

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045202.D
 Acq On : 29 Apr 2020 13:00
 Operator : CG/JU
 Sample : PB128519BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Quant Time: Apr 29 14:12:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58938	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235071	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	167617	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	436173	20.00	ng	0.00
76) Chrysene-d12	21.65	240	439595	20.00	ng	0.00
87) Perylene-d12	24.82	264	491461	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	312458	87.52	ng	0.00
7) Phenol-d6	7.16	99	434566	81.93	ng	0.00
23) Nitrobenzene-d5	9.15	82	390552	75.81	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	218068	84.21	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	927185	81.11	ng	0.00
79) Terphenyl-d14	19.99	244	1800886	89.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	57718	36.380	ng	98
3) Pyridine	3.84	79	159070	32.564	ng	96
4) n-Nitrosodimethylamine	3.76	42	62121	41.513	ng	89
6) Aniline	7.31	93	205889	29.855	ng	99
8) 2-Chlorophenol	7.56	128	173587	45.243	ng	99
9) Benzaldehyde	7.12	77	58050	14.492	ng	99
10) Phenol	7.18	94	234348	44.153	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	160152	37.898	ng	98
12) 1,3-Dichlorobenzene	7.88	146	185898	41.118	ng	97
13) 1,4-Dichlorobenzene	8.02	146	188192	41.774	ng	96
14) 1,2-Dichlorobenzene	8.35	146	172357	39.991	ng	96
15) Benzyl Alcohol	8.23	79	167220	37.603	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	143985	34.710	ng	96
17) 2-Methylphenol	8.44	107	156684	38.261	ng	96
18) Hexachloroethane	9.07	117	70806	41.809	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	137762	36.726	ng	98
20) 3+4-Methylphenols	8.76	107	210129	36.659	ng	97
22) Acetophenone	8.81	105	254608	40.052	ng	97
24) Nitrobenzene	9.19	77	211818	40.111	ng	97
25) Isophorone	9.71	82	390019	36.968	ng	99
26) 2-Nitrophenol	9.90	139	95006	41.767	ng	97
27) 2,4-Dimethylphenol	9.97	122	157986	43.772	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	218464	39.411	ng	98
29) 2,4-Dichlorophenol	10.45	162	180901	43.407	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	190631	40.400	ng	99
31) Naphthalene	10.85	128	522486	40.630	ng	99
32) Benzoic acid	10.11	122	109502	38.943	ng	96
33) 4-Chloroaniline	10.95	127	127484	21.257	ng	98
34) Hexachlorobutadiene	11.15	225	135420	41.859	ng	96
35) Caprolactam	11.71	113	37261	22.464	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	203352	41.536	ng	97
37) 2-Methylnaphthalene	12.46	142	411079	41.185	ng	99
38) 1-Methylnaphthalene	12.46	142	411079	43.626	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	223810	41.471	ng	98

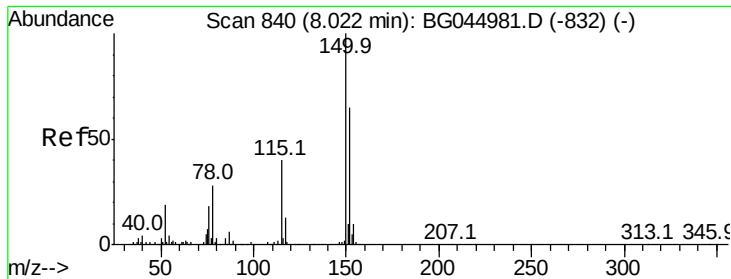
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	320278	94.951	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	165760	43.519	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	173563	40.033	ng	97
46) 1,1'-Biphenyl	13.46	154	514266	40.366	ng	98
47) 2-Chloronaphthalene	13.50	162	399852	41.075	ng	99
48) 2-Nitroaniline	13.70	65	131965	41.202	ng	99
49) Acenaphthylene	14.36	152	658086	41.503	ng	98
50) Dimethylphthalate	14.09	163	551089	40.378	ng	98
51) 2,6-Dinitrotoluene	14.20	165	126106	41.310	ng	96
52) Acenaphthene	14.70	154	404944	37.745	ng	98
53) 3-Nitroaniline	14.53	138	91720	27.395	ng	95
54) 2,4-Dinitrophenol	14.74	184	163286	89.954	ng	95
55) Dibenzofuran	15.03	168	655461	41.906	ng	99
56) 4-Nitrophenol	14.85	139	218912	84.327	ng	98
57) 2,4-Dinitrotoluene	14.99	165	187540	42.038	ng	# 93
58) Fluorene	15.68	166	550006	43.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	175194	45.415	ng	98
60) Diethylphthalate	15.45	149	584539	41.079	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	304197	41.367	ng	99
62) 4-Nitroaniline	15.69	138	137350	39.552	ng	93
63) Azobenzene	15.97	77	554148	42.240	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	124946	43.581	ng	96
66) n-Nitrosodiphenylamine	15.88	169	492060	39.264	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	210234	37.362	ng	95
68) Hexachlorobenzene	16.69	284	231869	39.732	ng	98
69) Atrazine	16.83	200	212001	46.545	ng	99
70) Pentachlorophenol	17.03	266	301281	84.155	ng	99
71) Phenanthrene	17.42	178	937326	41.819	ng	98
72) Anthracene	17.52	178	968385	43.071	ng	99
73) Carbazole	17.78	167	918974	40.277	ng	98
74) Di-n-butylphthalate	18.34	149	1116044	44.925	ng	100
75) Fluoranthene	19.43	202	1254665	48.042	ng	98
77) Benzidine	19.61	184	681922	54.863	ng	99
78) Pyrene	19.80	202	1233728	40.709	ng	99
80) Butylbenzylphthalate	20.68	149	518081	41.241	ng	99
81) Benzo(a)anthracene	21.62	228	1189752	41.757	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	360283	31.770	ng	# 98
83) Chrysene	21.69	228	1159876	42.369	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	714483	41.354	ng	99
85) Di-n-octyl phthalate	22.74	149	1248844	41.800	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1549529	42.633	ng	# 96
88) Benzo(b)fluoranthene	23.81	252	1308166	42.494	ng	99
89) Benzo(k)fluoranthene	23.88	252	1261489	43.089	ng	99
90) Benzo(a)pyrene	24.67	252	1209843	41.624	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	1259007	42.987	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1264811	43.075	ng	99

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

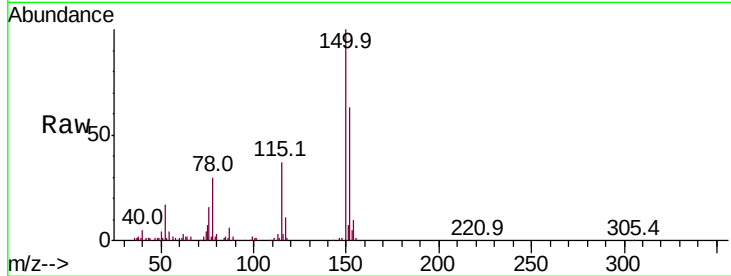


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.6	185.4
115	58.7	49.1	73.7

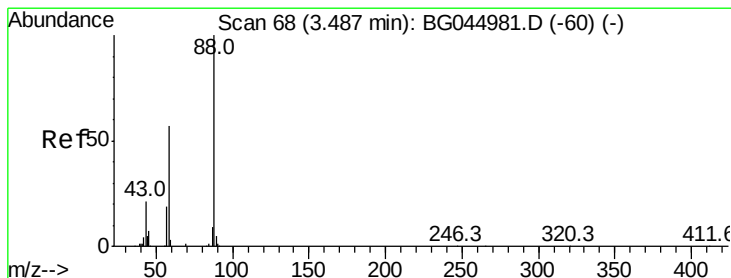
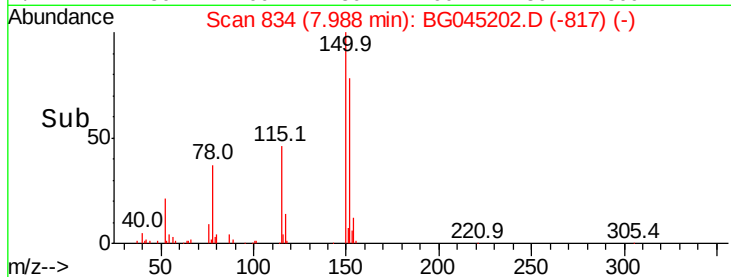
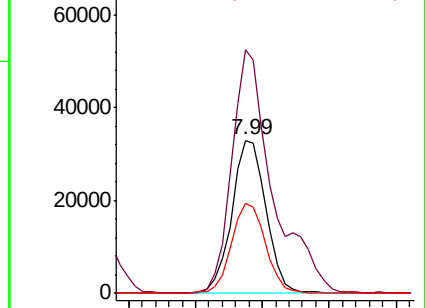


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

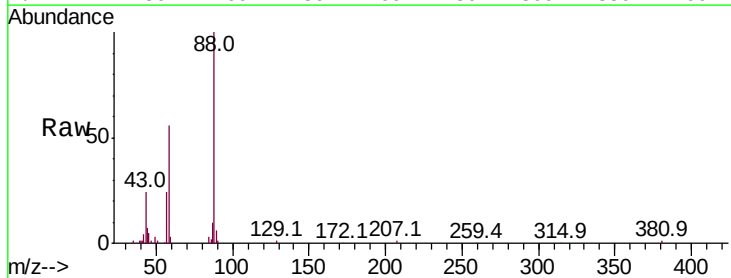
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.380 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	46.6	69.8
43	20.0	17.5	26.3

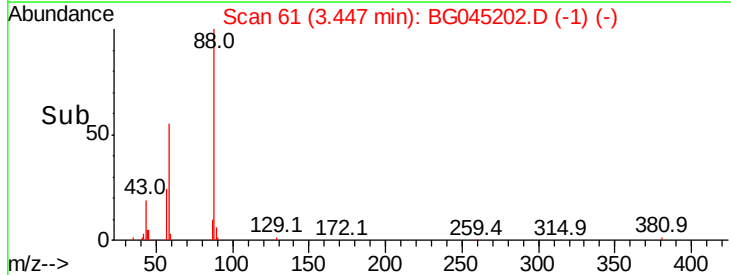
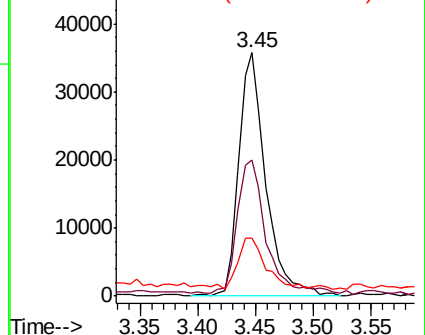


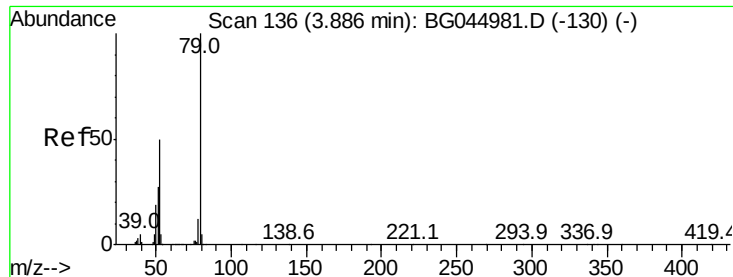
Abundance

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: 32.564 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

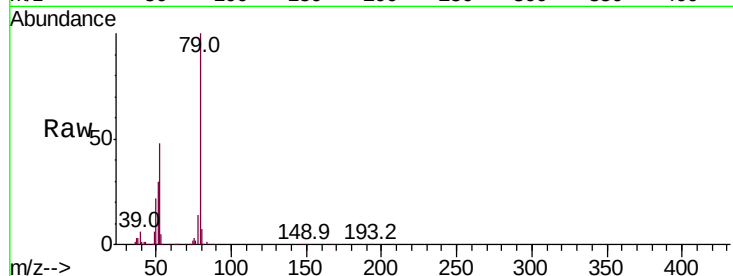
Tot Ion: 79 Resp: 159070

Ion Ratio Lower Upper

79 100

52 47.8 39.8 59.6

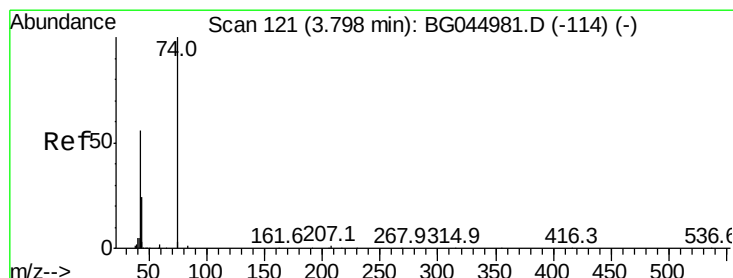
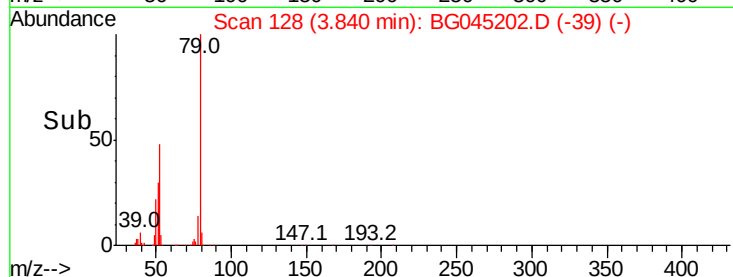
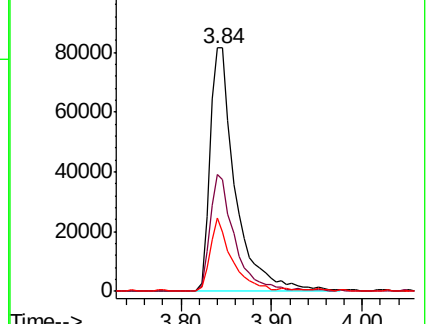
51 30.4 21.4 32.2



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: 41.513 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

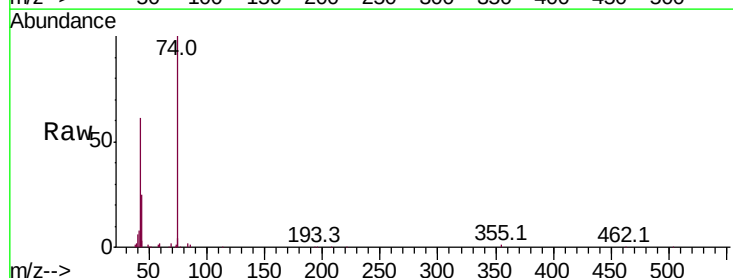
Tgt Ion: 42 Resp: 62121

Ion Ratio Lower Upper

42 100

74 163.3 143.0 214.6

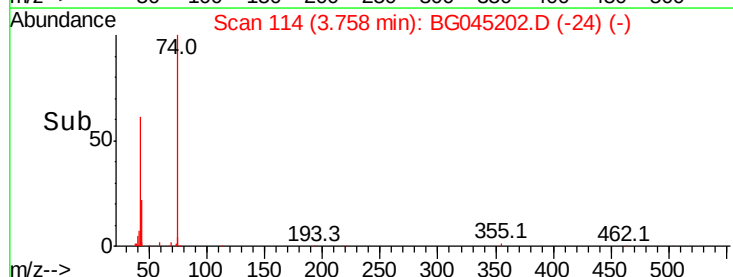
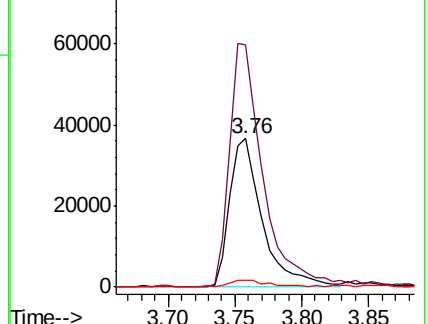
44 4.9 4.6 6.8

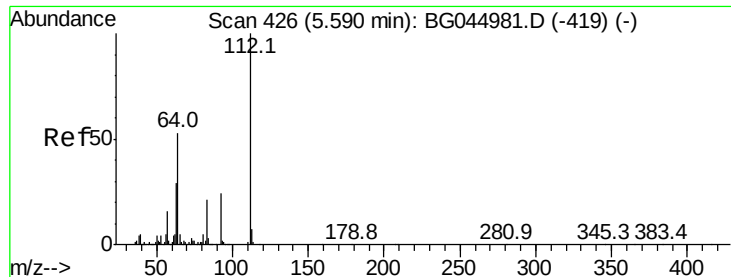


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 87.524 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

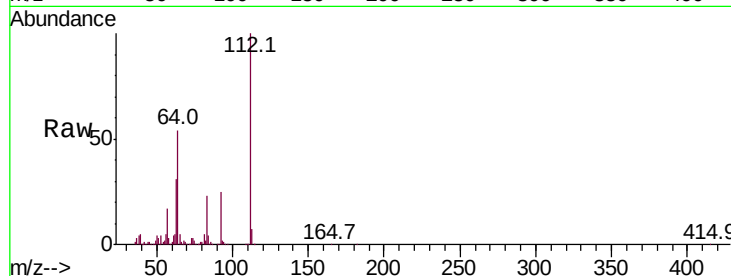
Tot Ion:112 Resp: 312458

Ion Ratio Lower Upper

112 100

64 53.9 42.4 63.6

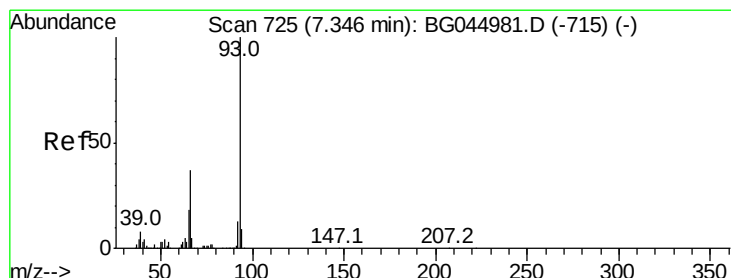
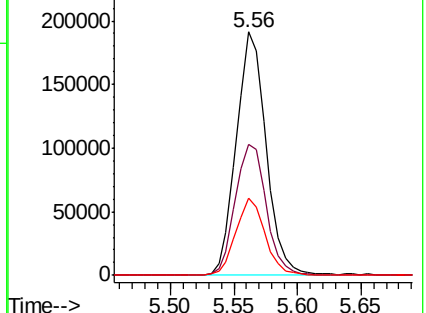
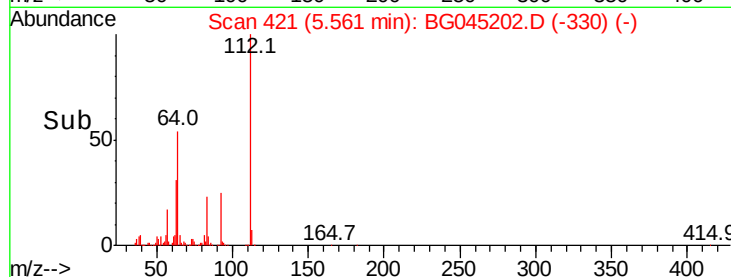
63 31.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 29.855 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

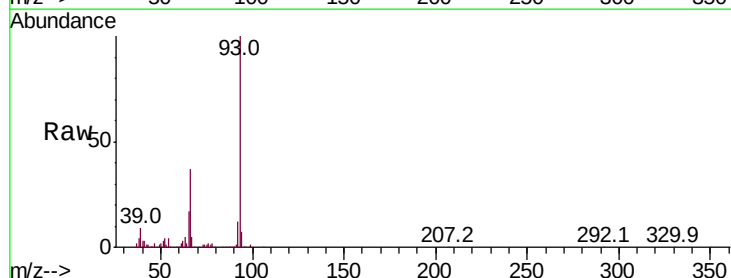
Tgt Ion: 93 Resp: 205889

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

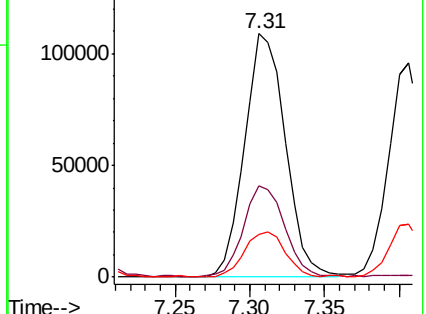
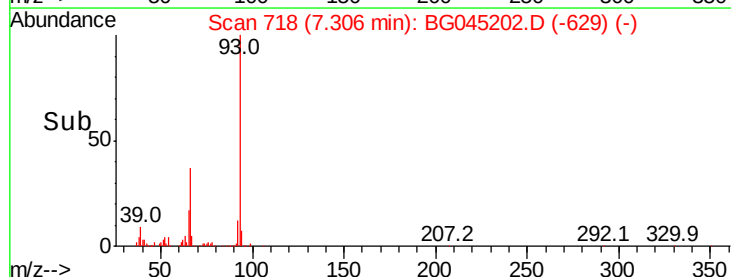
65 17.4 14.6 22.0

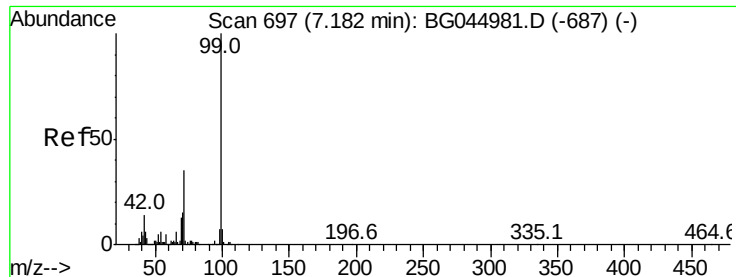


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 81.931 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

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ClientSampleId :

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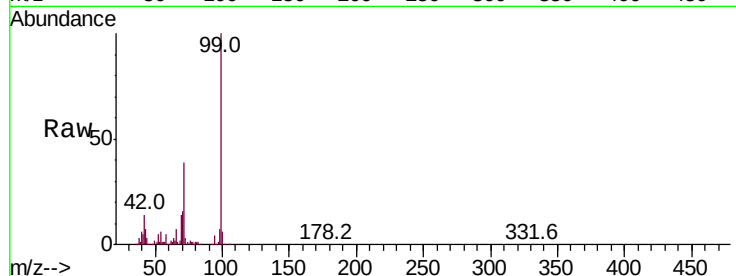
Tot Ion: 99 Resp: 434566

Ion Ratio Lower Upper

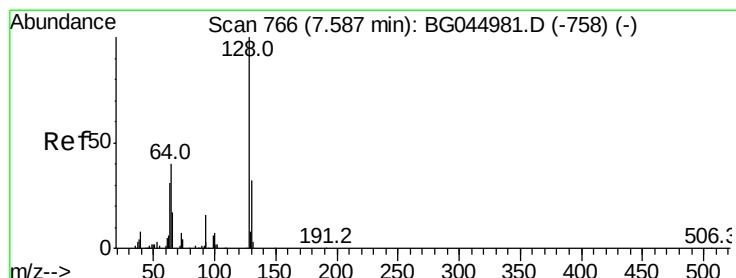
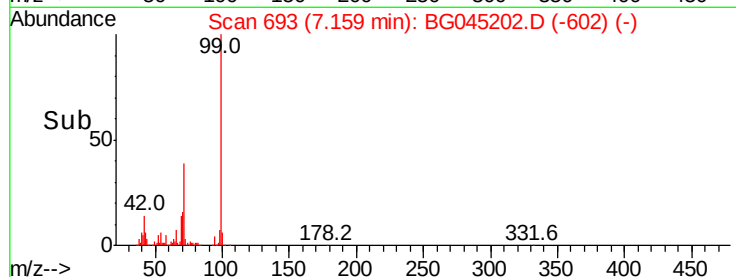
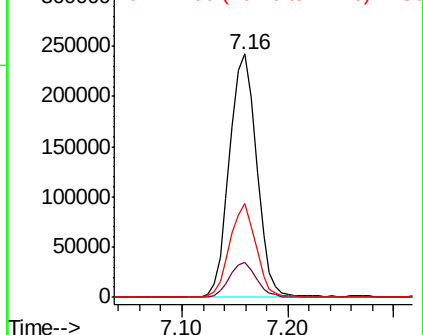
99 100

42 14.3 11.3 16.9

71 38.7 28.3 42.5



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: 45.243 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

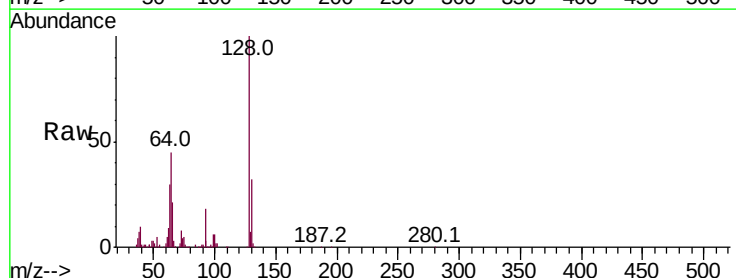
Tgt Ion: 128 Resp: 173587

Ion Ratio Lower Upper

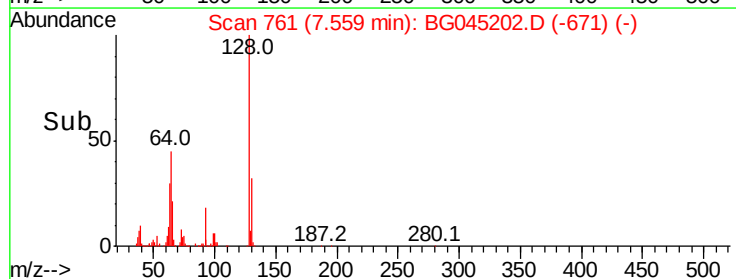
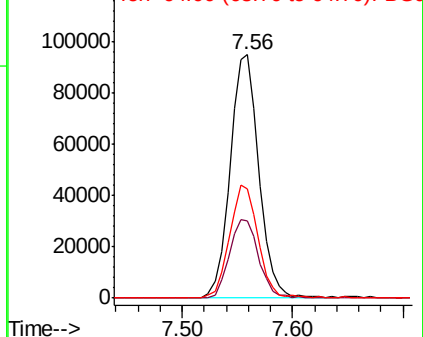
128 100

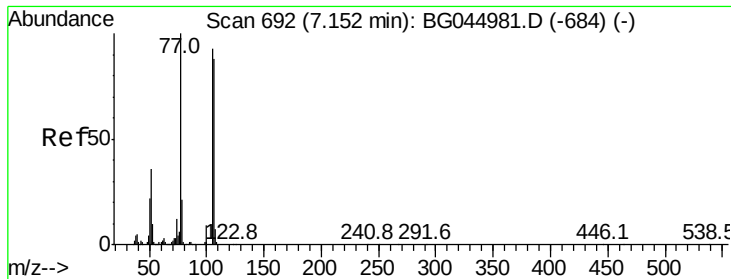
130 31.7 12.3 52.3

64 44.8 24.4 64.4



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





#9

Benzaldehyde

Concen: 14.492 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

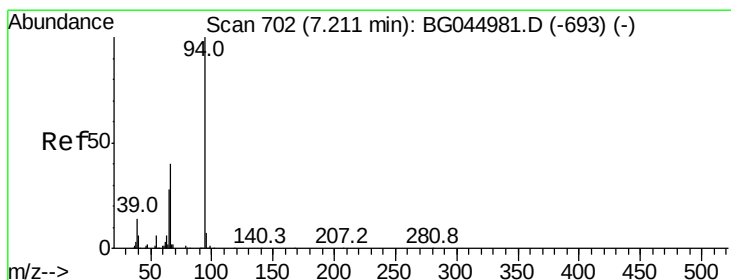
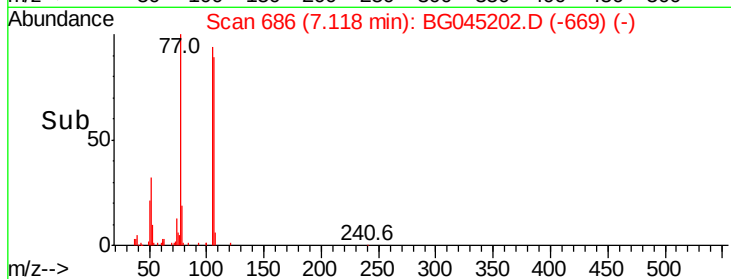
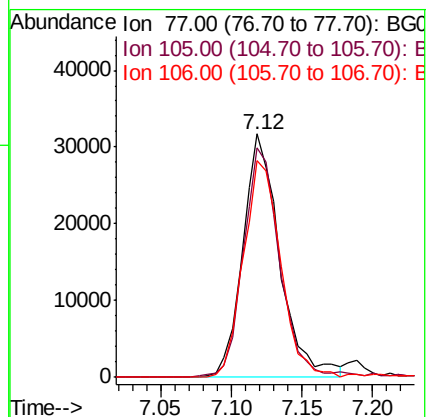
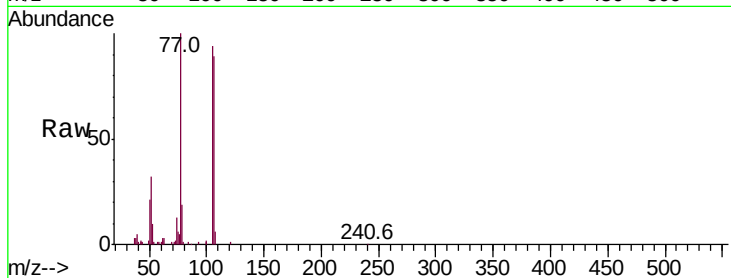
Tot Ion: 77 Resp: 58050

Ion Ratio Lower Upper

77 100

105 94.5 72.9 112.9

106 88.8 67.6 107.6



#10

Phenol

Concen: 44.153 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

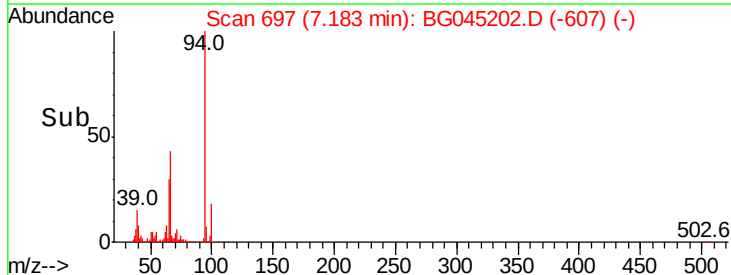
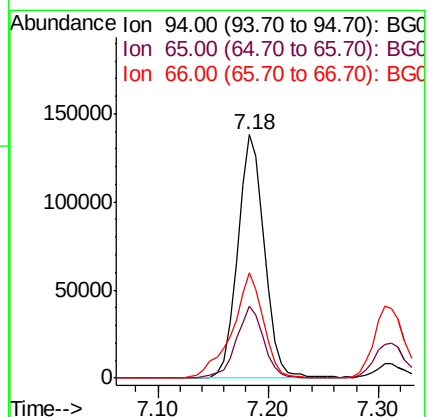
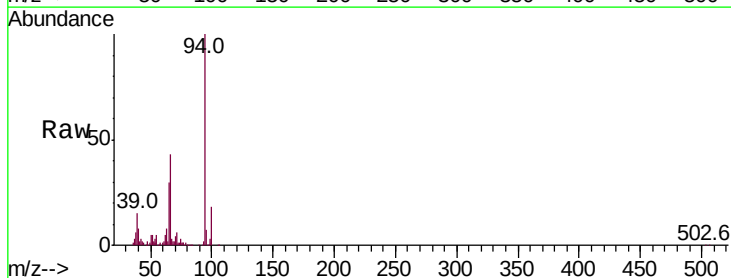
Tgt Ion: 94 Resp: 234348

