

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045203.D
 Acq On : 29 Apr 2020 13:40
 Operator : CG/JU
 Sample : PB128519BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Quant Time: Apr 29 14:20:38 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	58205	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	240595	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180490	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	468012	20.00	ng	0.00
76) Chrysene-d12	21.65	240	449070	20.00	ng	0.00
87) Perylene-d12	24.81	264	485098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	319128	90.52	ng	0.00
7) Phenol-d6	7.16	99	460756	87.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	414407	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	250312	89.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1011928	82.21	ng	0.00
79) Terphenyl-d14	20.00	244	1903893	92.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	54683	34.901	ng	# 94
3) Pyridine	3.84	79	154117	31.947	ng	98
4) n-Nitrosodimethylamine	3.75	42	61862	41.860	ng	94
6) Aniline	7.31	93	166061	24.383	ng	97
8) 2-Chlorophenol	7.56	128	175365	46.282	ng	96
9) Benzaldehyde	7.12	77	62777	16.550	ng	89
10) Phenol	7.18	94	241938	46.157	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	164751	39.477	ng	97
12) 1,3-Dichlorobenzene	7.88	146	183683	41.140	ng	97
13) 1,4-Dichlorobenzene	8.02	146	184129	41.387	ng	99
14) 1,2-Dichlorobenzene	8.35	146	175428	41.216	ng	94
15) Benzyl Alcohol	8.23	79	172163	39.202	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	149950	36.603	ng	98
17) 2-Methylphenol	8.44	107	159680	39.484	ng	97
18) Hexachloroethane	9.08	117	71528	42.767	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	146454	39.535	ng	99
20) 3+4-Methylphenols	8.76	107	224578	39.673	ng	97
22) Acetophenone	8.81	105	262013	40.271	ng	96
24) Nitrobenzene	9.19	77	217592	40.258	ng	99
25) Isophorone	9.71	82	411338	38.094	ng	99
26) 2-Nitrophenol	9.90	139	102331	43.954	ng	94
27) 2,4-Dimethylphenol	9.97	122	166444	45.057	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	230202	40.575	ng	98
29) 2,4-Dichlorophenol	10.45	162	192986	45.243	ng	95
30) 1,2,4-Trichlorobenzene	10.66	180	203497	42.137	ng	95
31) Naphthalene	10.85	128	546655	41.534	ng	99
32) Benzoic acid	10.12	122	115699	39.996	ng	93
33) 4-Chloroaniline	10.95	127	92125	15.009	ng	97
34) Hexachlorobutadiene	11.14	225	136789	41.311	ng	98
35) Caprolactam	11.72	113	43861	25.836	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	224367	44.776	ng	99
37) 2-Methylnaphthalene	12.46	142	426005	41.700	ng	93
38) 1-Methylnaphthalene	12.68	142	411465	42.664	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	235458	40.517	ng	99

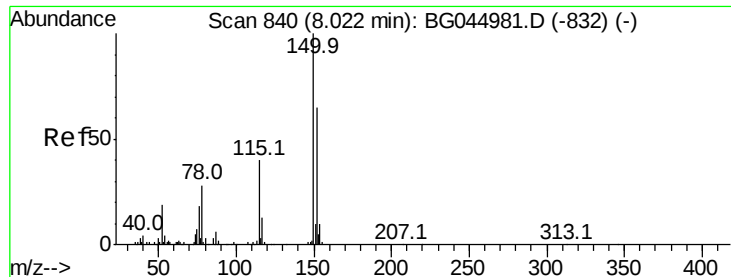
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	317718	87.474	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	180107	43.914	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	199133	42.655	ng	97
46) 1,1'-Biphenyl	13.46	154	556636	40.576	ng	98
47) 2-Chloronaphthalene	13.50	162	428512	40.879	ng	98
48) 2-Nitroaniline	13.70	65	145977	42.326	ng	97
49) Acenaphthylene	14.36	152	729783	42.742	ng	99
50) Dimethylphthalate	14.09	163	617969	42.049	ng	100
51) 2,6-Dinitrotoluene	14.20	165	144427	43.937	ng	97
52) Acenaphthene	14.70	154	442959	38.344	ng	99
53) 3-Nitroaniline	14.53	138	85736	23.781	ng	98
54) 2,4-Dinitrophenol	14.74	184	187045	95.693	ng	97
55) Dibenzofuran	15.03	168	724242	43.001	ng	96
56) 4-Nitrophenol	14.85	139	246270	88.100	ng	96
57) 2,4-Dinitrotoluene	14.99	165	206406	42.967	ng	96
58) Fluorene	15.68	166	618063	44.927	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	196450	47.293	ng	98
60) Diethylphthalate	15.45	149	658929	43.004	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	332781	42.026	ng	99
62) 4-Nitroaniline	15.70	138	143077	38.263	ng	98
63) Azobenzene	15.97	77	619829	43.876	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	138632	45.065	ng	93
66) n-Nitrosodiphenylamine	15.89	169	555613	41.319	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	239814	39.719	ng	99
68) Hexachlorobenzene	16.69	284	262575	41.932	ng	97
69) Atrazine	16.83	200	233792	47.985	ng	98
70) Pentachlorophenol	17.03	266	329231	85.706	ng	98
71) Phenanthrene	17.42	178	1028739	42.775	ng	100
72) Anthracene	17.51	178	1059722	43.927	ng	99
73) Carbazole	17.78	167	975736	39.856	ng	99
74) Di-n-butylphthalate	18.34	149	1187064	44.472	ng	100
75) Fluoranthene	19.43	202	1308878	46.510	ng	98
77) Benzidine	19.61	184	461894	34.064	ng	97
78) Pyrene	19.79	202	1287037	41.572	ng	100
80) Butylbenzylphthalate	20.68	149	530394	41.331	ng	97
81) Benzo(a)anthracene	21.62	228	1225771	42.114	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	345758	29.846	ng	99
83) Chrysene	21.69	228	1203832	43.047	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	747912	42.375	ng	99
85) Di-n-octyl phthalate	22.74	149	1280309	41.949	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1580117	42.557	ng	99
88) Benzo(b)fluoranthene	23.81	252	1357292	44.668	ng	98
89) Benzo(k)fluoranthene	23.88	252	1303911	45.122	ng	98
90) Benzo(a)pyrene	24.67	252	1239741	43.212	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	1290086	44.626	ng	97
92) Benzo(g,h,i)perylene	29.55	276	1276891	44.057	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

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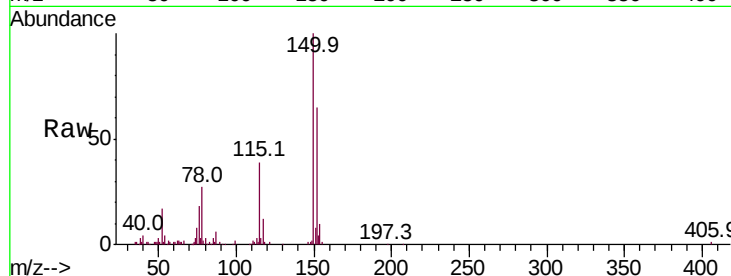
Tot Ion:152 Resp: 58205

Ion Ratio Lower Upper

152 100

150 153.6 123.6 185.4

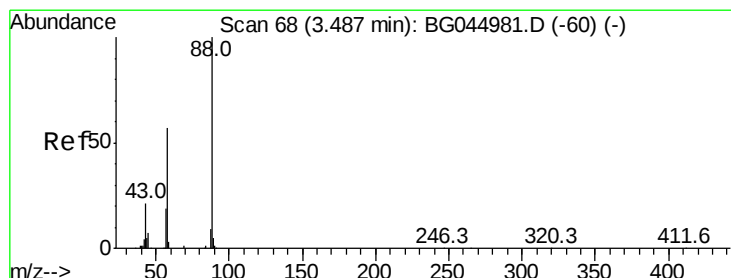
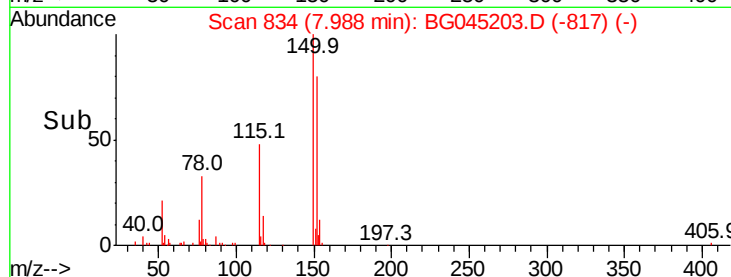
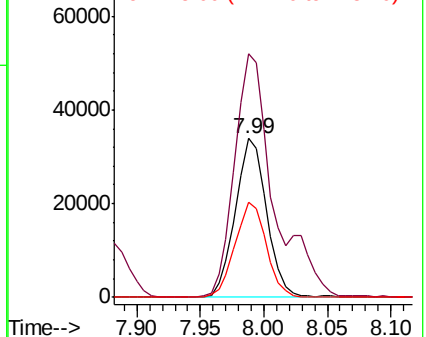
115 60.0 49.1 73.7



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: 34.901 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

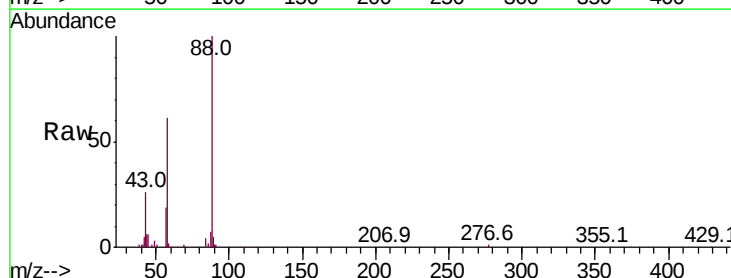
Tgt Ion: 88 Resp: 54683

Ion Ratio Lower Upper

88 100

58 61.3 46.6 69.8

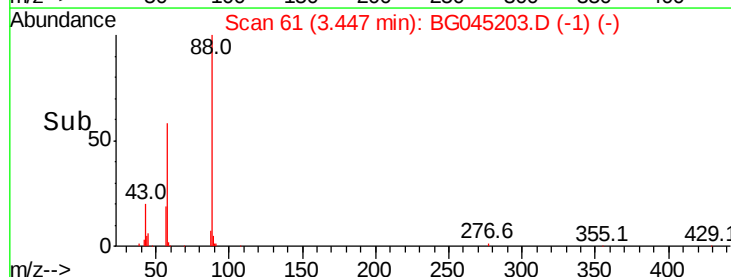
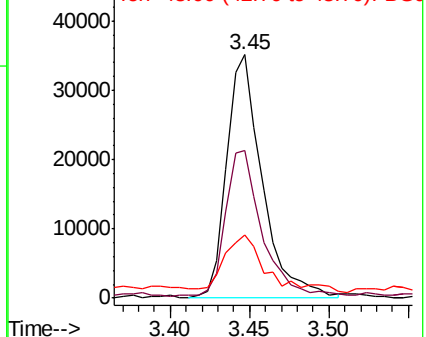
43 27.6 17.5 26.3#

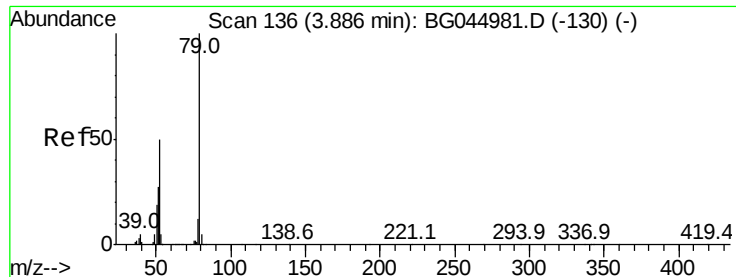


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.947 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

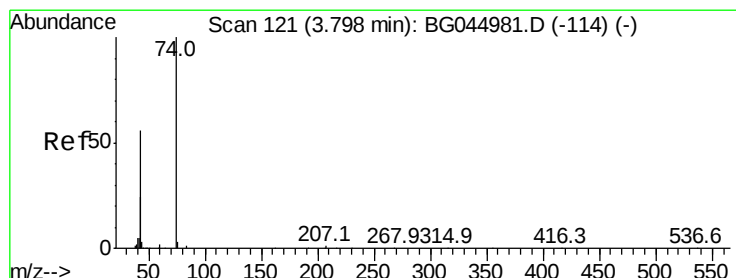
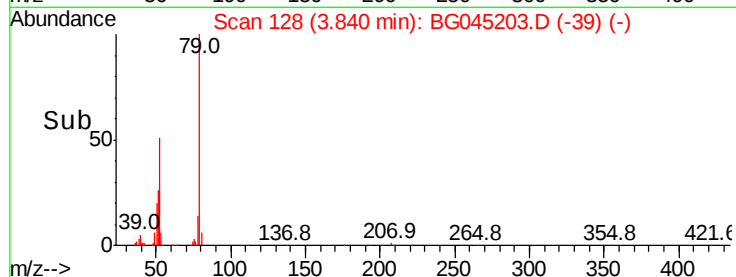
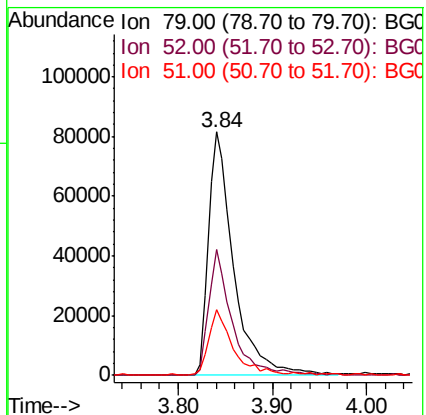
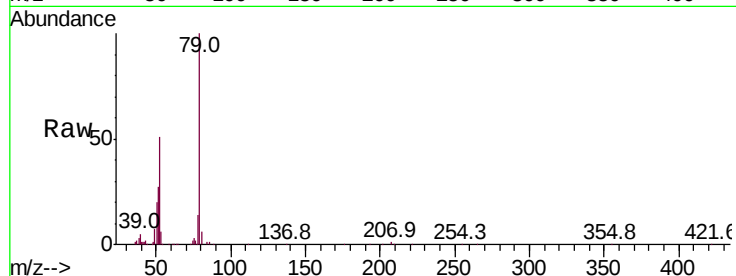
Tot Ion: 79 Resp: 154117

Ion Ratio Lower Upper

79 100

52 51.5 39.8 59.6

51 27.2 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 41.860 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

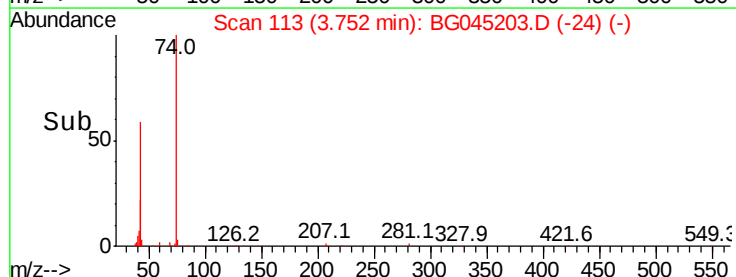
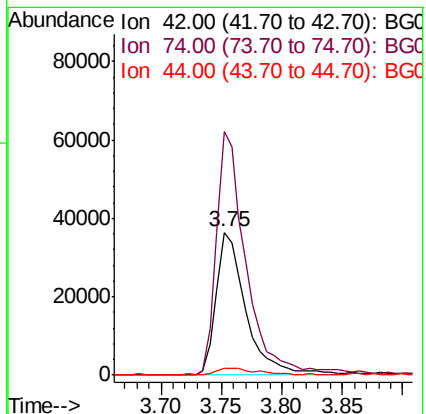
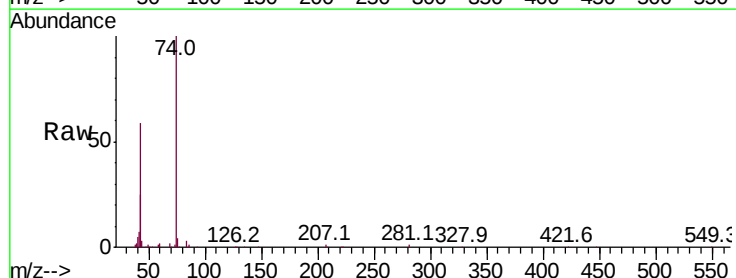
Tgt Ion: 42 Resp: 61862

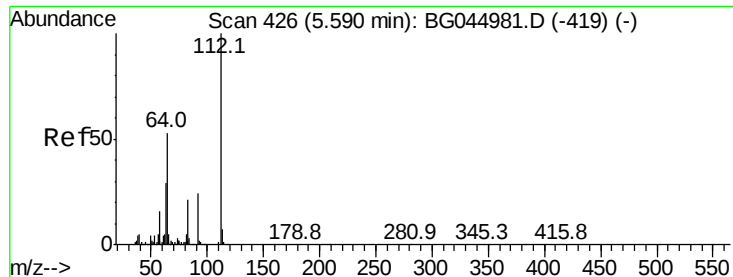
Ion Ratio Lower Upper

42 100

74 170.7 143.0 214.6

44 4.8 4.6 6.8





#5

2-Fluorophenol

Concen: 90.519 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

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PB128519BSD

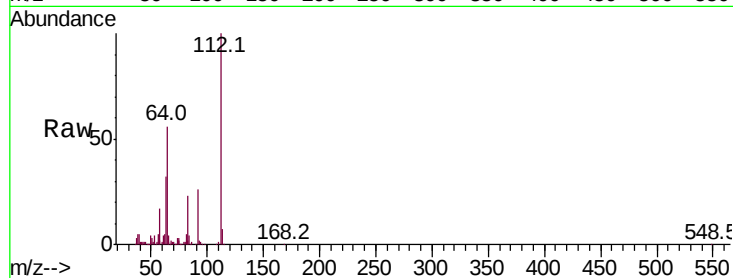
Tot Ion:112 Resp: 319128

Ion Ratio Lower Upper

112 100

64 56.3 42.4 63.6

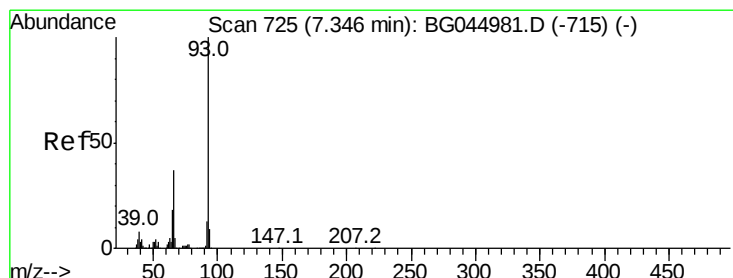
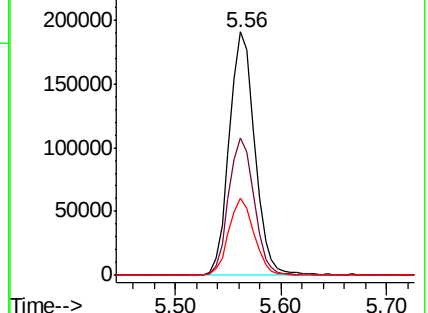
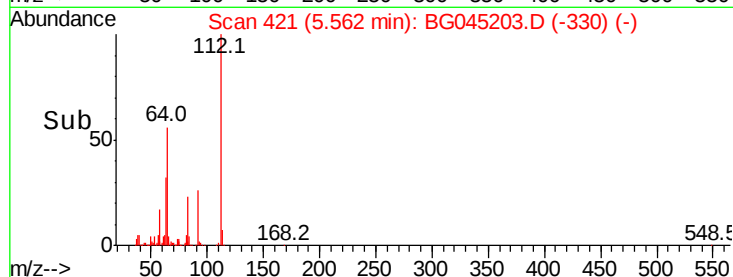
63 31.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.383 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

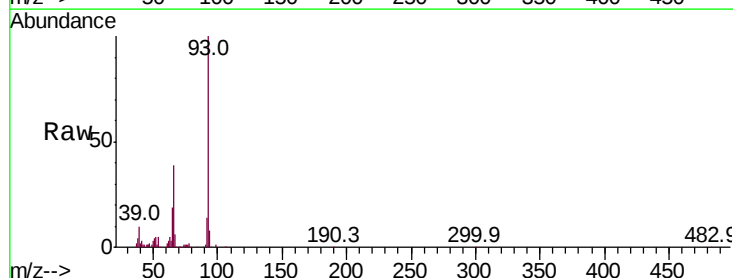
Tgt Ion: 93 Resp: 166061

Ion Ratio Lower Upper

93 100

66 39.4 29.8 44.8

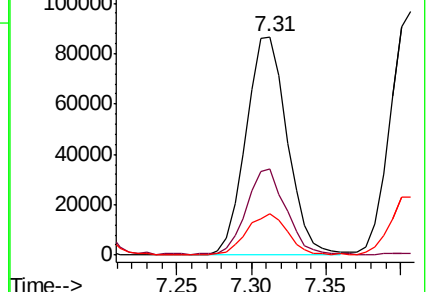
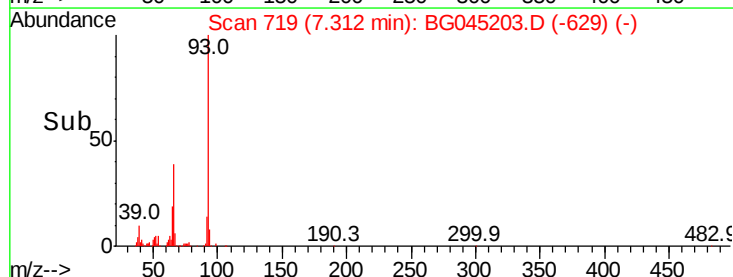
65 19.1 14.6 22.0

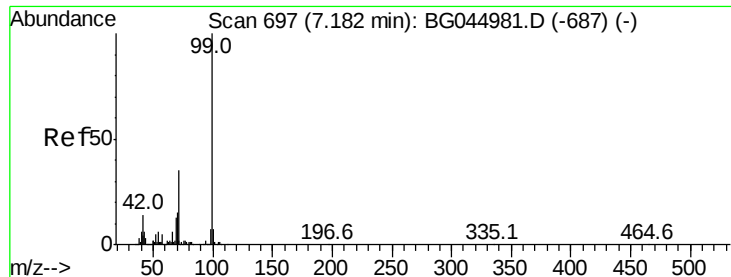


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.963 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045203.D

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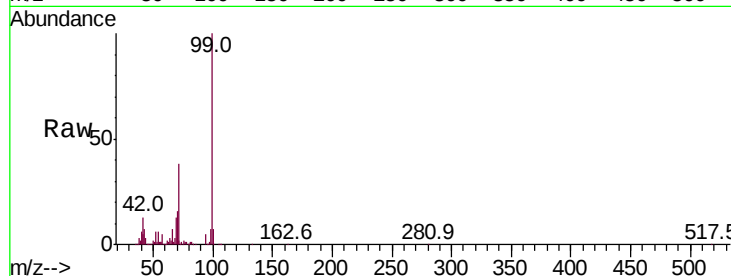
Tot Ion: 99 Resp: 460756

Ion Ratio Lower Upper

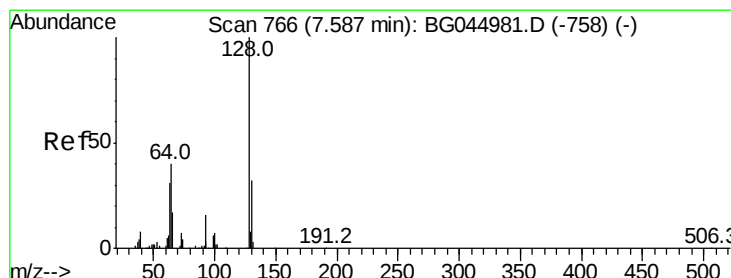
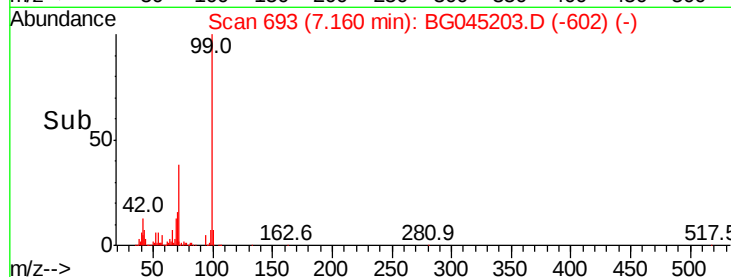
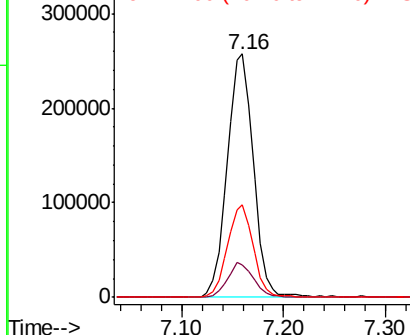
99 100

42 13.2 11.3 16.9

71 38.0 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: 46.282 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

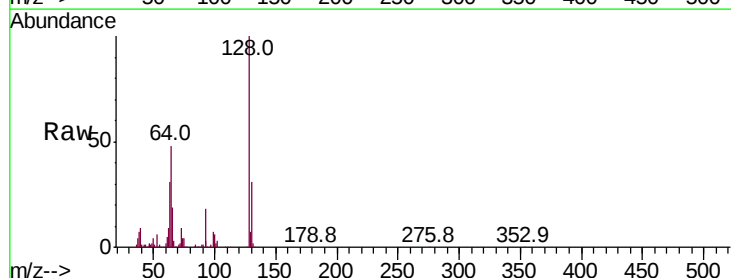
Tgt Ion: 128 Resp: 175365

Ion Ratio Lower Upper

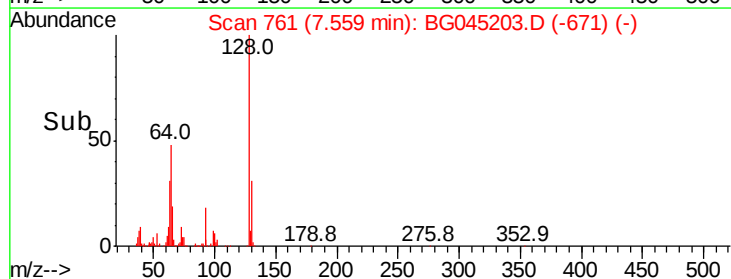
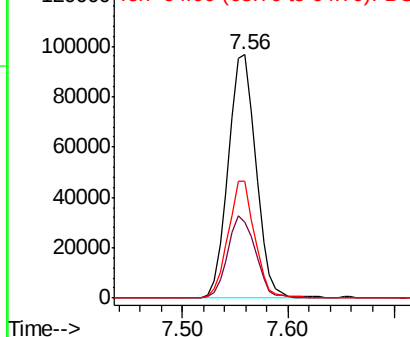
128 100

130 31.2 12.3 52.3

64 47.8 24.4 64.4



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





#9

Benzaldehyde

Concen: 16.550 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045203.D

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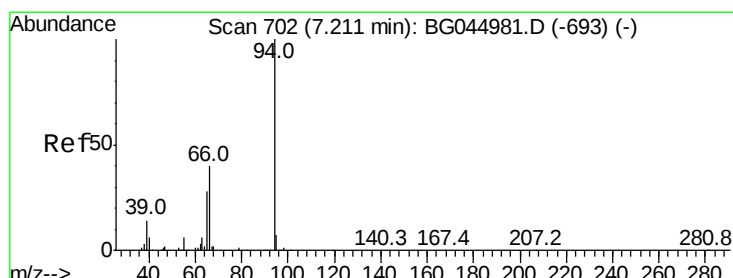
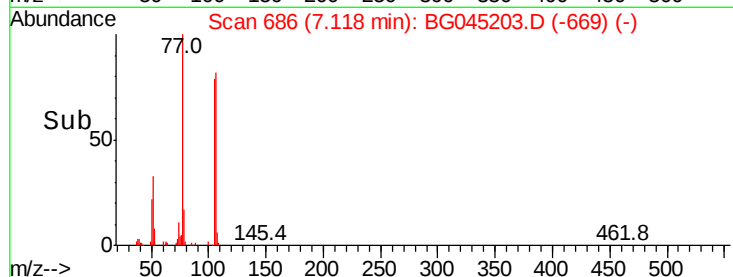
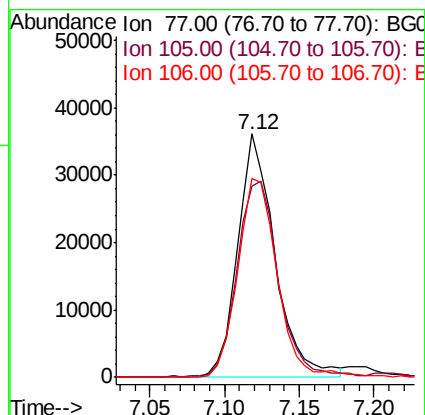
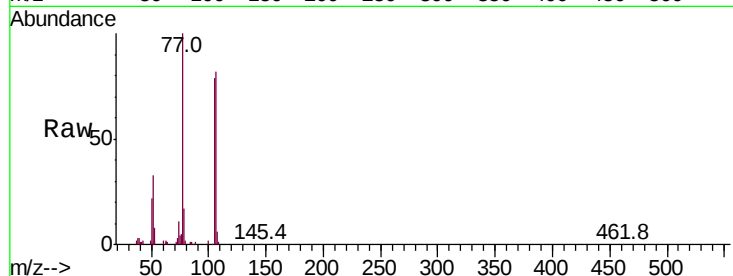
Tot Ion: 77 Resp: 62777

