

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045205.D
 Acq On : 29 Apr 2020 15:00
 Operator : CG/JU
 Sample : PB128538BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Quant Time: Apr 29 15:36:36 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	59412	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	239824	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182617	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	453144	20.00	ng	0.00
76) Chrysene-d12	21.64	240	426272	20.00	ng	0.00
87) Perylene-d12	24.82	264	476628	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	325102	90.34	ng	0.00
7) Phenol-d6	7.16	99	459976	86.03	ng	0.00
23) Nitrobenzene-d5	9.15	82	420567	80.02	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	241983	85.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1028241	82.56	ng	0.00
79) Terphenyl-d14	19.99	244	1840519	94.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	53307	33.332	ng	97
3) Pyridine	3.84	79	155560	31.591	ng	96
4) n-Nitrosodimethylamine	3.75	42	59288	39.303	ng	93
6) Aniline	7.31	93	210900	30.338	ng	98
8) 2-Chlorophenol	7.56	128	180531	46.678	ng	98
9) Benzaldehyde	7.12	77	71077	19.192	ng	94
10) Phenol	7.18	94	240446	44.940	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	163238	38.320	ng	99
12) 1,3-Dichlorobenzene	7.88	146	188021	41.256	ng	97
13) 1,4-Dichlorobenzene	8.03	146	188589	41.528	ng	98
14) 1,2-Dichlorobenzene	8.34	146	176113	40.537	ng	99
15) Benzyl Alcohol	8.23	79	174245	38.870	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151964	36.341	ng	98
17) 2-Methylphenol	8.44	107	161907	39.221	ng	98
18) Hexachloroethane	9.08	117	73796	43.227	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	143715	38.008	ng	98
20) 3+4-Methylphenols	8.76	107	225353	39.001	ng	98
22) Acetophenone	8.81	105	266024	41.019	ng	97
24) Nitrobenzene	9.19	77	222129	41.230	ng	97
25) Isophorone	9.71	82	412666	38.339	ng	99
26) 2-Nitrophenol	9.91	139	103069	44.413	ng	98
27) 2,4-Dimethylphenol	9.97	122	168805	45.843	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	231172	40.877	ng	99
29) 2,4-Dichlorophenol	10.45	162	193810	45.583	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	203323	42.236	ng	95
31) Naphthalene	10.85	128	549392	41.876	ng	99
32) Benzoic acid	10.12	122	110935	38.715	ng	93
33) 4-Chloroaniline	10.95	127	119371	19.510	ng	96
34) Hexachlorobutadiene	11.15	225	139269	42.196	ng	96
35) Caprolactam	11.72	113	43678	25.811	ng	90
36) 4-Chloro-3-methylphenol	12.09	107	225300	45.107	ng	99
37) 2-Methylnaphthalene	12.46	142	430105	42.237	ng	96
38) 1-Methylnaphthalene	12.67	142	413031	42.964	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	241849	41.132	ng	99

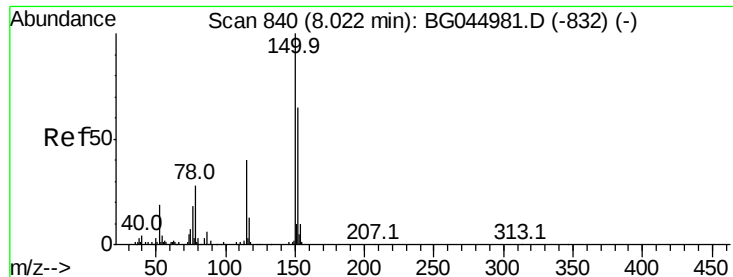
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045205.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	334974	91.150	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	180498	43.496	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	194643	41.207	ng	99
46) 1,1'-Biphenyl	13.47	154	556724	40.109	ng	99
47) 2-Chloronaphthalene	13.51	162	433269	40.852	ng	98
48) 2-Nitroaniline	13.70	65	144679	41.461	ng	97
49) Acenaphthylene	14.35	152	723580	41.885	ng	99
50) Dimethylphthalate	14.08	163	616429	41.456	ng	99
51) 2,6-Dinitrotoluene	14.20	165	140302	42.185	ng	96
52) Acenaphthene	14.70	154	461058	39.445	ng	100
53) 3-Nitroaniline	14.52	138	93055	25.511	ng	97
54) 2,4-Dinitrophenol	14.74	184	179862	90.946	ng	94
55) Dibenzofuran	15.03	168	716381	42.039	ng	98
56) 4-Nitrophenol	14.85	139	227588	80.468	ng	96
57) 2,4-Dinitrotoluene	14.99	165	201968	41.554	ng	98
58) Fluorene	15.68	166	600655	43.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	190871	45.414	ng	99
60) Diethylphthalate	15.45	149	638236	41.169	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	329501	41.127	ng	98
62) 4-Nitroaniline	15.69	138	139605	36.899	ng	98
63) Azobenzene	15.96	77	604625	42.302	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	132454	44.470	ng	98
66) n-Nitrosodiphenylamine	15.89	169	541979	41.628	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	234476	40.109	ng	98
68) Hexachlorobenzene	16.69	284	255418	42.128	ng	99
69) Atrazine	16.84	200	226505	48.018	ng	95
70) Pentachlorophenol	17.03	266	315923	84.940	ng	98
71) Phenanthrene	17.42	178	990700	42.545	ng	99
72) Anthracene	17.51	178	1024077	43.842	ng	100
73) Carbazole	17.78	167	934234	39.413	ng	96
74) Di-n-butylphthalate	18.34	149	1130692	43.636	ng	99
75) Fluoranthene	19.43	202	1261218	46.252	ng	98
77) Benzidine	19.61	184	676715	56.306	ng	98
78) Pyrene	19.79	202	1238982	42.160	ng	98
80) Butylbenzylphthalate	20.68	149	506426	41.574	ng	99
81) Benzo(a)anthracene	21.63	228	1177099	42.605	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	349259	31.760	ng	98
83) Chrysene	21.69	228	1151081	43.362	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	718526	42.888	ng	100
85) Di-n-octyl phthalate	22.74	149	1234063	42.596	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1550600	43.995	ng	98
88) Benzo(b)fluoranthene	23.82	252	1293189	43.315	ng	99
89) Benzo(k)fluoranthene	23.88	252	1261851	44.443	ng	99
90) Benzo(a)pyrene	24.67	252	1204152	42.718	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1259134	44.329	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1255094	44.074	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

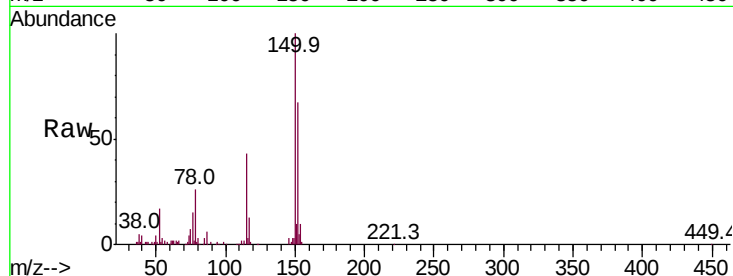
Tot Ion:152 Resp: 59412

Ion Ratio Lower Upper

152 100

150 148.7 123.6 185.4

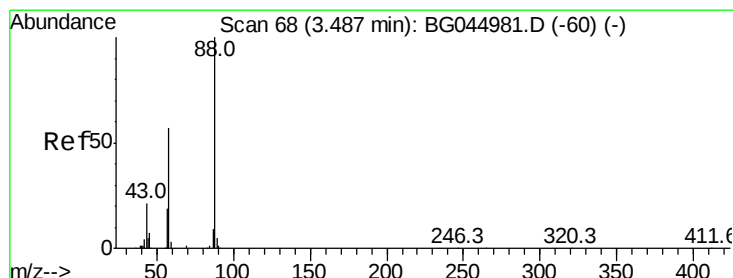
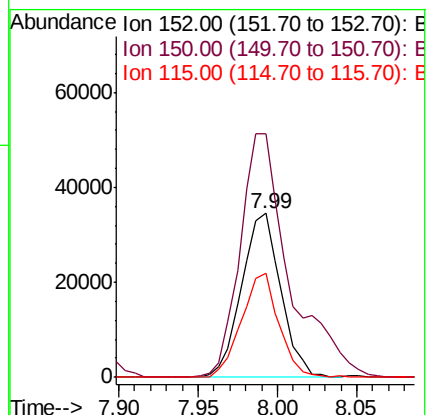
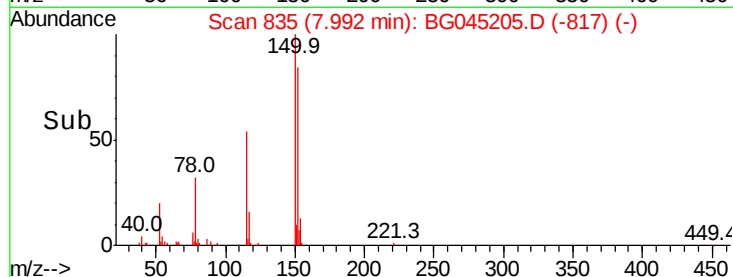
115 63.9 49.1 73.7



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: 33.332 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

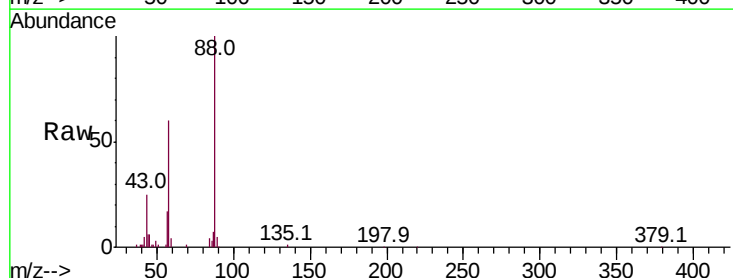
Tgt Ion: 88 Resp: 53307

Ion Ratio Lower Upper

88 100

58 61.5 46.6 69.8

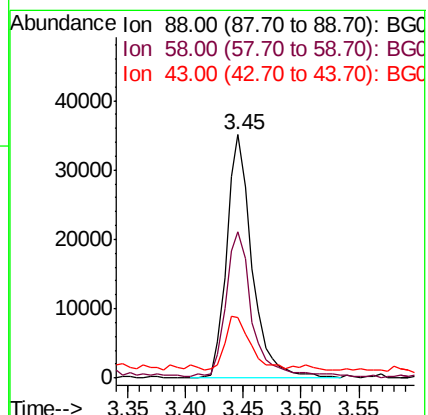
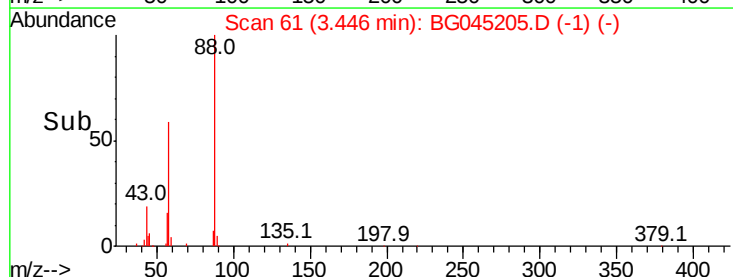
43 22.0 17.5 26.3

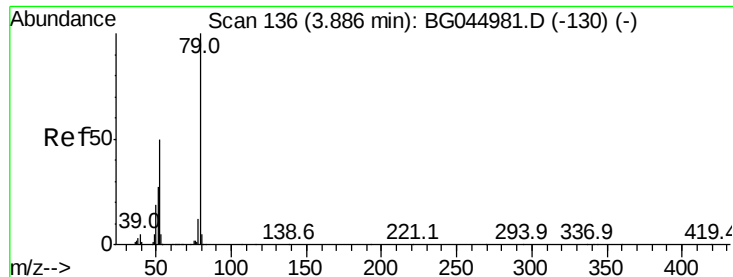


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.591 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

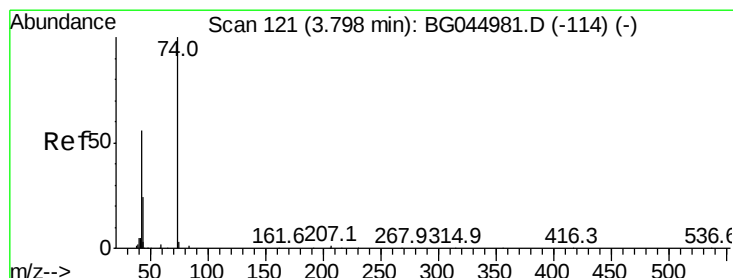
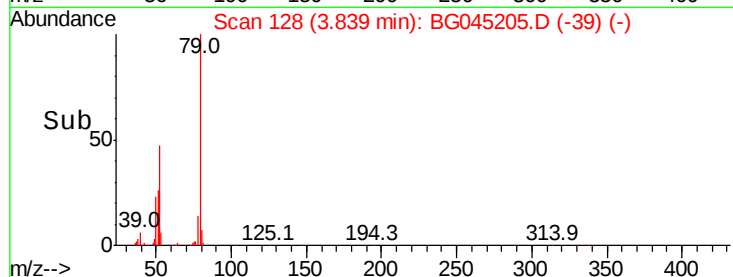
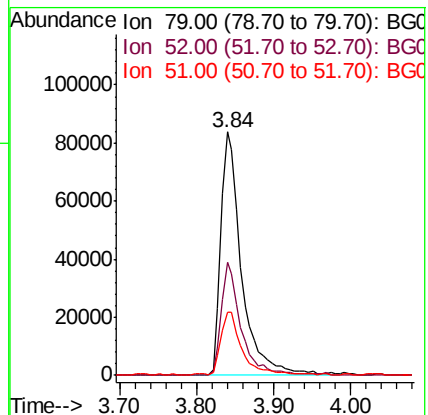
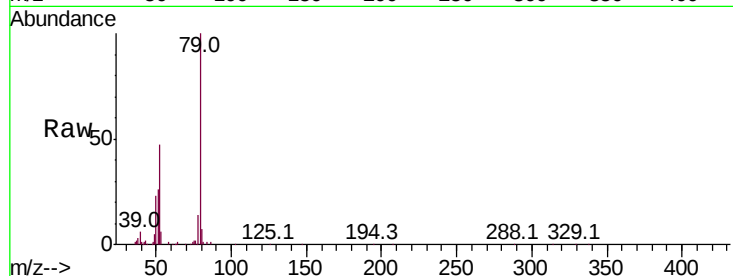
Tot Ion: 79 Resp: 155560

Ion Ratio Lower Upper

79 100

52 46.6 39.8 59.6

51 25.9 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 39.303 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

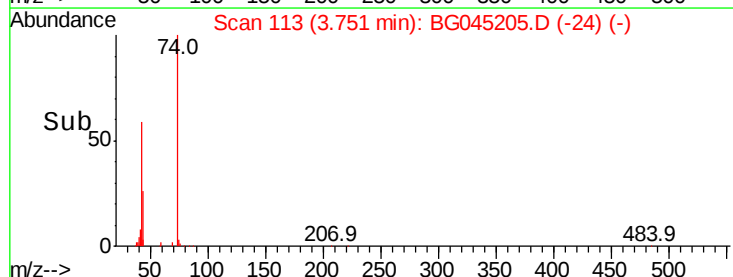
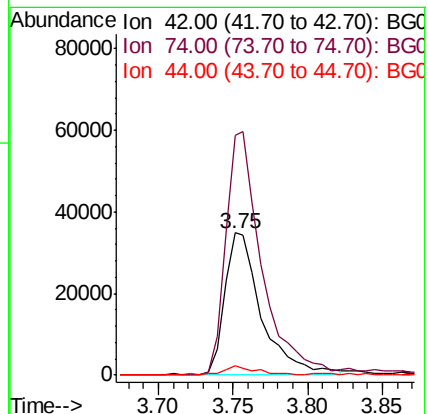
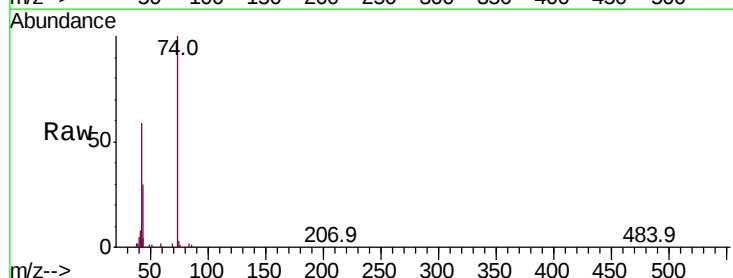
Tgt Ion: 42 Resp: 59288

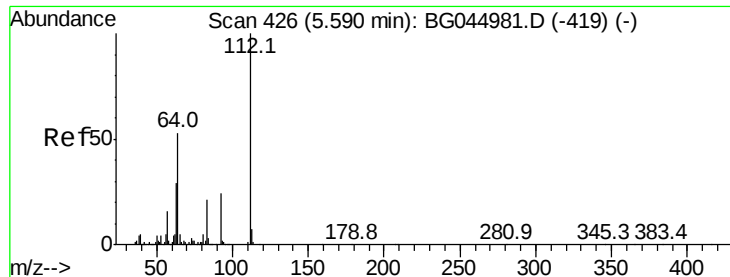
Ion Ratio Lower Upper

42 100

74 168.2 143.0 214.6

44 6.5 4.6 6.8





#5

2-Fluorophenol

Concen: 90.340 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

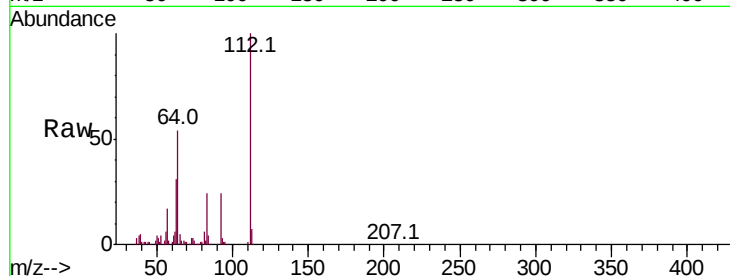
Tot Ion:112 Resp: 325102

Ion Ratio Lower Upper

112 100

64 54.2 42.4 63.6

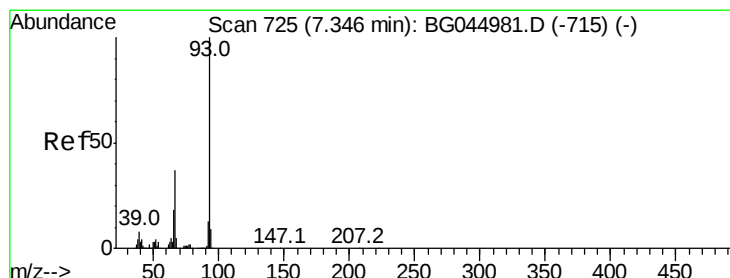
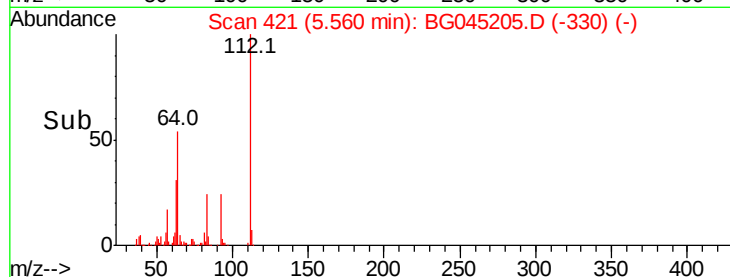
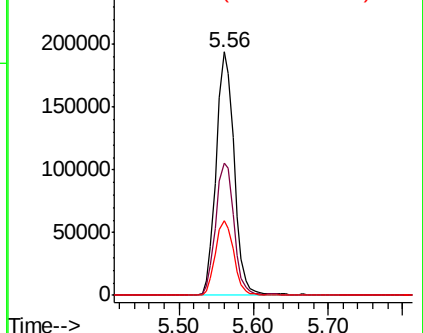
63 30.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.338 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

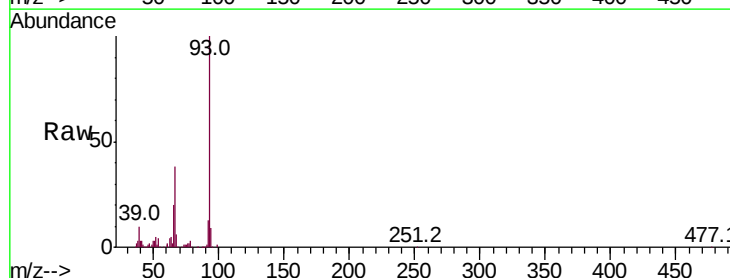
Tgt Ion: 93 Resp: 210900

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.8

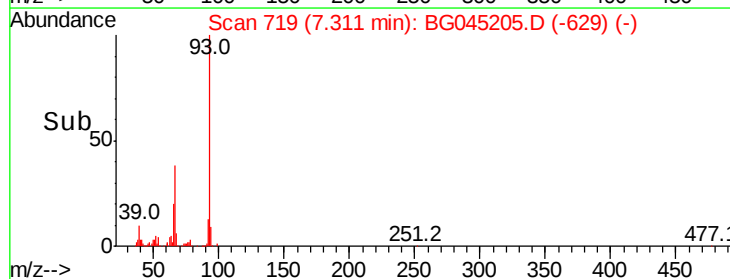
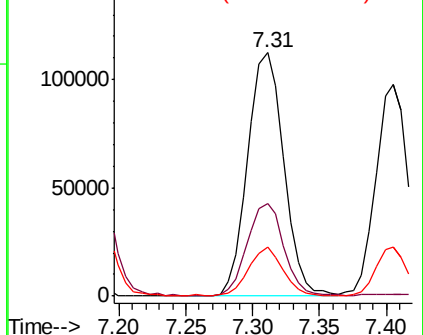
65 20.1 14.6 22.0



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: 86.030 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

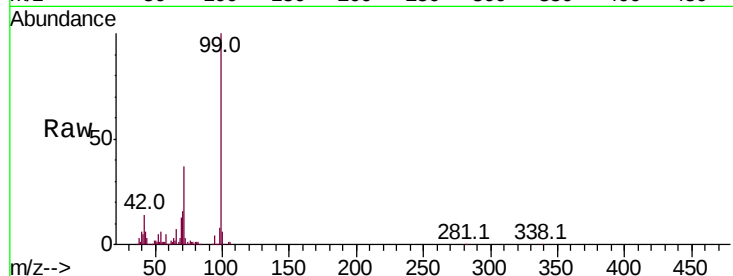
Tot Ion: 99 Resp: 459976

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

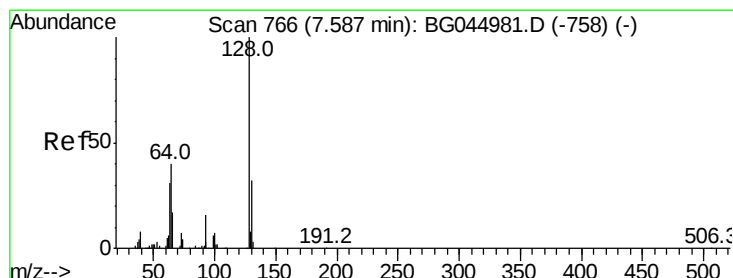
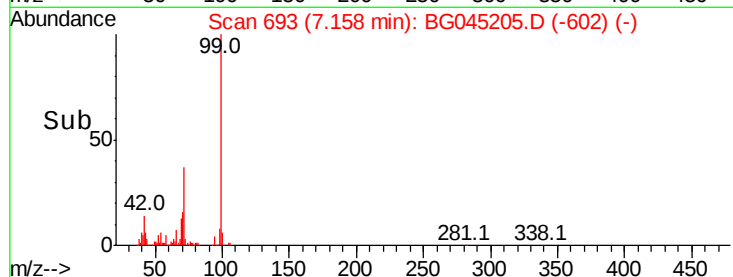
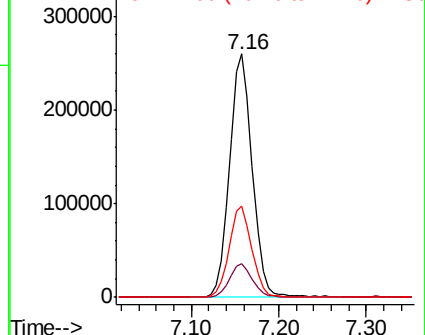
71 37.3 28.3 42.5



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: 46.678 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

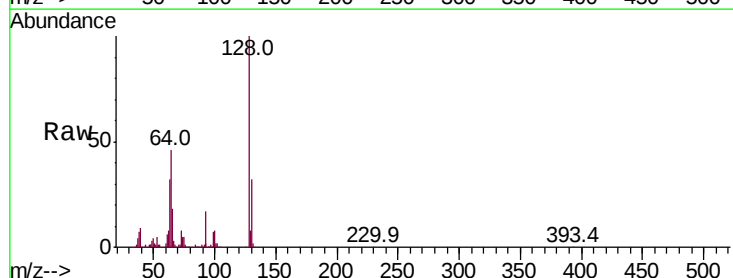
Tgt Ion: 128 Resp: 180531

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

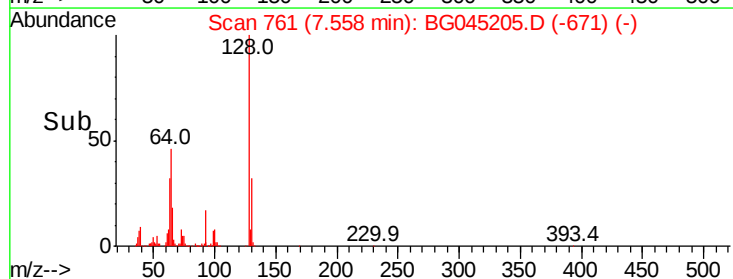
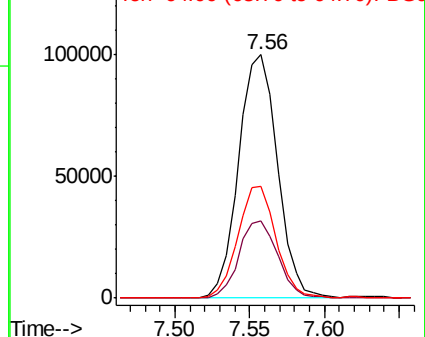
64 45.8 24.4 64.4



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: 19.192 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

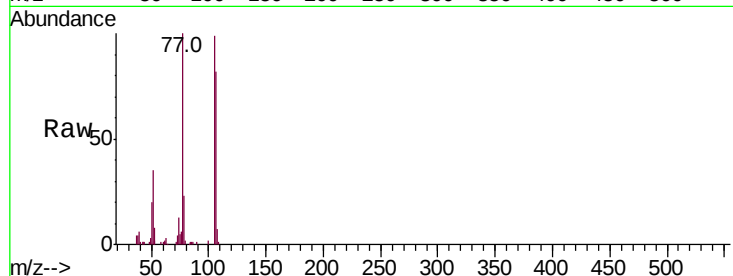
BNA_G

ClientSampleId :