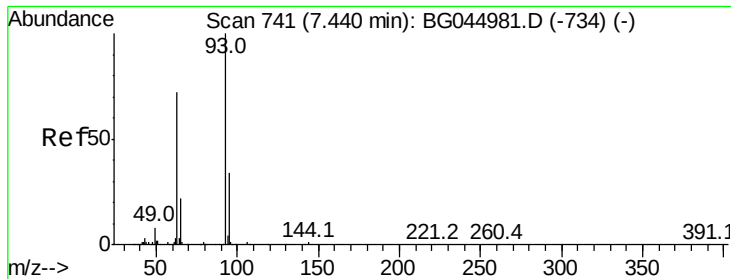
Ion Ratio Lower Upper

94 100

65 29.7 8.2 48.2

66 43.1 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 37.898 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

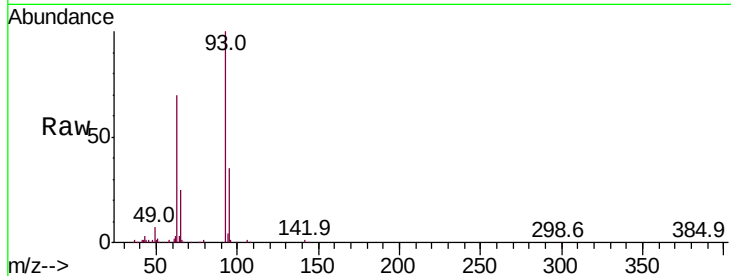
Tot Ion: 93 Resp: 160152

Ion Ratio Lower Upper

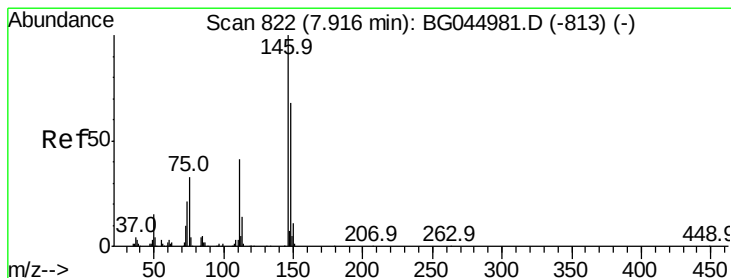
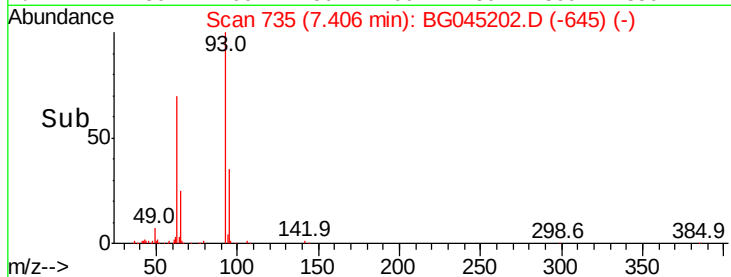
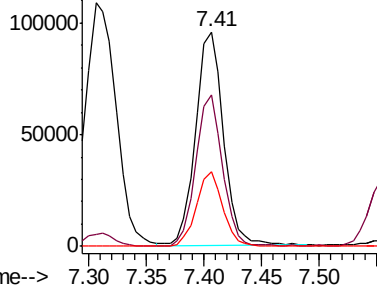
93 100

63 70.4 51.8 91.8

95 34.6 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 41.118 ng

RT: 7.88 min Scan# 816

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

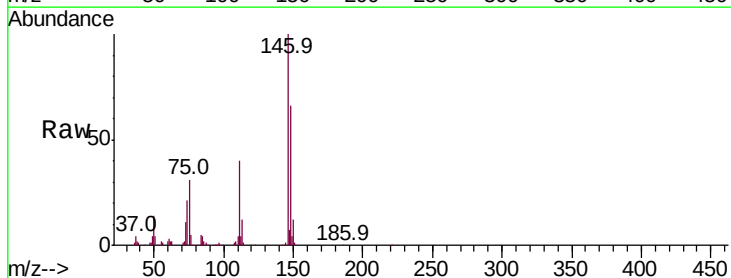
Tgt Ion: 146 Resp: 185898

Ion Ratio Lower Upper

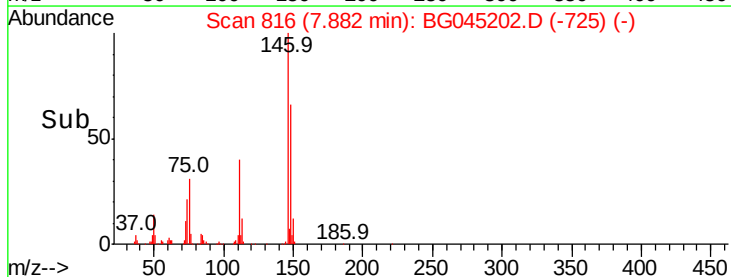
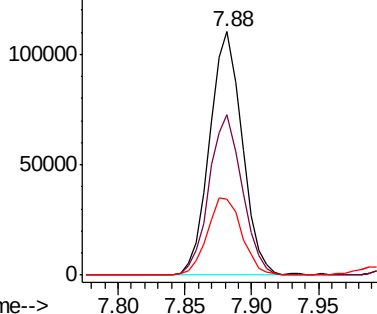
146 100

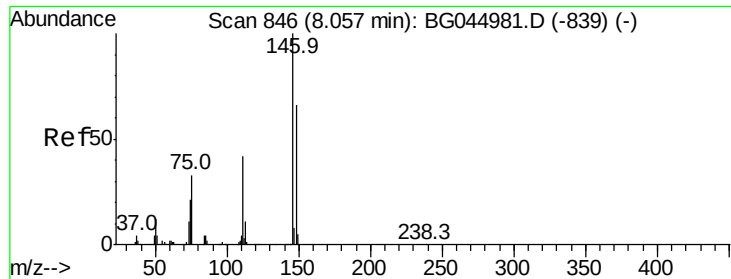
148 66.1 54.6 81.8

75 31.1 26.0 39.0



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

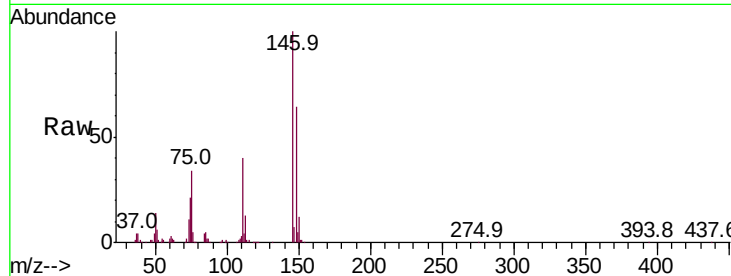




#13
 1,4-Dichlorobenzene
 Concen: 41.774 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.3	79.9
111	40.2	33.8	50.8

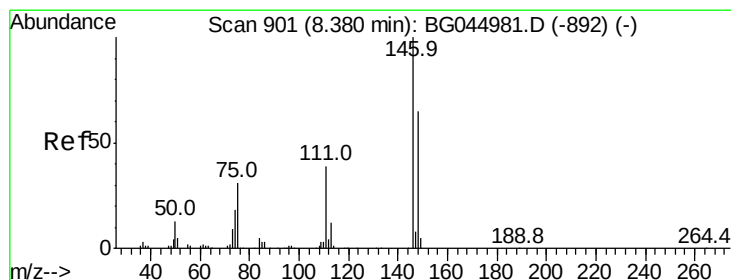
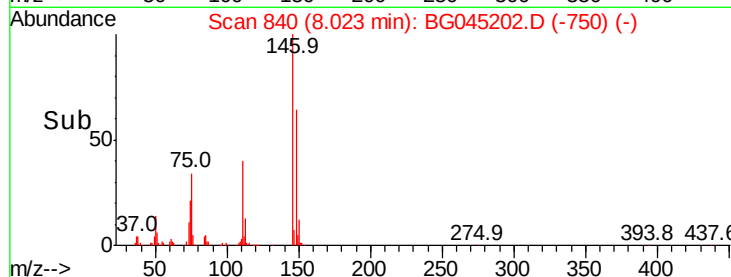
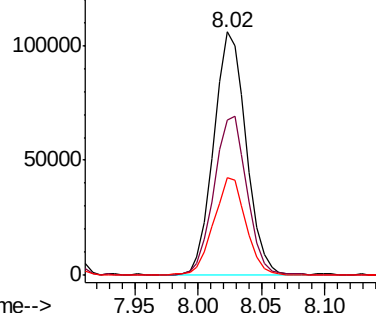


Abundance

Ion 146.00 (145.70 to 146.70): E

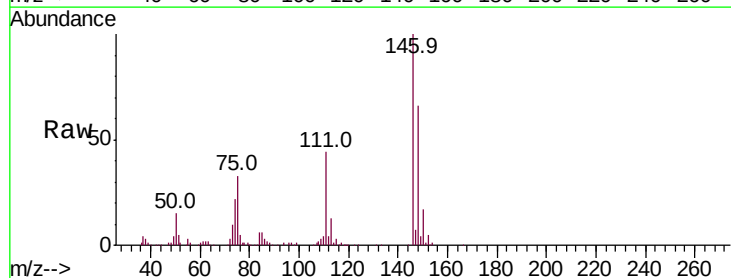
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.991 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	44.0	31.3	46.9

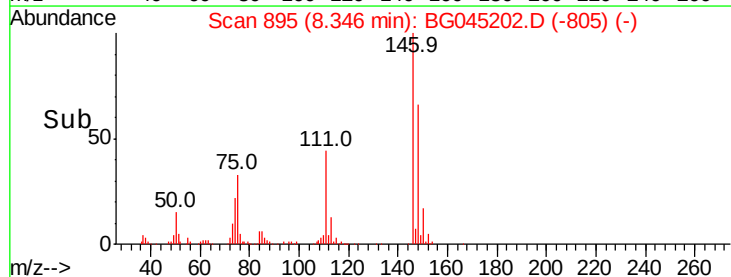
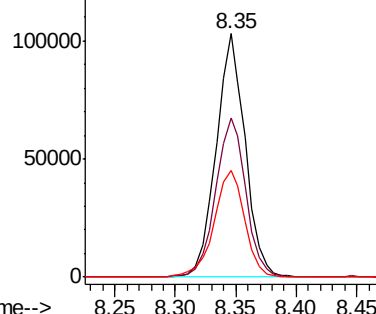


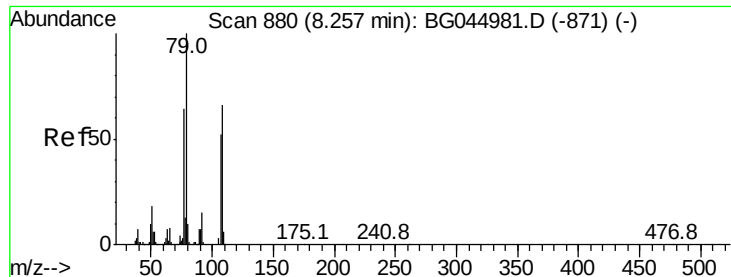
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.603 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

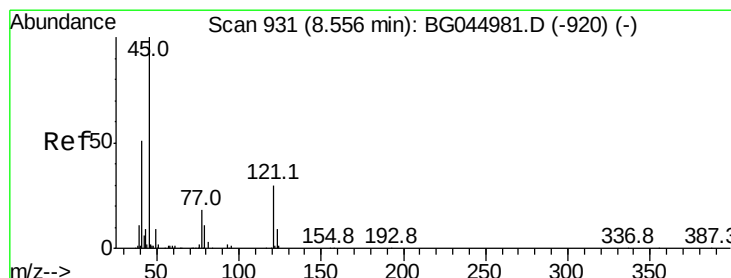
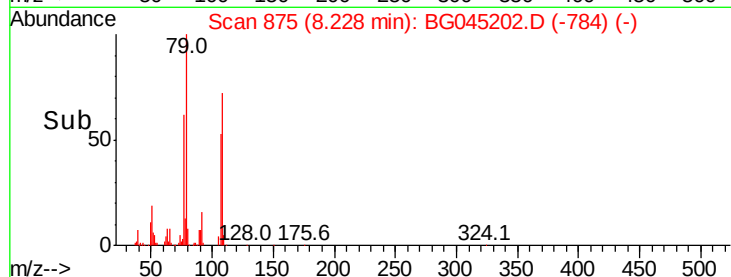
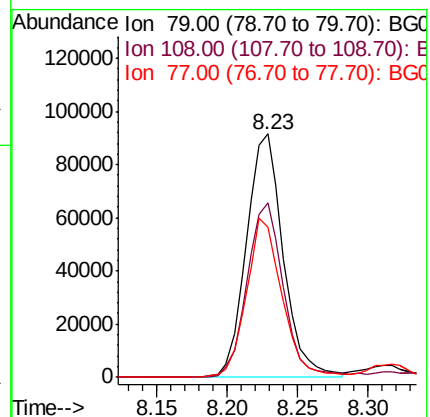
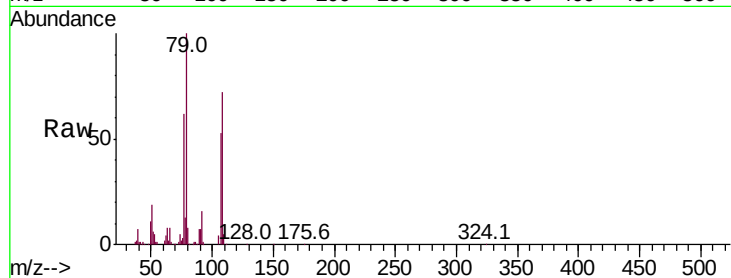
Tot Ion: 79 Resp: 167220

Ion Ratio Lower Upper

79 100

108 71.6 52.7 79.1

77 61.9 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.710 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

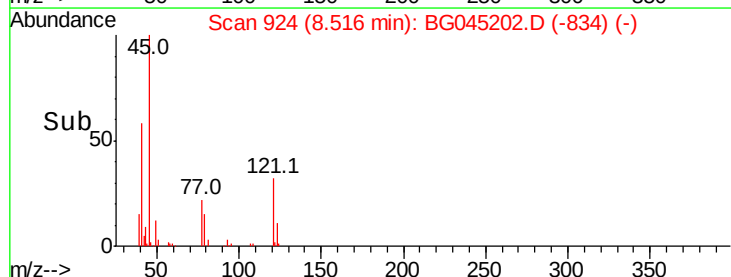
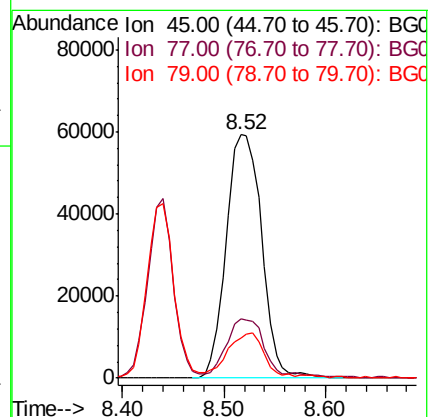
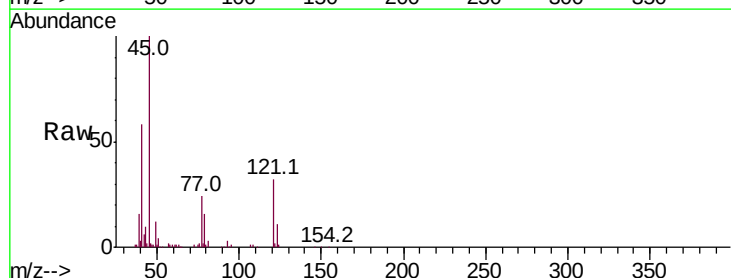
Tgt Ion: 45 Resp: 143985

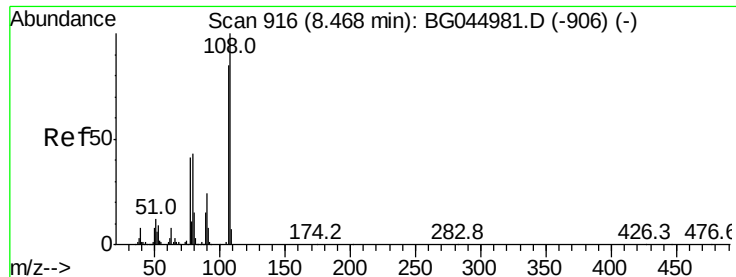
Ion Ratio Lower Upper

45 100

77 24.4 1.9 41.9

79 16.4 0.0 35.5





#17

2-Methylphenol

Concen: 38.261 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

Tot Ion:107 Resp: 156684

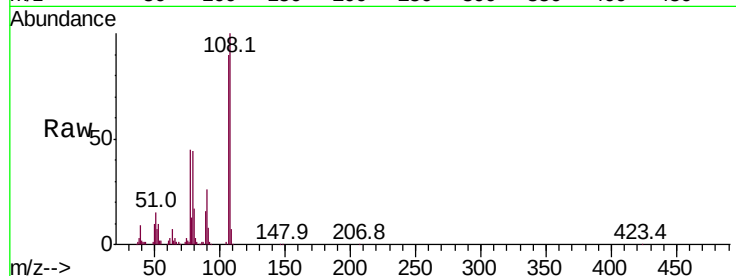
Ion Ratio Lower Upper

107 100

108 111.1 93.8 140.6

77 50.2 38.5 57.7

79 48.8 40.1 60.1

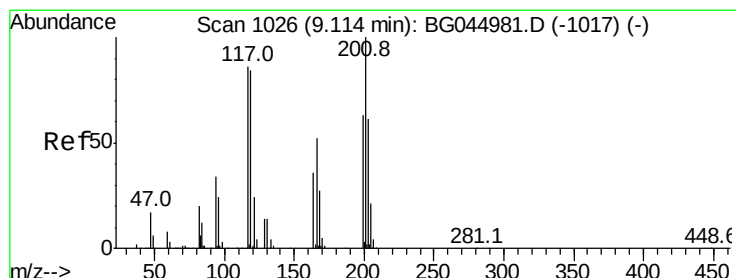
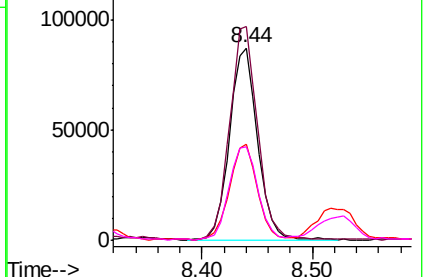
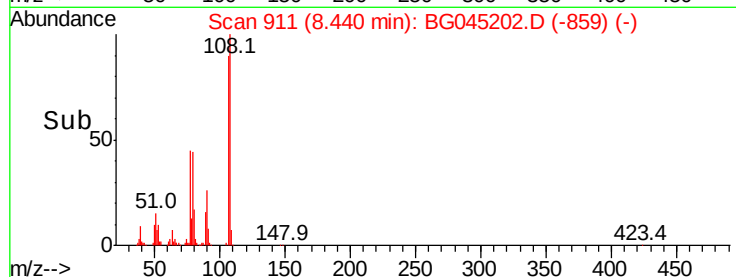


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 41.809 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

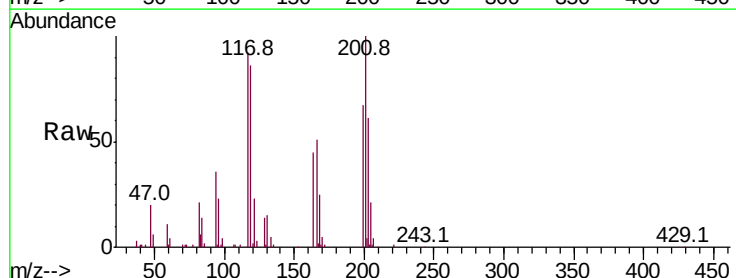
Tgt Ion:117 Resp: 70806

Ion Ratio Lower Upper

117 100

119 93.2 78.3 117.5

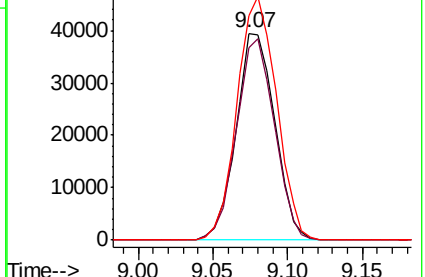
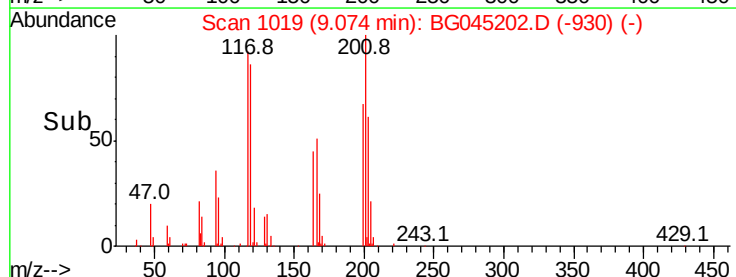
201 108.8 92.9 139.3

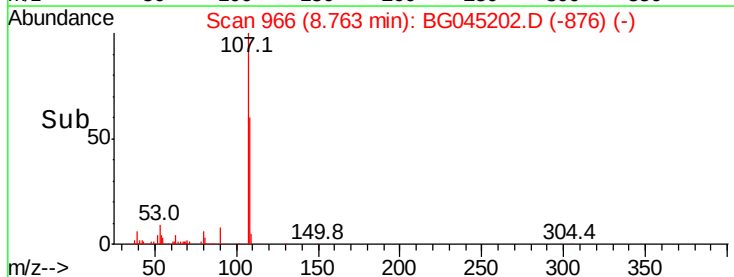
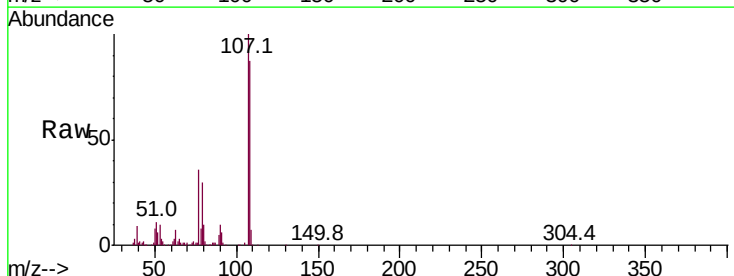
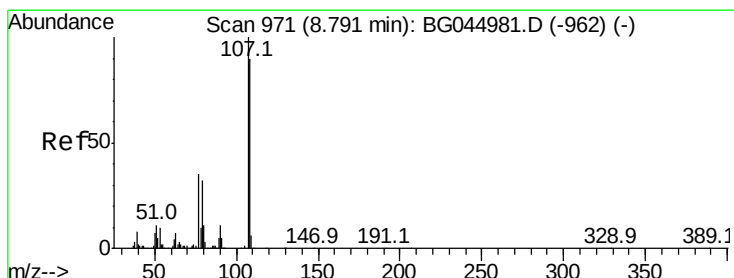
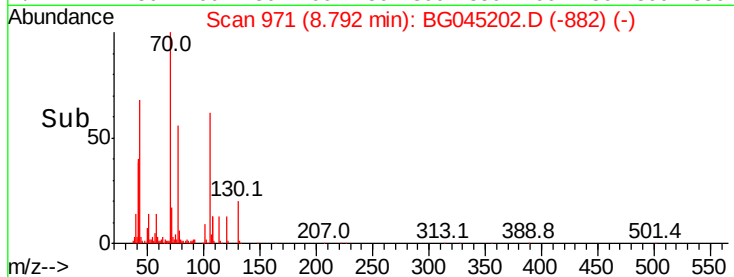
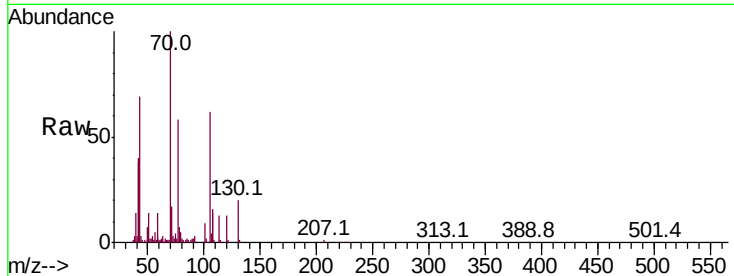
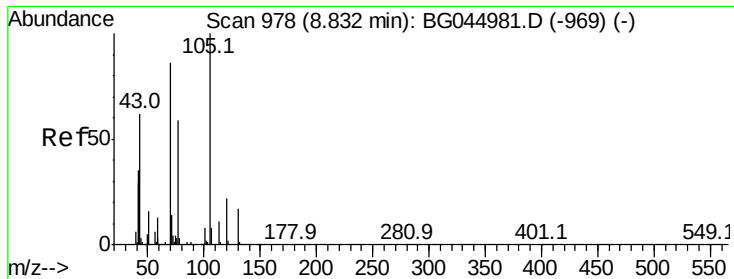


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

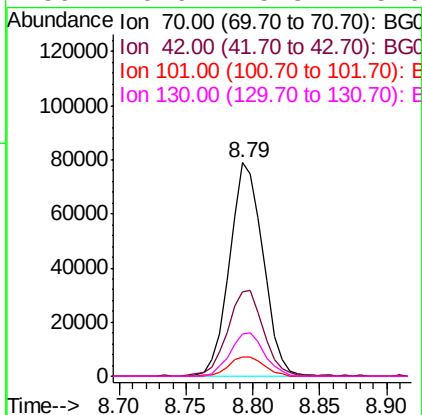




#19
n-Nitroso-di-n-propylamine
Concen: 36.726 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

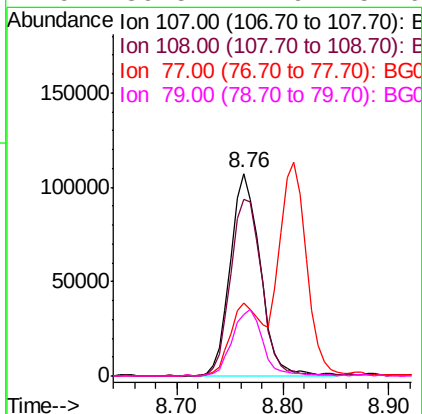
Instrument :
BNA_G
ClientSampleId :
PB128519BS

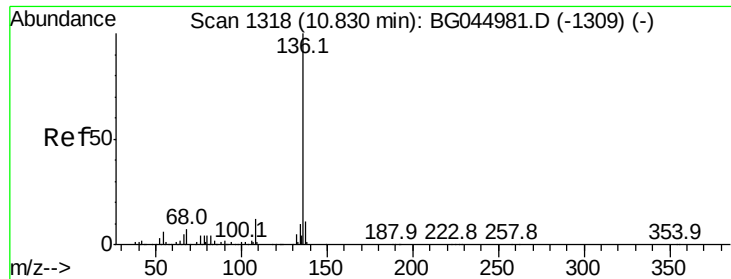
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.5	33.3	49.9	
101	9.2	7.8	11.8	
130	19.6	15.8	23.6	



#20
3+4-Methylphenols
Concen: 36.659 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	69.9	109.9	
77	36.1	15.2	55.2	
79	30.5	11.6	51.6	

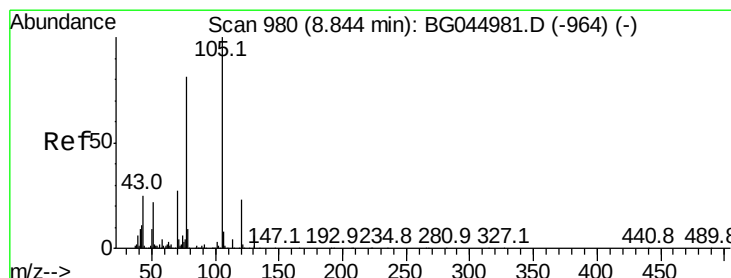
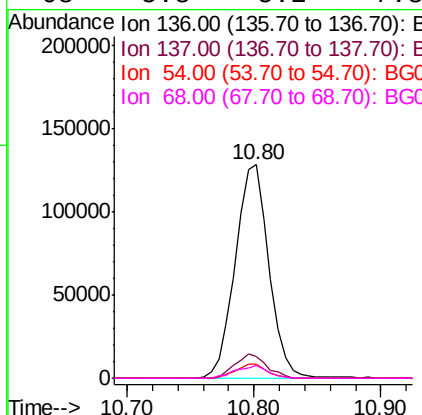
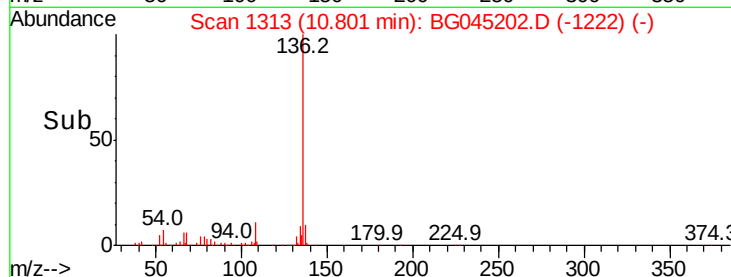
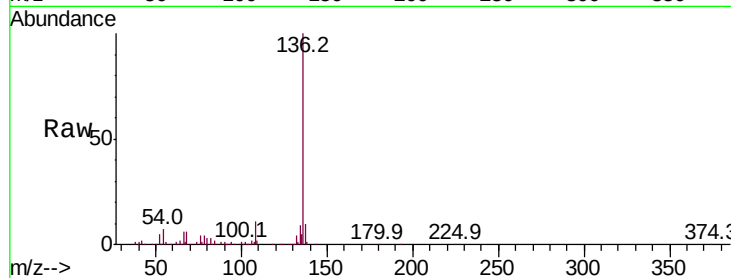