Ion Ratio Lower Upper

77 100

105 78.6 72.9 112.9

106 81.5 67.6 107.6



#10

Phenol

Concen: 46.157 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

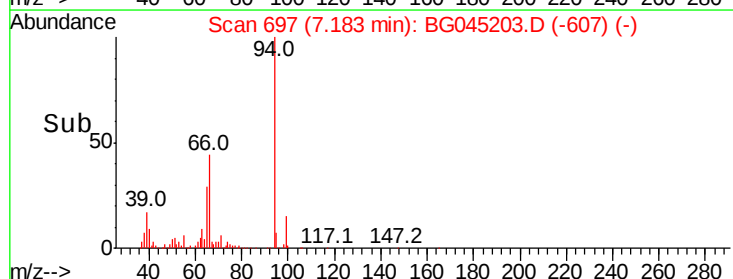
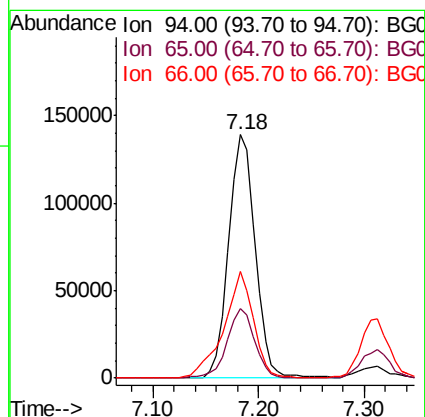
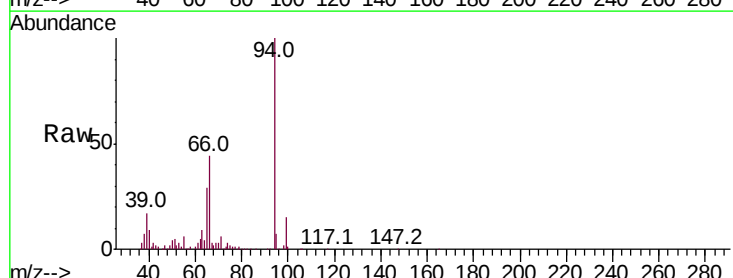
Tgt Ion: 94 Resp: 241938

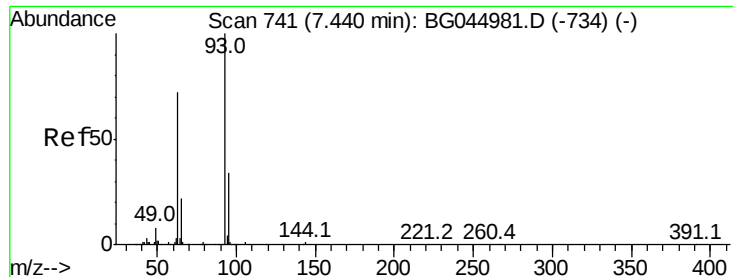
Ion Ratio Lower Upper

94 100

65 28.7 8.2 48.2

66 43.6 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 39.477 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

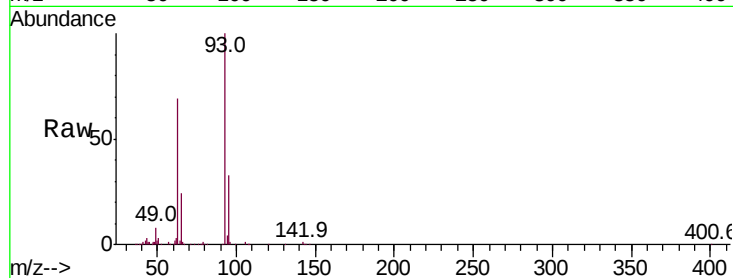
Tot Ion: 93 Resp: 164751

Ion Ratio Lower Upper

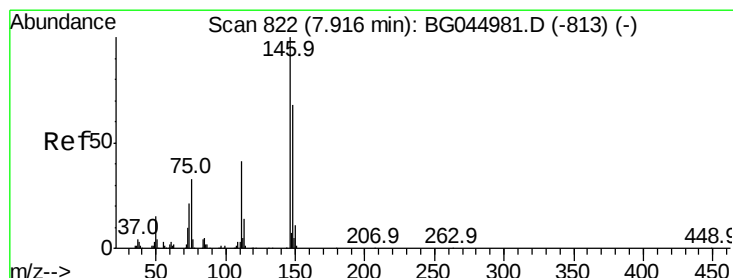
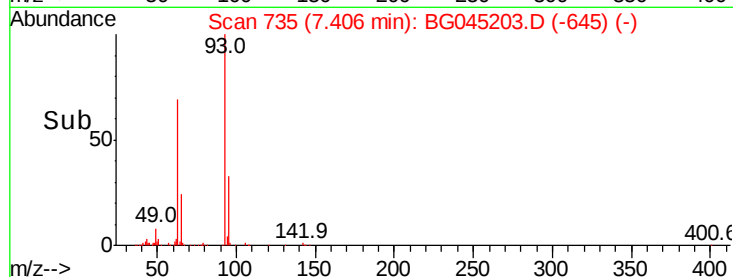
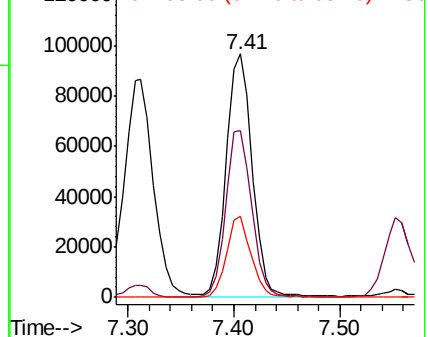
93 100

63 68.6 51.8 91.8

95 33.5 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: 41.140 ng

RT: 7.88 min Scan# 816

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

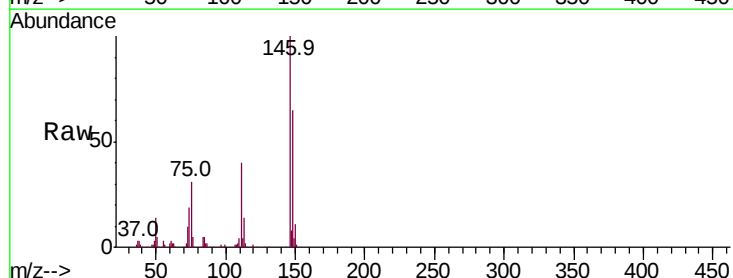
Tgt Ion: 146 Resp: 183683

Ion Ratio Lower Upper

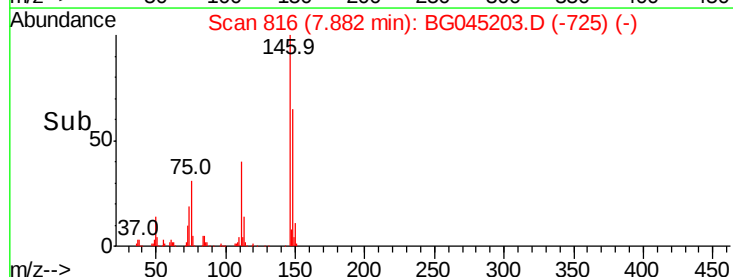
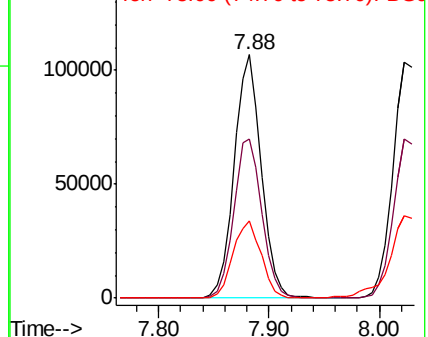
146 100

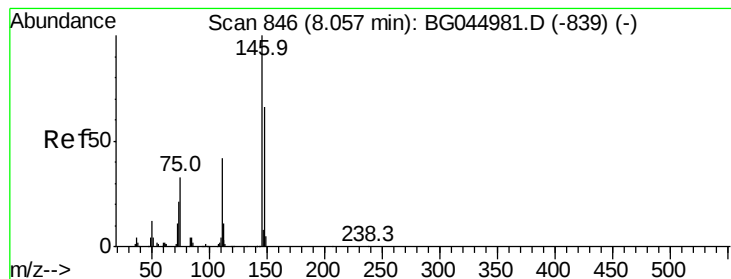
148 65.1 54.6 81.8

75 31.5 26.0 39.0



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





#13

1,4-Dichlorobenzene

Concen: 41.387 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

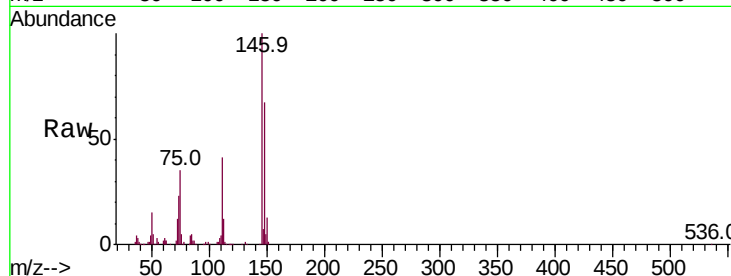
Tot Ion:146 Resp: 184129

Ion Ratio Lower Upper

146 100

148 67.2 53.3 79.9

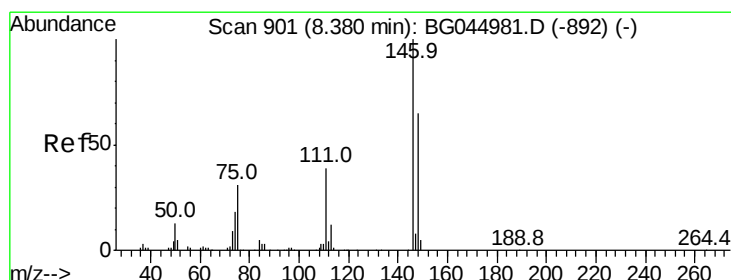
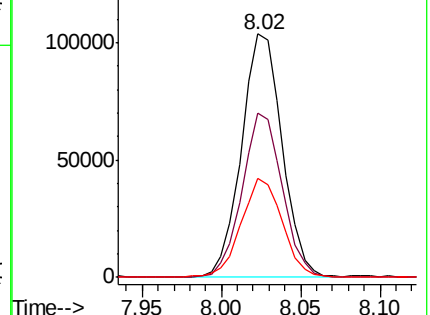
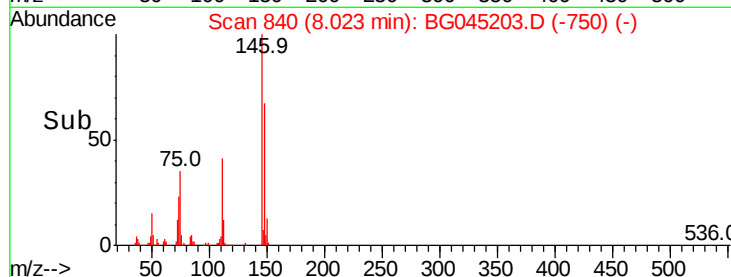
111 40.7 33.8 50.8



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: 41.216 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

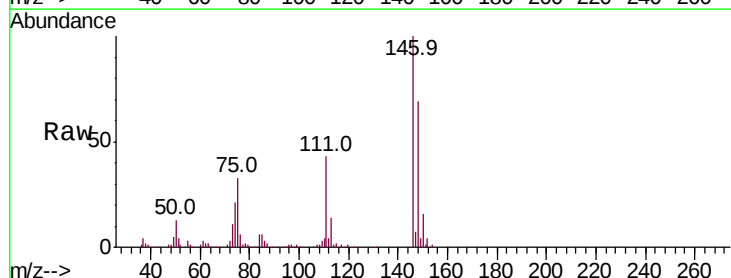
Tgt Ion:146 Resp: 175428

Ion Ratio Lower Upper

146 100

148 68.8 51.9 77.9

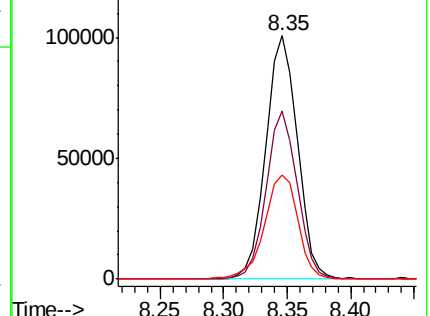
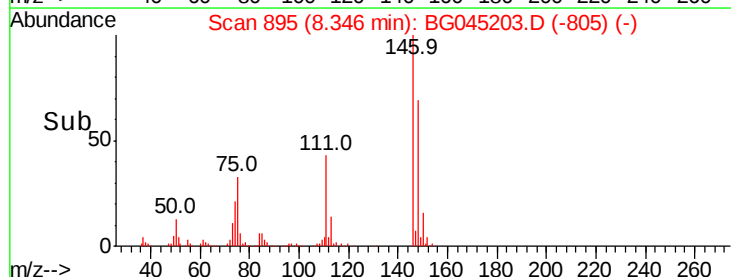
111 43.0 31.3 46.9

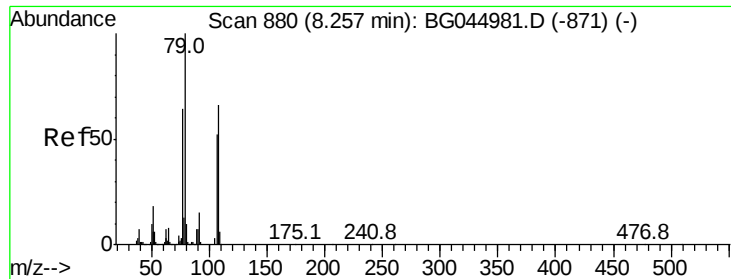


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.202 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

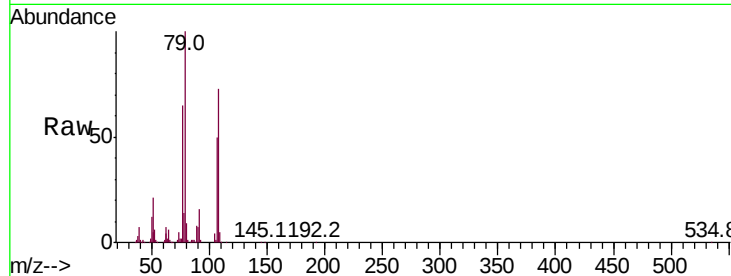
Tot Ion: 79 Resp: 172163

Ion Ratio Lower Upper

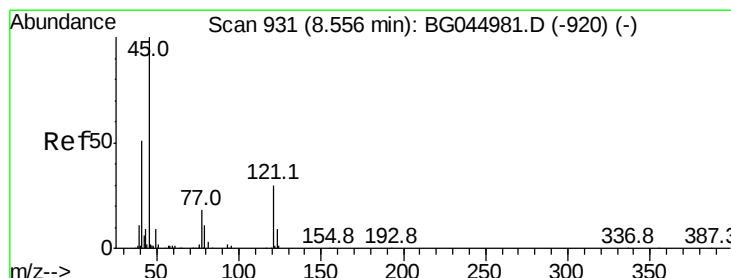
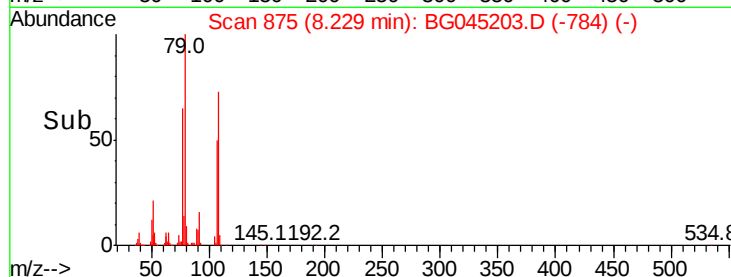
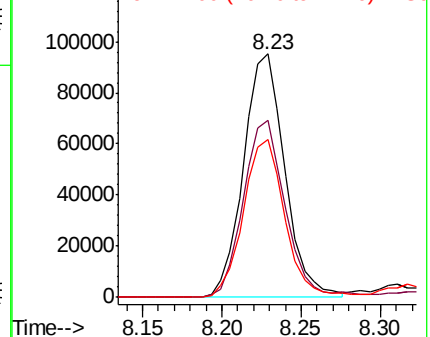
79 100

108 72.8 52.7 79.1

77 64.9 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.603 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

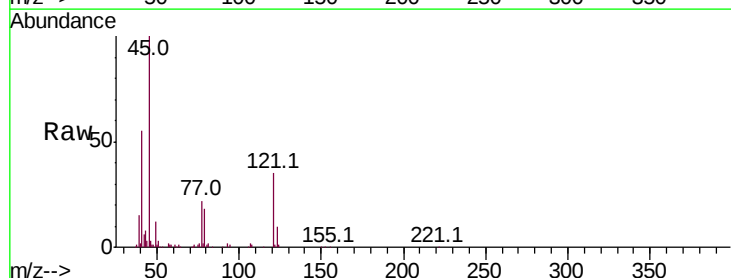
Tgt Ion: 45 Resp: 149950

Ion Ratio Lower Upper

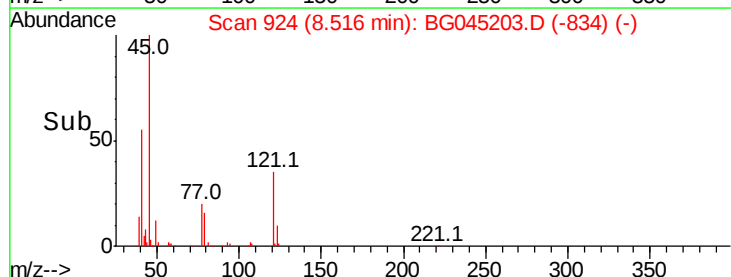
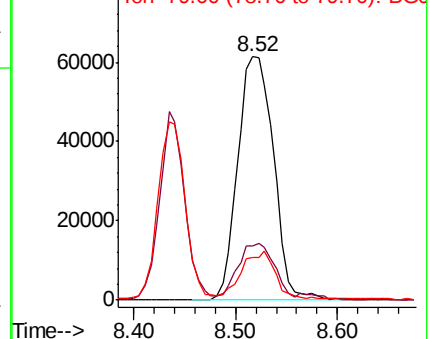
45 100

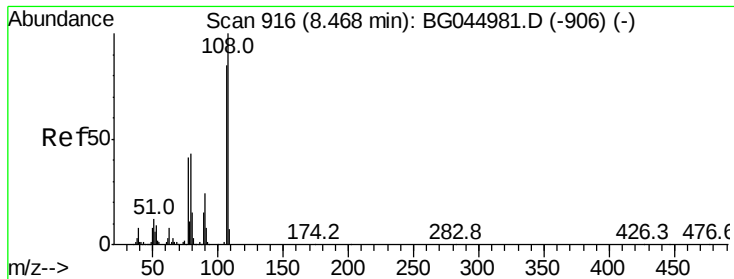
77 22.0 1.9 41.9

79 17.6 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.484 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:107 Resp: 159680

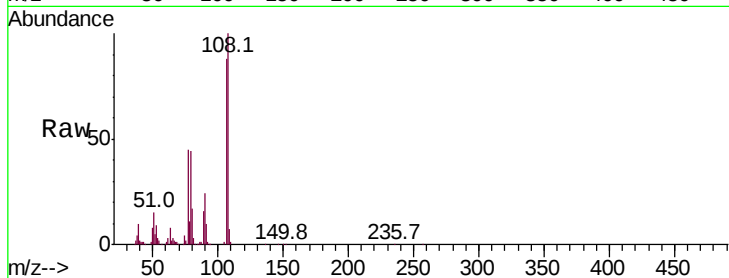
Ion Ratio Lower Upper

107 100

108 113.9 93.8 140.6

77 51.1 38.5 57.7

79 50.3 40.1 60.1

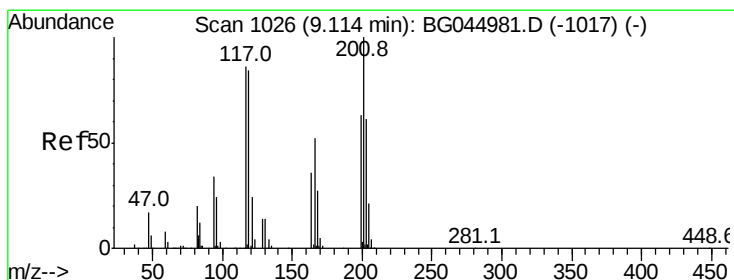
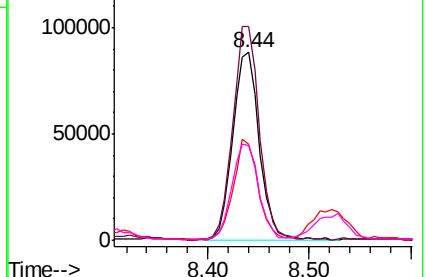
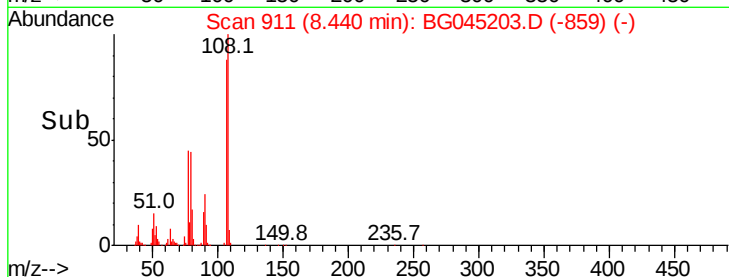


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.767 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

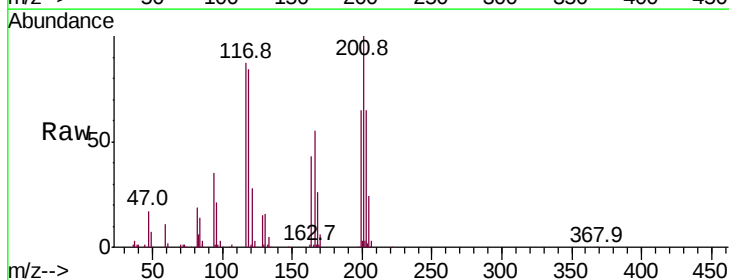
Tgt Ion:117 Resp: 71528

Ion Ratio Lower Upper

117 100

119 97.0 78.3 117.5

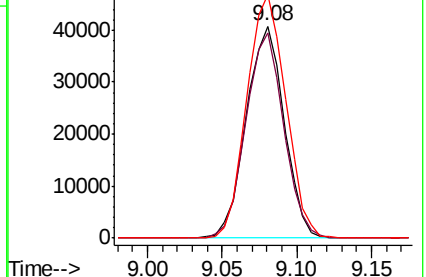
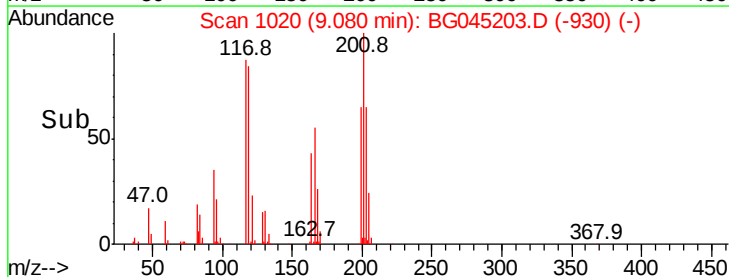
201 114.8 92.9 139.3

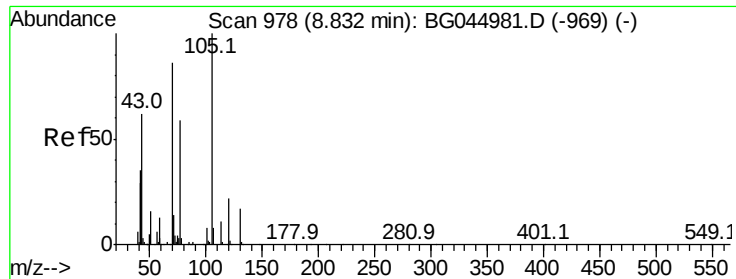


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

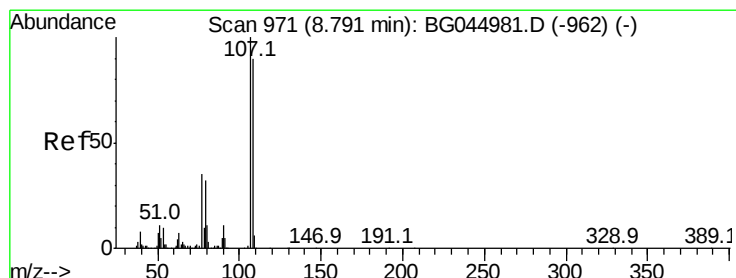
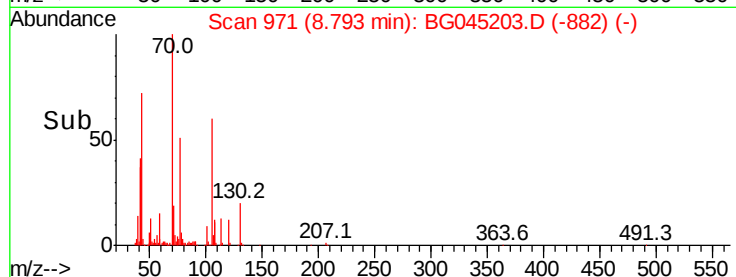
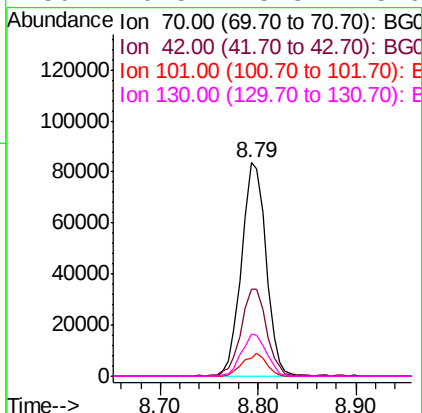
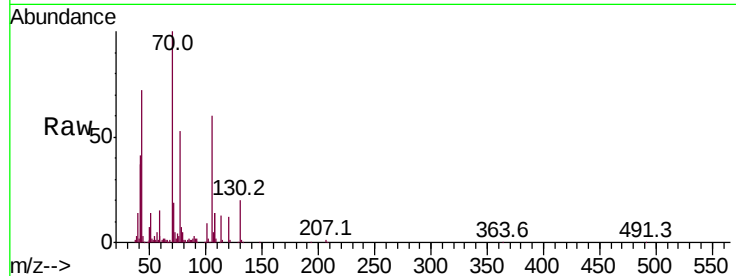




#19
n-Nitroso-di-n-propylamine
Concen: 39.535 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

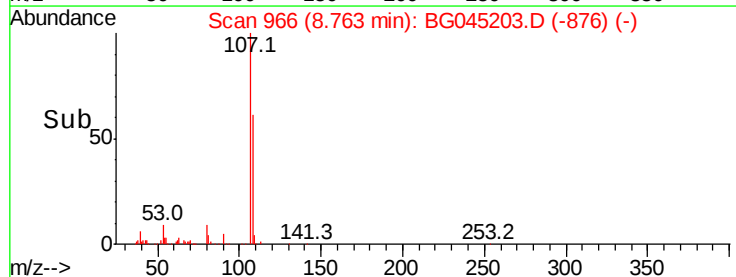
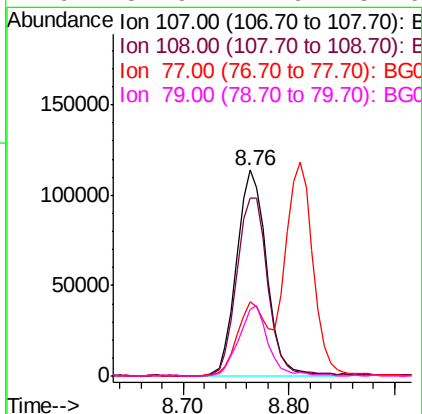
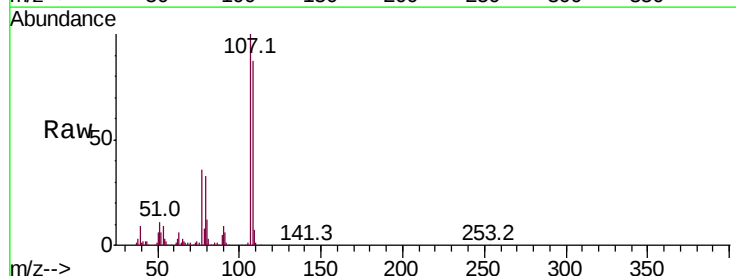
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

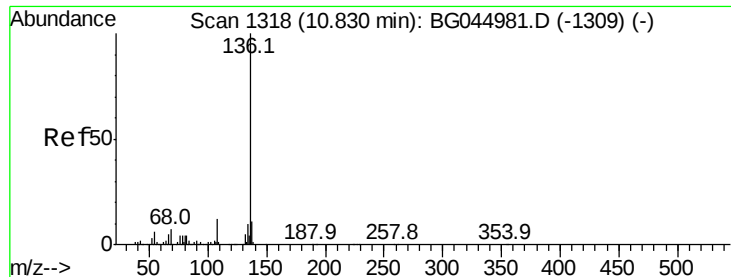
Tot Ion:	70	Resp:	146454
Ion	Ratio	Lower	Upper
70	100		
42	41.0	33.3	49.9
101	8.7	7.8	11.8
130	19.5	15.8	23.6



#20
3+4-Methylphenols
Concen: 39.673 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:	107	Resp:	224578
Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.9	109.9
77	36.4	15.2	55.2
79	32.6	11.6	51.6

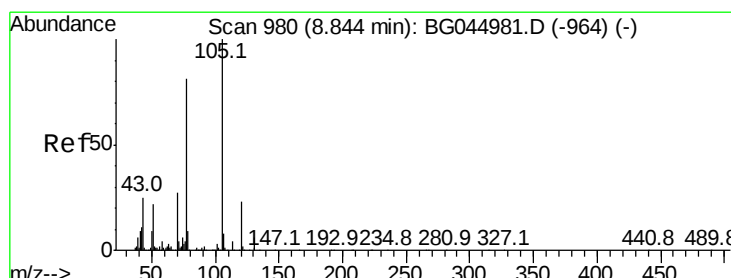
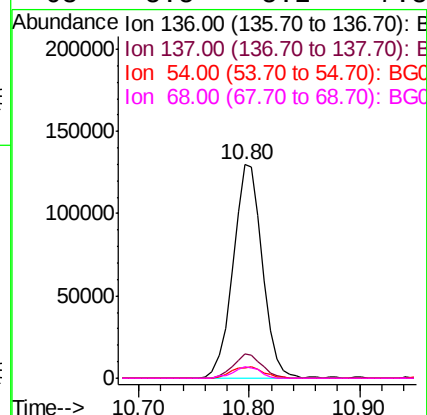
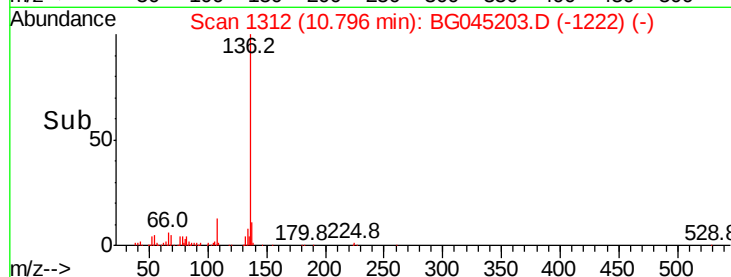
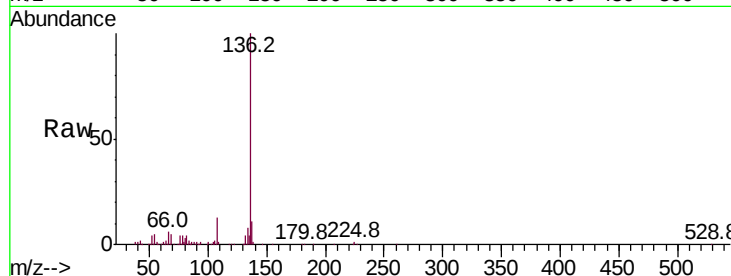




