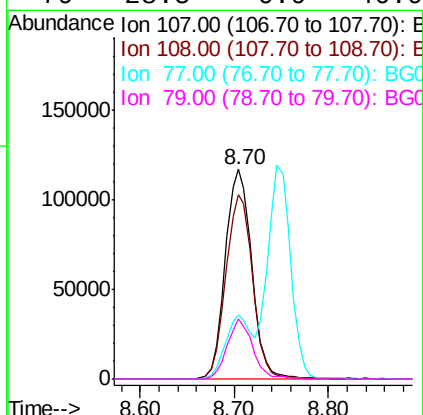
Instrument :
BNA_G
ClientSampleId :
PB131406BS

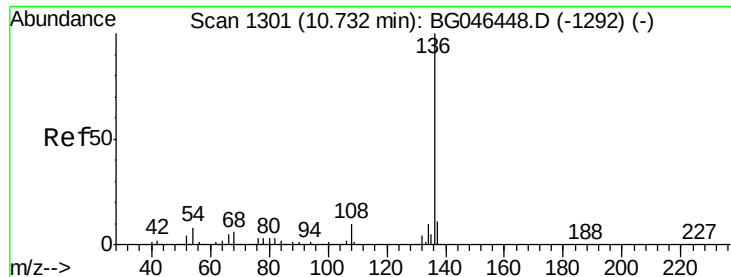
Tot Ion:	70	Resp:	140019
Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.2	66.2
101	10.8	7.8	11.8
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.732 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:	107	Resp:	229068
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.7	109.7
77	30.3	9.7	49.7
79	28.5	6.9	46.9

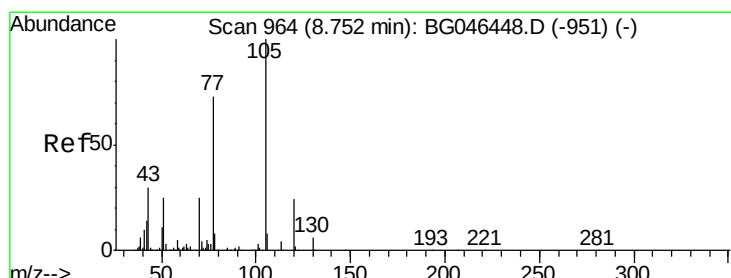
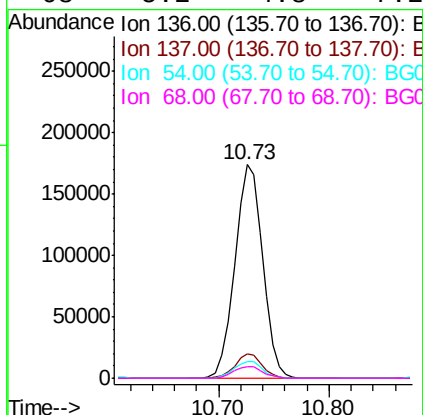
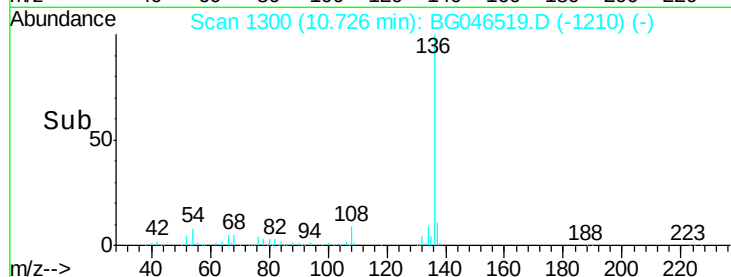
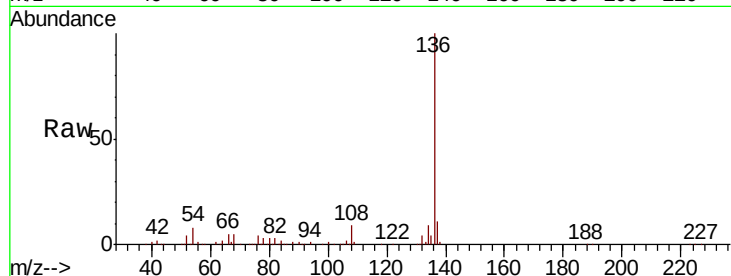




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

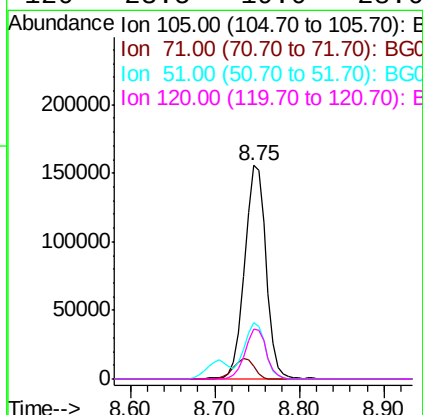
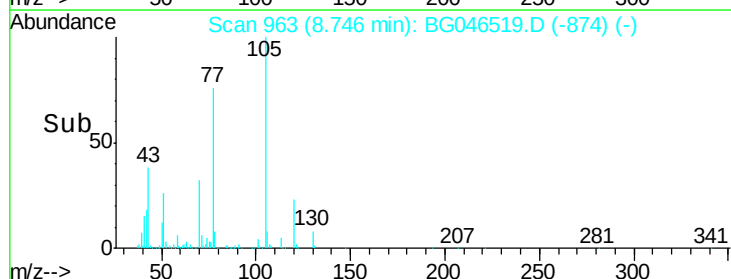
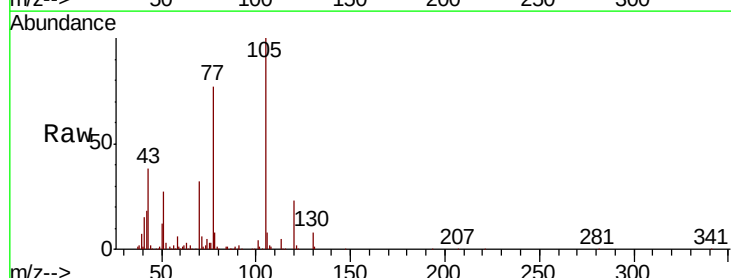
Instrument :
BNA_G
ClientSampleId :
PB131406BS

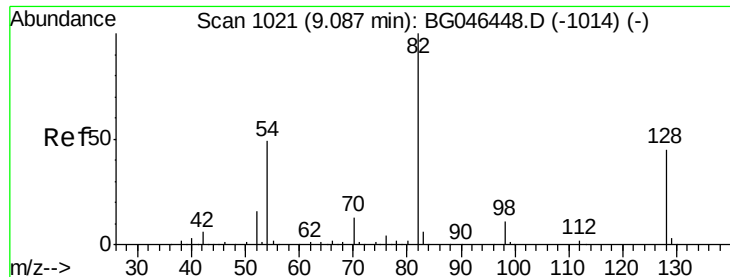
Tot Ion:136	Resp:	306416
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	7.7	6.1 9.1
68	5.2	4.8 7.2



#22
Acetophenone
Concen: 36.860 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:105	Resp:	274930
Ion	Ratio	Lower Upper
105	100	
71	6.1	3.3 4.9#
51	26.5	20.6 31.0
120	23.5	19.0 28.6

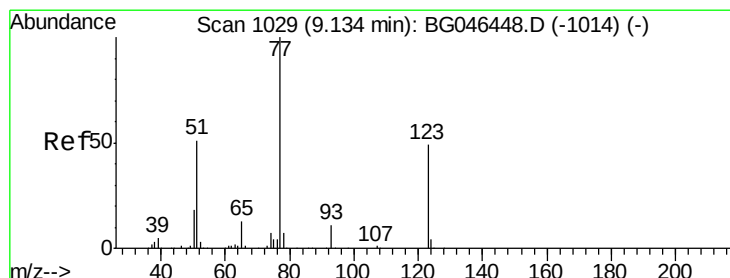
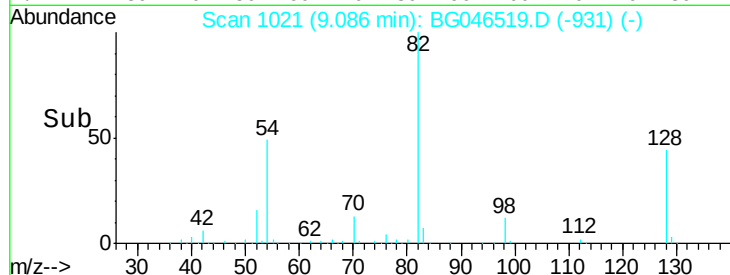
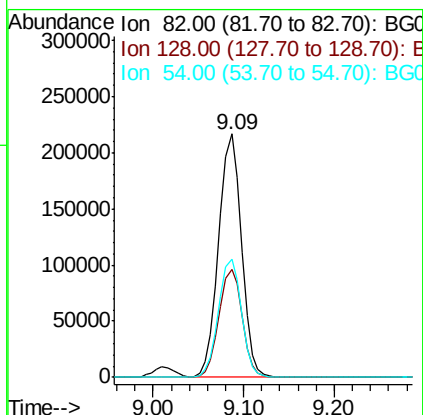
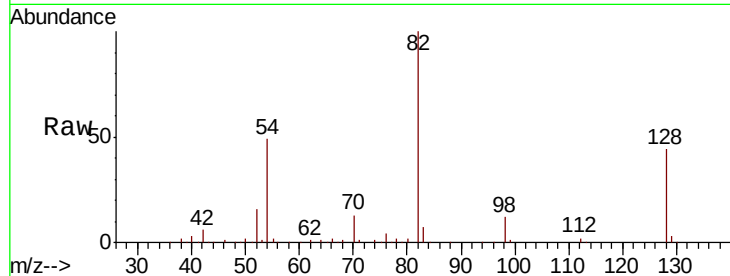




#23
 Nitrobenzene-d5
 Concen: 70.569 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

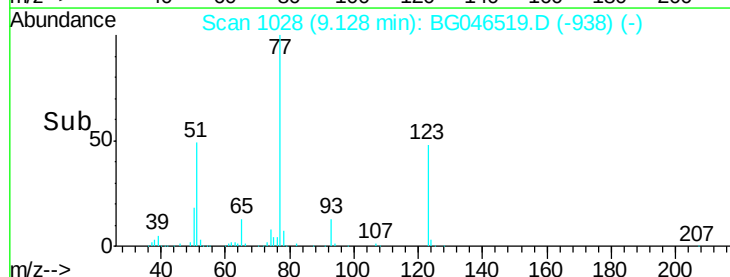
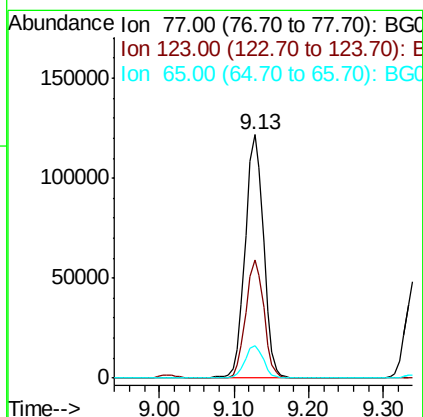
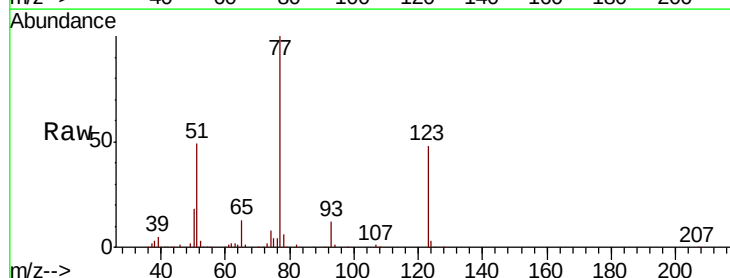
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

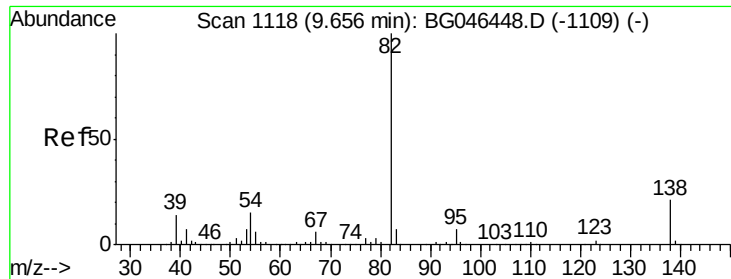
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	48.8	39.4	59.0



#24
 Nitrobenzene
 Concen: 39.320 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	39.6	59.4
65	13.2	10.1	15.1





#25

Isophorone

Concen: 39.011 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

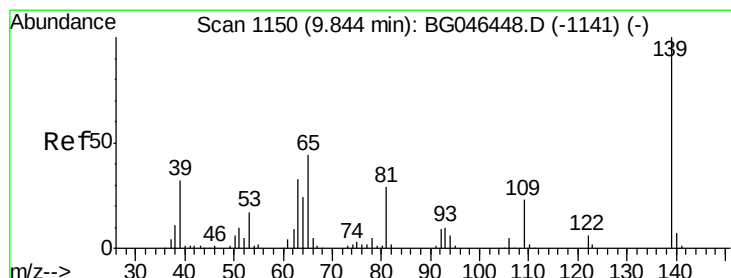
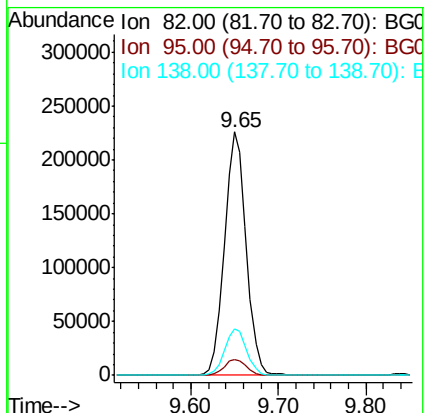
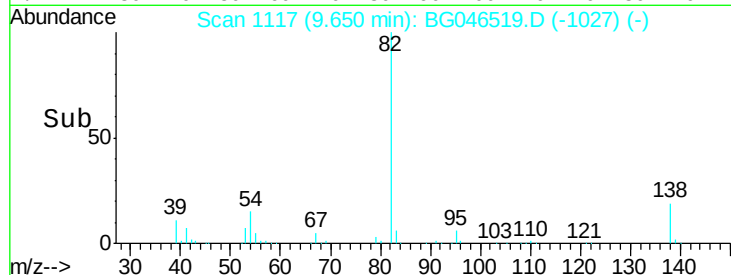
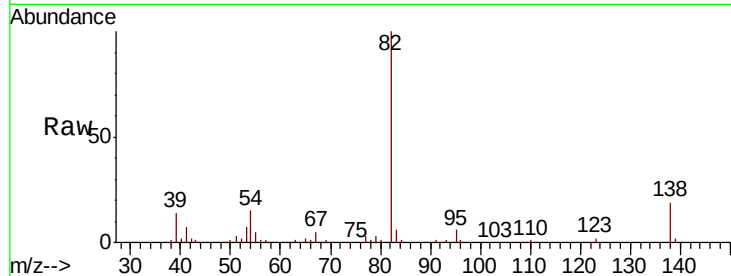
Tot Ion: 82 Resp: 383434

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 19.1 16.4 24.6



#26

2-Nitrophenol

Concen: 40.072 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

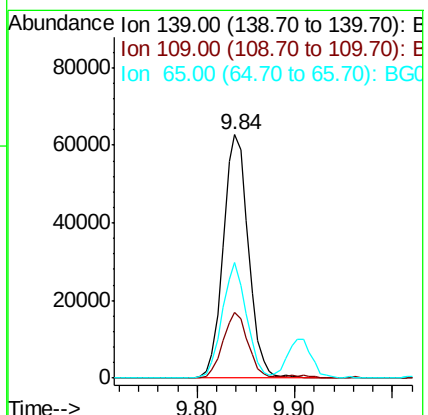
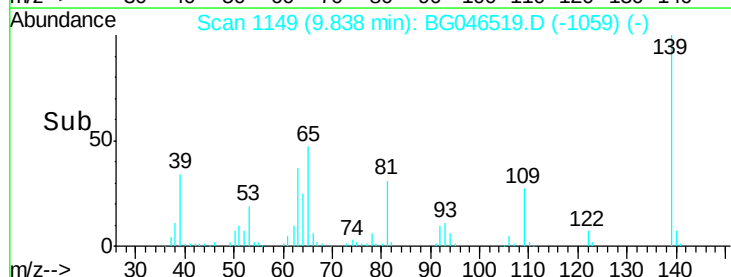
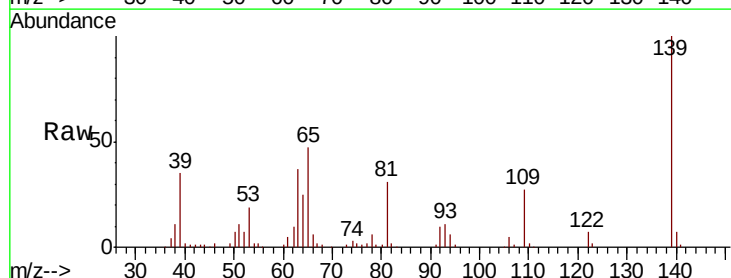
Tgt Ion: 139 Resp: 111980

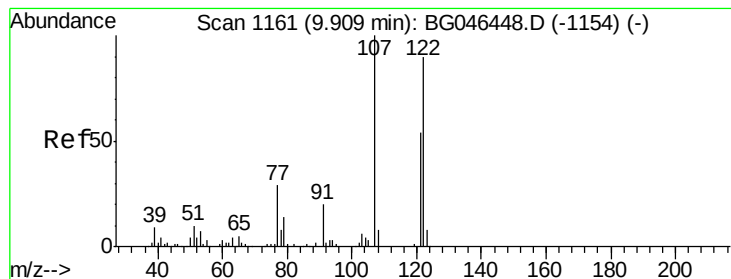
Ion Ratio Lower Upper

139 100

109 27.0 18.8 28.2

65 47.4 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 47.637 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

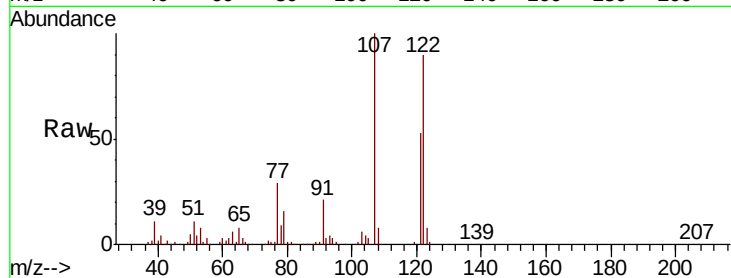
Tot Ion:122 Resp: 183092

Ion Ratio Lower Upper

122 100

107 111.1 88.2 132.2

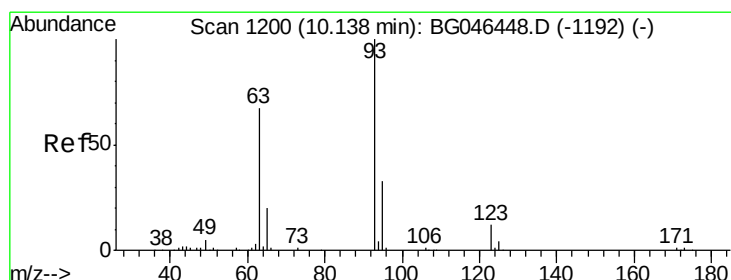
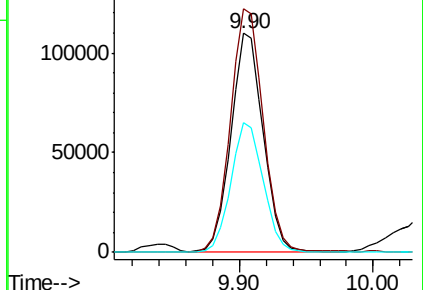
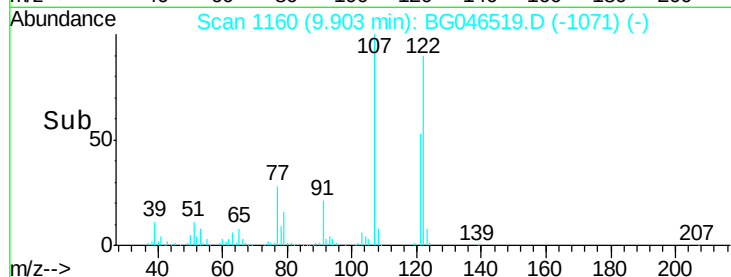
121 59.1 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.157 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

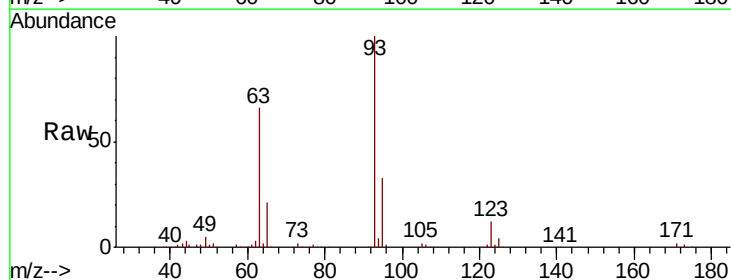
Tgt Ion: 93 Resp: 241392

Ion Ratio Lower Upper

93 100

95 33.3 26.1 39.1

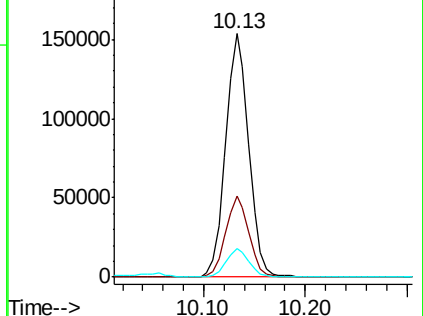
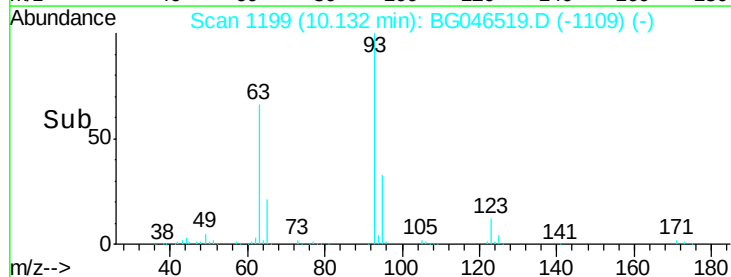
123 11.9 9.5 14.3