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

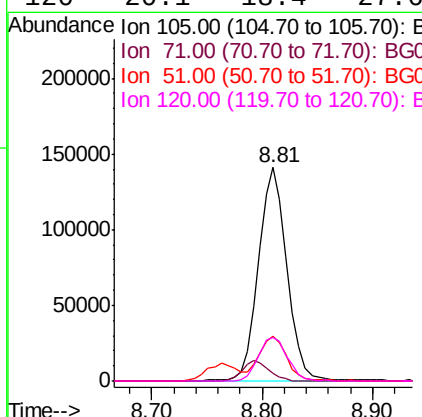
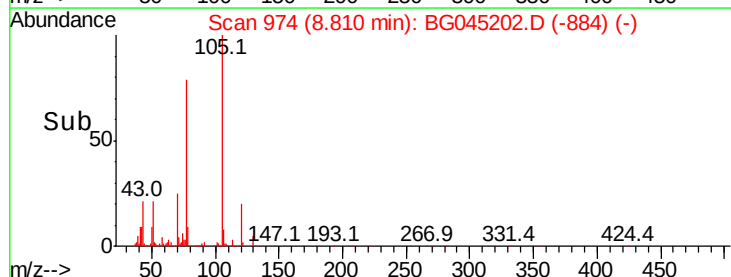
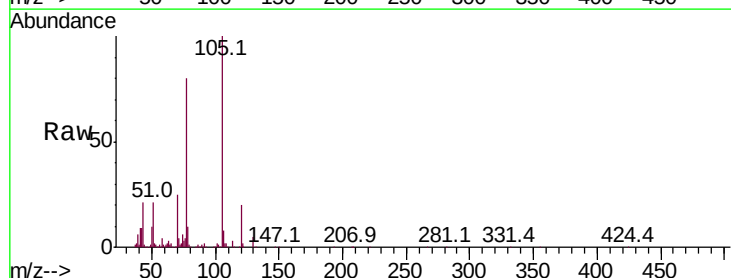
Instrument :
BNA_G
ClientSampleId :
PB128519BS

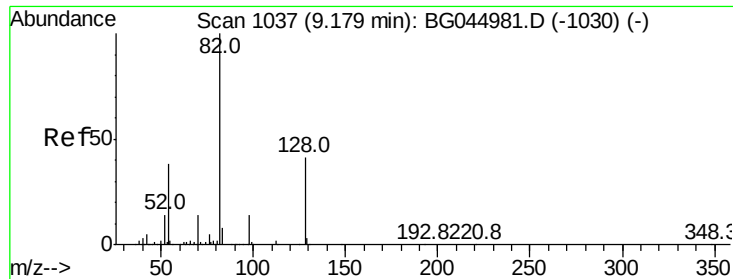
Tot Ion:136	Resp:	235071
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.6 13.0
54	6.7	4.8 7.2
68	5.8	5.2 7.8



#22
Acetophenone
Concen: 40.052 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:105	Resp:	254608
Ion Ratio	Lower	Upper
105	100	
71	3.6	3.3 4.9
51	21.2	17.3 25.9
120	20.1	18.4 27.6

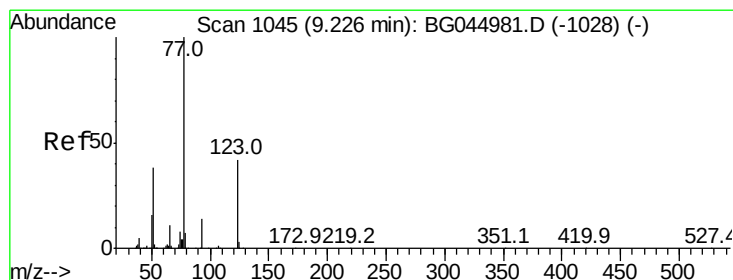
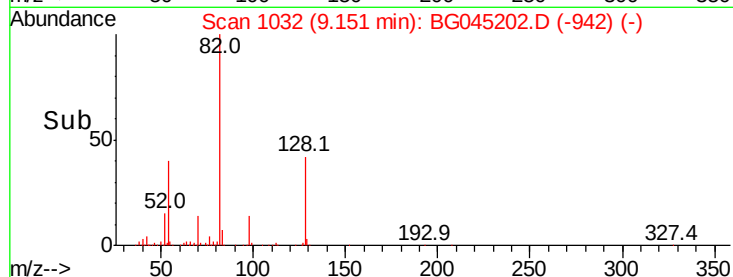
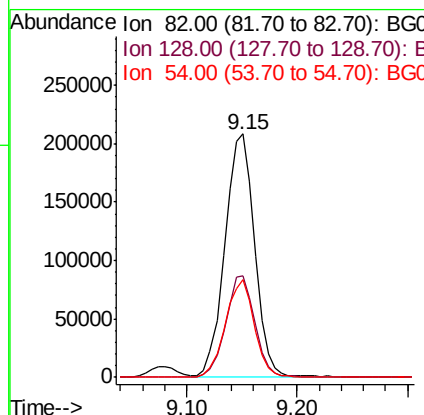
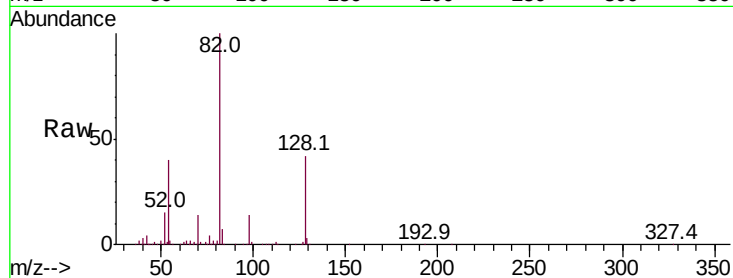




#23
 Nitrobenzene-d5
 Concen: 75.809 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

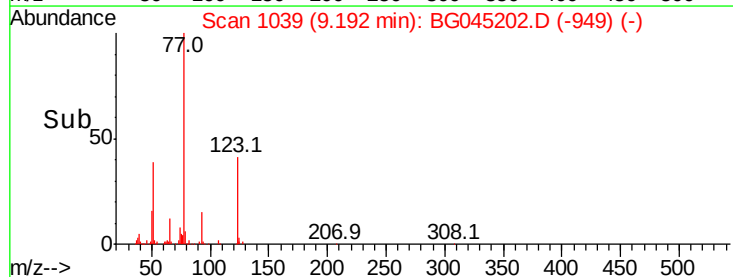
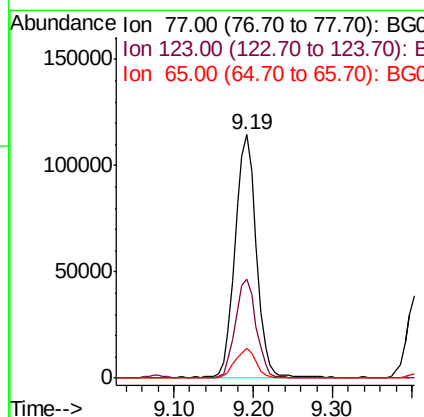
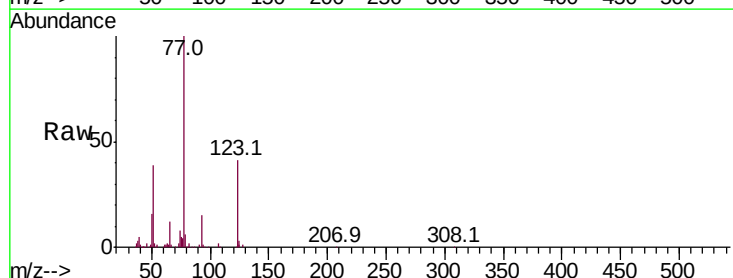
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

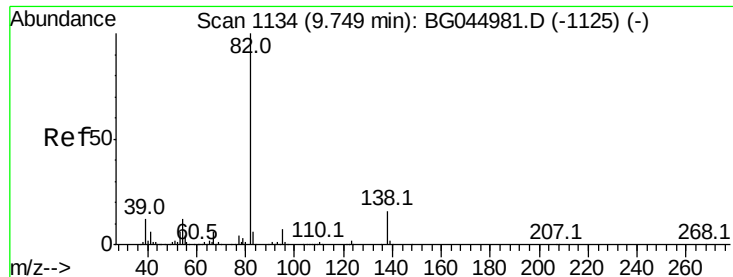
Tot Ion	82	Resp	390552
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	40.0	30.4	45.6



#24
 Nitrobenzene
 Concen: 40.111 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	77	Resp	211818
Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	12.4	8.9	13.3





#25

Isophorone

Concen: 36.968 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

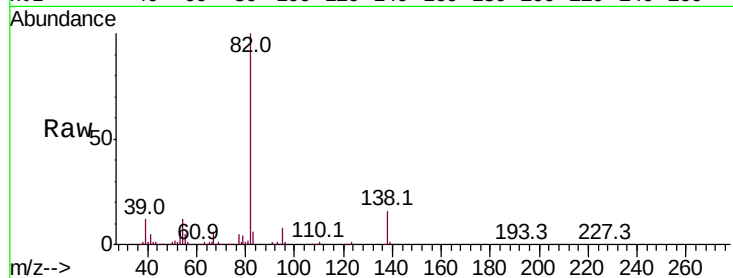
Tot Ion: 82 Resp: 390019

Ion Ratio Lower Upper

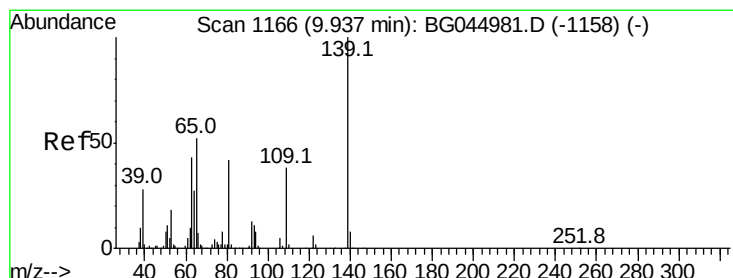
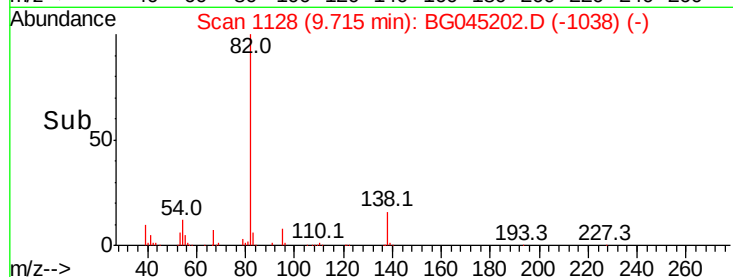
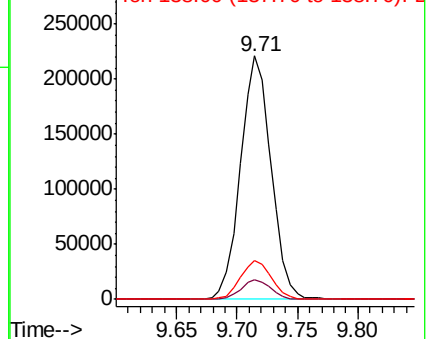
82 100

95 8.3 6.0 9.0

138 16.0 12.7 19.1



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



#26

2-Nitrophenol

Concen: 41.767 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

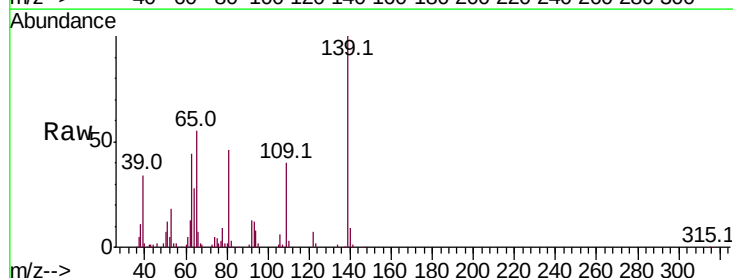
Tgt Ion: 139 Resp: 95006

Ion Ratio Lower Upper

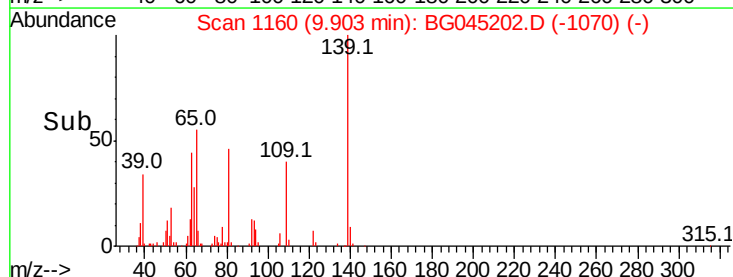
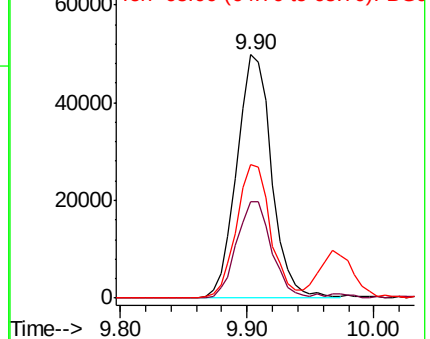
139 100

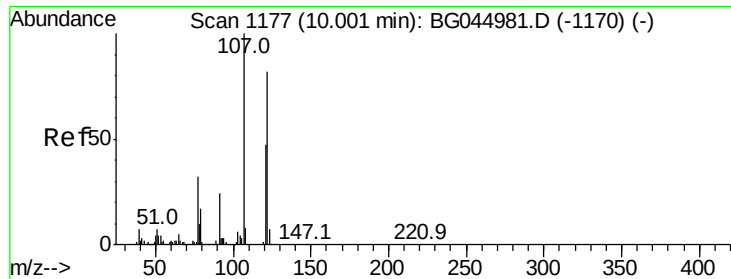
109 39.7 30.6 45.8

65 54.8 41.8 62.6



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

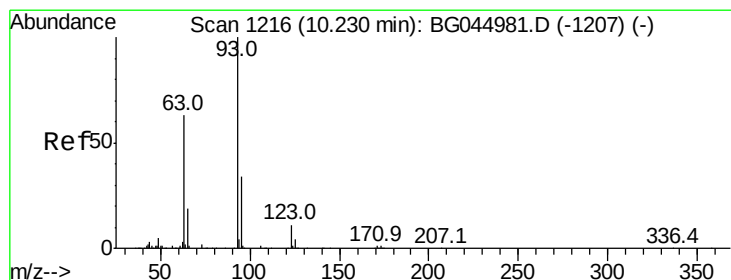
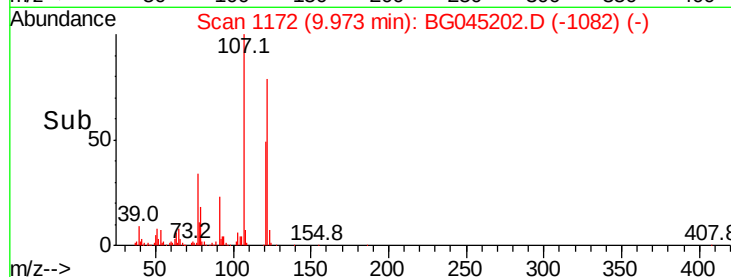
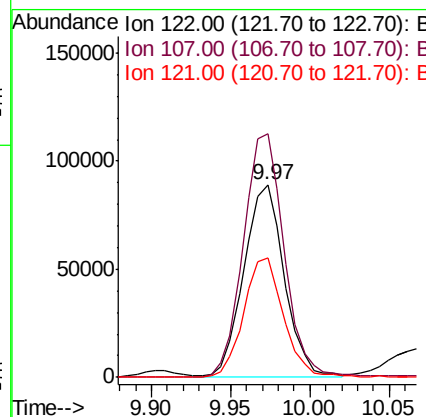
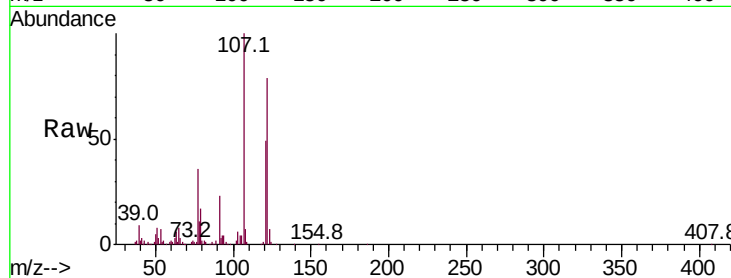




#27
 2,4-Dimethylphenol
 Concen: 43.772 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

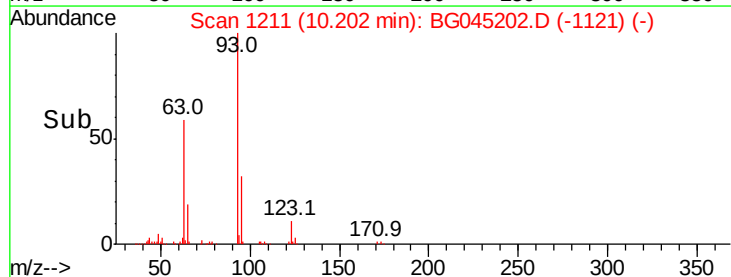
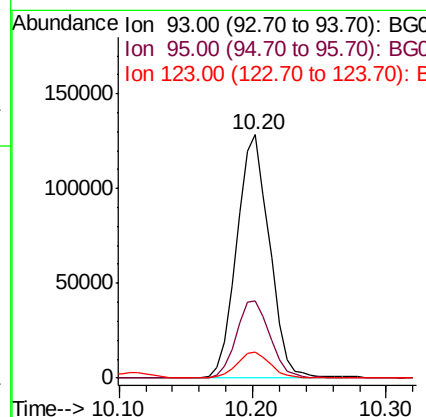
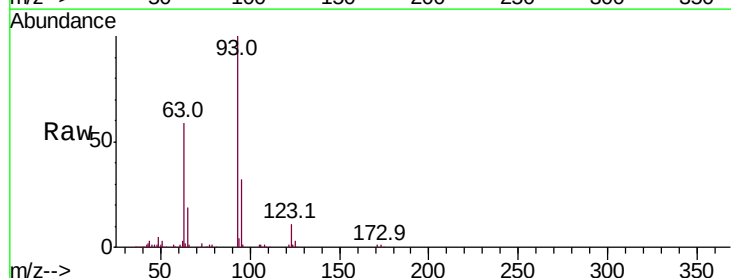
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

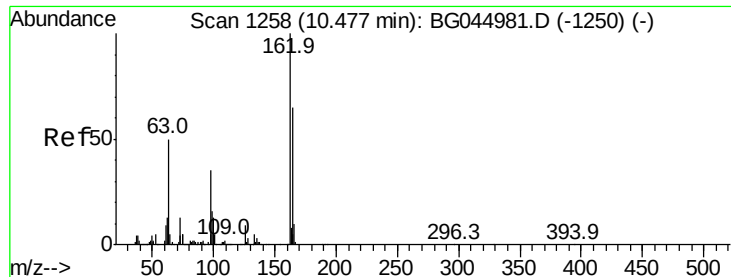
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.1	96.8	145.2
121	61.6	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.411 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.0	40.4
123	10.9	8.7	13.1

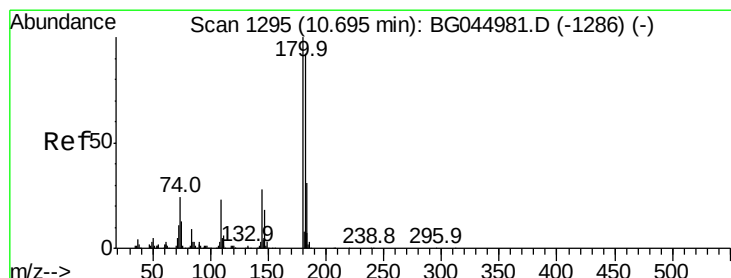
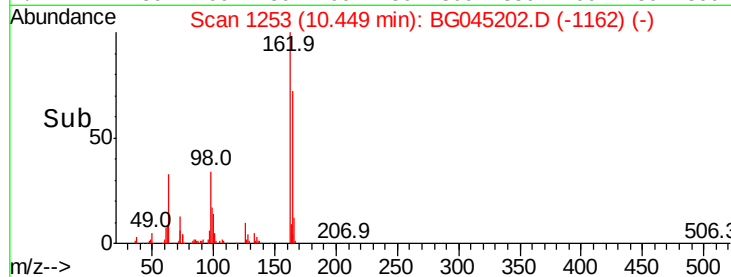
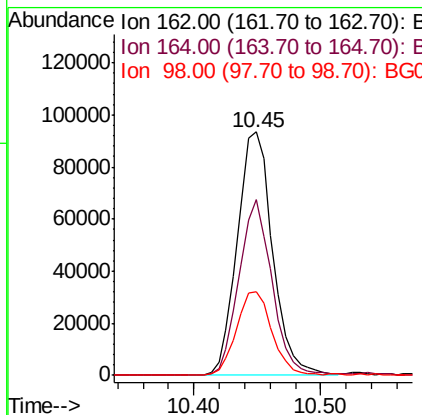
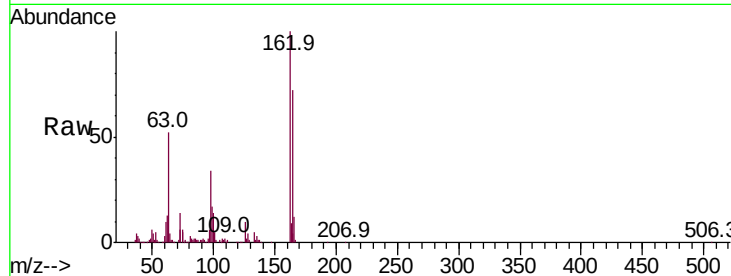




#29
 2,4-Dichlorophenol
 Concen: 43.407 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

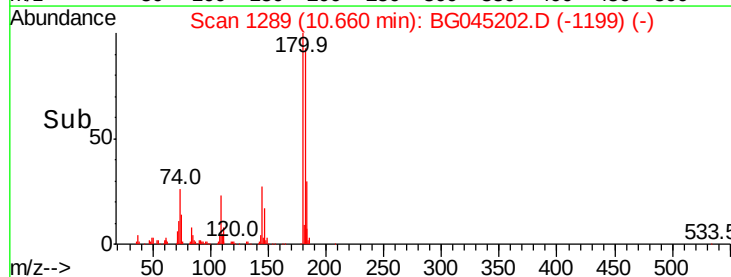
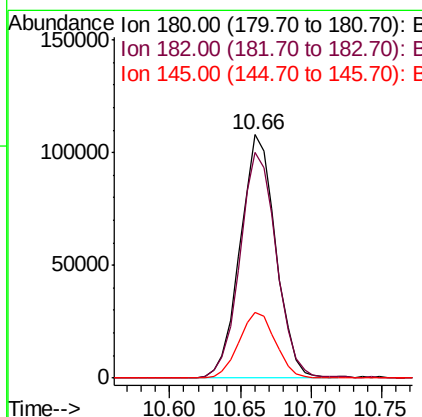
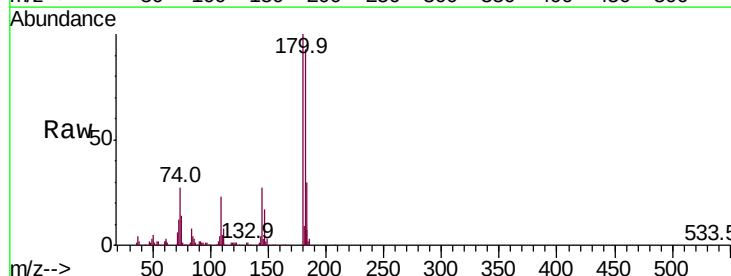
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

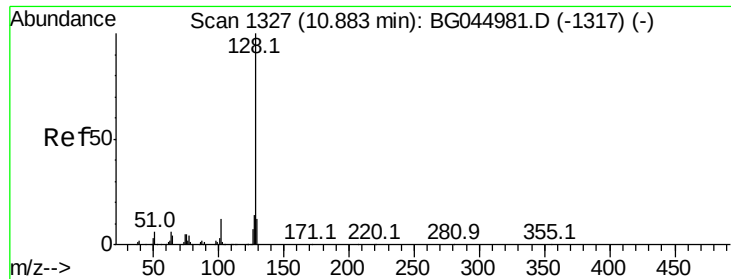
Tot Ion	Ratio	Lower	Upper
162	100		
164	72.0	45.0	85.0
98	34.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.400 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	73.3	109.9
145	27.1	22.6	33.8

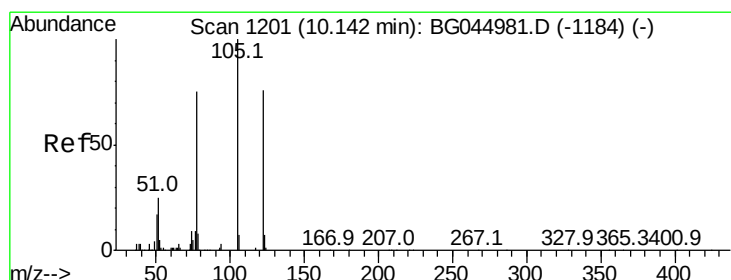
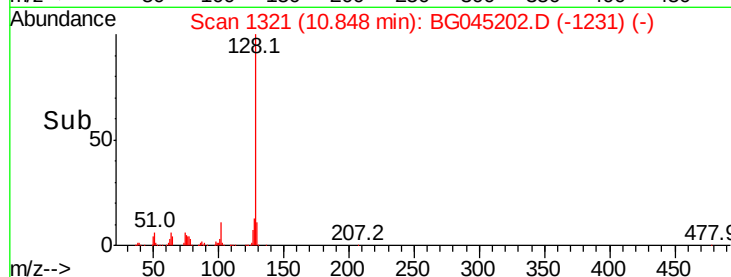
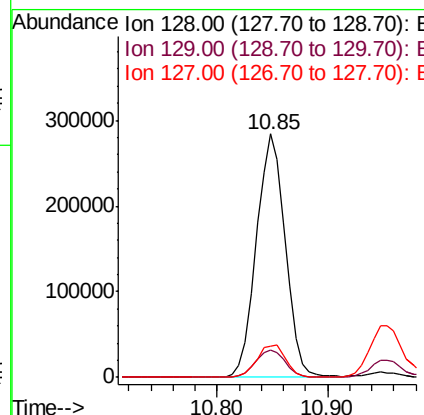
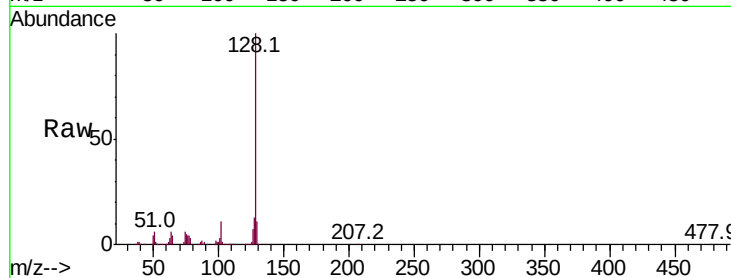




#31
Naphthalene
Concen: 40.630 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

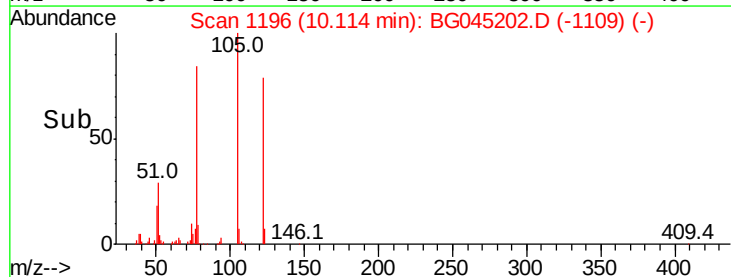
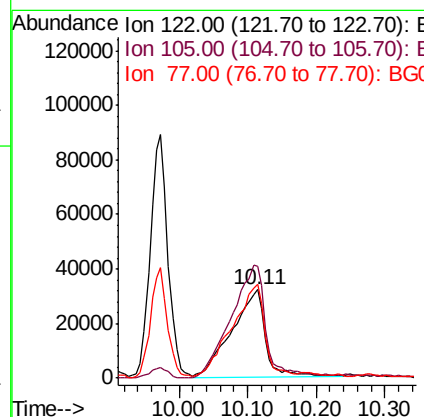
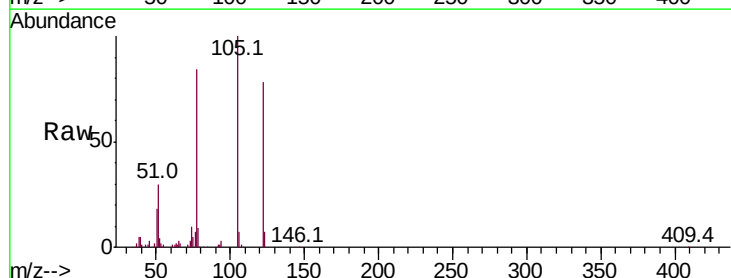
Instrument :
BNA_G
ClientSampleId :
PB128519BS

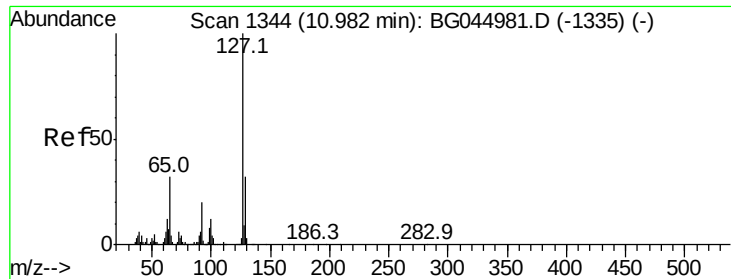
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.0	10.8	16.2



#32
Benzoic acid
Concen: 38.943 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	108.4	148.4
77	107.2	78.8	118.8

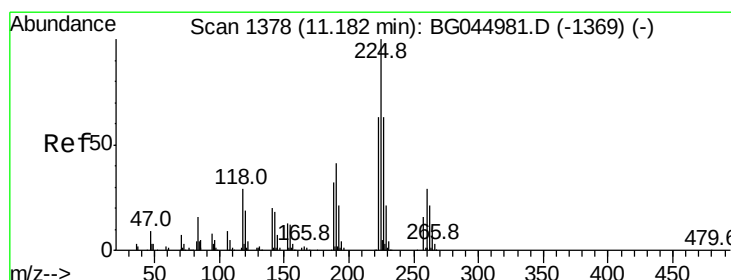
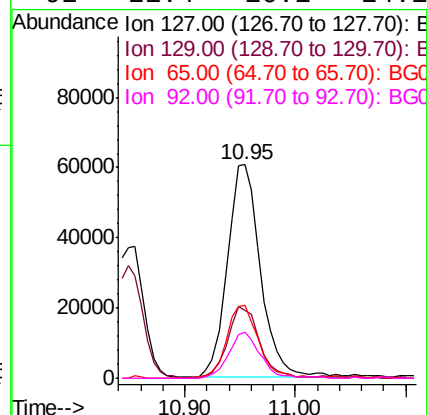
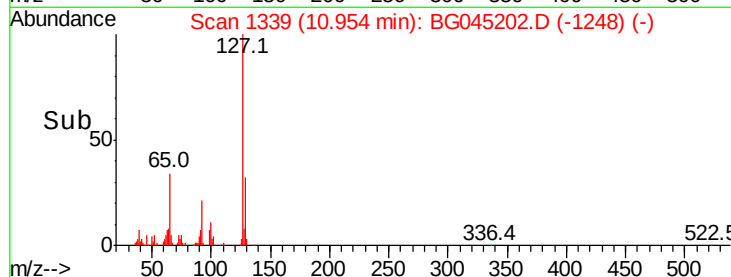
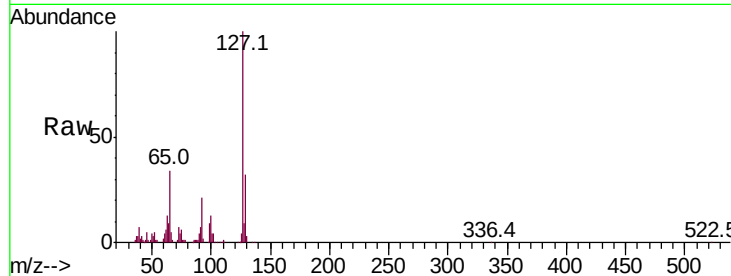