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

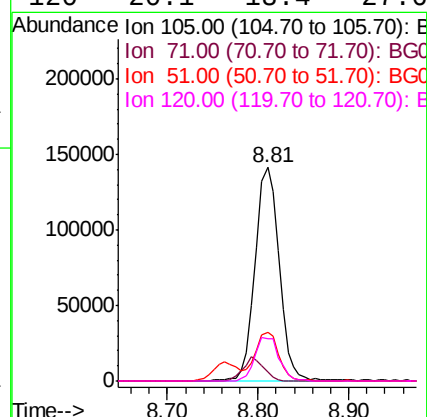
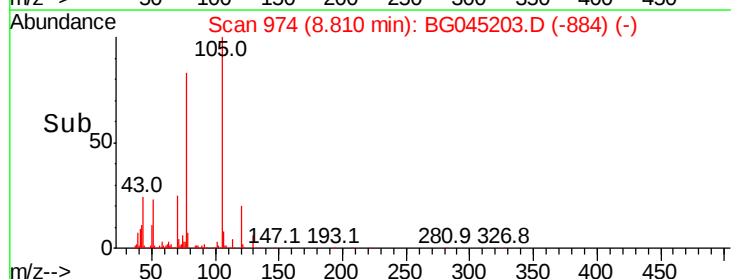
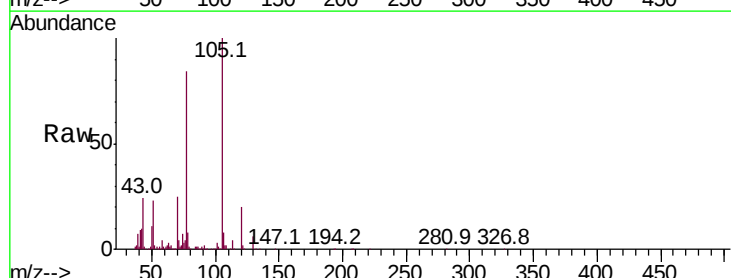
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

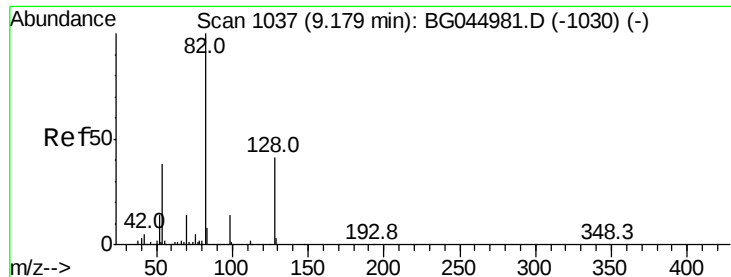
Tot Ion:136	Resp:	240595
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	4.9	4.8 7.2
68	5.5	5.2 7.8



#22
Acetophenone
Concen: 40.271 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:105	Resp:	262013
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.3 4.9
51	22.9	17.3 25.9
120	20.1	18.4 27.6

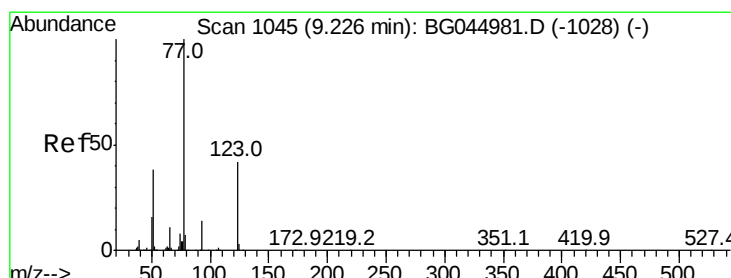
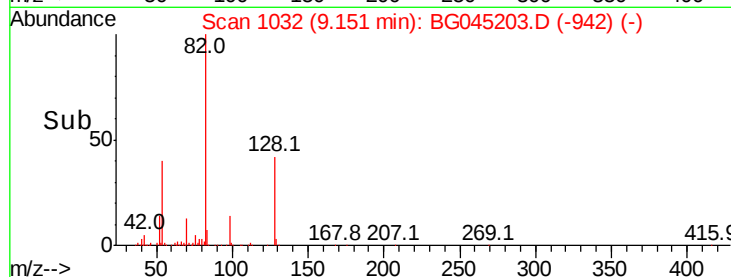
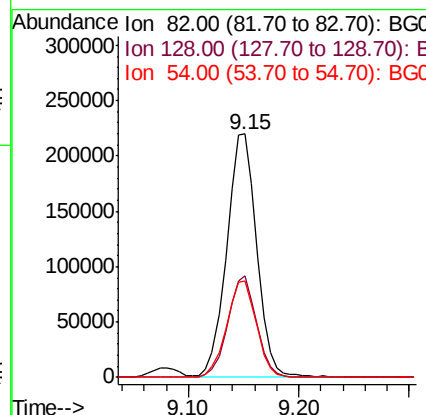
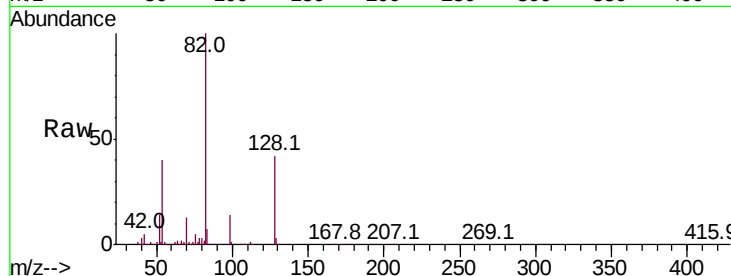




#23
 Nitrobenzene-d5
 Concen: 78.592 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

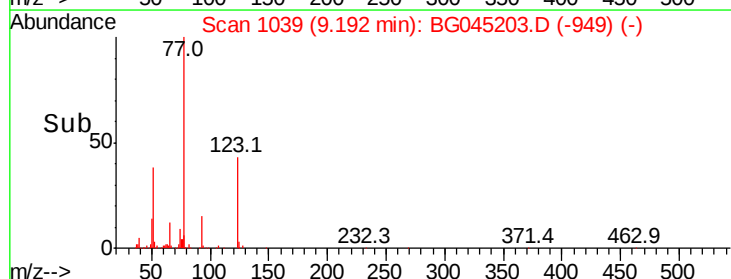
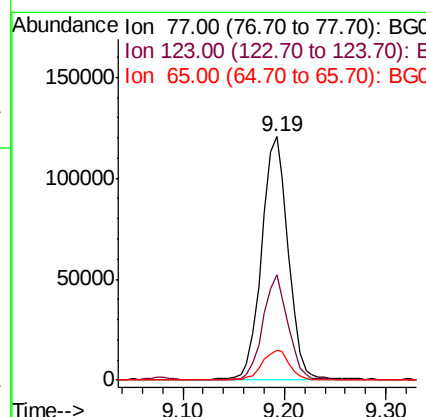
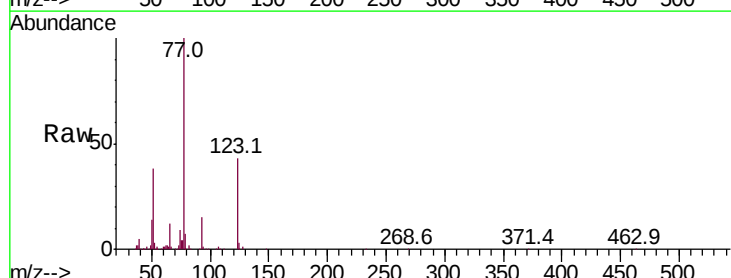
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

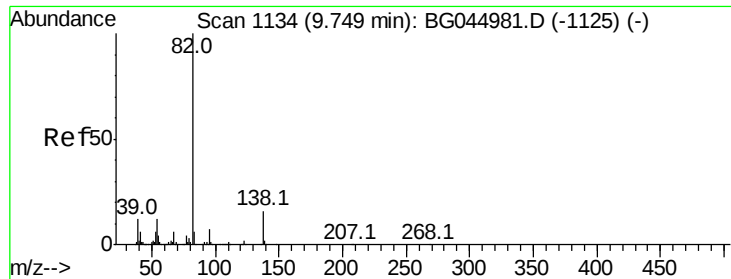
Tot Ion	82	Resp	414407
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	39.8	30.4	45.6



#24
 Nitrobenzene
 Concen: 40.258 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	77	Resp	217592
Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.3	51.5
65	12.0	8.9	13.3

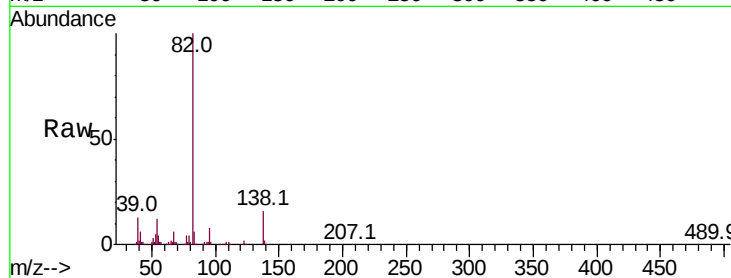




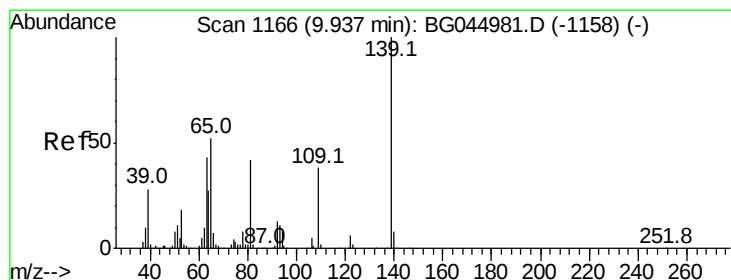
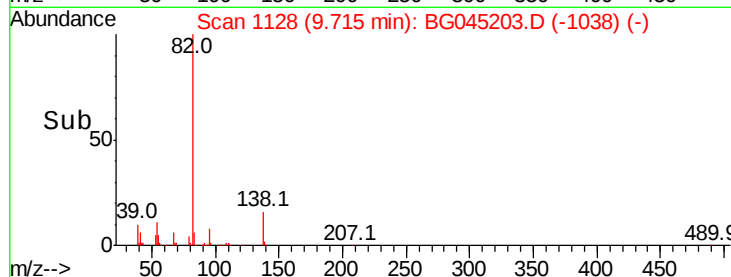
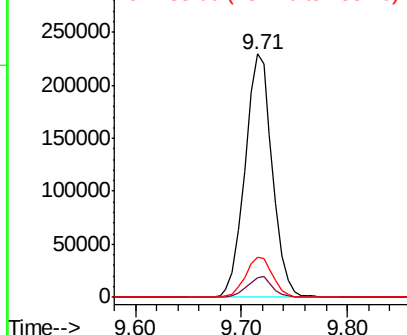
#25
Isophorone
Concen: 38.094 ng
RT: 9.71 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion: 82 Resp: 411338
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 16.2 12.7 19.1

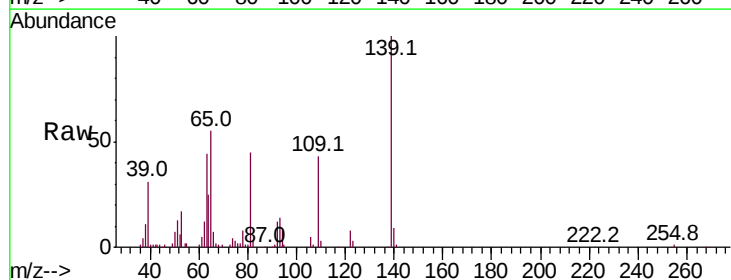


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

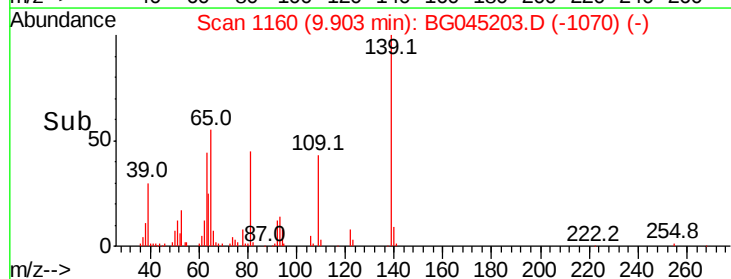
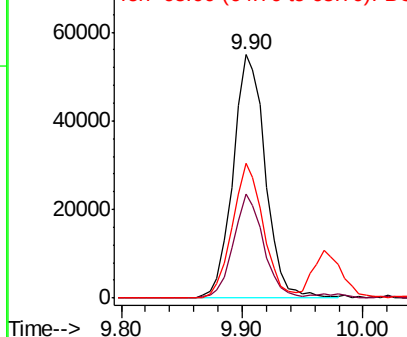


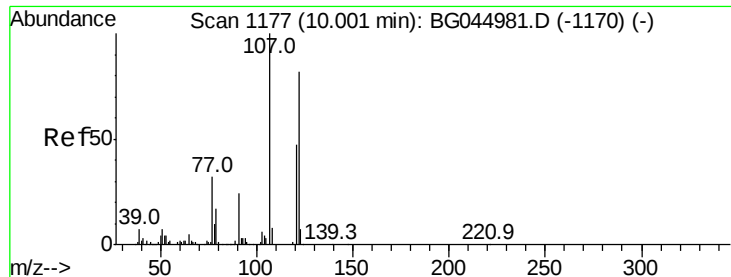
#26
2-Nitrophenol
Concen: 43.954 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion: 139 Resp: 102331
Ion Ratio Lower Upper
139 100
109 42.8 30.6 45.8
65 55.1 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

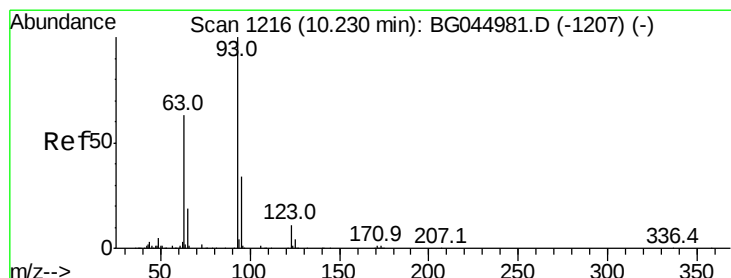
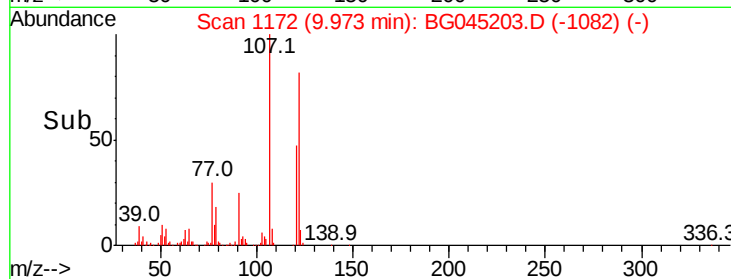
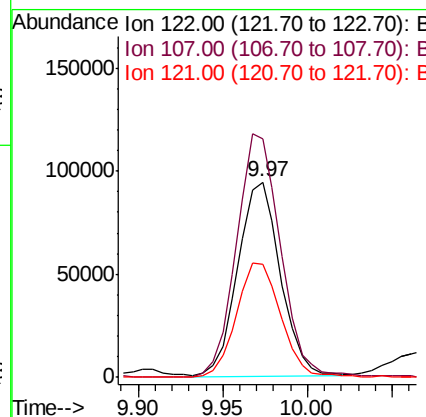
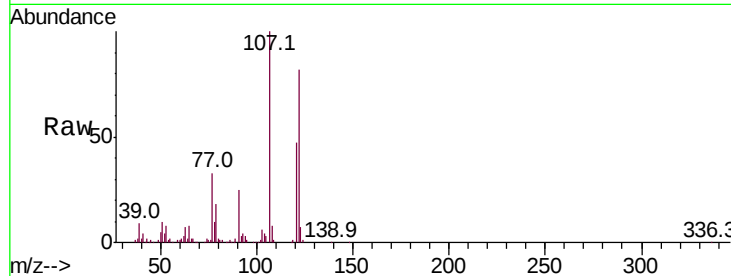




#27
2,4-Dimethylphenol
Concen: 45.057 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

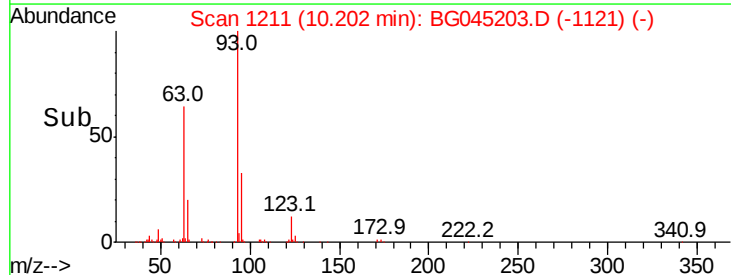
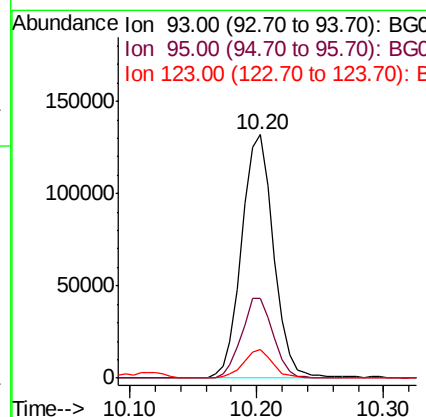
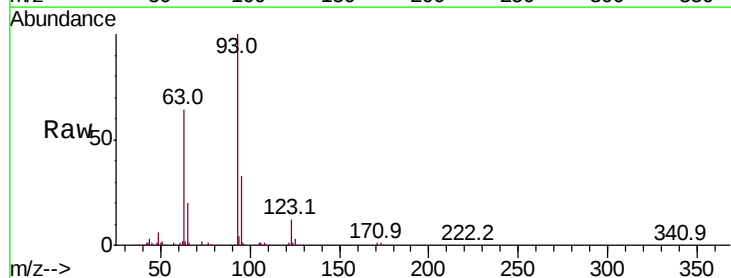
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

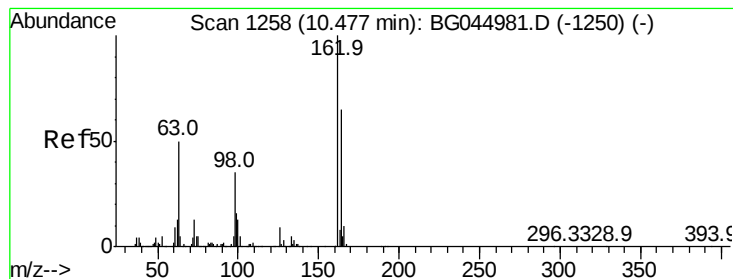
Tot Ion:122 Resp: 166444
Ion Ratio Lower Upper
122 100
107 121.8 96.8 145.2
121 57.5 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.575 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion: 93 Resp: 230202
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.4
123 12.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 45.243 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

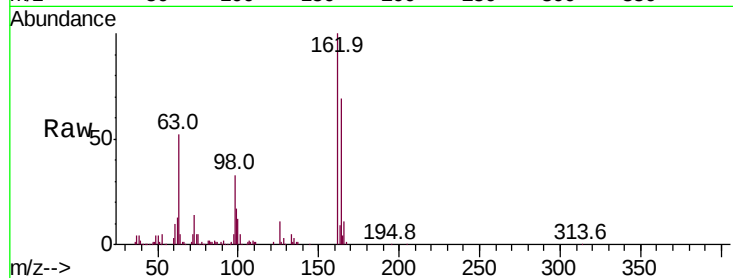
Tot Ion:162 Resp: 192986

Ion Ratio Lower Upper

162 100

164 69.4 45.0 85.0

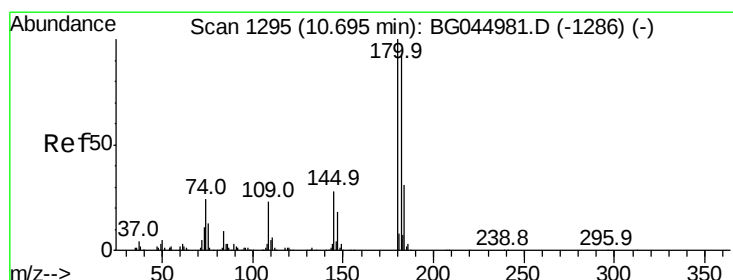
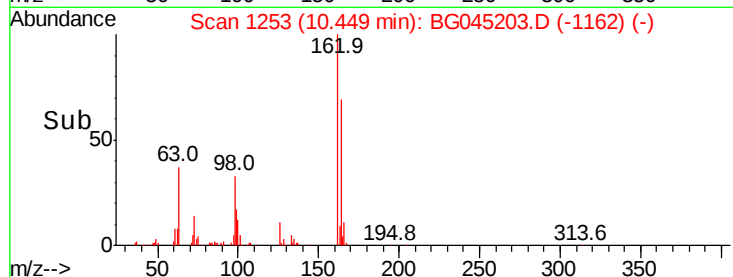
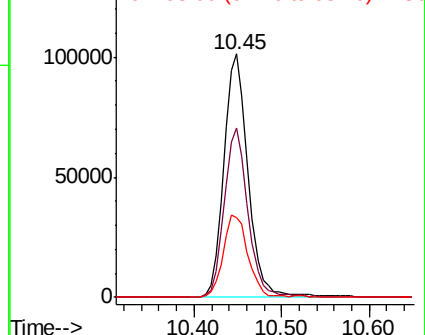
98 32.7 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.137 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

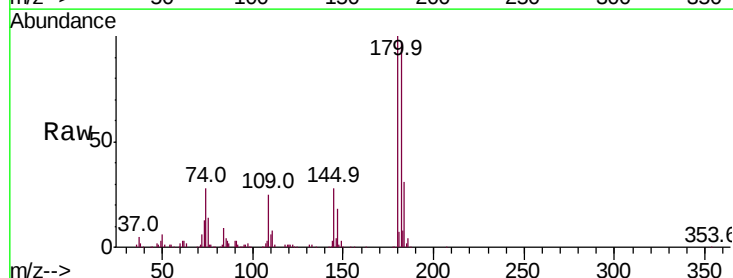
Tgt Ion:180 Resp: 203497

Ion Ratio Lower Upper

180 100

182 97.4 73.3 109.9

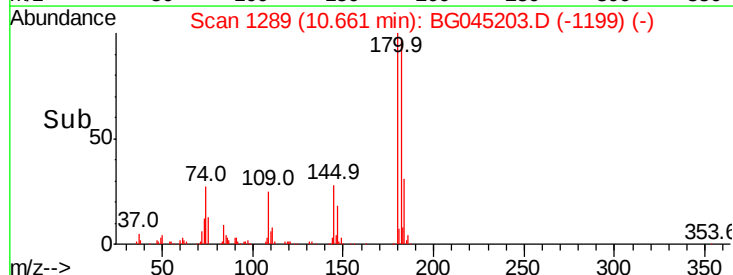
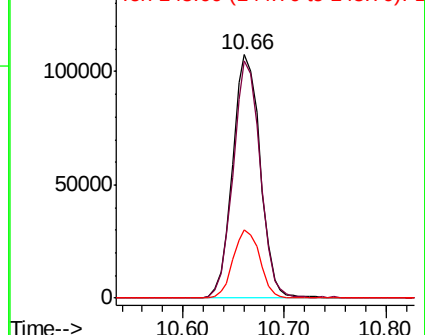
145 28.2 22.6 33.8

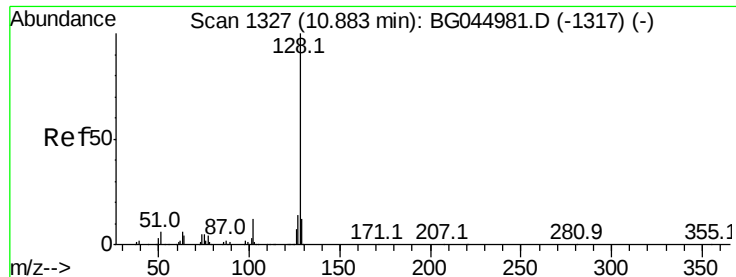


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

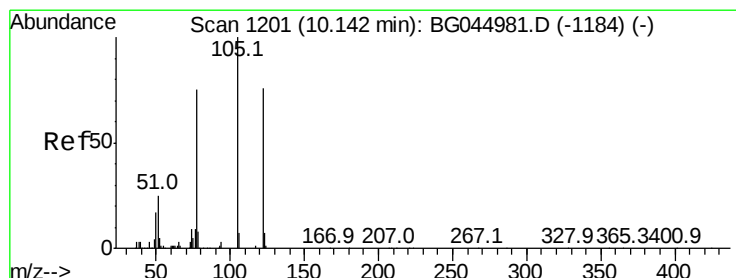
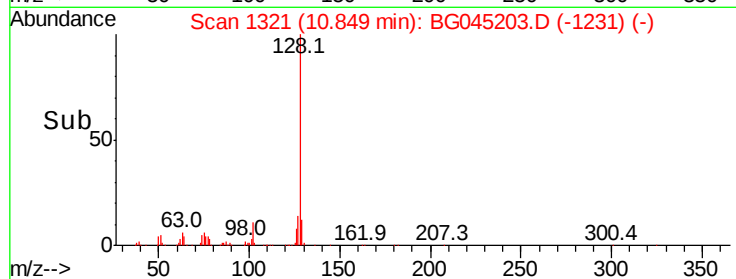
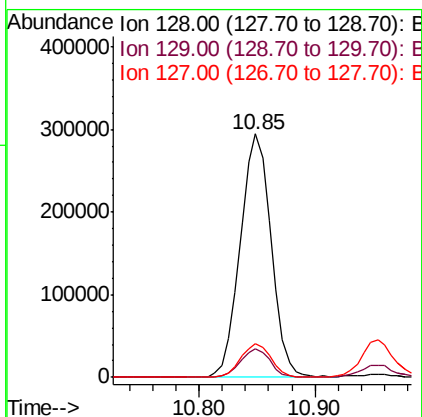
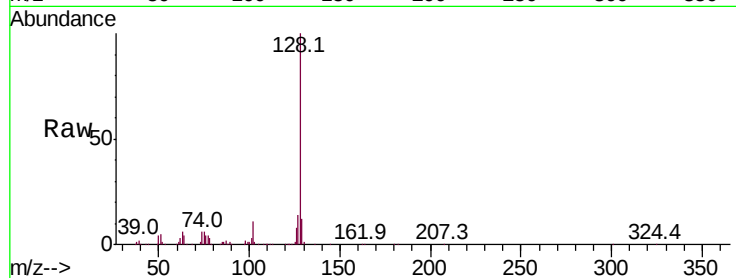




#31
Naphthalene
Concen: 41.534 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

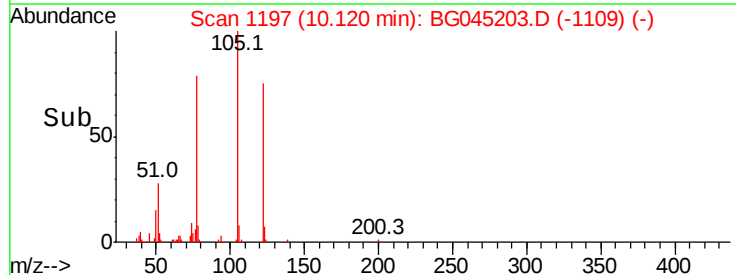
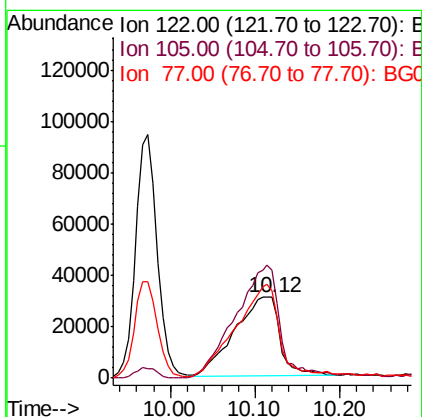
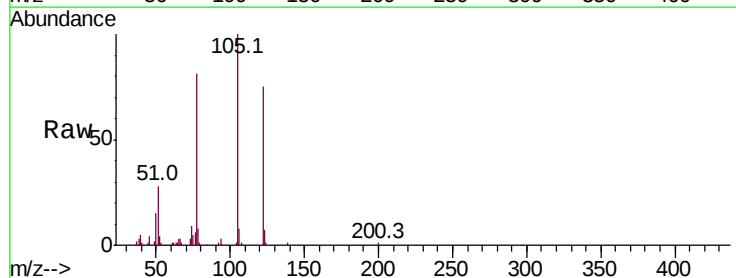
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

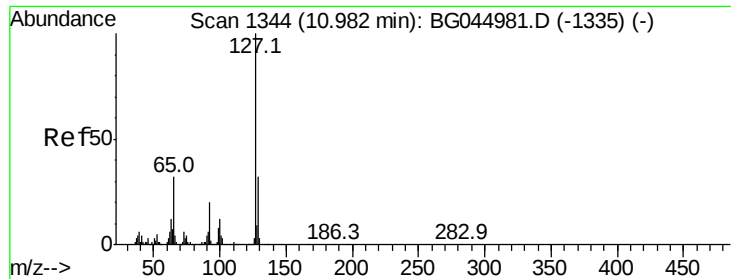
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 39.996 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.0	108.4	148.4
77	108.0	78.8	118.8