PB128538BS

Tot Ion: 77 Resp: 71077

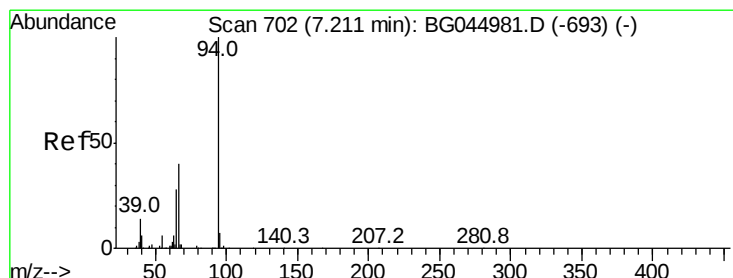
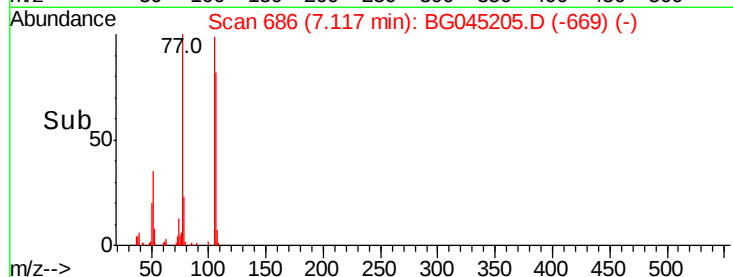
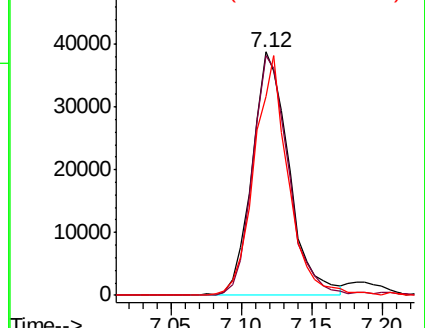
Ion	Ratio	Lower	Upper
77	100		
105	98.6	72.9	112.9
106	81.8	67.6	107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.940 ng

RT: 7.18 min Scan# 697

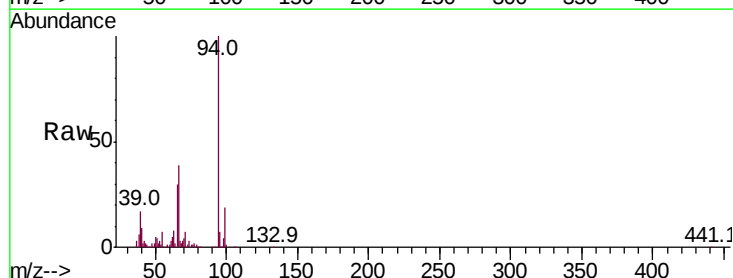
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion: 94 Resp: 240446

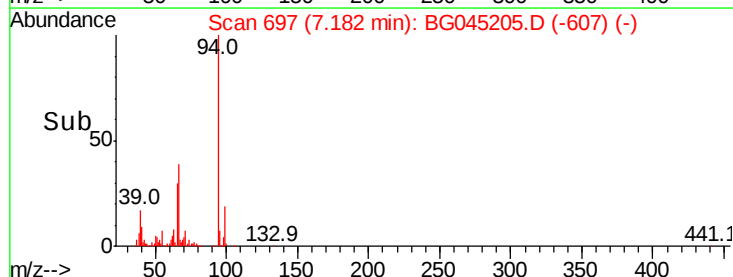
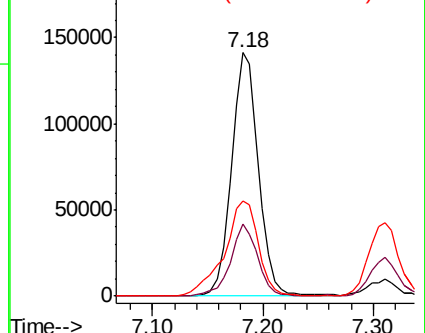
Ion	Ratio	Lower	Upper
94	100		
65	29.8	8.2	48.2
66	39.2	20.4	60.4

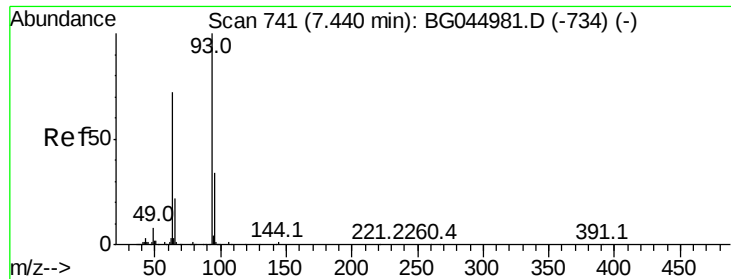


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

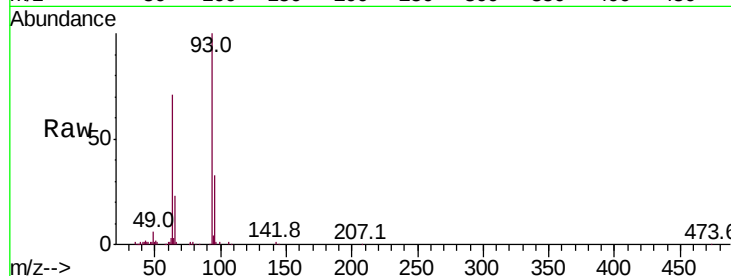




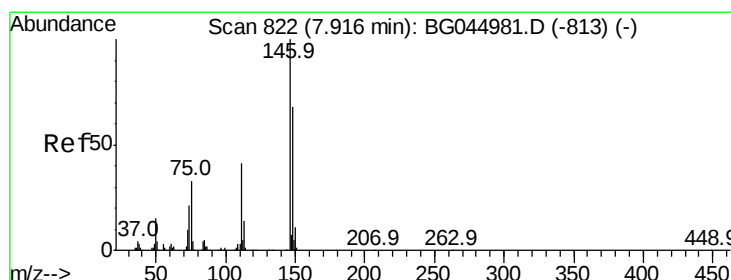
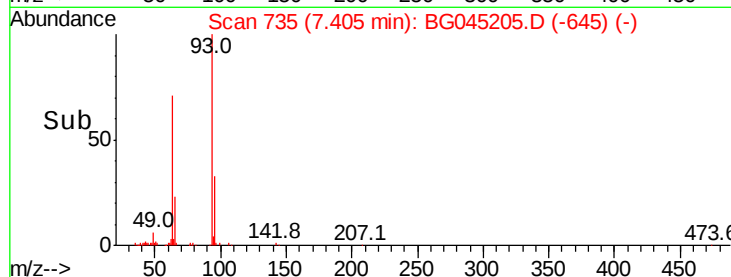
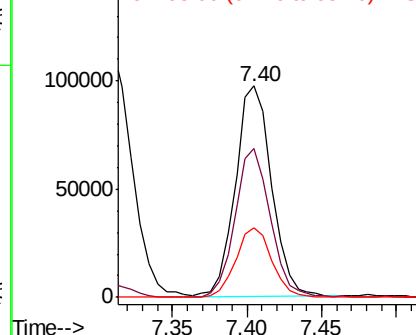
#11
bis(2-Chloroethyl)ether
Concen: 38.320 ng
RT: 7.40 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion: 93 Resp: 163238
Ion Ratio Lower Upper
93 100
63 70.6 51.8 91.8
95 33.1 13.8 53.8

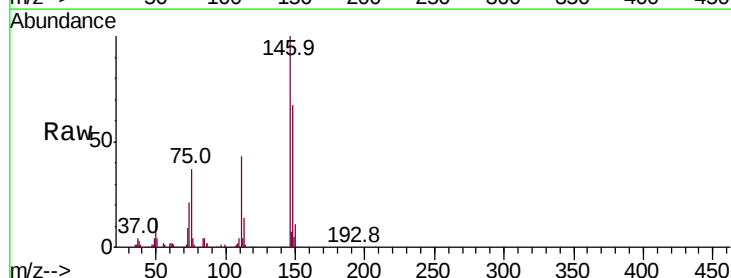


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

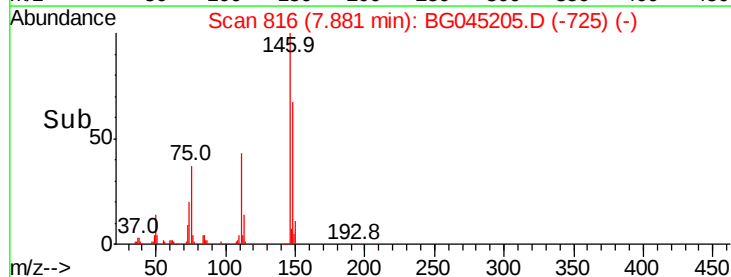
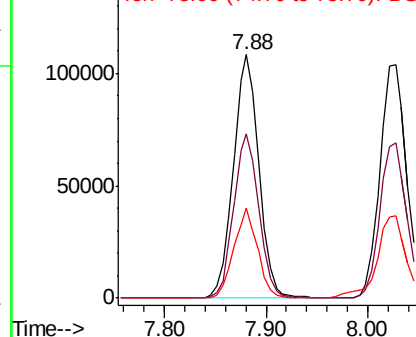


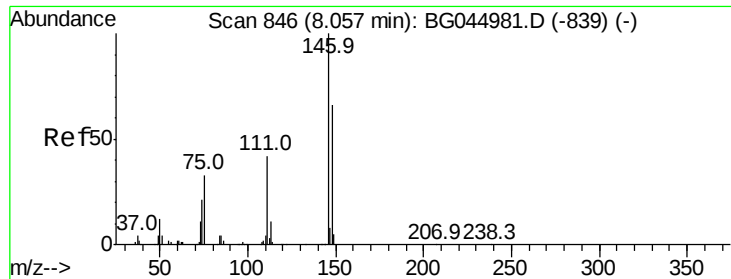
#12
1,3-Dichlorobenzene
Concen: 41.256 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion: 146 Resp: 188021
Ion Ratio Lower Upper
146 100
148 67.3 54.6 81.8
75 37.0 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

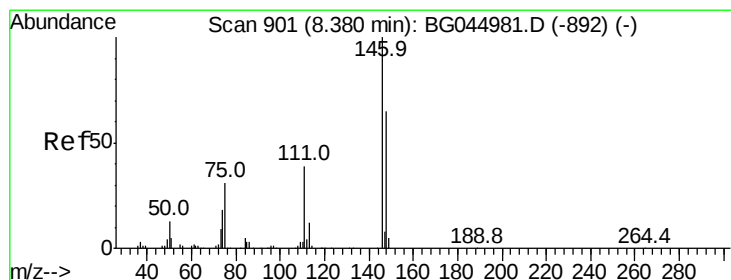
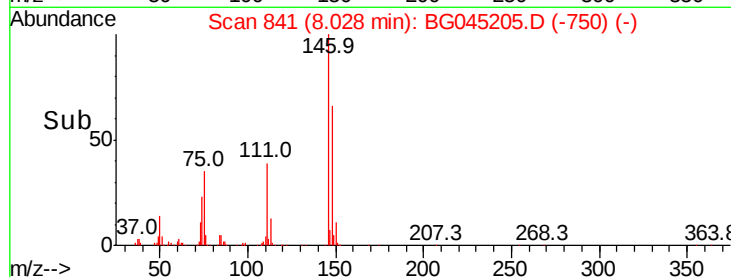
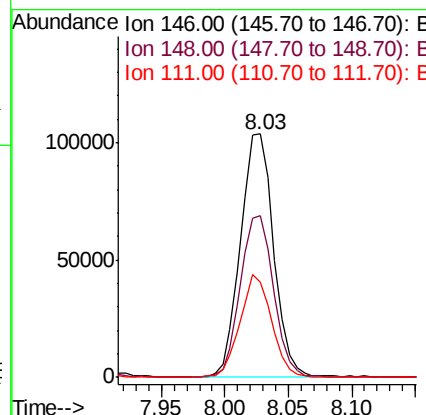
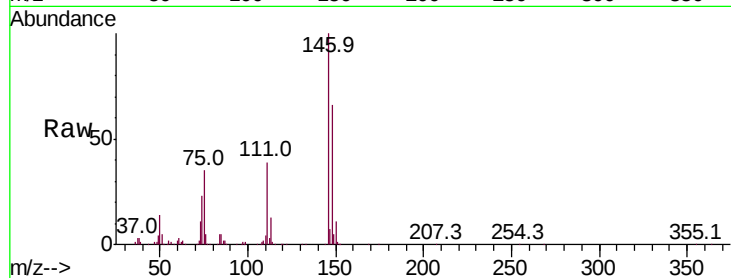




#13
 1,4-Dichlorobenzene
 Concen: 41.528 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

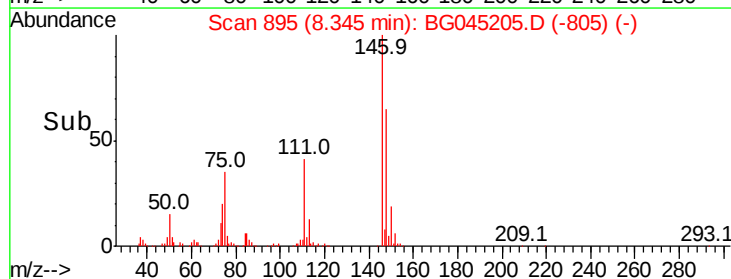
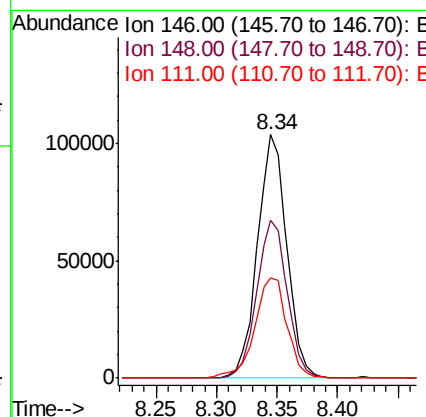
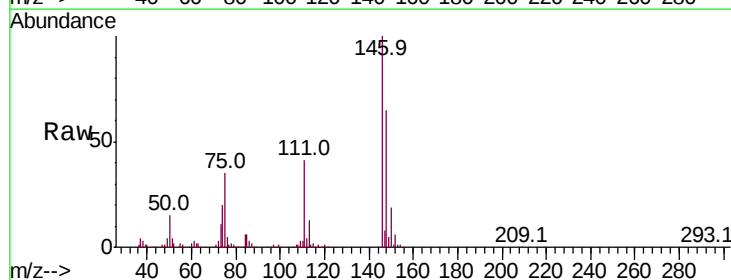
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

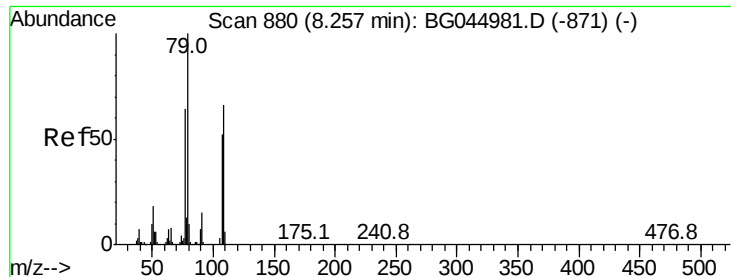
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.3	79.9
111	39.1	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 40.537 ng
 RT: 8.34 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	41.3	31.3	46.9





#15

Benzyl Alcohol

Concen: 38.870 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

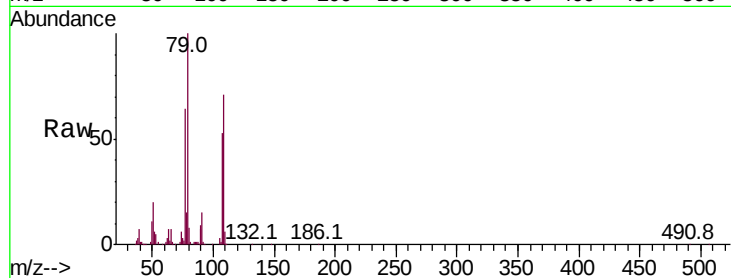
Tot Ion: 79 Resp: 174245

Ion Ratio Lower Upper

79 100

108 70.8 52.7 79.1

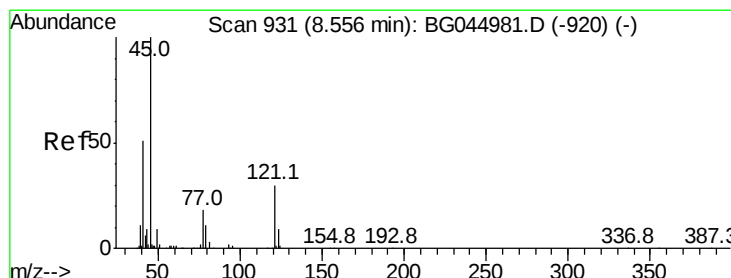
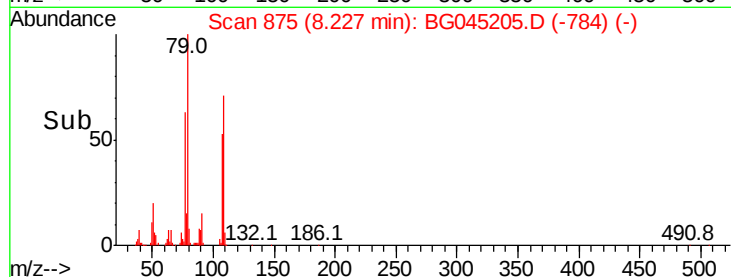
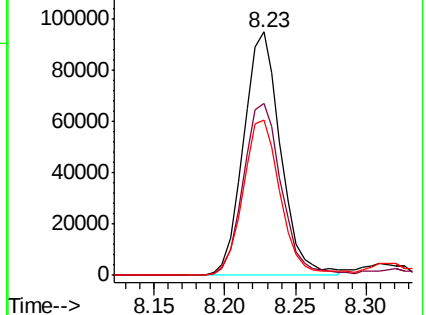
77 63.6 51.3 76.9



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: 36.341 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

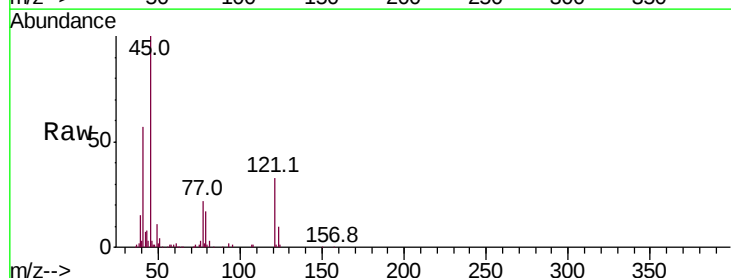
Tgt Ion: 45 Resp: 151964

Ion Ratio Lower Upper

45 100

77 22.3 1.9 41.9

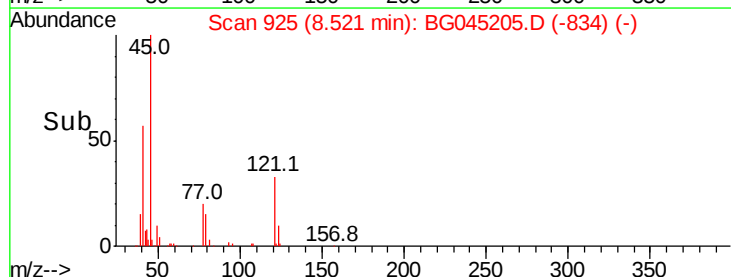
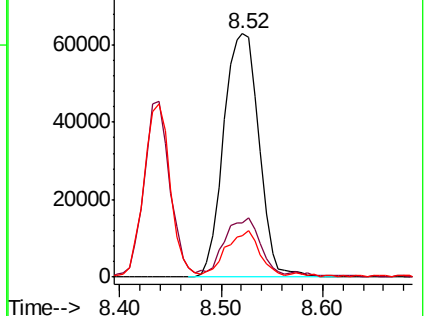
79 16.9 0.0 35.5

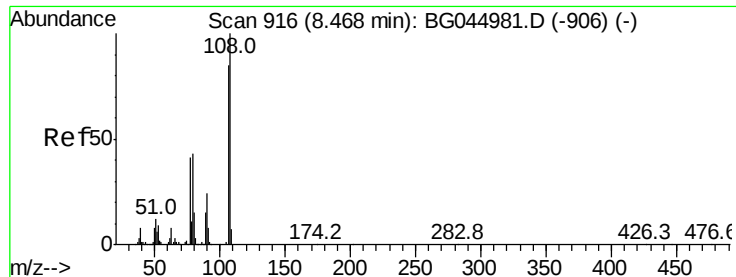


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.221 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

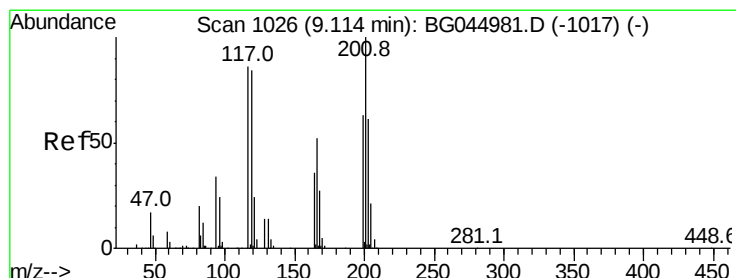
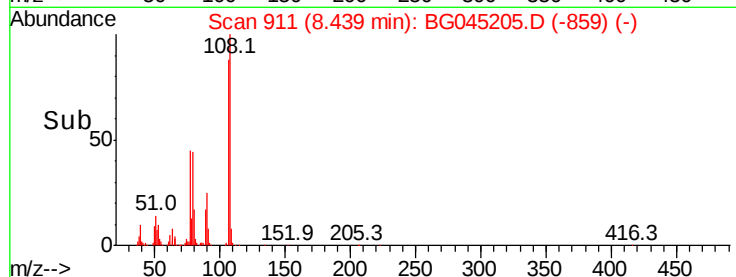
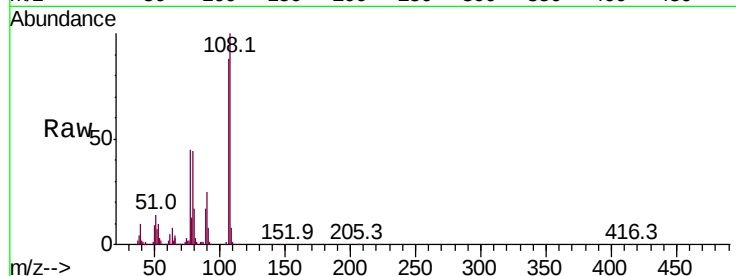
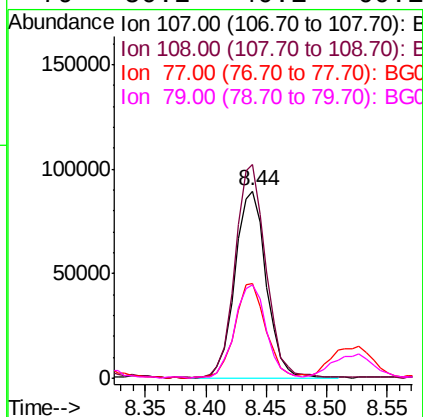
Instrument :

BNA_G

ClientSampleId :

PB128538BS

Tot Ion:	107	Resp:	161907
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.8	140.6
77	50.9	38.5	57.7
79	50.2	40.1	60.1



#18

Hexachloroethane

Concen: 43.227 ng

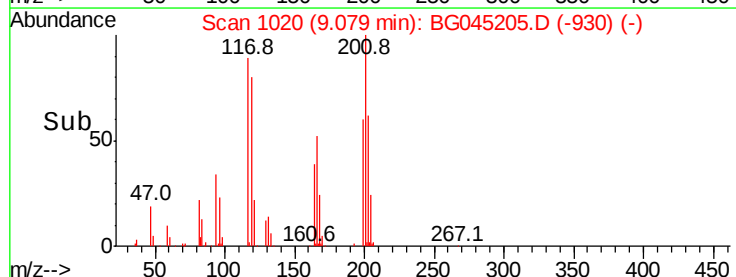
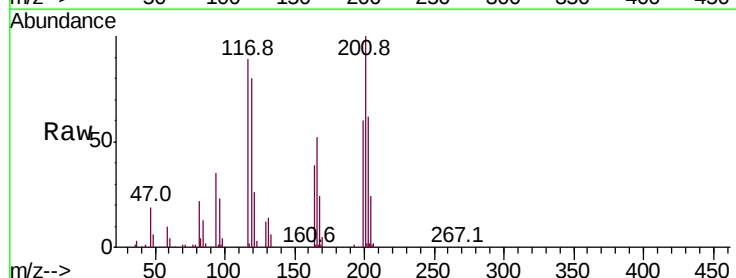
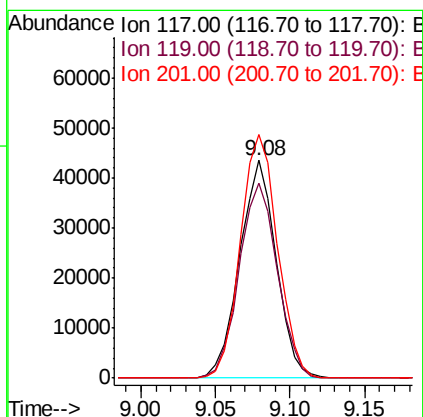
RT: 9.08 min Scan# 1020

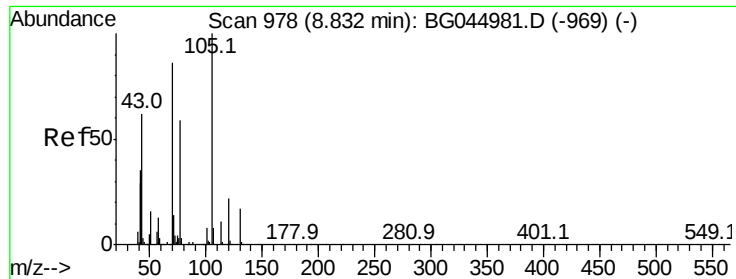
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	117	Resp:	73796
Ion	Ratio	Lower	Upper
117	100		
119	89.6	78.3	117.5
201	111.8	92.9	139.3

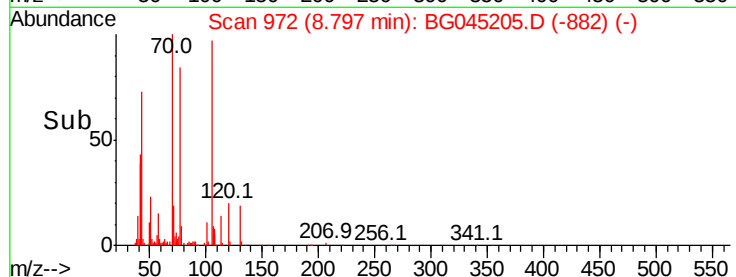
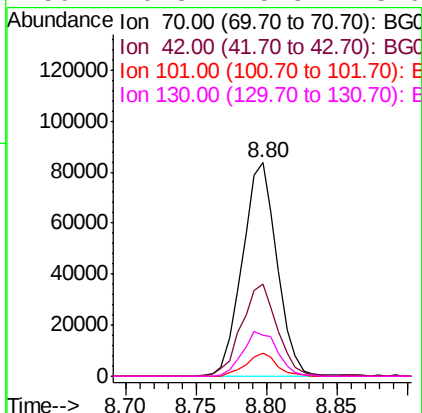
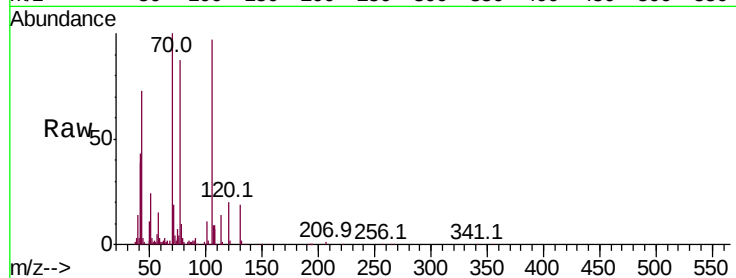