#33
4-Chloroaniline
Concen: 21.257 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

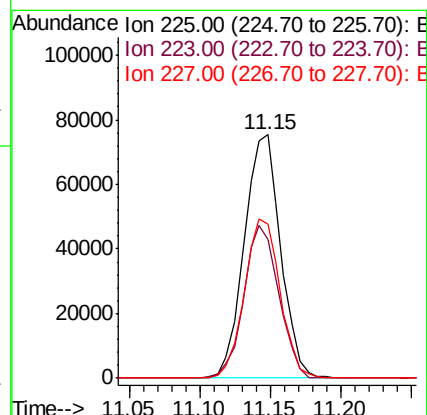
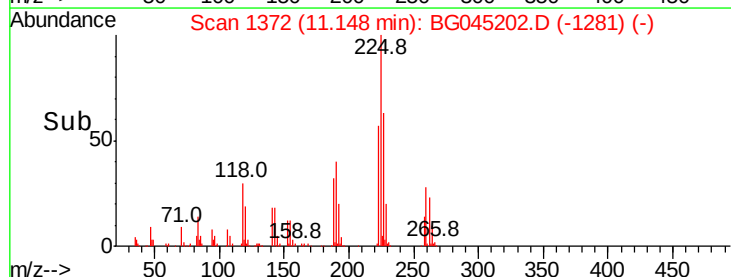
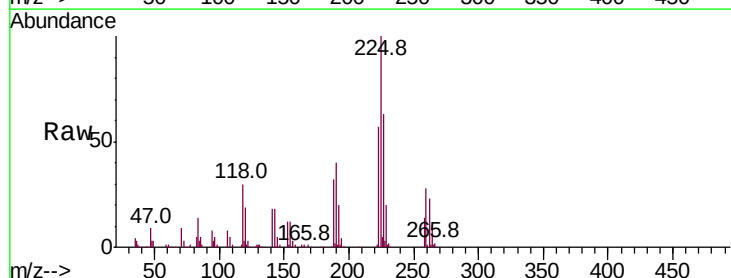
Instrument :
BNA_G
ClientSampleId :
PB128519BS

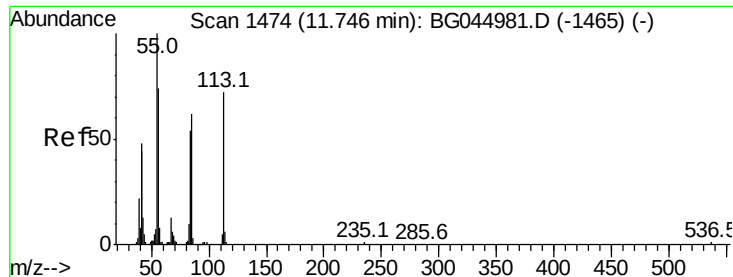
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	34.0	25.4	38.2
92	21.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.859 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.2	50.7	76.1
227	63.4	50.2	75.2

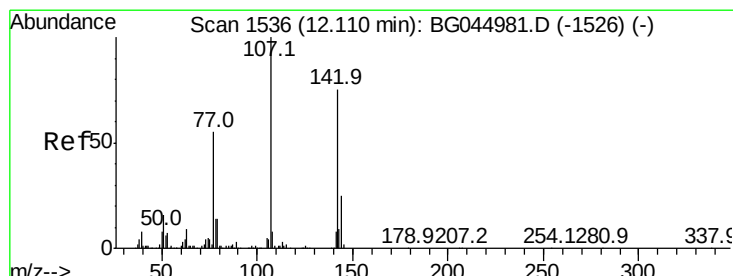
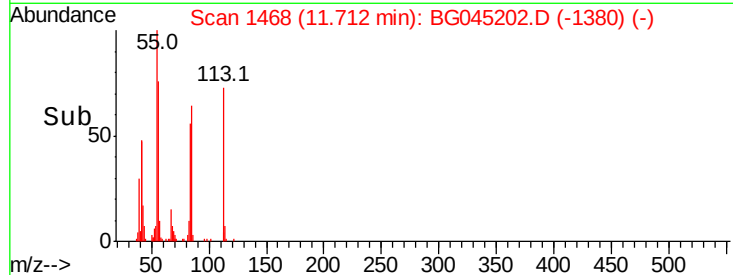
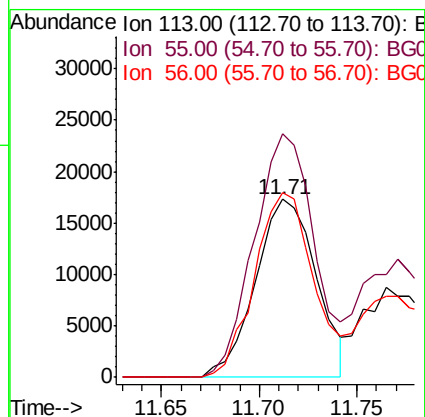
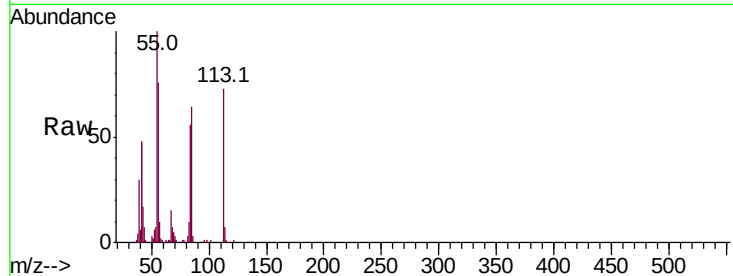




#35
 Caprolactam
 Concen: 22.464 ng
 RT: 11.71 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

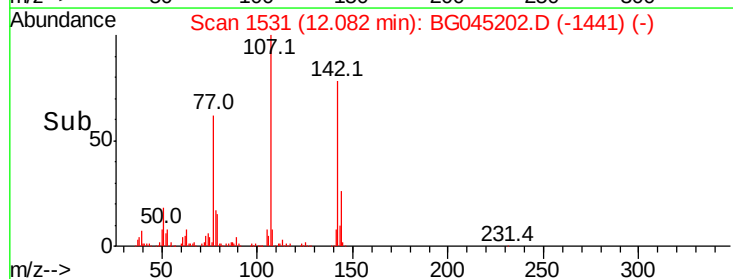
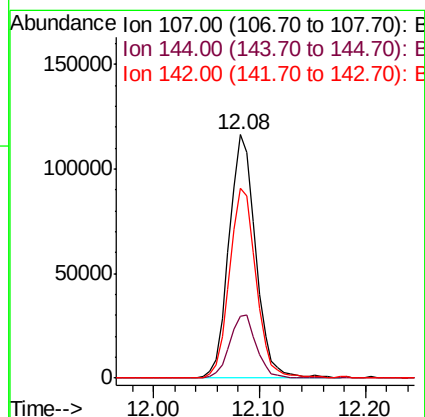
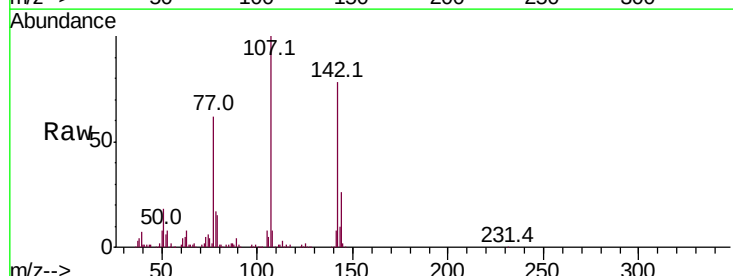
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

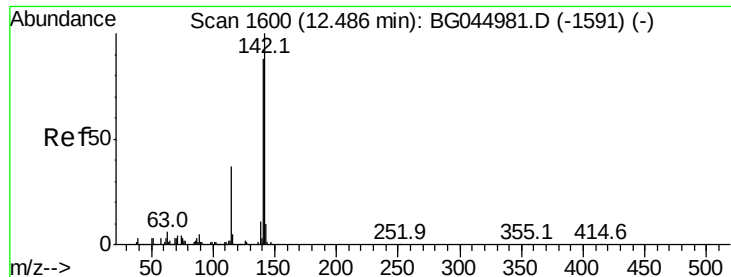
Tot Ion:113 Resp: 37261
 Ion Ratio Lower Upper
 113 100
 55 136.6 118.8 158.8
 56 103.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.536 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion:107 Resp: 203352
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 78.0 59.7 89.5

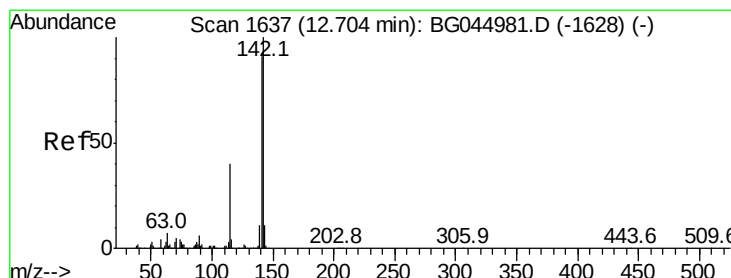
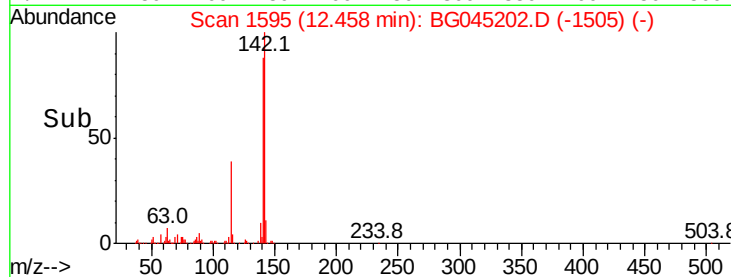
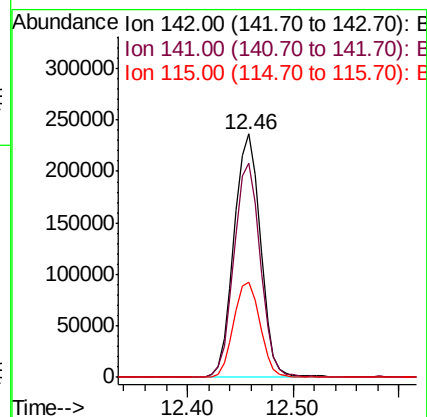
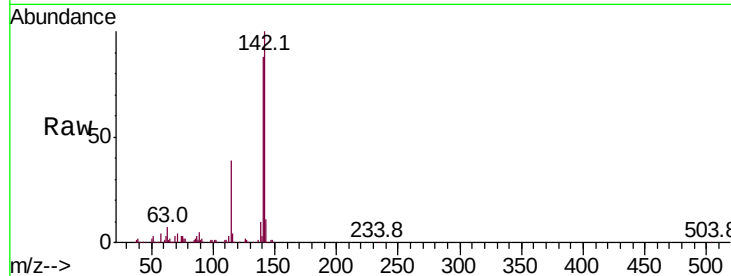




#37
2-Methylnaphthalene
Concen: 41.185 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

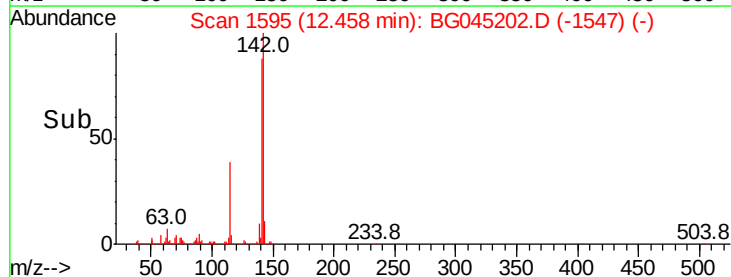
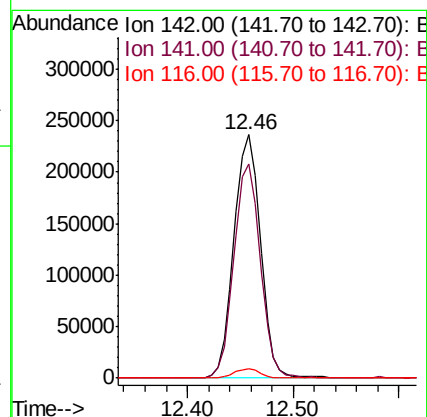
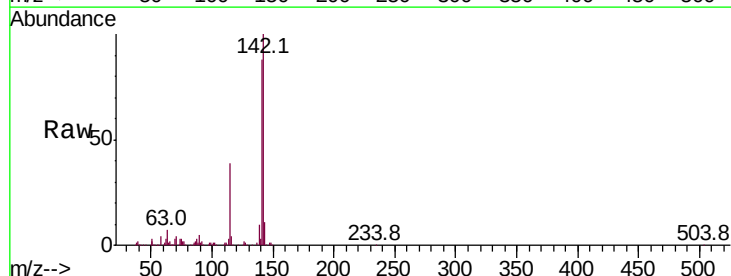
Instrument :
BNA_G
ClientSampleId :
PB128519BS

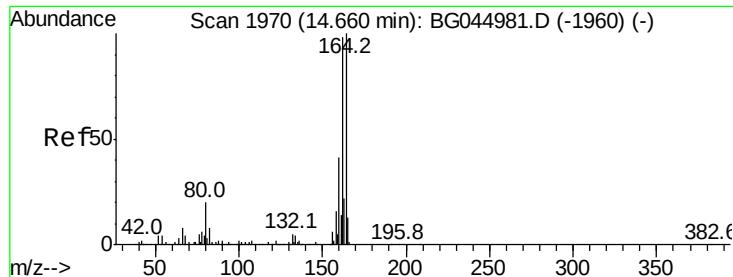
Tot Ion:142 Resp: 411079
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 39.0 29.8 44.6



#38
1-Methylnaphthalene
Concen: 43.626 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.22 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:142 Resp: 411079
Ion Ratio Lower Upper
142 100
141 88.2 72.7 109.1
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

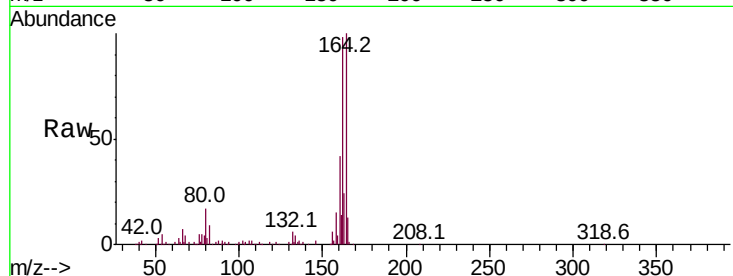
BNA_G

ClientSampleId :

PB128519BS

Tot Ion:164 Resp: 167617

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.7	118.1
160	41.9	32.8	49.2

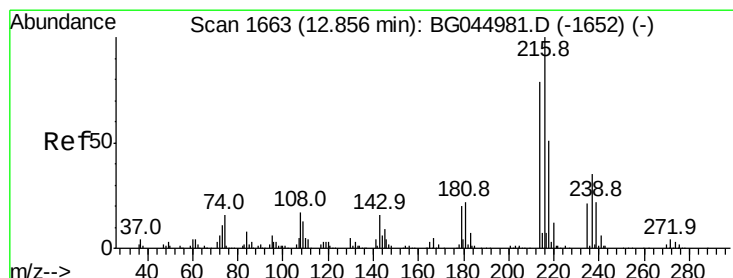
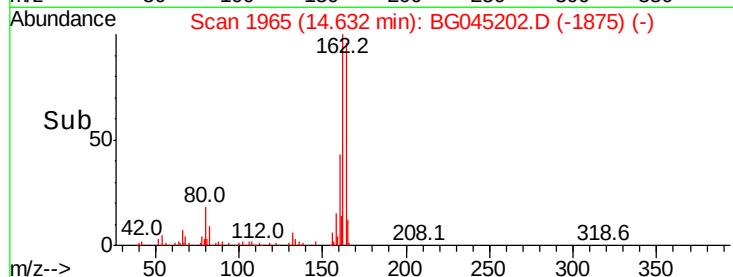
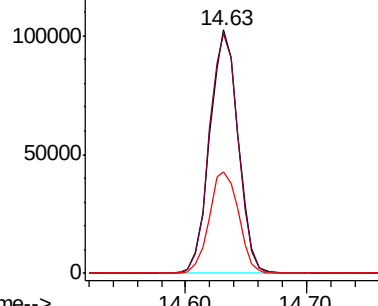


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.471 ng

RT: 12.83 min Scan# 1658

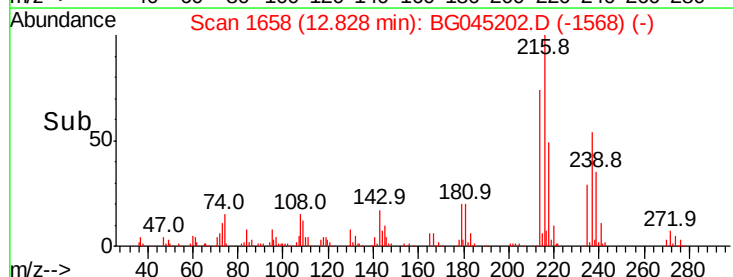
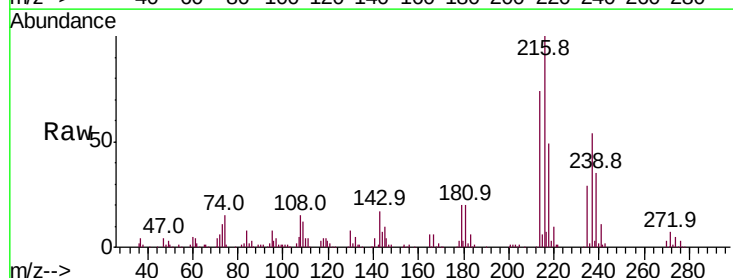
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:216 Resp: 223810

Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.0	94.6
179	19.6	15.8	23.8
108	19.1	14.2	21.2



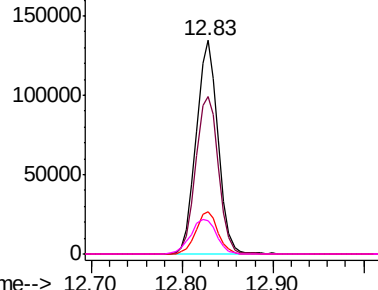
Abundance

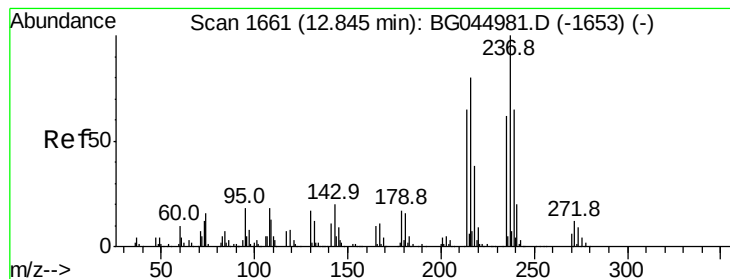
Ion 216.00 (215.70 to 216.70): E

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: 94.951 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

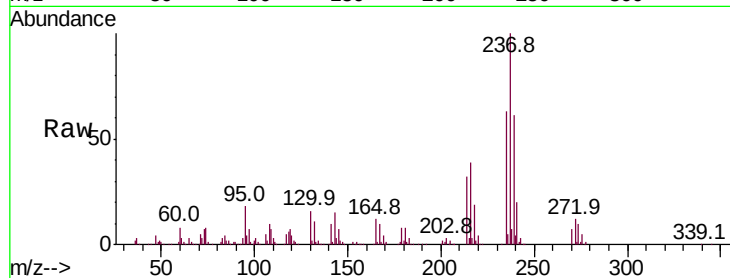
Tot Ion:237 Resp: 320278

Ion Ratio Lower Upper

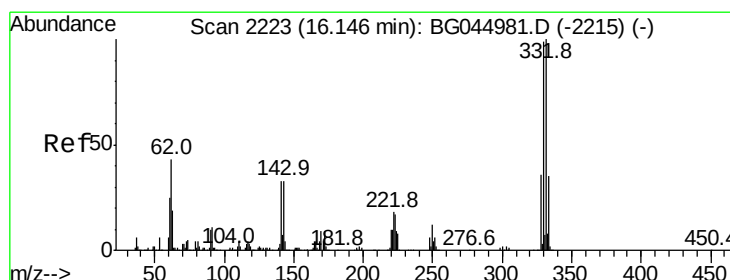
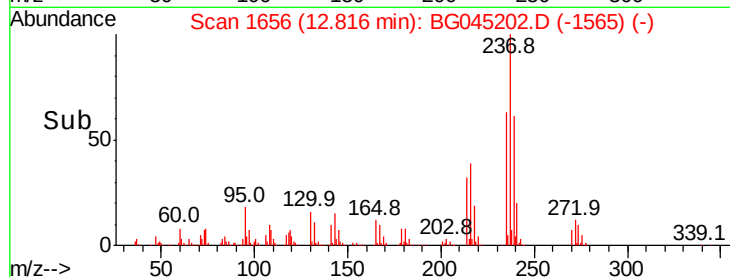
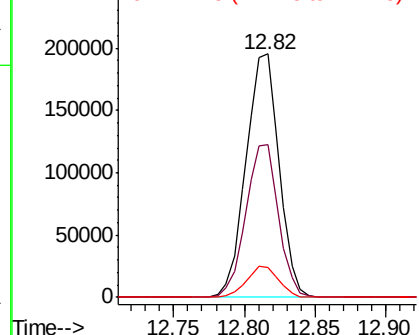
237 100

235 62.6 41.6 81.6

272 12.1 0.0 32.1



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: 84.214 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

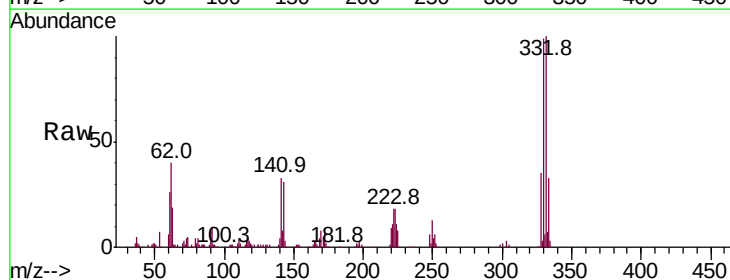
Tgt Ion:330 Resp: 218068

Ion Ratio Lower Upper

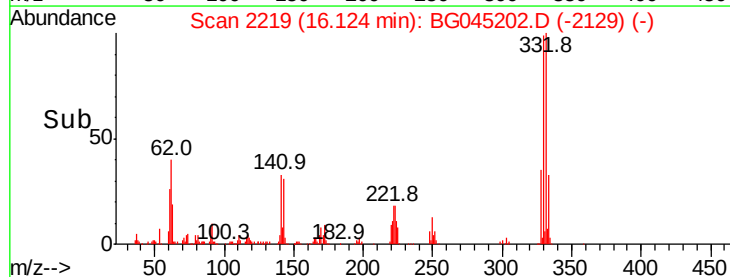
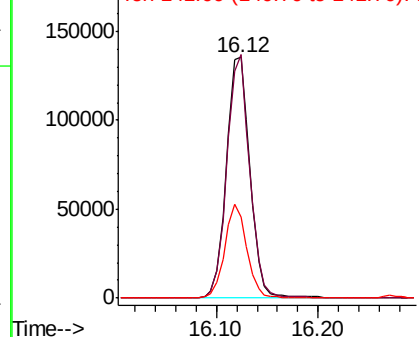
330 100

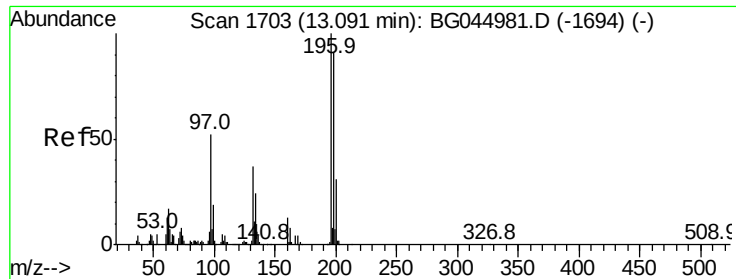
332 97.9 79.1 118.7

141 36.3 27.1 40.7



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

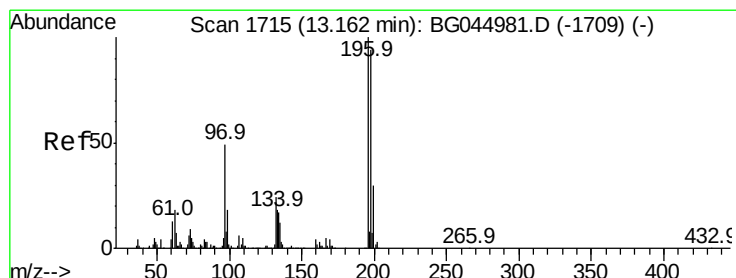
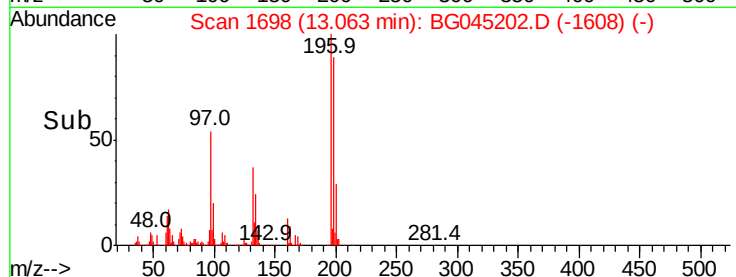
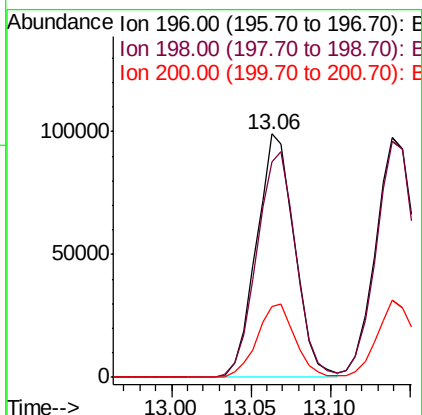
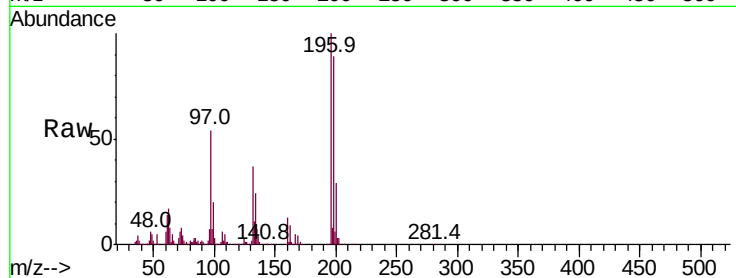




#43
2,4,6-Trichlorophenol
Concen: 43.519 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

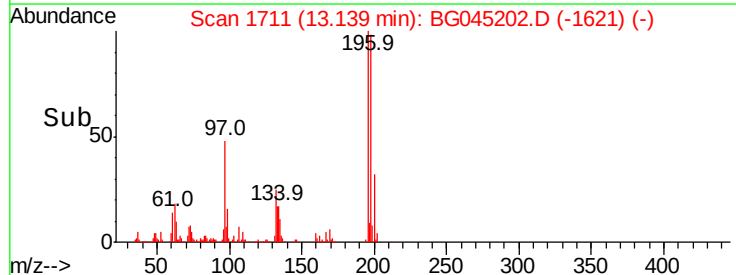
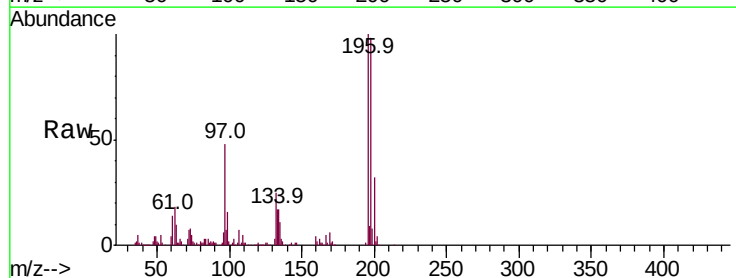
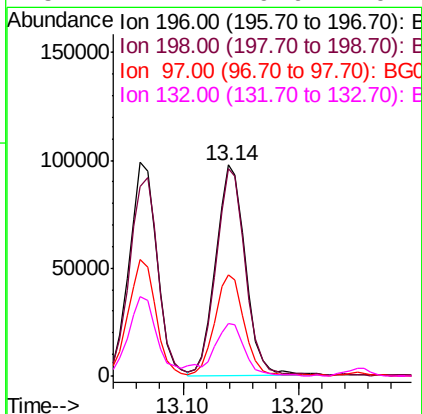
Instrument :
BNA_G
ClientSampleId :
PB128519BS

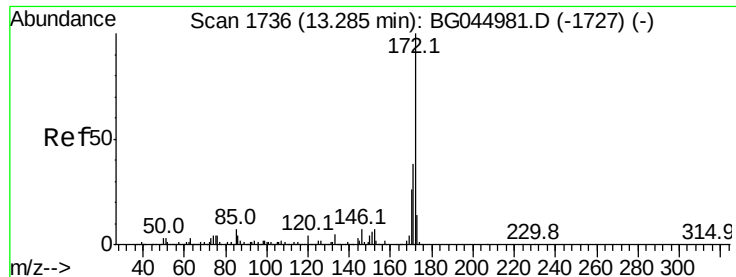
Tot Ion	Ratio	Lower	Upper
196	100		
198	88.5	72.5	108.7
200	29.3	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 40.033 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.7	113.5
97	47.9	39.6	59.4
132	24.7	19.6	29.4