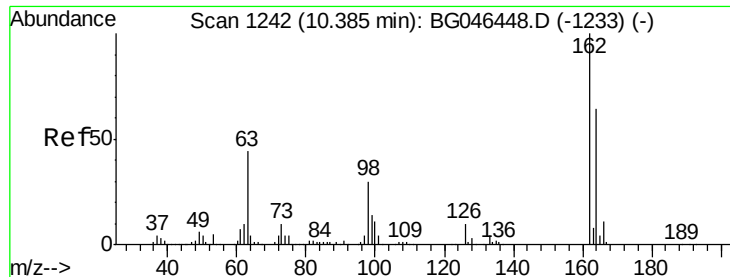


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

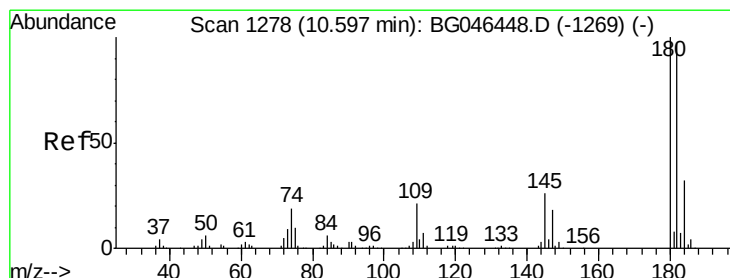
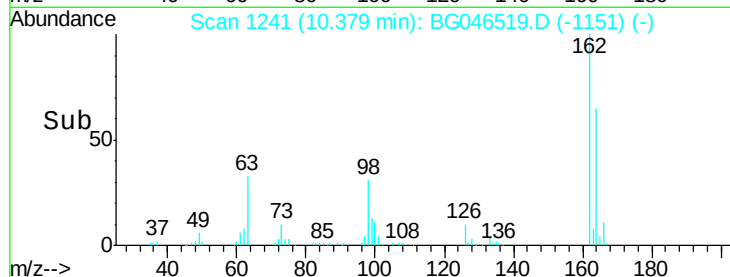
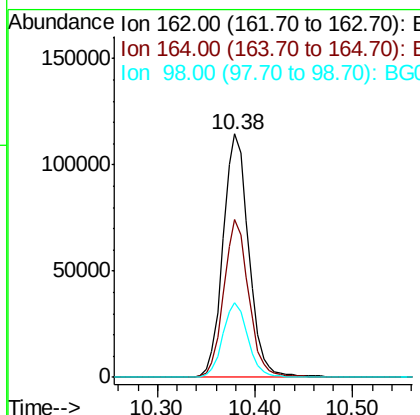
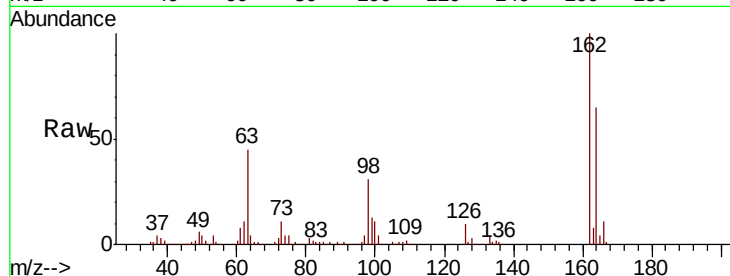




#29
 2,4-Dichlorophenol
 Concen: 40.839 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

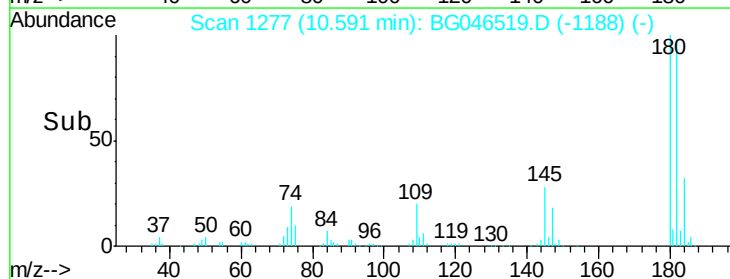
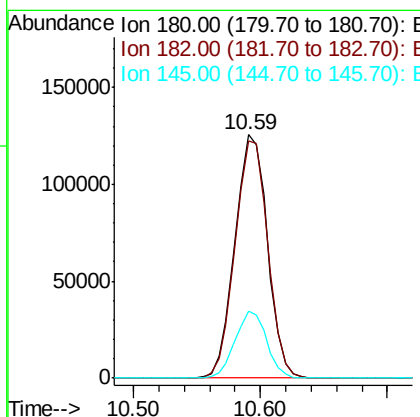
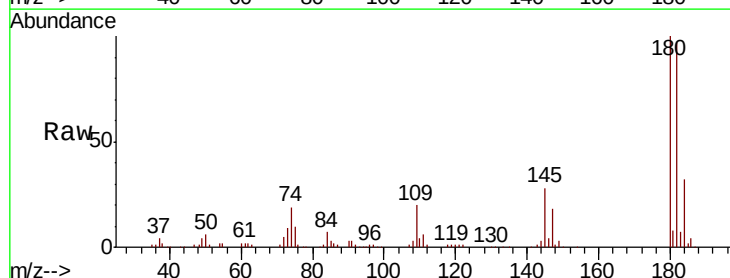
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

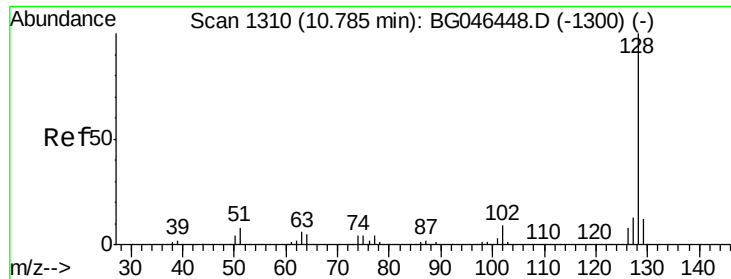
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.3	84.3
98	30.9	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.672 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.8	116.8
145	27.6	20.9	31.3

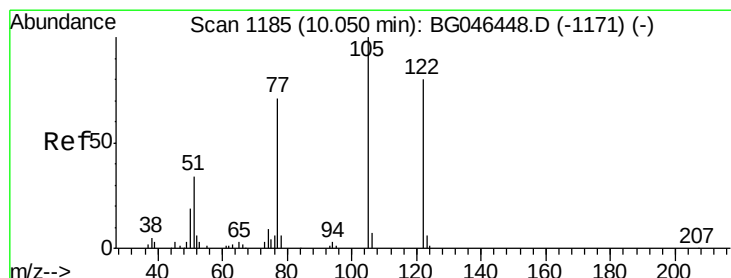
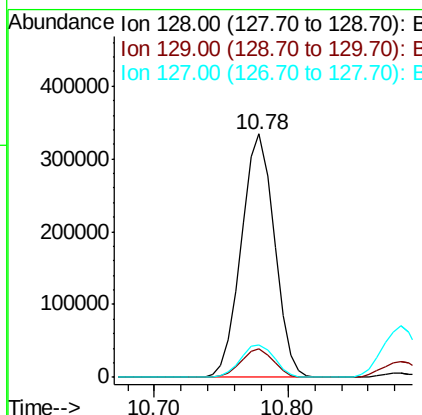
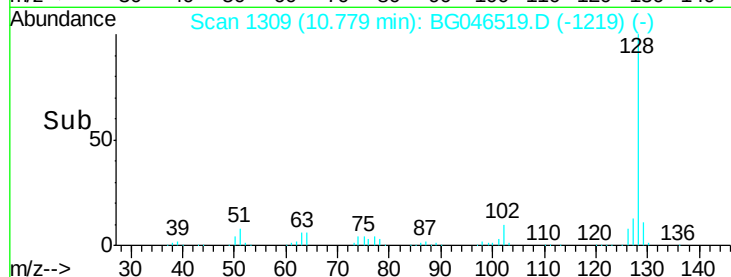
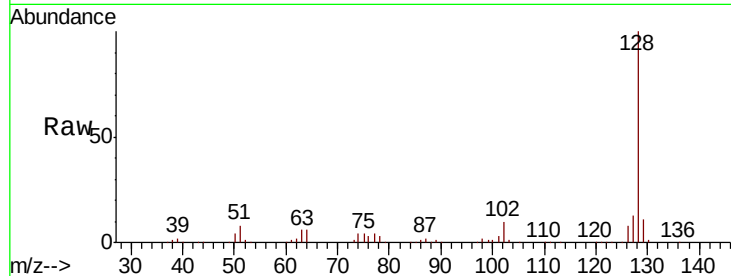




#31
Naphthalene
Concen: 38.406 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

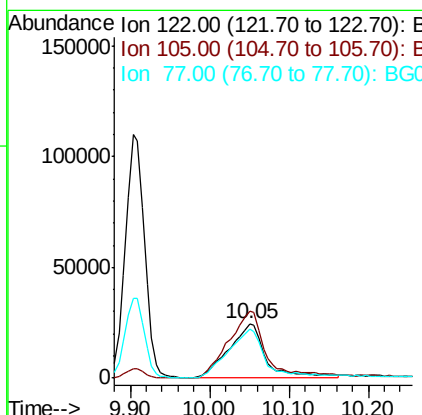
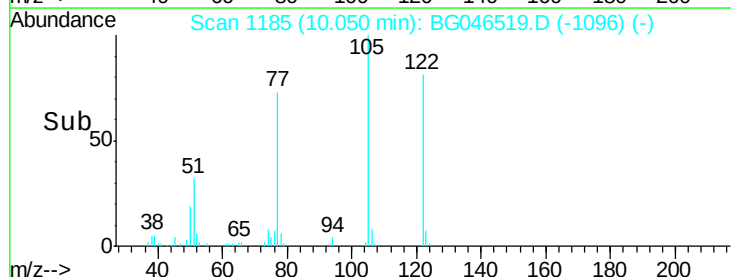
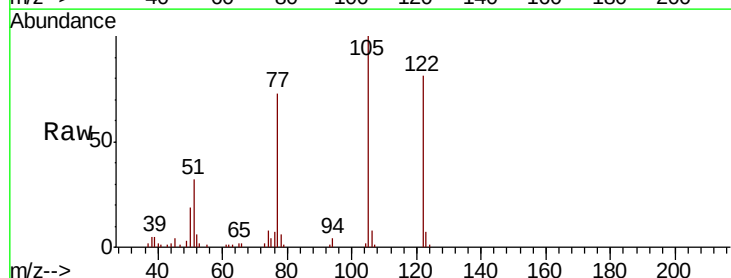
Instrument :
BNA_G
ClientSampleId :
PB131406BS

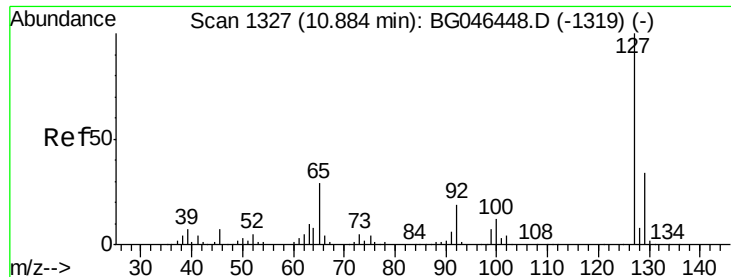
Tot Ion:128 Resp: 574599
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 31.293 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:122 Resp: 76696
Ion Ratio Lower Upper
122 100
105 123.7 102.5 142.5
77 90.4 68.2 108.2

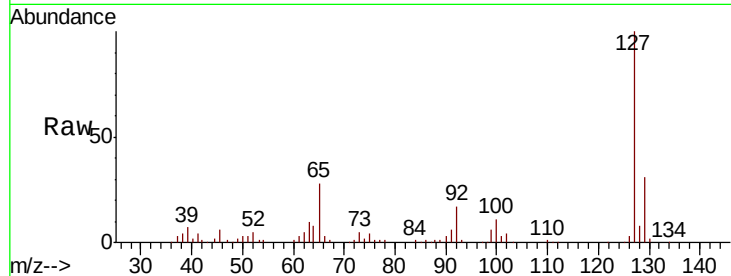




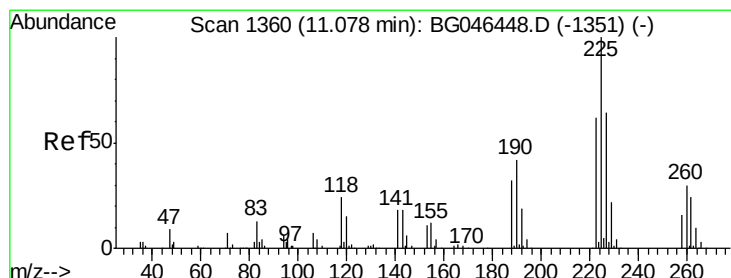
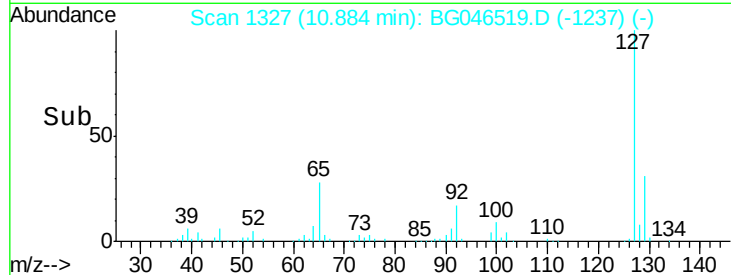
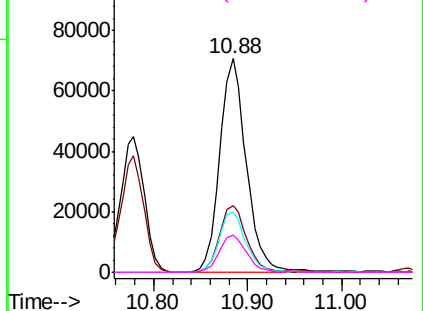
#33
4-Chloroaniline
Concen: 21.223 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:	127	Resp:	140016
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	28.0	23.5	35.3
92	17.2	14.9	22.3

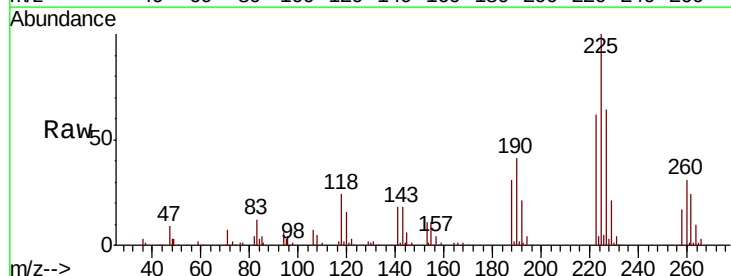


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

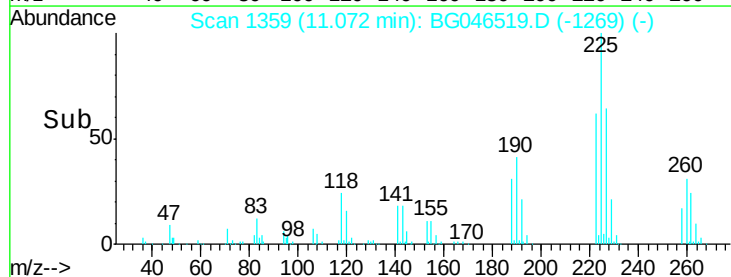
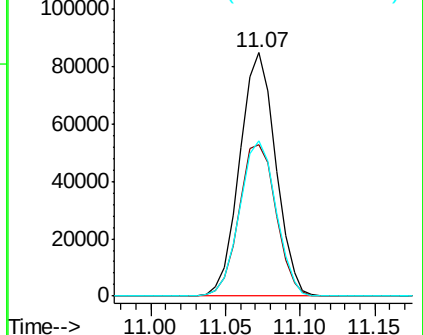


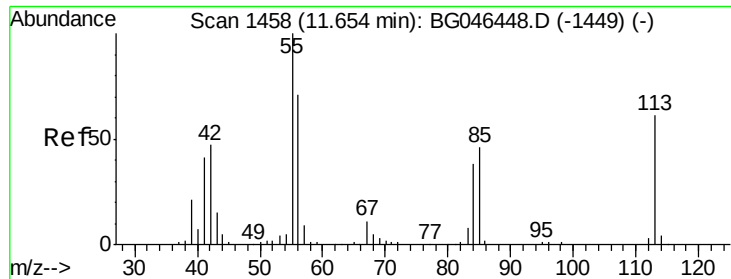
#34
Hexachlorobutadiene
Concen: 35.978 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:	225	Resp:	141983
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	63.6	51.6	77.4



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

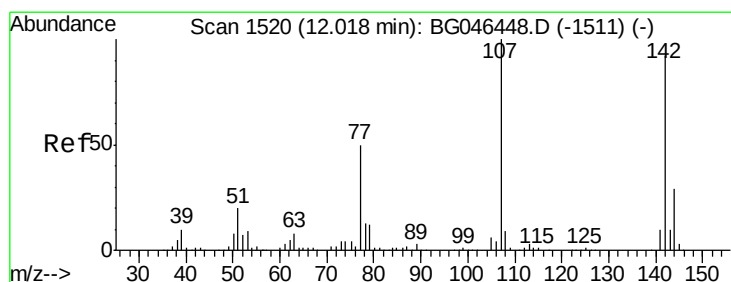
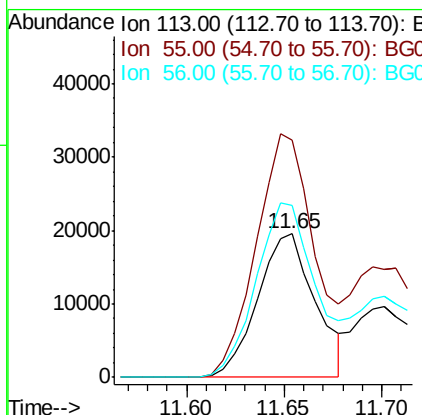
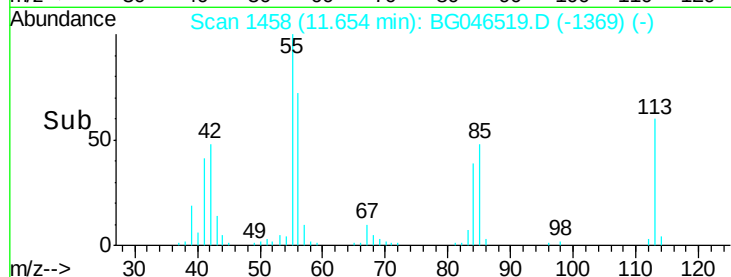
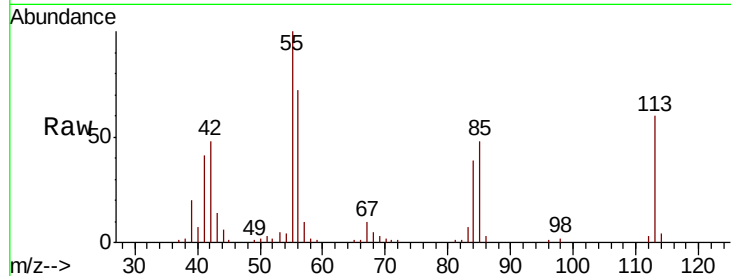




#35
Caprolactam
Concen: 20.757 ng
RT: 11.65 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

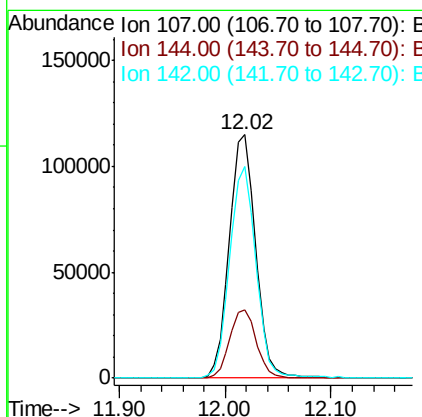
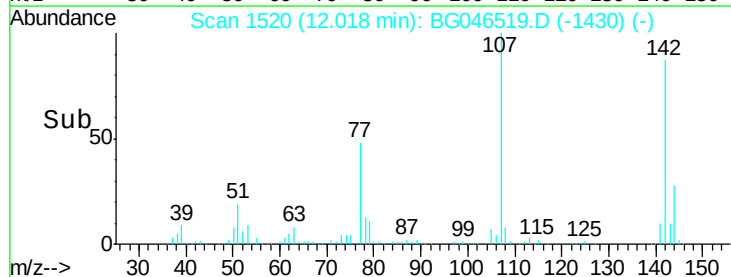
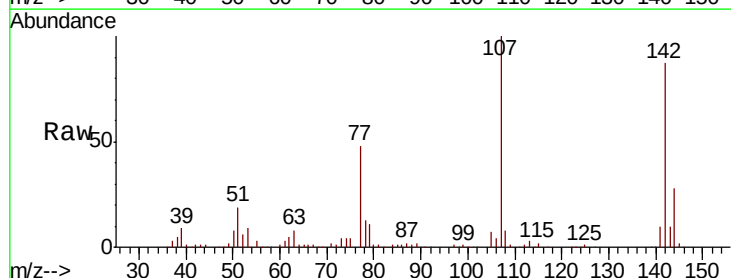
Instrument :
BNA_G
ClientSampleId :
PB131406BS

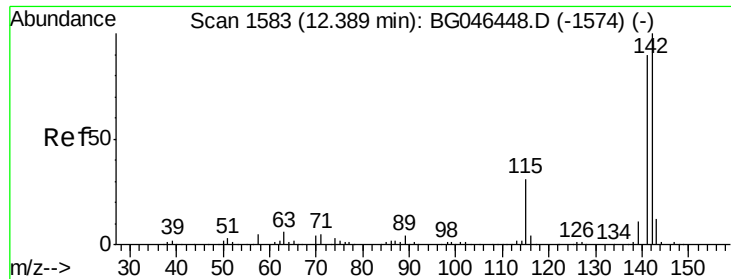
Tot Ion:113 Resp: 39755
Ion Ratio Lower Upper
113 100
55 165.8 144.2 184.2
56 119.6 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 39.623 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:107 Resp: 198561
Ion Ratio Lower Upper
107 100
144 28.3 23.3 34.9
142 87.0 73.7 110.5

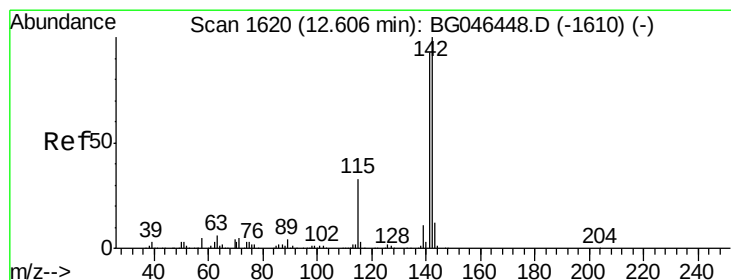
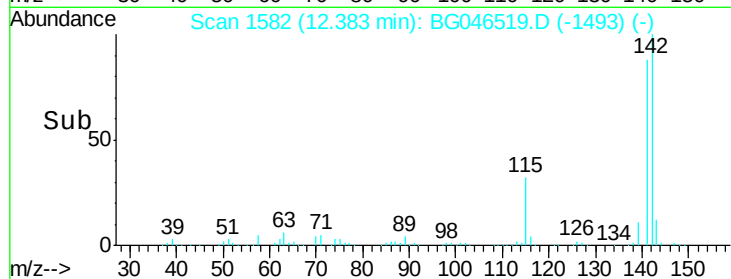
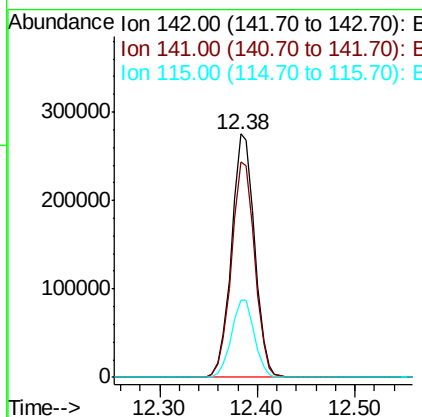
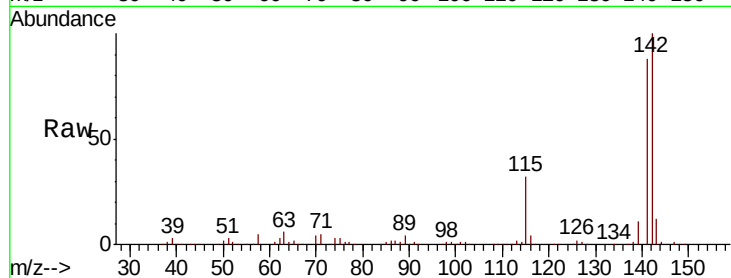




#37
2-Methylnaphthalene
Concen: 38.231 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