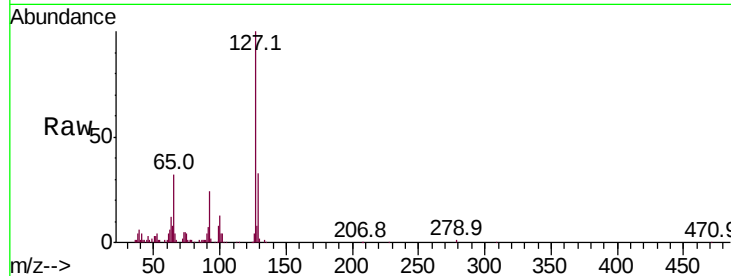




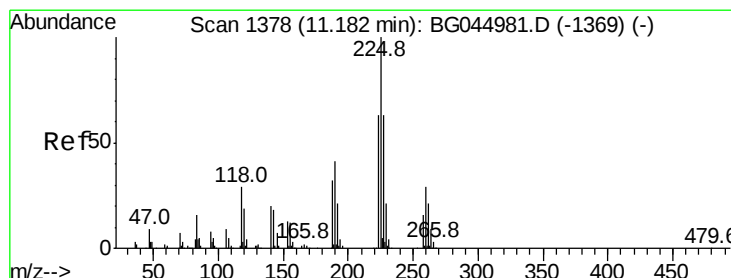
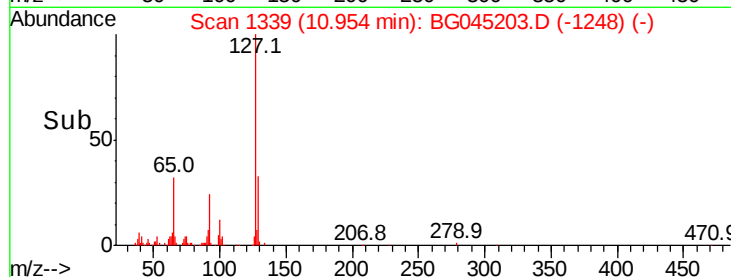
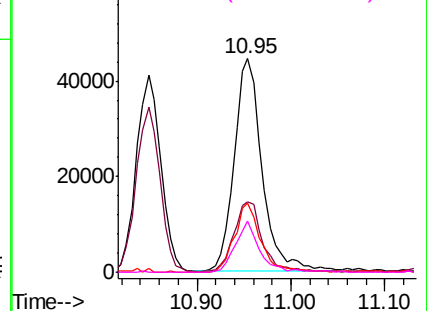
#33
4-Chloroaniline
Concen: 15.009 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion:127 Resp: 92125
Ion Ratio Lower Upper
127 100
129 33.2 25.7 38.5
65 32.3 25.4 38.2
92 23.9 16.1 24.1

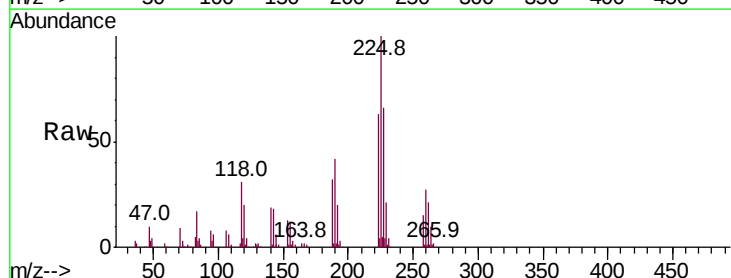


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

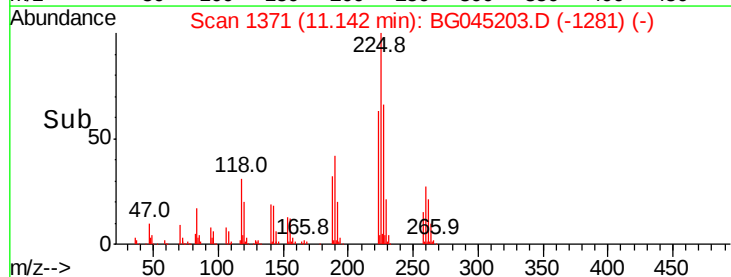
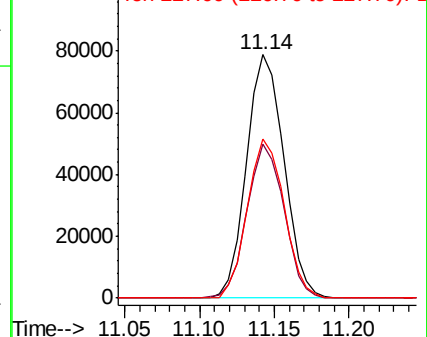


#34
Hexachlorobutadiene
Concen: 41.311 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:225 Resp: 136789
Ion Ratio Lower Upper
225 100
223 63.4 50.7 76.1
227 65.6 50.2 75.2



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





#35

Caprolactam

Concen: 25.836 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

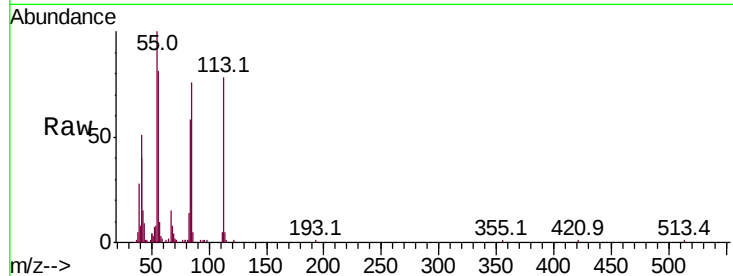
Tot Ion:113 Resp: 43861

Ion Ratio Lower Upper

113 100

55 128.3 118.8 158.8

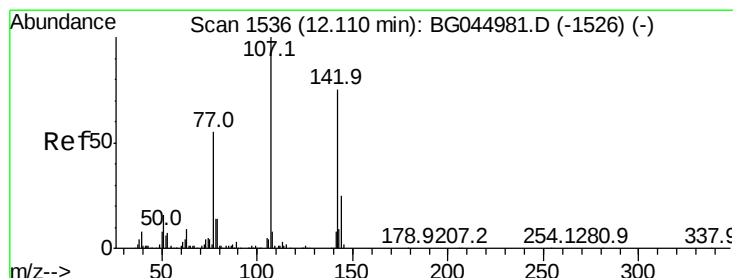
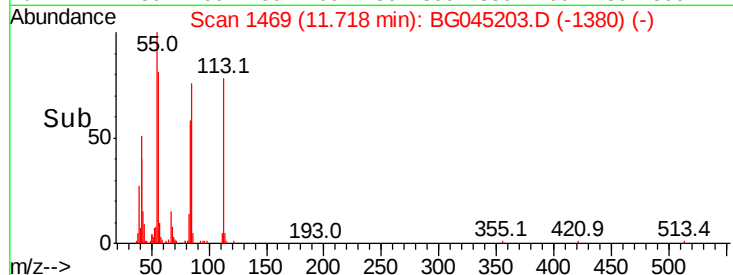
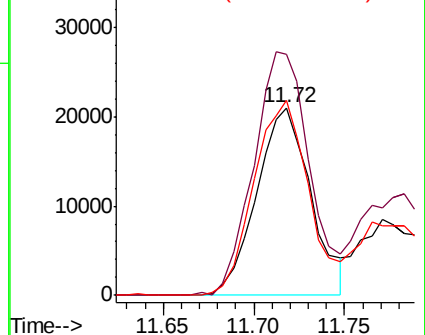
56 103.9 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.776 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

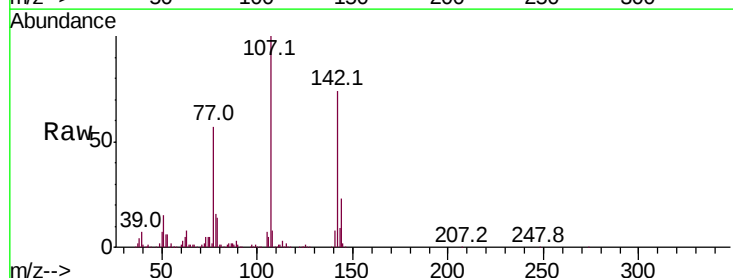
Tgt Ion:107 Resp: 224367

Ion Ratio Lower Upper

107 100

144 23.4 19.8 29.6

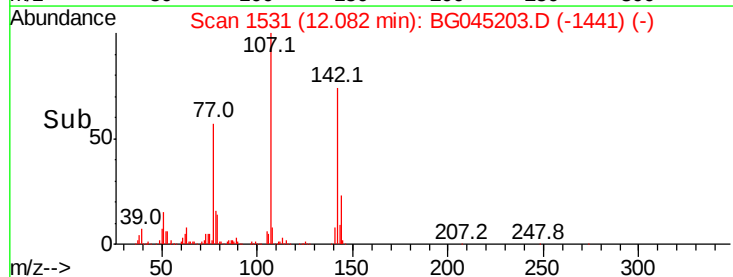
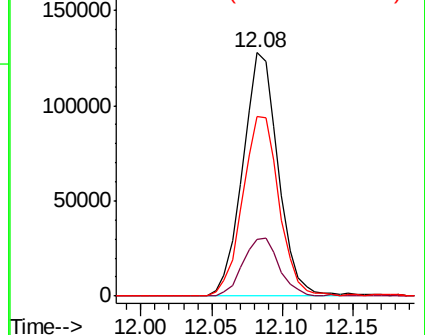
142 73.9 59.7 89.5

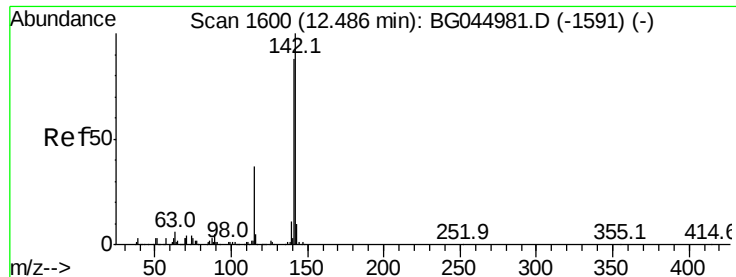


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

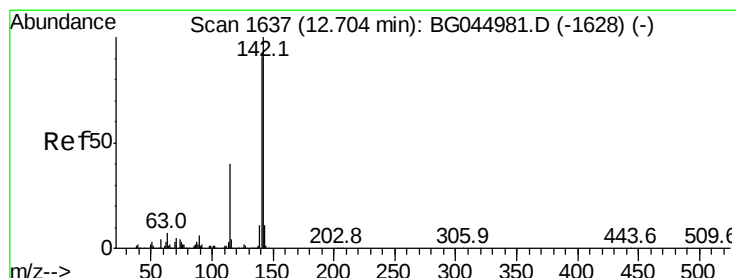
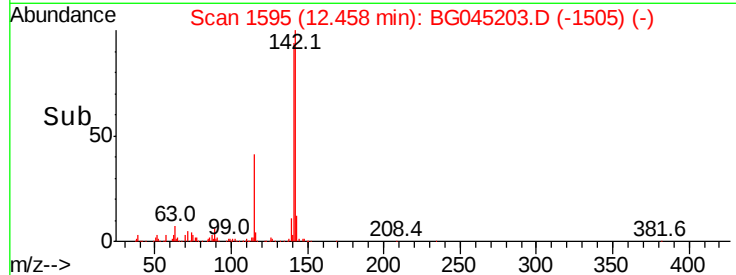
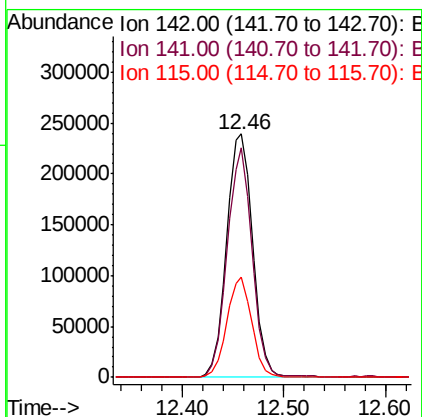
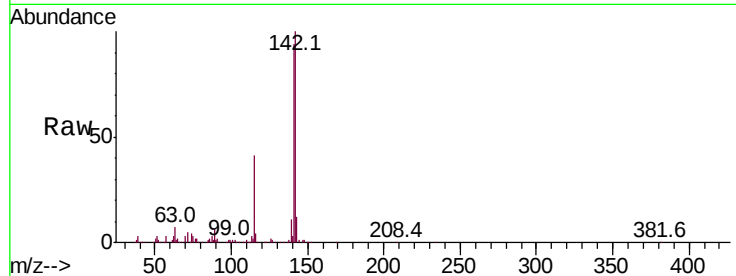




#37
2-Methylnaphthalene
Concen: 41.700 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

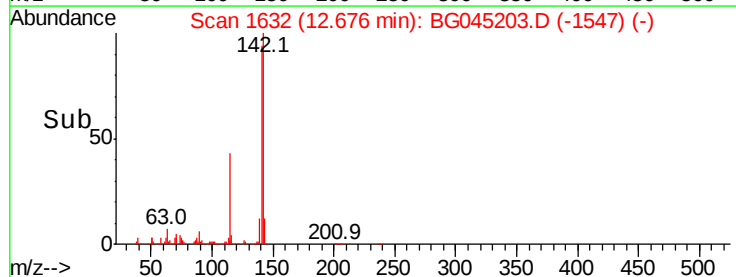
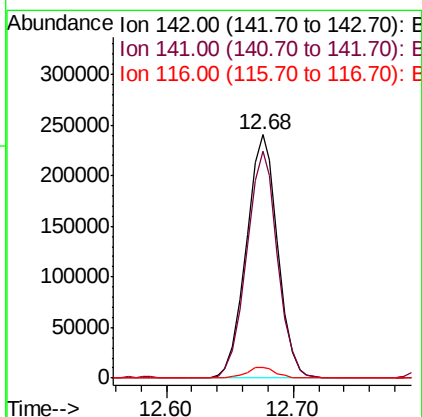
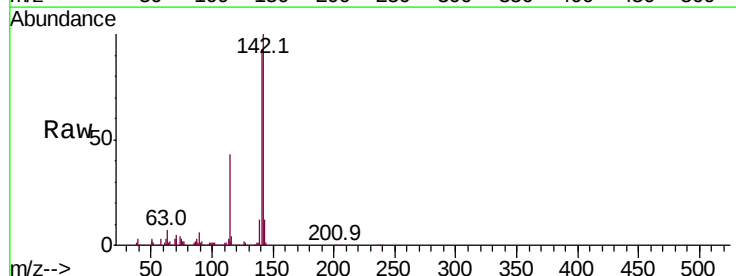
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

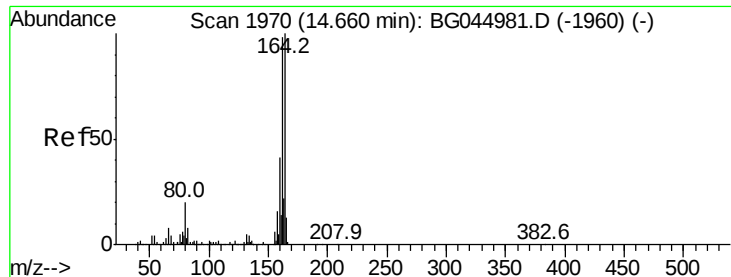
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.3	105.5
115	41.1	29.8	44.6



#38
1-Methylnaphthalene
Concen: 42.664 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.7	109.1
116	4.4	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: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

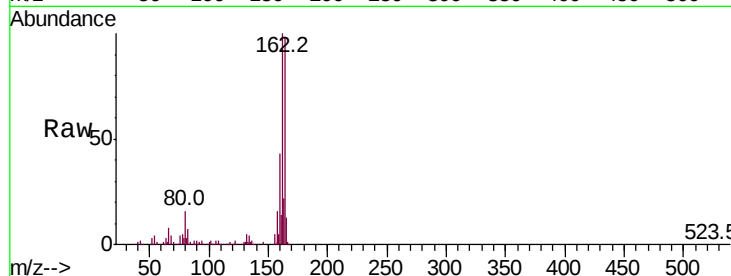
Tot Ion:164 Resp: 180490

Ion Ratio Lower Upper

164 100

162 101.6 78.7 118.1

160 43.8 32.8 49.2

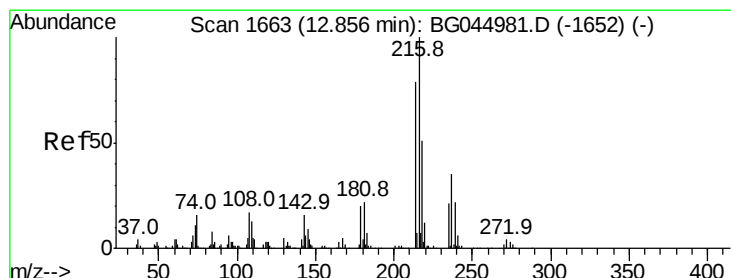
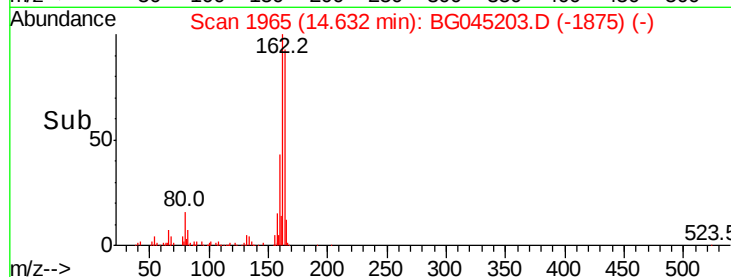
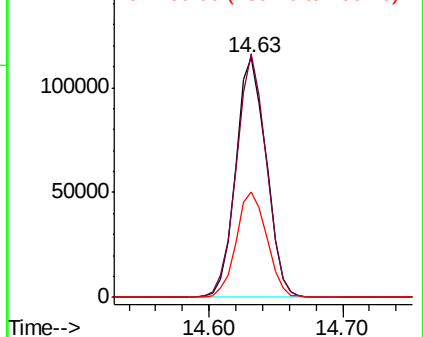


Abundance

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: 40.517 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:216 Resp: 235458

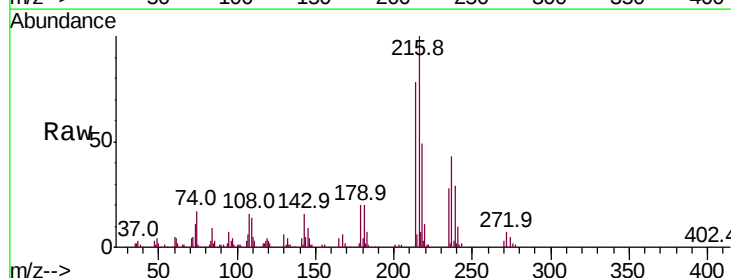
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 20.3 15.8 23.8

108 19.4 14.2 21.2



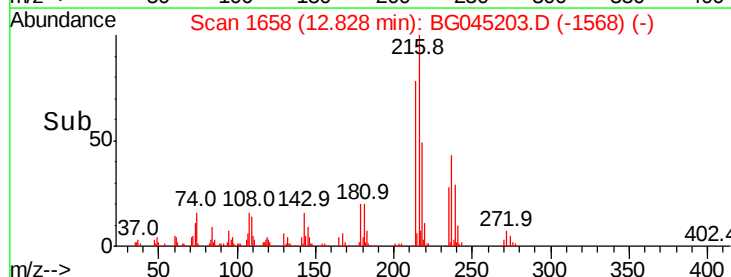
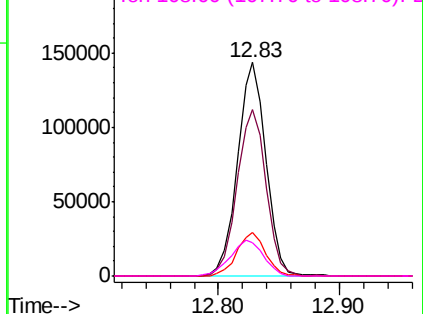
Abundance

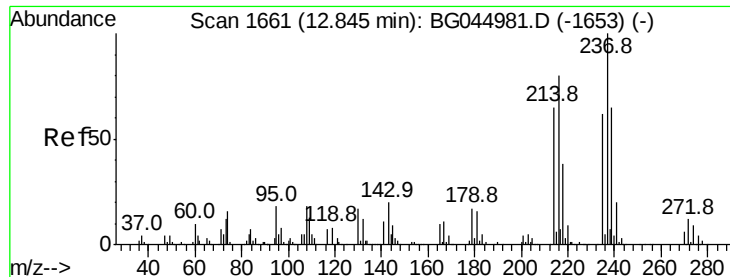
Ion 216.00 (215.70 to 216.70): E

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: 87.474 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

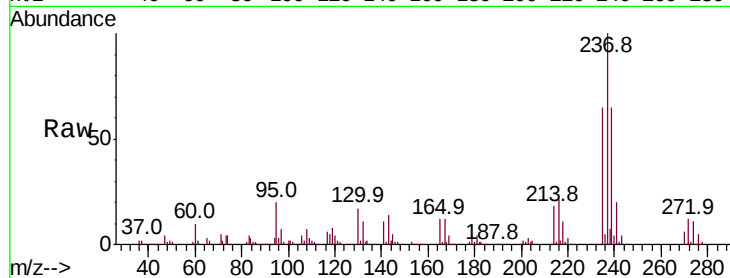
Tot Ion:237 Resp: 317718

Ion Ratio Lower Upper

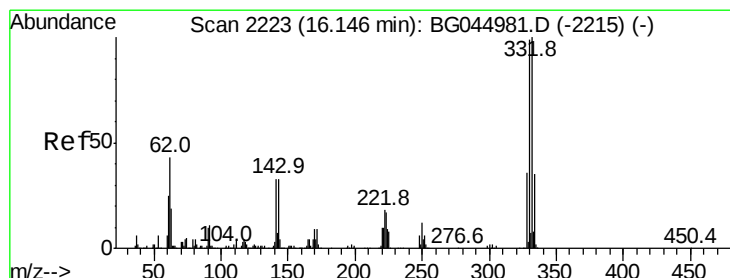
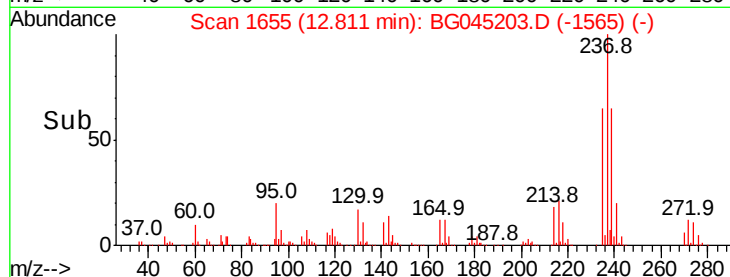
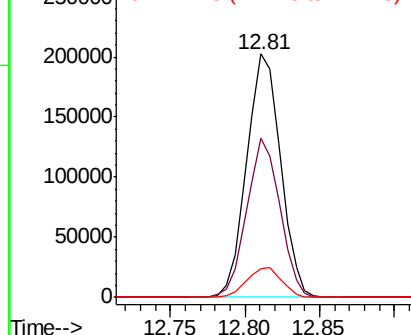
237 100

235 65.1 41.6 81.6

272 11.9 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: 89.771 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

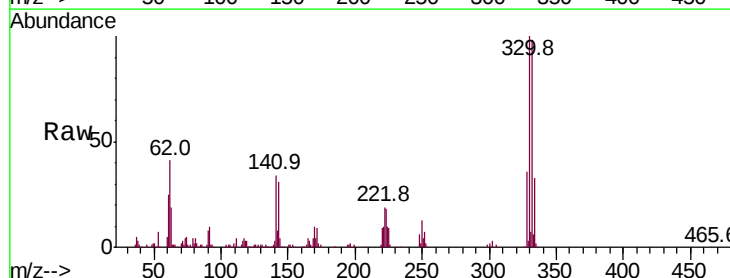
Tgt Ion:330 Resp: 250312

Ion Ratio Lower Upper

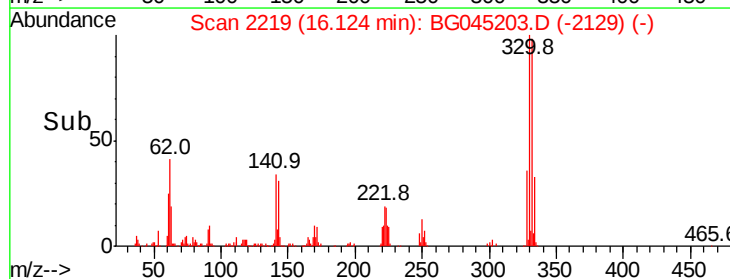
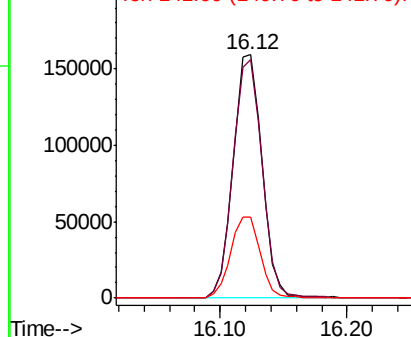
330 100

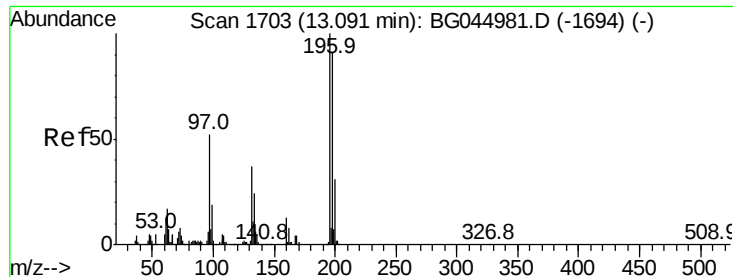
332 98.5 79.1 118.7

141 34.3 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

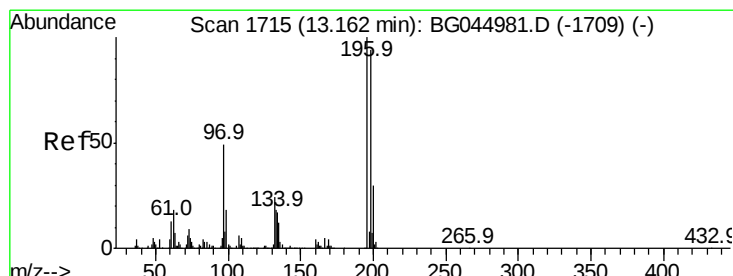
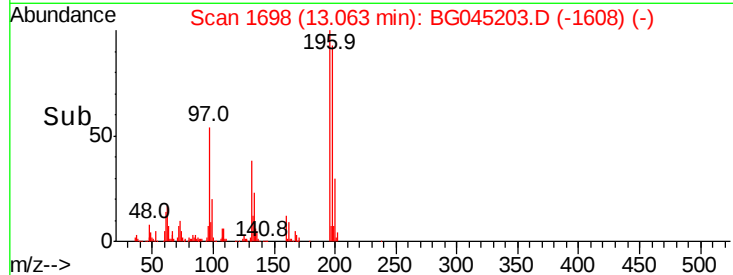
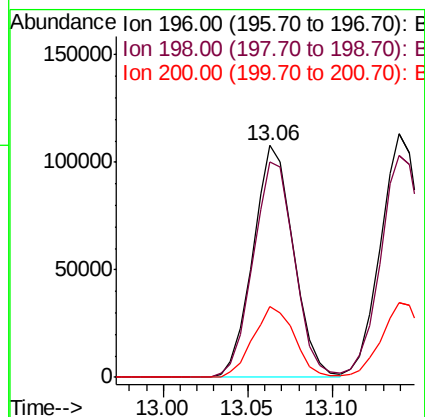
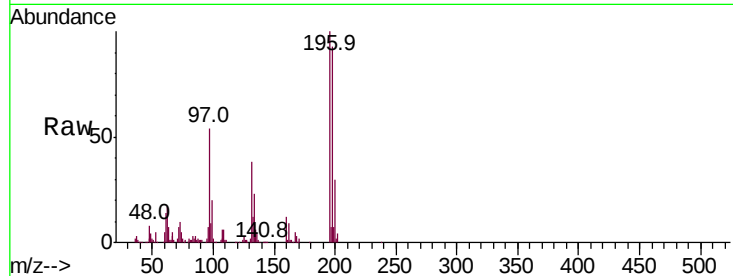




#43
 2,4,6-Trichlorophenol
 Concen: 43.914 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

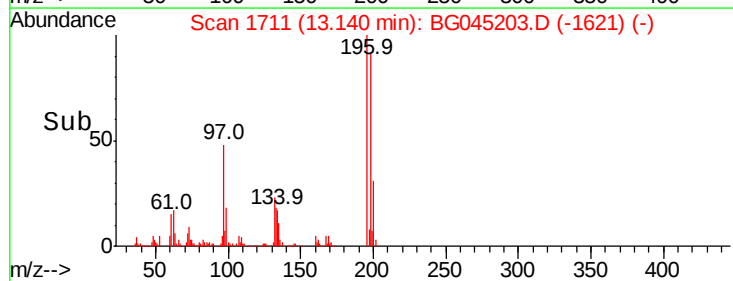
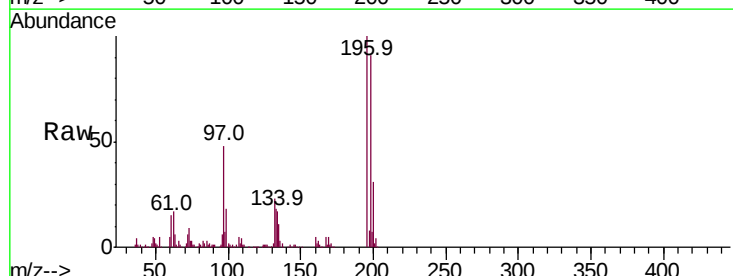
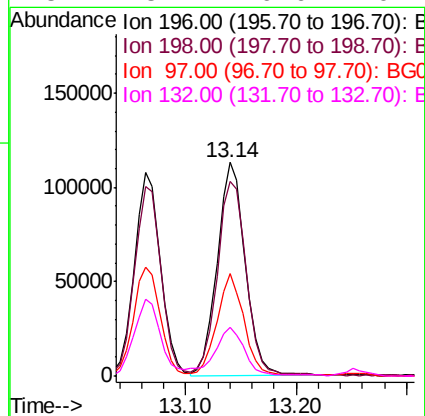
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