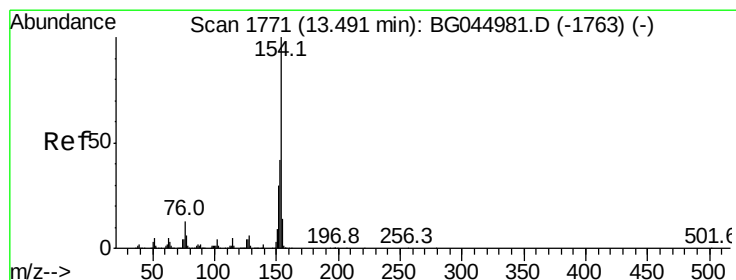
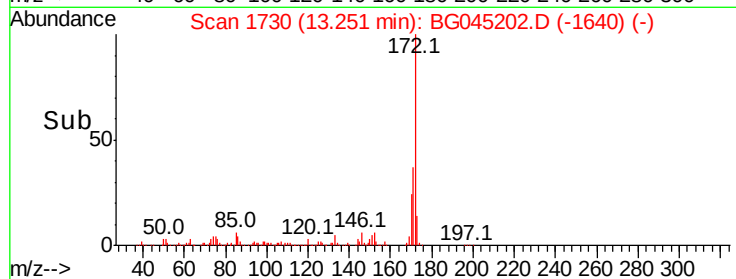
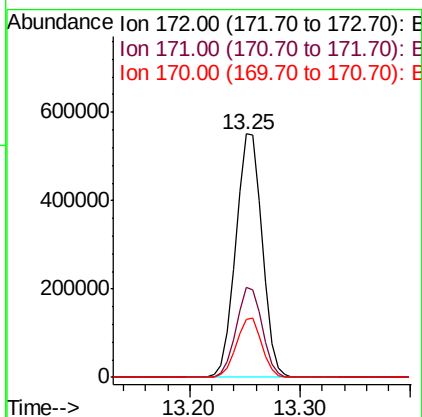
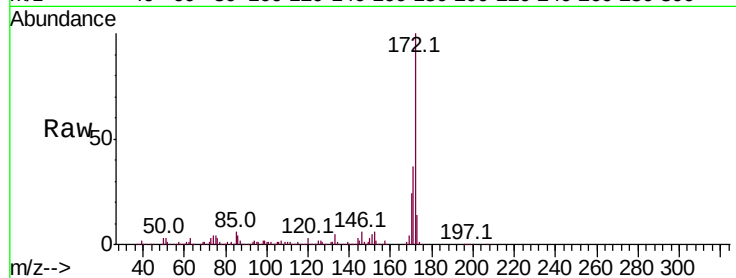




#45
2-Fluorobiphenyl
Concen: 81.110 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

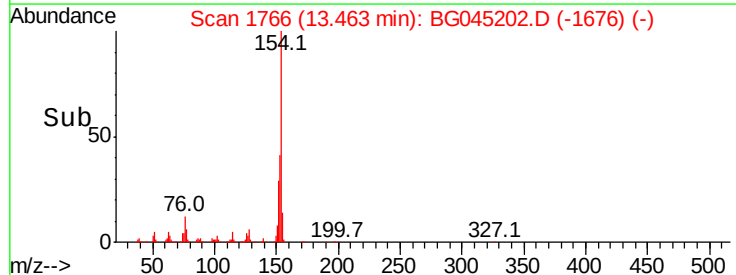
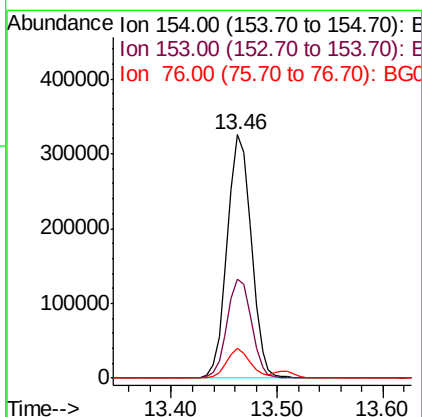
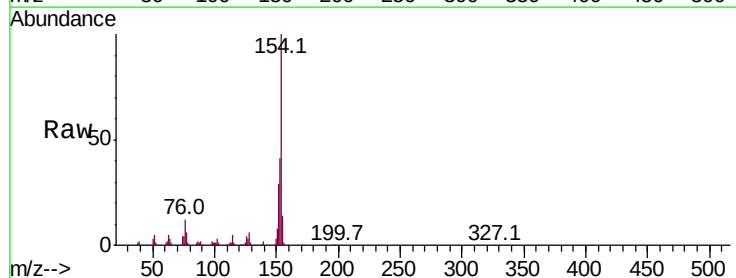
Instrument :
BNA_G
ClientSampleId :
PB128519BS

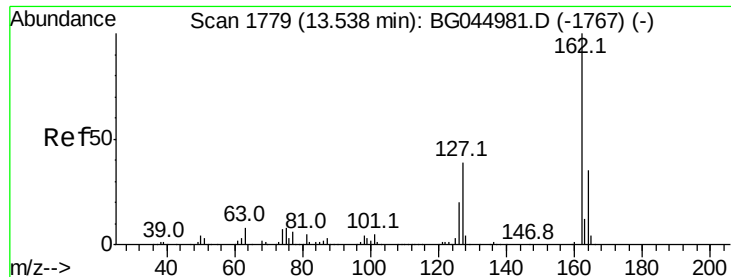
Tot Ion:172 Resp: 927185
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 23.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.366 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:154 Resp: 514266
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 12.0 0.0 33.1

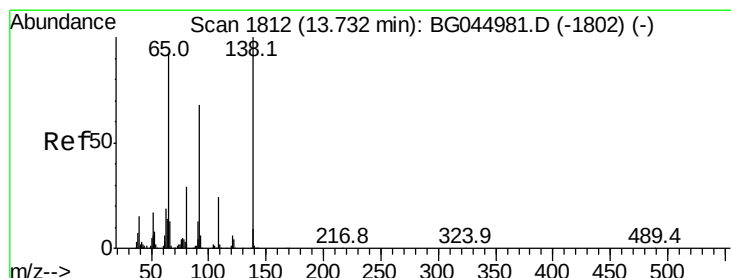
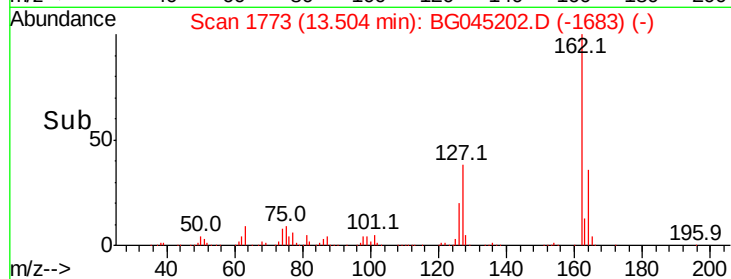
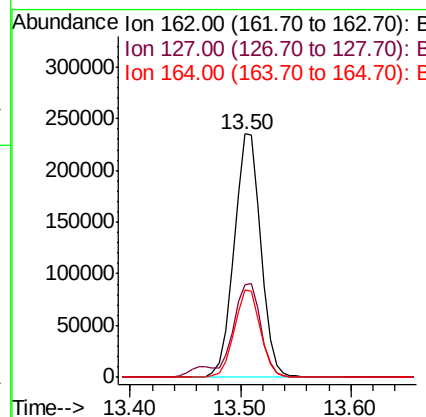
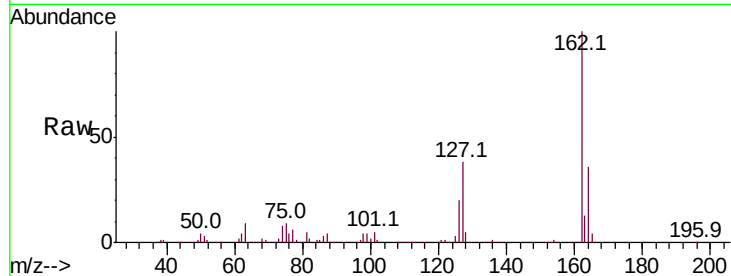




#47
2-Chloronaphthalene
Concen: 41.075 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

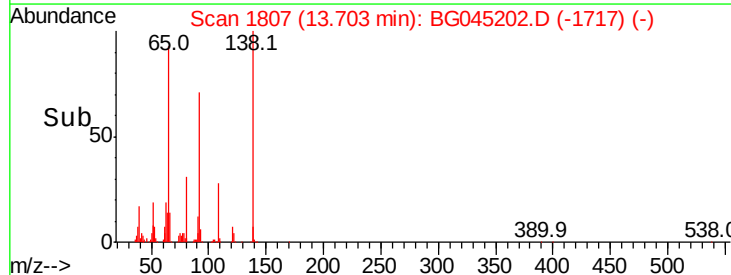
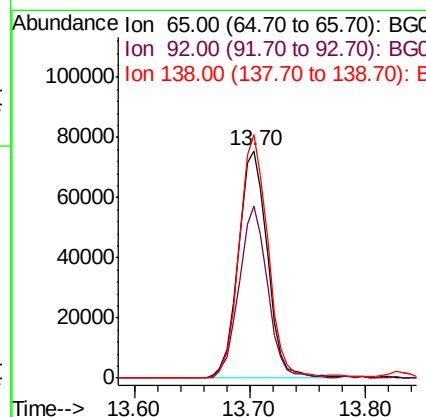
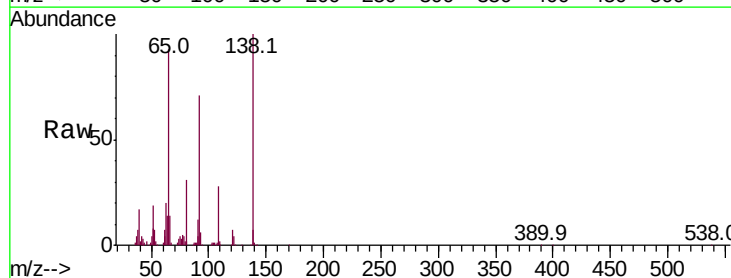
Instrument :
BNA_G
ClientSampleId :
PB128519BS

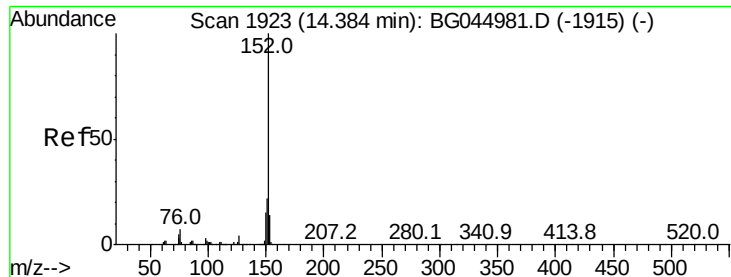
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.3	46.9
164	35.7	27.8	41.8



#48
2-Nitroaniline
Concen: 41.202 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	58.3	87.5
138	107.0	85.6	128.4





#49

Acenaphthylene

Concen: 41.503 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

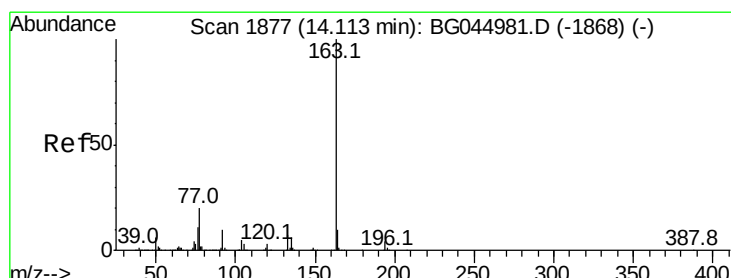
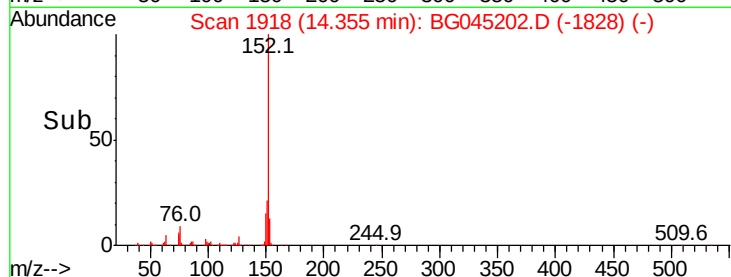
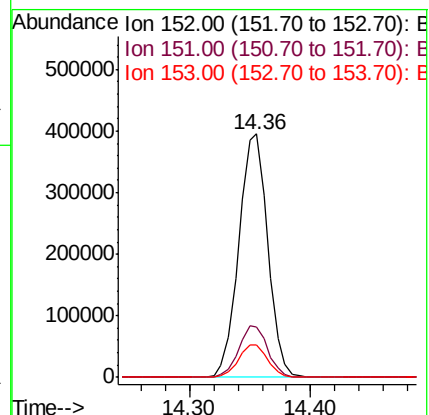
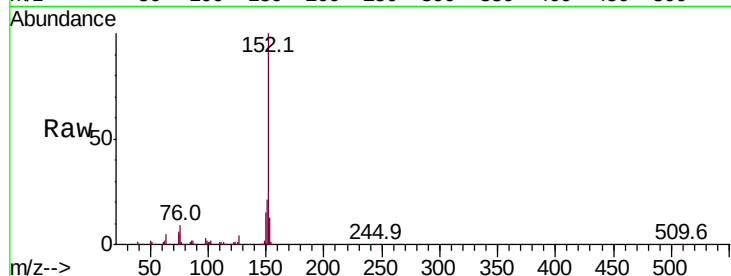
Tot Ion:152 Resp: 658086

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 13.1 11.0 16.4



#50

Dimethylphthalate

Concen: 40.378 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

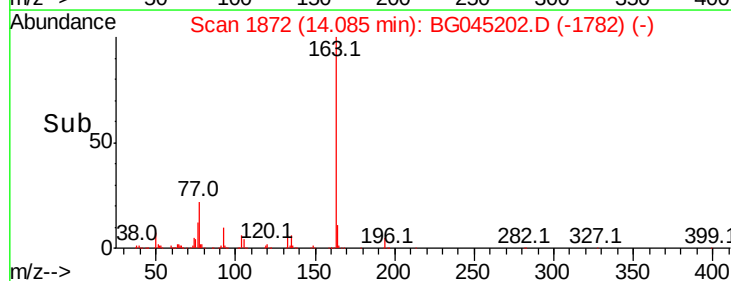
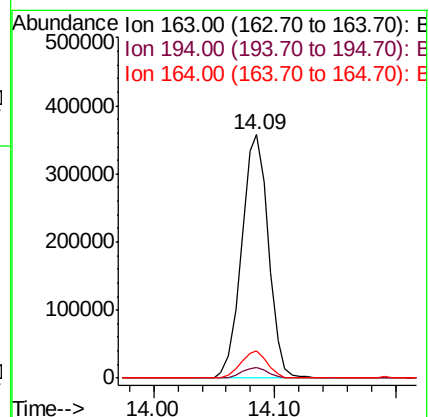
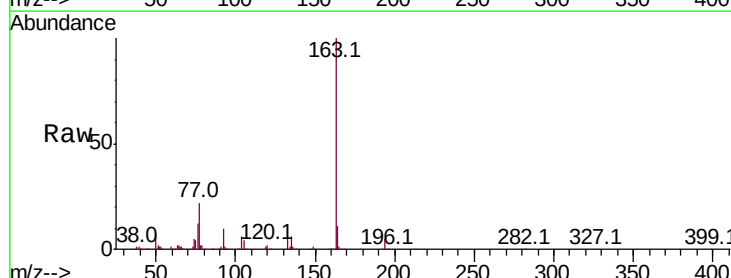
Tgt Ion:163 Resp: 551089

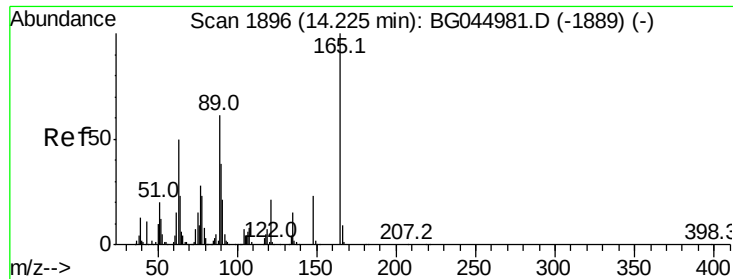
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 11.3 8.2 12.4

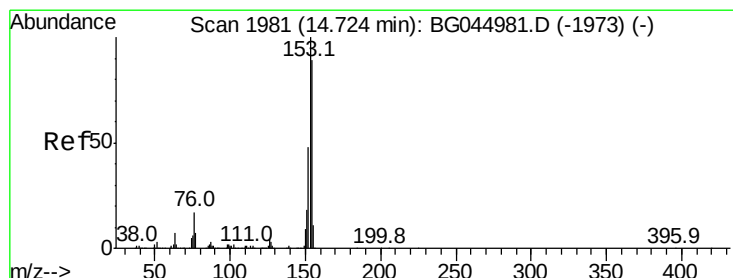
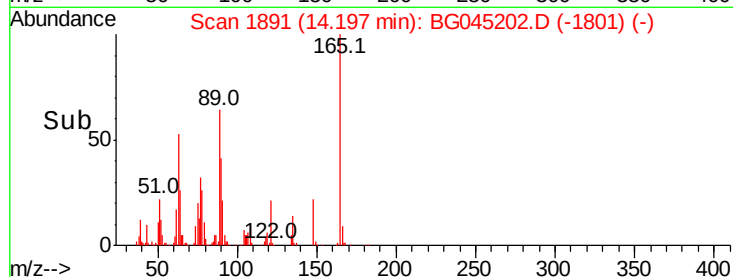
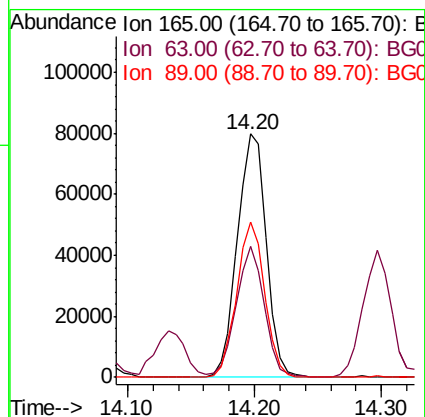
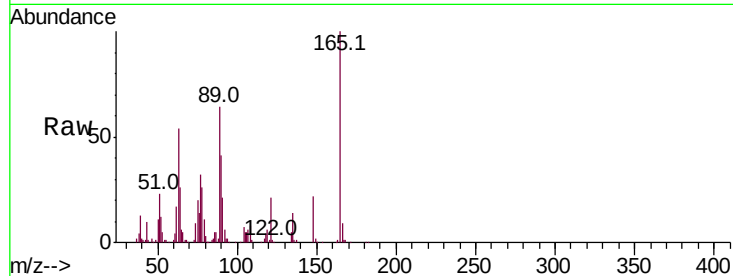




#51
2,6-Dinitrotoluene
Concen: 41.310 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

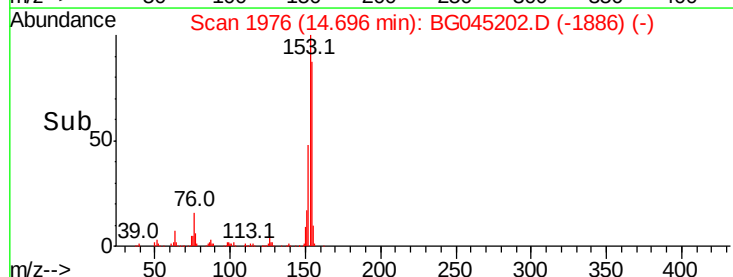
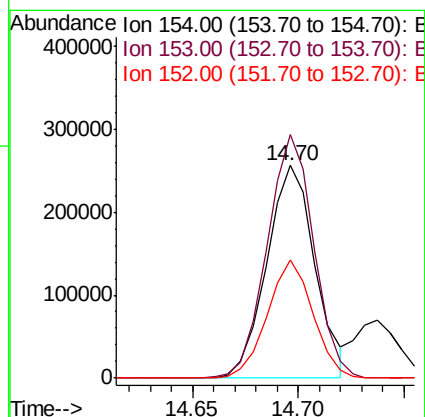
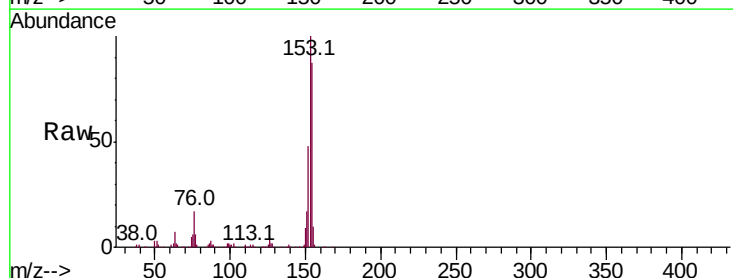
Instrument :
BNA_G
ClientSampleId :
PB128519BS

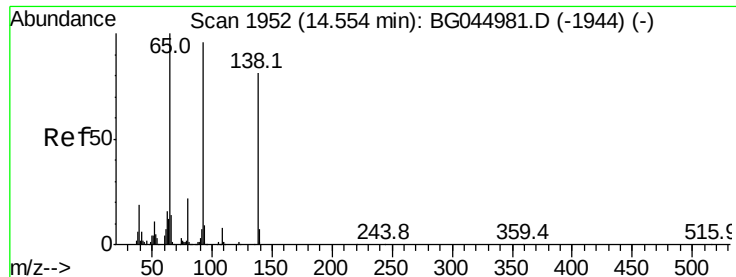
Tot Ion:165 Resp: 126106
Ion Ratio Lower Upper
165 100
63 53.6 40.4 60.6
89 63.9 49.1 73.7



#52
Acenaphthene
Concen: 37.745 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:154 Resp: 404944
Ion Ratio Lower Upper
154 100
153 114.6 89.7 134.5
152 55.4 43.1 64.7

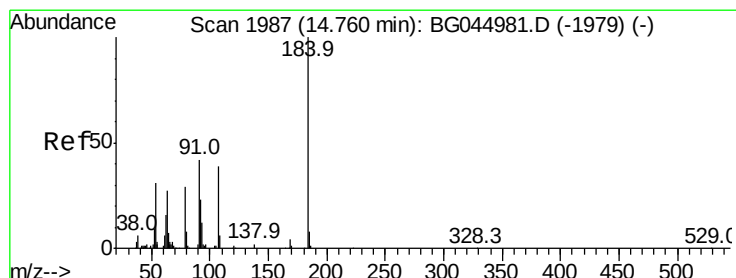
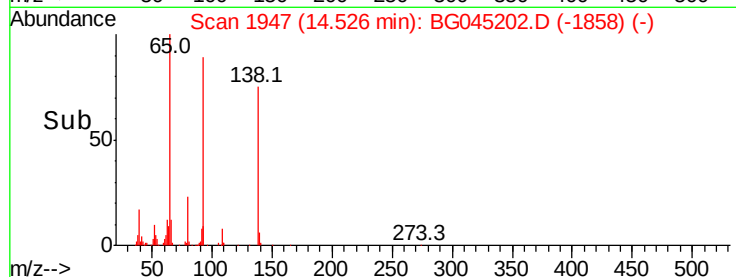
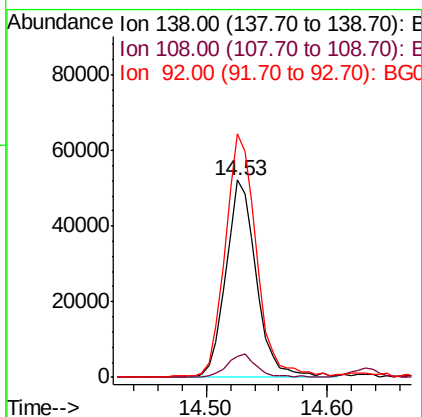
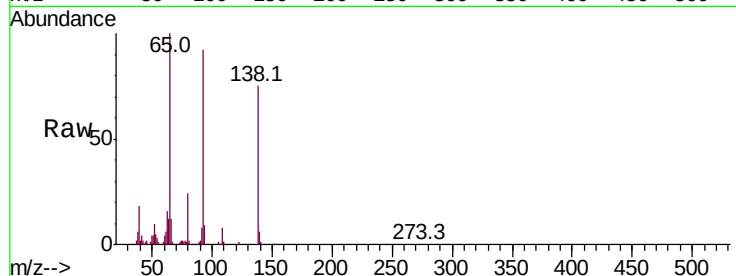




#53
3-Nitroaniline
Concen: 27.395 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

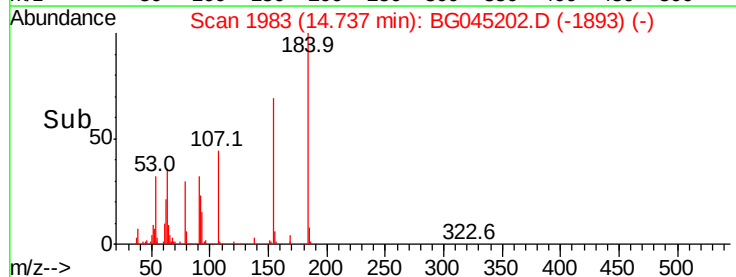
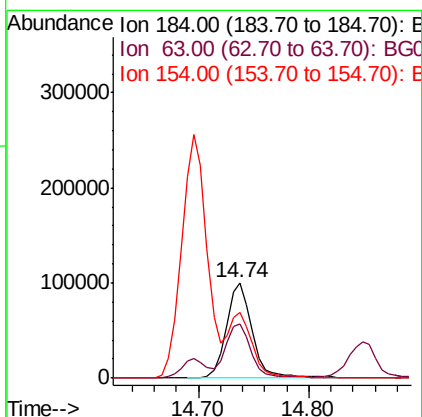
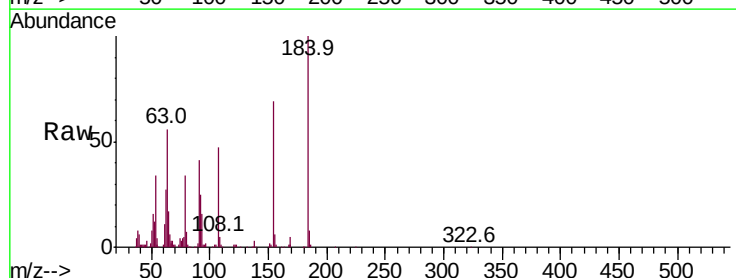
Instrument :
BNA_G
ClientSampleId :
PB128519BS

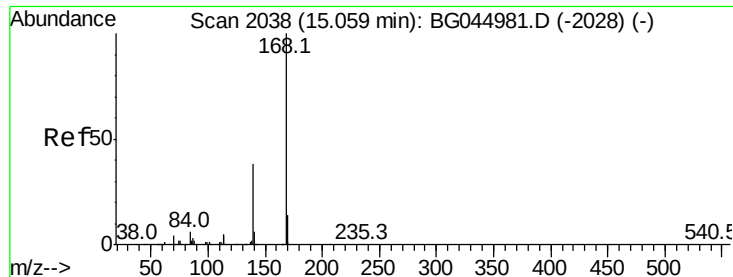
Tot Ion:138 Resp: 91720
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.8
92 123.4 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 89.954 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:184 Resp: 163286
Ion Ratio Lower Upper
184 100
63 56.4 41.5 62.3
154 69.0 52.3 78.5





#55

Dibenzofuran

Concen: 41.906 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

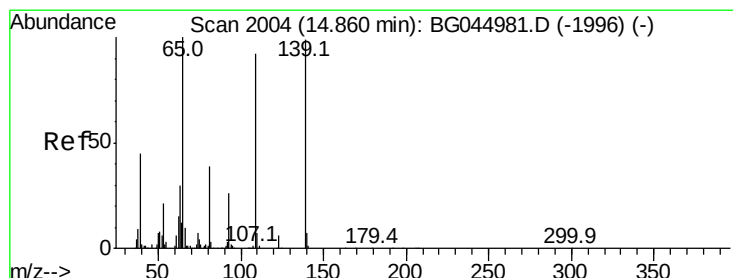
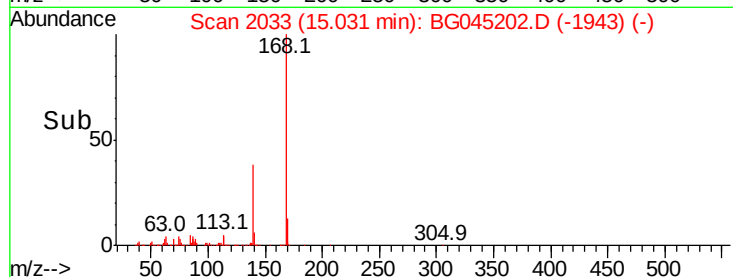
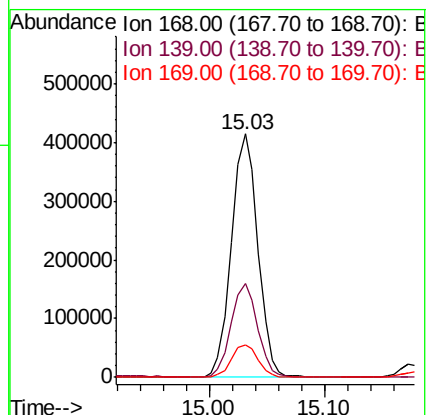
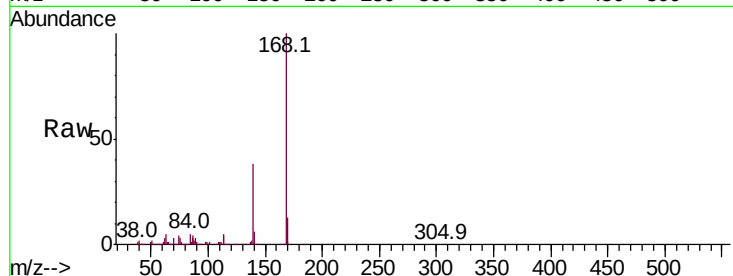
Tot Ion:168 Resp: 655461

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 84.327 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

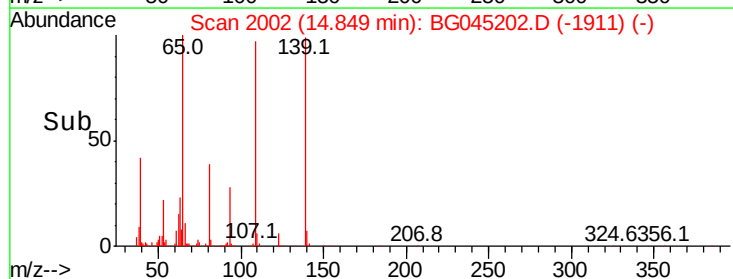
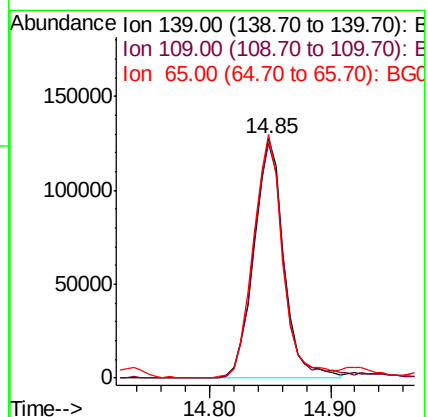
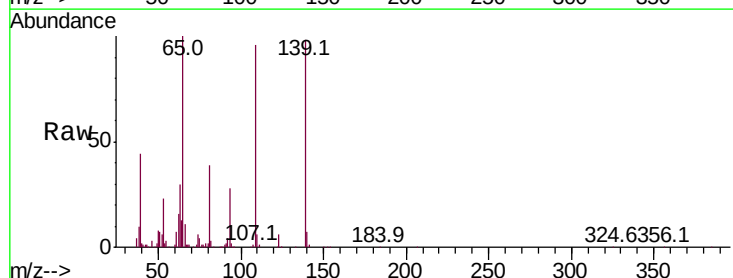
Tgt Ion:139 Resp: 218912