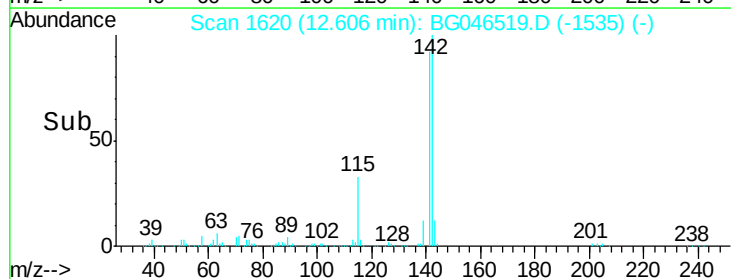
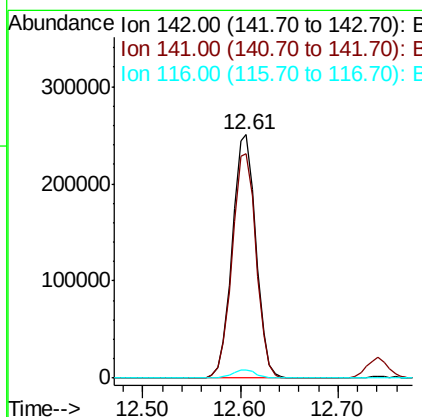
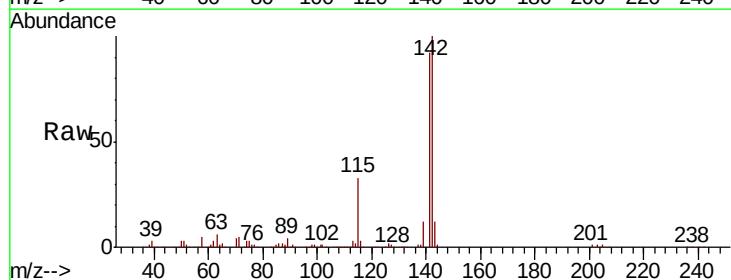
Instrument :
BNA_G
ClientSampleId :
PB131406BS

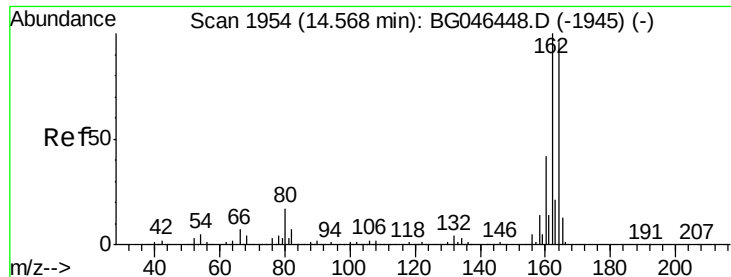
Tot Ion:142 Resp: 451105
Ion Ratio Lower Upper
142 100
141 88.4 72.1 108.1
115 31.7 24.9 37.3



#38
1-Methylnaphthalene
Concen: 37.506 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:142 Resp: 419194
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 3.4 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: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

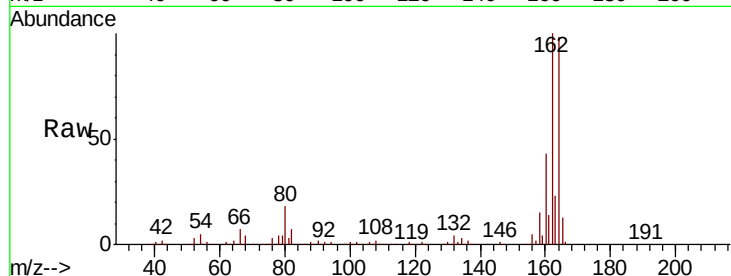
Tot Ion:164 Resp: 201070

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

160 44.0 35.0 52.6

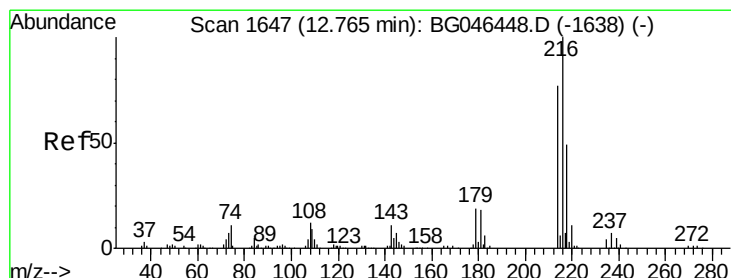
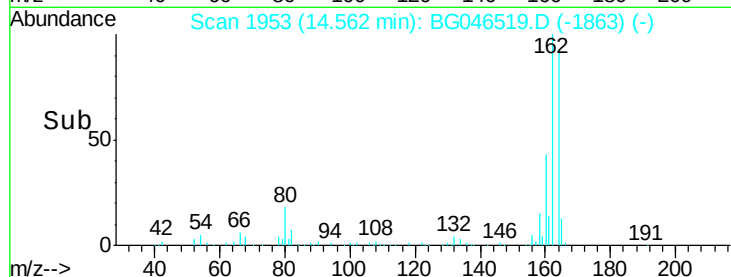
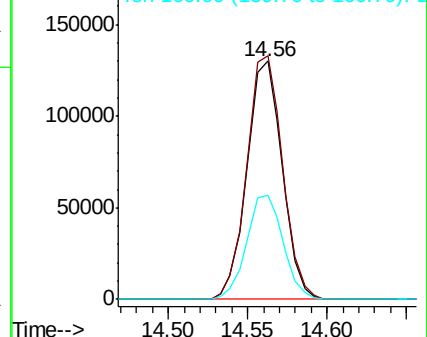


Abundance

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: 39.681 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:216 Resp: 263106

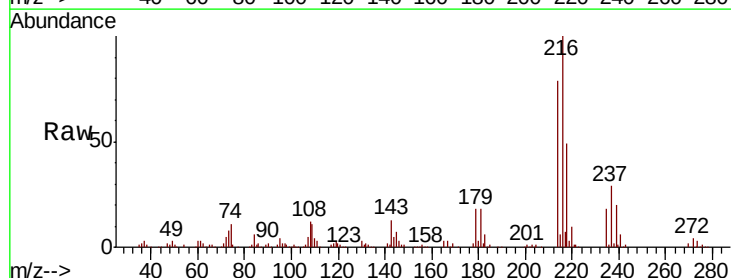
Ion Ratio Lower Upper

216 100

214 78.3 62.1 93.1

179 18.6 14.9 22.3

108 15.0 10.5 15.7



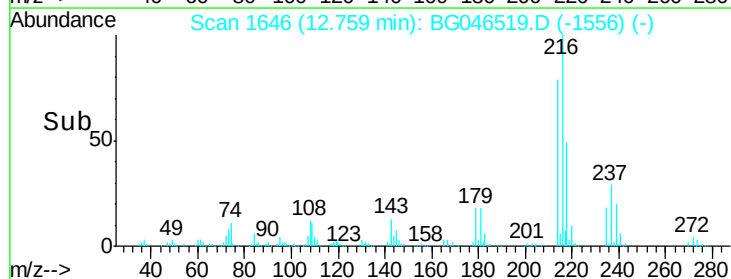
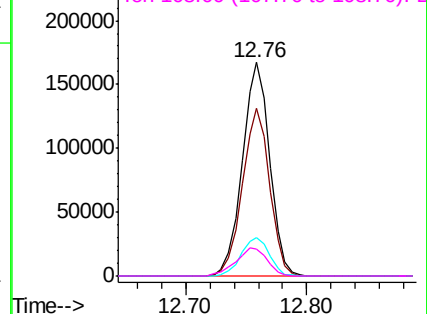
Abundance

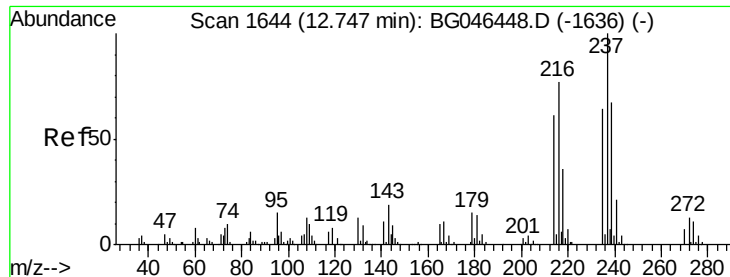
Ion 216.00 (215.70 to 216.70): E

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

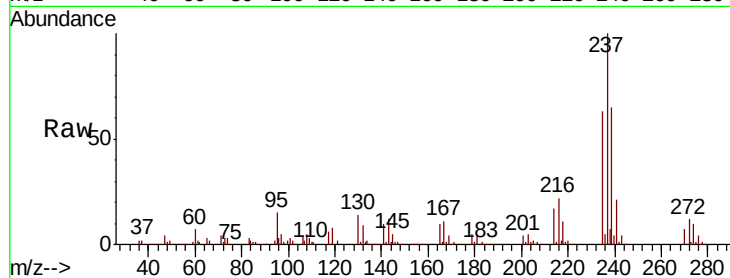




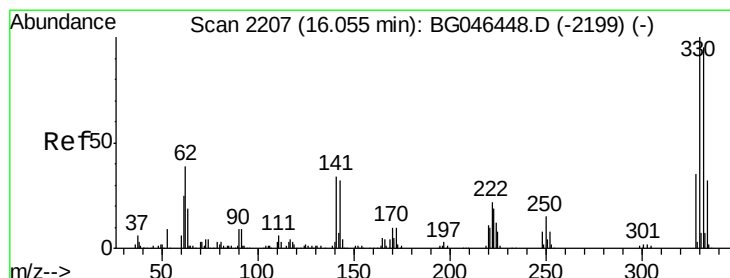
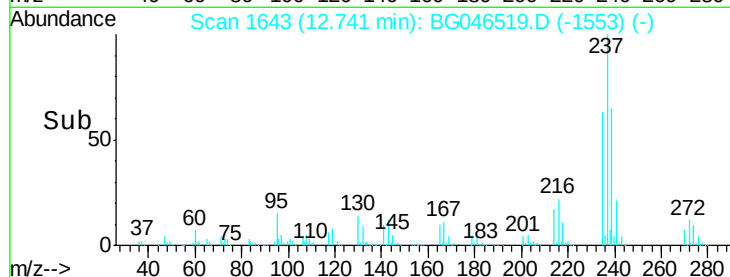
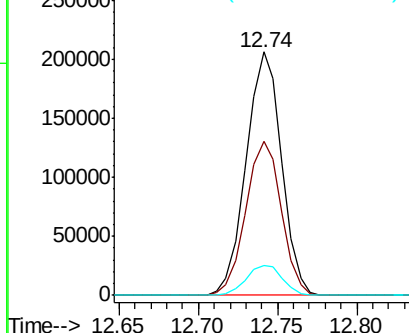
#41
Hexachlorocyclopentadiene
Concen: 110.680 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:237 Resp: 319103
Ion Ratio Lower Upper
237 100
235 63.3 44.5 84.5
272 12.1 0.0 32.8

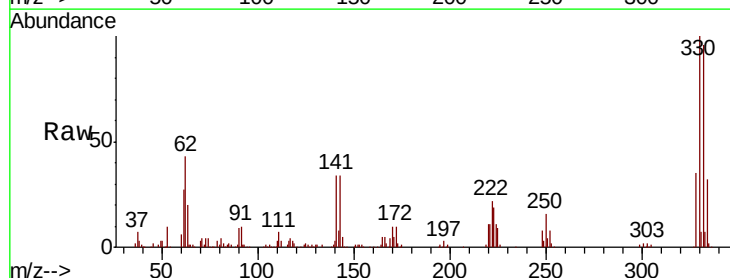


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

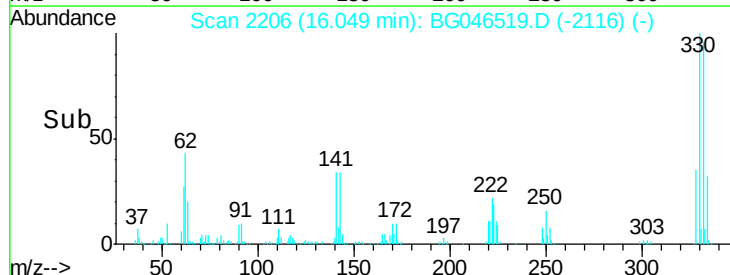
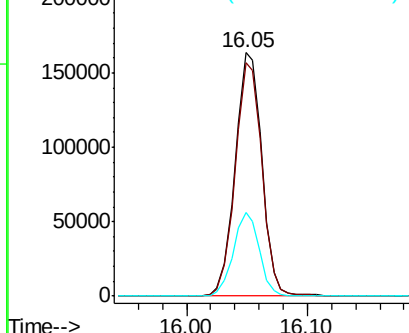


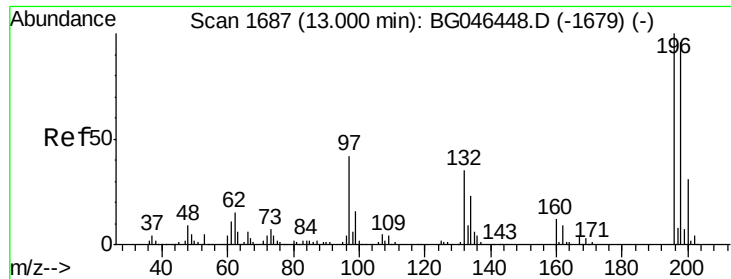
#42
2,4,6-Tribromophenol
Concen: 92.821 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:330 Resp: 252879
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 33.6 26.1 39.1



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

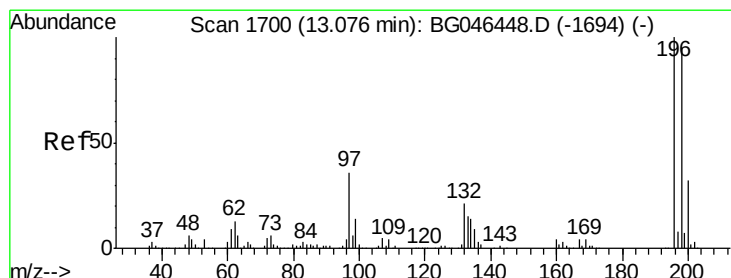
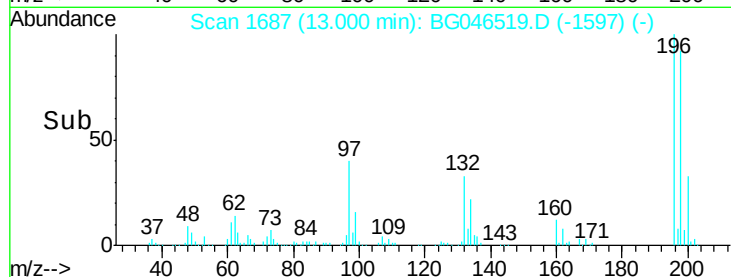
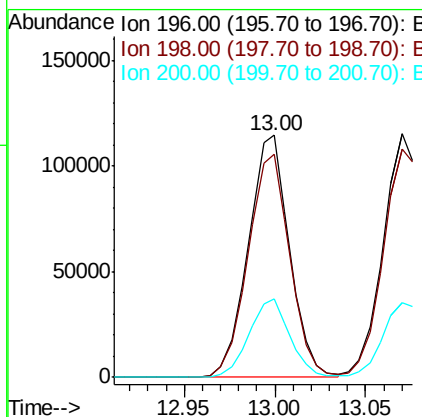
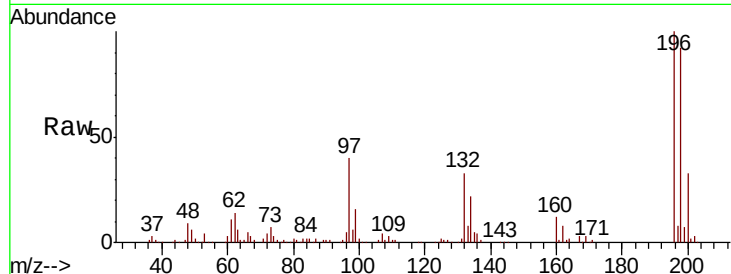




#43
 2,4,6-Trichlorophenol
 Concen: 40.363 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

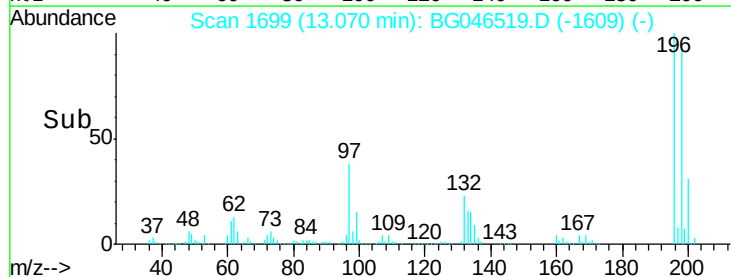
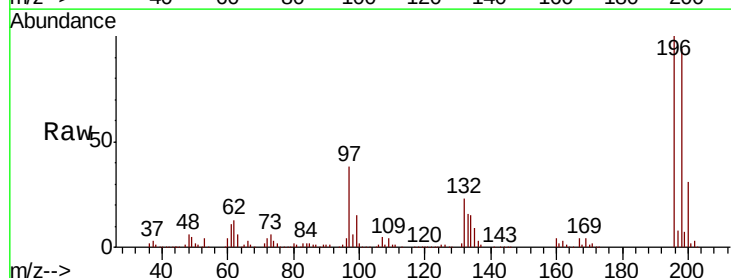
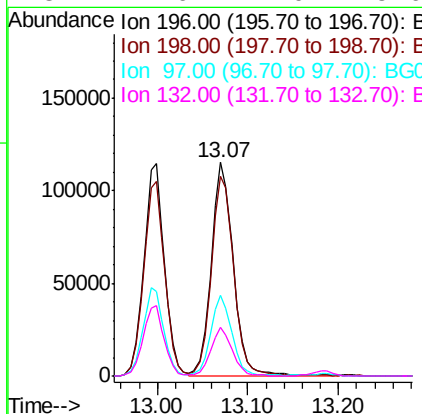
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

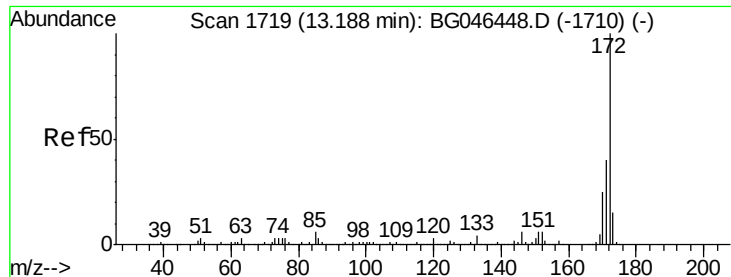
Tot Ion:196 Resp: 180604
 Ion Ratio Lower Upper
 196 100
 198 91.9 77.0 115.6
 200 32.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.970 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion:196 Resp: 192607
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.6 113.4
 97 37.5 28.6 43.0
 132 22.6 17.0 25.6

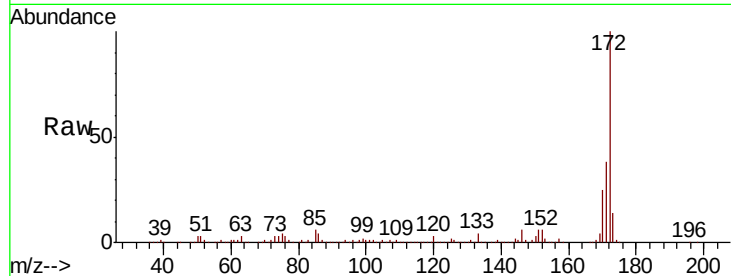




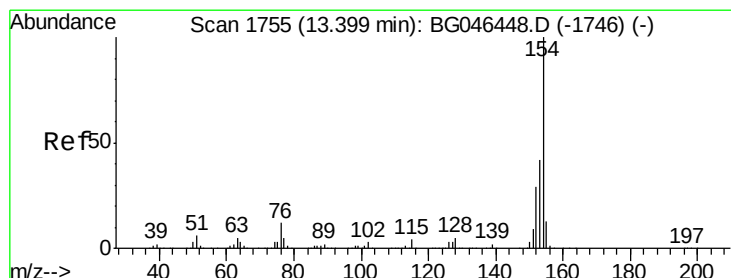
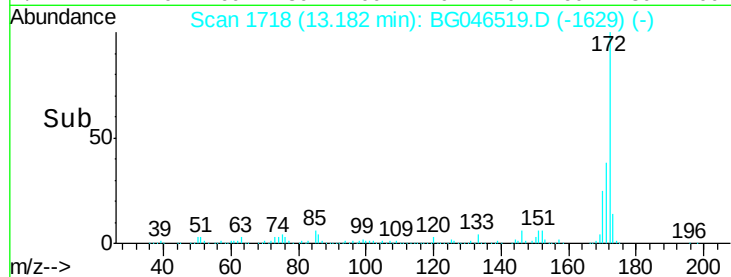
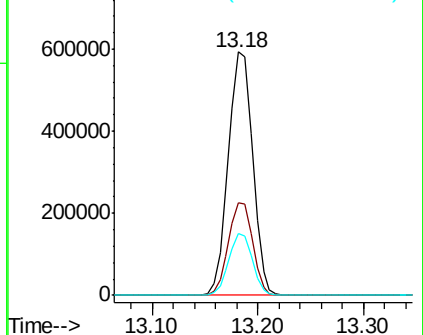
#45
2-Fluorobiphenyl
Concen: 71.753 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:172 Resp: 945094
Ion Ratio Lower Upper
172 100
171 38.1 31.8 47.6
170 25.3 20.3 30.5

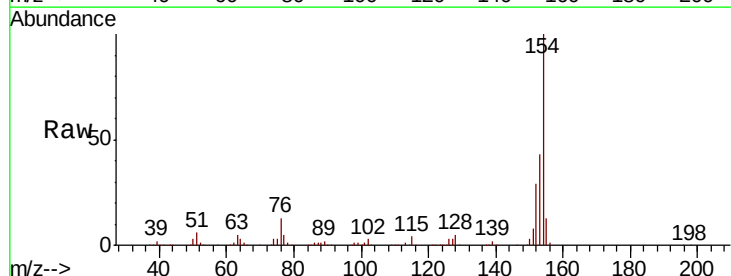


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

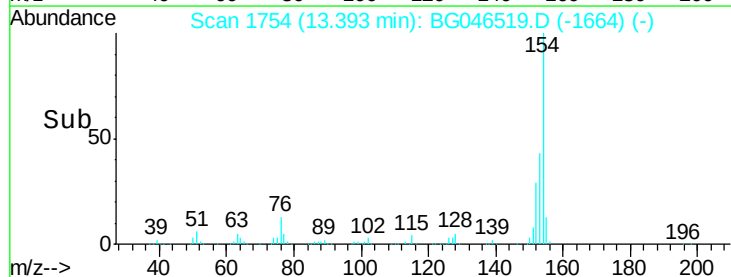
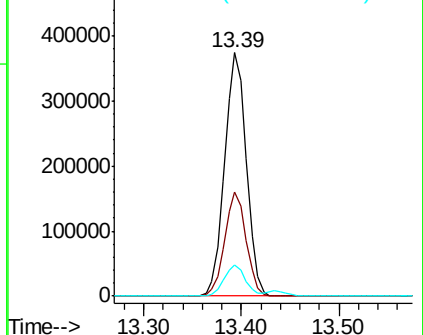


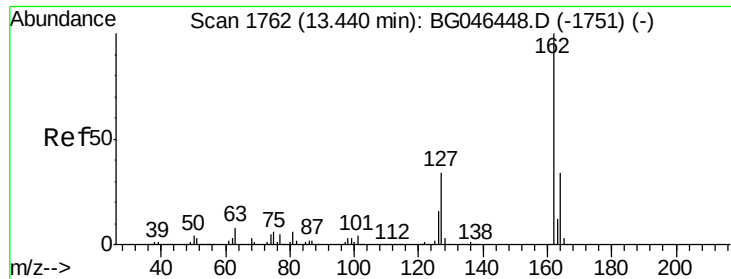
#46
1,1'-Biphenyl
Concen: 41.064 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:154 Resp: 574460
Ion Ratio Lower Upper
154 100
153 42.8 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