#19
n-Nitroso-di-n-propylamine
Concen: 38.008 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

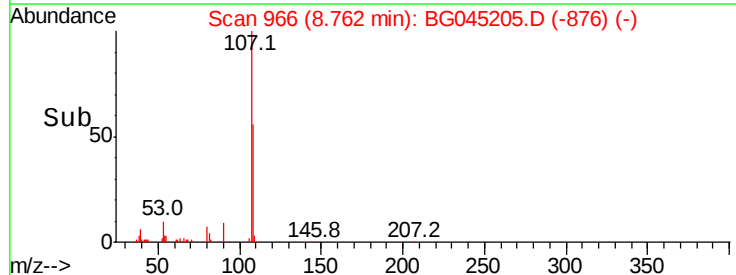
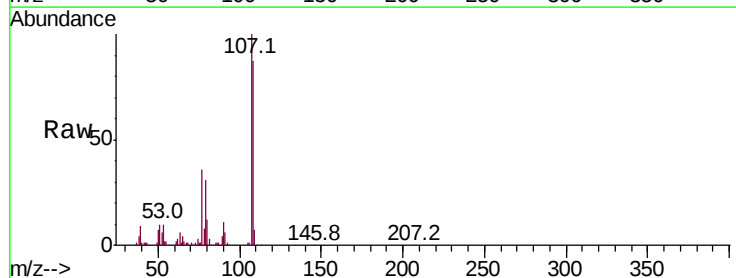
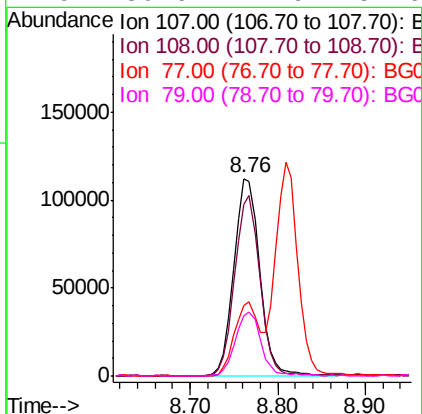
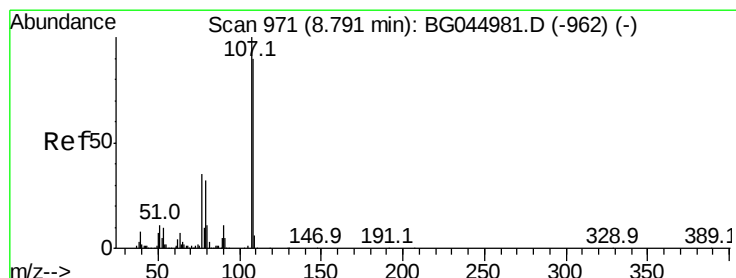
Instrument :
BNA_G
ClientSampleId :
PB128538BS

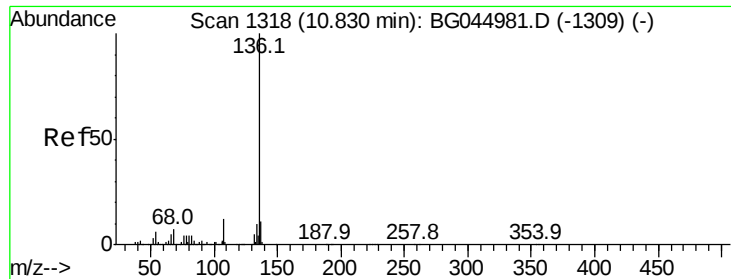
Tot Ion:	70	Resp:	143715
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.3	49.9
101	10.9	7.8	11.8
130	19.3	15.8	23.6



#20
3+4-Methylphenols
Concen: 39.001 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:	107	Resp:	225353
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.9	109.9
77	35.9	15.2	55.2
79	30.6	11.6	51.6

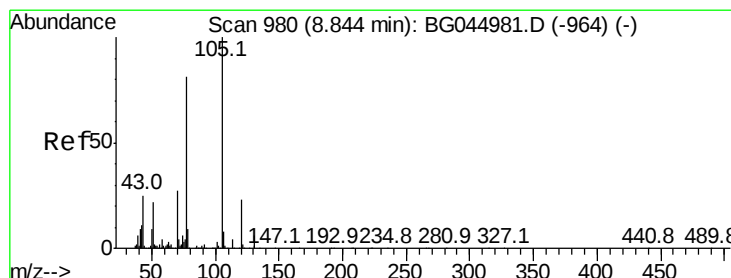
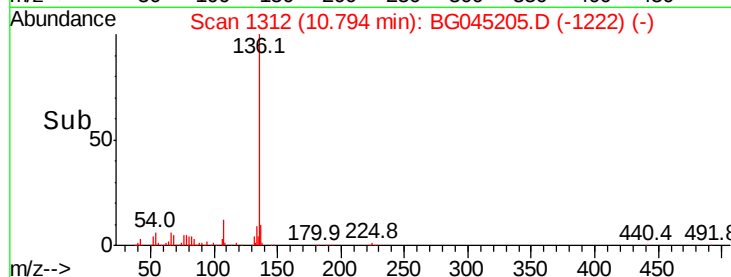
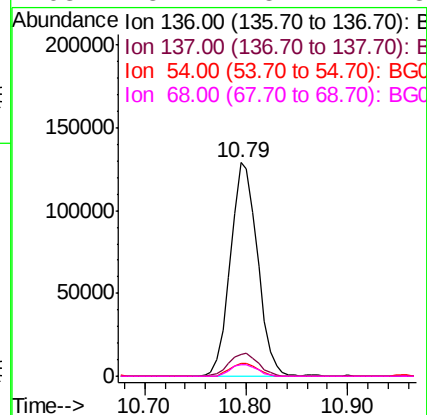
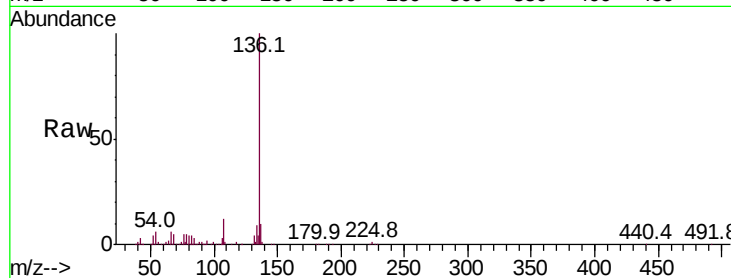




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

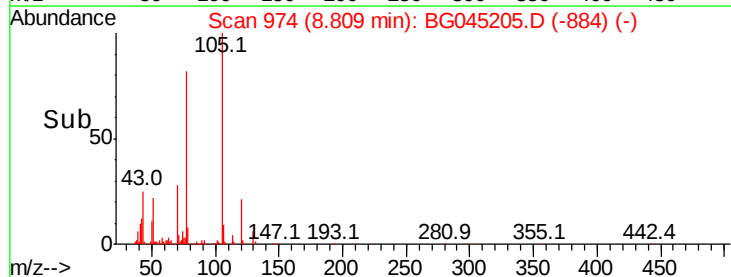
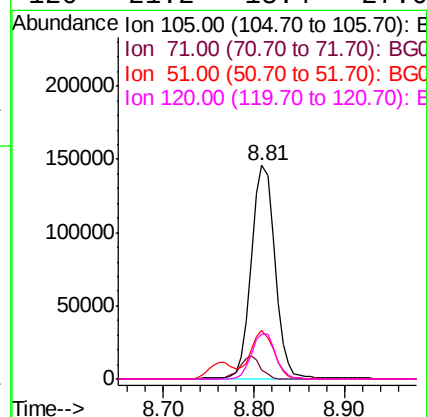
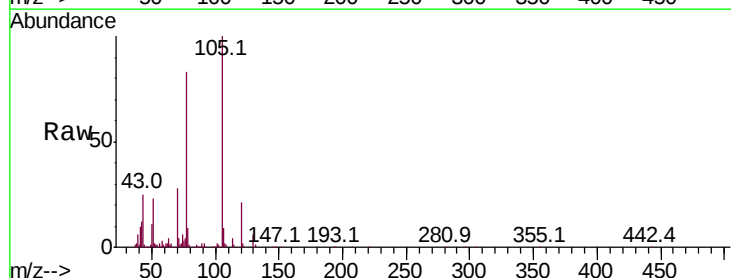
Instrument :
BNA_G
ClientSampleId :
PB128538BS

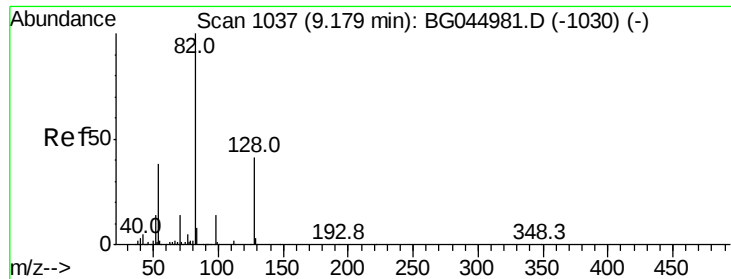
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.2	4.8	7.2
68	5.2	5.2	7.8#



#22
Acetophenone
Concen: 41.019 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.3	4.9
51	22.6	17.3	25.9
120	21.2	18.4	27.6

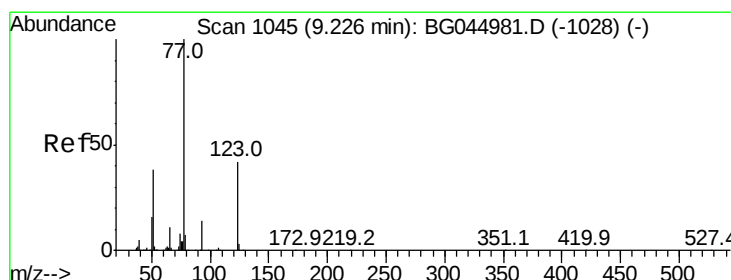
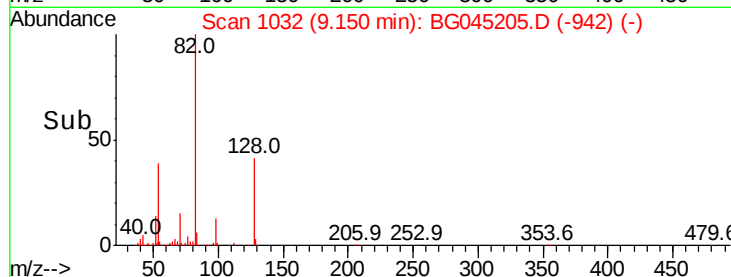
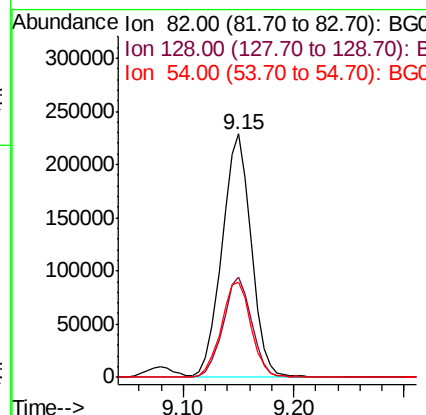
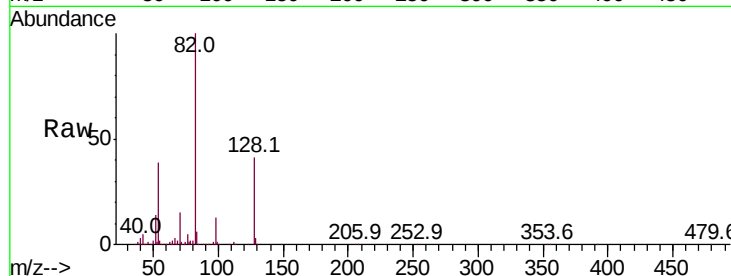




#23
 Nitrobenzene-d5
 Concen: 80.017 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

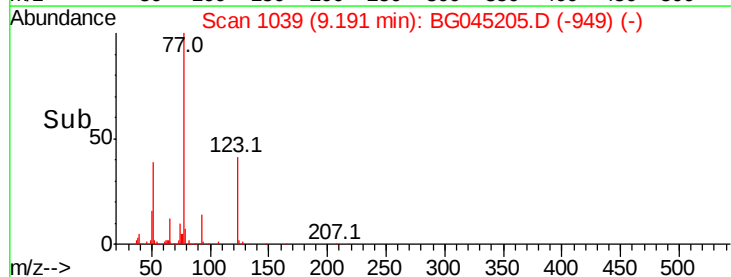
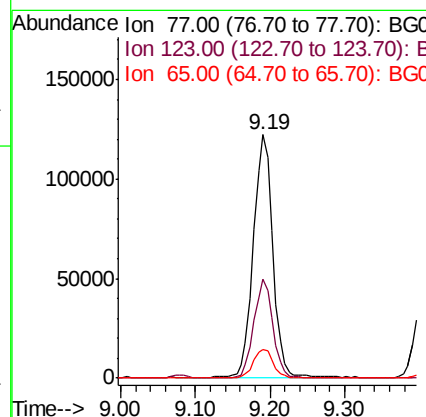
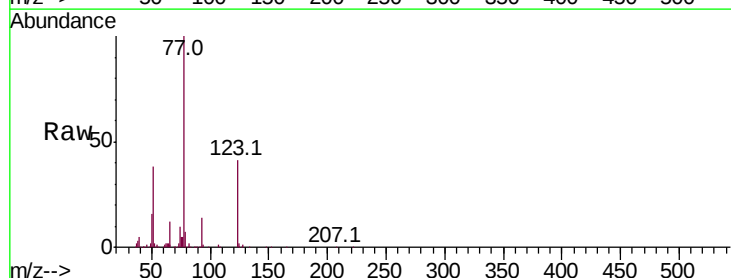
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

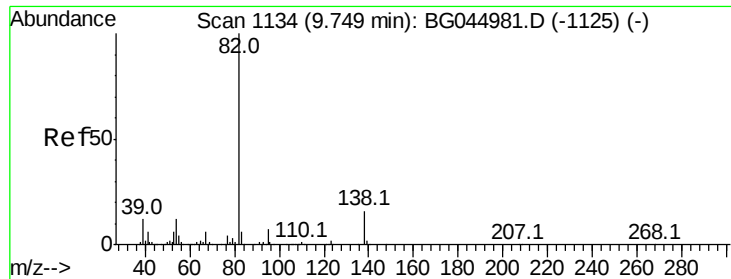
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	39.2	30.4	45.6



#24
 Nitrobenzene
 Concen: 41.230 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	11.7	8.9	13.3





#25

Isophorone

Concen: 38.339 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

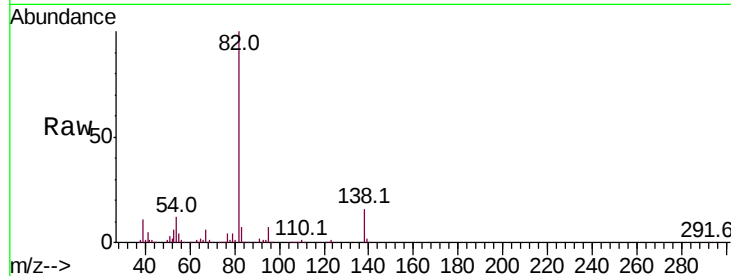
Tot Ion: 82 Resp: 412666

Ion Ratio Lower Upper

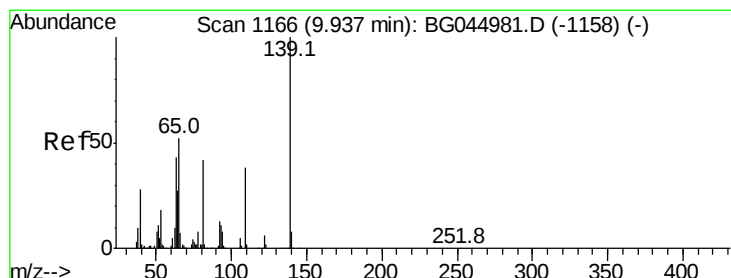
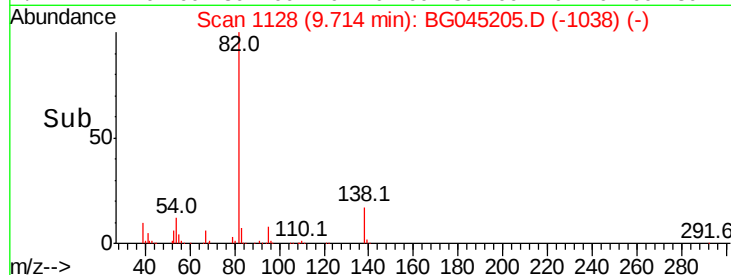
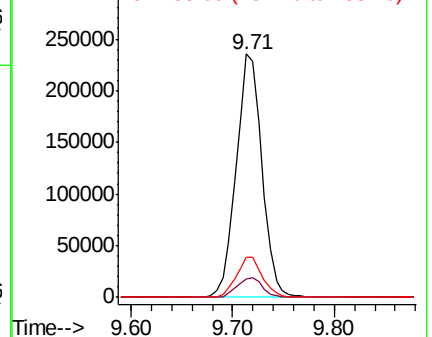
82 100

95 7.4 6.0 9.0

138 16.5 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: 44.413 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

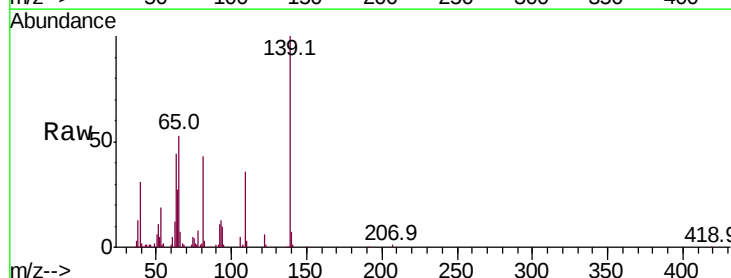
Tgt Ion: 139 Resp: 103069

Ion Ratio Lower Upper

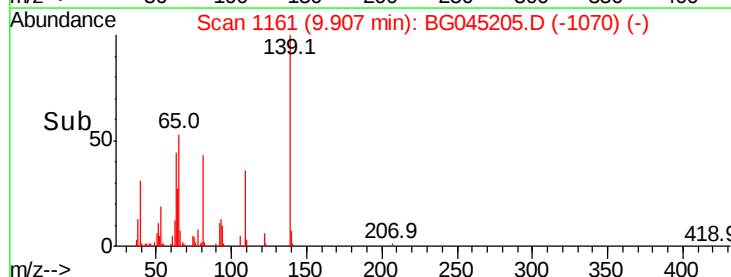
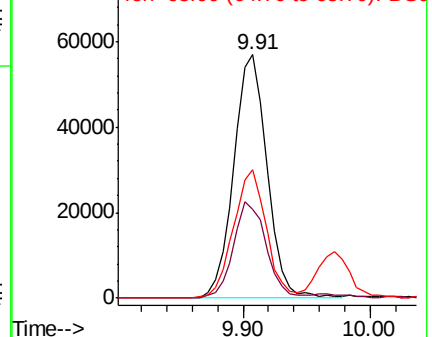
139 100

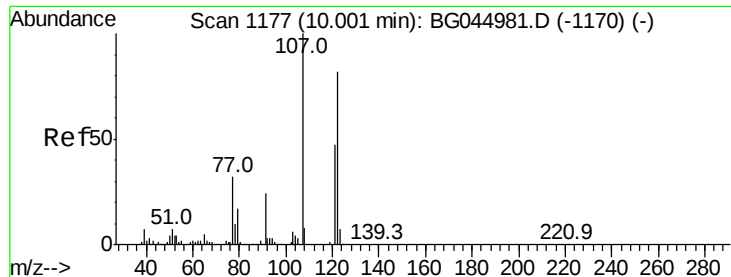
109 36.5 30.6 45.8

65 52.6 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

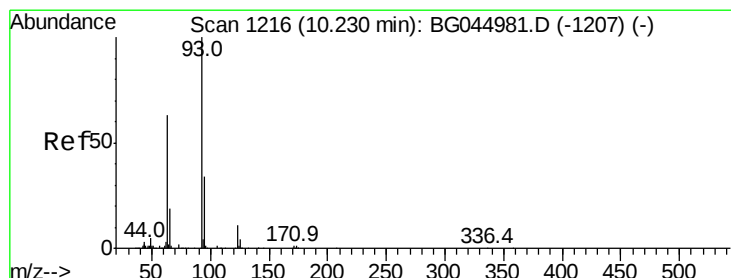
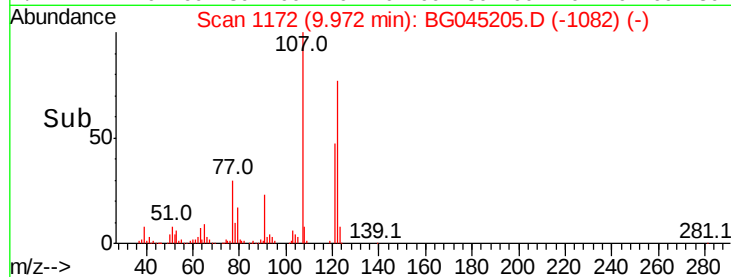
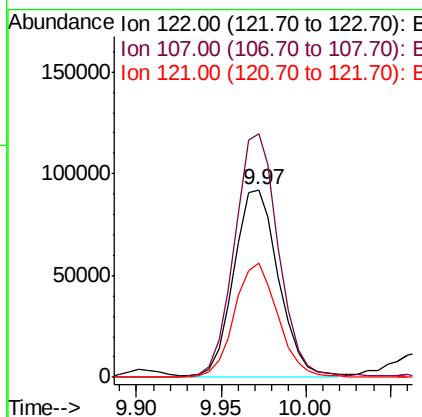
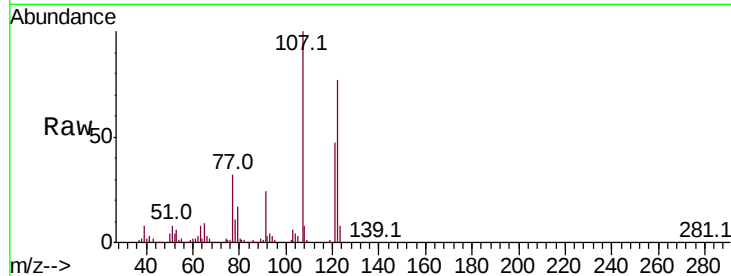




#27
2,4-Dimethylphenol
Concen: 45.843 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

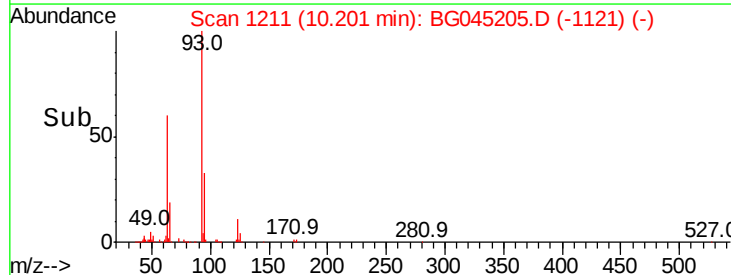
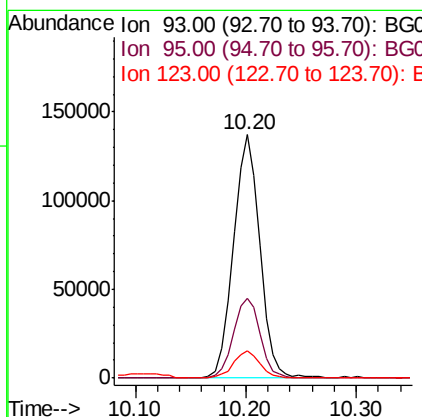
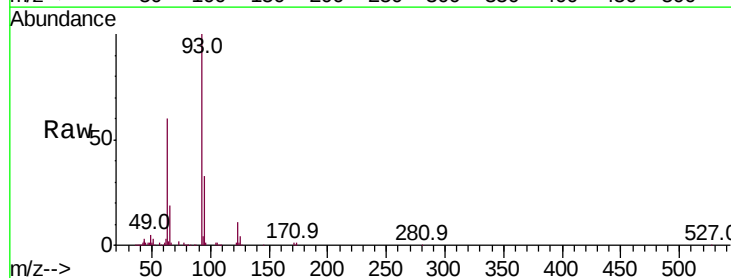
Instrument :
BNA_G
ClientSampleId :
PB128538BS

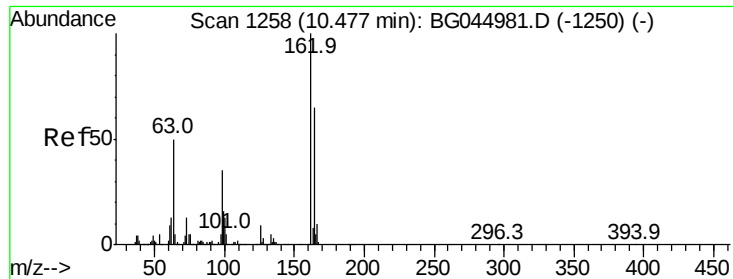
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.6	96.8	145.2
121	61.0	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.877 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.0	40.4
123	11.0	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 45.583 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

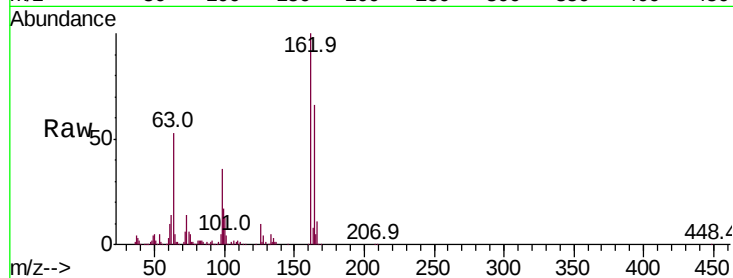
Tot Ion:162 Resp: 193810

Ion Ratio Lower Upper

162 100

164 66.2 45.0 85.0

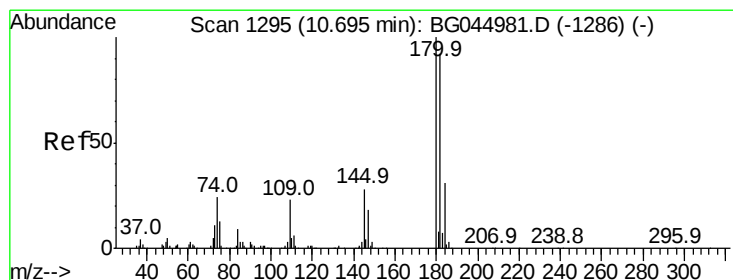
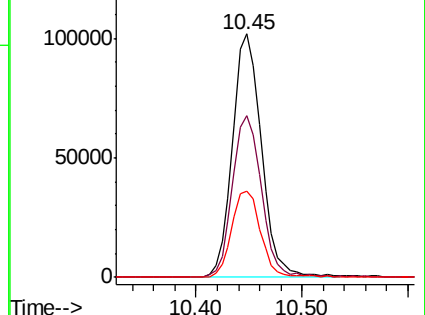
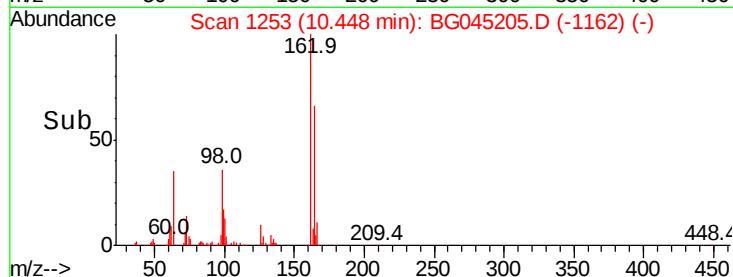
98 35.6 15.2 55.2