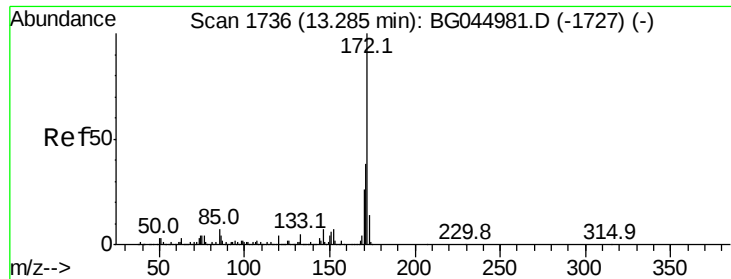
Tot Ion:	196	Resp:	180107
Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.5	108.7
200	30.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.655 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion:	196	Resp:	199133
Ion	Ratio	Lower	Upper
196	100		
198	91.3	75.7	113.5
97	47.7	39.6	59.4
132	23.1	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 82.210 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

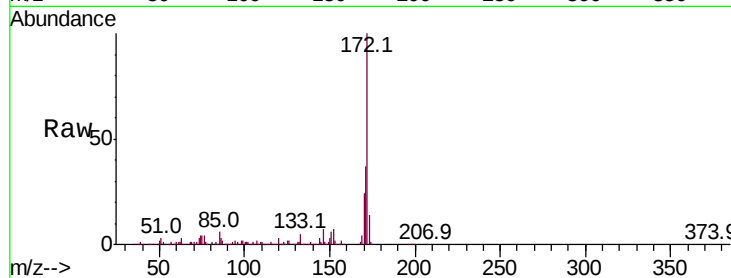
BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:172 Resp: 1011928

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.8	20.5	30.7

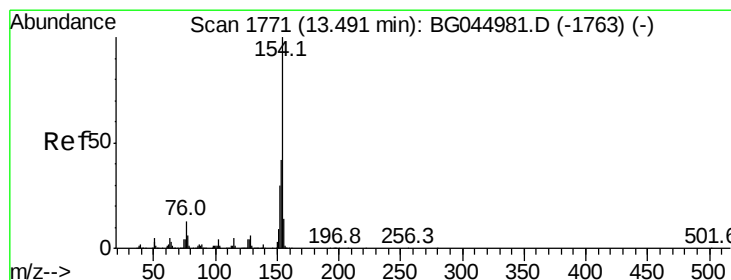
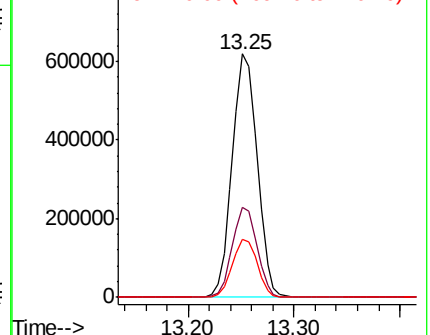
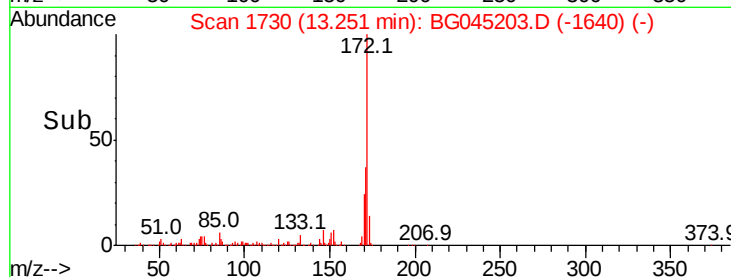


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.576 ng

RT: 13.46 min Scan# 1766

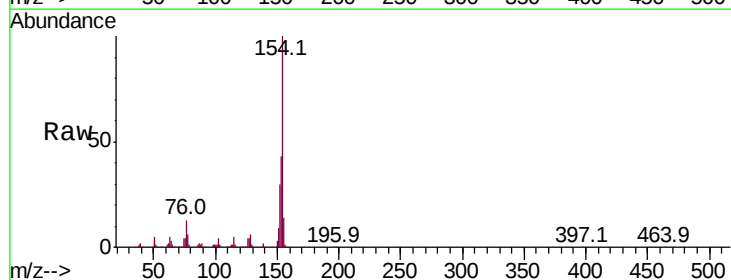
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:154 Resp: 556636

Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.9	61.9
76	12.6	0.0	33.1

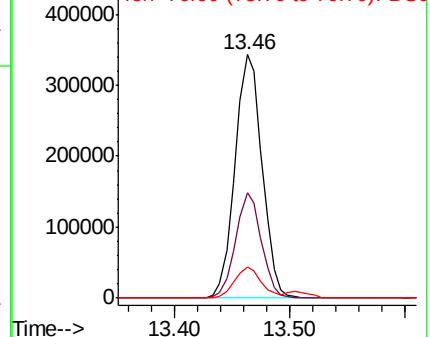
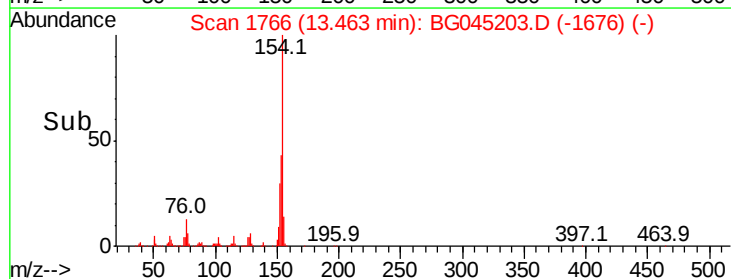


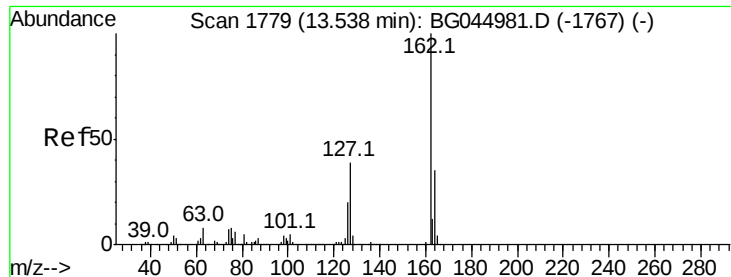
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

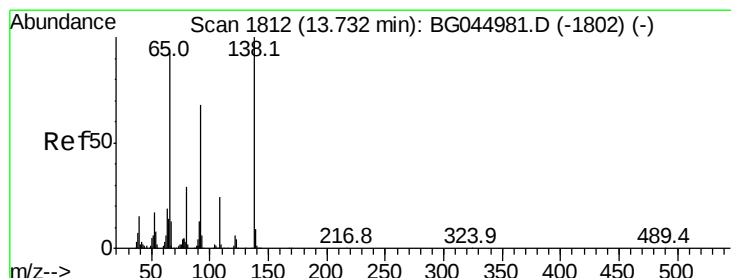
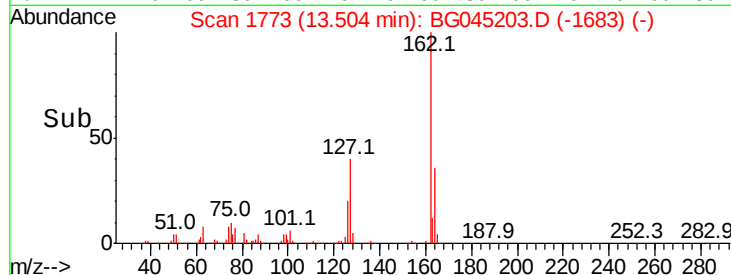
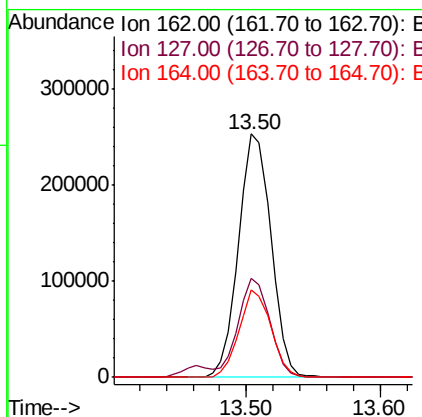
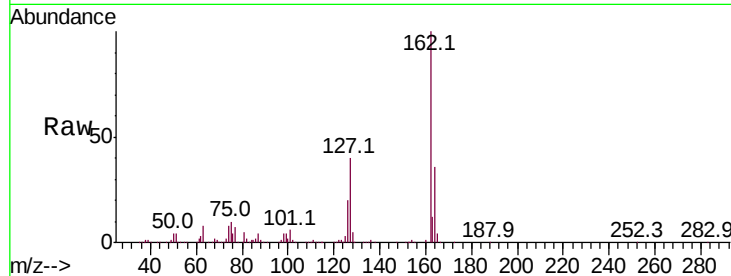




#47
 2-Chloronaphthalene
 Concen: 40.879 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

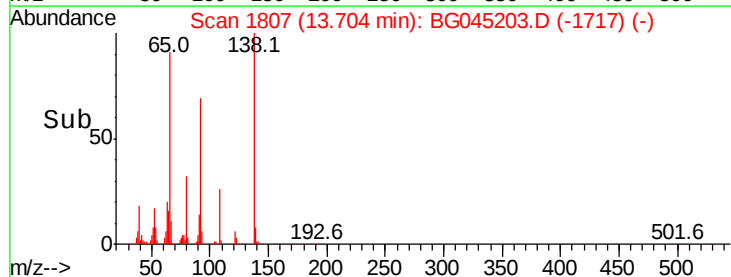
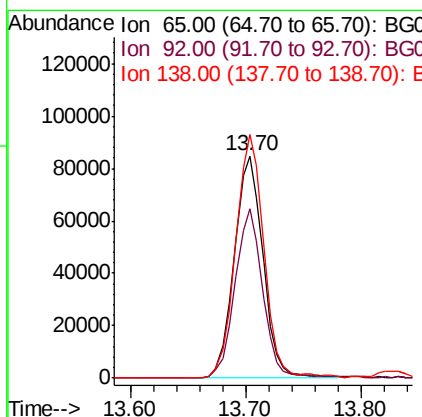
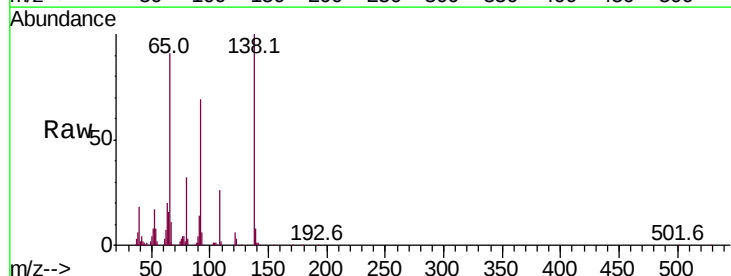
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

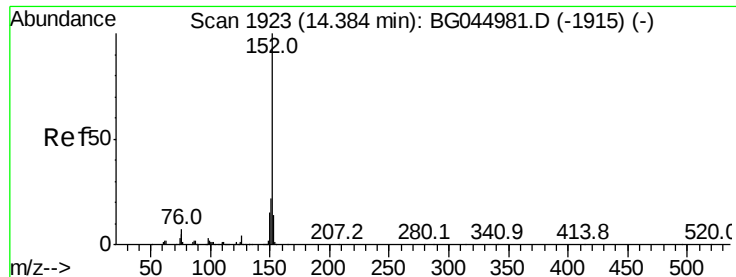
Tot Ion:162 Resp: 428512
 Ion Ratio Lower Upper
 162 100
 127 40.5 31.3 46.9
 164 35.8 27.8 41.8



#48
 2-Nitroaniline
 Concen: 42.326 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion: 65 Resp: 145977
 Ion Ratio Lower Upper
 65 100
 92 76.2 58.3 87.5
 138 109.7 85.6 128.4





#49

Acenaphthylene

Concen: 42.742 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

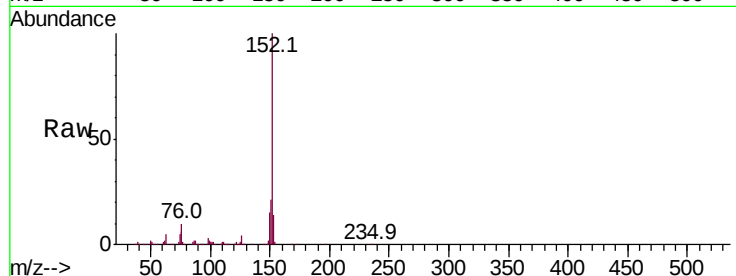
Tot Ion:152 Resp: 729783

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

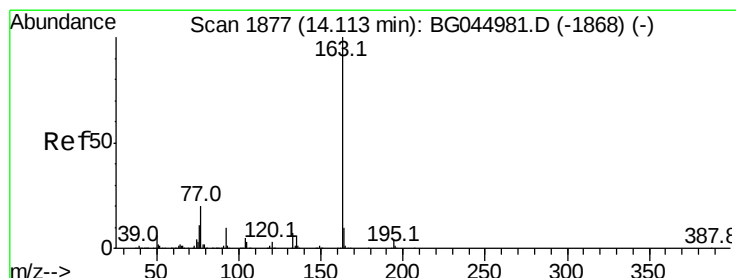
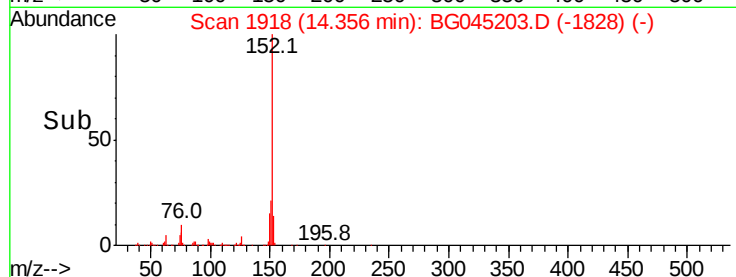
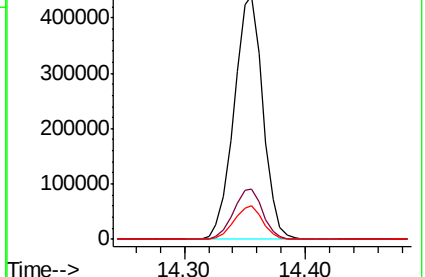
153 13.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.049 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

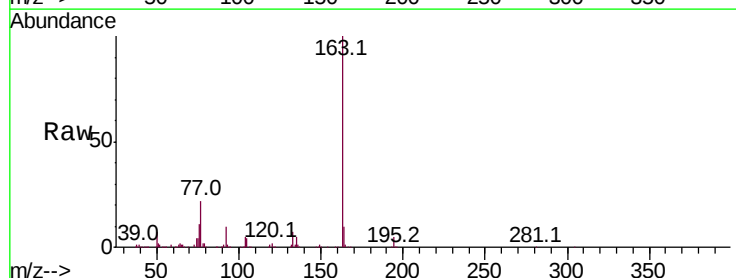
Tgt Ion:163 Resp: 617969

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

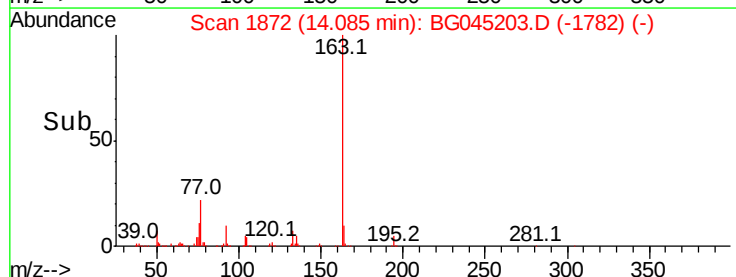
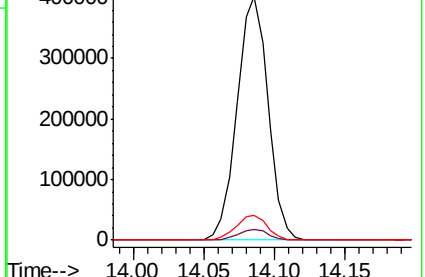
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

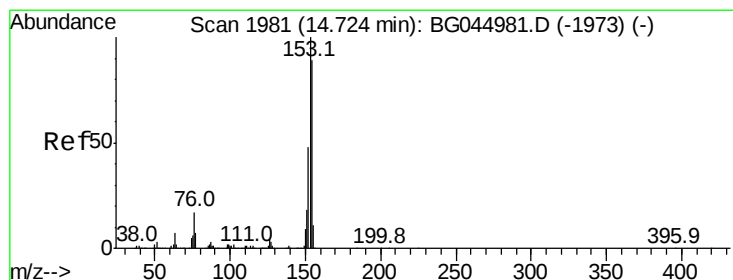
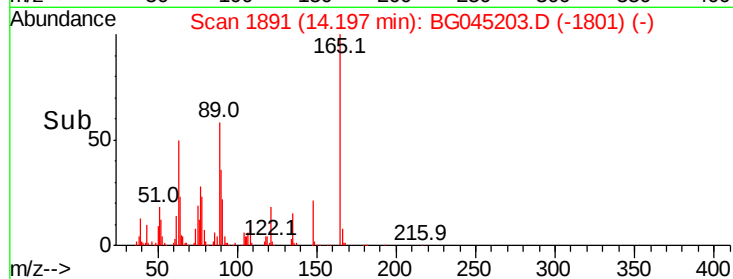
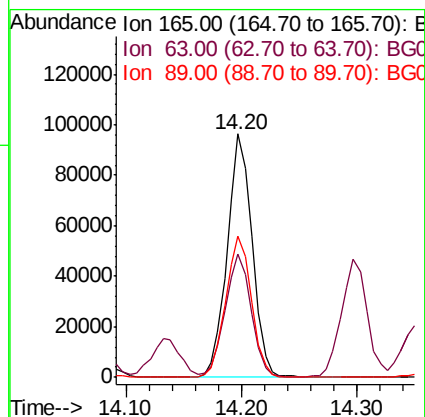
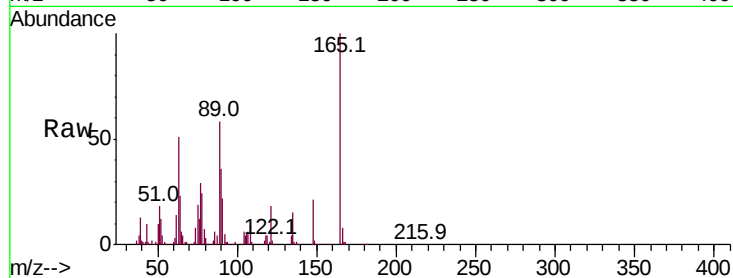




#51
 2,6-Dinitrotoluene
 Concen: 43.937 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

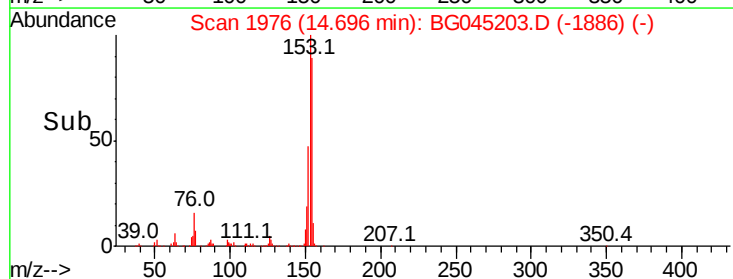
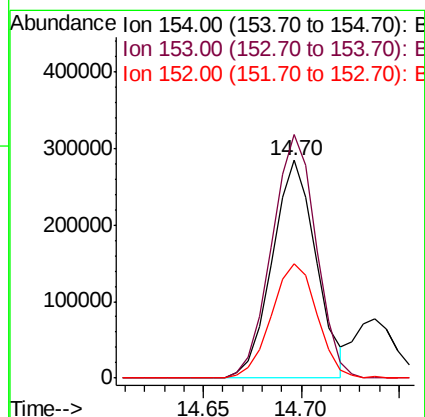
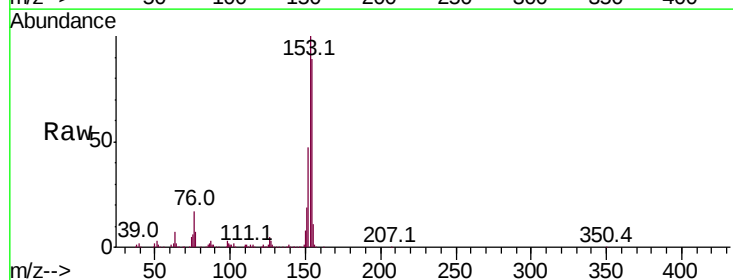
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

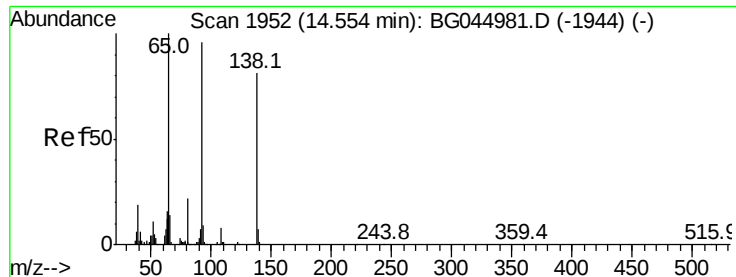
Tot Ion:165 Resp: 144427
 Ion Ratio Lower Upper
 165 100
 63 50.6 40.4 60.6
 89 58.0 49.1 73.7



#52
 Acenaphthene
 Concen: 38.344 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion:154 Resp: 442959
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.7 134.5
 152 52.7 43.1 64.7

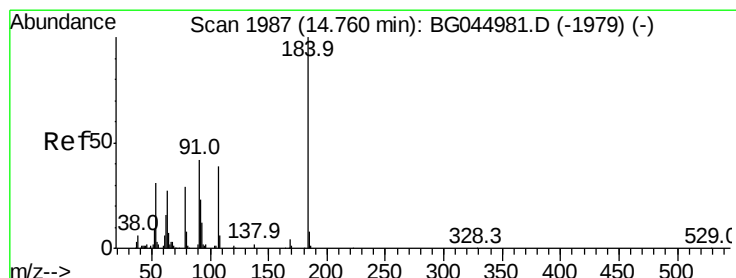
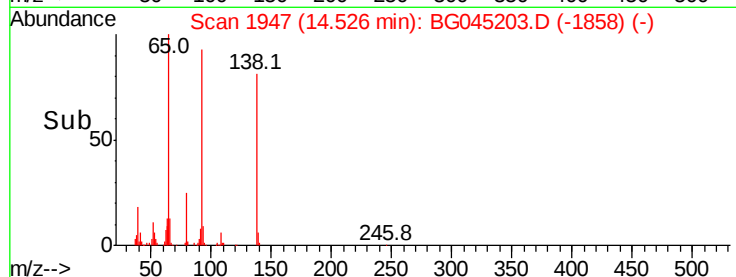
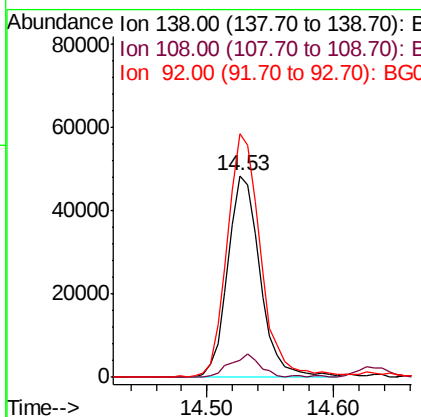
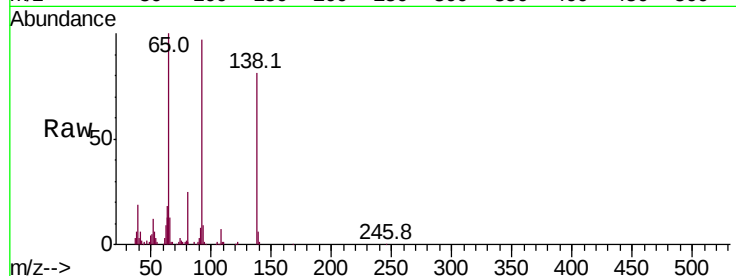




#53
 3-Nitroaniline
 Concen: 23.781 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

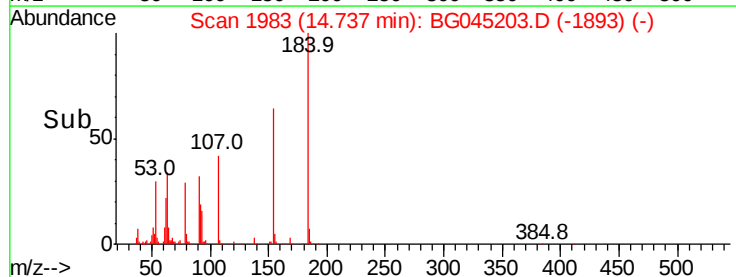
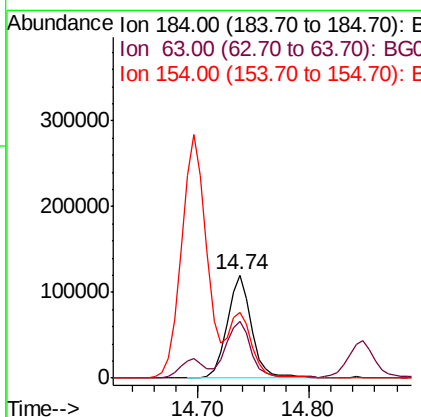
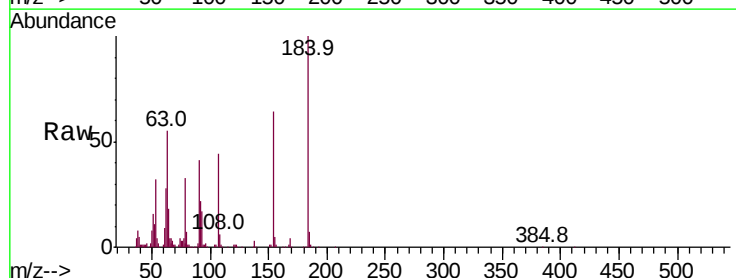
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion:138 Resp: 85736
 Ion Ratio Lower Upper
 138 100
 108 8.6 7.8 11.8
 92 120.6 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 95.693 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion:184 Resp: 187045
 Ion Ratio Lower Upper
 184 100
 63 55.1 41.5 62.3
 154 63.9 52.3 78.5





#55

Dibenzofuran

Concen: 43.001 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

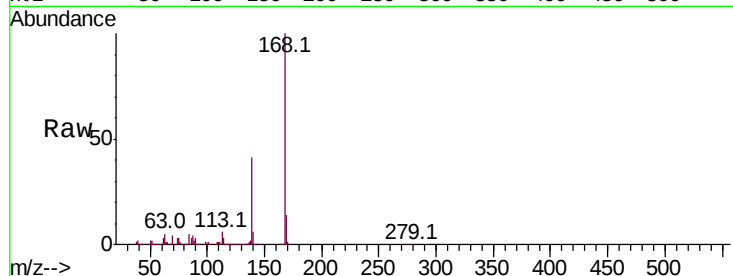
Tot Ion:168 Resp: 724242

Ion Ratio Lower Upper

168 100

139 40.7 30.4 45.6

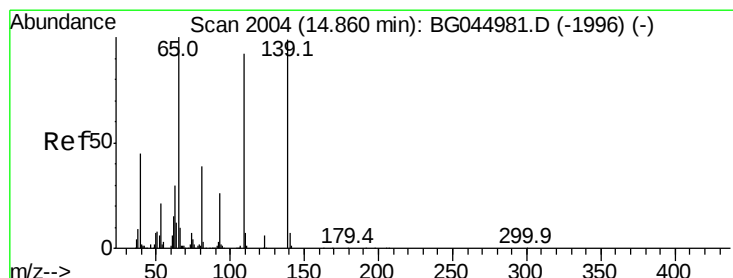
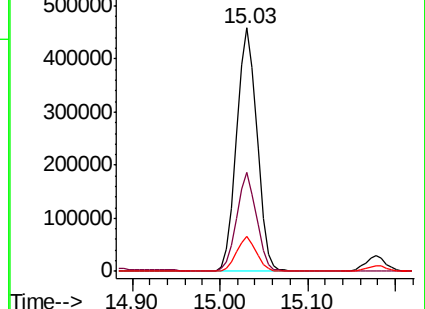
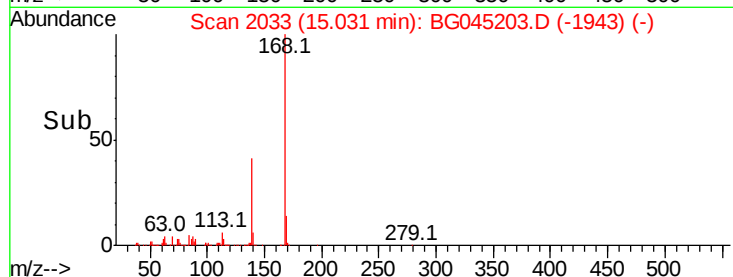
169 14.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.100 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

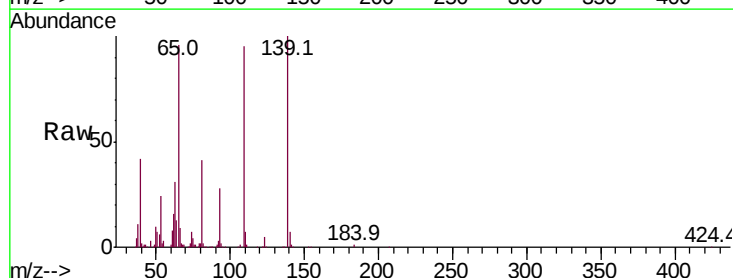
Tgt Ion:139 Resp: 246270

Ion Ratio Lower Upper

139 100

109 95.5 73.6 113.6

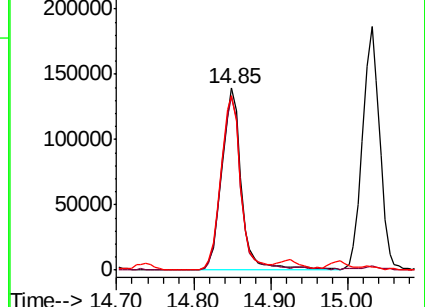
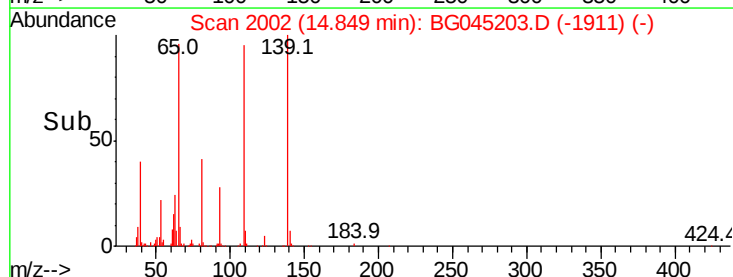
65 96.1 81.2 121.2