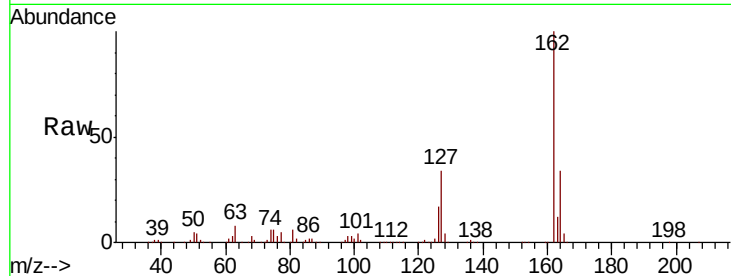




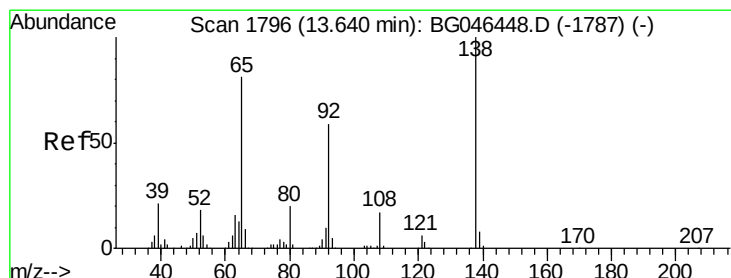
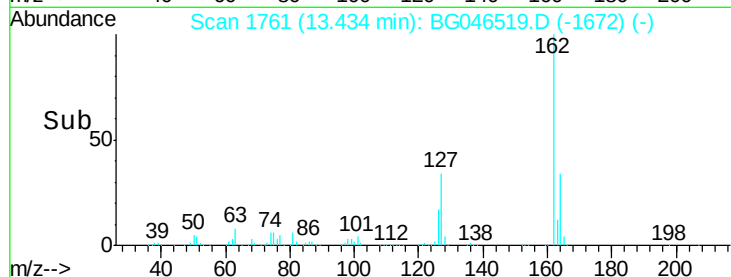
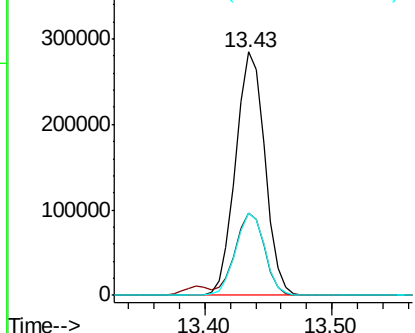
#47
 2-Chloronaphthalene
 Concen: 38.327 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion:162 Resp: 454599
 Ion Ratio Lower Upper
 162 100
 127 33.8 27.6 41.4
 164 33.6 27.3 40.9

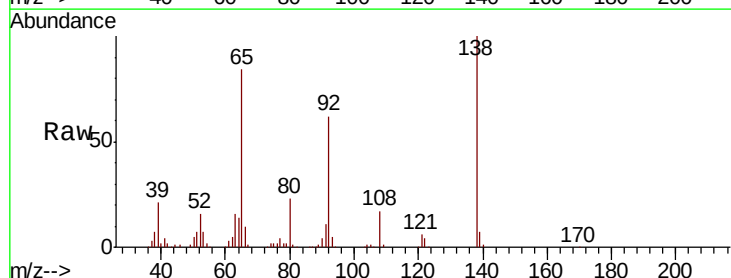


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

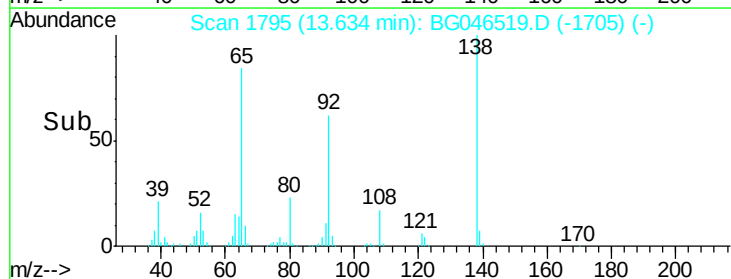
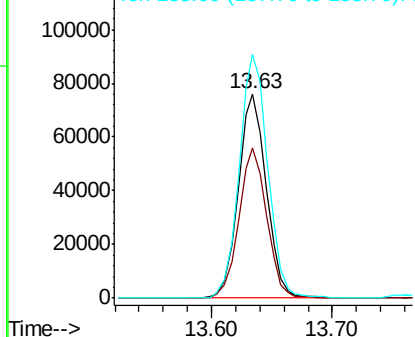


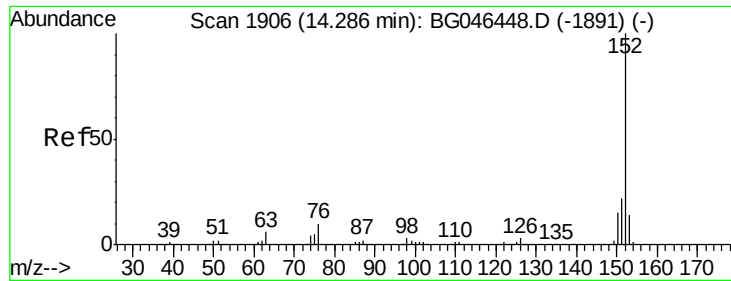
#48
 2-Nitroaniline
 Concen: 37.354 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion: 65 Resp: 123028
 Ion Ratio Lower Upper
 65 100
 92 73.5 58.5 87.7
 138 119.1 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: 39.953 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

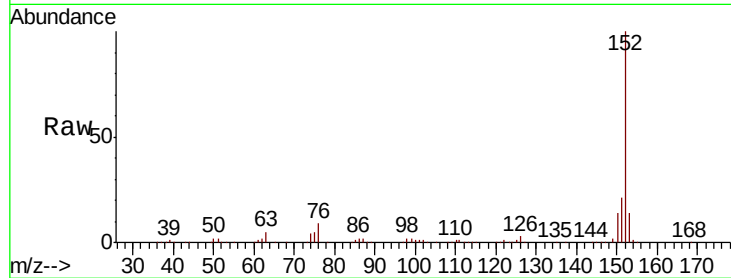
Tot Ion:152 Resp: 718841

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

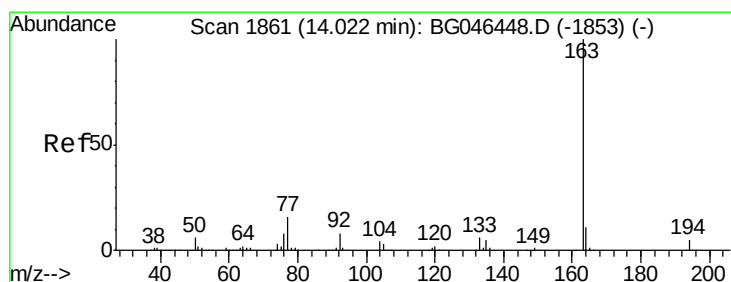
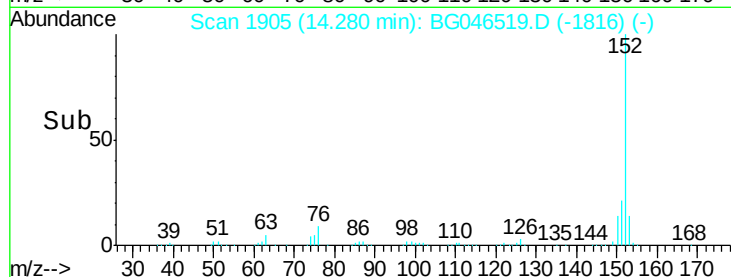
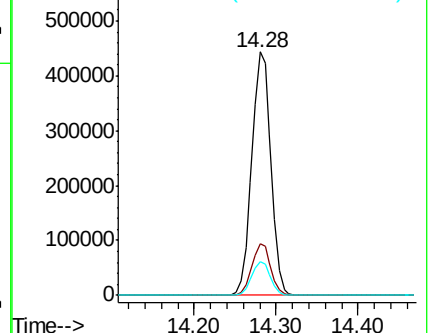
153 13.8 11.2 16.8



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: 37.555 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

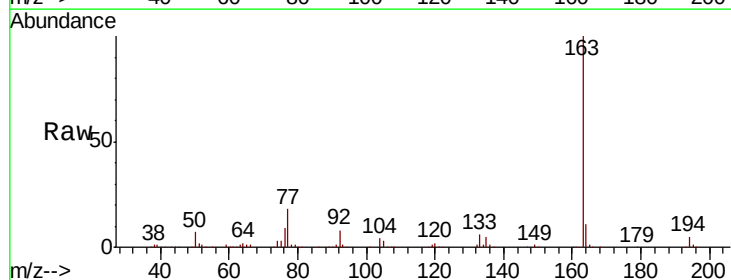
Tgt Ion:163 Resp: 584202

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

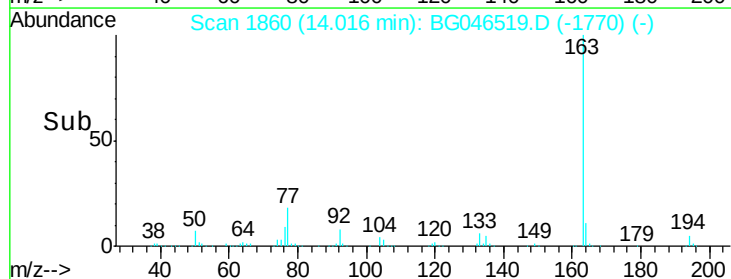
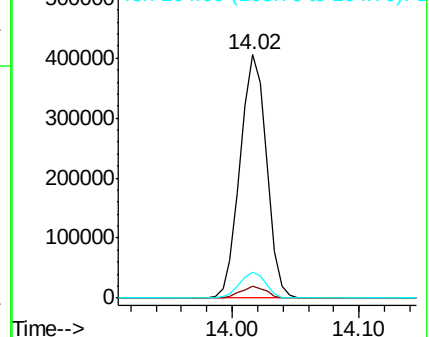
164 10.6 8.6 12.8

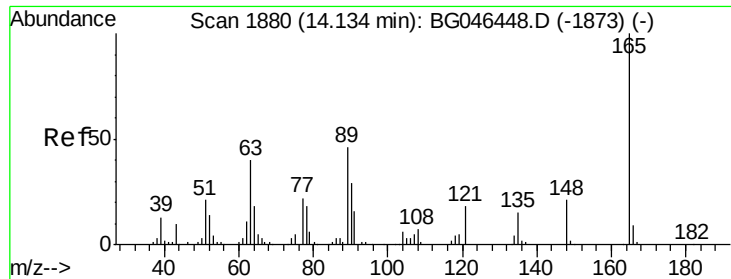


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

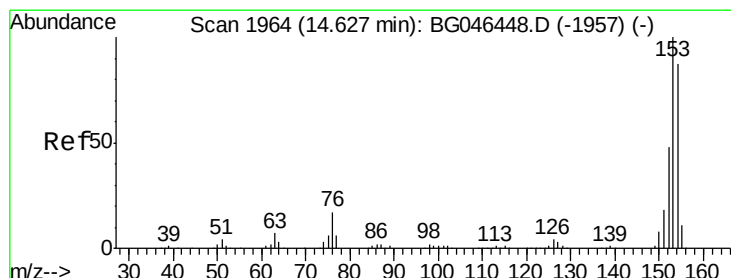
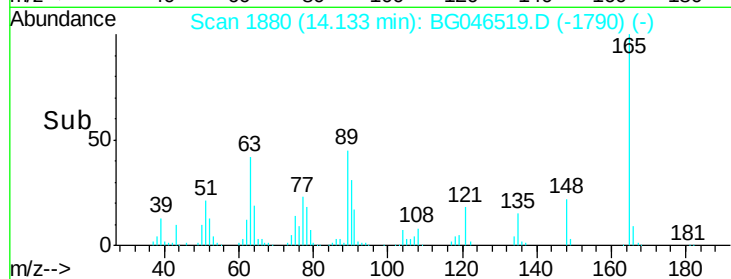
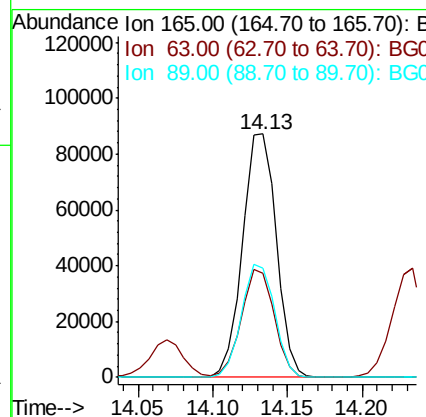
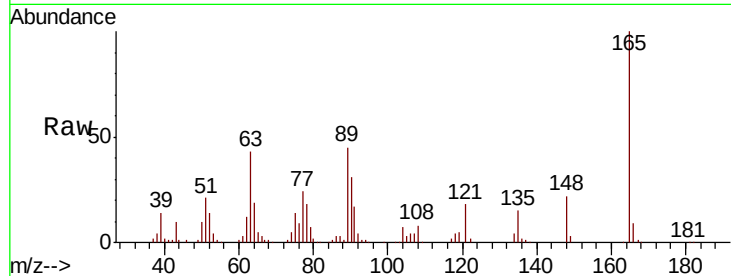




#51
 2,6-Dinitrotoluene
 Concen: 39.918 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

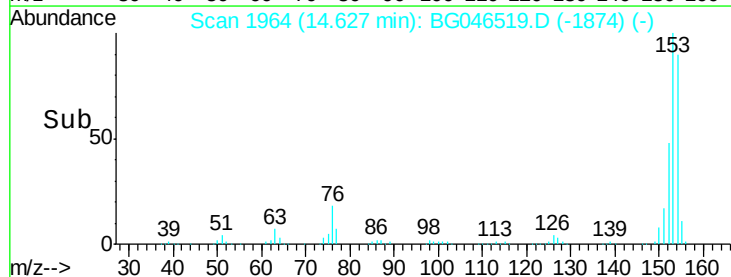
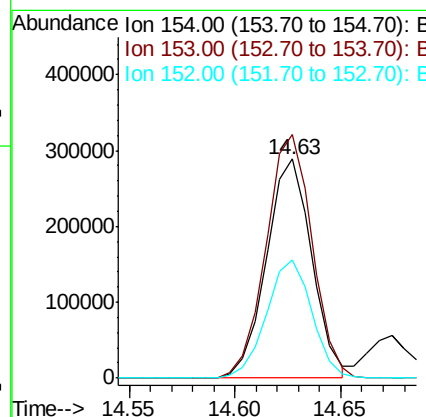
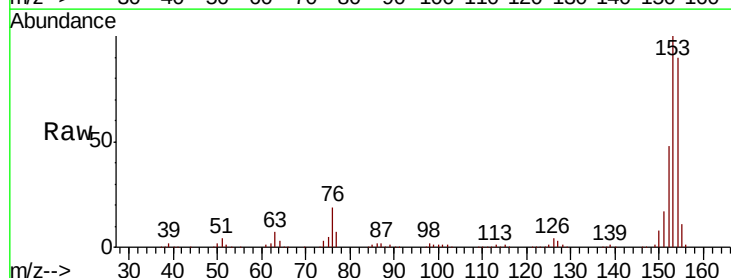
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

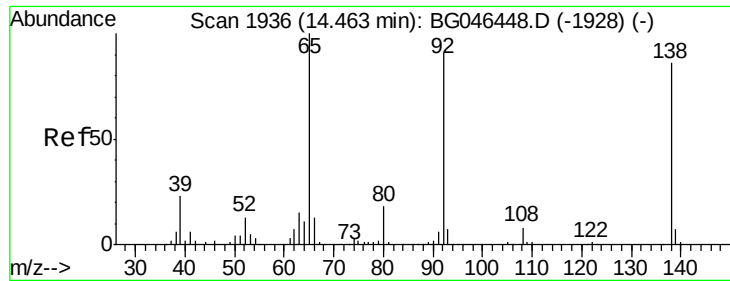
Tot Ion:165 Resp: 136881
 Ion Ratio Lower Upper
 165 100
 63 43.0 34.2 51.4
 89 45.0 37.0 55.4



#52
 Acenaphthene
 Concen: 38.628 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion:154 Resp: 430685
 Ion Ratio Lower Upper
 154 100
 153 111.3 91.9 137.9
 152 54.0 43.8 65.6





#53

3-Nitroaniline

Concen: 24.204 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

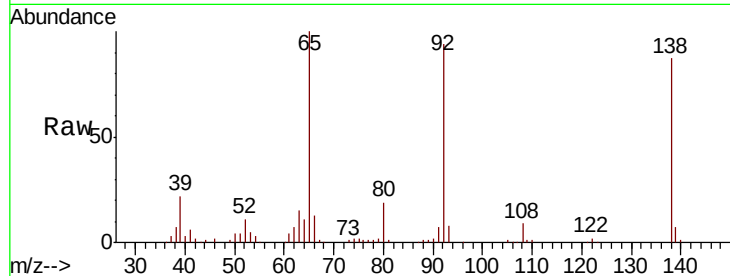
Tot Ion:138 Resp: 89901

Ion Ratio Lower Upper

138 100

108 10.1 7.0 10.6

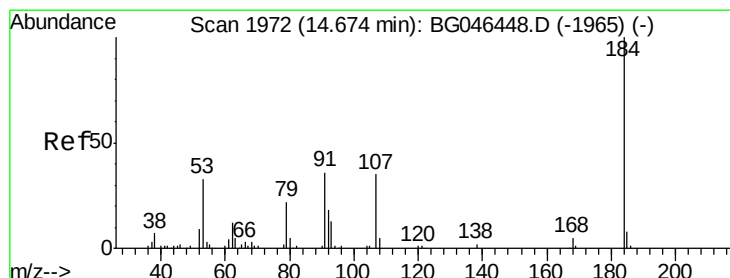
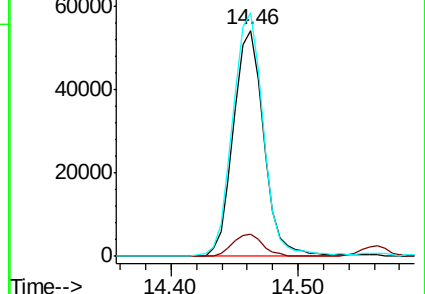
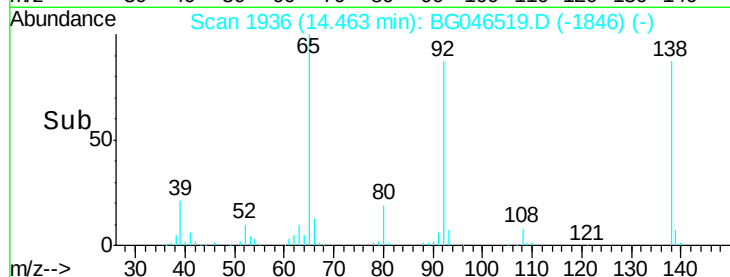
92 107.8 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 80.672 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

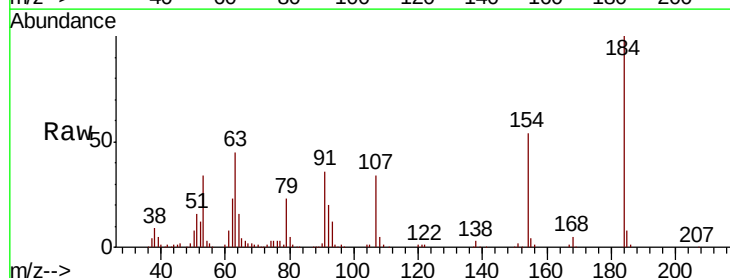
Tgt Ion:184 Resp: 161470

Ion Ratio Lower Upper

184 100

63 44.9 35.6 53.4

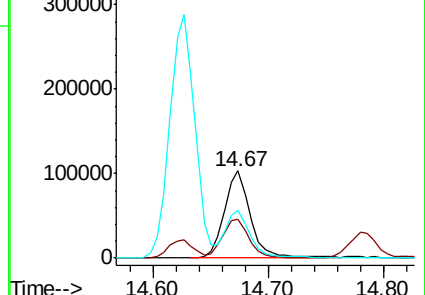
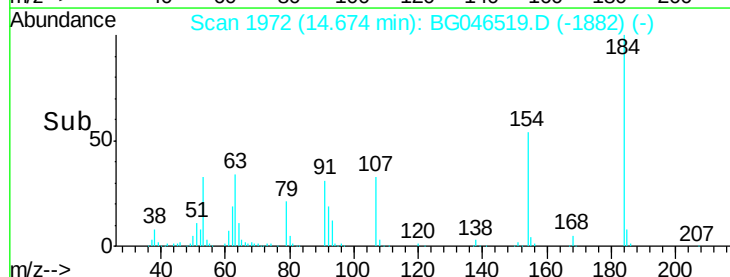
154 54.2 44.3 66.5

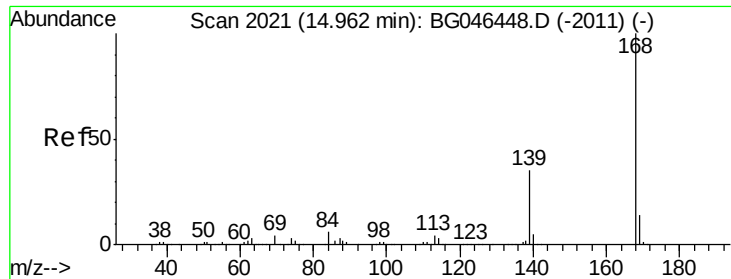


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

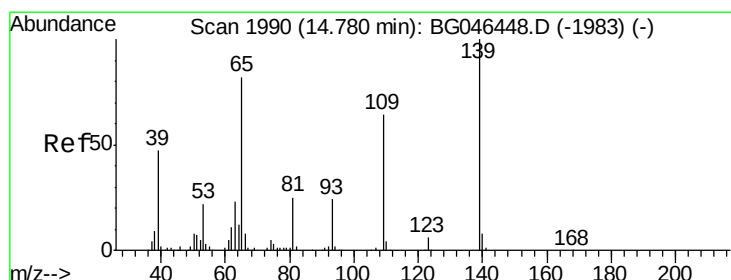
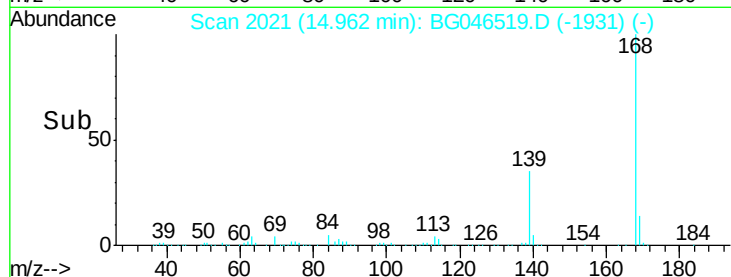
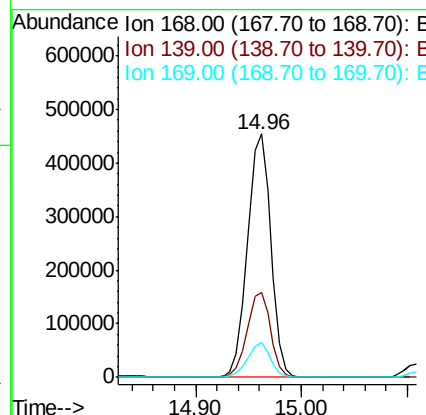
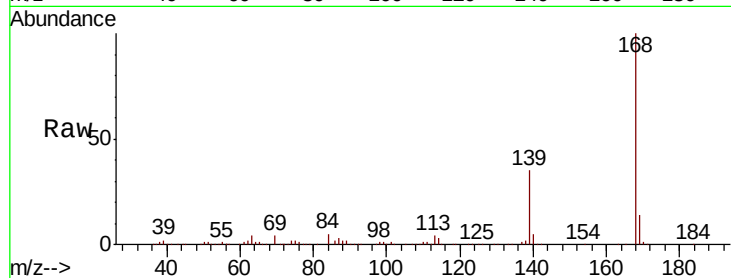