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: 42.236 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

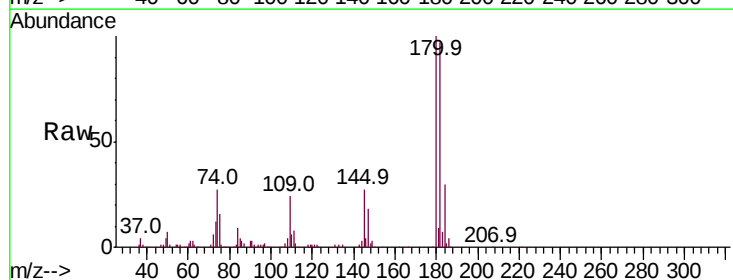
Tgt Ion:180 Resp: 203323

Ion Ratio Lower Upper

180 100

182 97.3 73.3 109.9

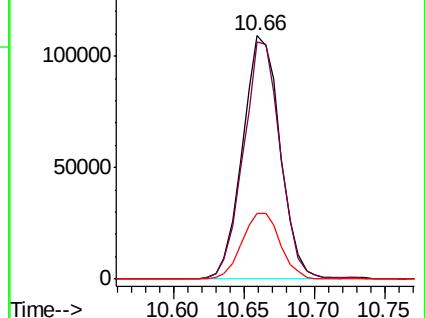
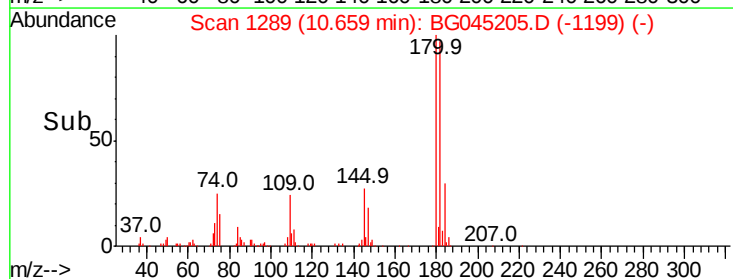
145 27.1 22.6 33.8

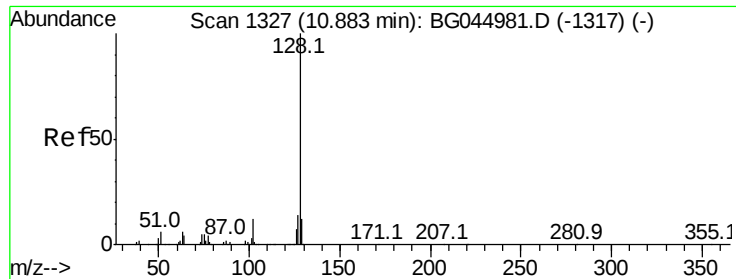


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

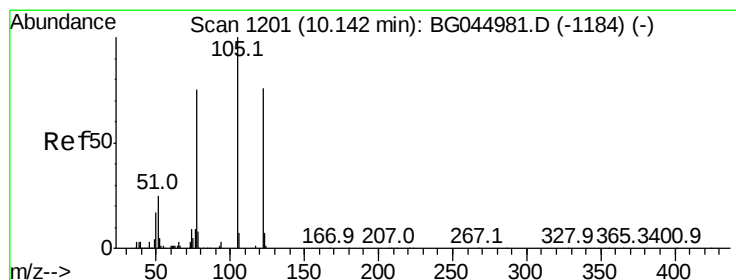
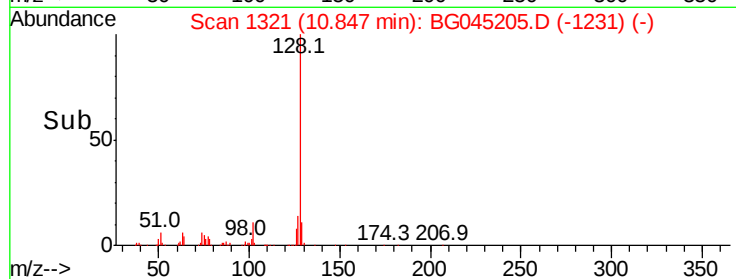
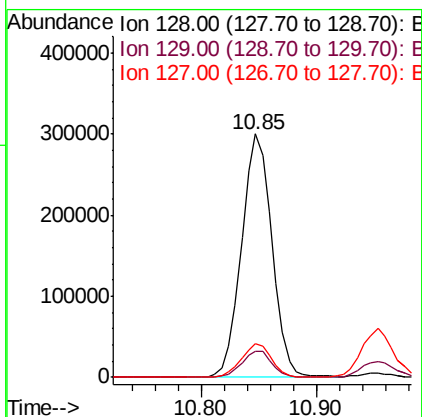
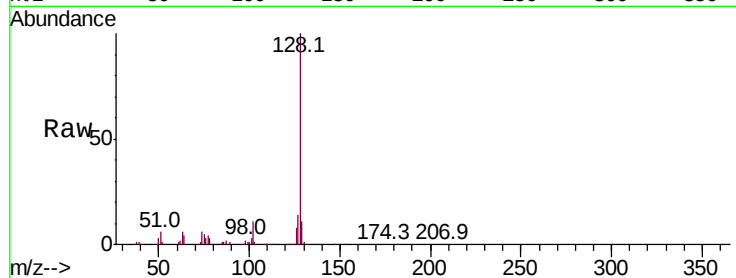




#31
Naphthalene
Concen: 41.876 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

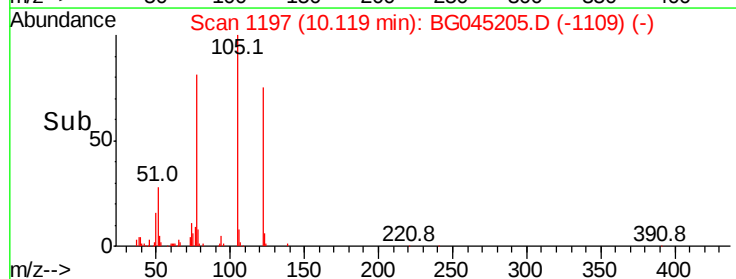
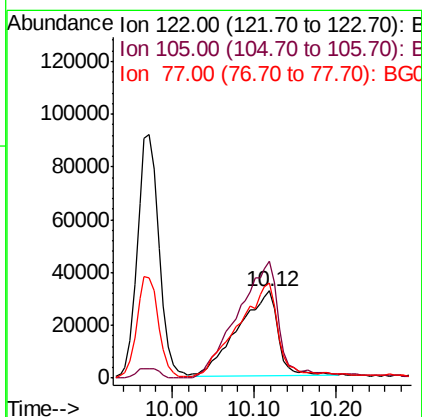
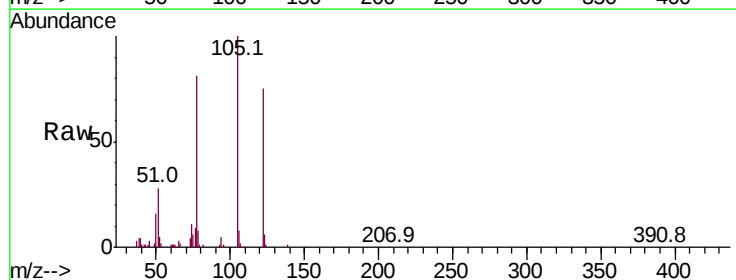
Instrument :
BNA_G
ClientSampleId :
PB128538BS

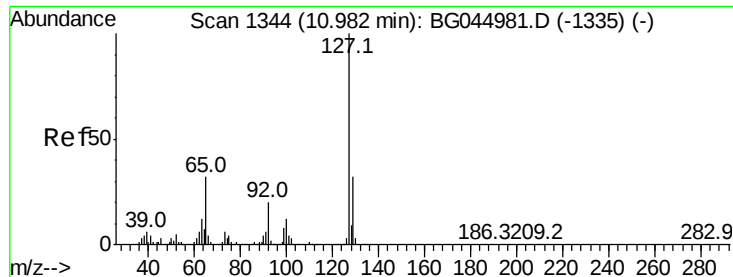
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.8	10.8	16.2



#32
Benzoic acid
Concen: 38.715 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	108.4	148.4
77	108.3	78.8	118.8

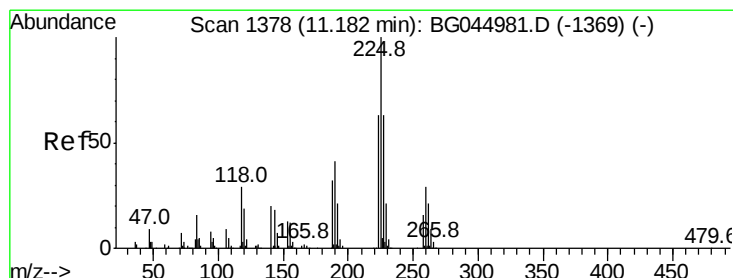
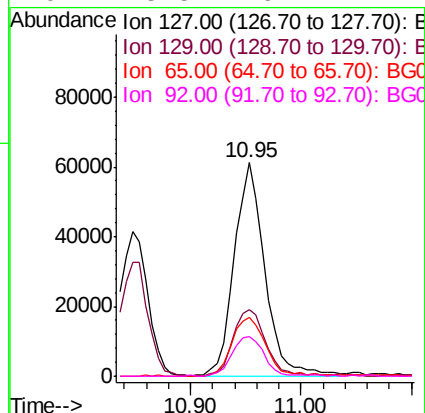
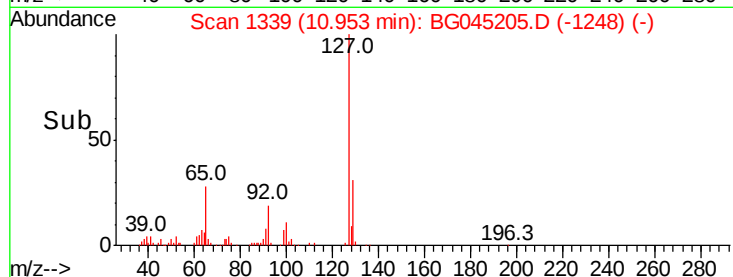
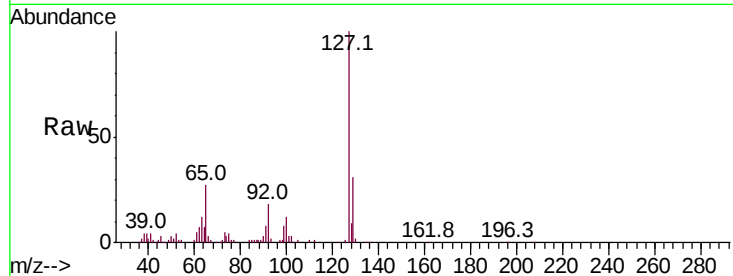




#33
4-Chloroaniline
Concen: 19.510 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

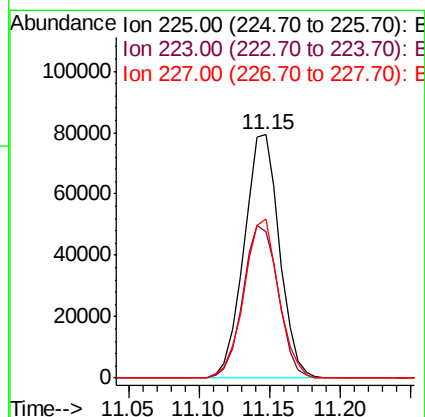
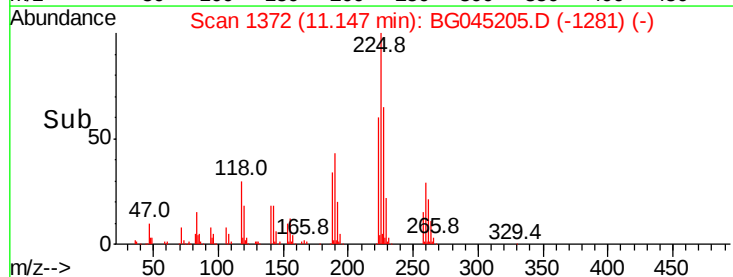
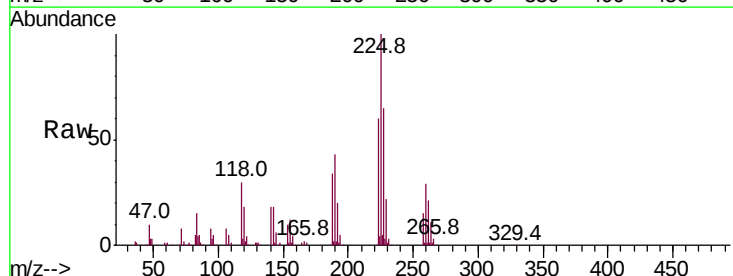
Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion:	127	Resp:	119371
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	27.4	25.4	38.2
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.196 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:	225	Resp:	139269
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.7	76.1
227	65.3	50.2	75.2





#35

Caprolactam

Concen: 25.811 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

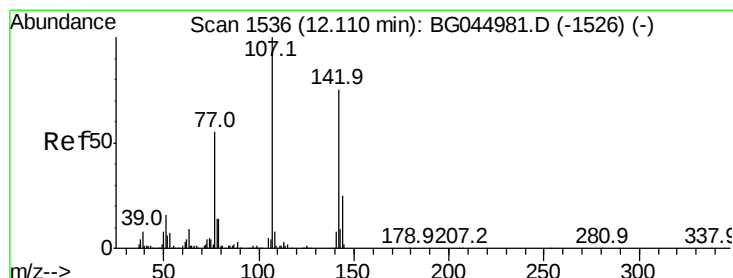
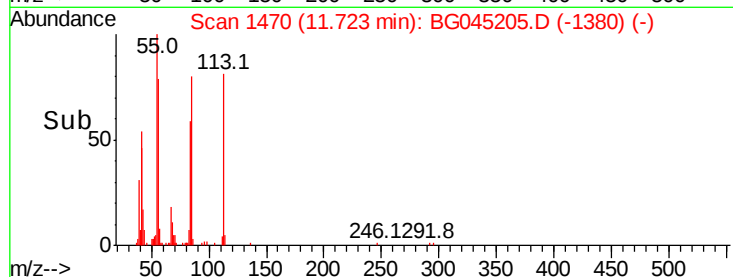
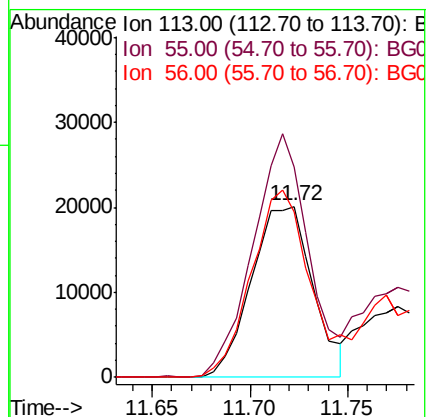
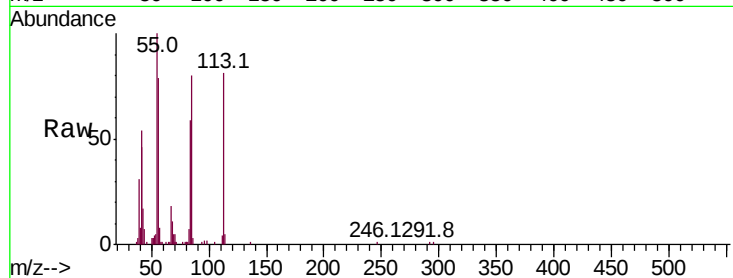
Tot Ion:113 Resp: 43678

Ion Ratio Lower Upper

113 100

55 123.4 118.8 158.8

56 96.9 82.6 122.6



#36

4-Chloro-3-methylphenol

Concen: 45.107 ng

RT: 12.09 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

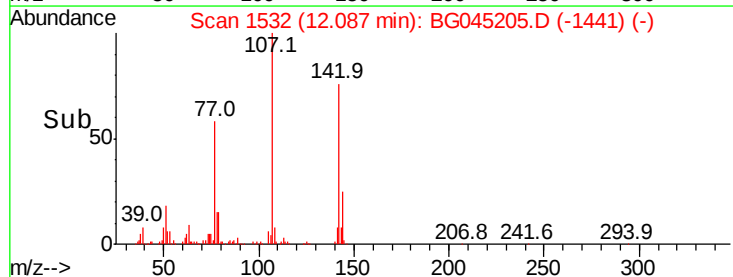
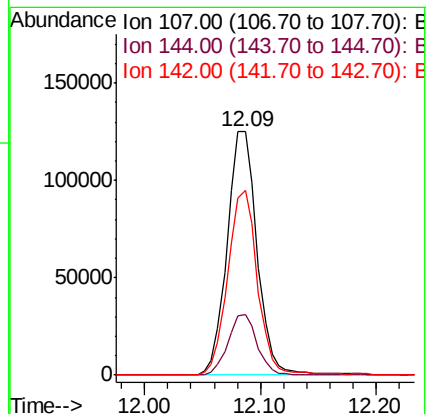
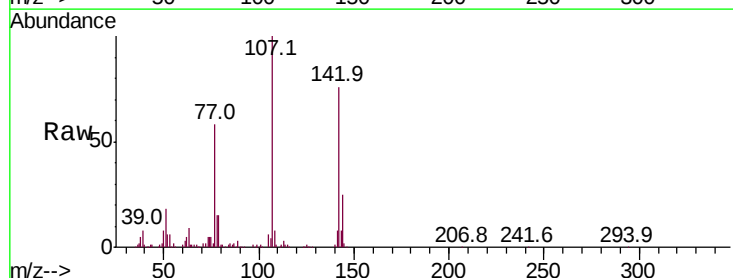
Tgt Ion:107 Resp: 225300

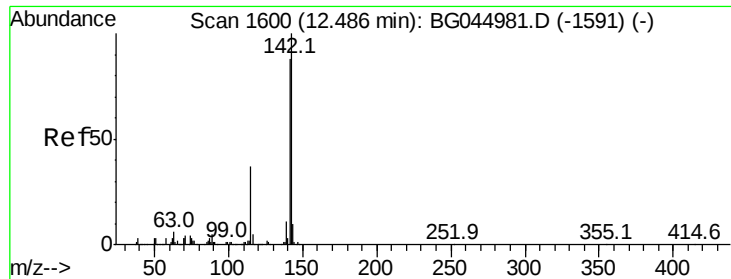
Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.6

142 75.8 59.7 89.5

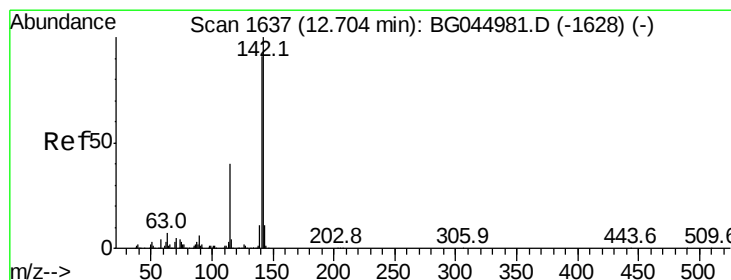
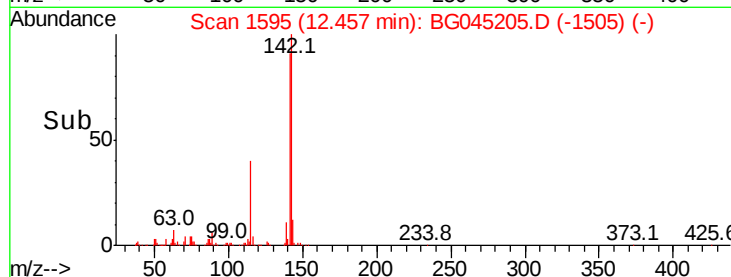
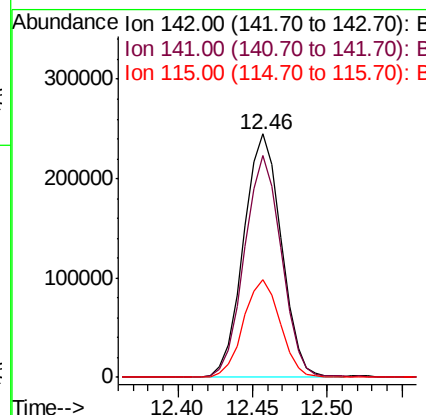
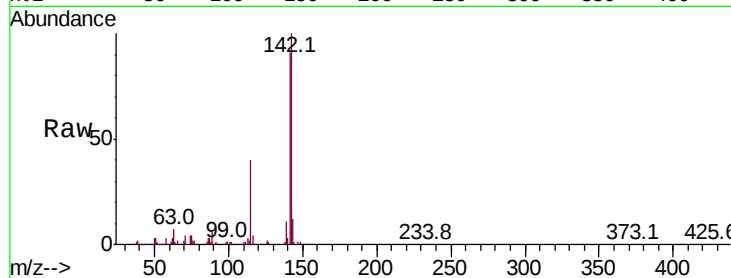




#37
 2-Methylnaphthalene
 Concen: 42.237 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

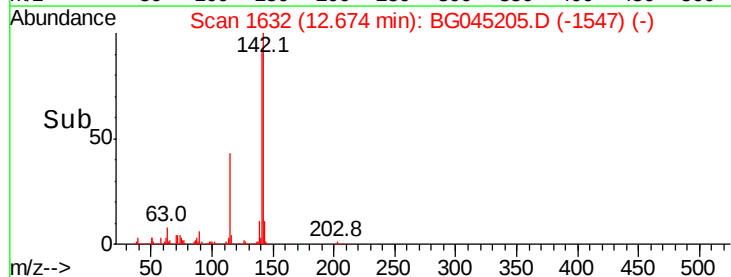
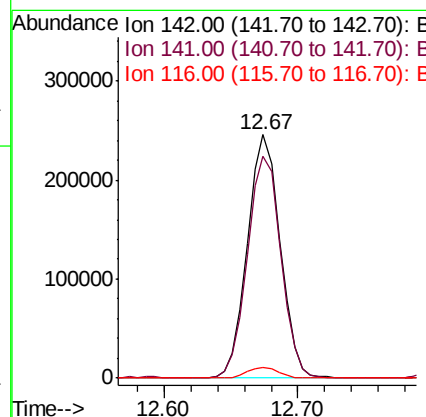
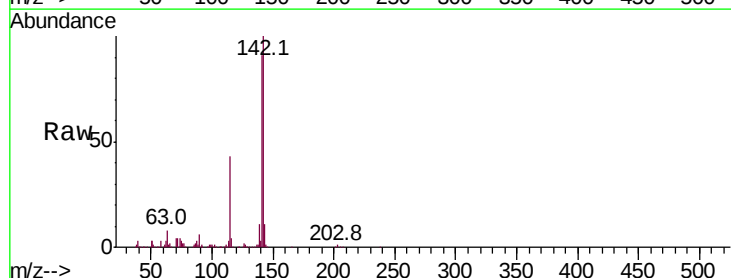
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

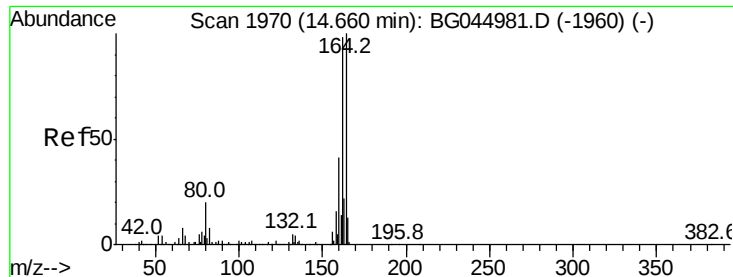
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	40.0	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 42.964 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1
116	4.5	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: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

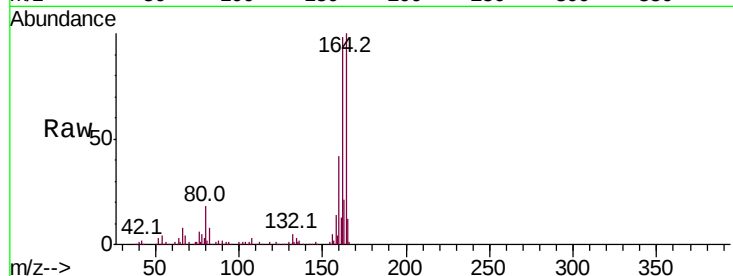
Tot Ion:164 Resp: 182617

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

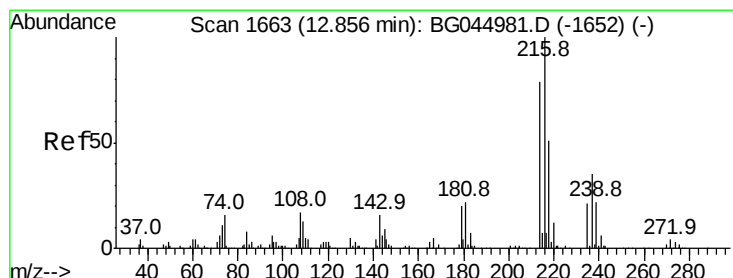
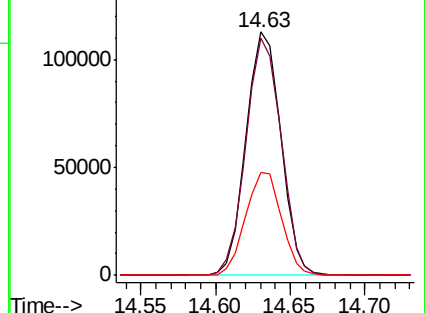
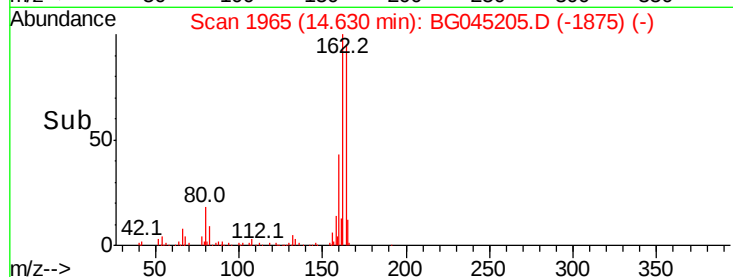
160 42.3 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.132 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:216 Resp: 241849

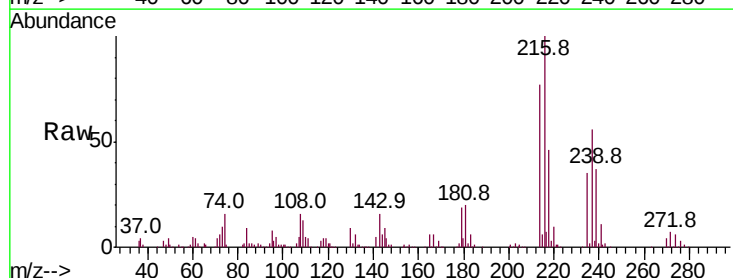
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.0 15.8 23.8