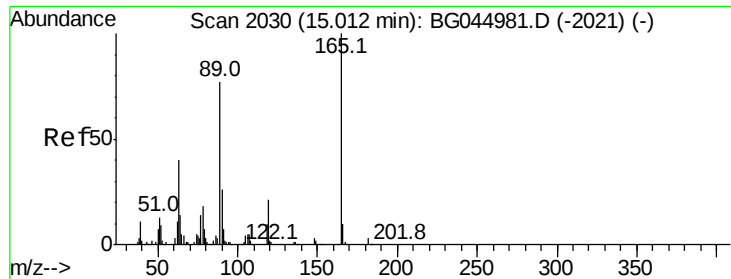


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

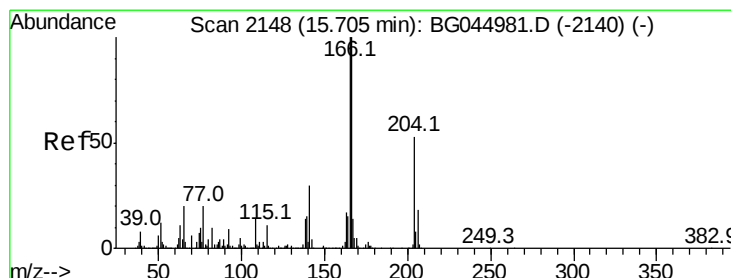
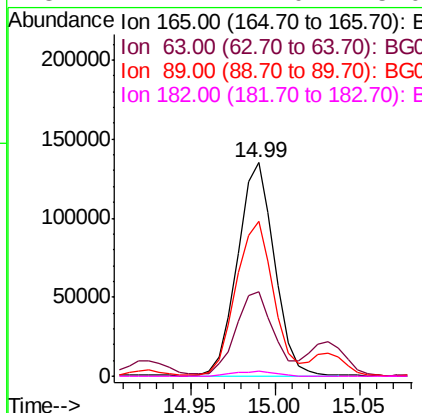
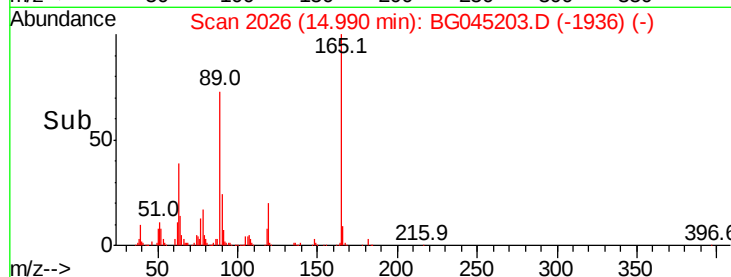
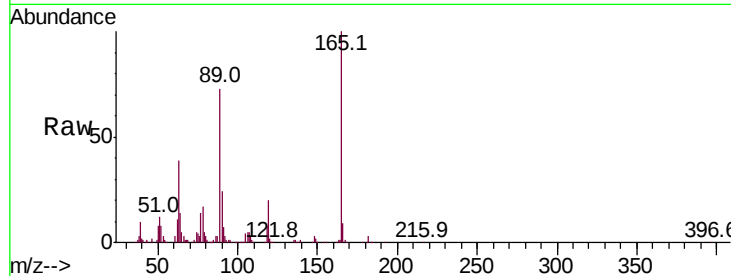




#57
2,4-Dinitrotoluene
Concen: 42.967 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

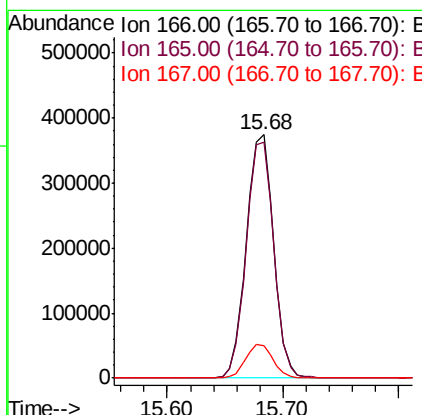
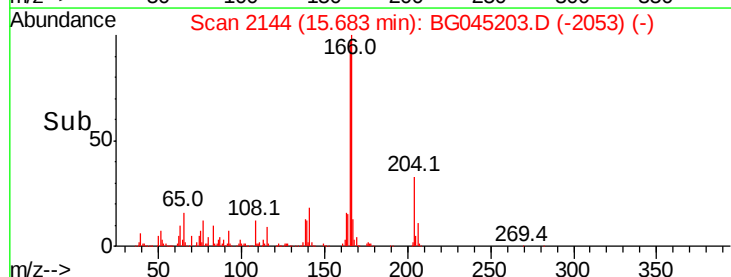
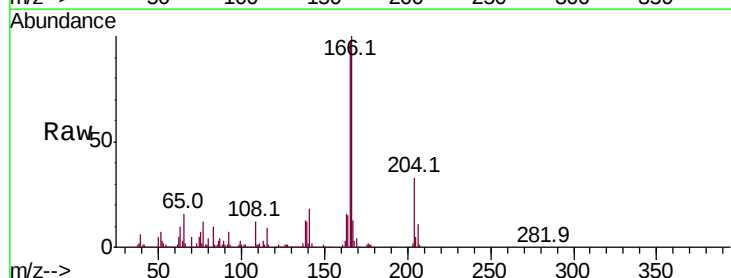
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

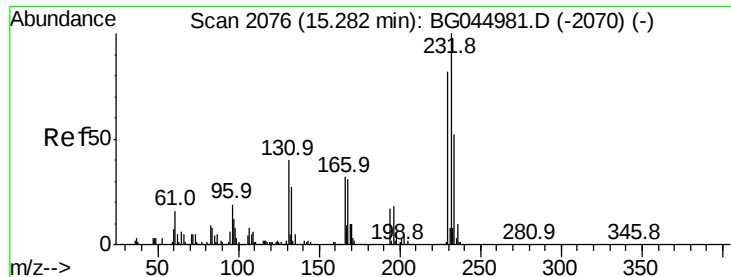
Tot Ion:165 Resp: 206406
Ion Ratio Lower Upper
165 100
63 39.3 32.2 48.2
89 72.6 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.927 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:166 Resp: 618063
Ion Ratio Lower Upper
166 100
165 96.9 79.9 119.9
167 13.2 11.4 17.0

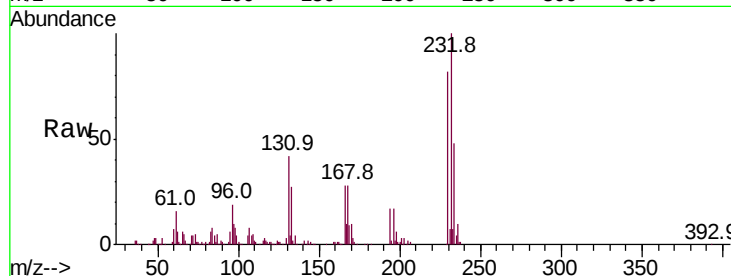




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.293 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	32.2	48.2
130	2.6	2.2	3.2
166	29.6	24.2	36.4



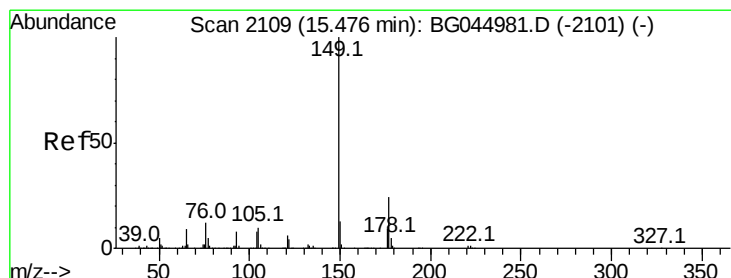
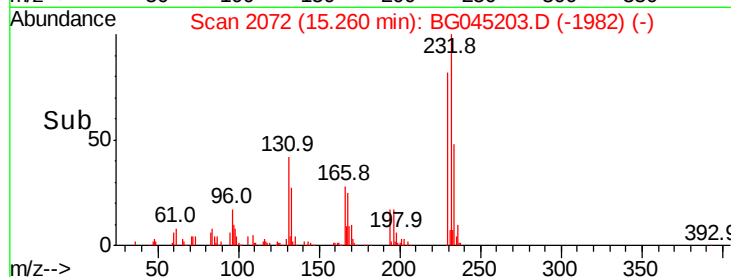
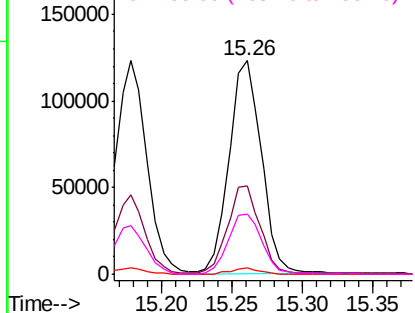
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

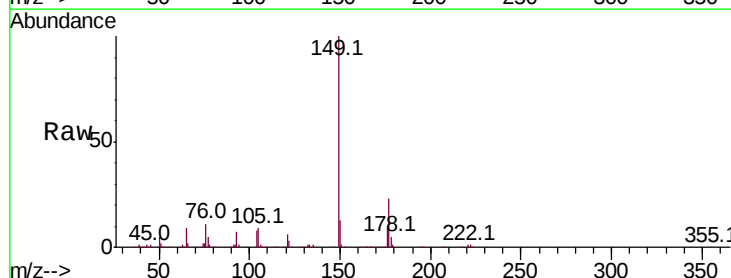
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.004 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.9	28.3
150	13.1	10.6	15.8

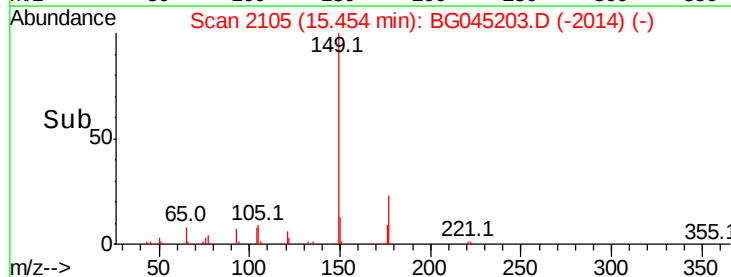
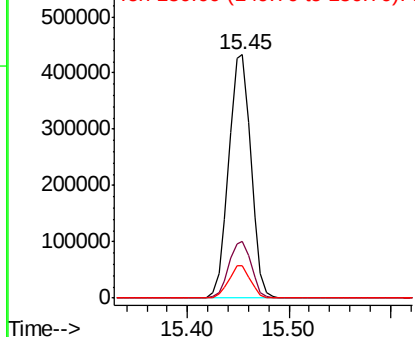


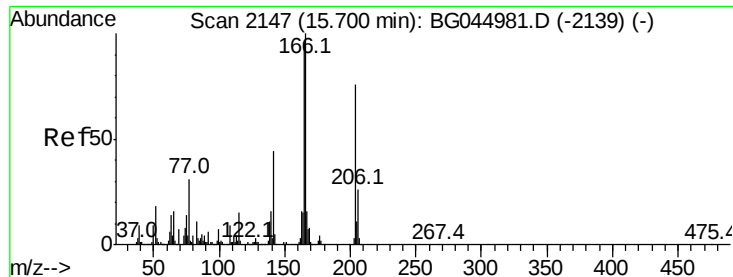
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.026 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

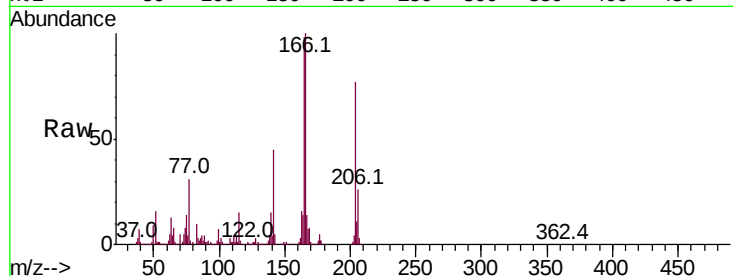
Tot Ion:204 Resp: 332781

Ion Ratio Lower Upper

204 100

206 34.2 26.9 40.3

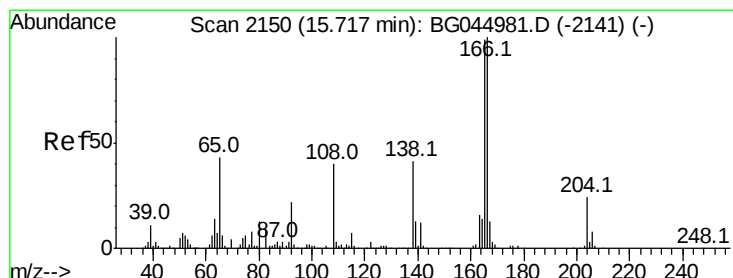
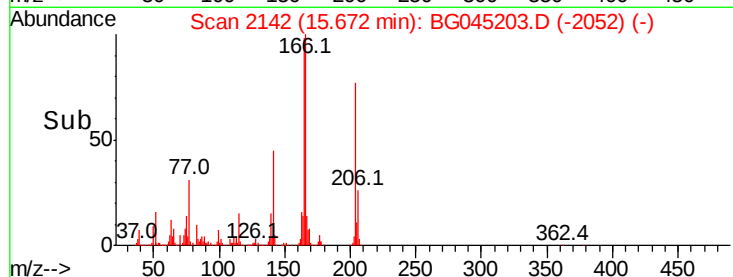
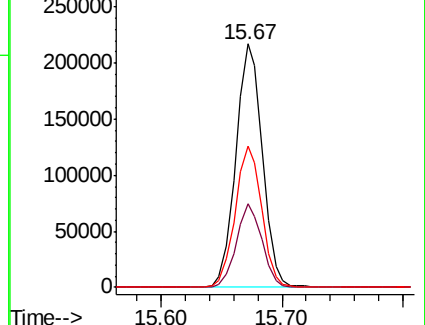
141 58.0 46.3 69.5



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: 38.263 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

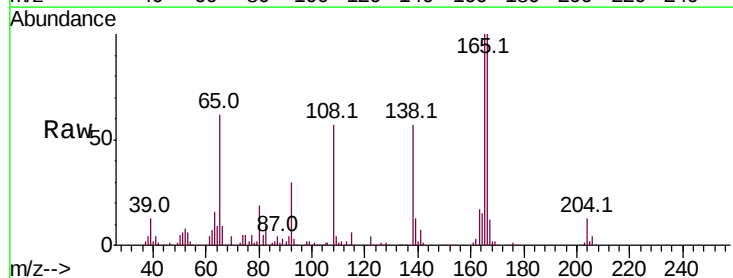
Tgt Ion:138 Resp: 143077

Ion Ratio Lower Upper

138 100

92 54.0 33.6 73.6

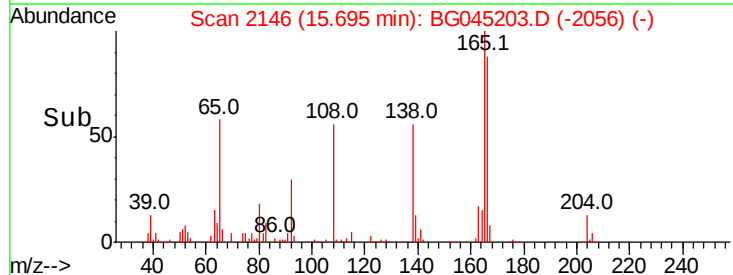
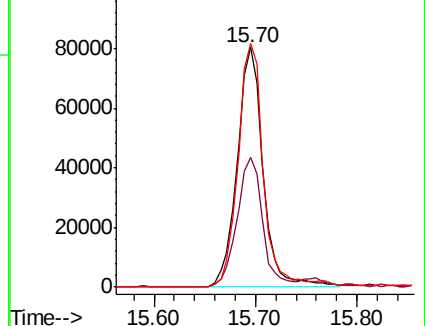
108 101.6 78.2 118.2

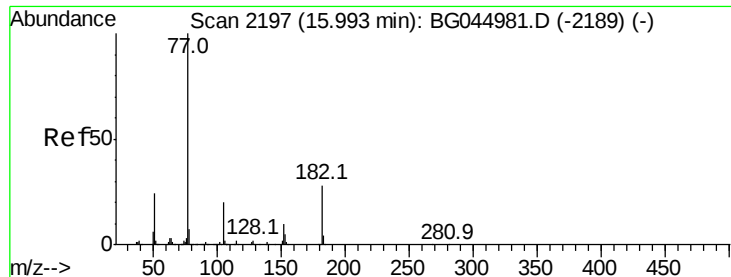


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

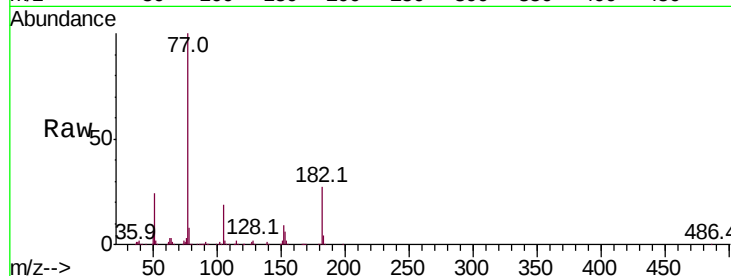




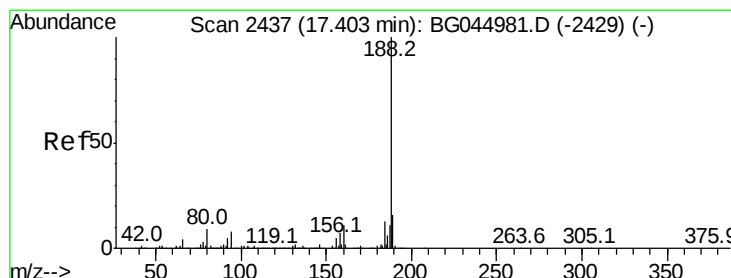
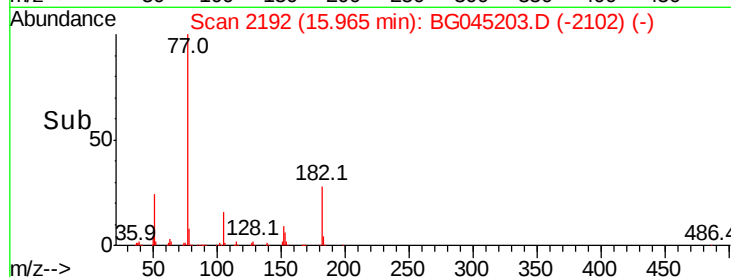
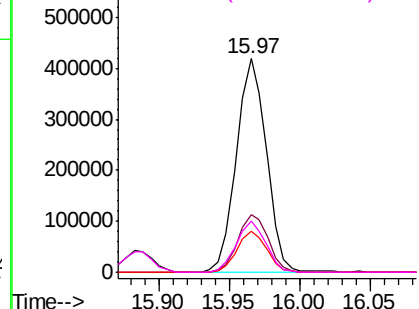
#63
Azobenzene
Concen: 43.876 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion:	77	Resp:	619829
Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.4	48.4
105	19.0	0.5	40.5
51	24.2	4.4	44.4

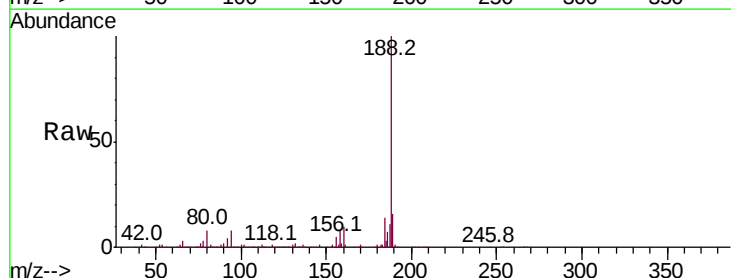


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

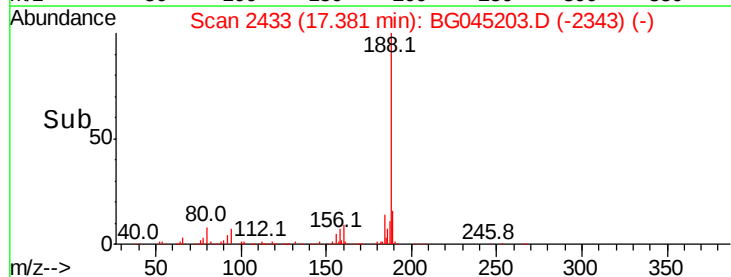
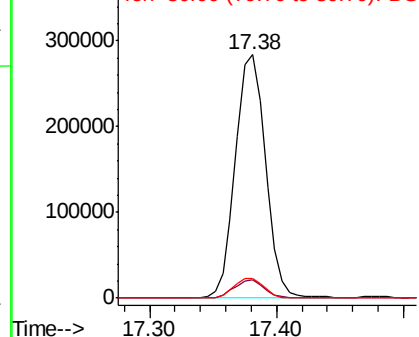


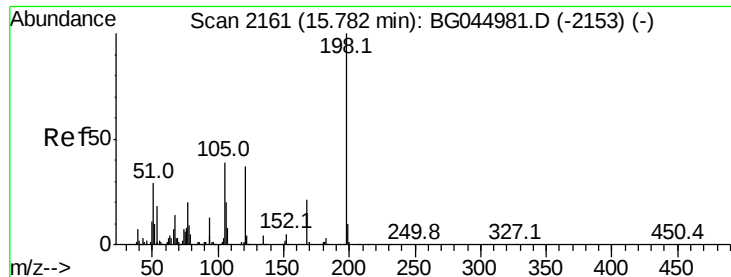
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:	188	Resp:	468012
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.1	7.0	10.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.065 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

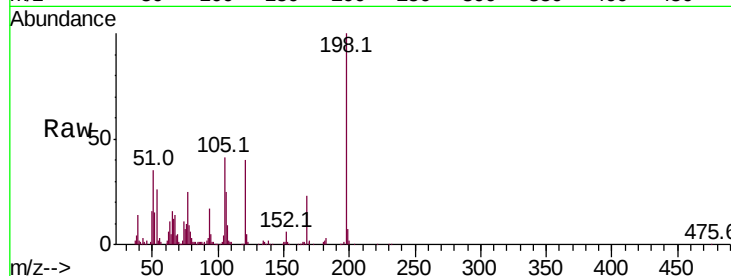
Tot Ion:198 Resp: 138632

Ion Ratio Lower Upper

198 100

51 35.3 10.0 50.0

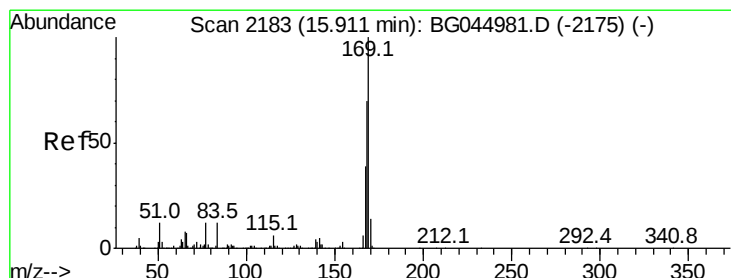
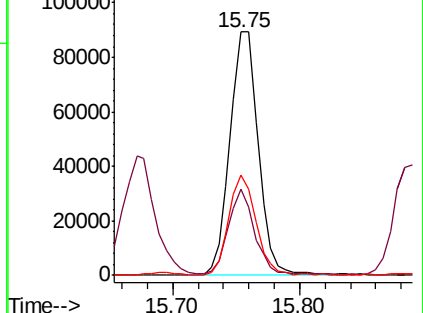
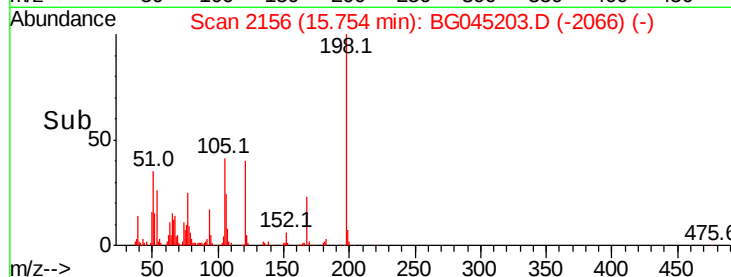
105 41.3 18.9 58.9



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: 41.319 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

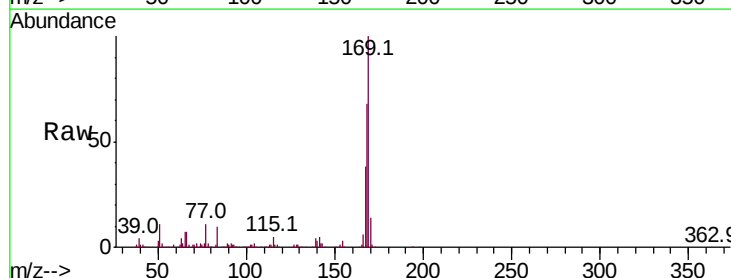
Tgt Ion:169 Resp: 555613

Ion Ratio Lower Upper

169 100

168 67.6 55.8 83.8

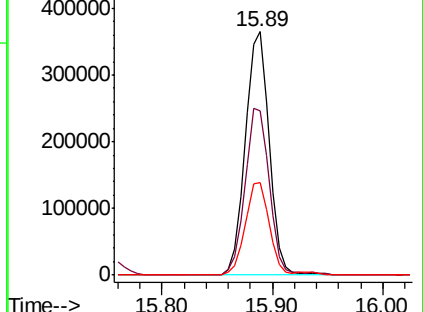
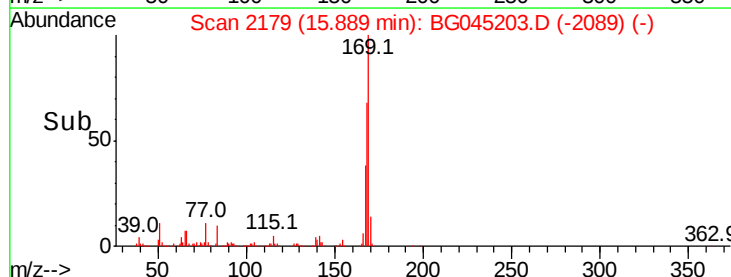
167 38.0 30.8 46.2

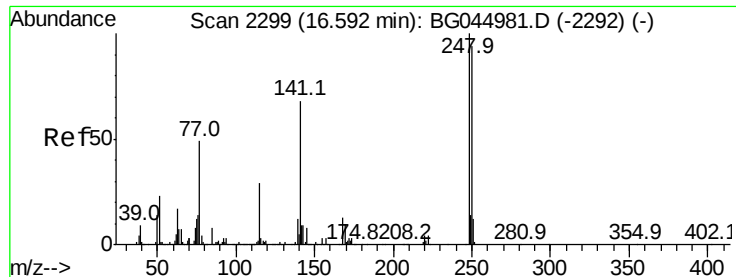


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

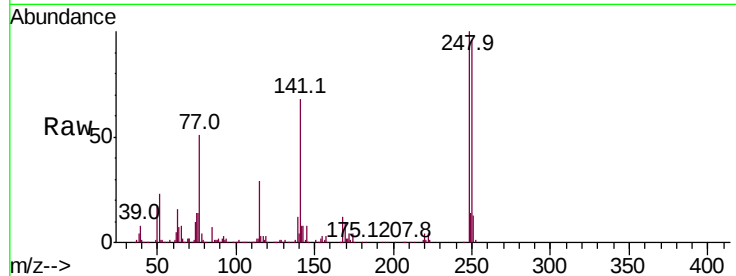




#67
4-Bromophenyl-phenylether
Concen: 39.719 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.4	113.2
141	67.7	54.4	81.6

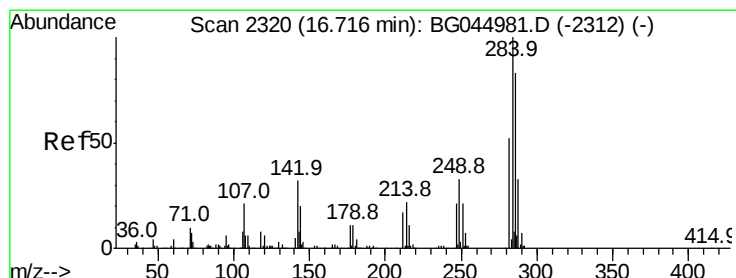
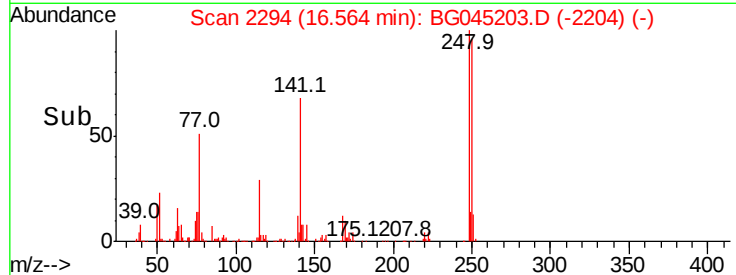
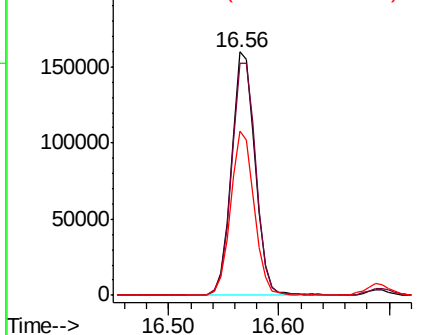