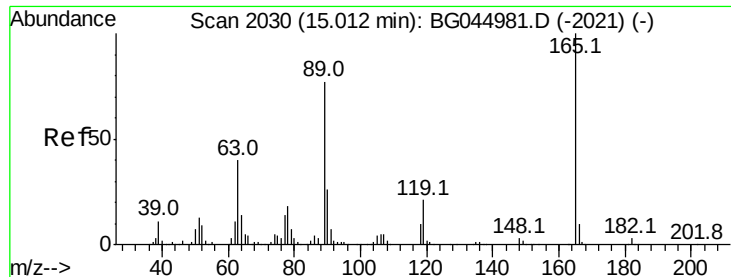
Ion Ratio Lower Upper

139 100

109 98.1 73.6 113.6

65 101.6 81.2 121.2

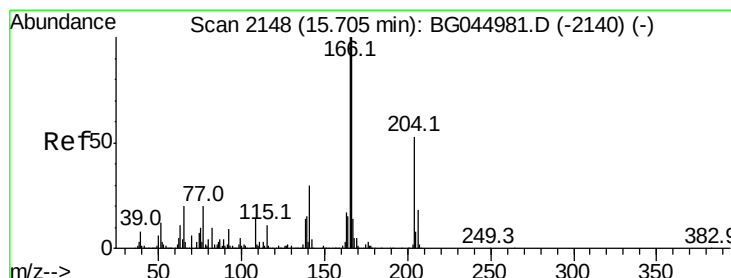
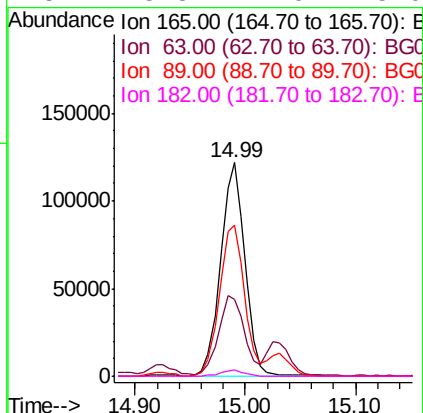
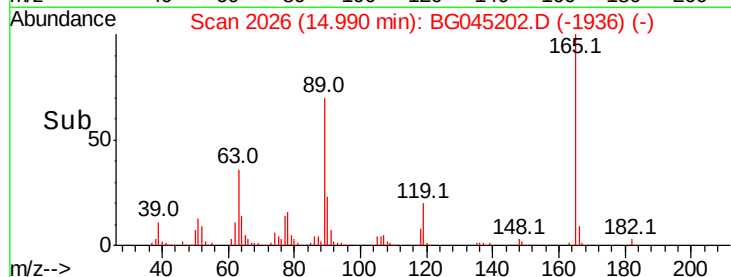
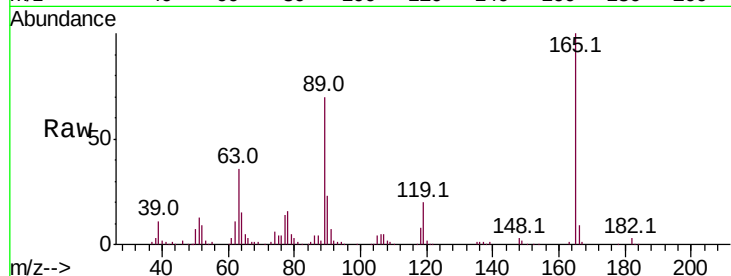




#57
 2,4-Dinitrotoluene
 Concen: 42.038 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

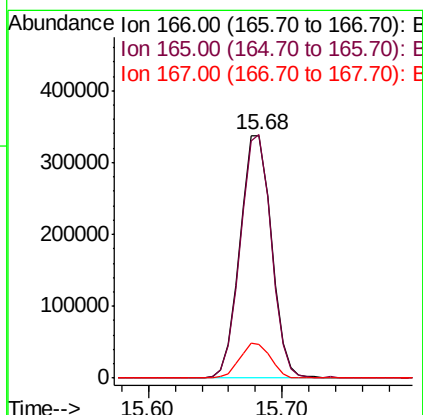
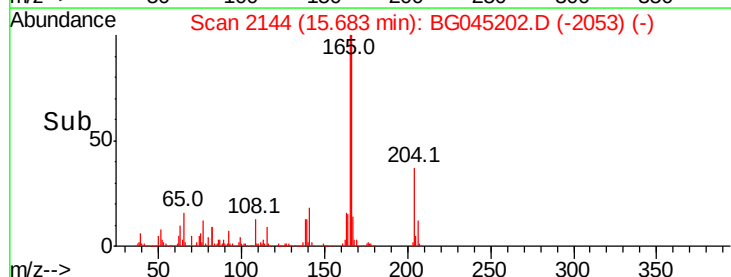
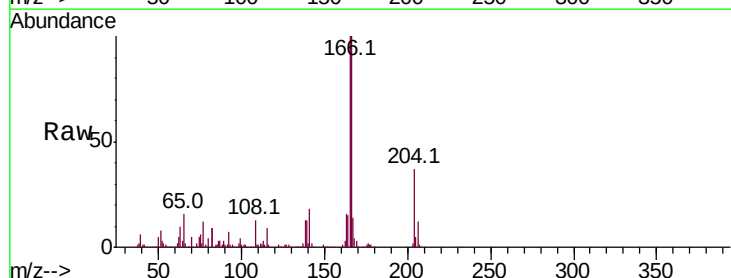
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

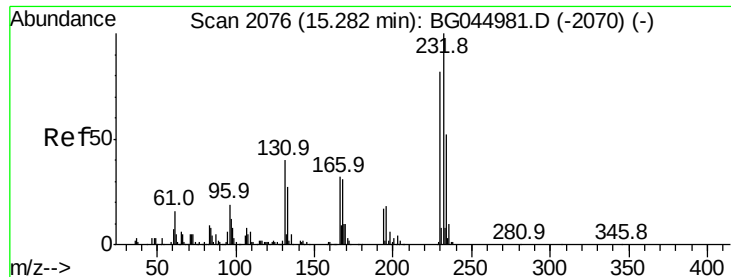
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	32.2	48.2
89	70.5	61.7	92.5
182	3.3	2.0	3.0



#58
 Fluorene
 Concen: 43.050 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.9	119.9
167	13.9	11.4	17.0

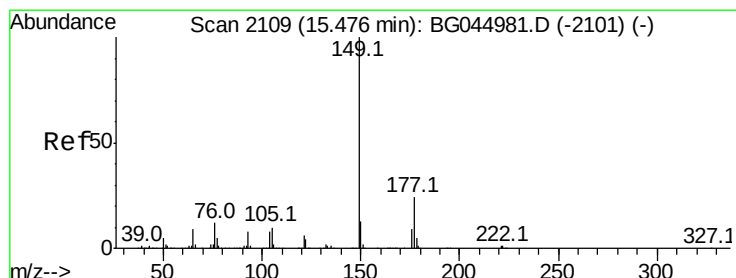
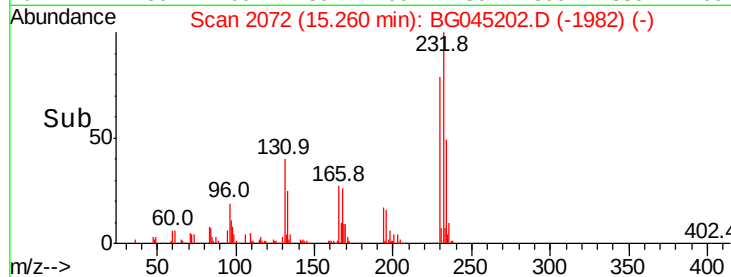
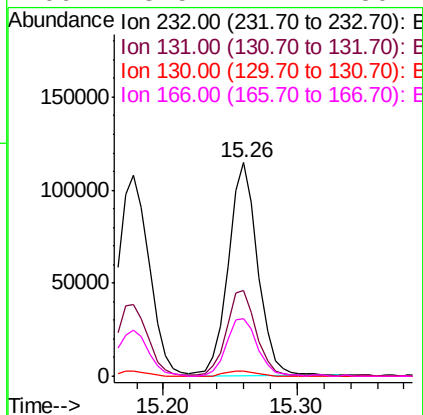
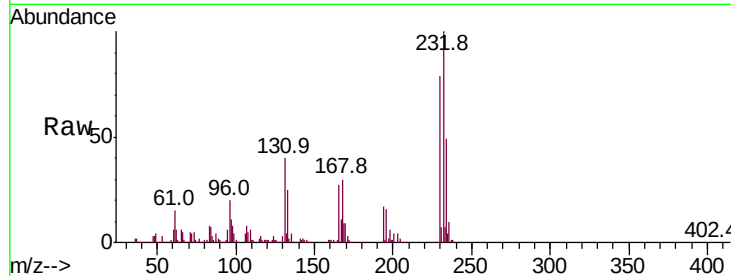




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.415 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

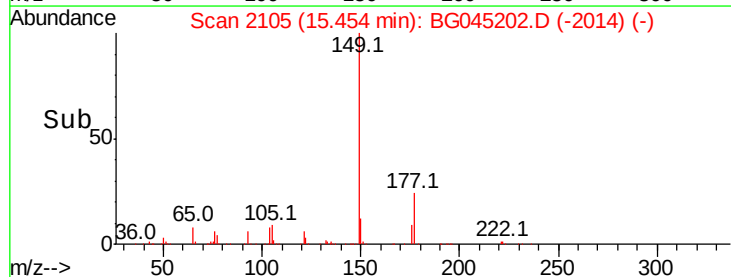
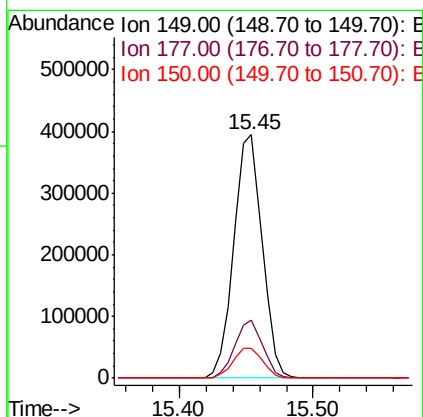
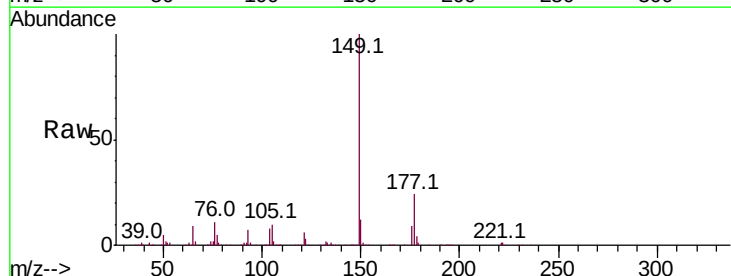
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

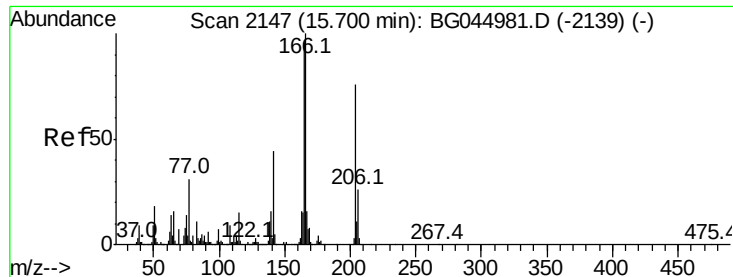
Tot Ion:	232	Resp:	175194
Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.2	48.2
130	2.6	2.2	3.2
166	28.5	24.2	36.4



#60
 Diethylphthalate
 Concen: 41.079 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion:	149	Resp:	584539
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	12.4	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 41.367 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

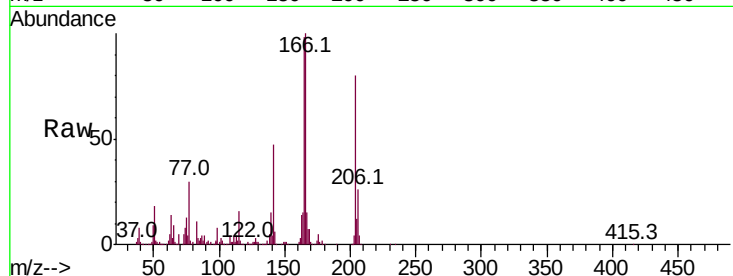
Tot Ion:204 Resp: 304197

Ion Ratio Lower Upper

204 100

206 32.9 26.9 40.3

141 58.8 46.3 69.5

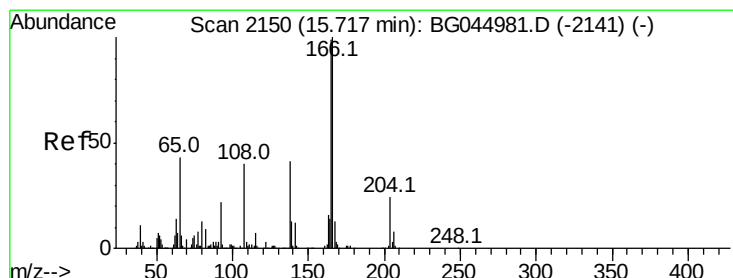
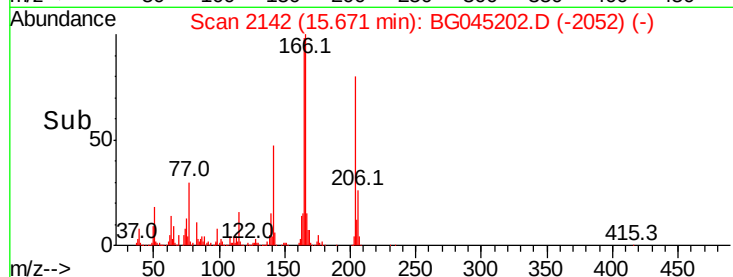
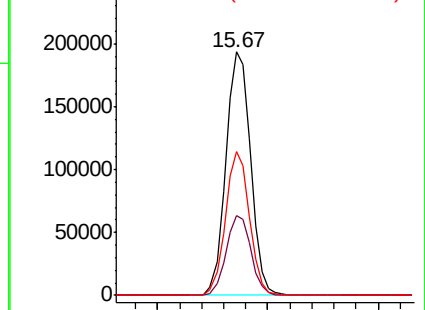


Abundance

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: 39.552 ng

RT: 15.69 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

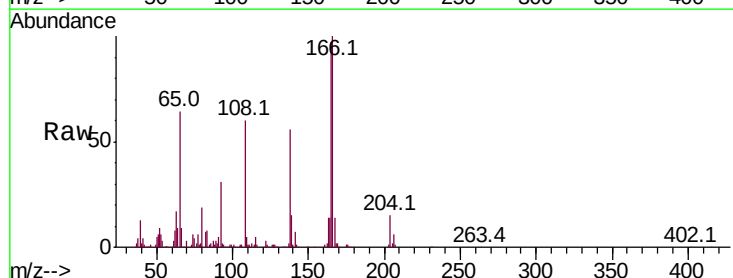
Tgt Ion:138 Resp: 137350

Ion Ratio Lower Upper

138 100

92 55.7 33.6 73.6

108 106.9 78.2 118.2

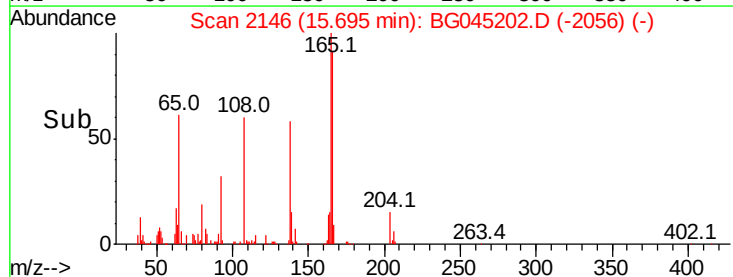
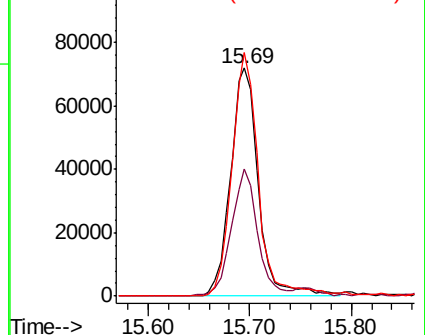


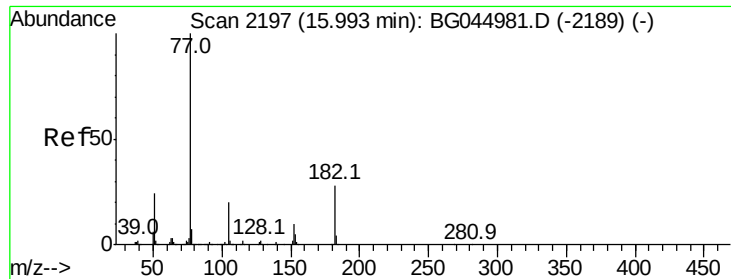
Abundance

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

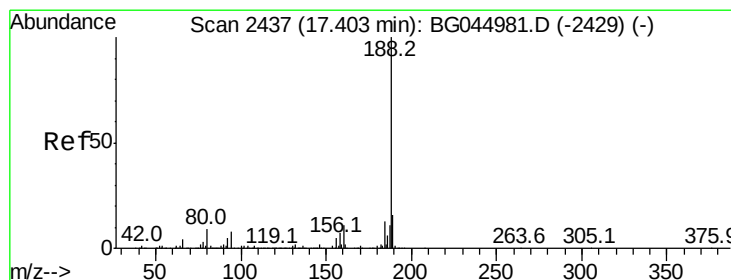
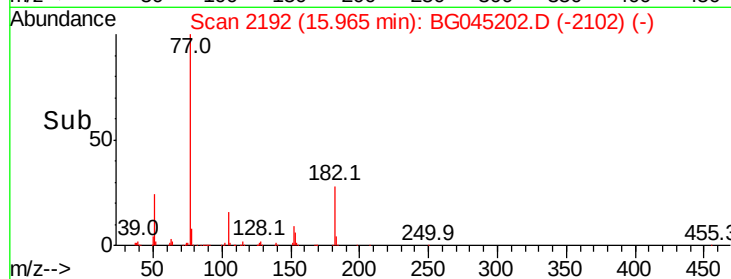
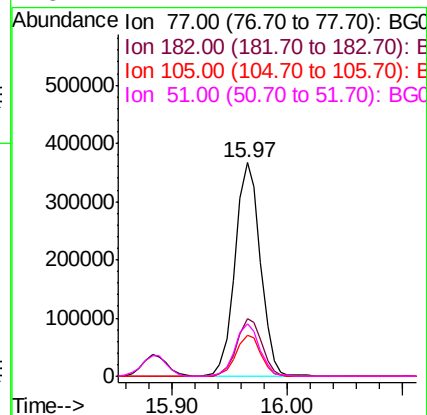
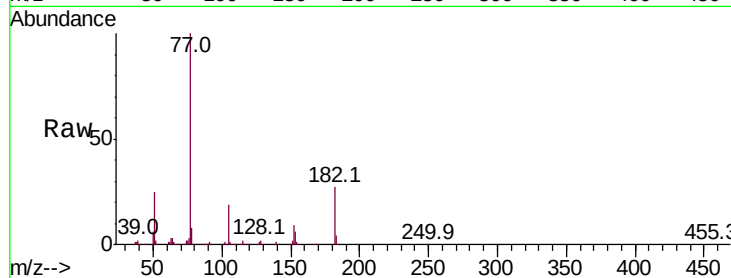




#63
Azobenzene
Concen: 42.240 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

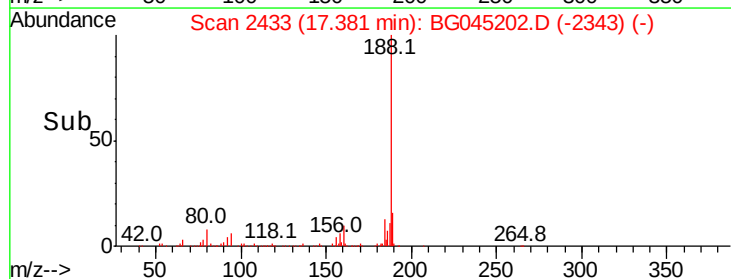
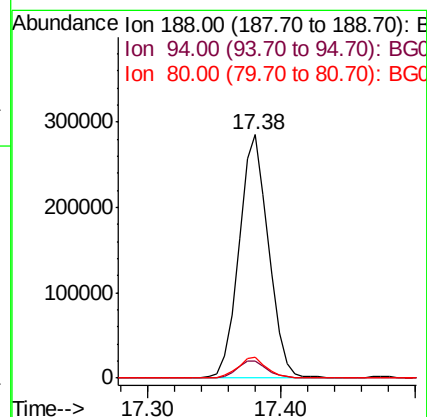
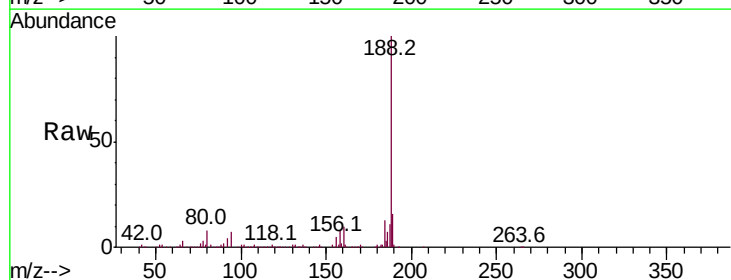
Instrument :
BNA_G
ClientSampled :
PB128519BS

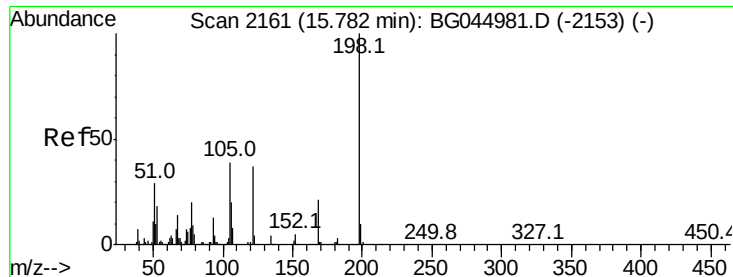
Tot Ion:	77	Resp:	554148
Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.4	48.4
105	19.1	0.5	40.5
51	24.7	4.4	44.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:	188	Resp:	436173
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.4	7.0	10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.581 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

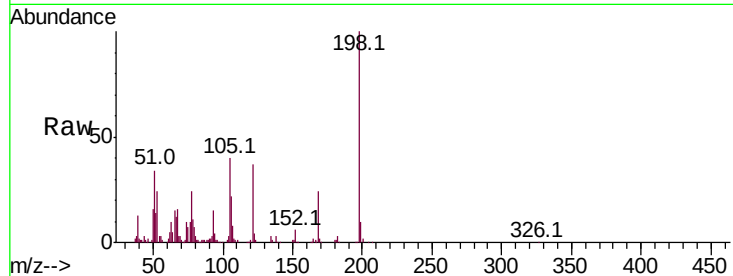
Tot Ion:198 Resp: 124946

Ion Ratio Lower Upper

198 100

51 34.0 10.0 50.0

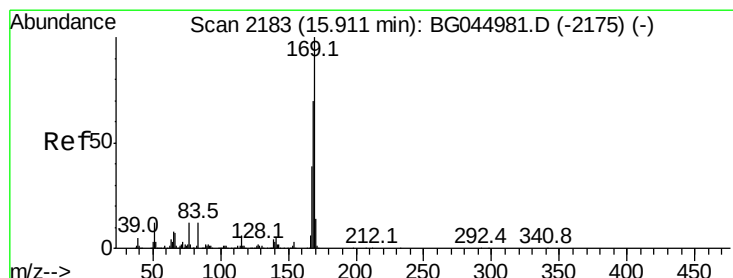
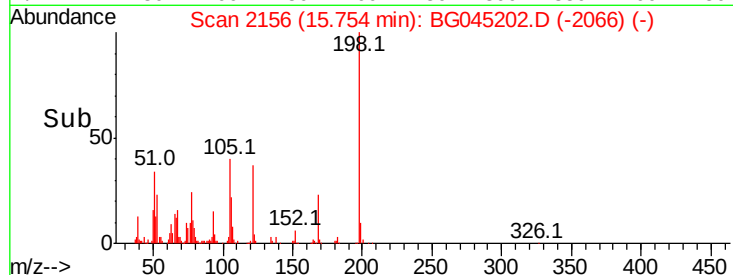
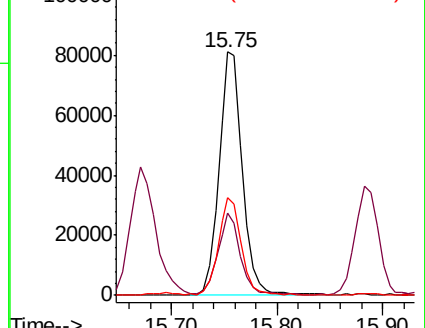
105 40.2 18.9 58.9



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: 39.264 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

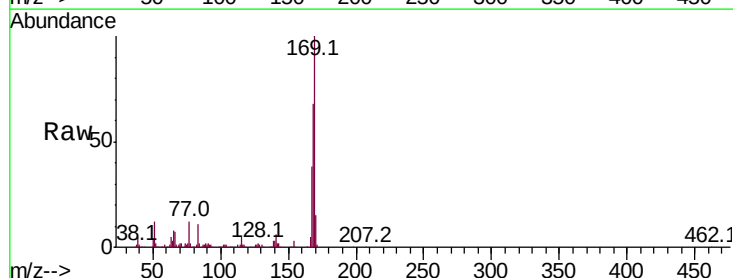
Tgt Ion:169 Resp: 492060

Ion Ratio Lower Upper

169 100

168 68.2 55.8 83.8

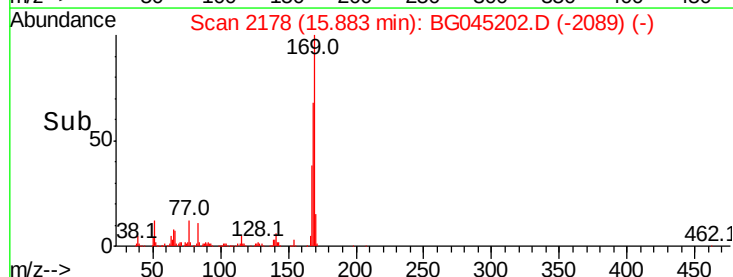
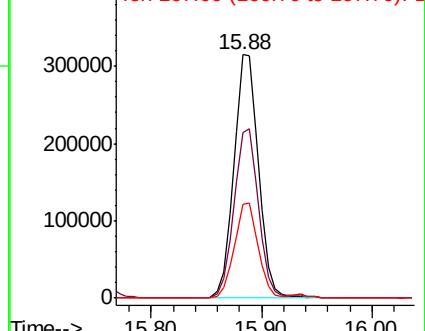
167 38.4 30.8 46.2

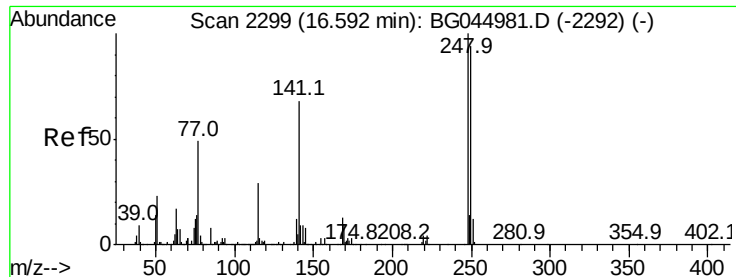


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

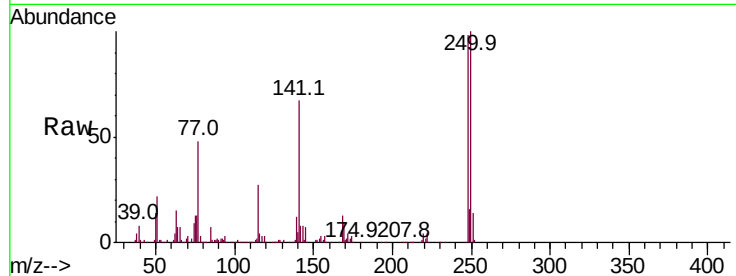




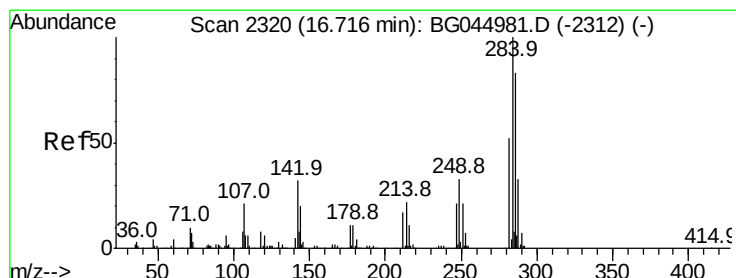
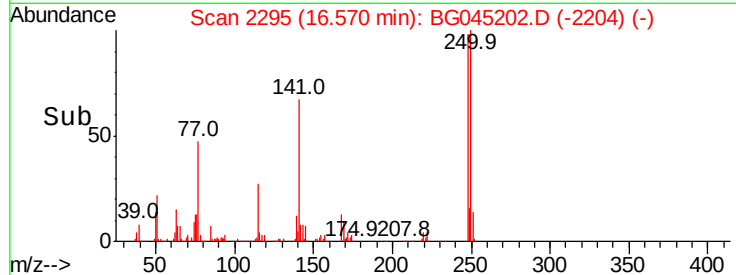
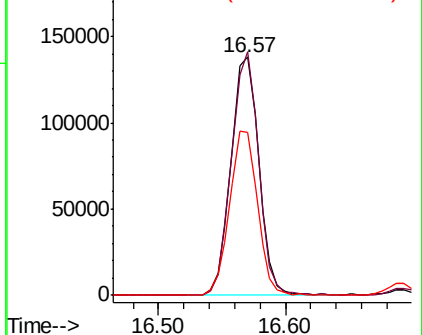
#67
4-Bromophenyl-phenylether
Concen: 37.362 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.3	75.4	113.2
141	68.5	54.4	81.6

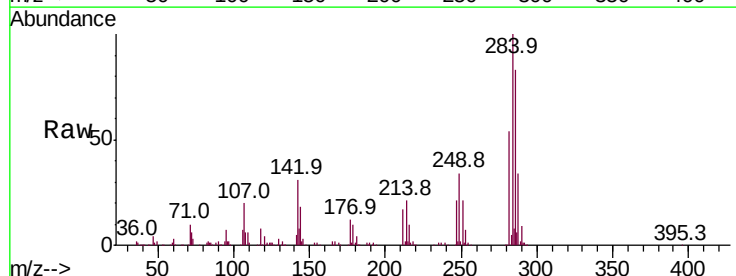


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

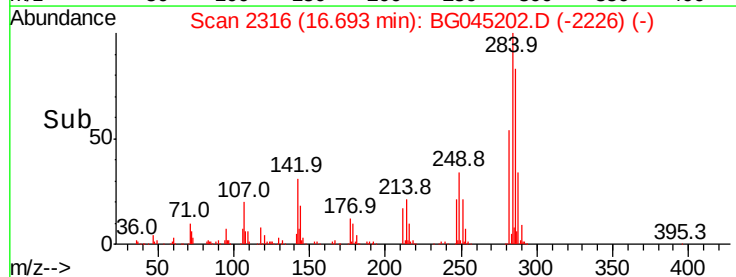
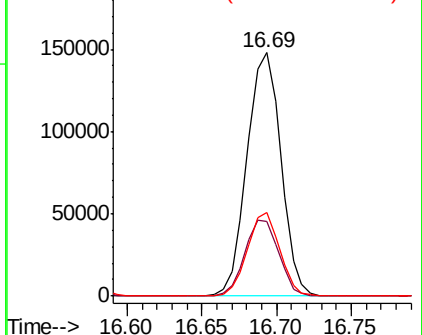