108 19.9 14.2 21.2

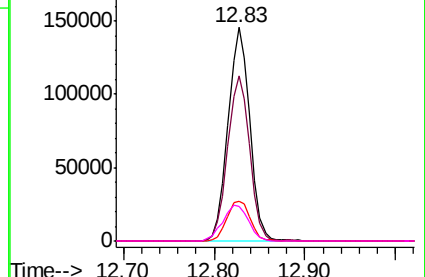
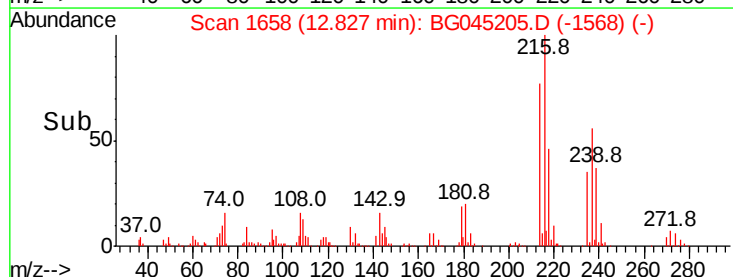


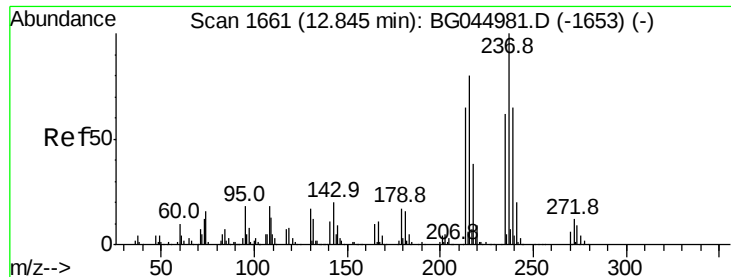
Abundance Ion 216.00 (215.70 to 216.70): E

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

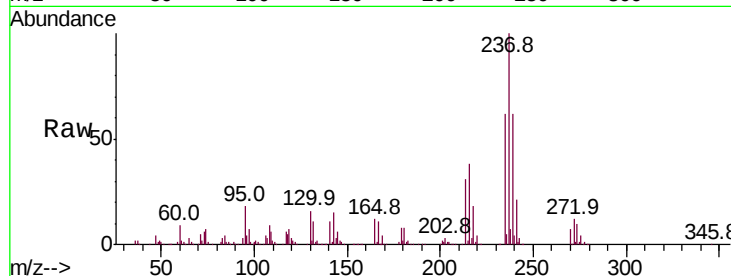




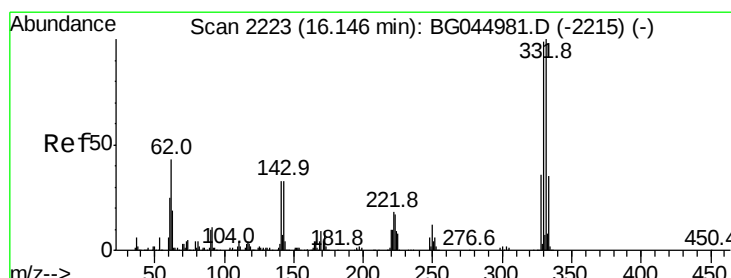
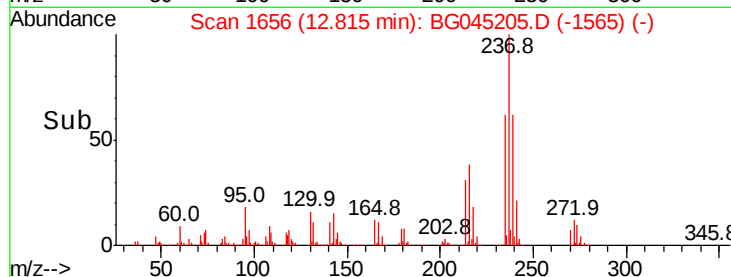
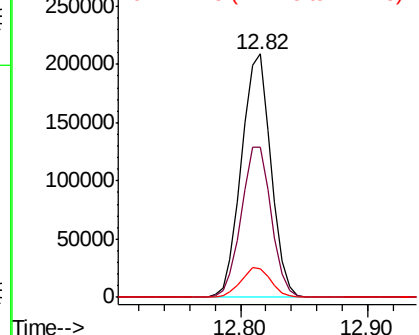
#41
Hexachlorocyclopentadiene
Concen: 91.150 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampled :
PB128538BS

Tot Ion:237 Resp: 334974
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 11.7 0.0 32.1

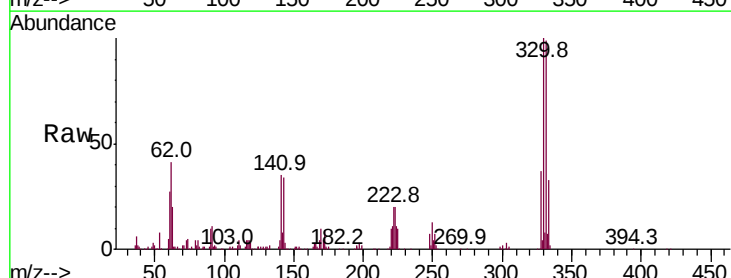


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

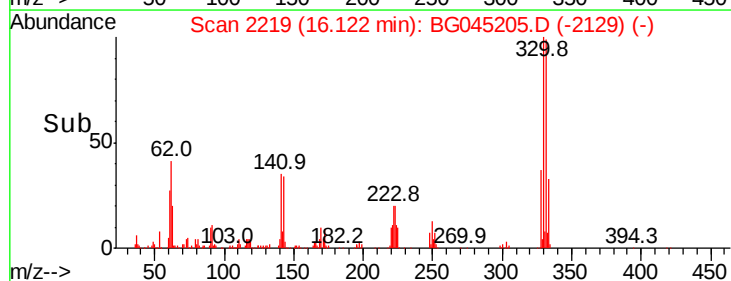
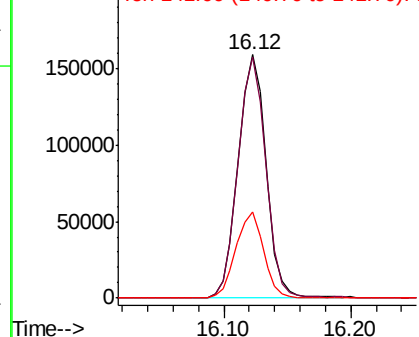


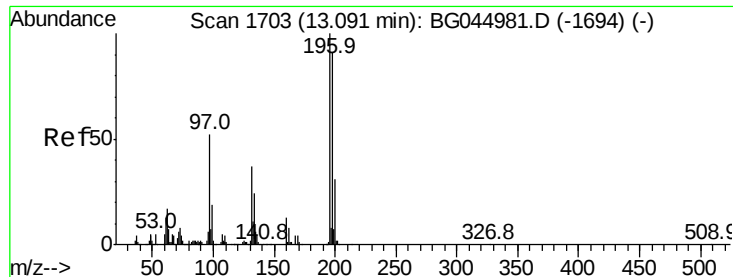
#42
2,4,6-Tribromophenol
Concen: 85.773 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:330 Resp: 241983
Ion Ratio Lower Upper
330 100
332 98.4 79.1 118.7
141 35.2 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

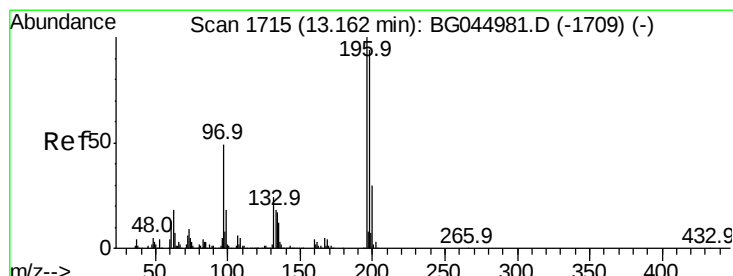
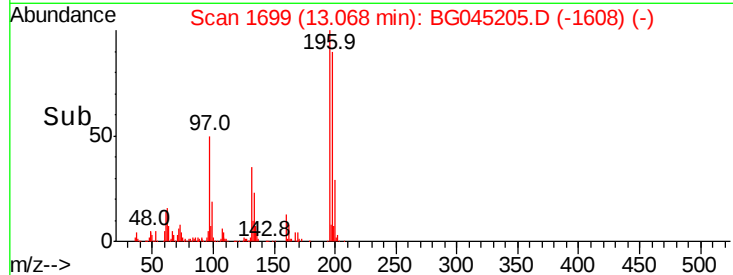
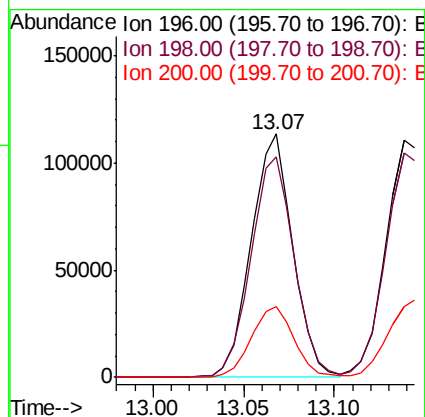
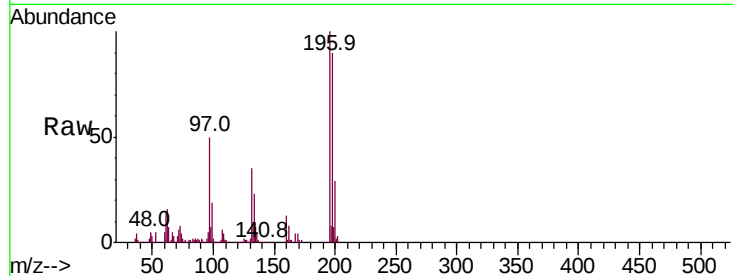




#43
2,4,6-Trichlorophenol
Concen: 43.496 ng
RT: 13.07 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

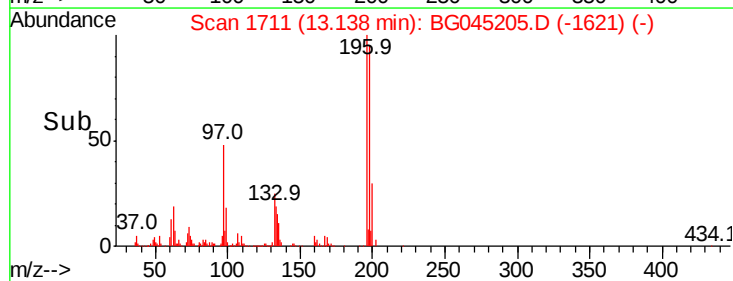
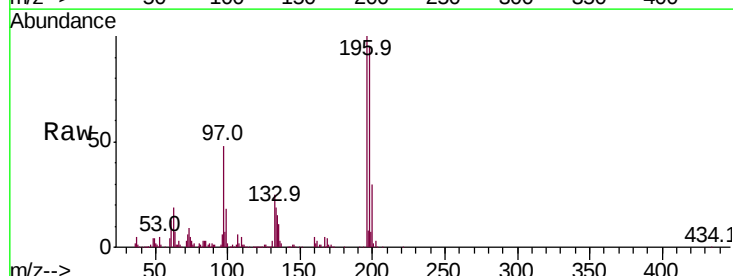
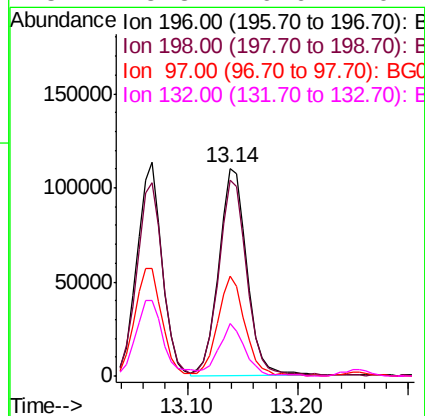
Instrument :
BNA_G
ClientSampleId :
PB128538BS

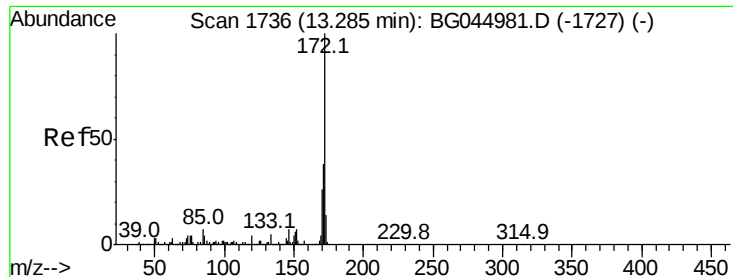
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	72.5	108.7
200	29.1	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 41.207 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	48.0	39.6	59.4
132	25.3	19.6	29.4

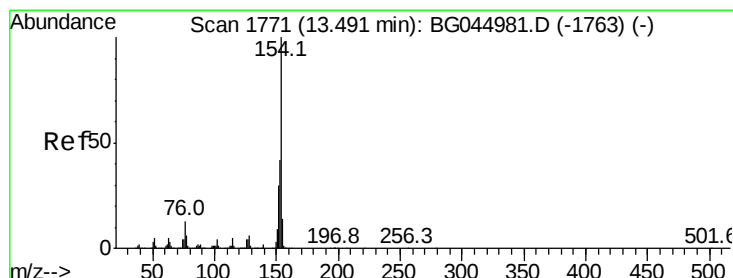
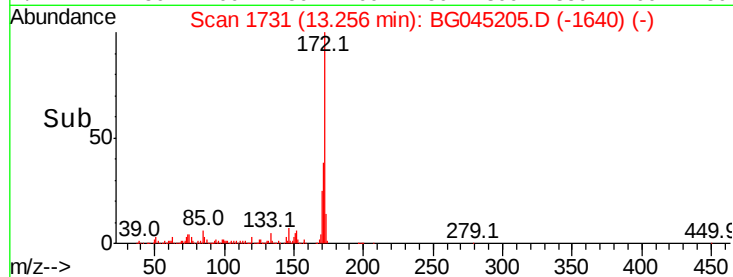
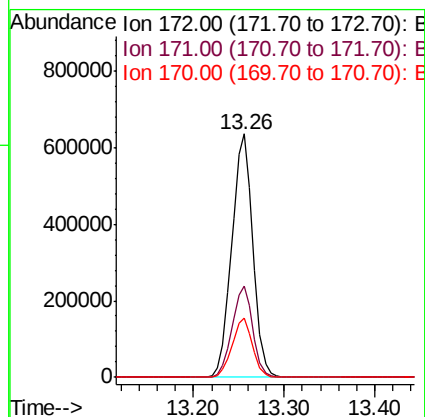
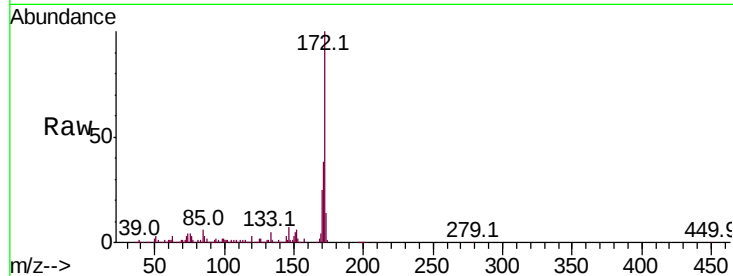




#45
2-Fluorobiphenyl
Concen: 82.562 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

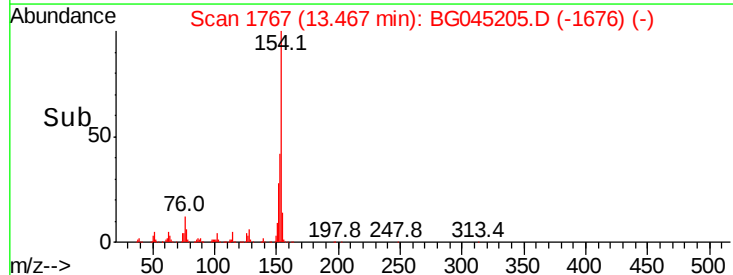
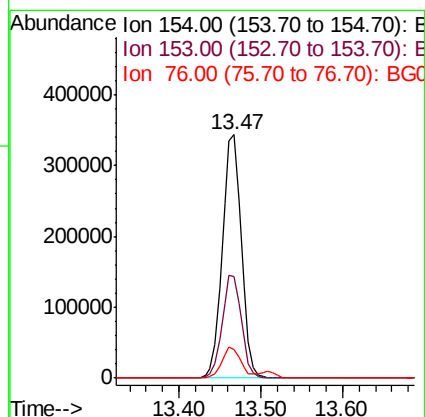
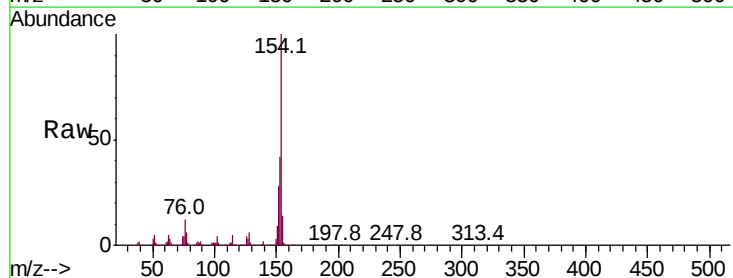
Instrument :
BNA_G
ClientSampleId :
PB128538BS

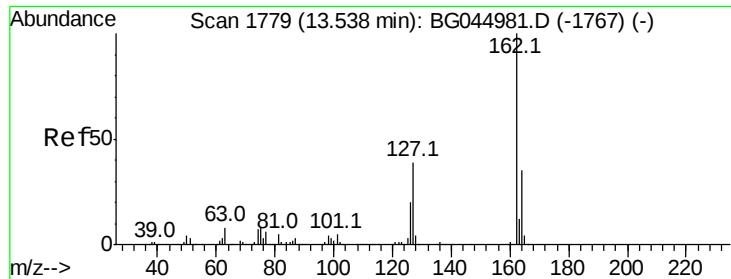
Tot Ion:172 Resp: 1028241
Ion Ratio Lower Upper
172 100
171 37.6 30.6 46.0
170 24.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.109 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:154 Resp: 556724
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 12.0 0.0 33.1

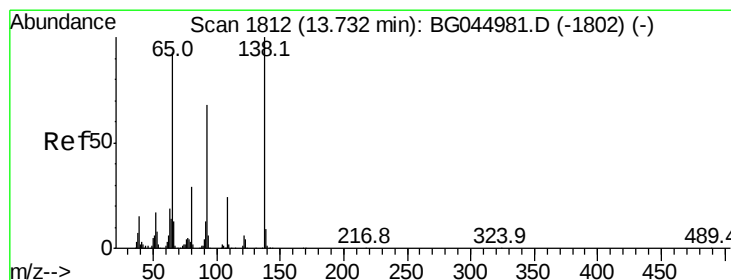
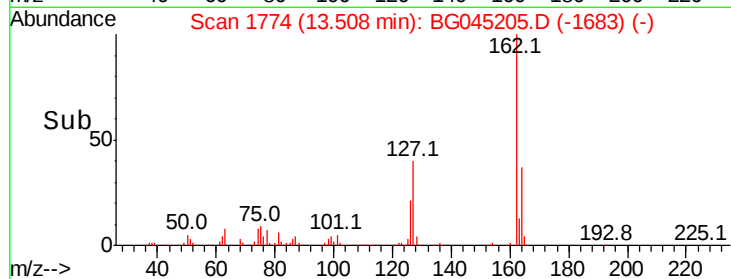
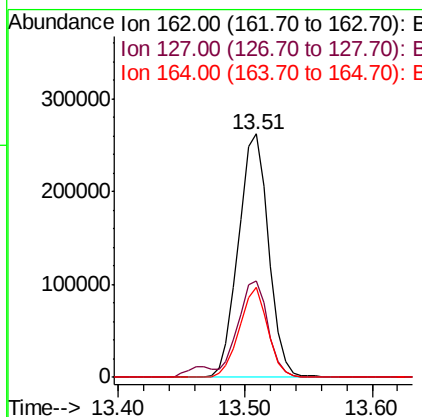
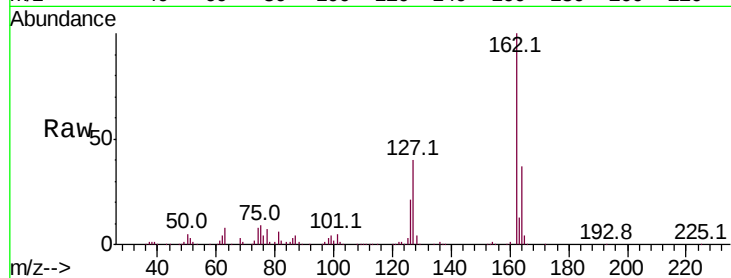




#47
 2-Chloronaphthalene
 Concen: 40.852 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

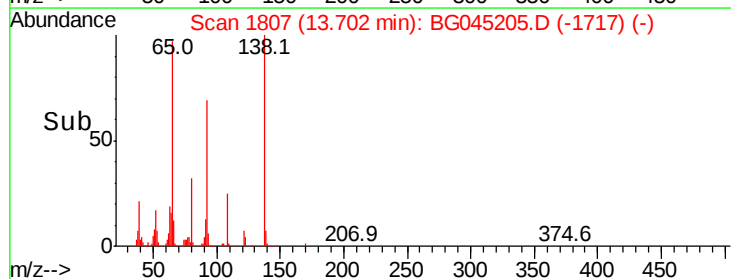
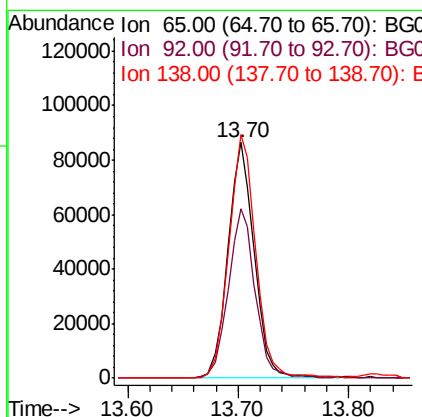
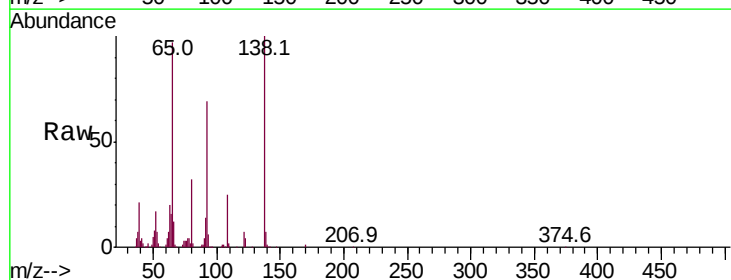
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

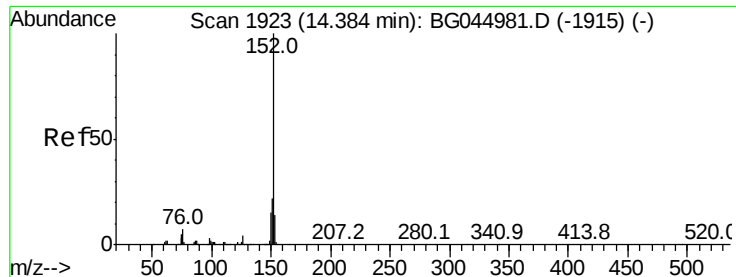
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.3	46.9
164	36.8	27.8	41.8



#48
 2-Nitroaniline
 Concen: 41.461 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.3	87.5
138	103.3	85.6	128.4





#49

Acenaphthylene

Concen: 41.885 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

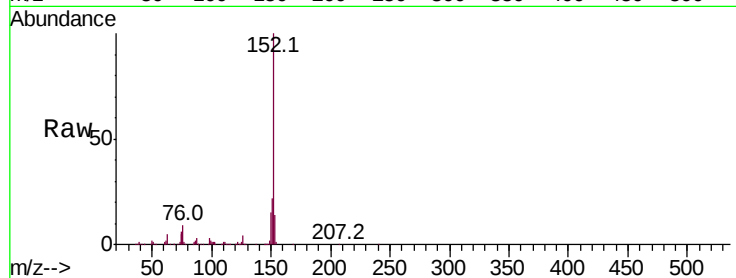
BNA_G

ClientSampleId :

PB128538BS

Tot Ion:152 Resp: 723580

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.7	11.0	16.4

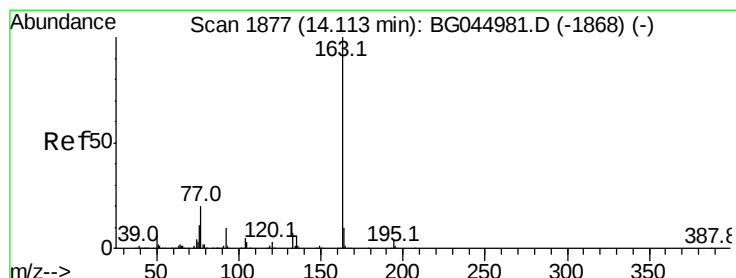
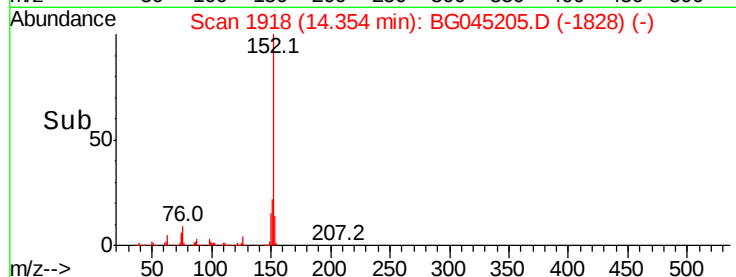
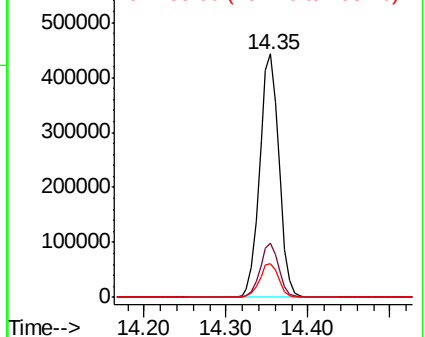


Abundance

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: 41.456 ng

RT: 14.08 min Scan# 1872

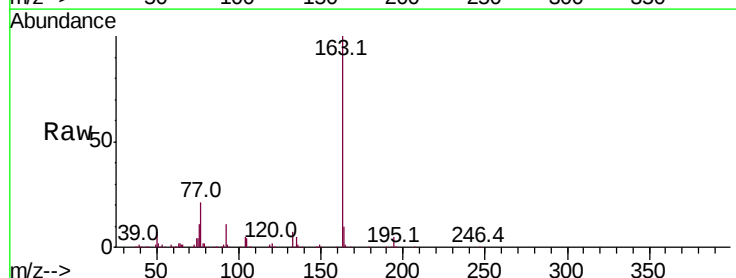
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:163 Resp: 616429

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.2	8.2	12.4

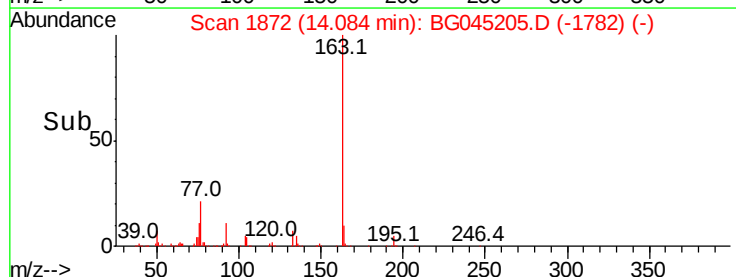
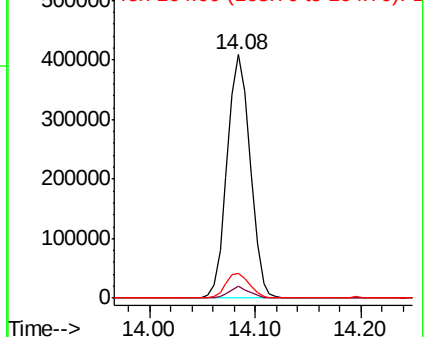