Abundance

Ion 248.00 (247.70 to 248.70): E

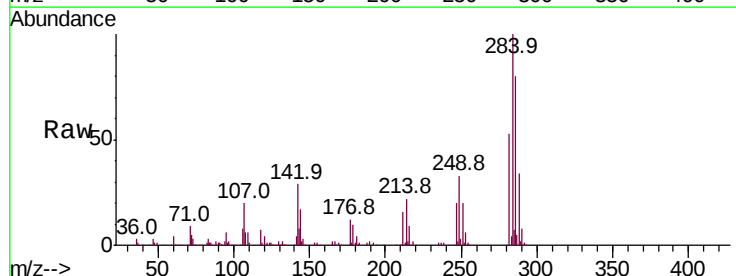
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.932 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	32.7	26.6	39.8

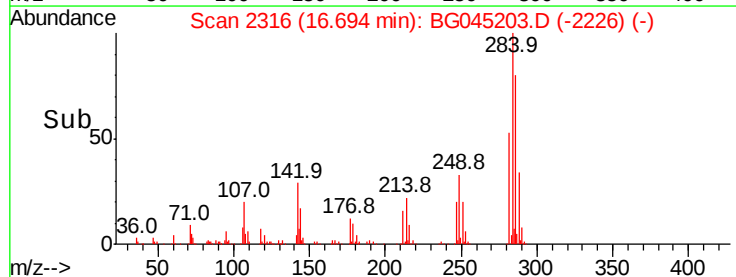
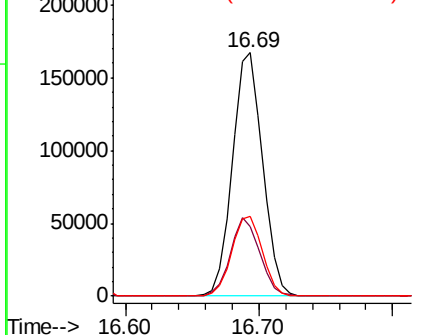


Abundance

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: 47.985 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

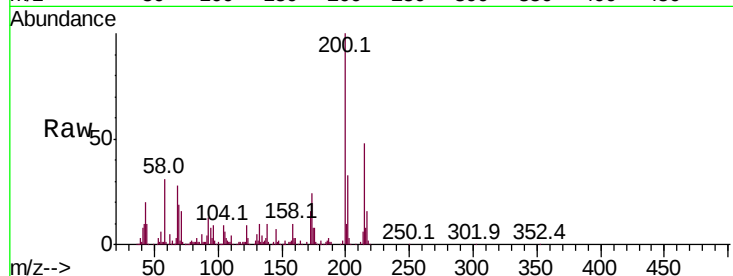
Tot Ion:200 Resp: 233792

Ion Ratio Lower Upper

200 100

173 24.5 4.5 44.5

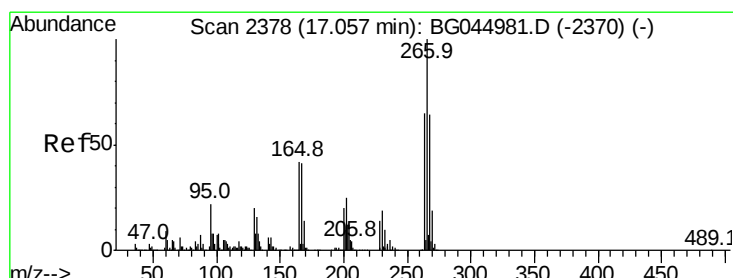
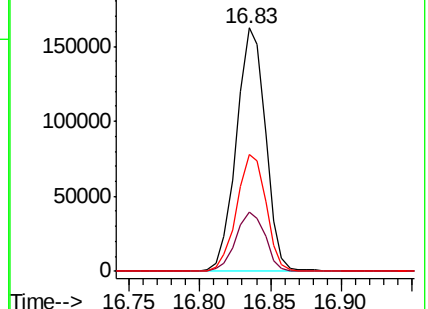
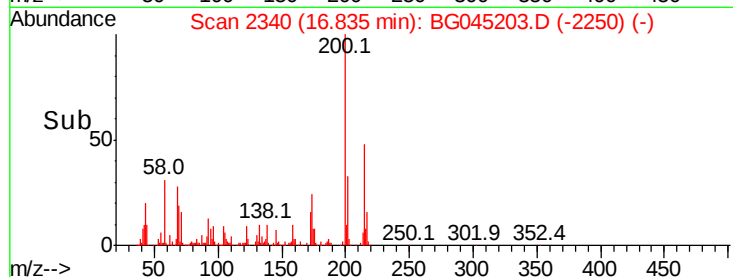
215 48.1 30.0 70.0



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: 85.706 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

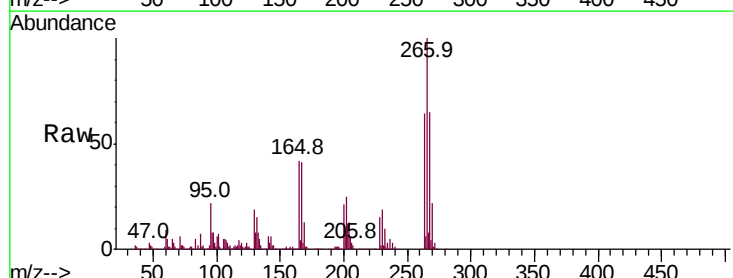
Tgt Ion:266 Resp: 329231

Ion Ratio Lower Upper

266 100

268 65.3 51.5 77.3

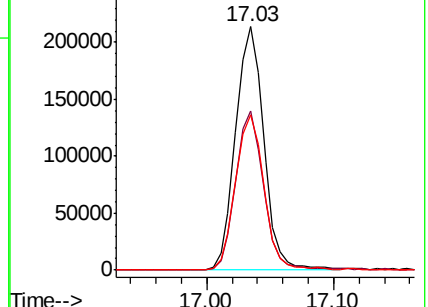
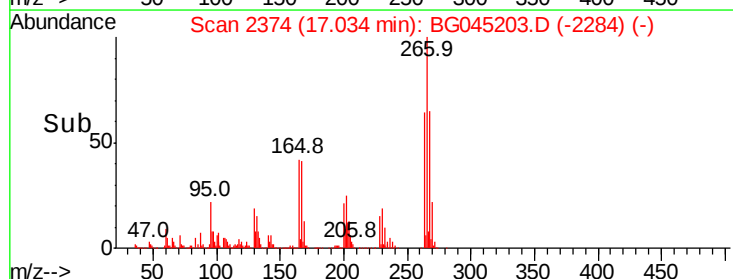
264 63.6 52.2 78.4

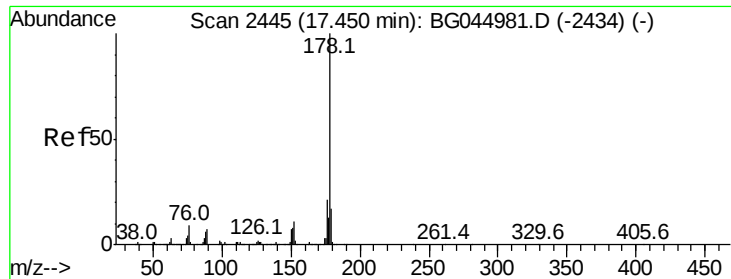


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.775 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

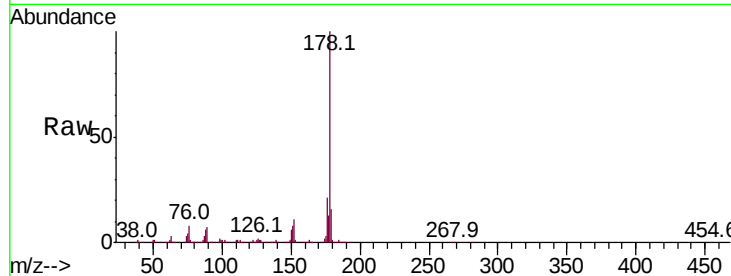
BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:178 Resp: 1028739

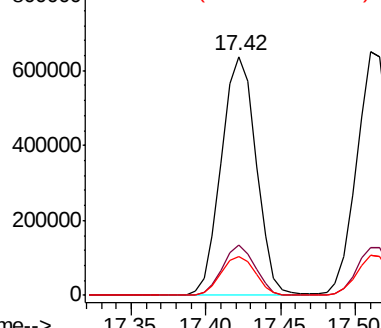
Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.8	25.2
179	16.4	13.2	19.8



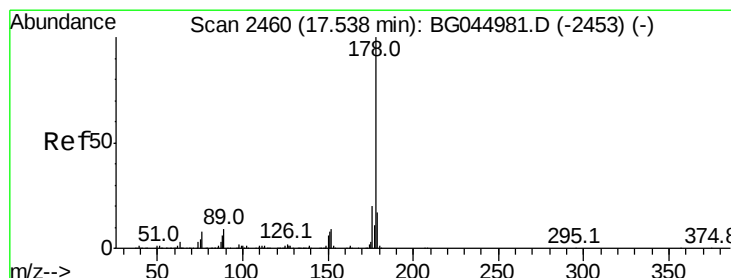
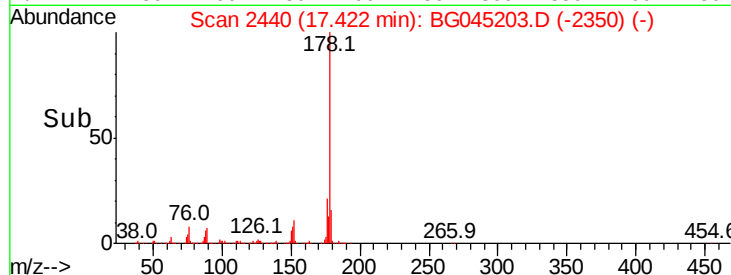
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 43.927 ng

RT: 17.51 min Scan# 2455

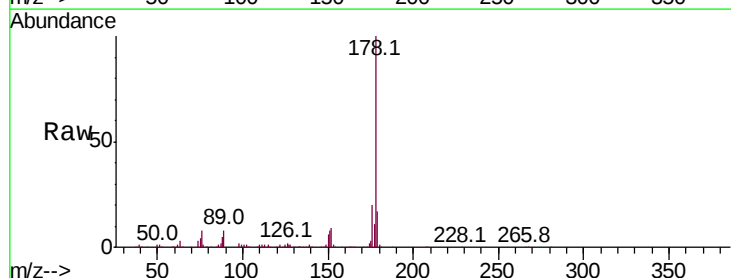
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:178 Resp: 1059722

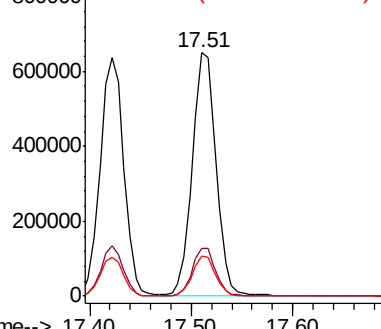
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.6	13.6	20.4



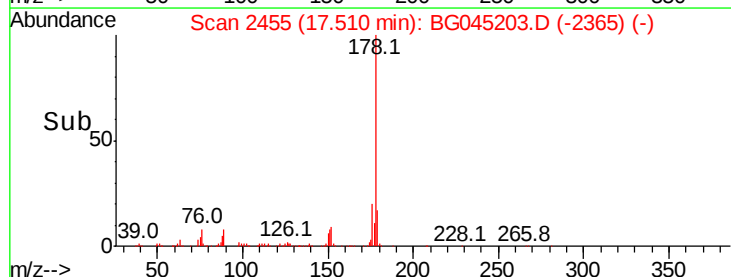
Abundance Ion 178.00 (177.70 to 178.70): E

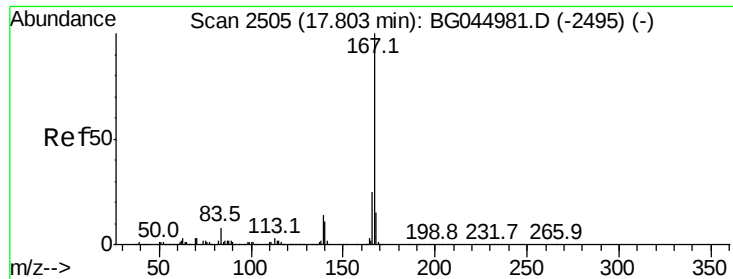
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

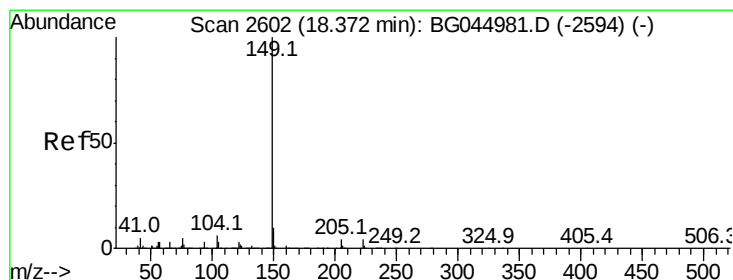
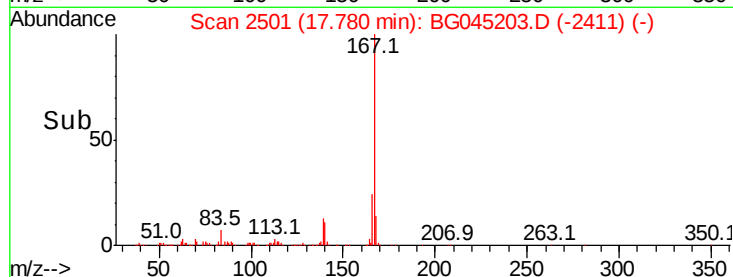
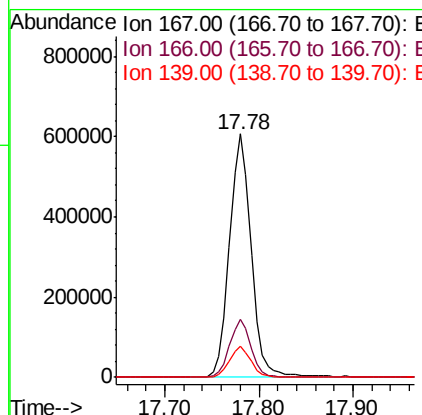
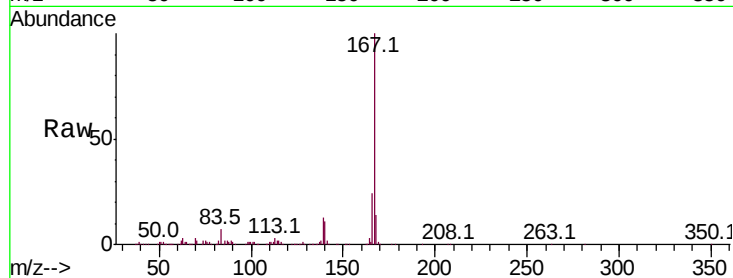




#73
 Carbazole
 Concen: 39.856 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

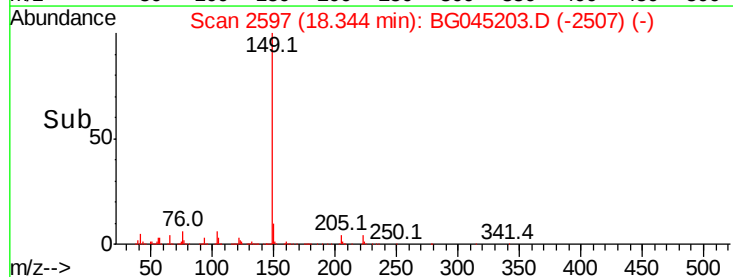
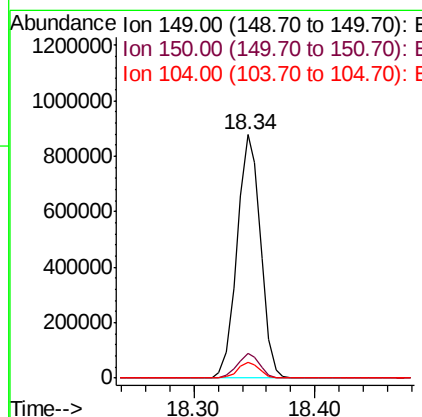
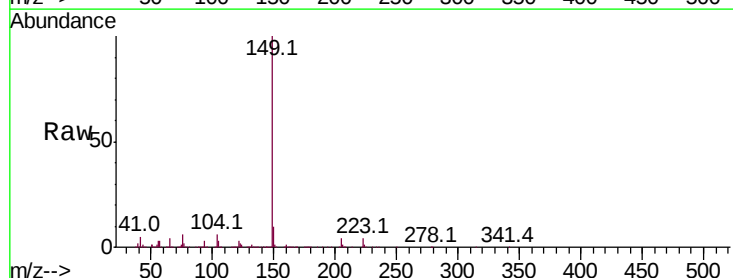
Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

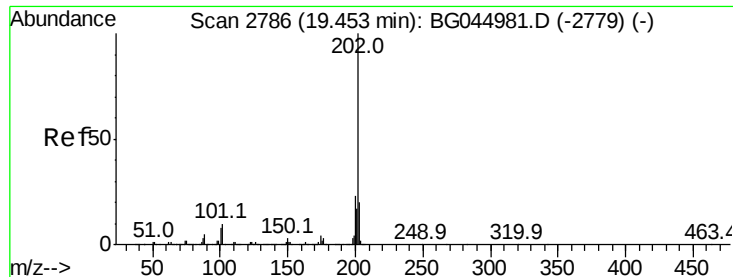
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.8	29.6
139	13.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.472 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 46.510 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

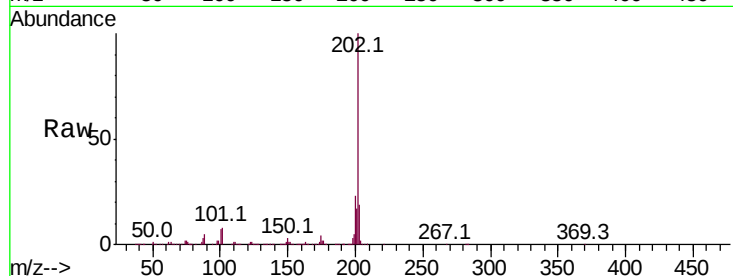
Tot Ion:202 Resp: 1308878

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.6
203	19.0	0.0	39.7

202 100

101 8.4 0.0 29.6

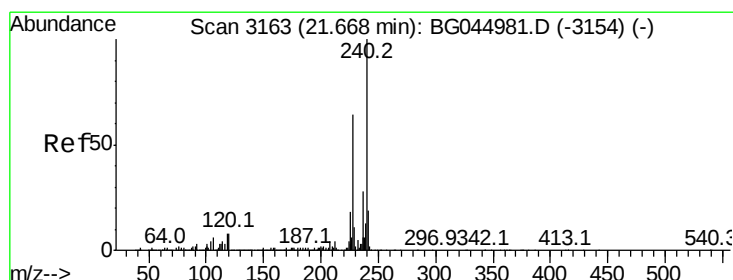
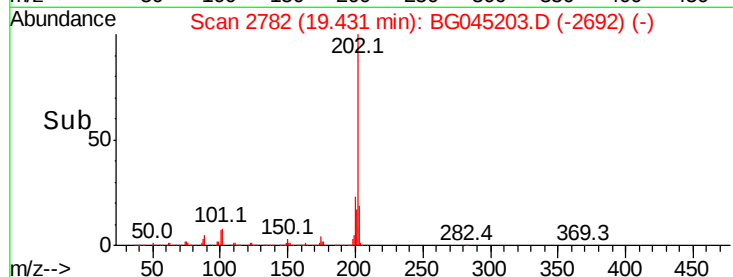
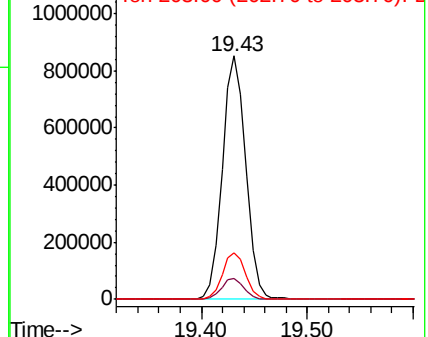
203 19.0 0.0 39.7



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: BG045203.D

Acq: 29 Apr 2020 13:40

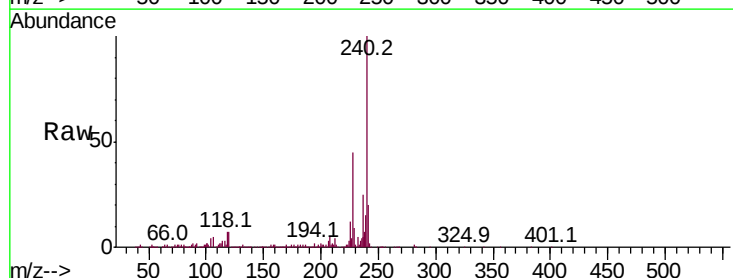
Tgt Ion:240 Resp: 449070

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.0	22.2	33.2

240 100

120 7.1 6.6 10.0

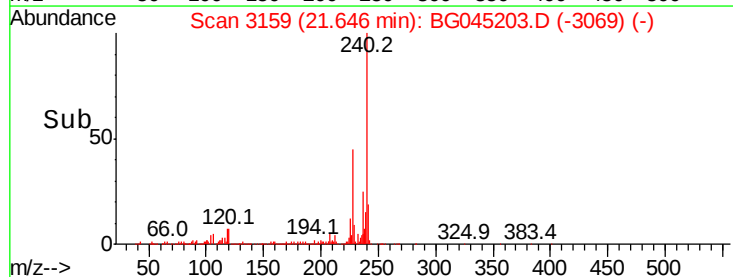
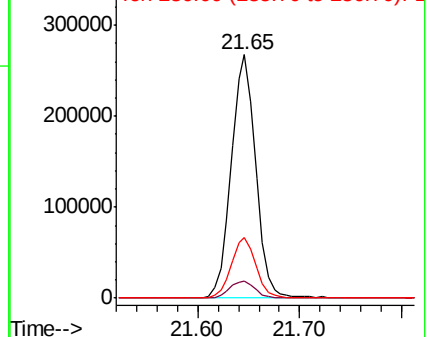
236 25.0 22.2 33.2



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: 34.064 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

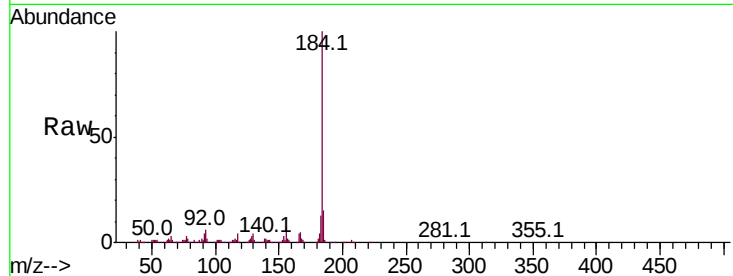
Tot Ion:184 Resp: 461894

Ion Ratio Lower Upper

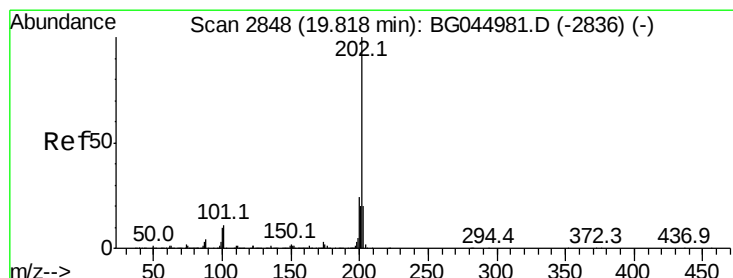
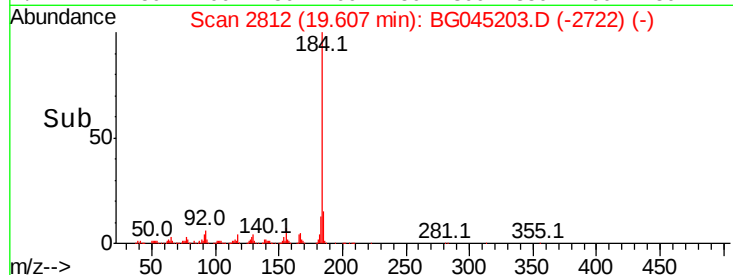
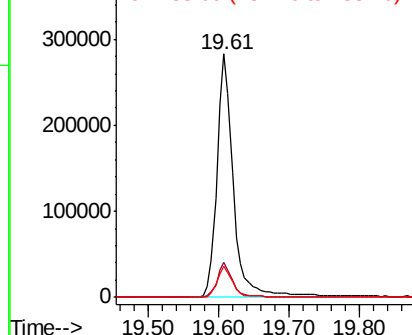
184 100

185 14.6 12.6 19.0

183 13.0 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: 41.572 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

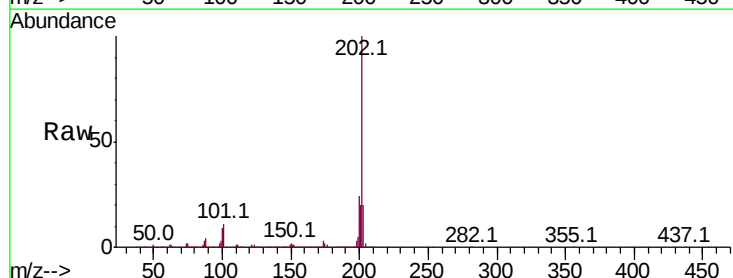
Tgt Ion:202 Resp: 1287037

Ion Ratio Lower Upper

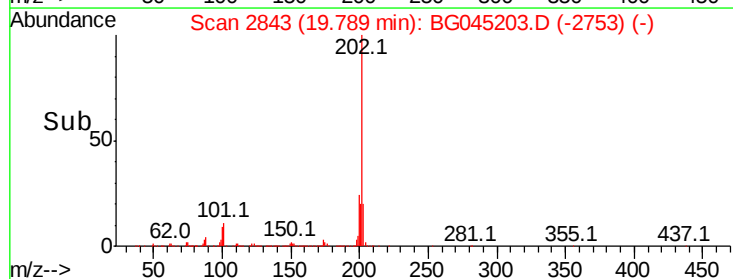
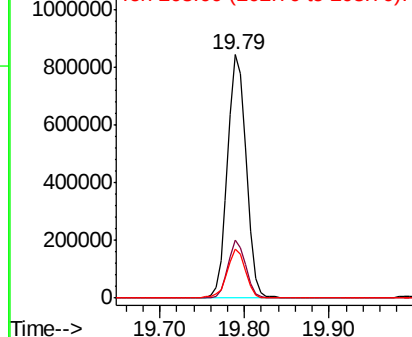
202 100

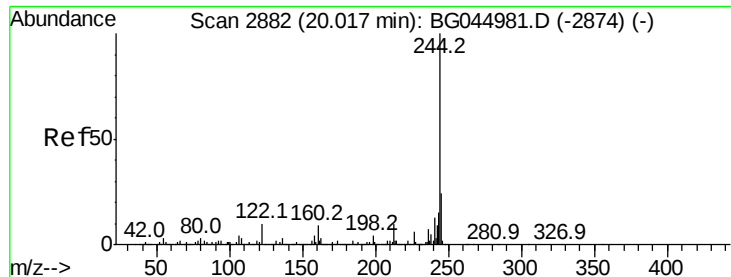
200 23.6 19.0 28.6

203 20.0 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: 92.406 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

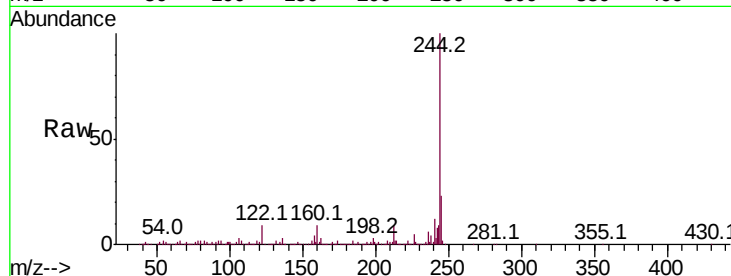
Tot Ion:244 Resp: 1903893

Ion Ratio Lower Upper

244 100

212 9.3 7.9 11.9

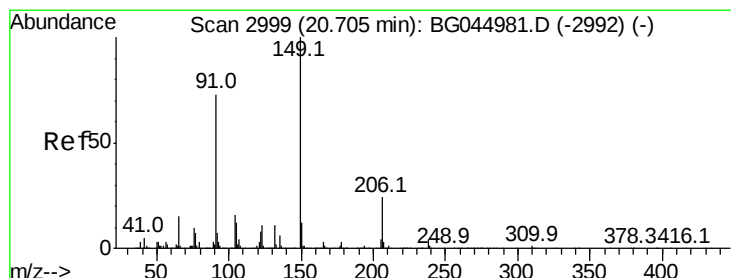
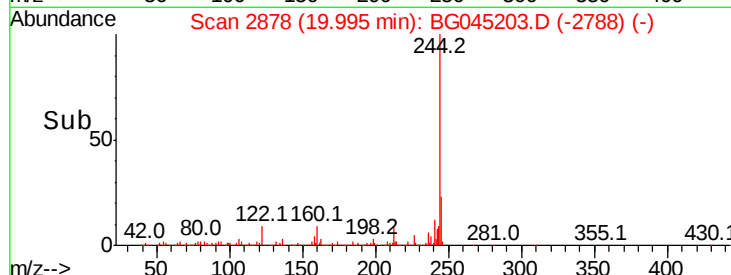
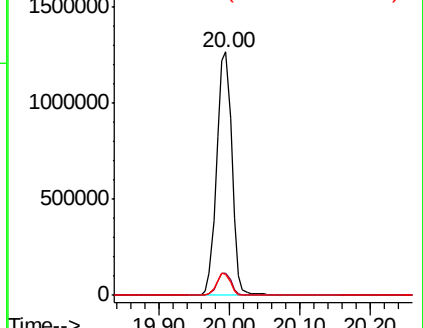
122 8.6 7.7 11.5



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: 41.331 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