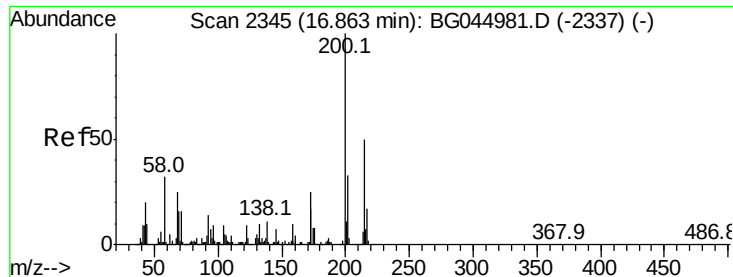
#68
Hexachlorobenzene
Concen: 39.732 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.8	38.6
249	34.4	26.6	39.8



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: 46.545 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

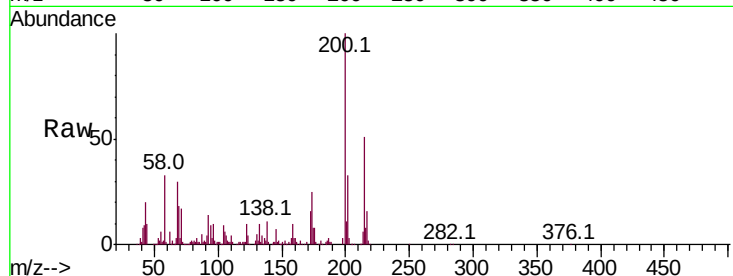
Tot Ion:200 Resp: 212001

Ion Ratio Lower Upper

200 100

173 24.7 4.5 44.5

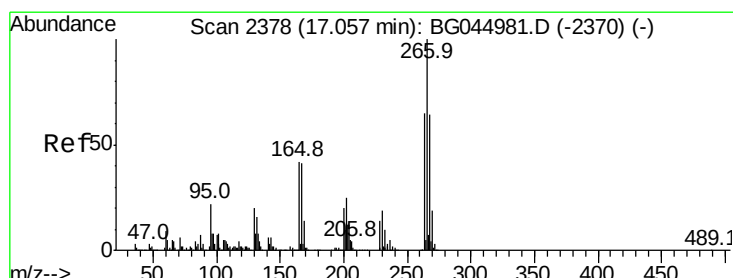
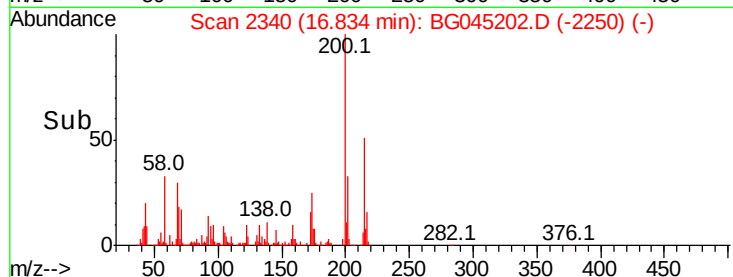
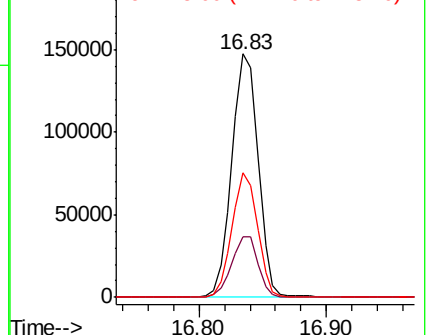
215 50.9 30.0 70.0



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: 84.155 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

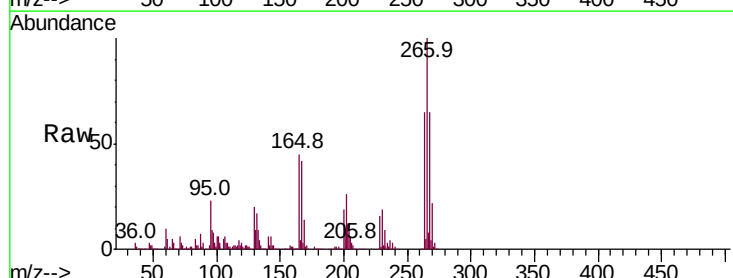
Tgt Ion:266 Resp: 301281

Ion Ratio Lower Upper

266 100

268 65.2 51.5 77.3

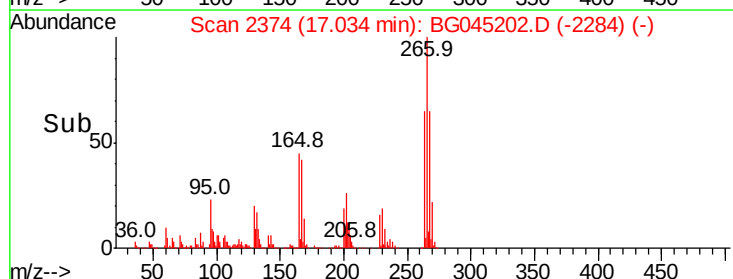
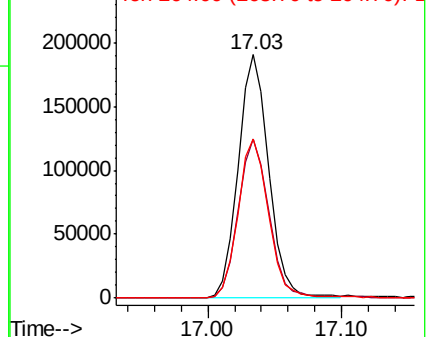
264 65.4 52.2 78.4

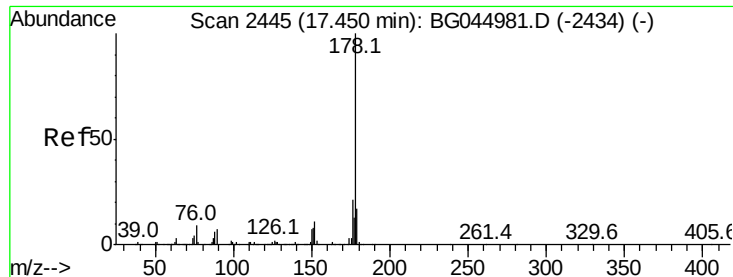


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.819 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

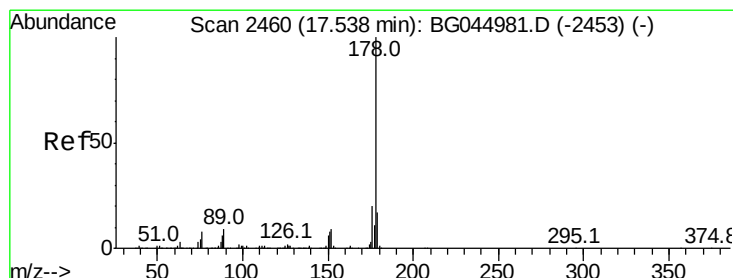
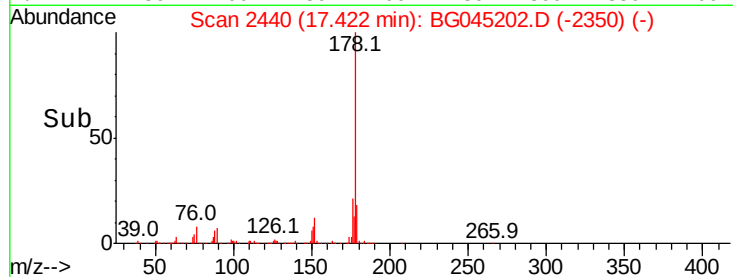
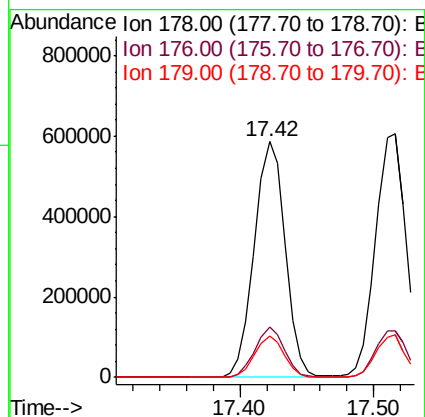
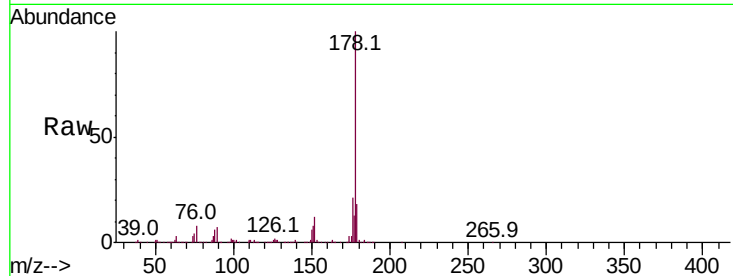
Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion:178 Resp: 937326

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	17.6	13.2	19.8



#72

Anthracene

Concen: 43.071 ng

RT: 17.52 min Scan# 2456

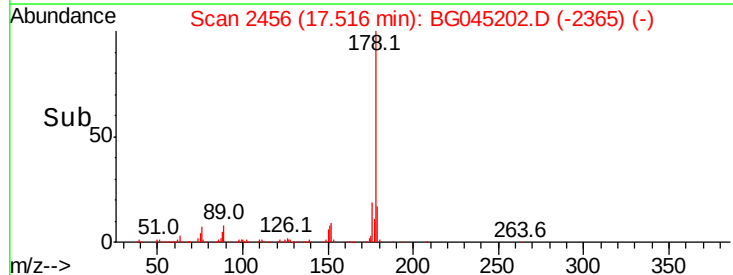
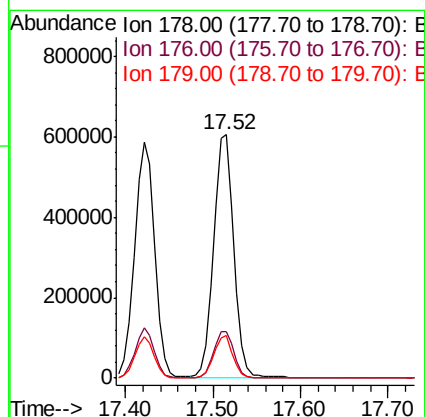
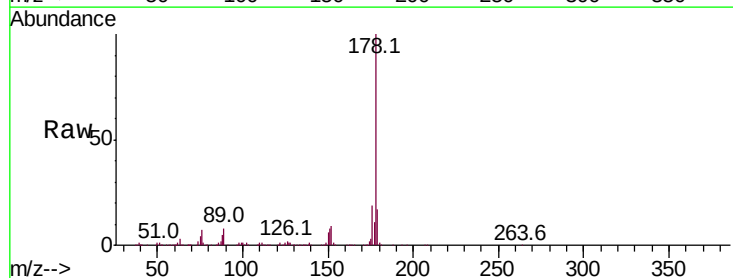
Delta R.T. 0.00 min

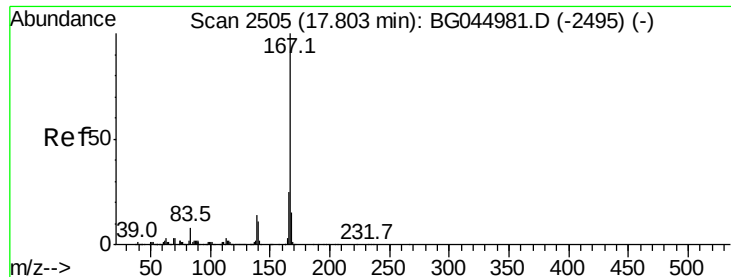
Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:178 Resp: 968385

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	17.3	13.6	20.4





#73

Carbazole

Concen: 40.277 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

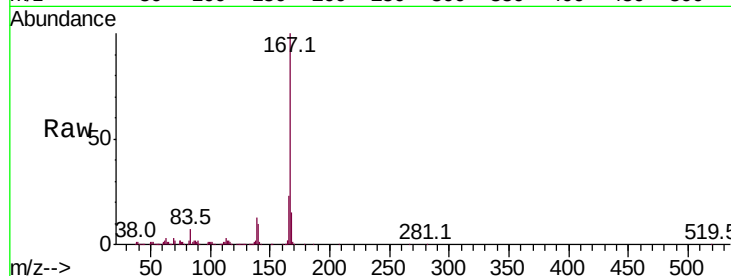
Tot Ion:167 Resp: 918974

Ion Ratio Lower Upper

167 100

166 23.3 19.8 29.6

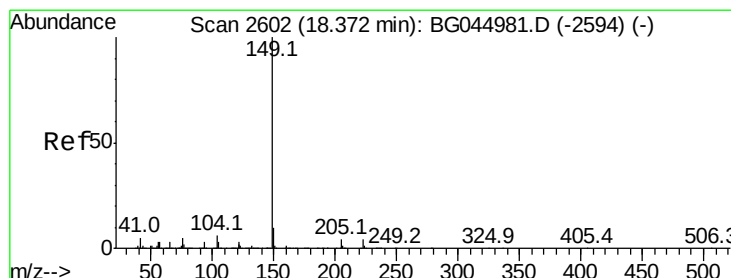
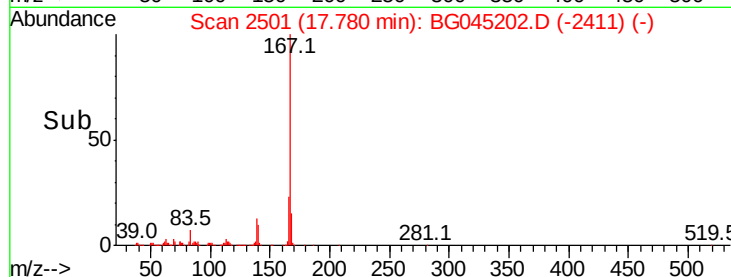
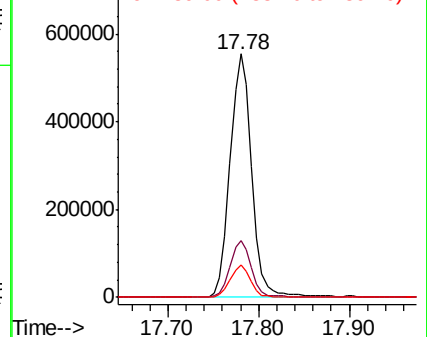
139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.925 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

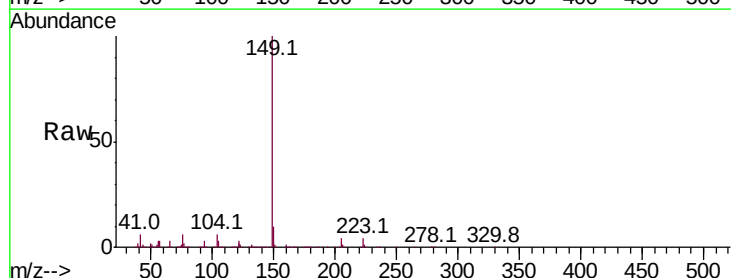
Tgt Ion:149 Resp: 1116044

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

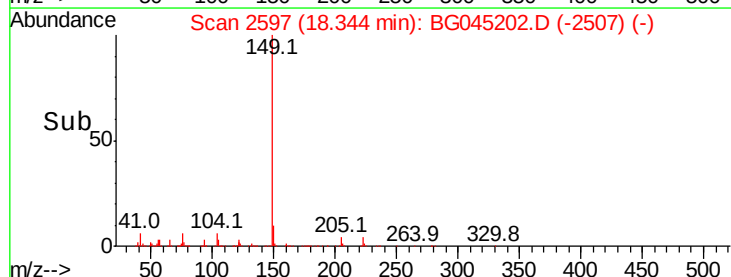
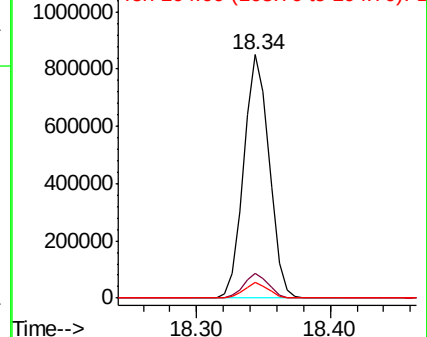
104 6.3 4.8 7.2

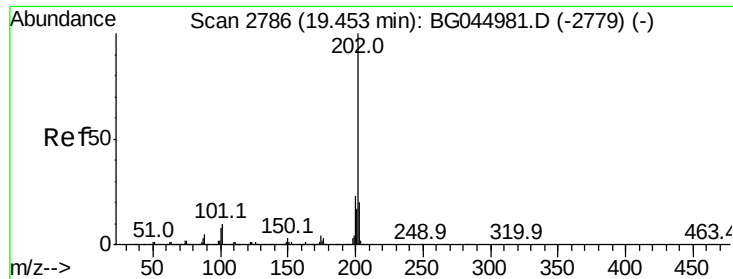


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.042 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

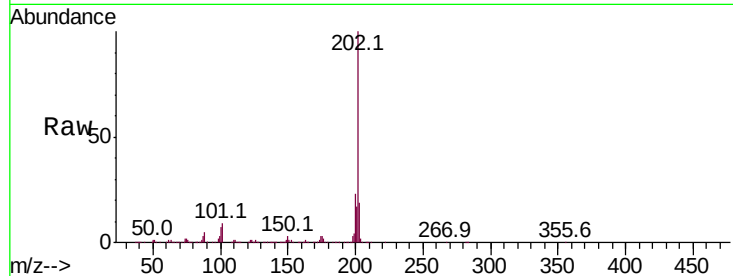
Tot Ion:202 Resp: 1254665

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.6

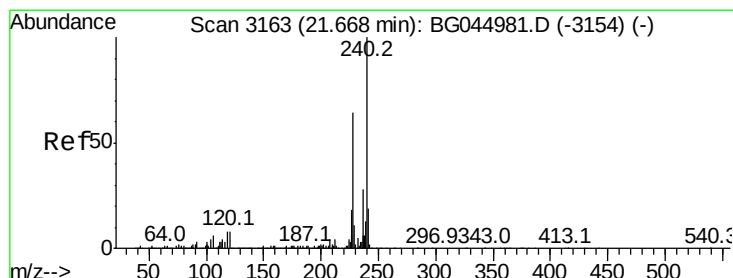
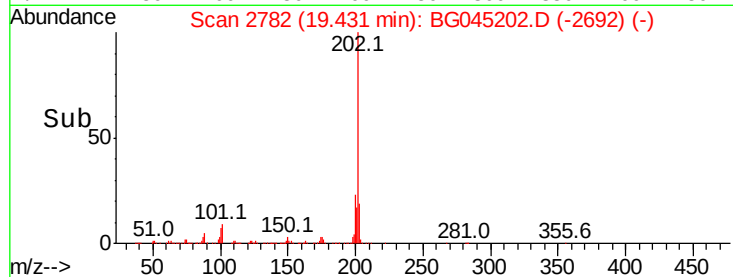
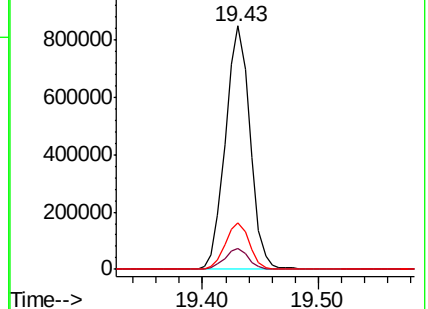
203 18.9 0.0 39.7



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: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

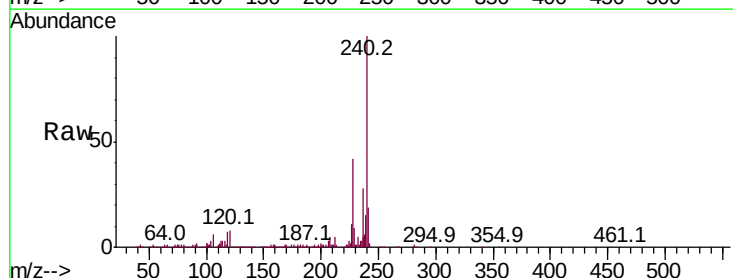
Tgt Ion:240 Resp: 439595

Ion Ratio Lower Upper

240 100

120 7.6 6.6 10.0

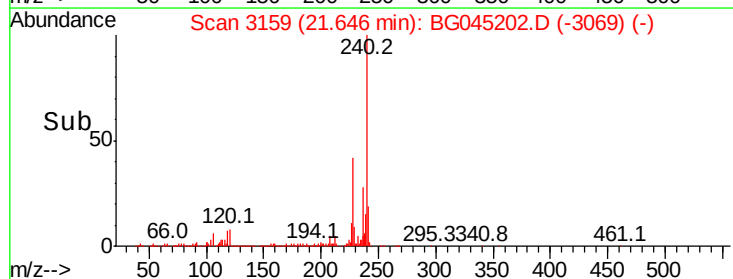
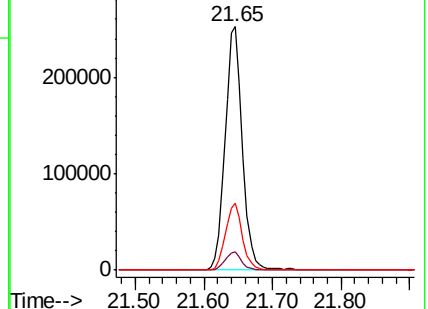
236 27.6 22.2 33.2

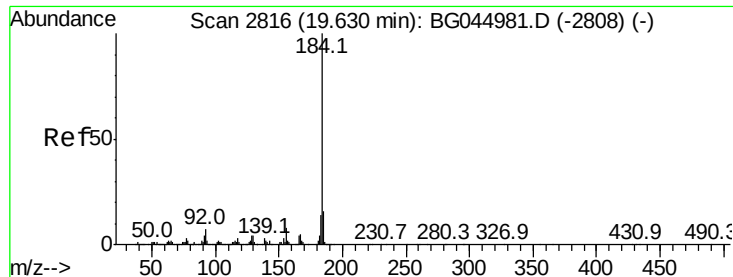


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.863 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

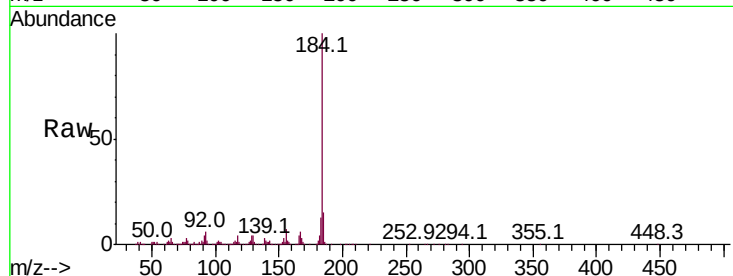
Tot Ion:184 Resp: 681922

Ion Ratio Lower Upper

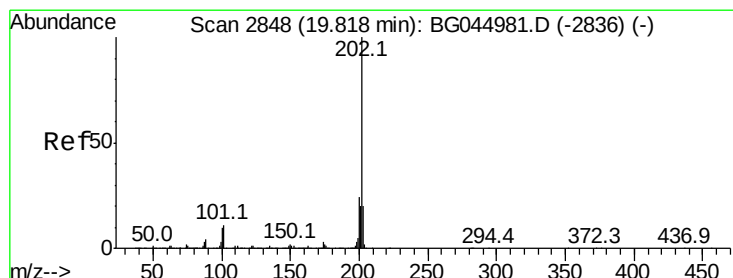
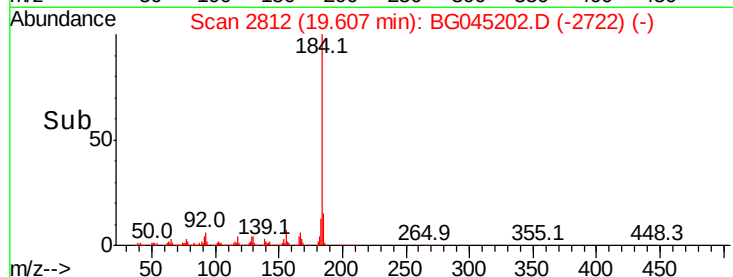
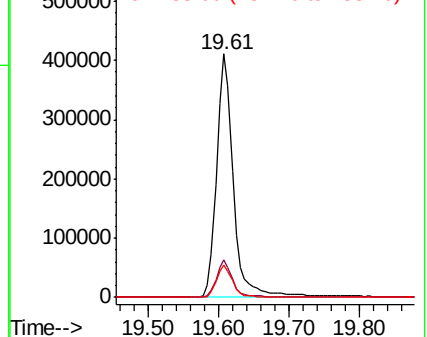
184 100

185 15.5 12.6 19.0

183 13.2 11.3 16.9



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: 40.709 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

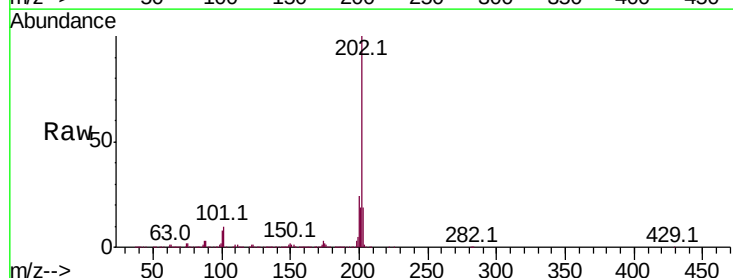
Tgt Ion:202 Resp: 1233728

Ion Ratio Lower Upper

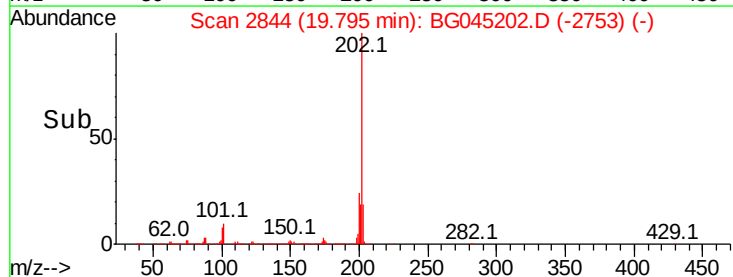
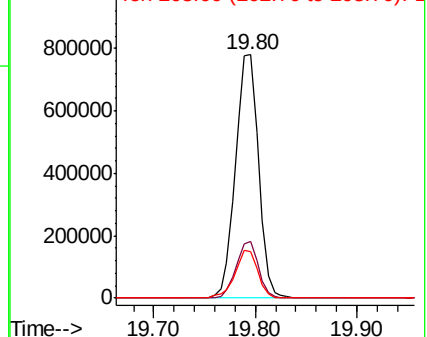
202 100

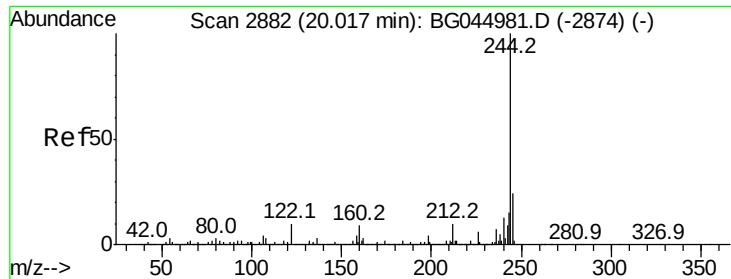
200 23.5 19.0 28.6

203 19.2 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: 89.290 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

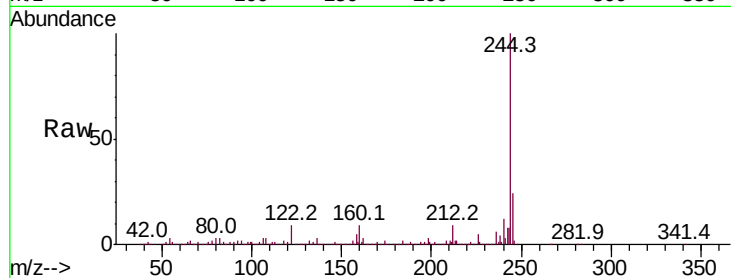
Tot Ion:244 Resp: 1800886

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

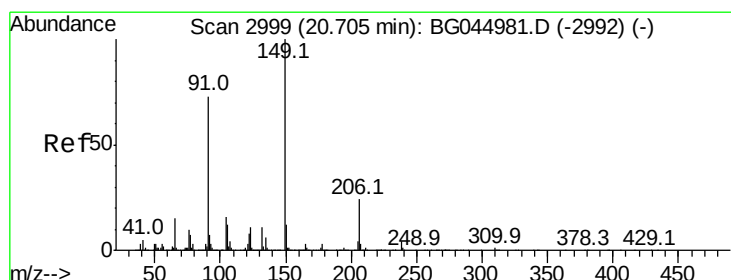
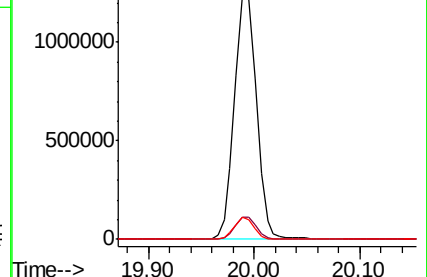
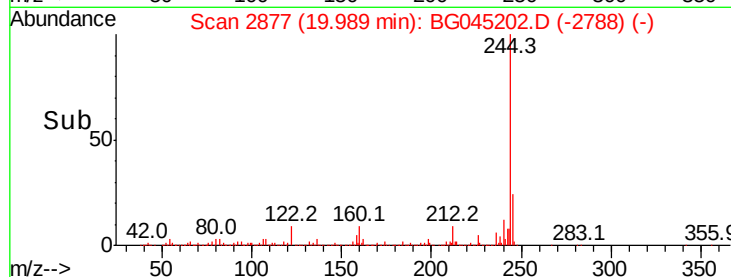
122 8.9 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.241 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

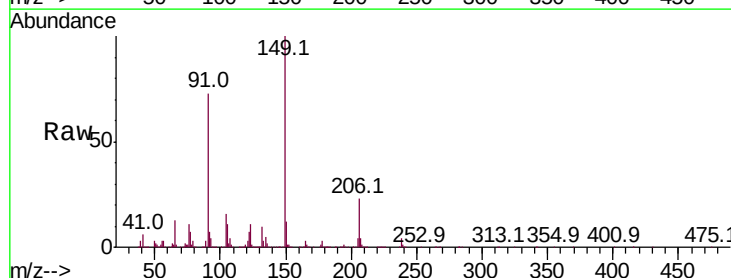
Tgt Ion:149 Resp: 518081

Ion Ratio Lower Upper

149 100

91 72.7 58.5 87.7

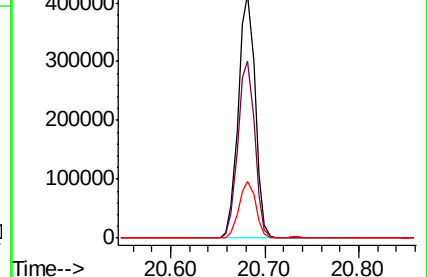
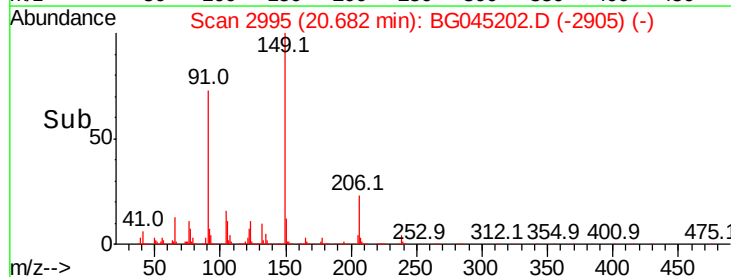
206 23.3 19.2 28.8