Abundance

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: 42.185 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

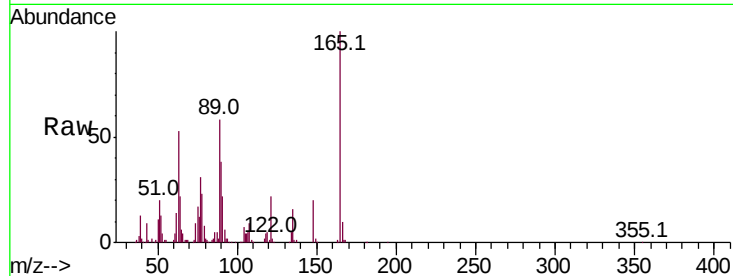
Tot Ion:165 Resp: 140302

Ion Ratio Lower Upper

165 100

63 53.1 40.4 60.6

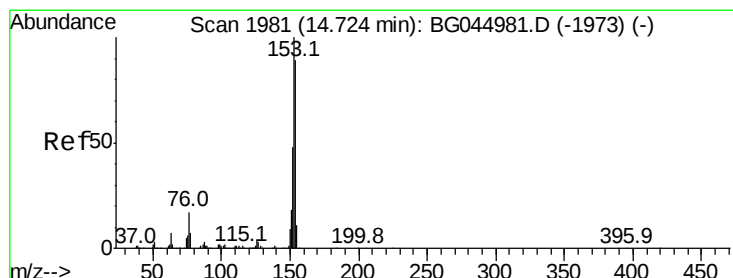
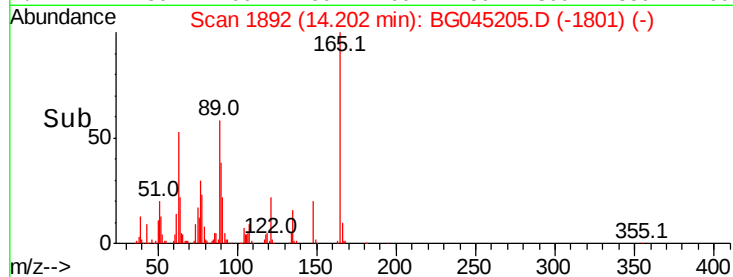
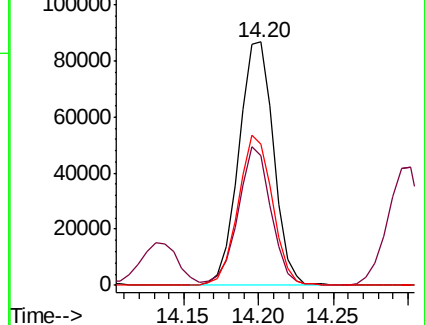
89 58.2 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.445 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

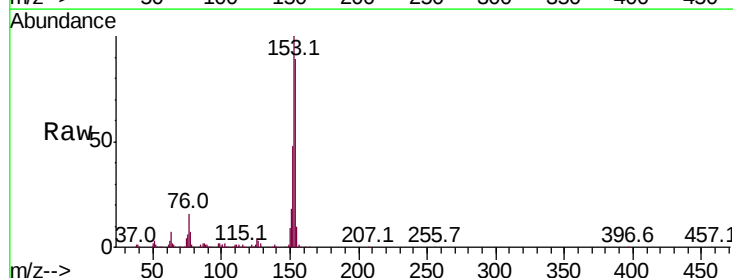
Tgt Ion:154 Resp: 461058

Ion Ratio Lower Upper

154 100

153 111.9 89.7 134.5

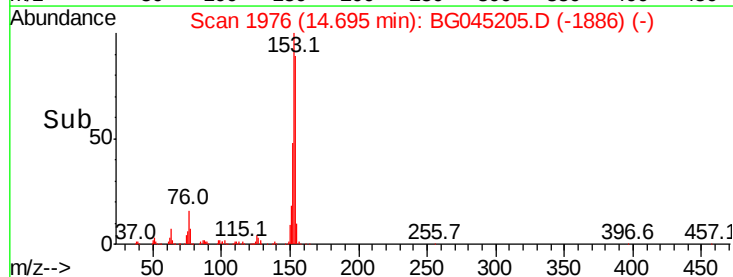
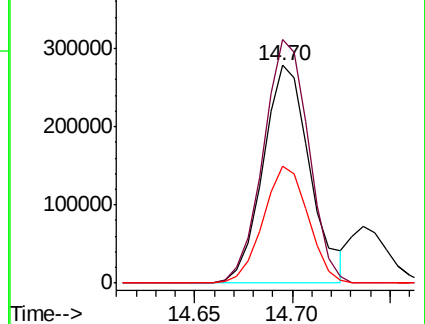
152 53.8 43.1 64.7

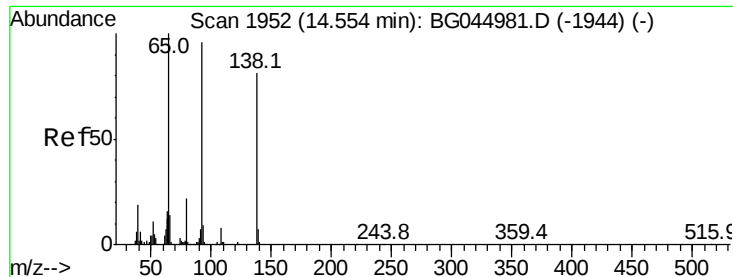


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

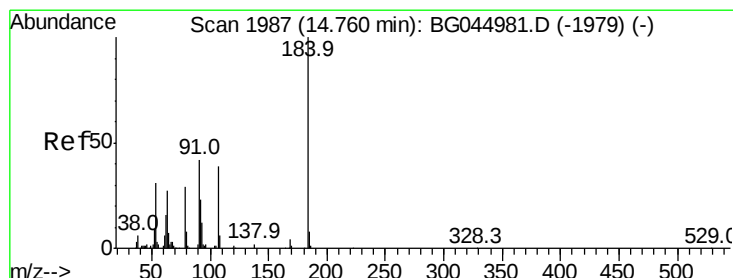
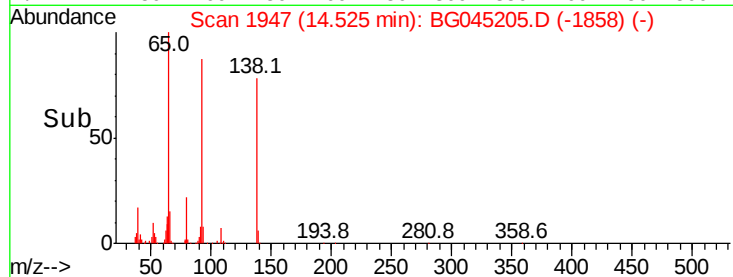
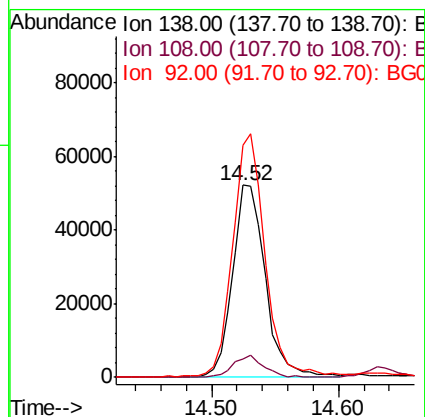
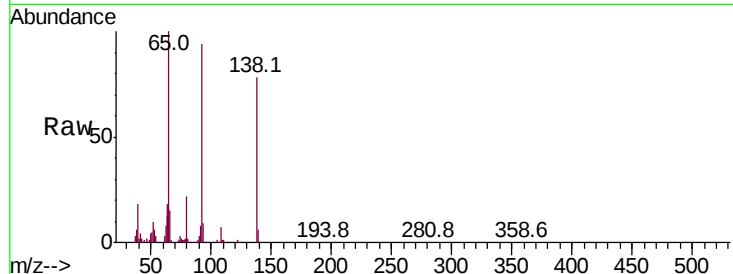




#53
3-Nitroaniline
Concen: 25.511 ng
RT: 14.52 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

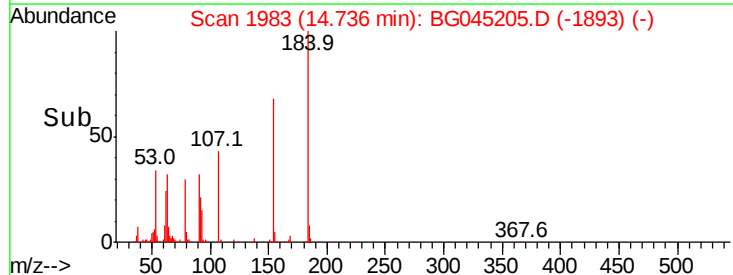
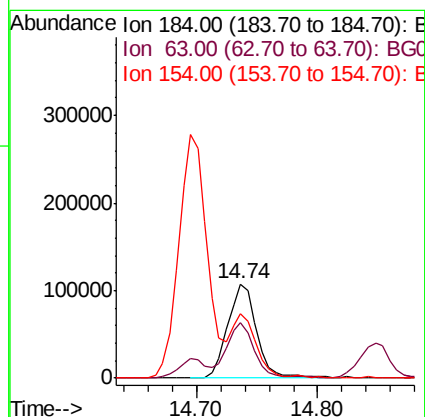
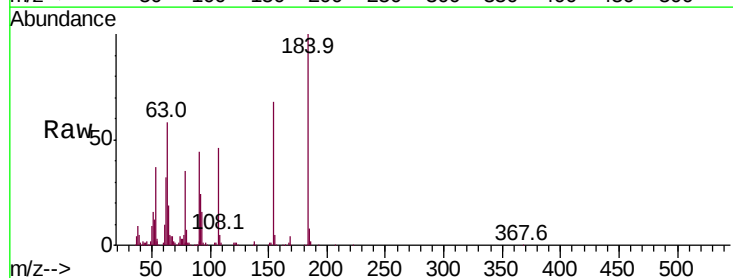
Instrument :
BNA_G
ClientSampleId :
PB128538BS

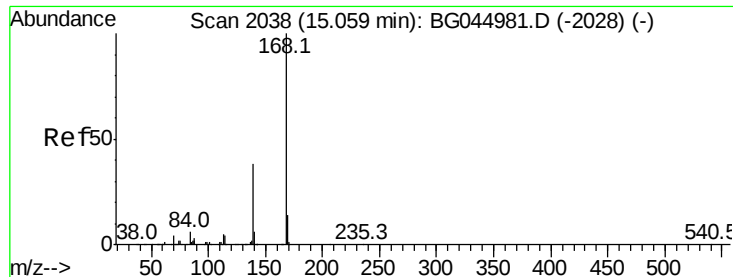
Tot Ion:138 Resp: 93055
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 121.1 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 90.946 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:184 Resp: 179862
Ion Ratio Lower Upper
184 100
63 58.4 41.5 62.3
154 67.9 52.3 78.5





#55

Dibenzofuran

Concen: 42.039 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

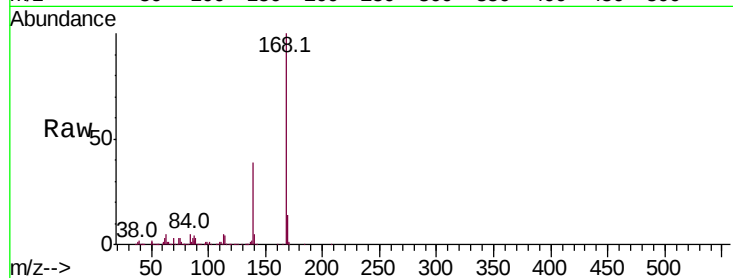
Tot Ion:168 Resp: 716381

Ion Ratio Lower Upper

168 100

139 39.0 30.4 45.6

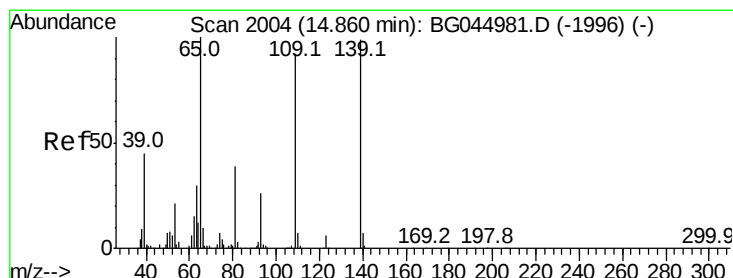
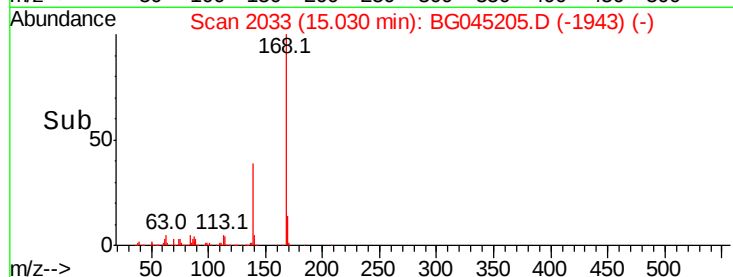
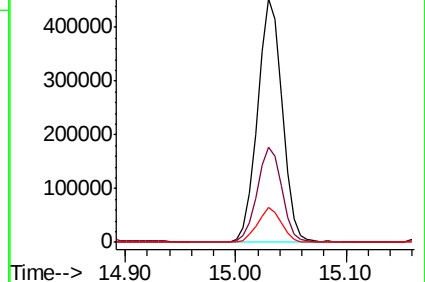
169 14.2 11.0 16.4



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: 80.468 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

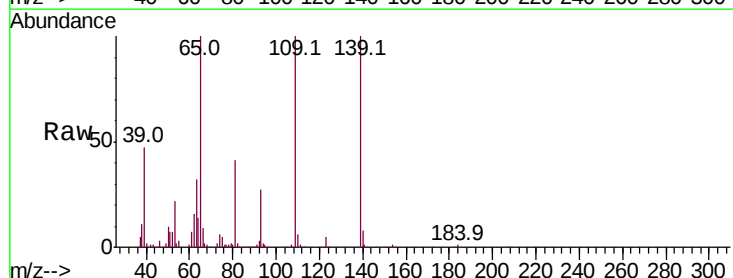
Tgt Ion:139 Resp: 227588

Ion Ratio Lower Upper

139 100

109 100.0 73.6 113.6

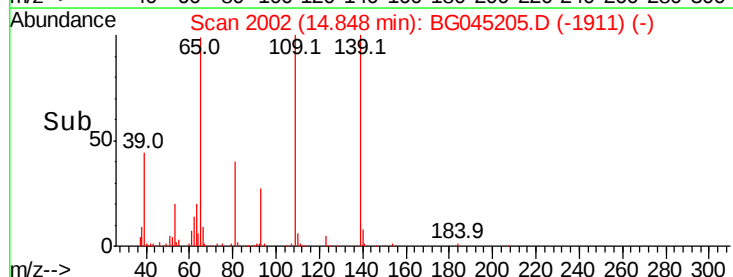
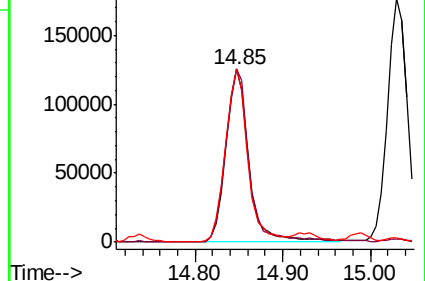
65 100.0 81.2 121.2

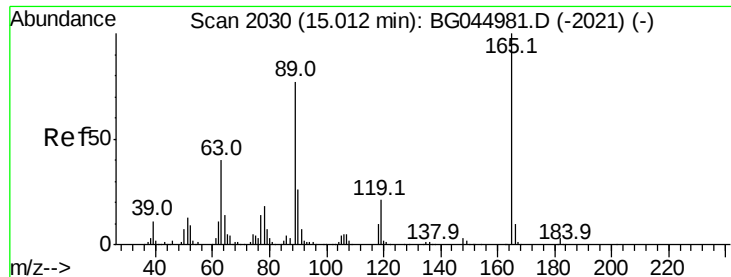


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

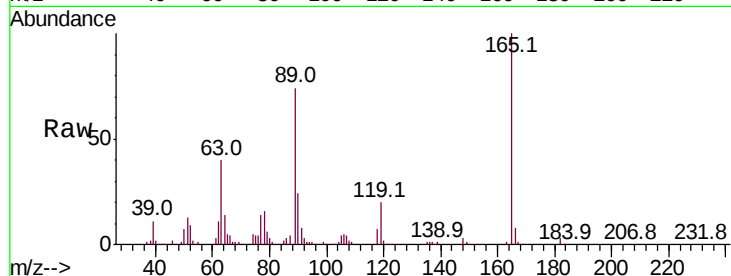




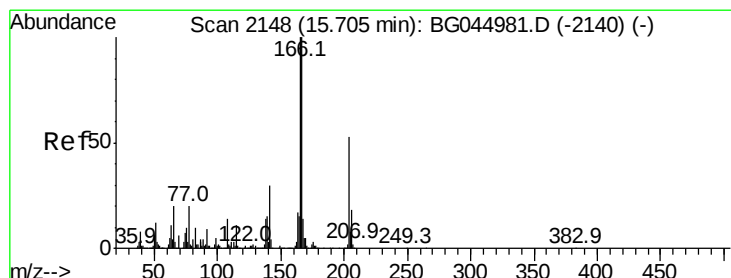
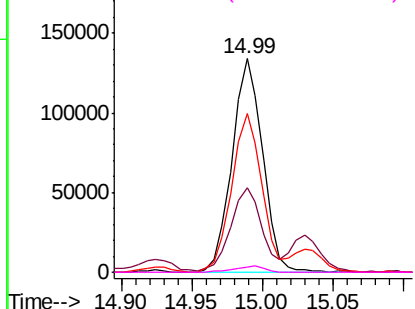
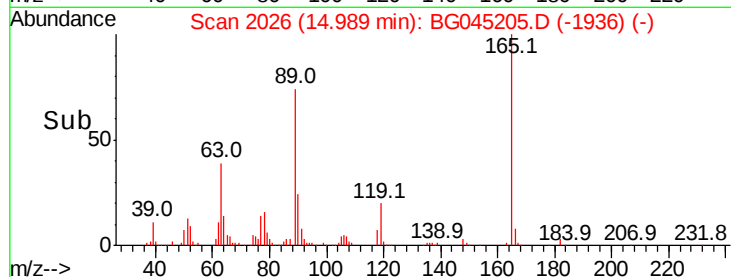
#57
 2,4-Dinitrotoluene
 Concen: 41.554 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion:165 Resp: 201968
 Ion Ratio Lower Upper
 165 100
 63 39.6 32.2 48.2
 89 74.5 61.7 92.5
 182 2.6 2.0 3.0

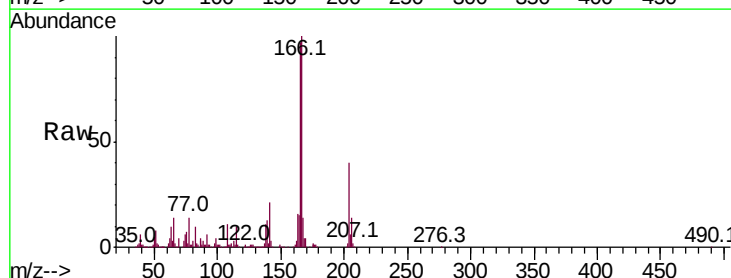


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

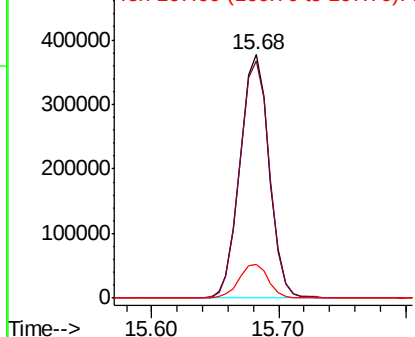
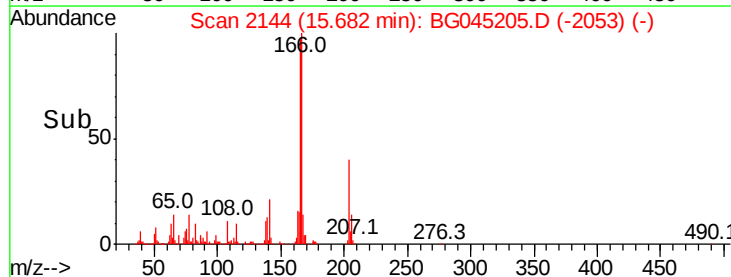


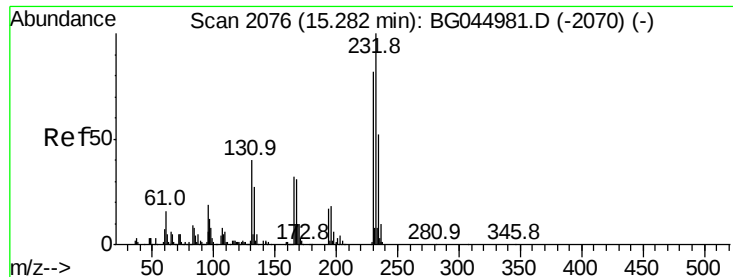
#58
 Fluorene
 Concen: 43.153 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion:166 Resp: 600655
 Ion Ratio Lower Upper
 166 100
 165 97.2 79.9 119.9
 167 13.8 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

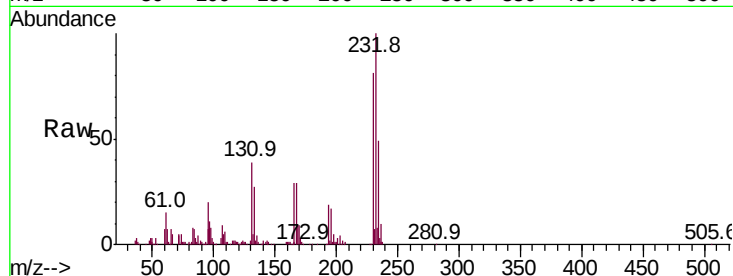




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.414 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.2	48.2
130	2.5	2.2	3.2
166	29.2	24.2	36.4



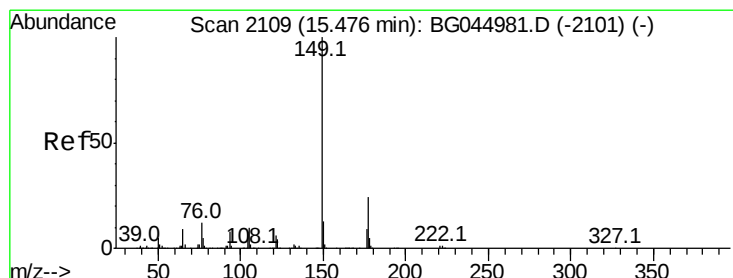
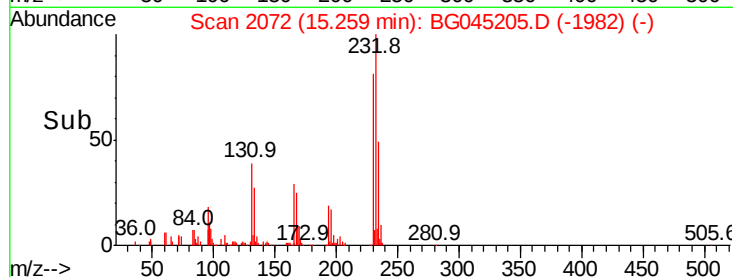
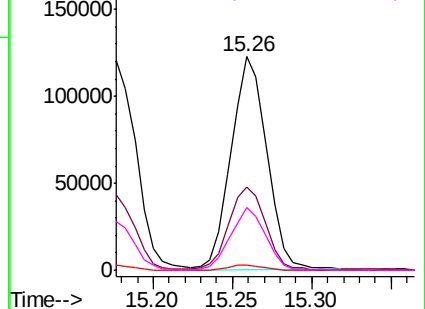
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

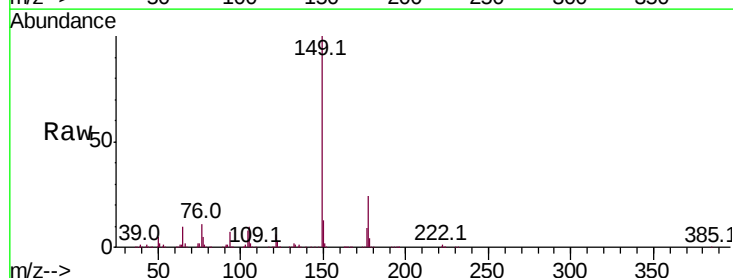
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.169 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.9	28.3
150	13.2	10.6	15.8

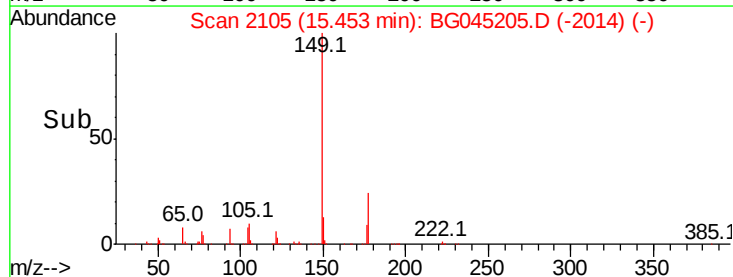
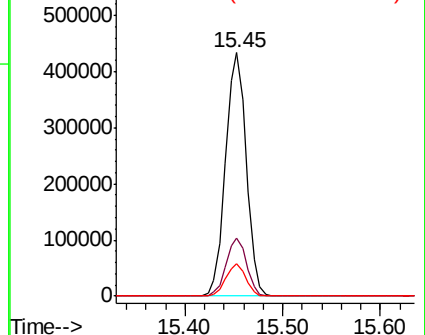