#55
Dibenzenofuran
Concen: 38.853 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

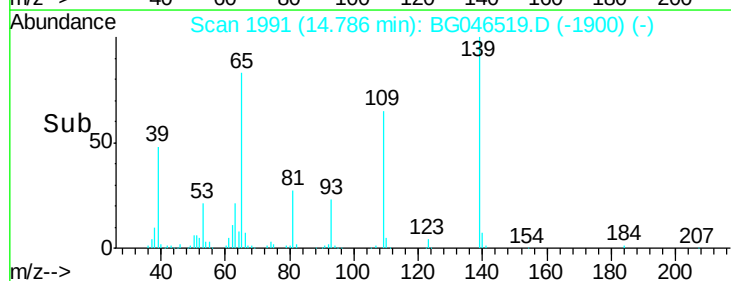
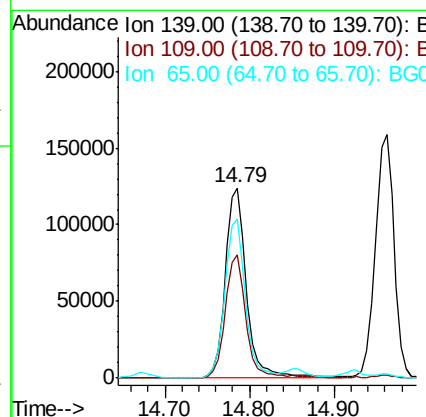
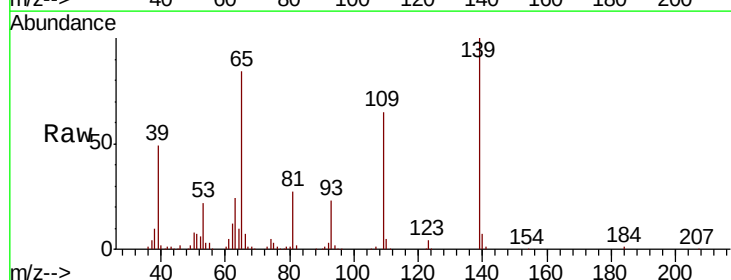
Instrument :
BNA_G
ClientSampleId :
PB131406BS

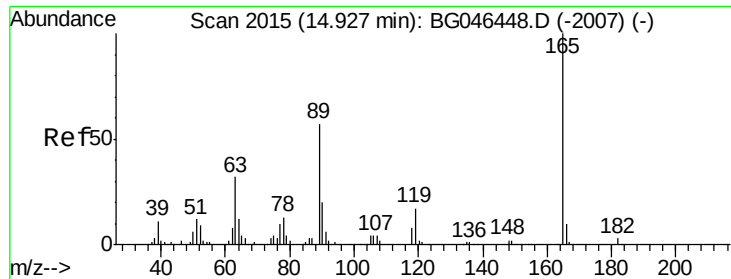
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.1	42.1
169	14.2	11.5	17.3



#56
4-Nitrophenol
Concen: 79.489 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	44.3	84.3
65	83.6	61.5	101.5

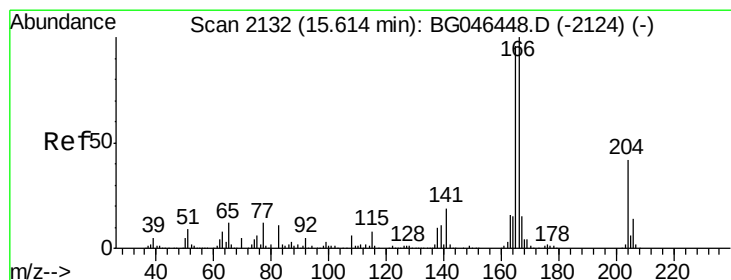
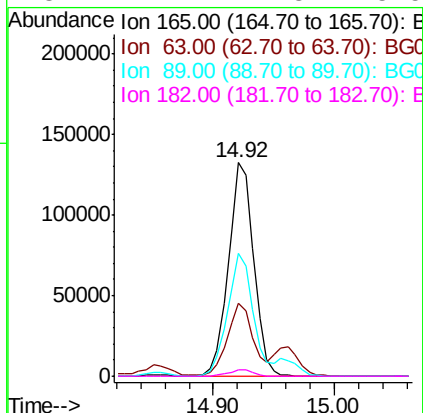
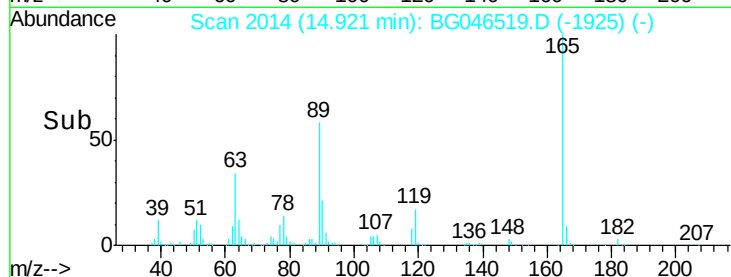
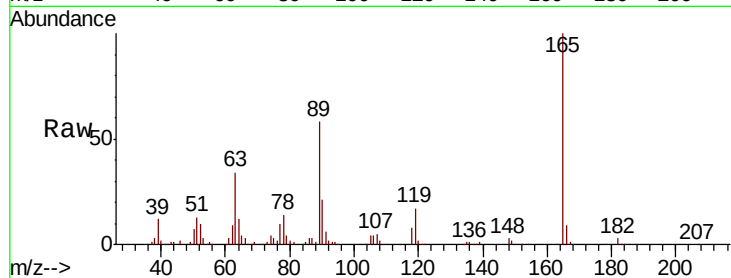




#57
2,4-Dinitrotoluene
Concen: 39.403 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

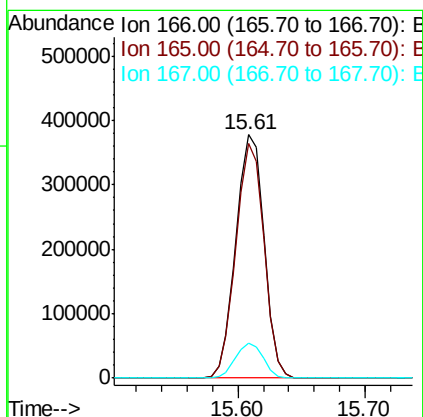
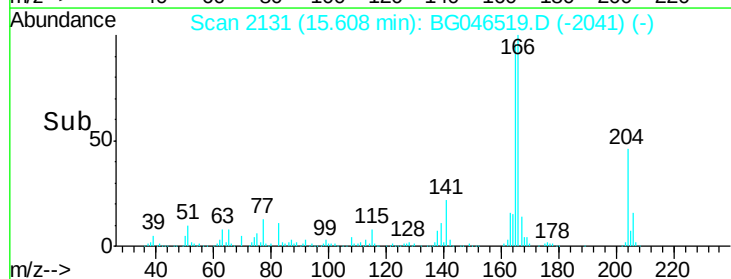
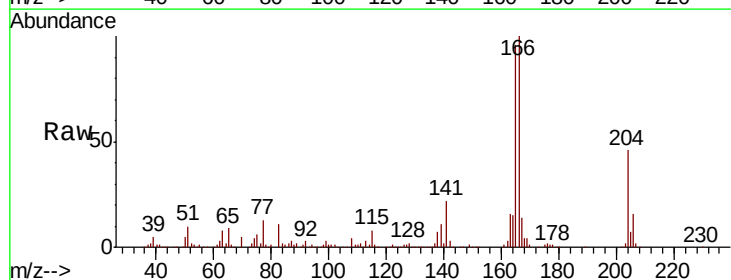
Instrument :
BNA_G
ClientSampleId :
PB131406BS

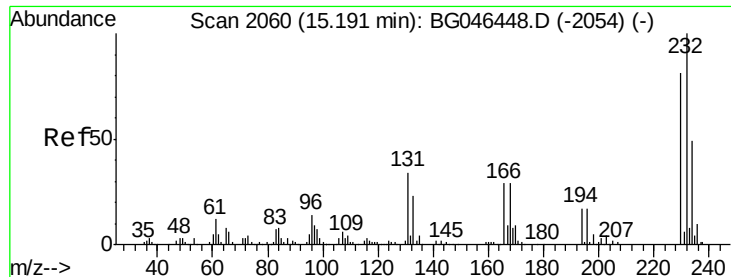
Tot Ion:165	Resp:	192655
Ion	Ratio	Lower Upper
165	100	
63	33.9	25.4 38.0
89	57.6	45.9 68.9
182	2.7	2.3 3.5



#58
Fluorene
Concen: 38.794 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:166	Resp:	582595
Ion	Ratio	Lower Upper
166	100	
165	96.4	77.0 115.4
167	14.3	11.8 17.6

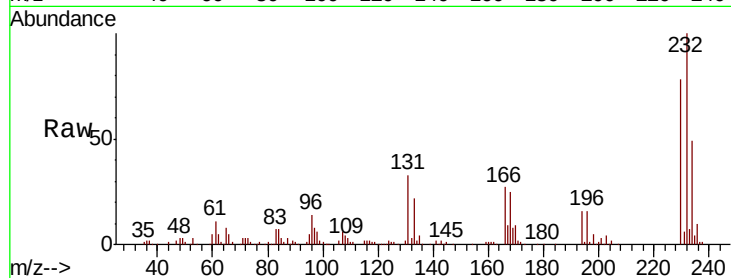




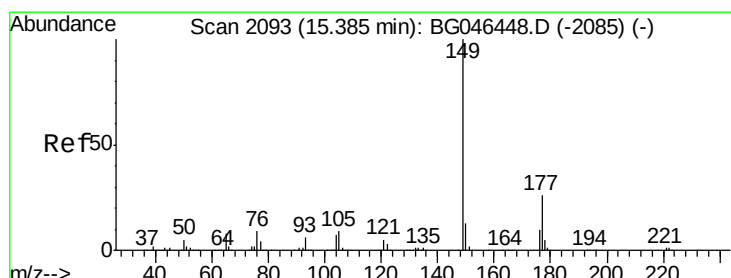
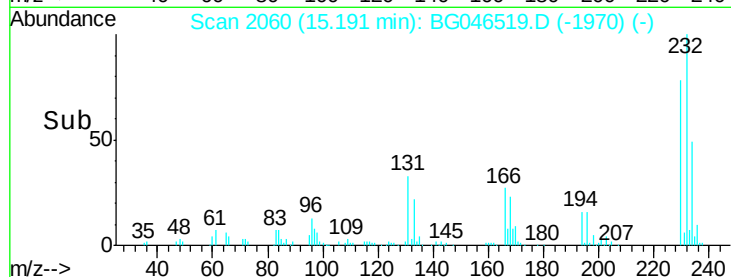
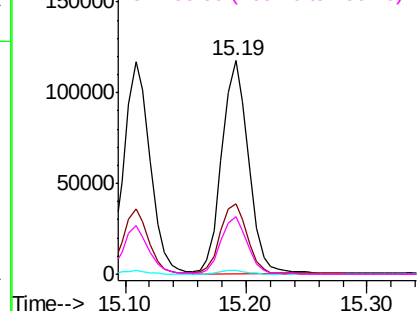
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.260 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion:	232	Resp:	179231
Ion	Ratio	Lower	Upper
232	100		
131	33.8	26.8	40.2
130	1.8	1.4	2.2
166	26.6	22.8	34.2

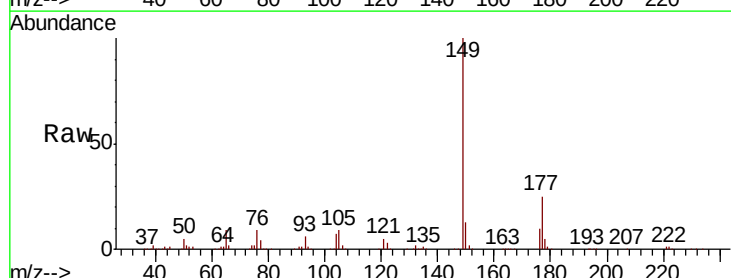


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

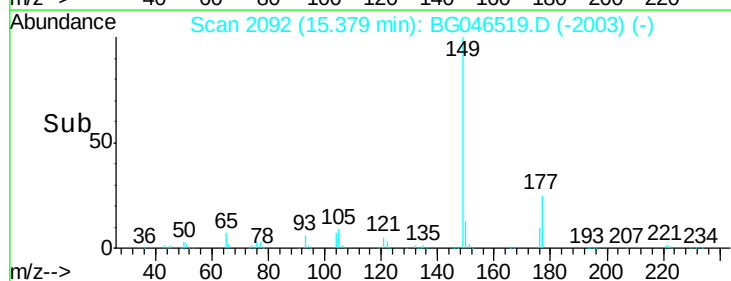
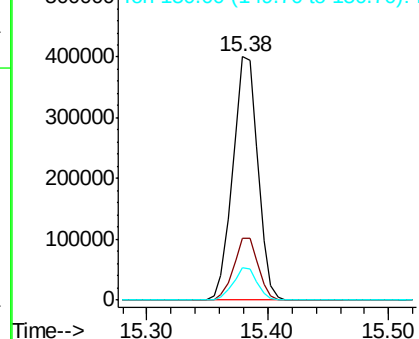


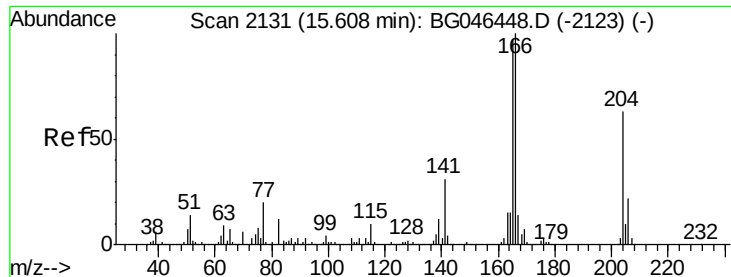
#60
 Diethylphthalate
 Concen: 38.037 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion:	149	Resp:	576903
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.6	30.8
150	13.4	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: 37.990 ng

RT: 15.60 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

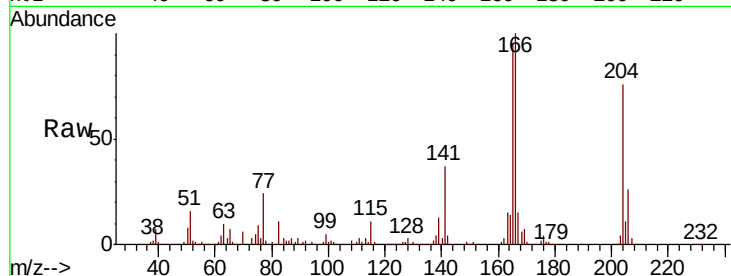
Tot Ion:204 Resp: 314204

Ion Ratio Lower Upper

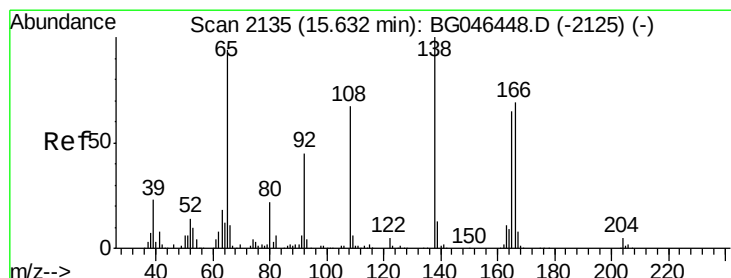
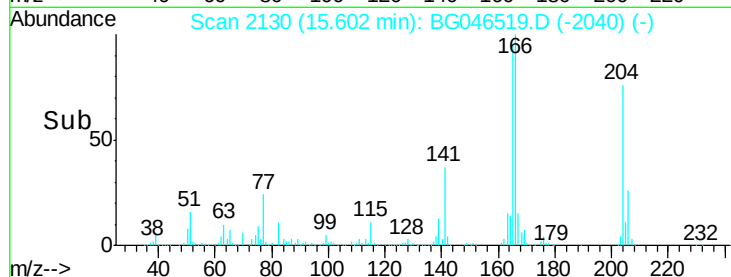
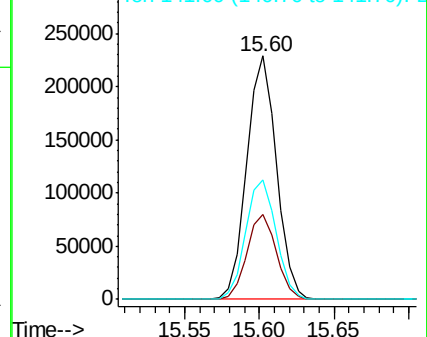
204 100

206 35.0 27.7 41.5

141 48.8 38.7 58.1



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



#62

4-Nitroaniline

Concen: 33.444 ng

RT: 15.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

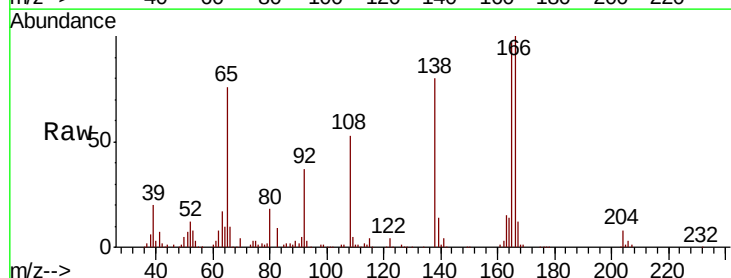
Tgt Ion:138 Resp: 131073

Ion Ratio Lower Upper

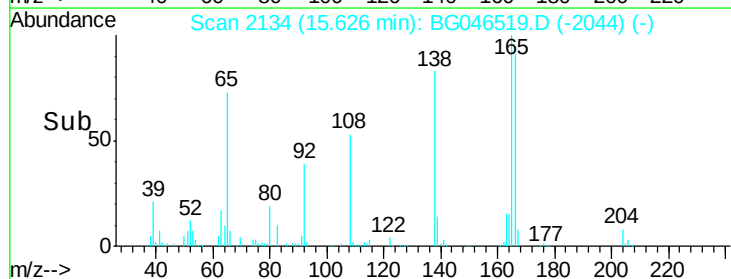
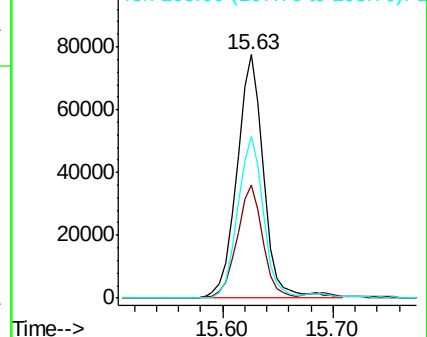
138 100

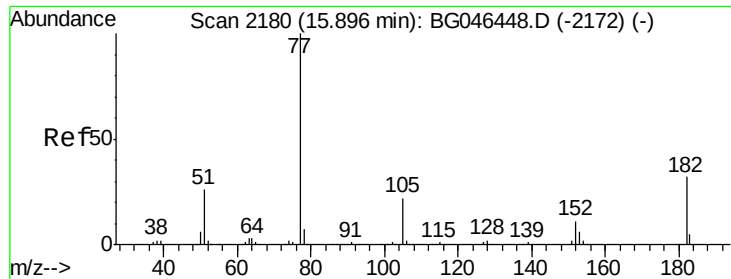
92 46.5 25.3 65.3

108 66.3 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

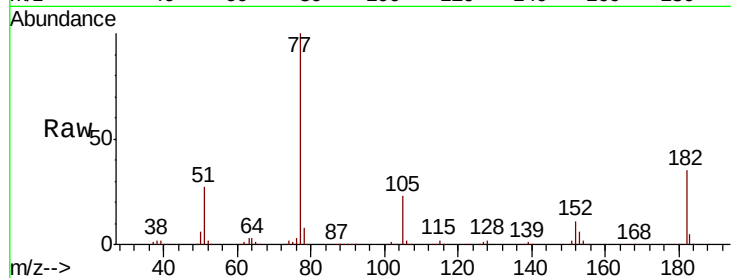




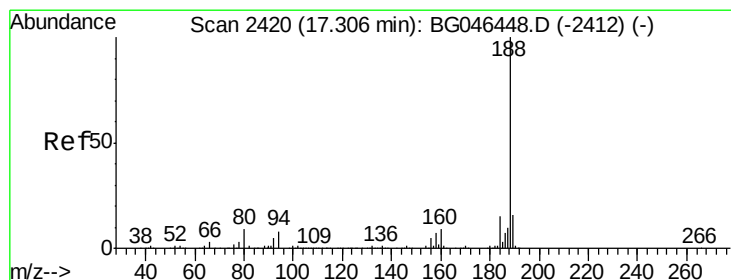
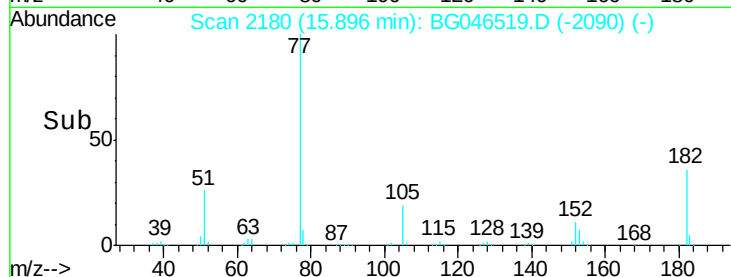
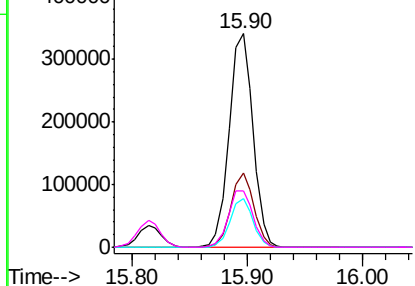
#63
Azobenzene
Concen: 39.452 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:	77	Resp:	486737
Ion	Ratio	Lower	Upper
77	100		
182	35.0	12.3	52.3
105	22.5	2.3	42.3
51	26.6	6.5	46.5

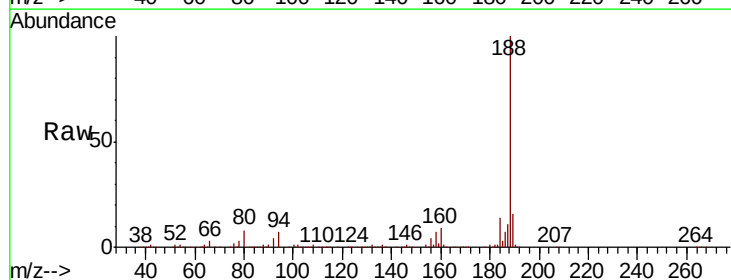


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

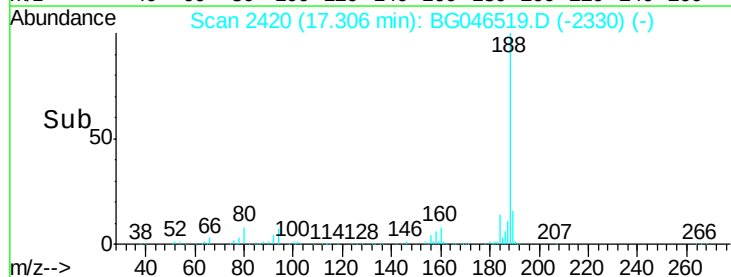
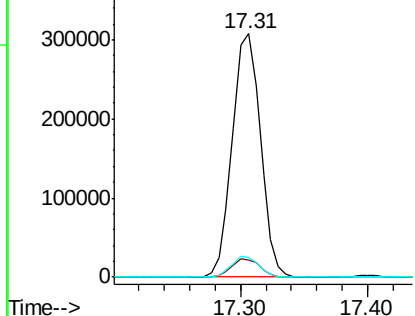