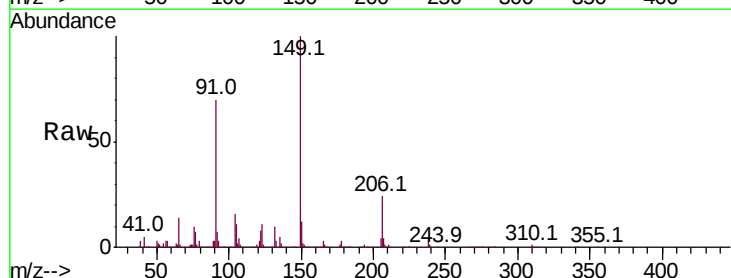
Tgt Ion:149 Resp: 530394

Ion Ratio Lower Upper

149 100

91 70.1 58.5 87.7

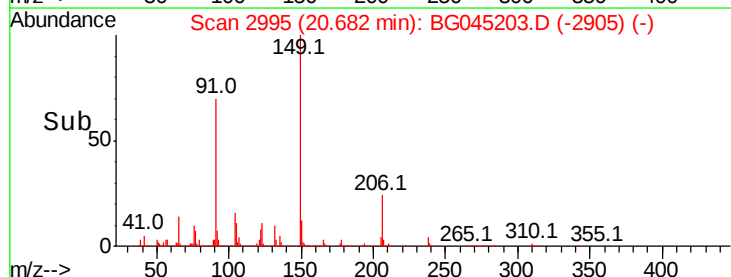
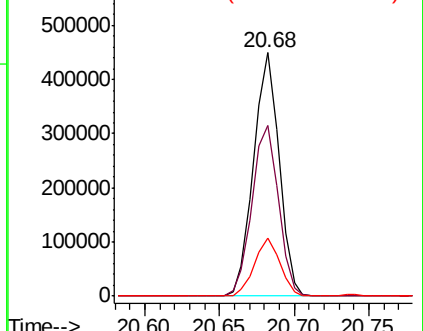
206 24.1 19.2 28.8

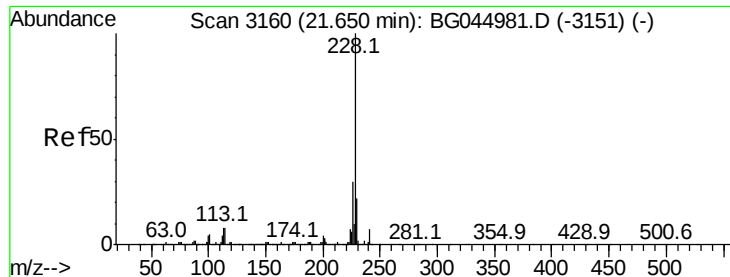


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.114 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

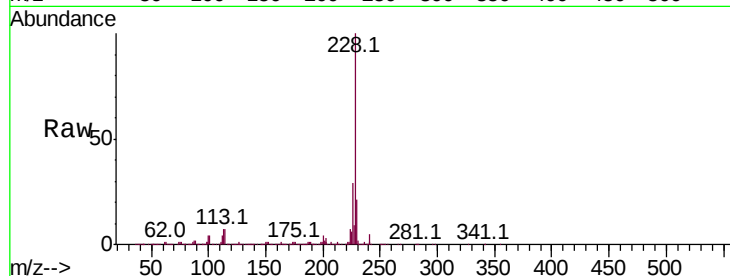
BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:228 Resp: 1225771

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.8	17.5	26.3

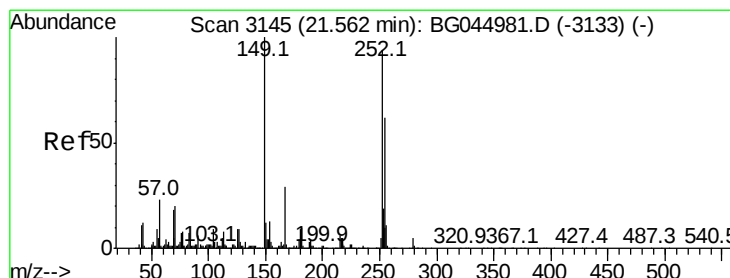
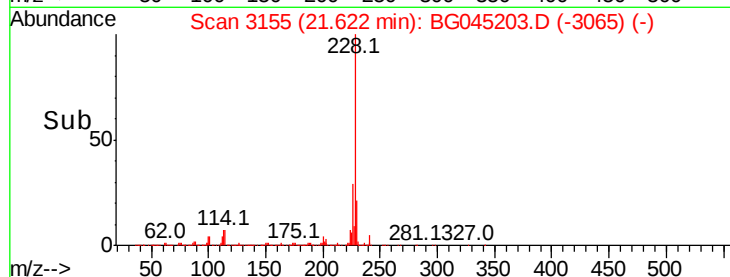
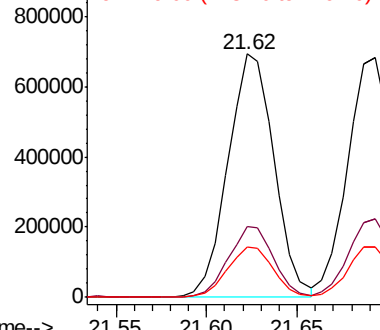


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.846 ng

RT: 21.54 min Scan# 3141

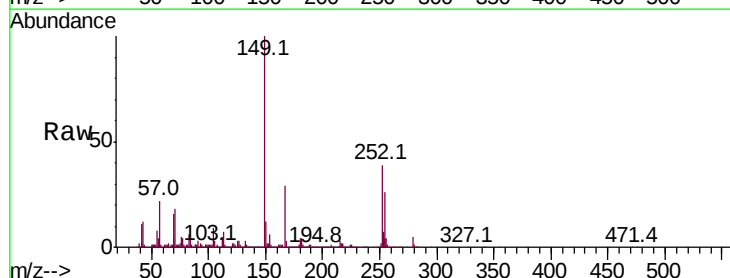
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:252 Resp: 345758

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	7.7	7.5	11.3

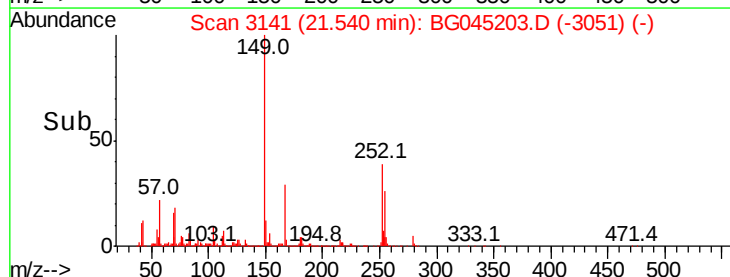
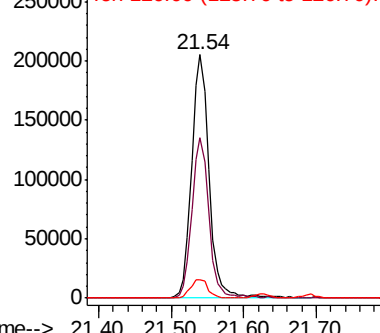


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.047 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

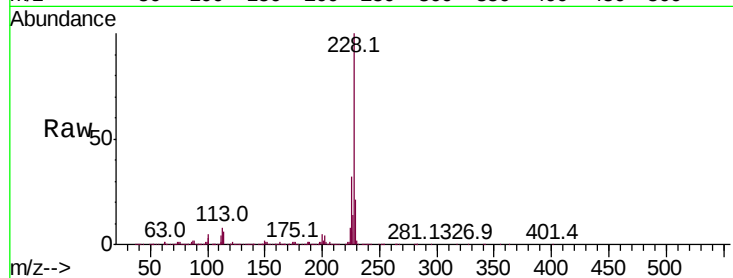
BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:228 Resp: 1203832

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	20.9	17.0	25.6

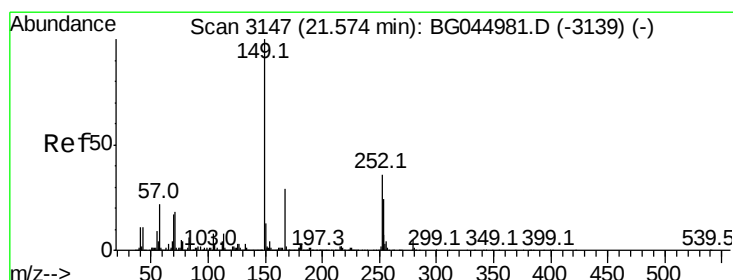
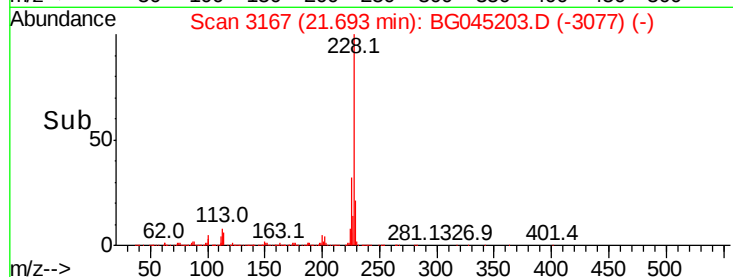
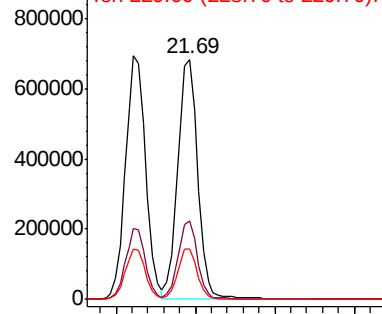


Abundance

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: 42.375 ng

RT: 21.54 min Scan# 3141

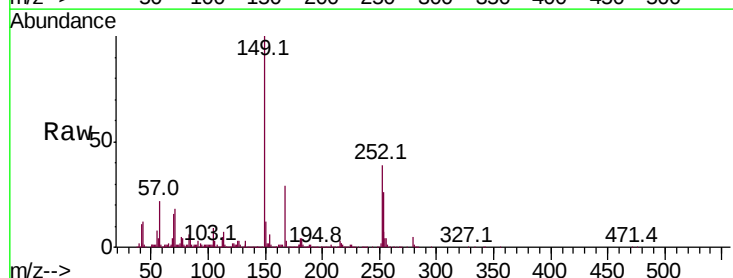
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:149 Resp: 747912

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.0	4.3	6.5

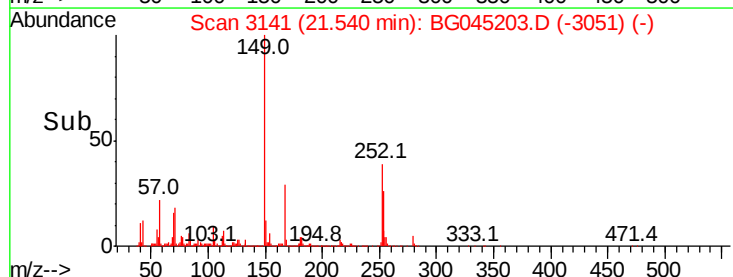
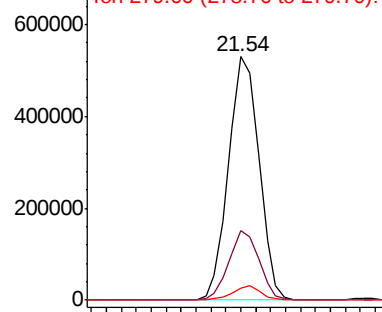


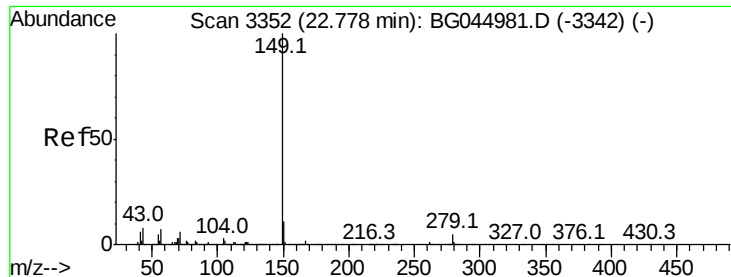
Abundance

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: 41.949 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

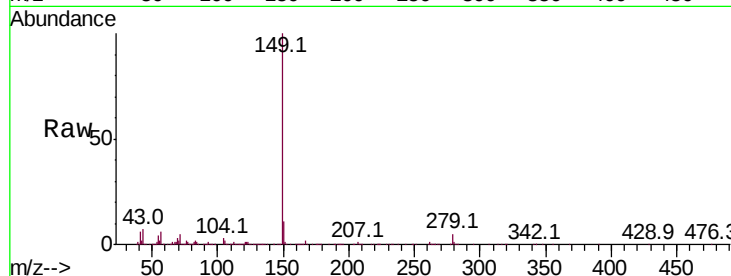
Tot Ion:149 Resp: 1280309

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

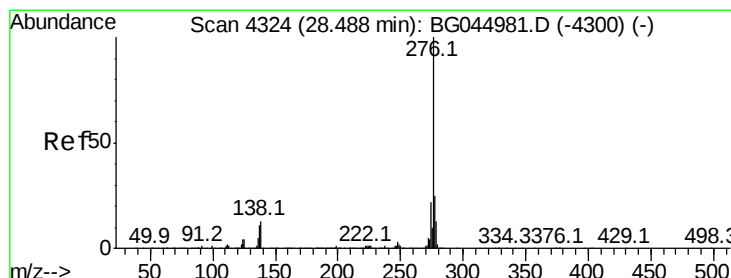
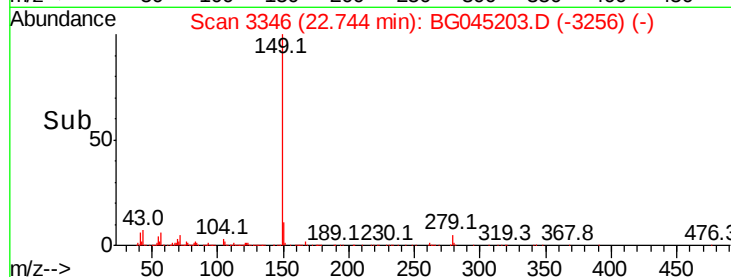
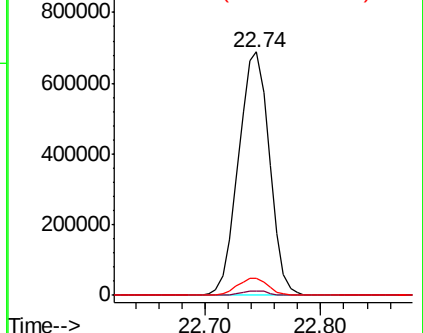
43 7.0 5.7 8.5



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: 42.557 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

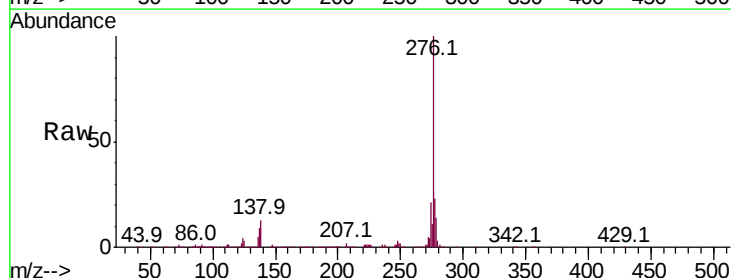
Tgt Ion:276 Resp: 1580117

Ion Ratio Lower Upper

276 100

138 10.6 9.6 14.4

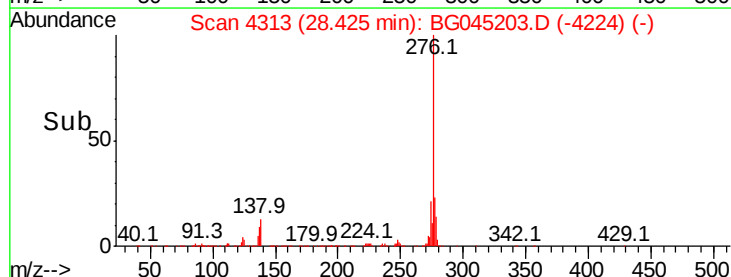
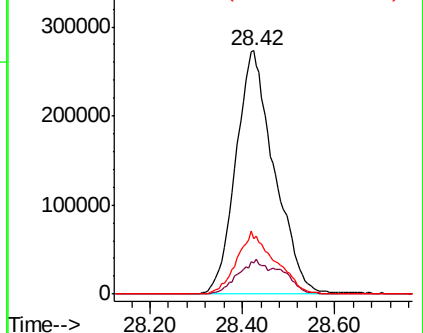
277 25.6 20.6 31.0

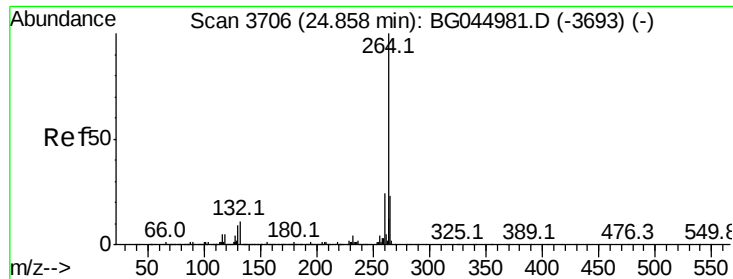


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

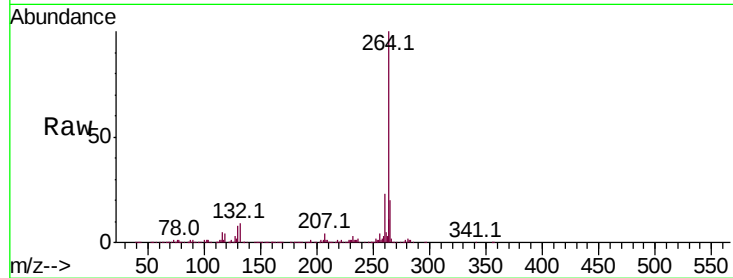
Tot Ion:264 Resp: 485098

Ion Ratio Lower Upper

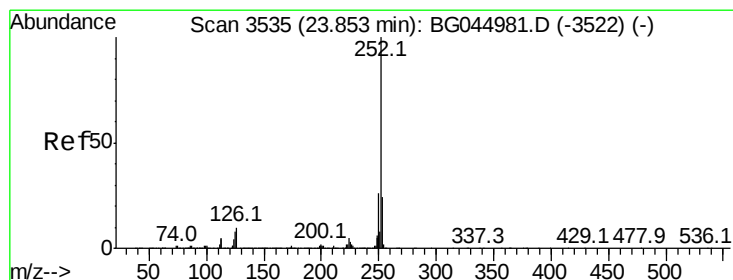
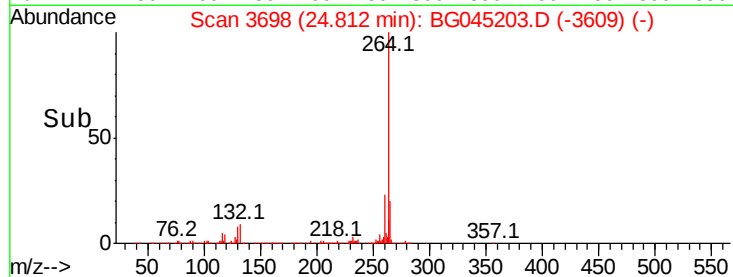
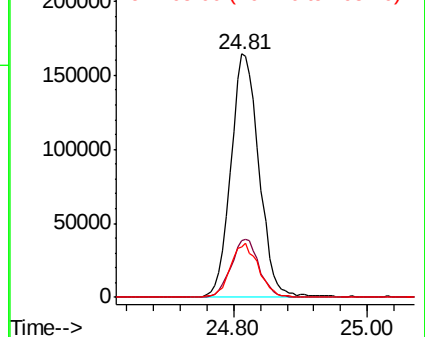
264 100

260 23.5 19.2 28.8

265 20.5 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: 44.668 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

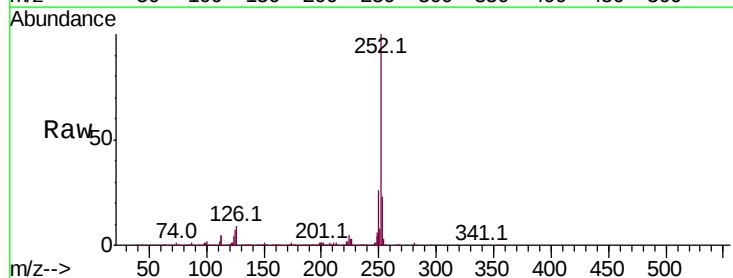
Tgt Ion:252 Resp: 1357292

Ion Ratio Lower Upper

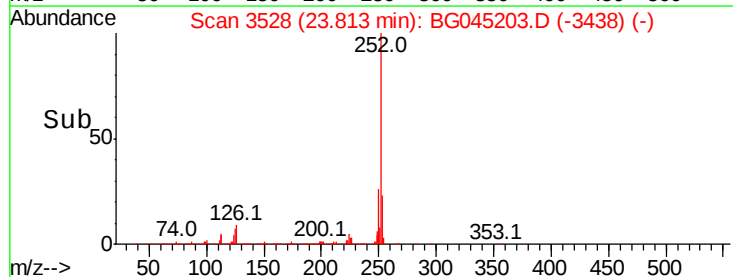
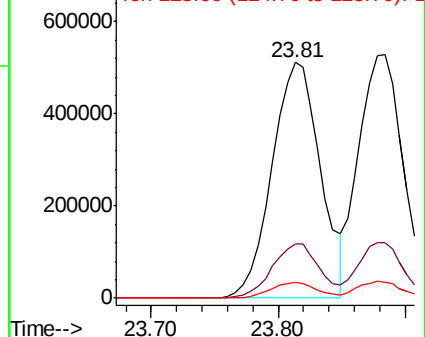
252 100

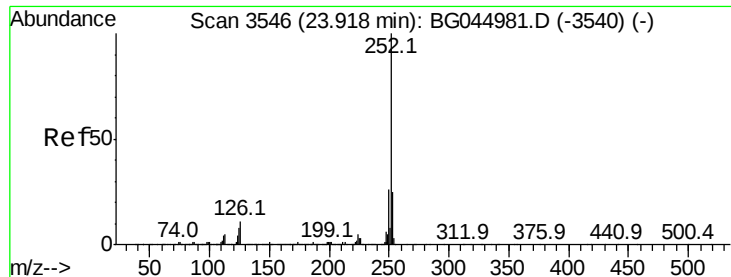
253 22.9 18.8 28.2

125 6.8 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

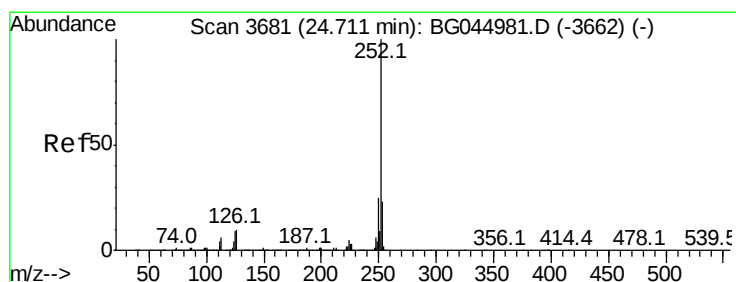
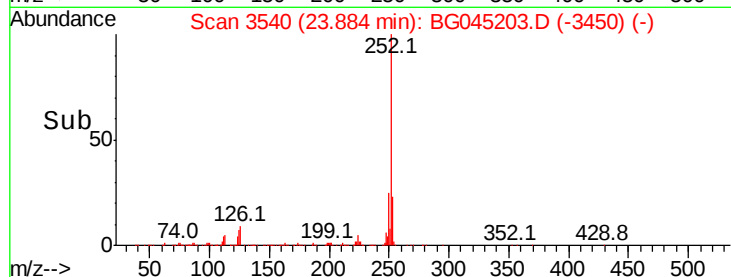
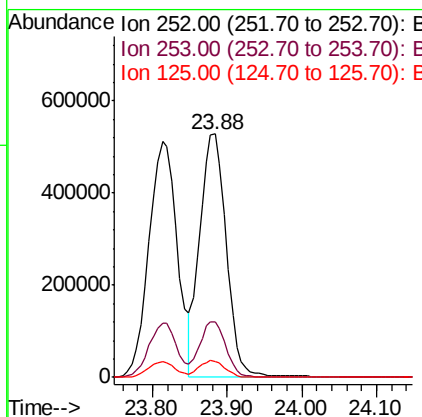
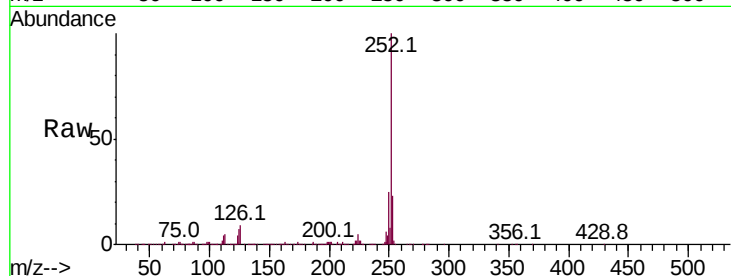




#89
Benzo(k)fluoranthene
Concen: 45.122 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

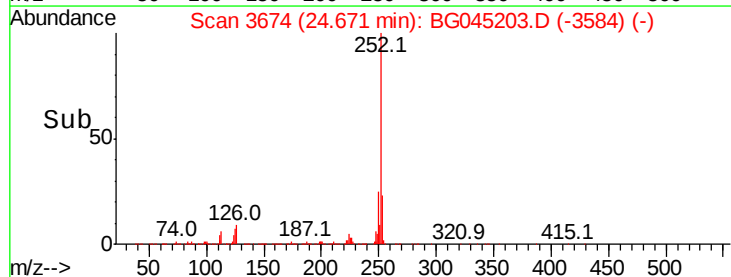
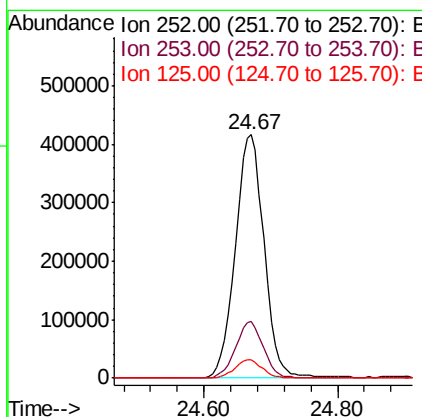
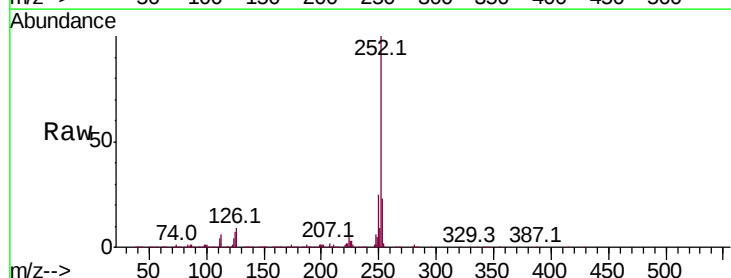
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion:252 Resp: 1303911
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 6.7 5.9 8.9



#90
Benzo(a)pyrene
Concen: 43.212 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion:252 Resp: 1239741
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.626 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

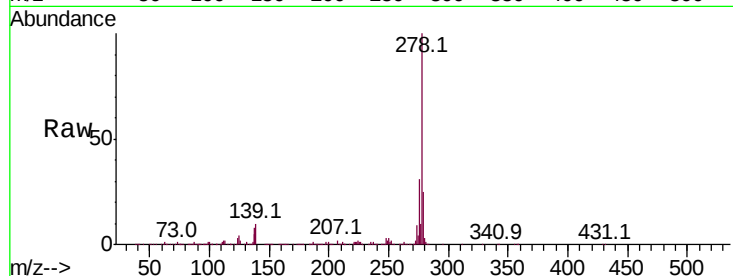
Tot Ion:278 Resp: 1290086

Ion Ratio Lower Upper

278 100

139 10.5 9.0 13.6

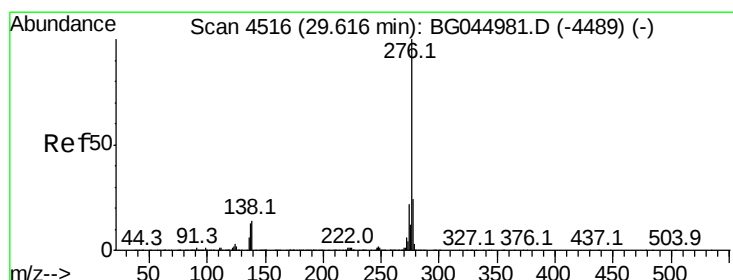
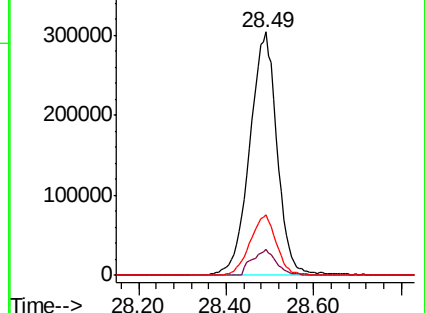
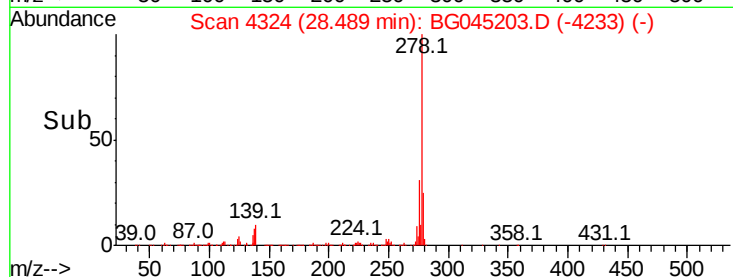
279 24.7 18.4 27.6



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: 44.057 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

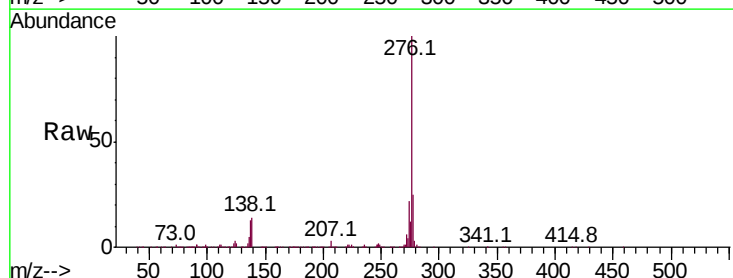
Tgt Ion:276 Resp: 1276891

Ion Ratio Lower Upper

276 100

277 25.2 19.3 28.9

138 14.2 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