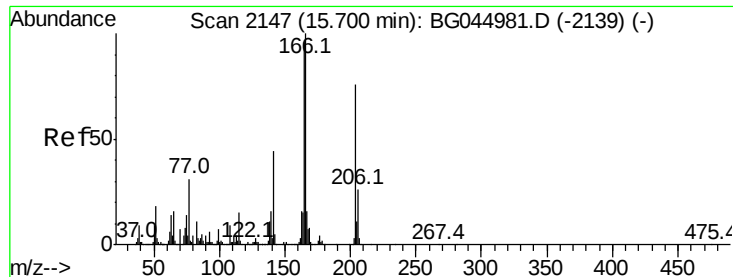
Abundance

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

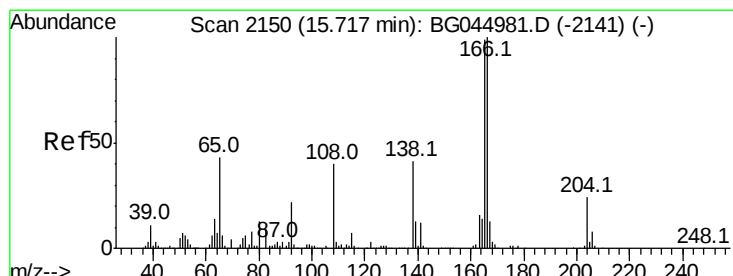
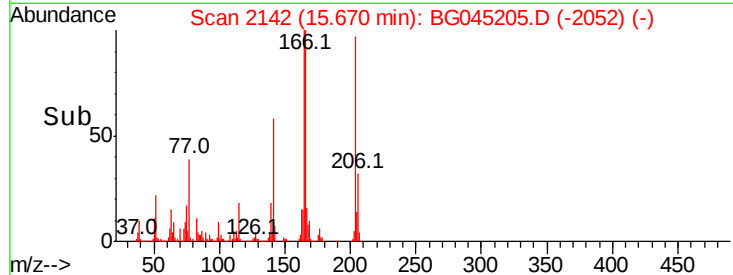
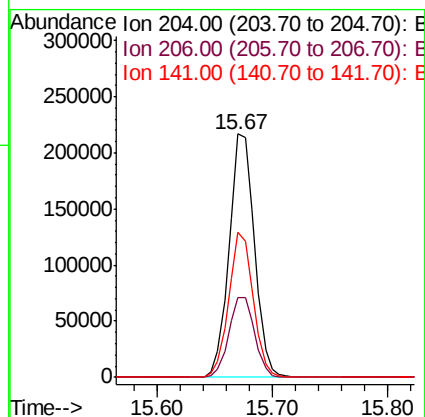
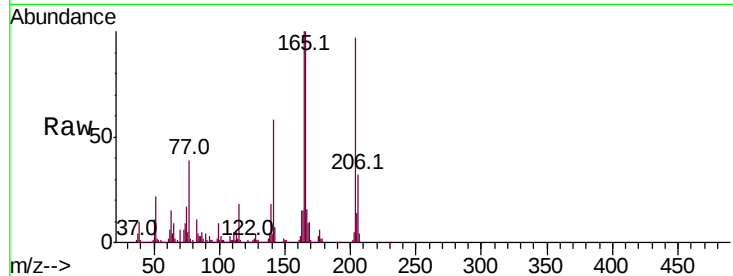




#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

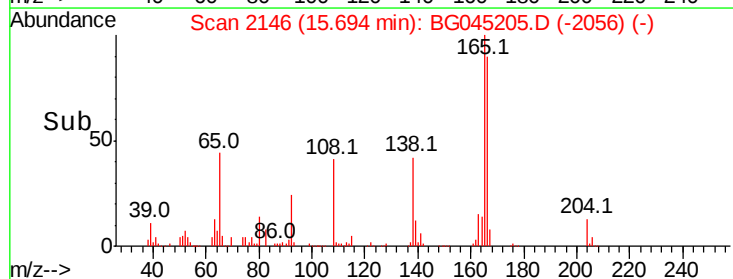
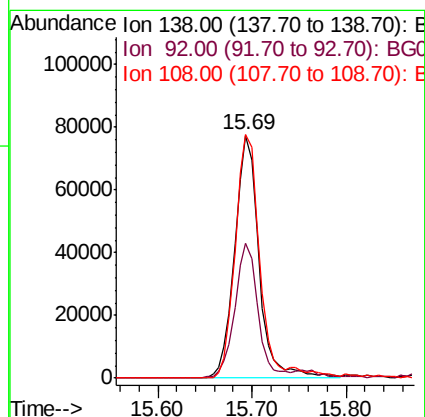
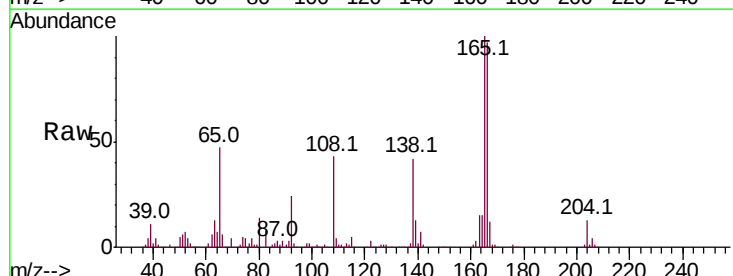
Instrument :
BNA_G
ClientSampleId :
PB128538BS

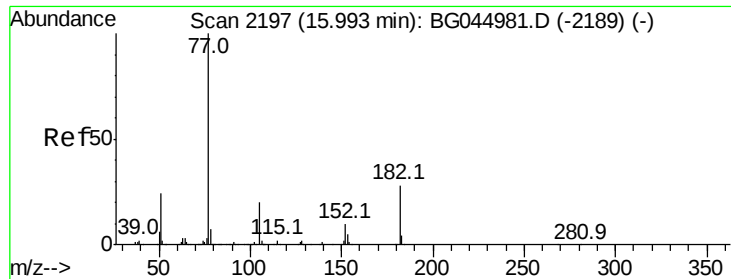
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	59.8	46.3	69.5



#62
4-Nitroaniline
Concen: 36.899 ng
RT: 15.69 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	33.6	73.6
108	100.3	78.2	118.2

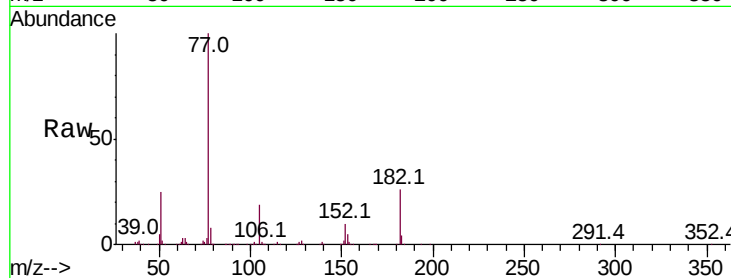




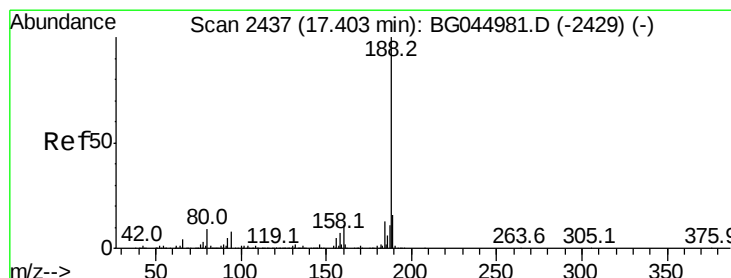
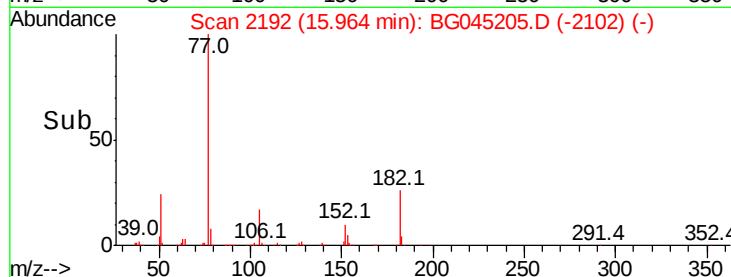
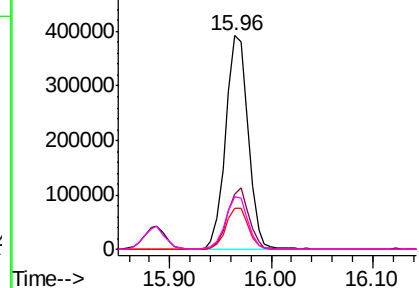
#63
Azobenzene
Concen: 42.302 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion:	77	Resp:	604625
Ion	Ratio	Lower	Upper
77	100		
182	25.9	8.4	48.4
105	19.0	0.5	40.5
51	24.5	4.4	44.4

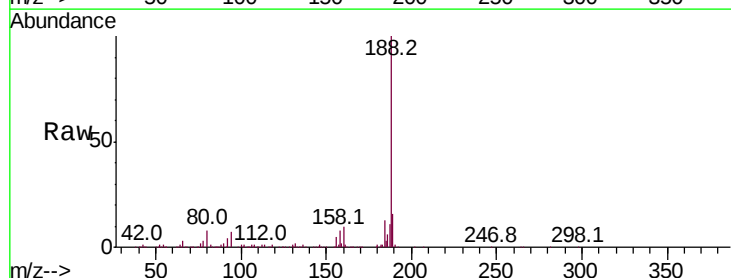


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

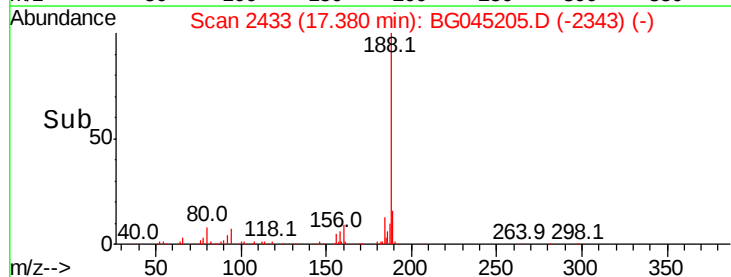
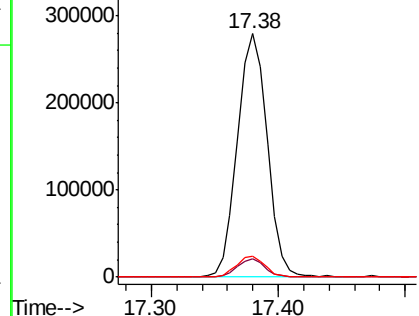


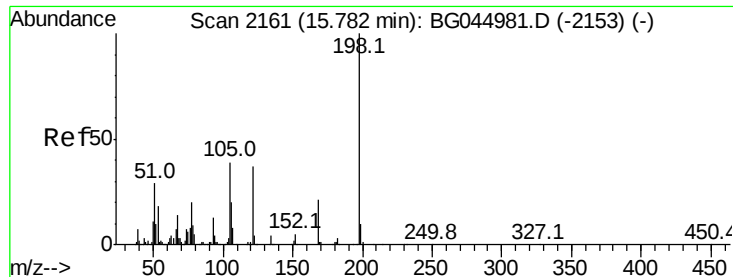
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:	188	Resp:	453144
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.5	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: 44.470 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

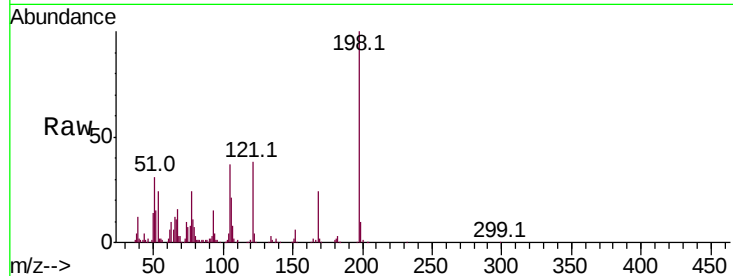
BNA_G

ClientSampleId :

PB128538BS

Tot Ion:198 Resp: 132454

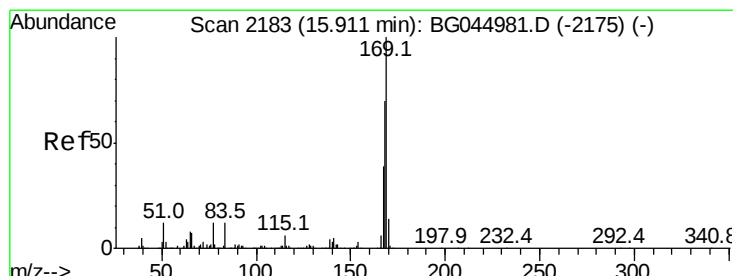
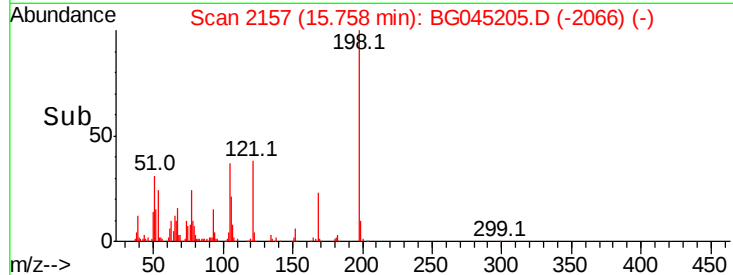
Ion	Ratio	Lower	Upper
198	100		
51	30.9	10.0	50.0
105	37.3	18.9	58.9



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: 41.628 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

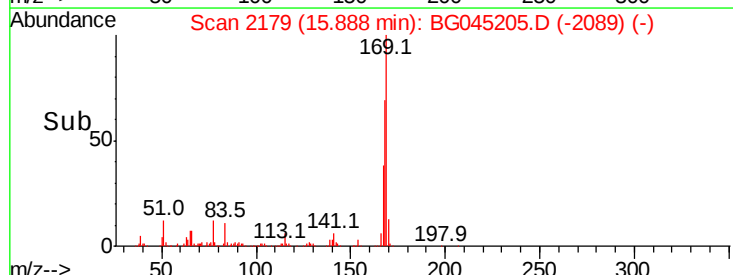
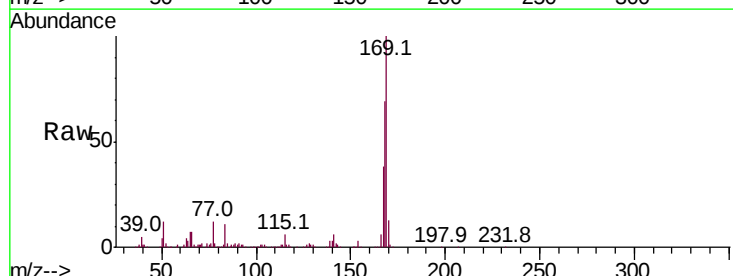
Tgt Ion:169 Resp: 541979

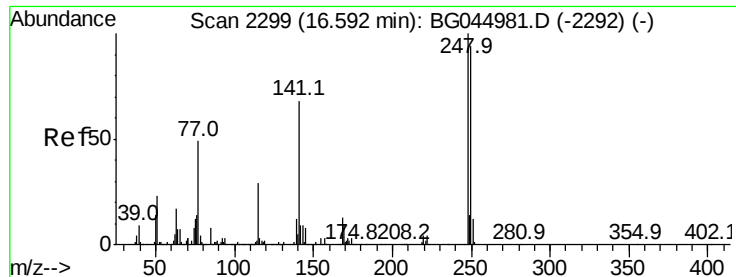
Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	37.5	30.8	46.2

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

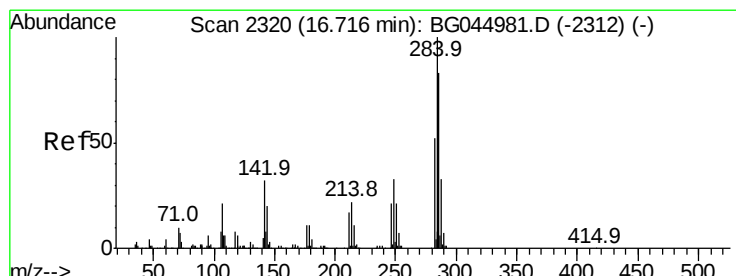
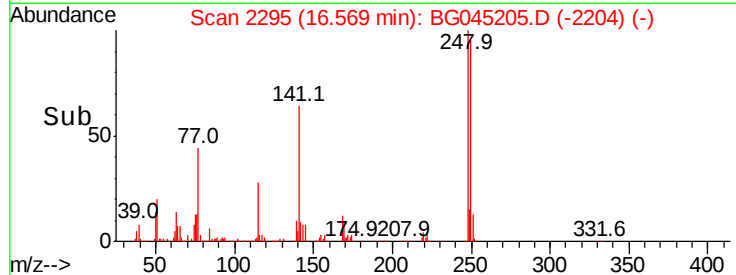
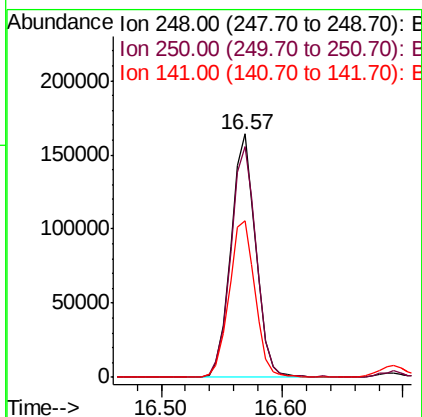
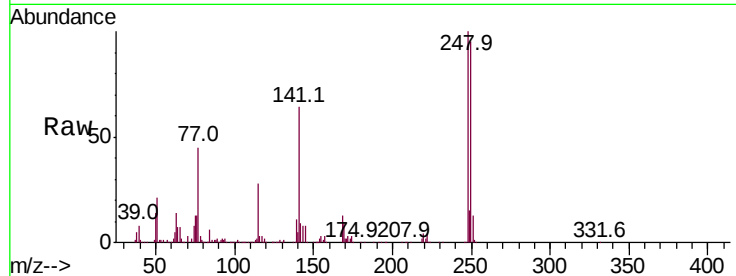




#67
4-Bromophenyl-phenylether
Concen: 40.109 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

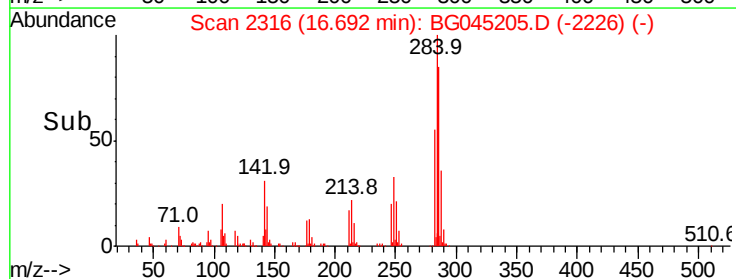
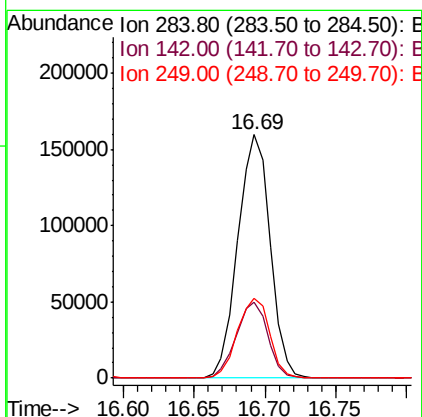
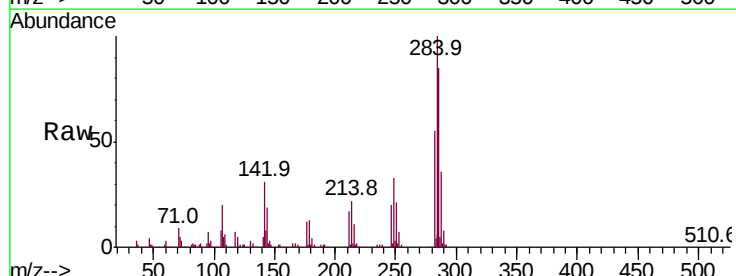
Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.4	113.2
141	64.3	54.4	81.6



#68
Hexachlorobenzene
Concen: 42.128 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.8	38.6
249	32.8	26.6	39.8





#69

Atrazine

Concen: 48.018 ng

RT: 16.84 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

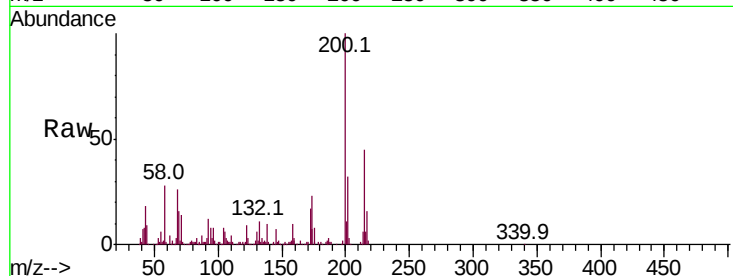
Tot Ion:200 Resp: 226505

Ion Ratio Lower Upper

200 100

173 23.2 4.5 44.5

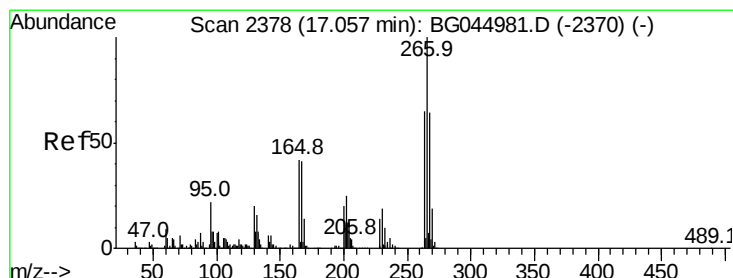
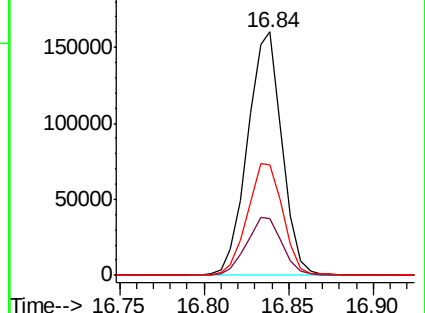
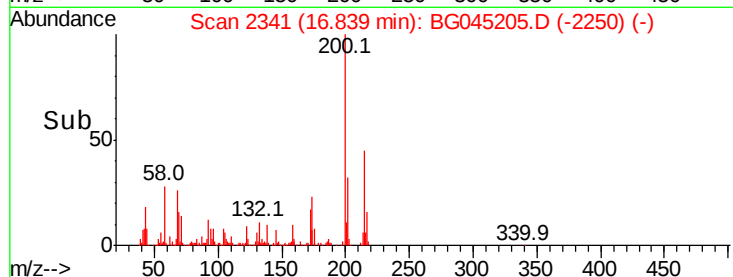
215 45.4 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.940 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

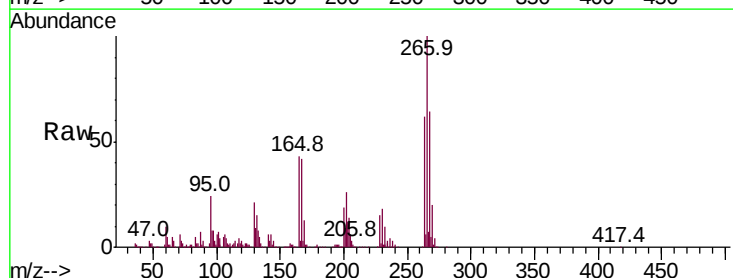
Tgt Ion:266 Resp: 315923

Ion Ratio Lower Upper

266 100

268 64.2 51.5 77.3

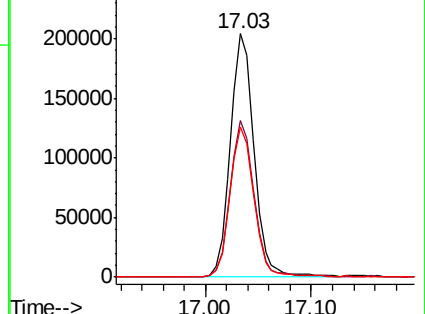
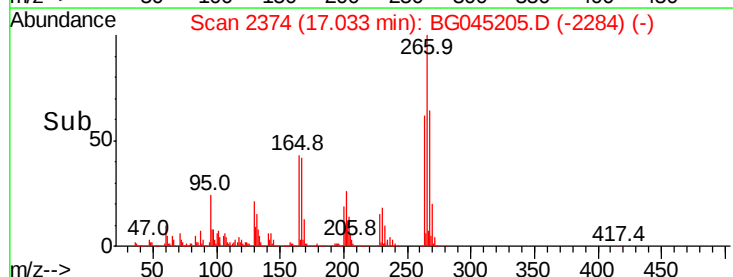
264 61.7 52.2 78.4

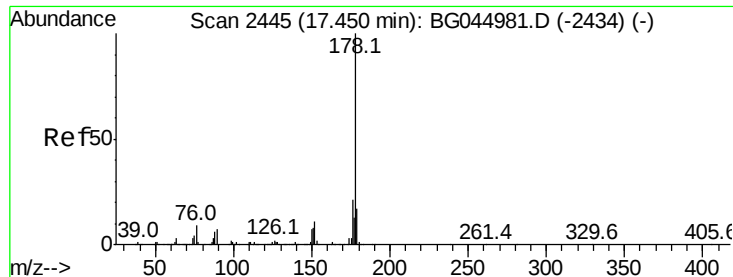


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.545 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

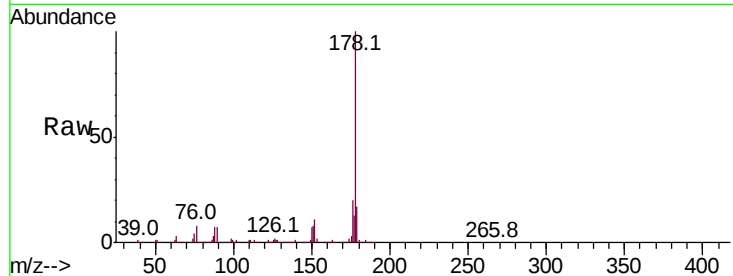
Tot Ion:178 Resp: 990700

Ion Ratio Lower Upper

178 100

176 20.5 16.8 25.2

179 17.1 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

17.42

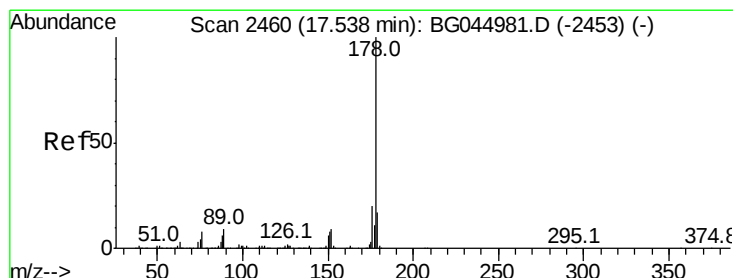
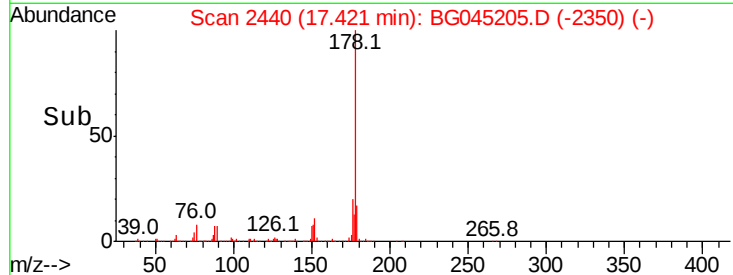
600000