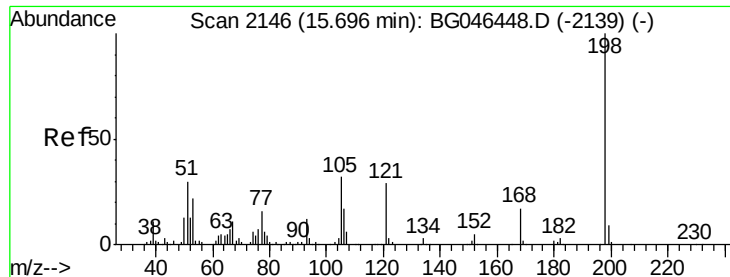
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:	188	Resp:	474283
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.3	9.5
80	8.2	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.990 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

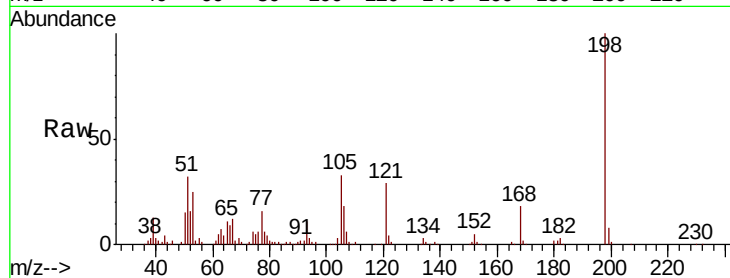
Tot Ion:198 Resp: 123458

Ion	Ratio	Lower	Upper
198	100		
51	32.1	10.4	50.4
105	33.1	12.4	52.4

198 100

51 32.1 10.4 50.4

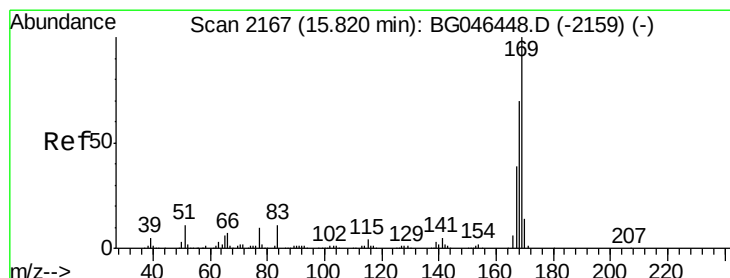
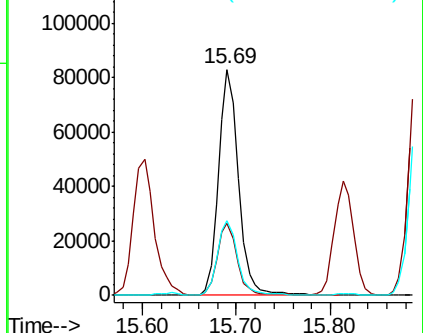
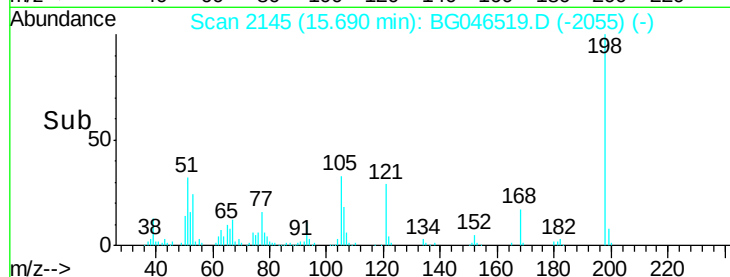
105 33.1 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.205 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

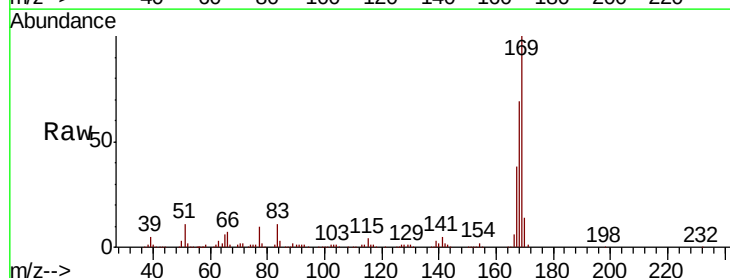
Tgt Ion:169 Resp: 527229

Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	37.8	31.0	46.6

169 100

168 69.2 55.8 83.8

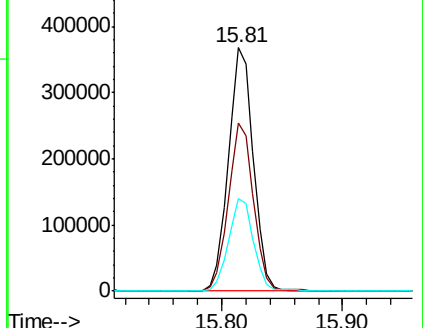
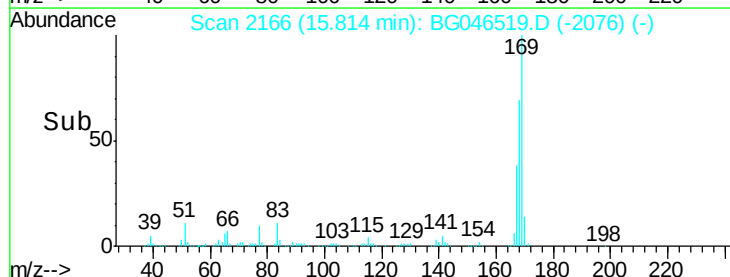
167 37.8 31.0 46.6

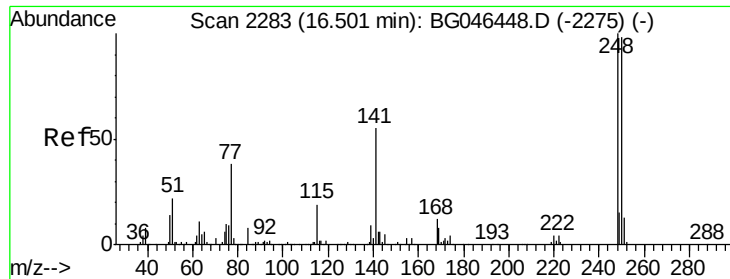


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

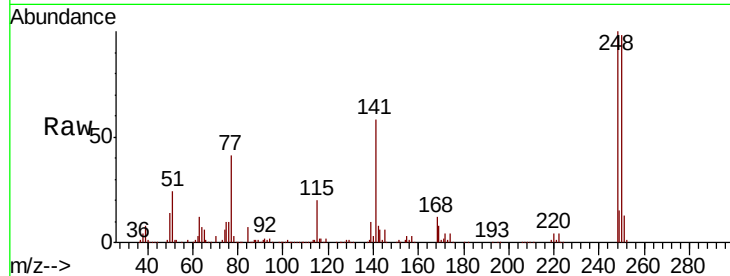




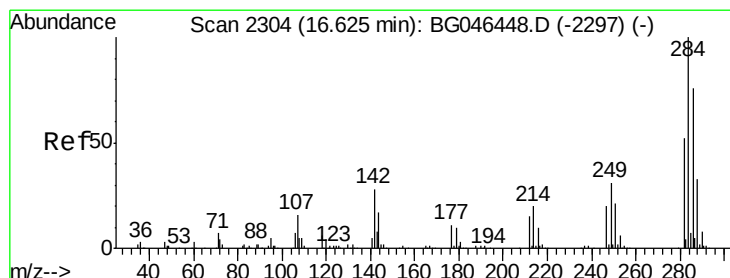
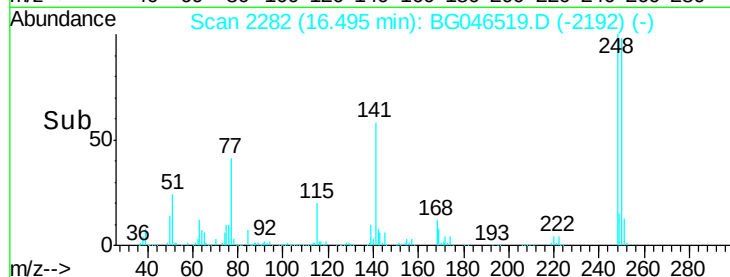
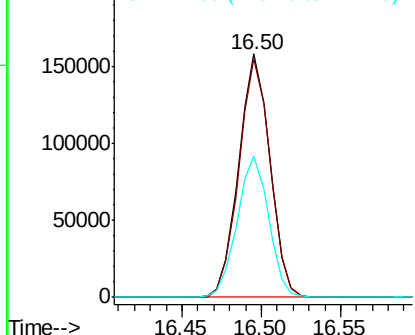
#67
4-Bromophenyl-phenylether
Concen: 39.011 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	118.0
141	58.0	43.9	65.9

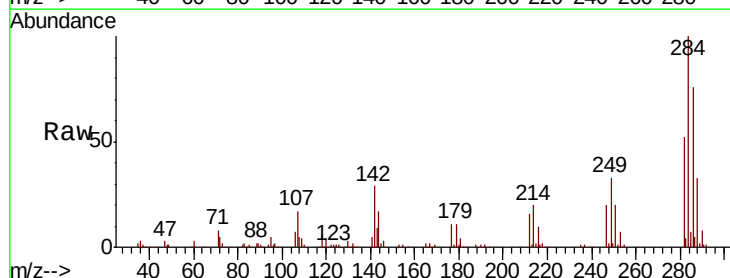


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

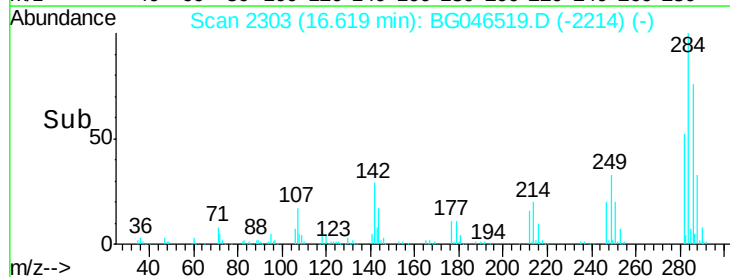
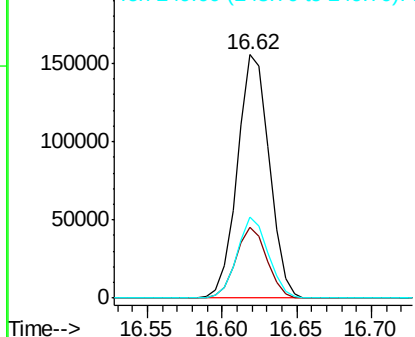


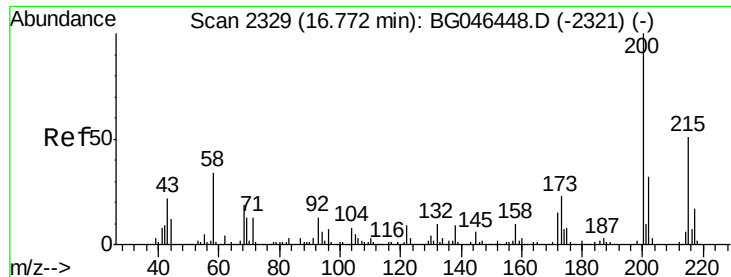
#68
Hexachlorobenzene
Concen: 37.651 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.3	33.5
249	33.4	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: 31.856 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

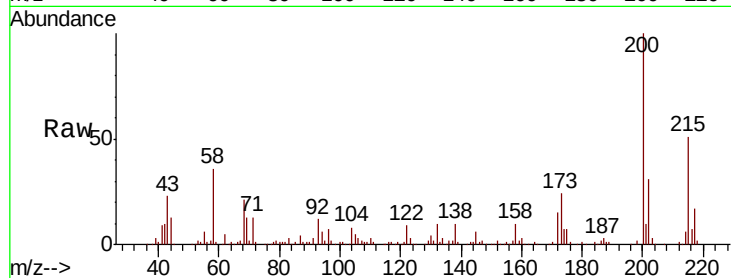
Tot Ion:200 Resp: 166281

Ion Ratio Lower Upper

200 100

173 24.3 3.3 43.3

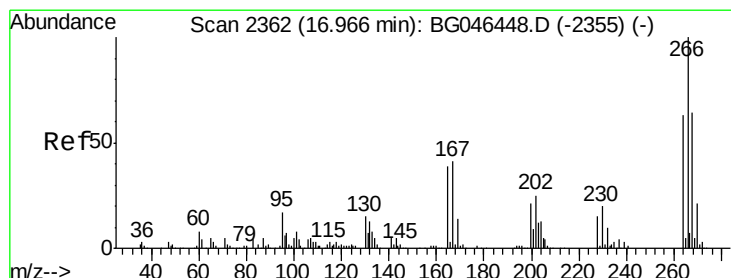
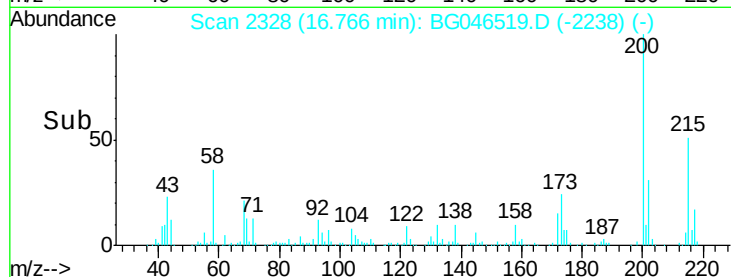
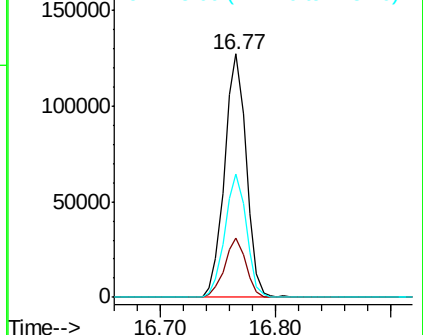
215 50.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.534 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

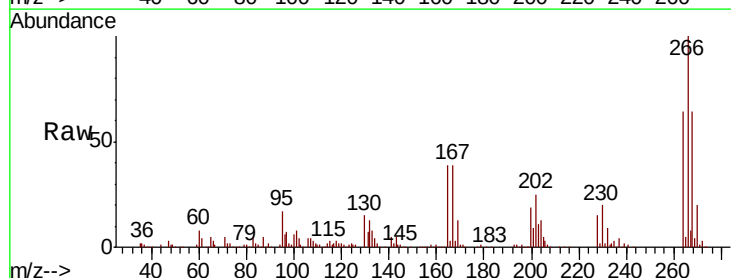
Tgt Ion:266 Resp: 264256

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

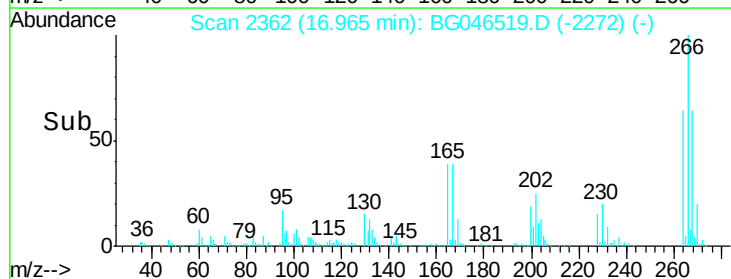
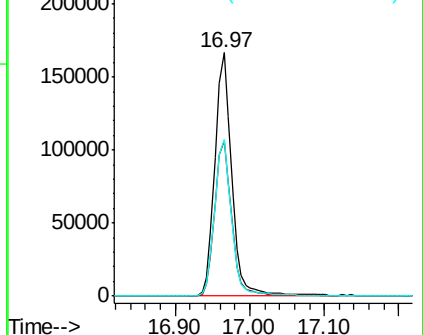
264 64.1 50.2 75.2

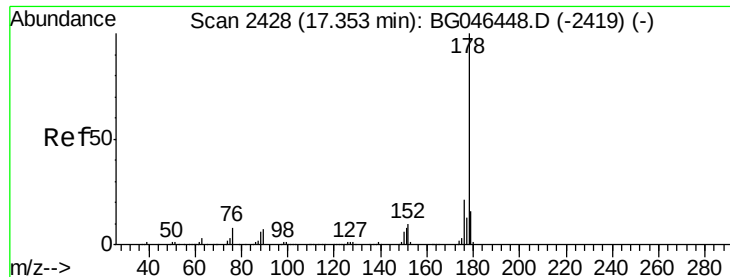


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

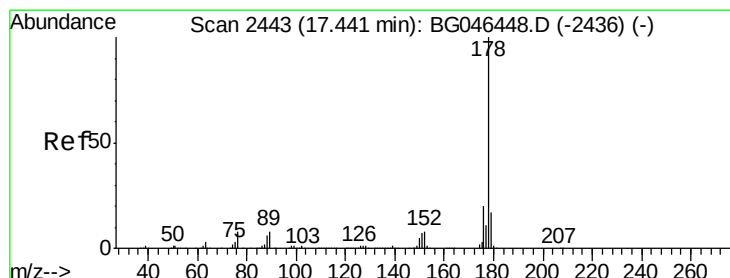
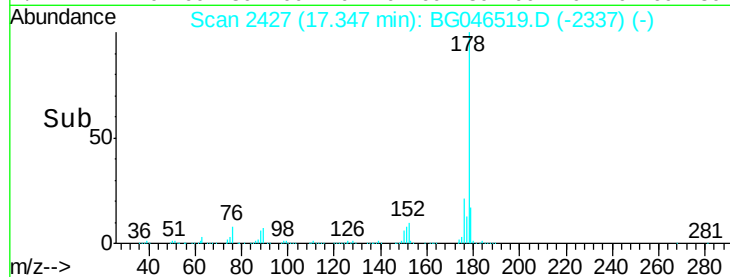
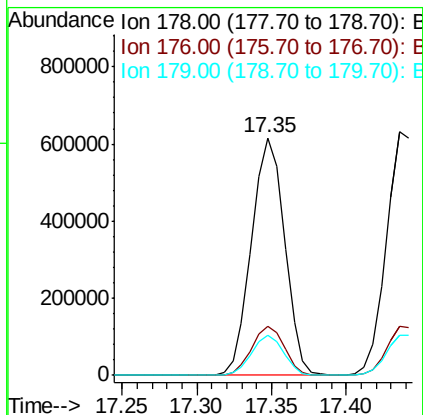
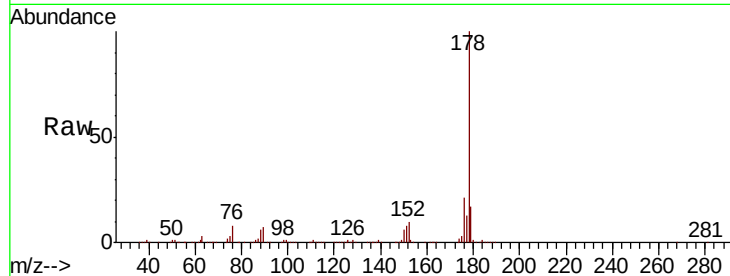




#71
Phenanthrene
Concen: 39.381 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

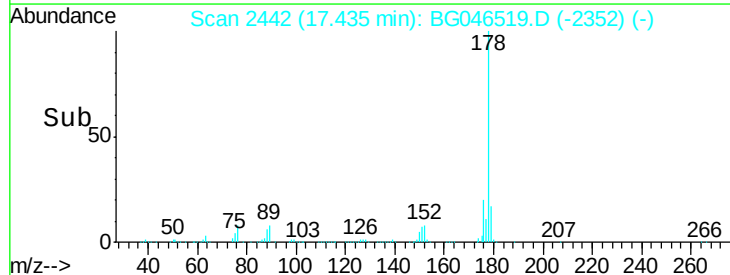
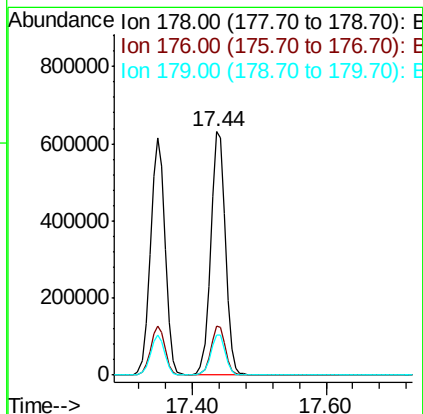
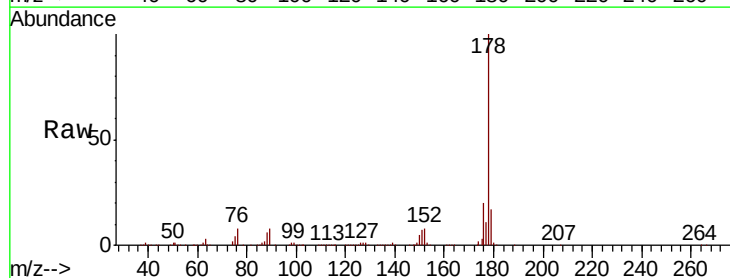
Instrument :
BNA_G
ClientSampleId :
PB131406BS

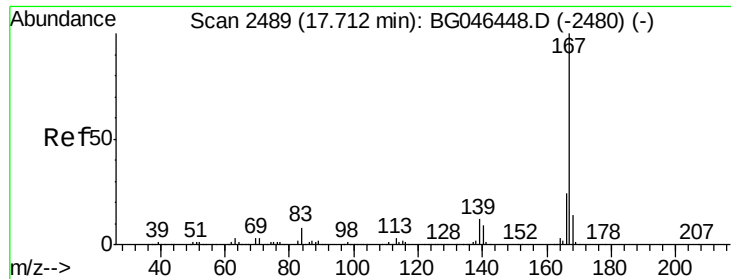
Tot Ion:178 Resp: 946728
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 41.109 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:178 Resp: 975048
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.7 13.3 19.9

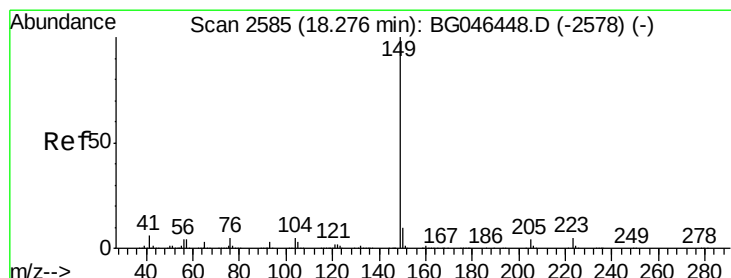
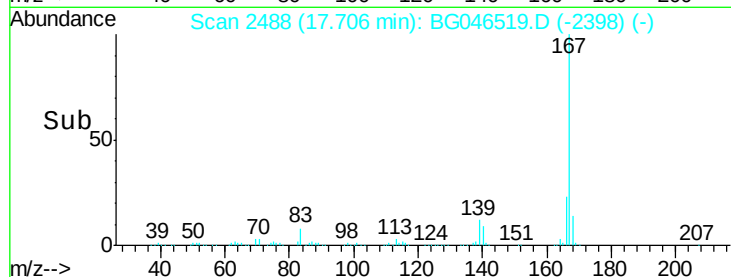
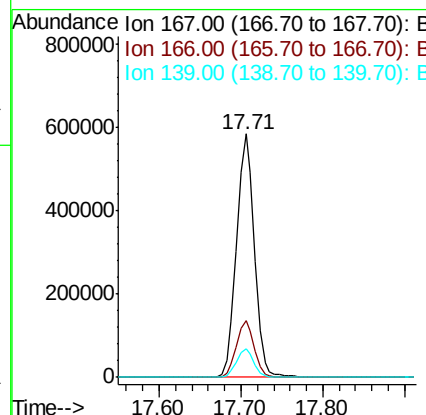
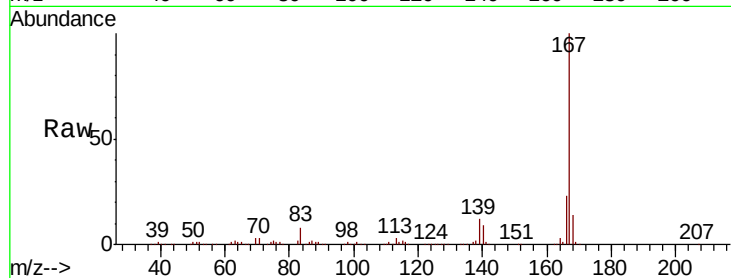