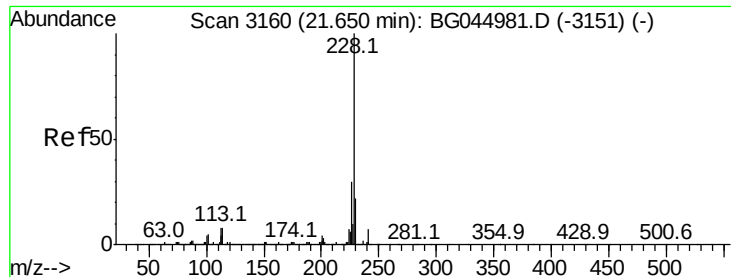


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.757 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

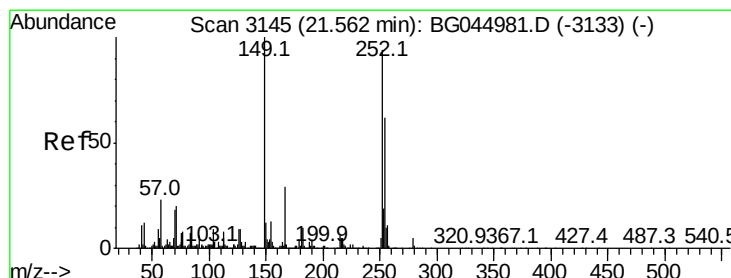
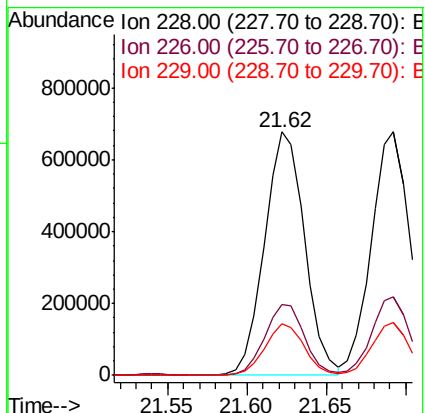
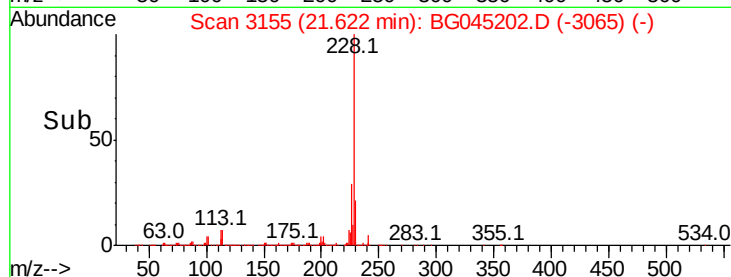
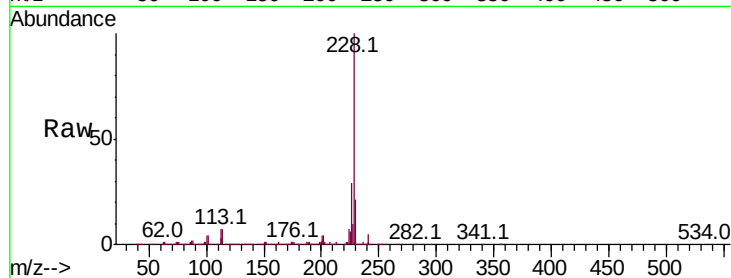
BNA_G

ClientSampleId :

PB128519BS

Tot Ion:228 Resp: 1189752

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.1	17.5	26.3



#82

3,3'-Dichlorobenzidine

Concen: 31.770 ng

RT: 21.54 min Scan# 3141

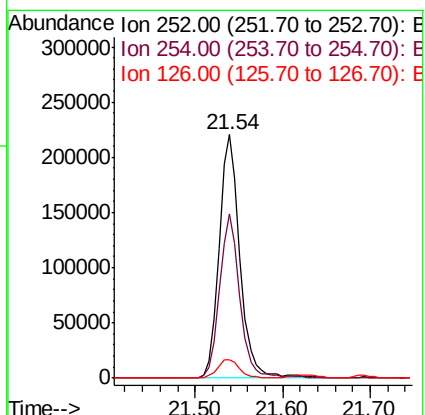
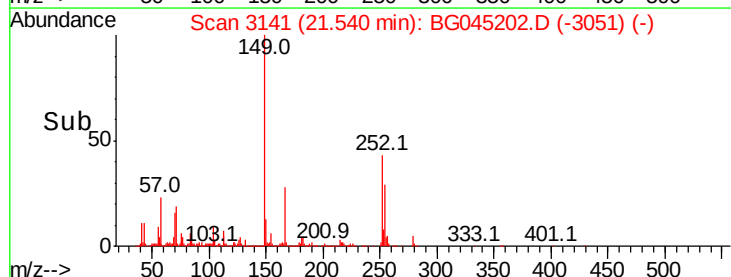
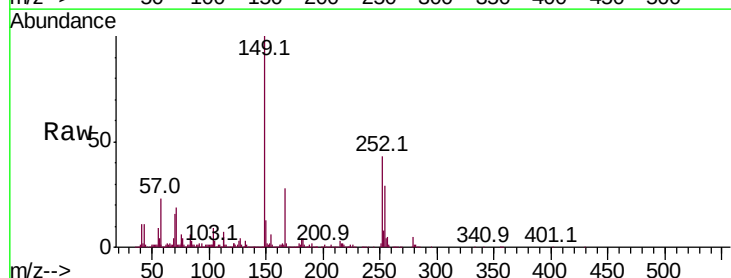
Delta R.T. -0.00 min

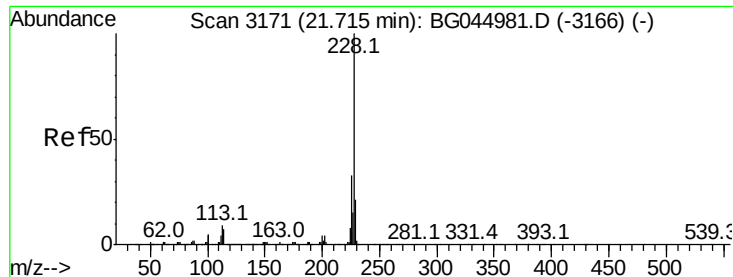
Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:252 Resp: 360283

Ion	Ratio	Lower	Upper
252	100		
254	67.2	52.6	79.0
126	7.4	7.5	11.3#





#83

Chrysene

Concen: 42.369 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

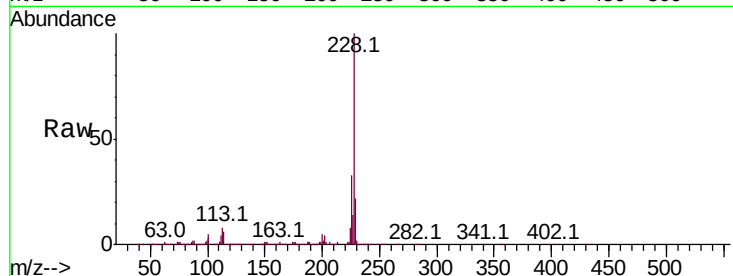
BNA_G

ClientSampleId :

PB128519BS

Tot Ion:228 Resp: 1159876

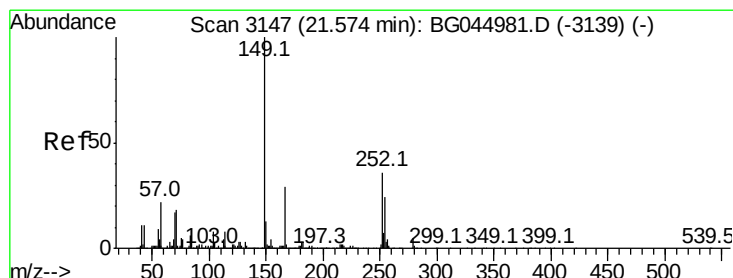
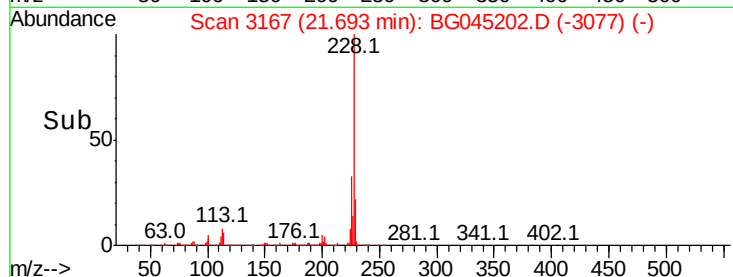
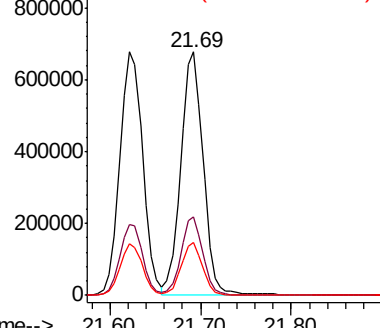
Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.6	17.0	25.6



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: 41.354 ng

RT: 21.54 min Scan# 3141

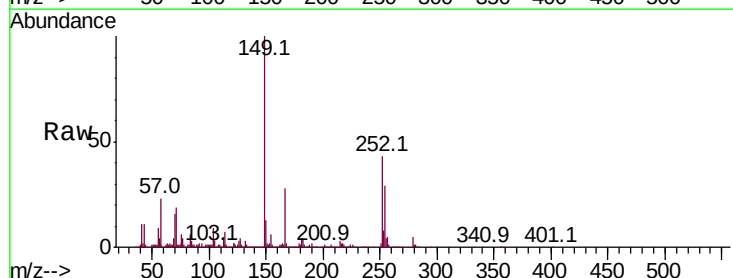
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:149 Resp: 714483

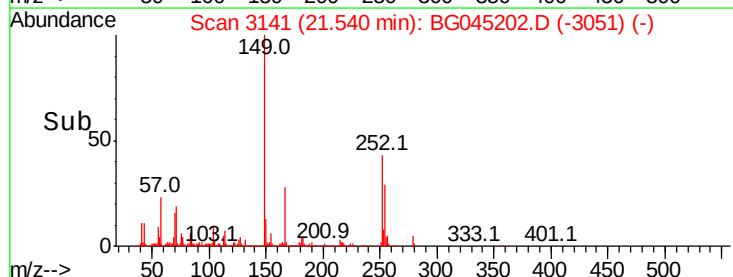
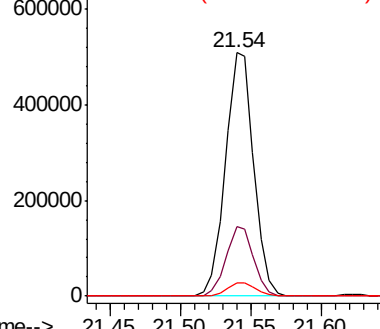
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.3	4.3	6.5

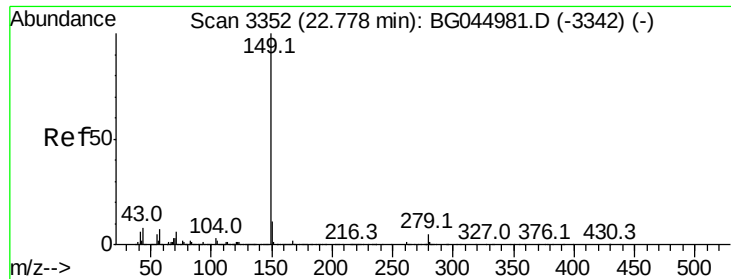


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.800 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

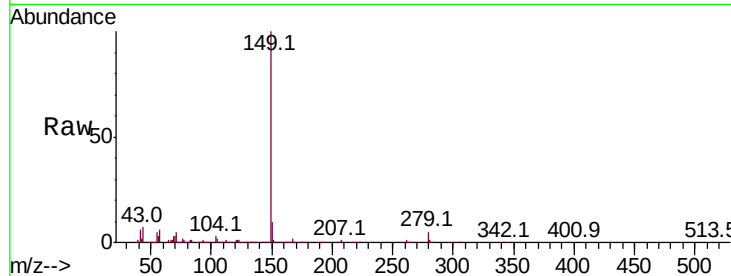
Tot Ion:149 Resp: 1248844

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

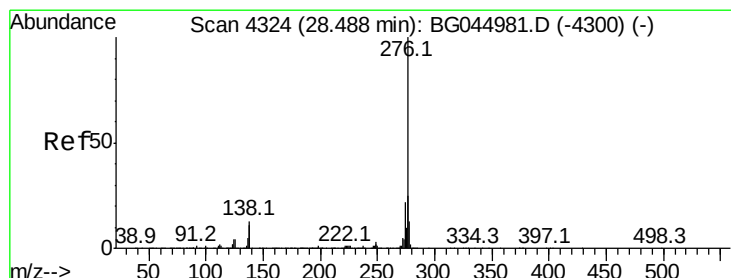
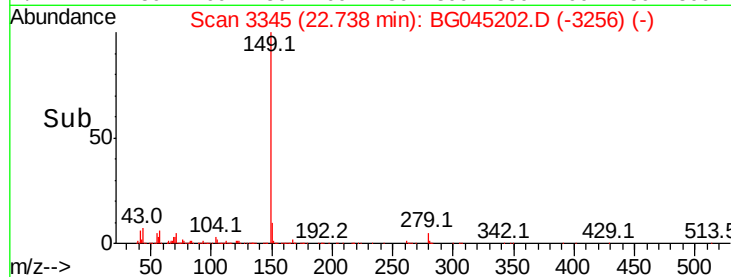
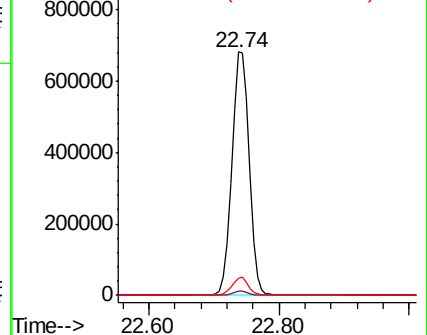
43 7.0 5.7 8.5



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

Indeno(1,2,3-cd)pyrene

Concen: 42.633 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

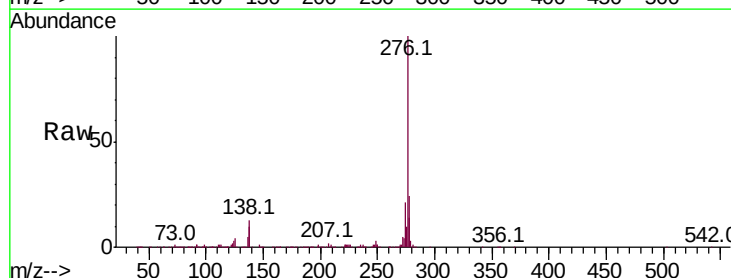
Tgt Ion:276 Resp: 1549529

Ion Ratio Lower Upper

276 100

138 16.2 9.6 14.4#

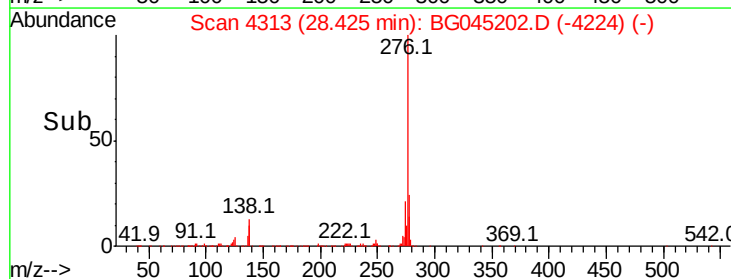
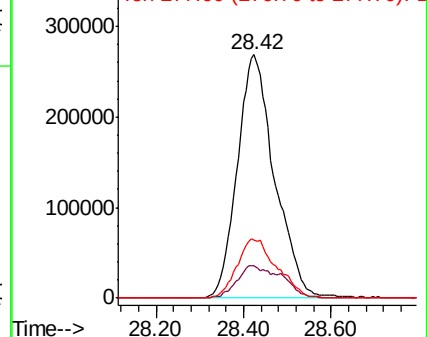
277 25.9 20.6 31.0

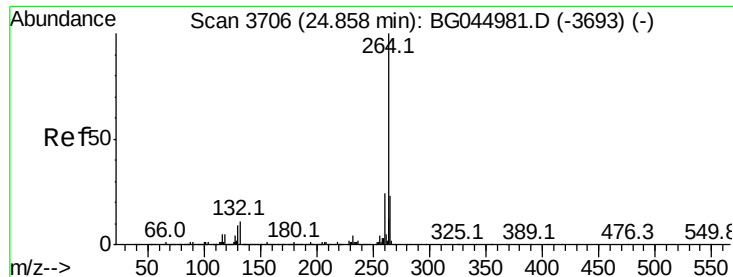


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

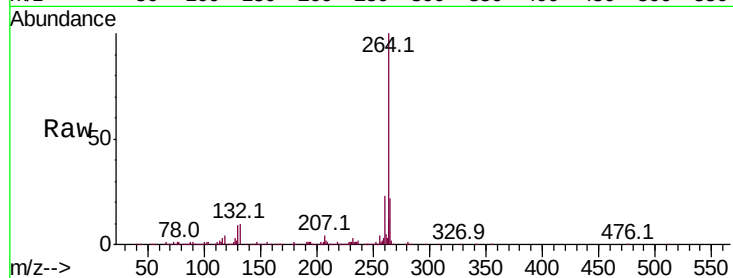
Tot Ion:264 Resp: 491461

Ion Ratio Lower Upper

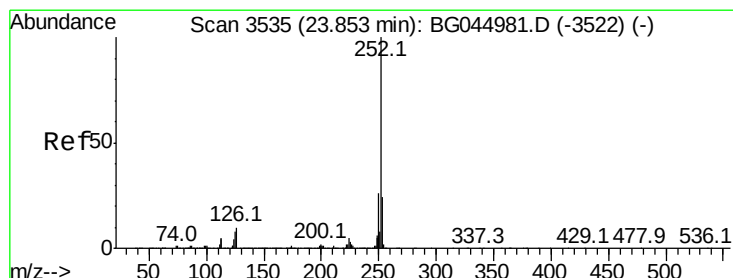
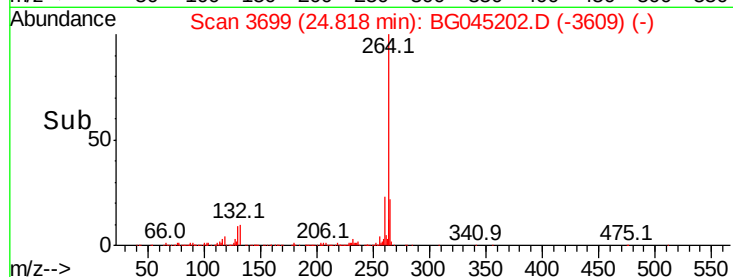
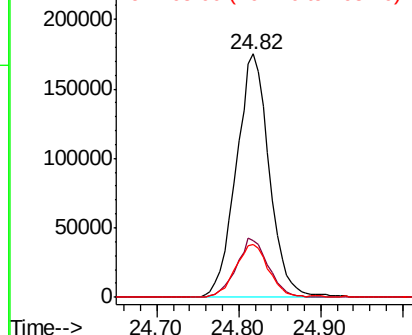
264 100

260 23.2 19.2 28.8

265 21.9 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 42.494 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

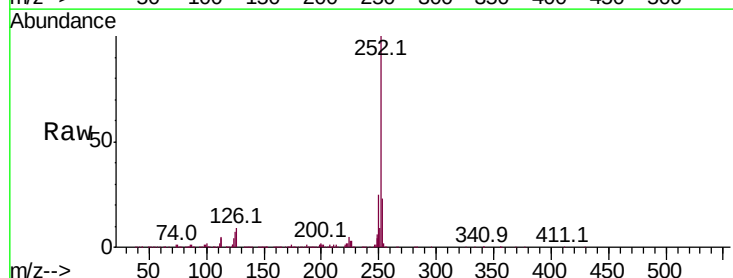
Tgt Ion:252 Resp: 1308166

Ion Ratio Lower Upper

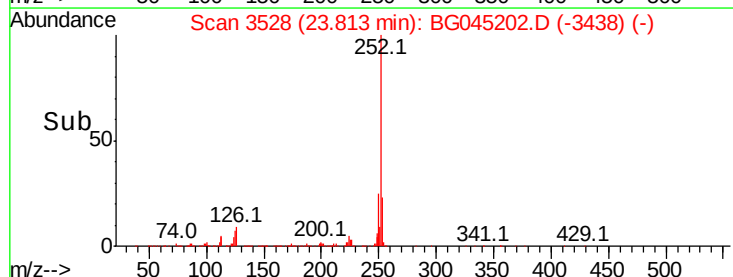
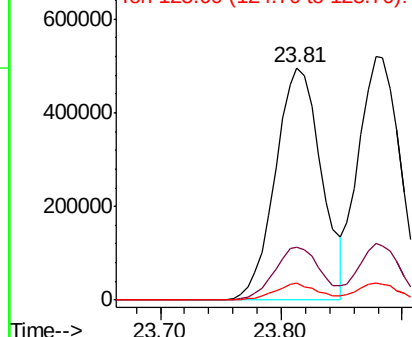
252 100

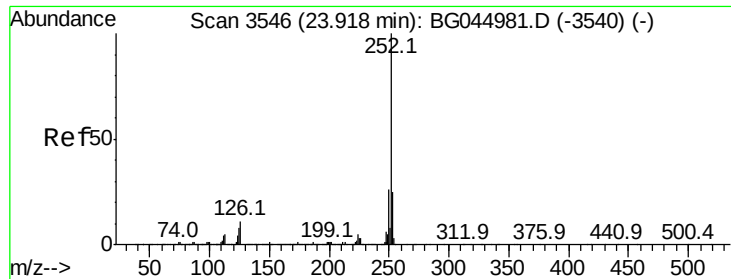
253 22.8 18.8 28.2

125 7.3 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.089 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

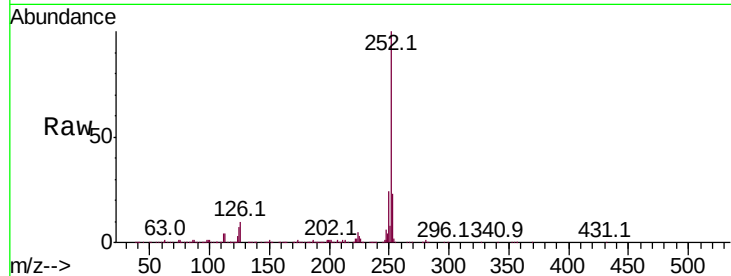
Tot Ion:252 Resp: 1261489

Ion Ratio Lower Upper

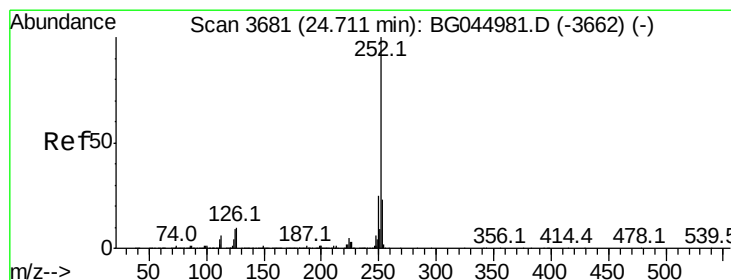
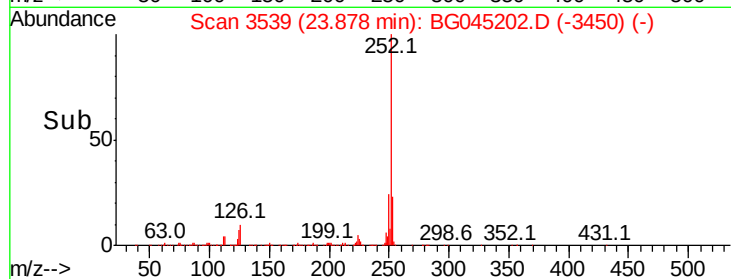
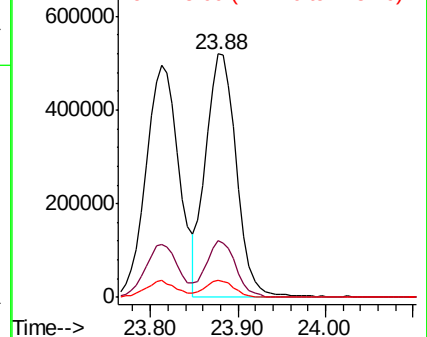
252 100

253 23.3 19.2 28.8

125 6.8 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.624 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

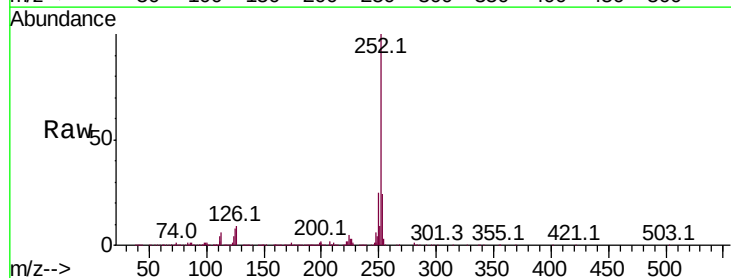
Tgt Ion:252 Resp: 1209843

Ion Ratio Lower Upper

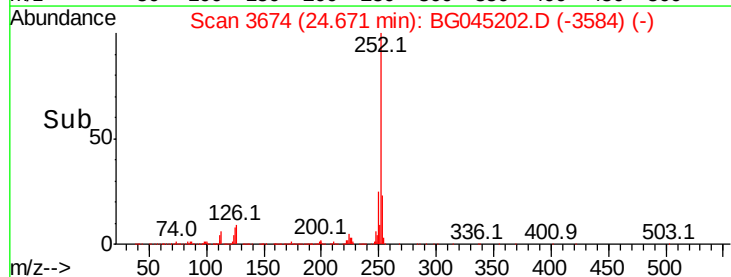
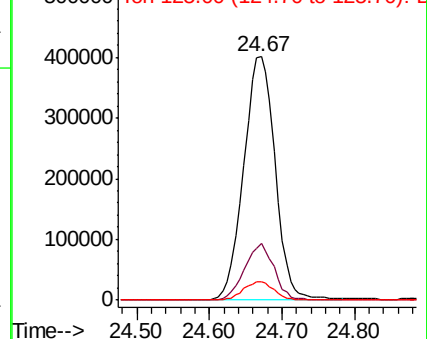
252 100

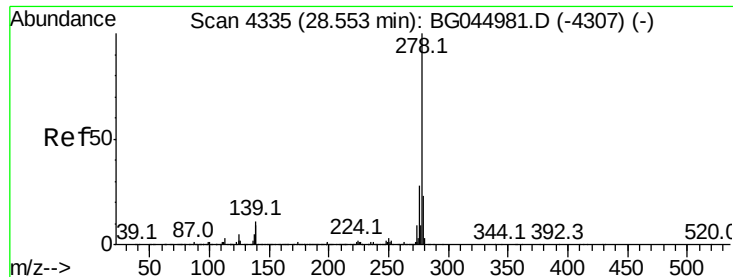
253 23.5 18.3 27.5

125 7.7 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.987 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

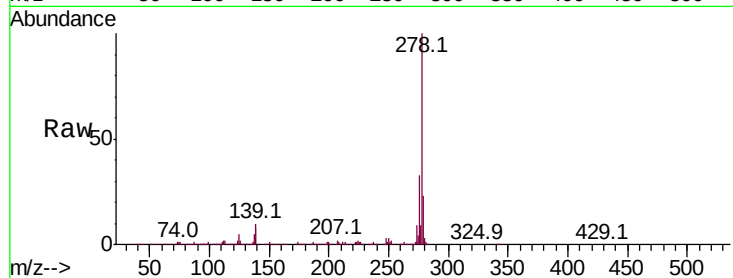
BNA_G

ClientSampleId :

PB128519BS

Tot Ion:278 Resp: 1259007

Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.0	13.6
279	23.4	18.4	27.6

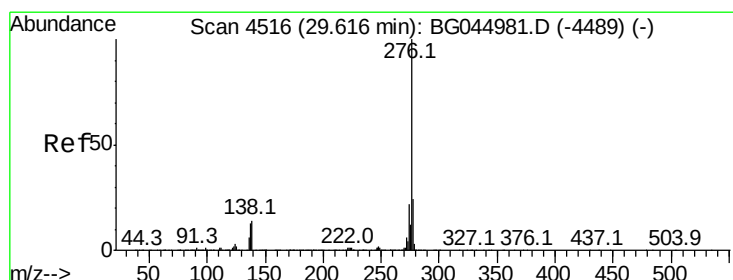
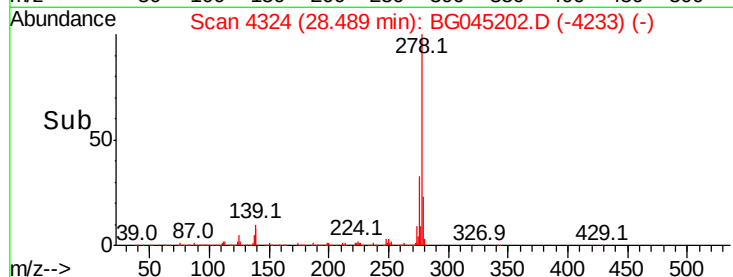
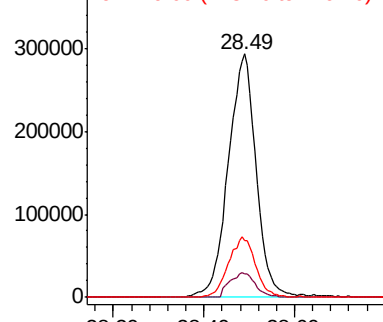


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.075 ng

RT: 29.55 min Scan# 4504

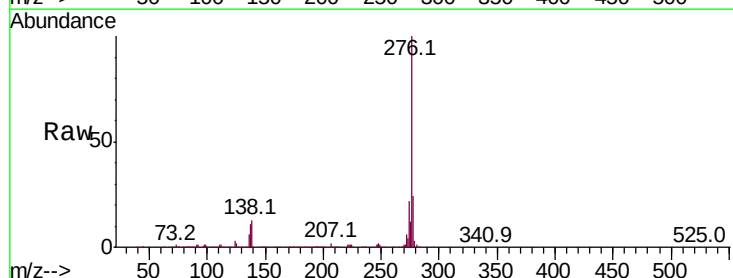
Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:276 Resp: 1264811

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	13.1	11.4	17.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