#73
 Carbazole
 Concen: 39.788 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

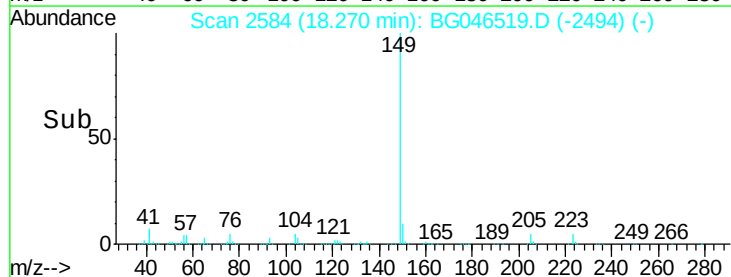
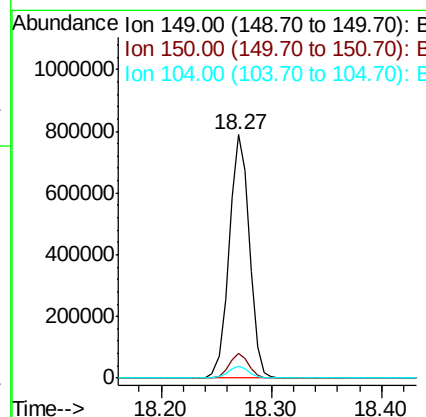
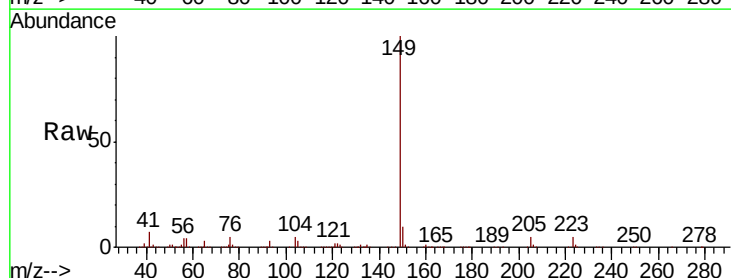
Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

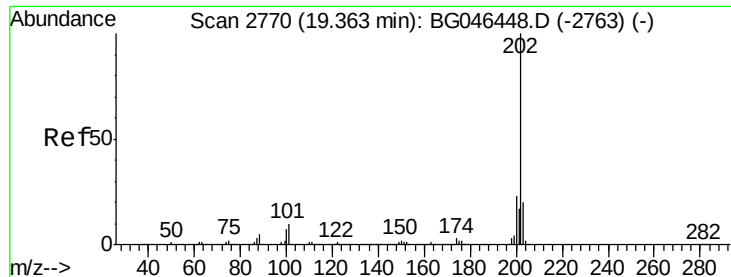
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.3	28.9
139	11.8	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 39.287 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.201 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

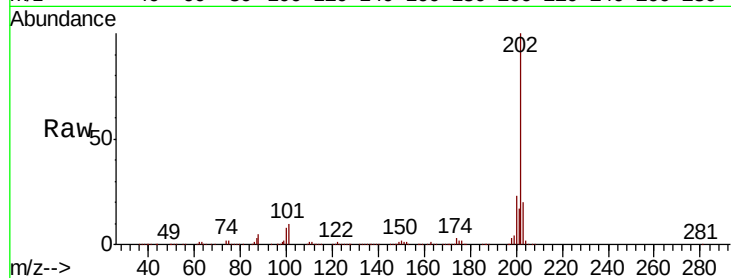
Tot Ion:202 Resp: 1212764

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

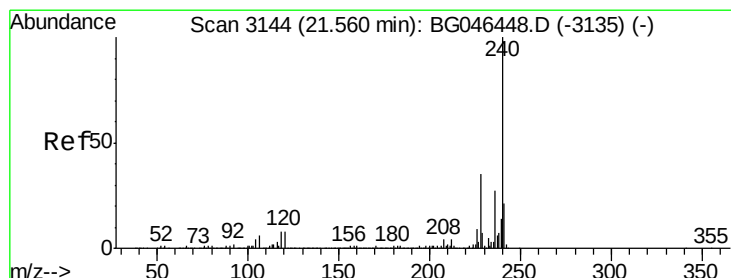
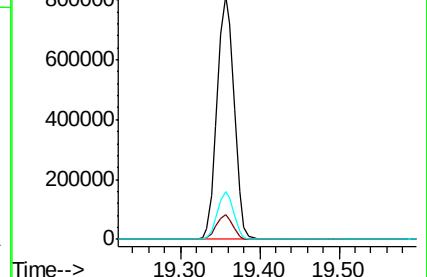
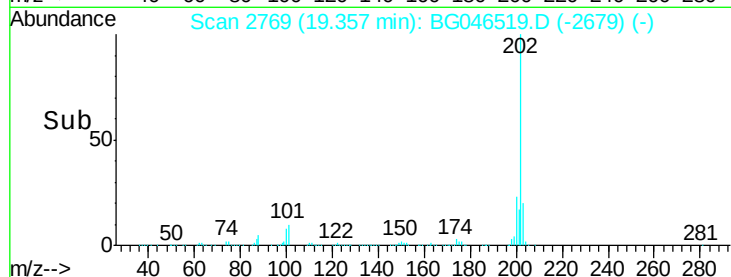
203 19.8 0.0 40.0



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: BG046519.D

Acq: 3 Sep 2020 16:47

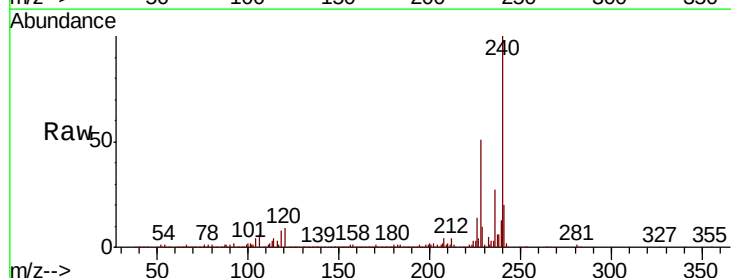
Tgt Ion:240 Resp: 483303

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

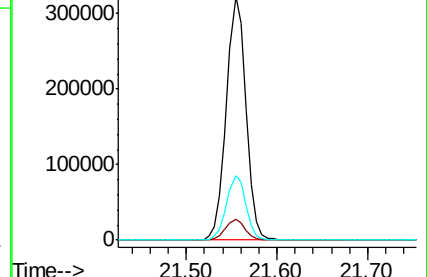
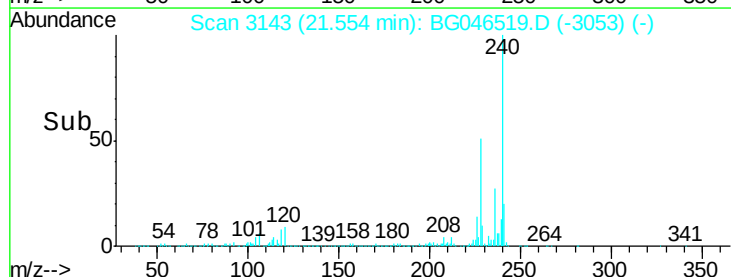
236 26.5 21.4 32.2

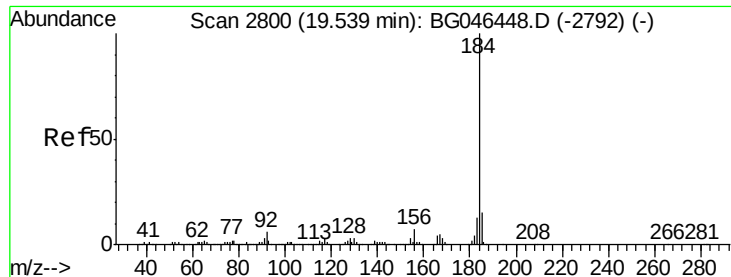


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.693 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

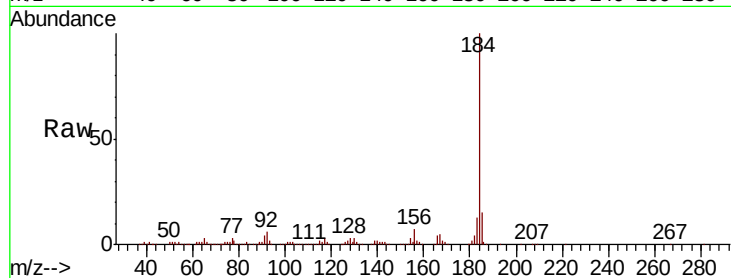
BNA_G

ClientSampleId :

PB131406BS

Tot Ion:184 Resp: 591768

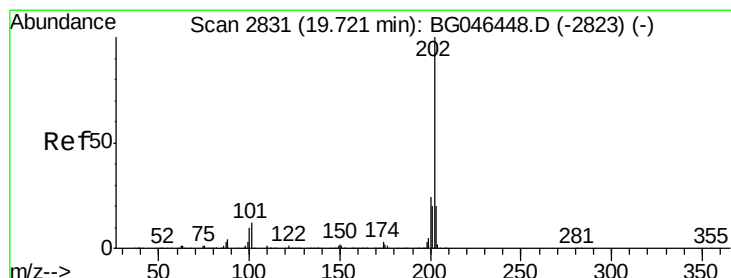
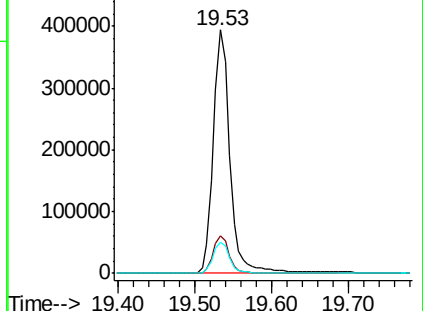
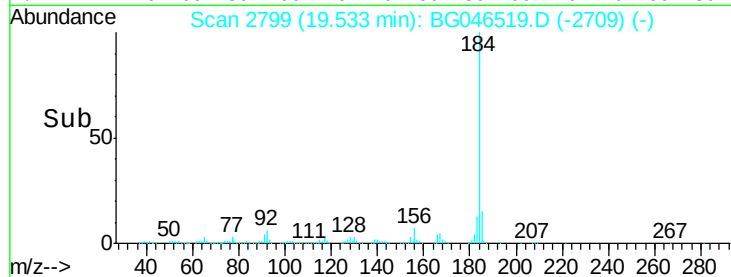
Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	13.0	10.7	16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.319 ng

RT: 19.72 min Scan# 2830

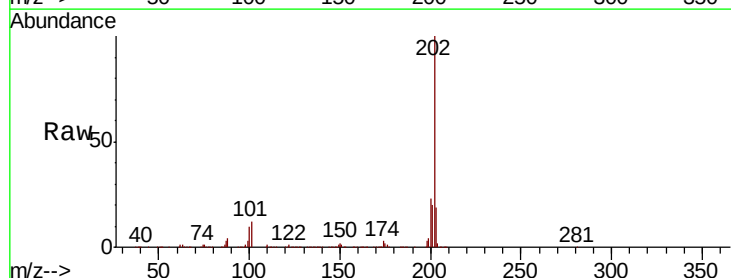
Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:202 Resp: 1210104

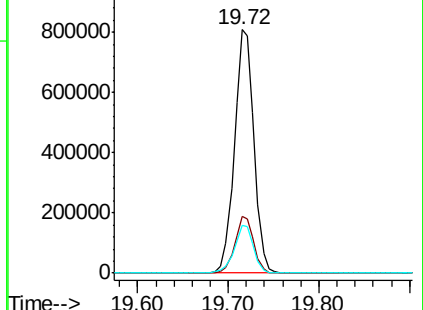
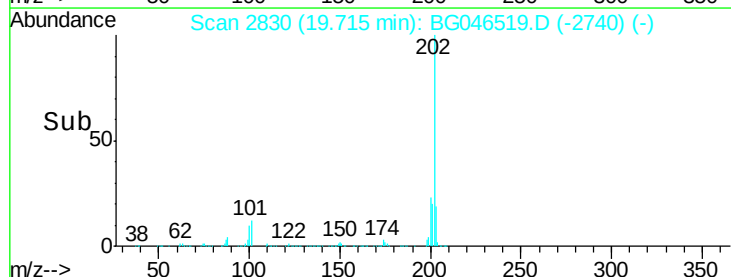
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.9	28.3
203	19.4	16.1	24.1

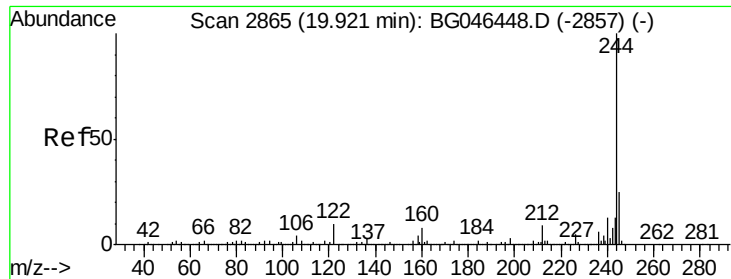


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.724 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

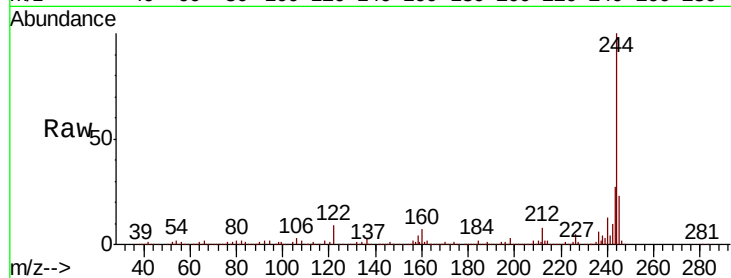
Tot Ion:244 Resp: 1492576

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

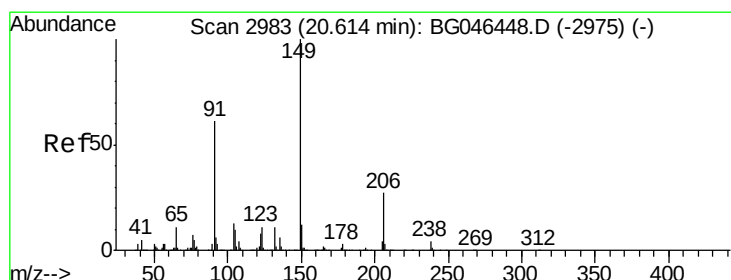
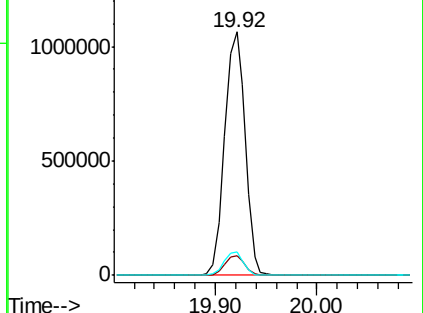
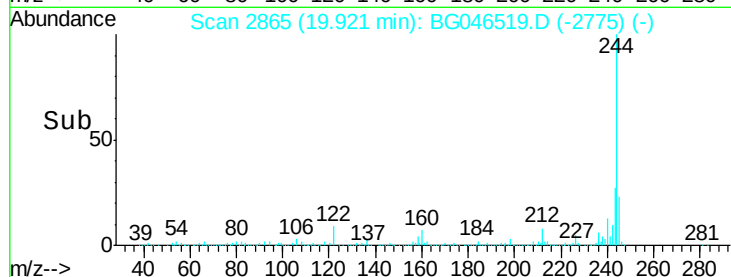
122 9.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.253 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

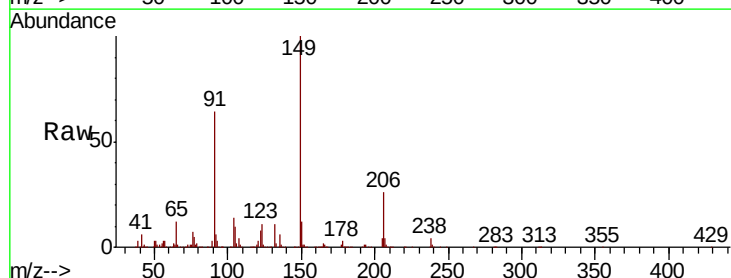
Tgt Ion:149 Resp: 471216

Ion Ratio Lower Upper

149 100

91 64.0 49.1 73.7

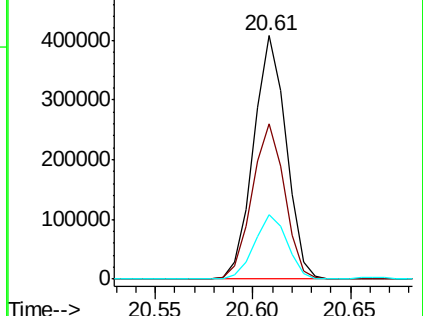
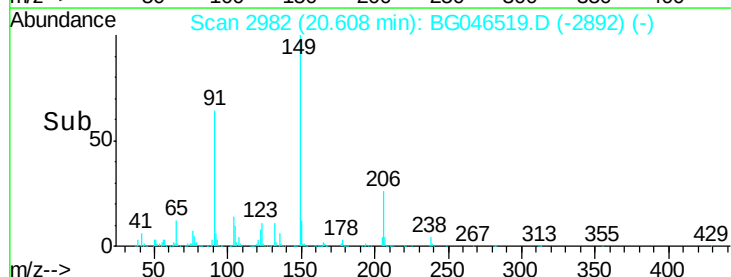
206 26.5 21.9 32.9

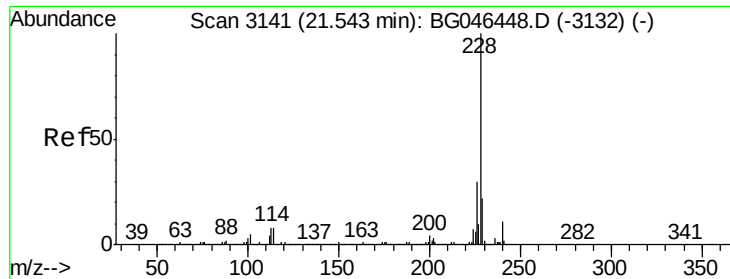


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

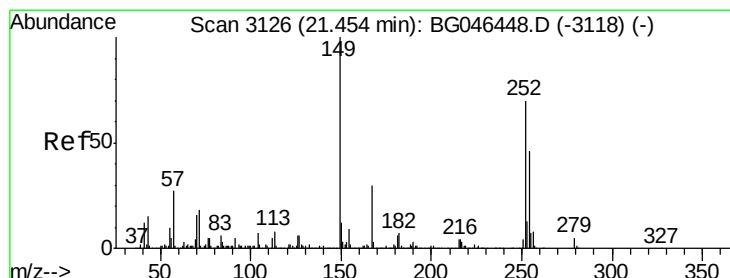
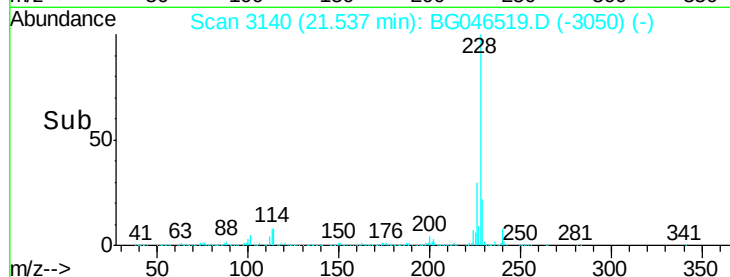
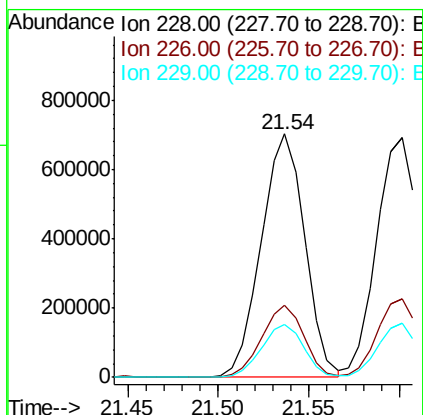
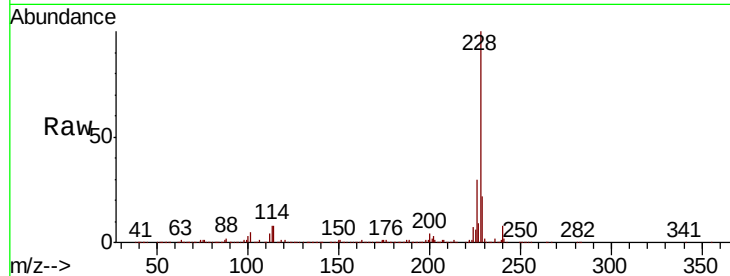




#81
Benzo(a)anthracene
Concen: 39.033 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

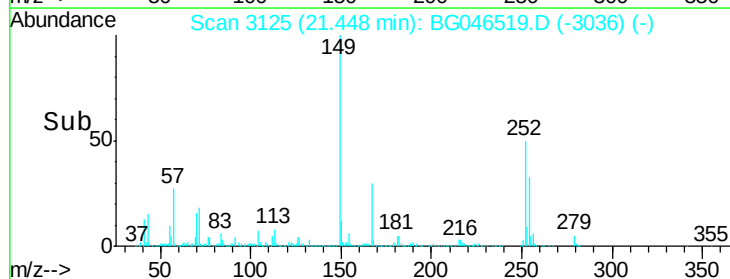
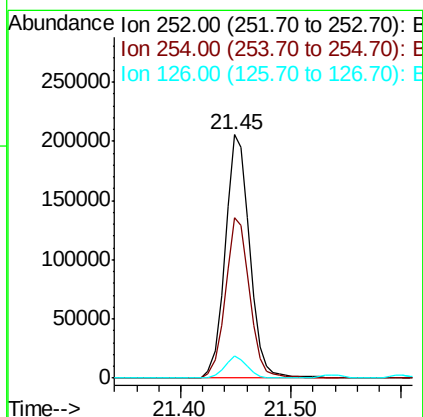
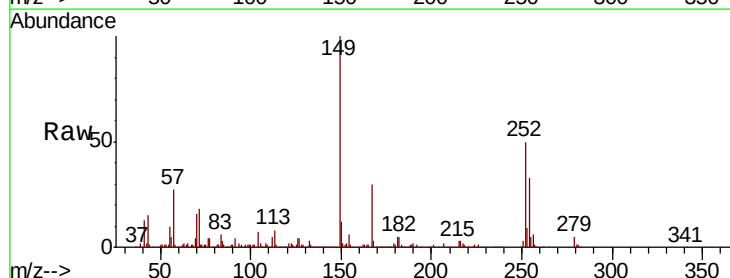
Instrument :
BNA_G
ClientSampleId :
PB131406BS

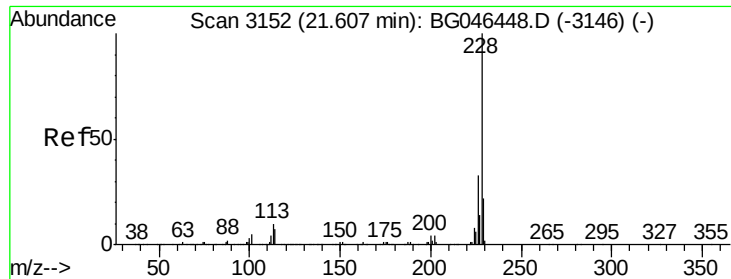
Tot Ion:228 Resp: 1175825
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 21.9 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 28.473 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:252 Resp: 318303
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 9.0 7.4 11.0





#83

Chrysene

Concen: 39.265 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

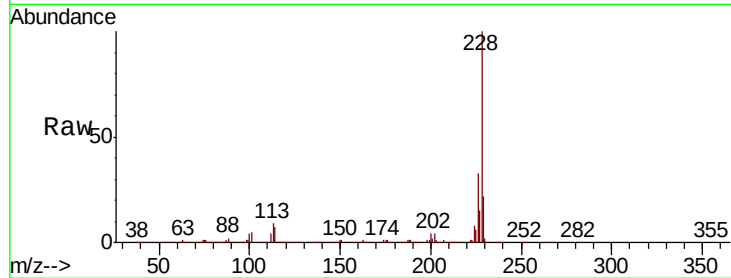
Tot Ion:228 Resp: 1137785

Ion Ratio Lower Upper

228 100

226 32.7 26.2 39.4

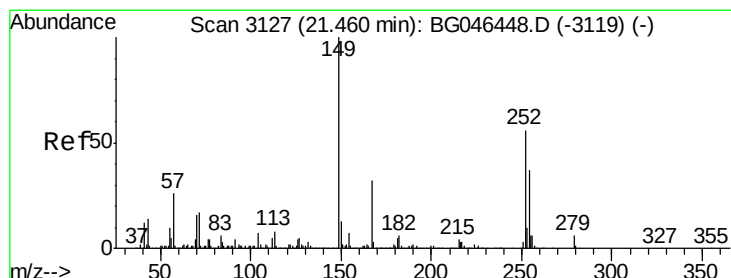
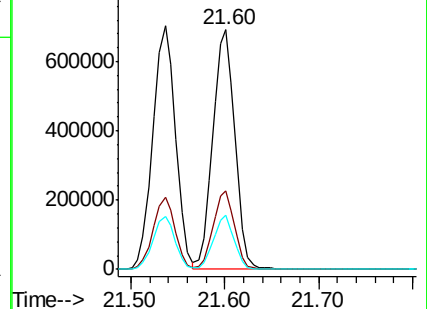
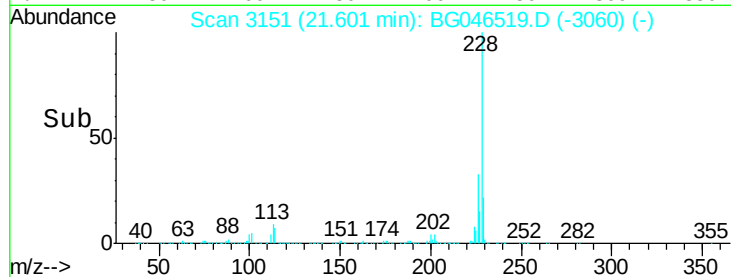
229 22.3 17.9 26.9



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: 40.842 ng

RT: 21.45 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

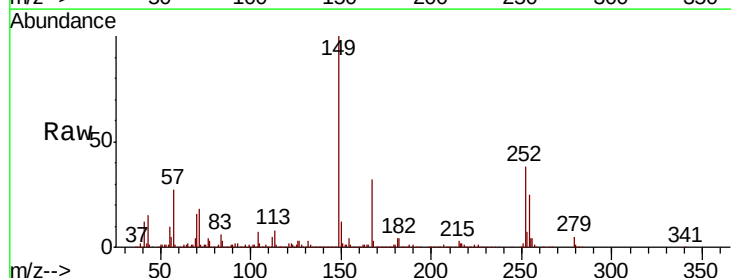
Tgt Ion:149 Resp: 669089

Ion Ratio Lower Upper

149 100

167 31.5 25.4 38.2

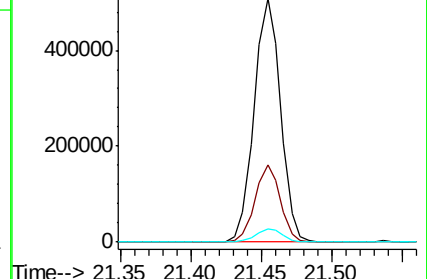
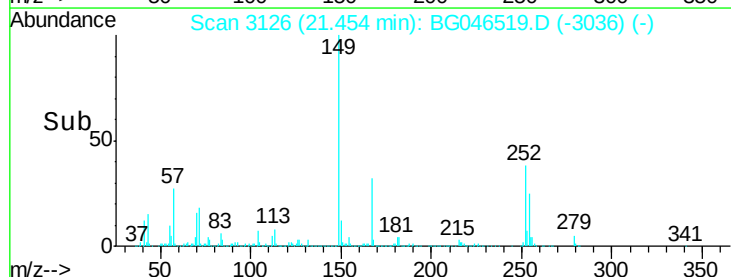
279 5.3 4.5 6.7

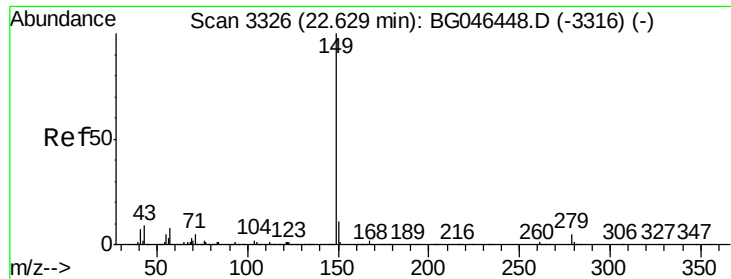


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

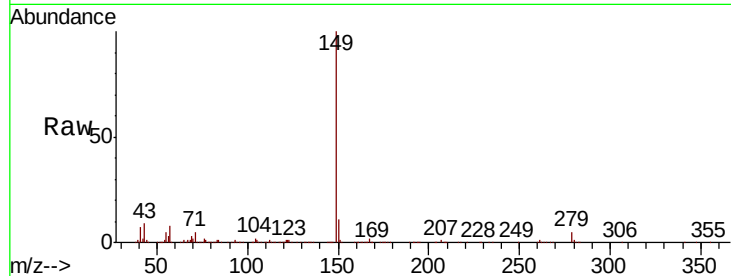




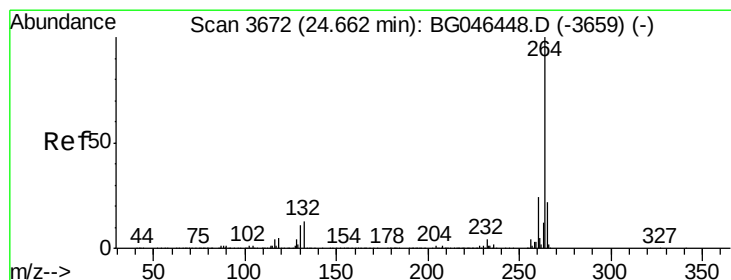
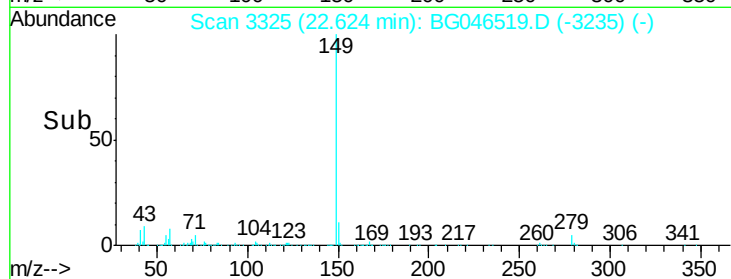
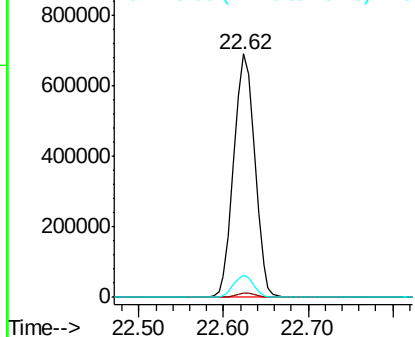
#85
Di-n-octyl phthalate
Concen: 41.838 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:149 Resp: 1173583
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 8.7 7.0 10.4

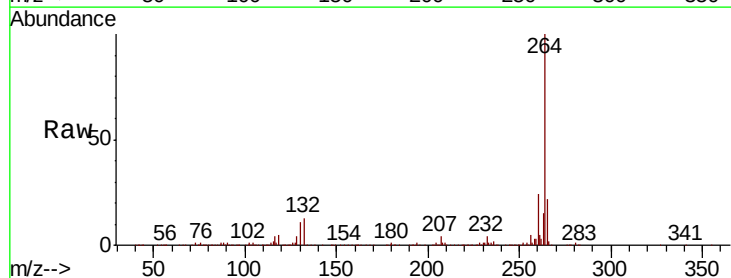


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

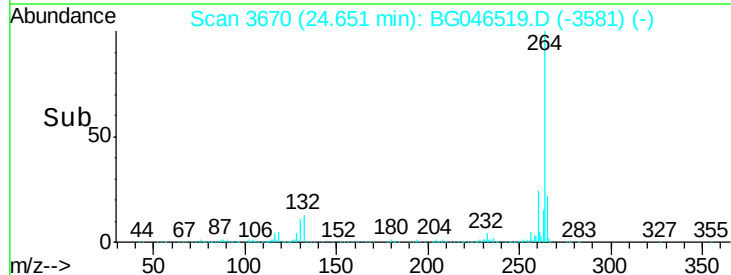
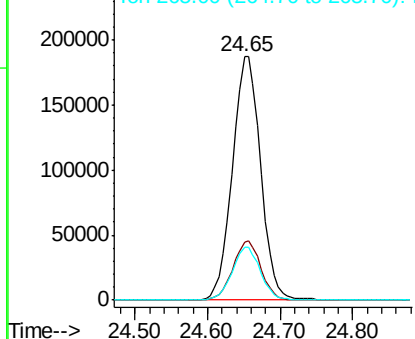


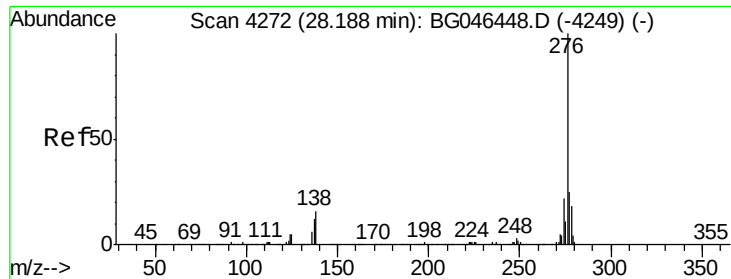
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:264 Resp: 506431
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



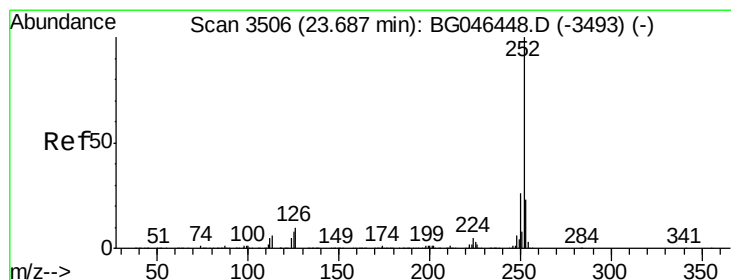
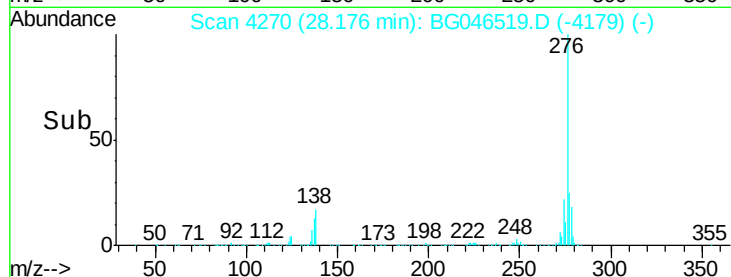
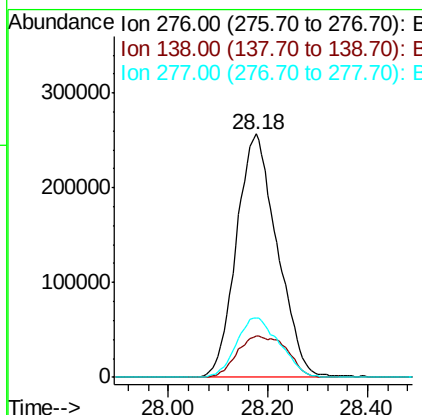
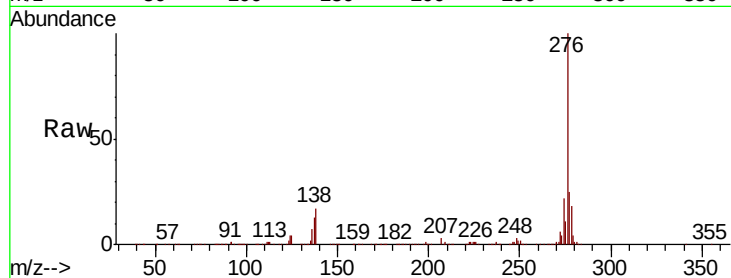


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.131 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion:276 Resp: 1459683

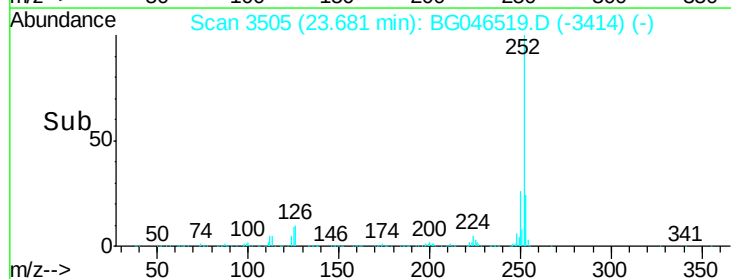
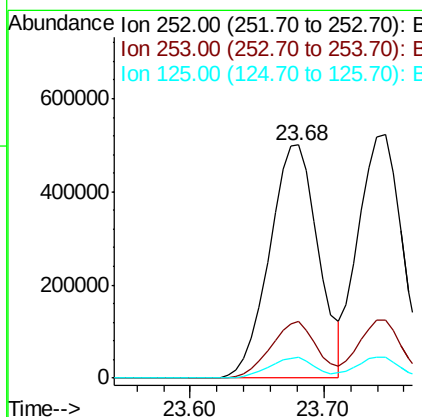
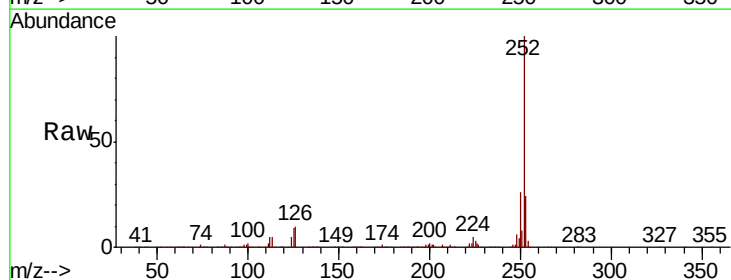
Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.0	20.7	31.1

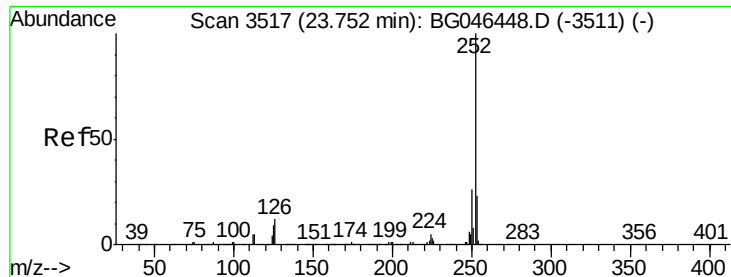


#88
 Benzo(b)fluoranthene
 Concen: 40.310 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion:252 Resp: 1274678

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.9	6.2	9.2

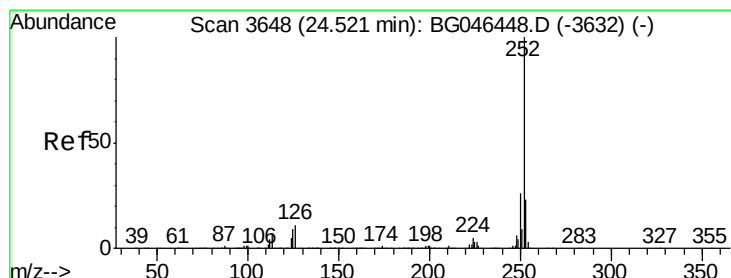
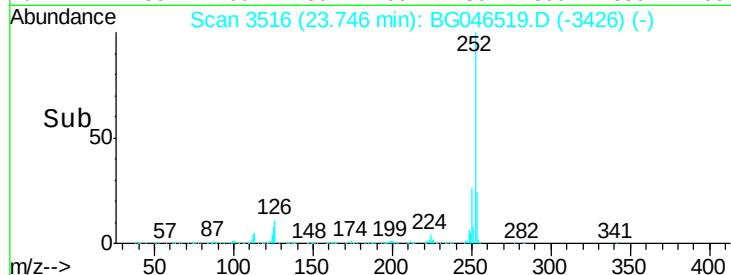
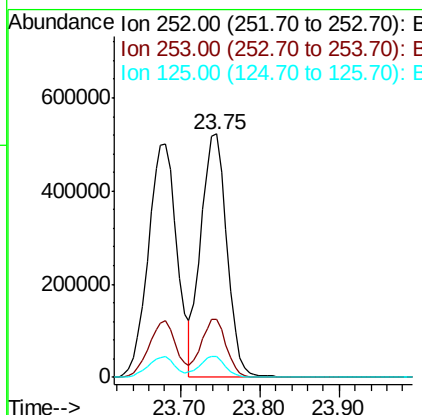
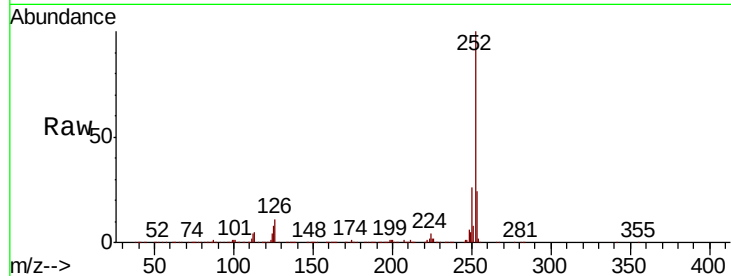




#89
Benzo(k)fluoranthene
Concen: 39.141 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

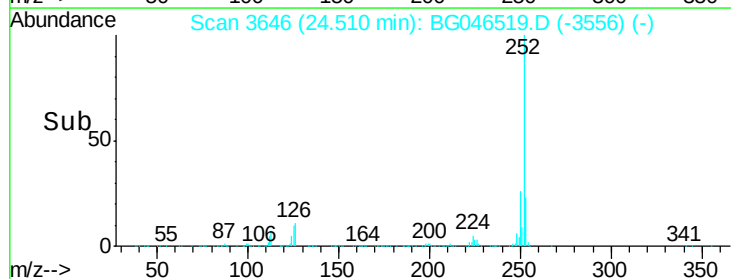
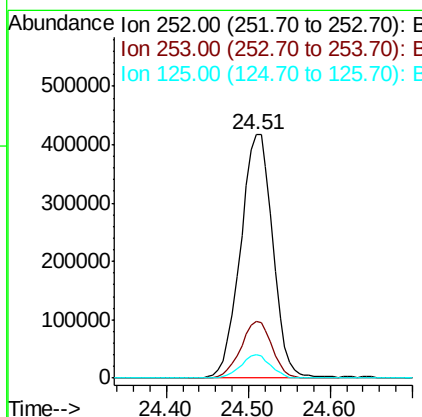
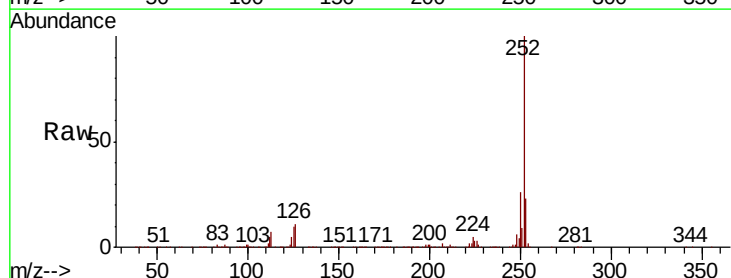
Instrument :
BNA_G
ClientSampleId :
PB131406BS

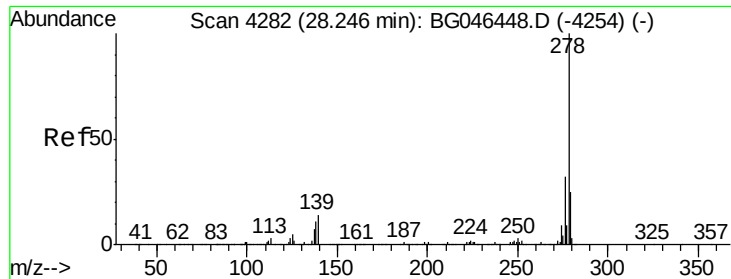
Tot Ion:252 Resp: 1196193
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.758 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:252 Resp: 1143771
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.8 7.4 11.0

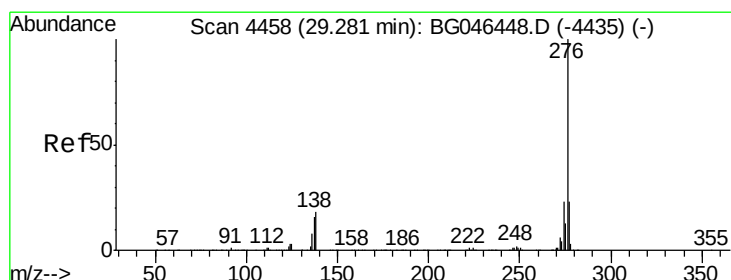
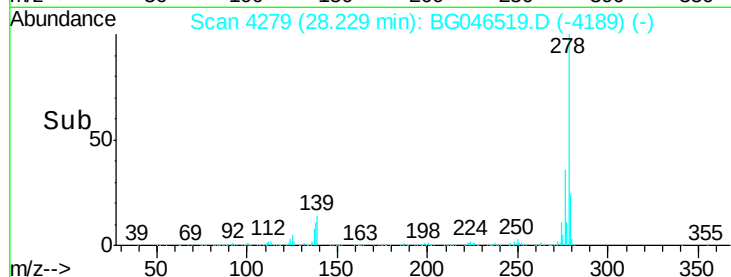
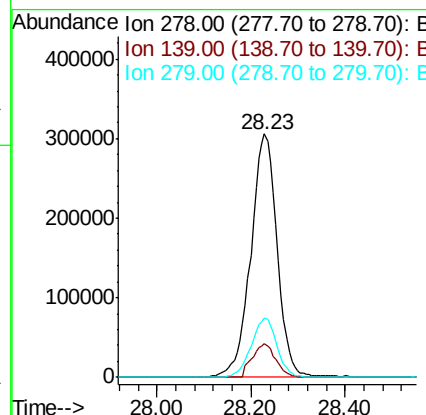
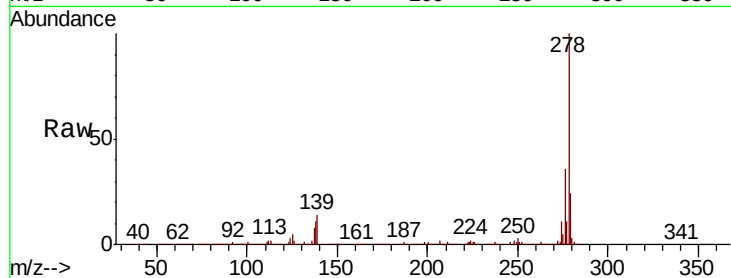




#91
Dibenzo(a,h)anthracene
Concen: 40.689 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:278 Resp: 1194300
Ion Ratio Lower Upper
278 100
139 13.6 11.2 16.8
279 24.5 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 41.602 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:276 Resp: 1219370
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 16.7 14.7 22.1