400000

200000

0

Time--> 17.30 17.40 17.50



#72

Anthracene

Concen: 43.842 ng

RT: 17.51 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

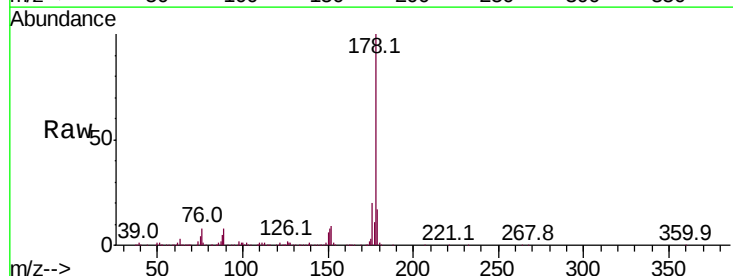
Tgt Ion:178 Resp: 1024077

Ion Ratio Lower Upper

178 100

176 19.9 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

17.51

800000

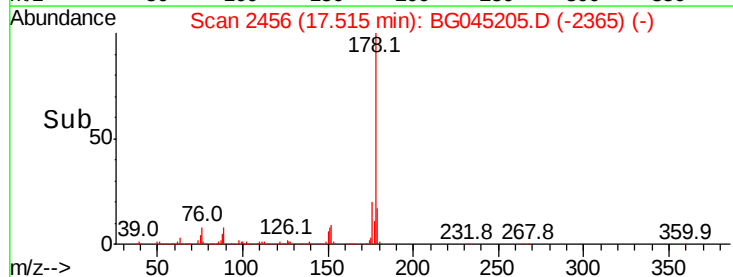
600000

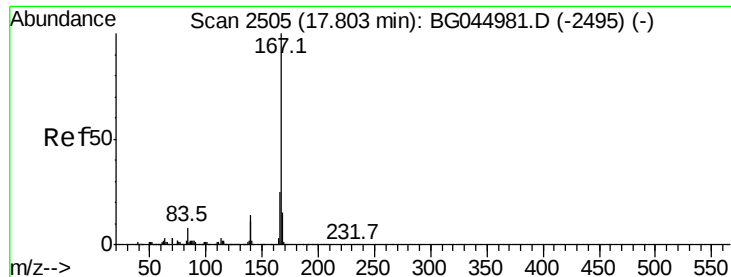
400000

200000

0

Time--> 17.40 17.50 17.60 17.70



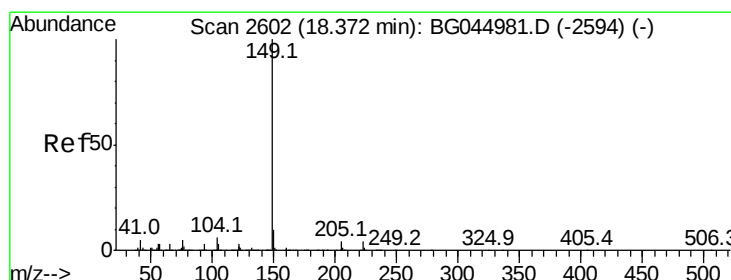
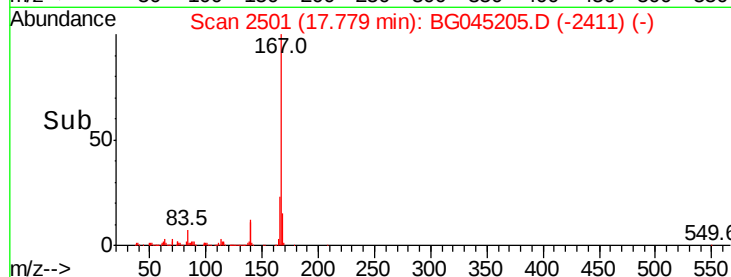
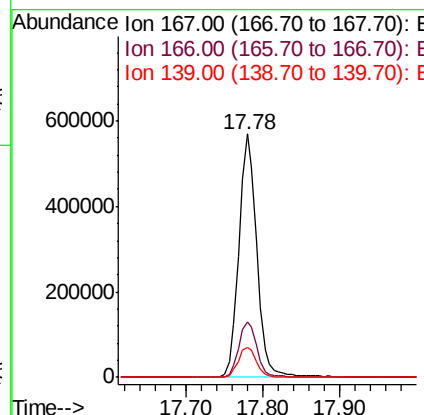
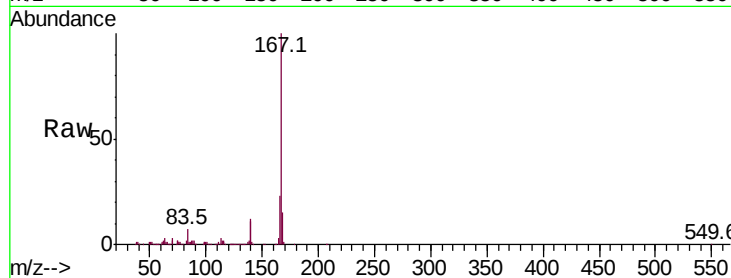


#73
 Carbazole
 Concen: 39.413 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion:167 Resp: 934234

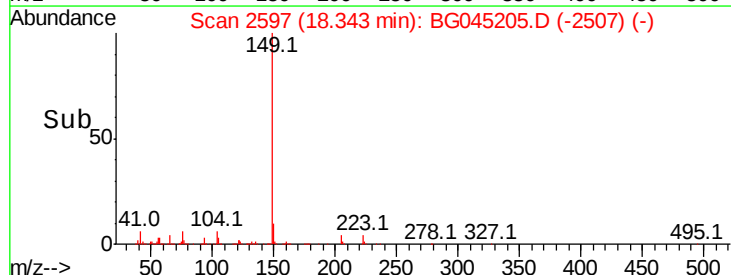
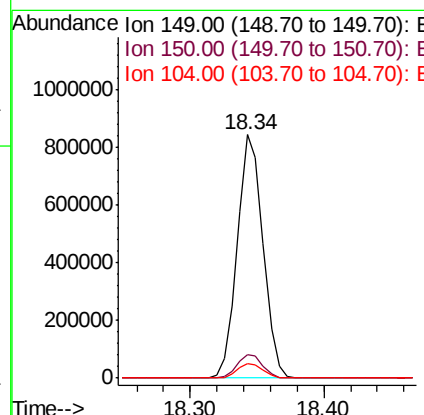
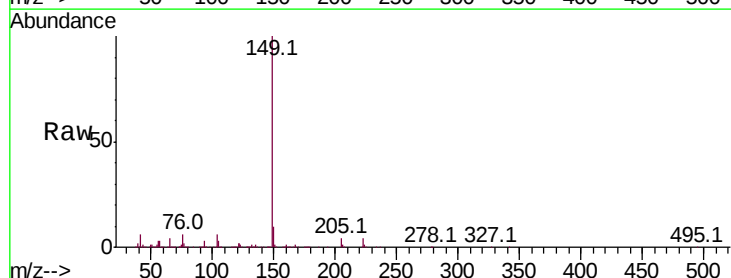
Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	12.2	10.9	16.3

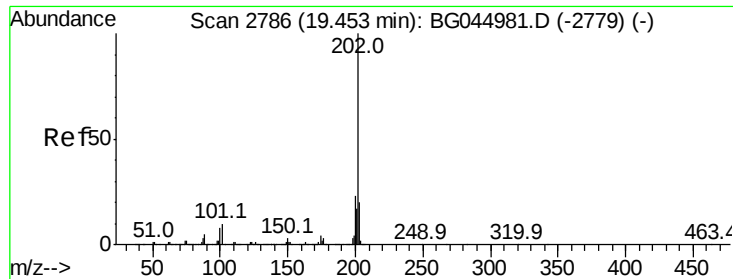


#74
 Di-n-butylphthalate
 Concen: 43.636 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion:149 Resp: 1130692

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 46.252 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

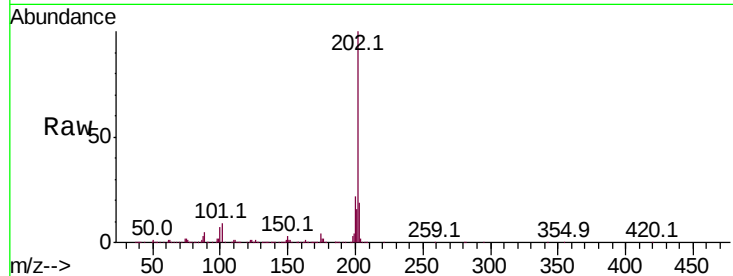
BNA_G

ClientSampleId :

PB128538BS

Tot Ion:202 Resp: 1261218

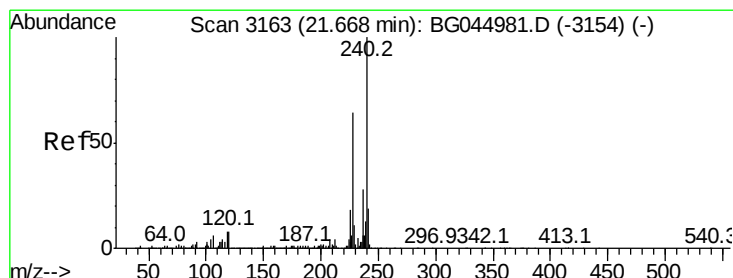
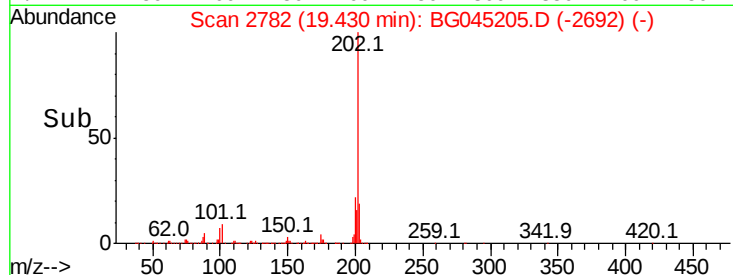
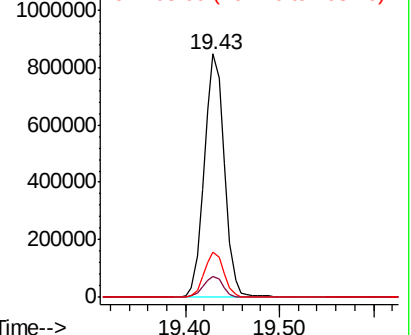
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.6
203	18.7	0.0	39.7



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: 21.64 min Scan# 3159

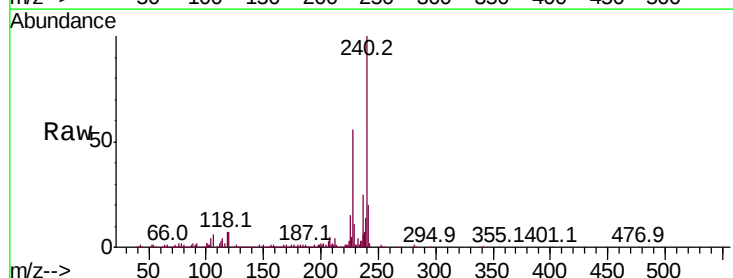
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:240 Resp: 426272

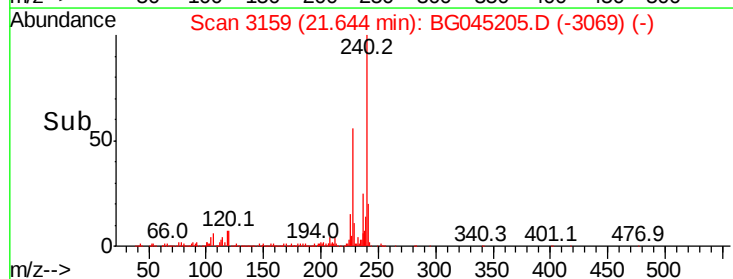
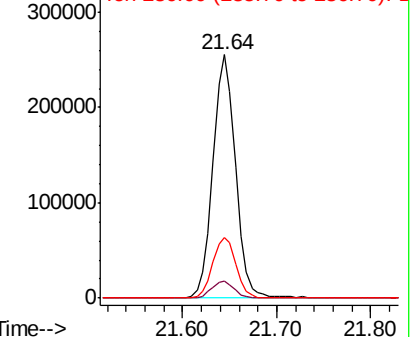
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.0	22.2	33.2



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: 56.306 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

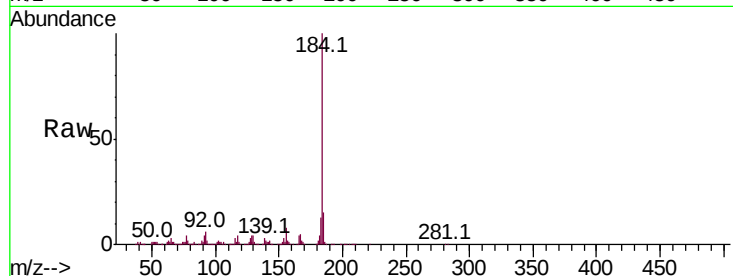
Tot Ion:184 Resp: 676715

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	19.0
183	13.0	11.3	16.9

184 100

185 15.4 12.6 19.0

183 13.0 11.3 16.9

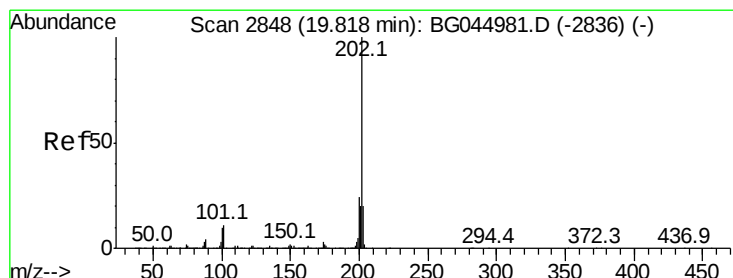
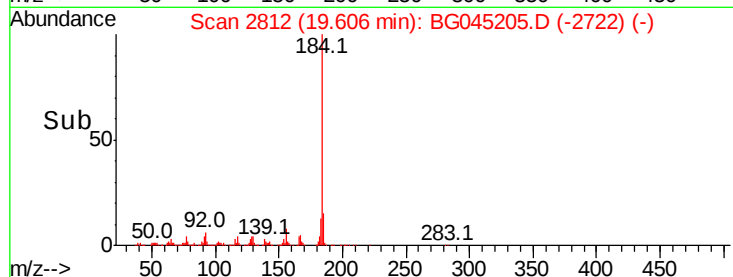
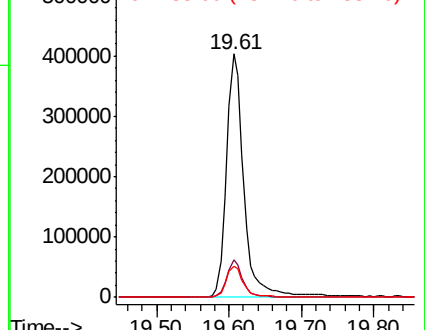


Abundance

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: 42.160 ng

RT: 19.79 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

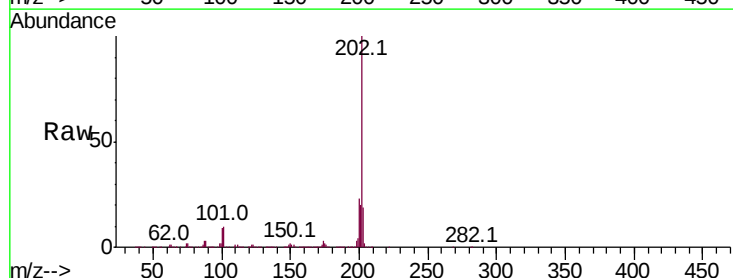
Tgt Ion:202 Resp: 1238982

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.0	28.6
203	19.3	16.1	24.1

202 100

200 23.0 19.0 28.6

203 19.3 16.1 24.1

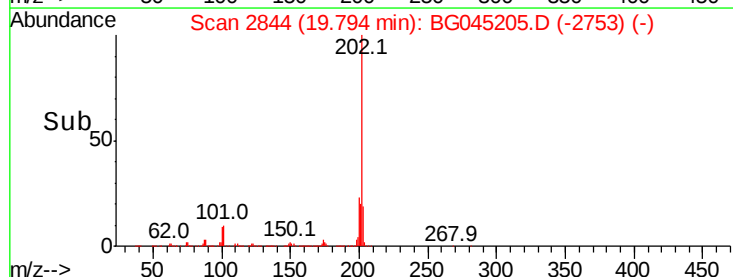
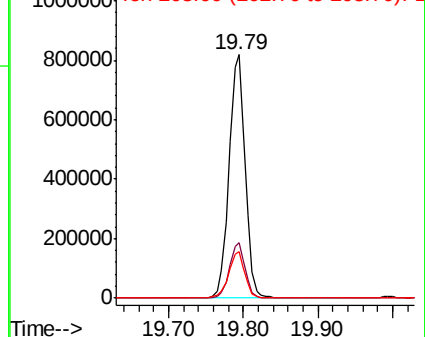


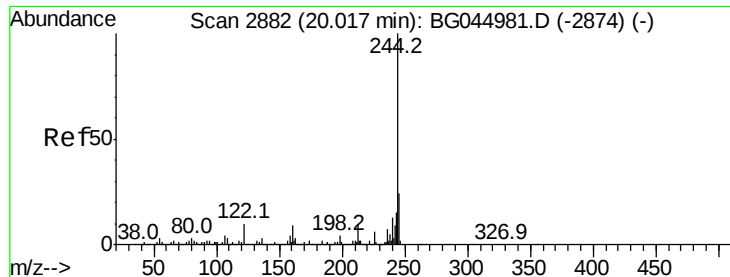
Abundance

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: 94.107 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

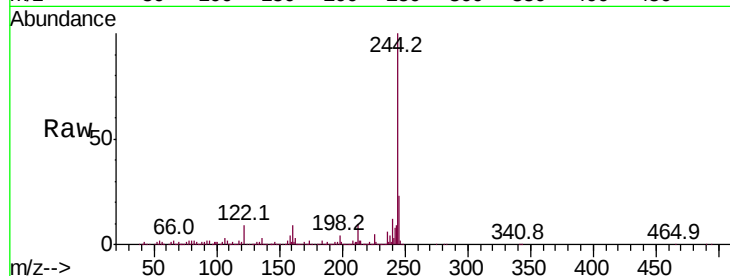
Tot Ion:244 Resp: 1840519

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

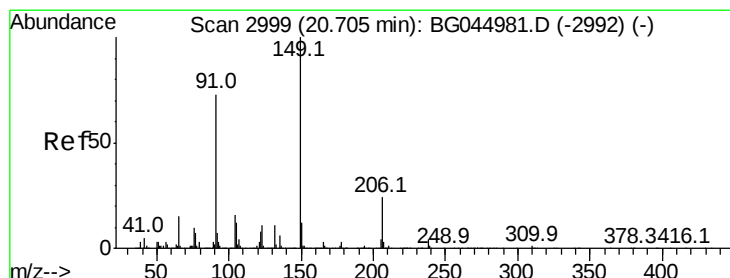
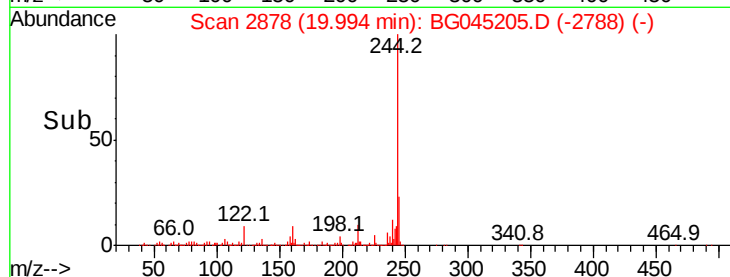
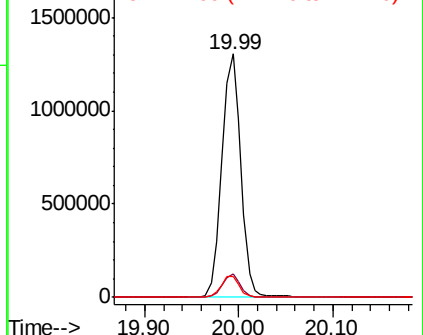
122 8.7 7.7 11.5



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: 41.574 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

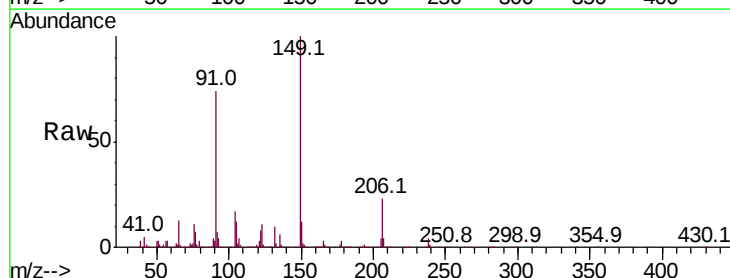
Tgt Ion:149 Resp: 506426

Ion Ratio Lower Upper

149 100

91 73.8 58.5 87.7

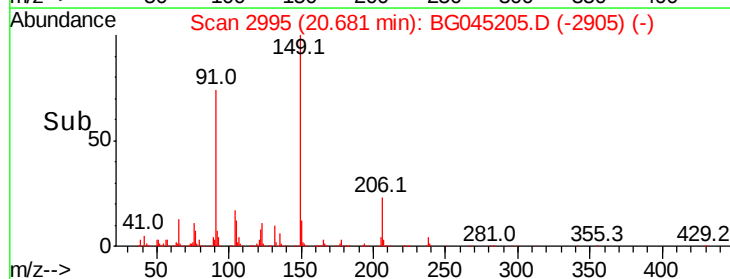
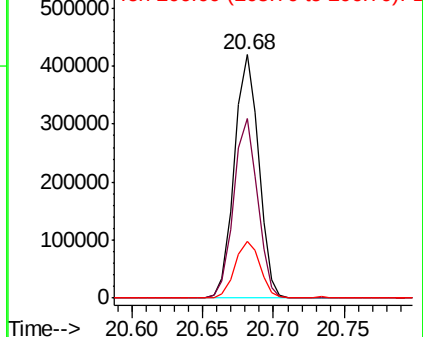
206 23.1 19.2 28.8

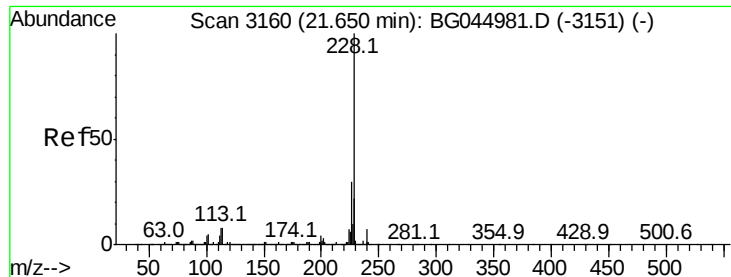


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.605 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

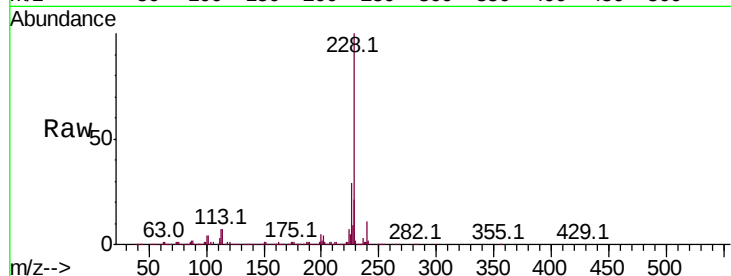
Tot Ion:228 Resp: 1177099

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.1	17.5	26.3

228 100

226 28.8 24.0 36.0

229 21.1 17.5 26.3

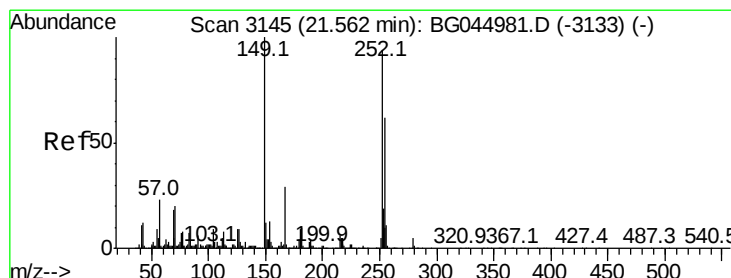
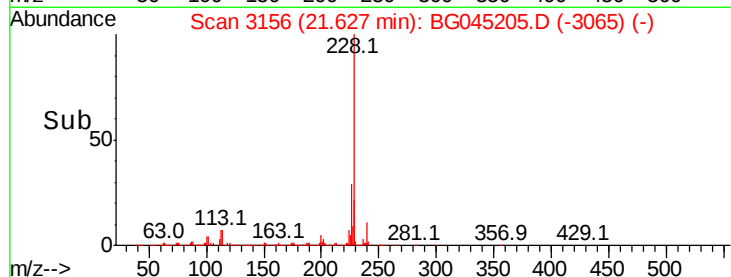
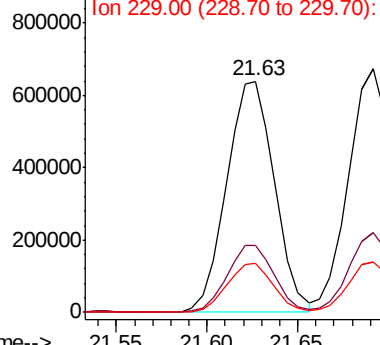


Abundance

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: 31.760 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

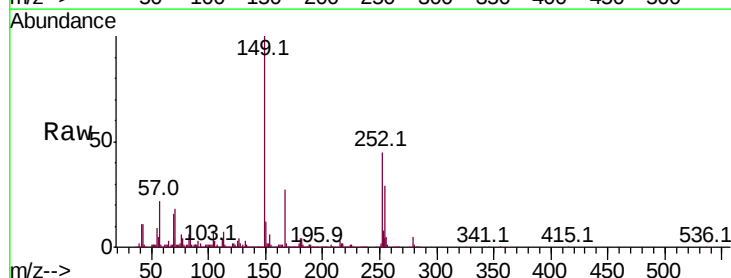
Tgt Ion:252 Resp: 349259

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	79.0
126	7.7	7.5	11.3

252 100

254 64.2 52.6 79.0

126 7.7 7.5 11.3

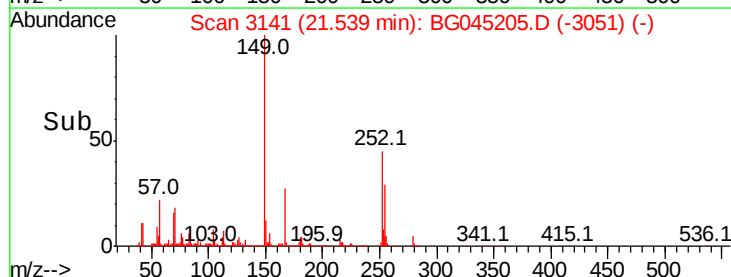
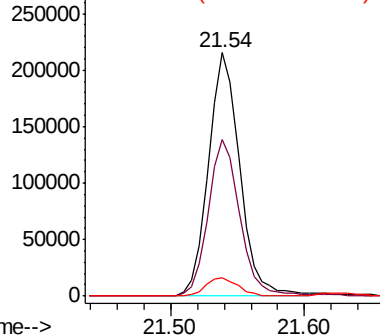


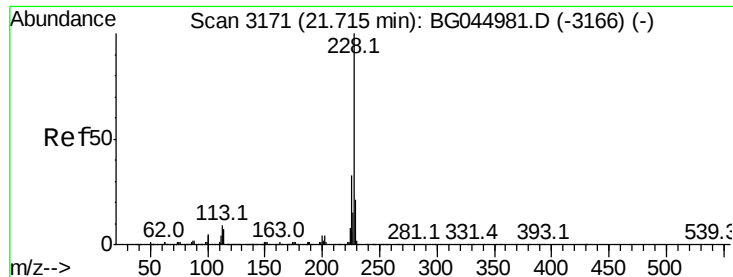
Abundance

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: 43.362 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

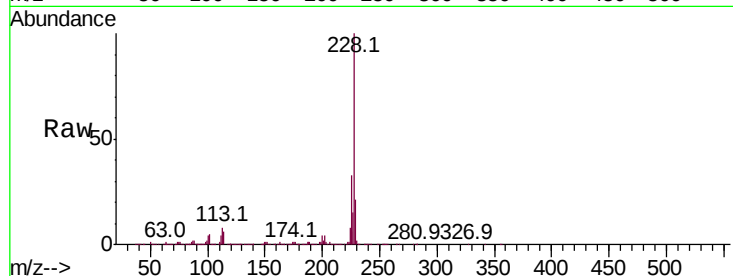
BNA_G

ClientSampleId :

PB128538BS

Tot Ion:228 Resp: 1151081

Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	20.6	17.0	25.6

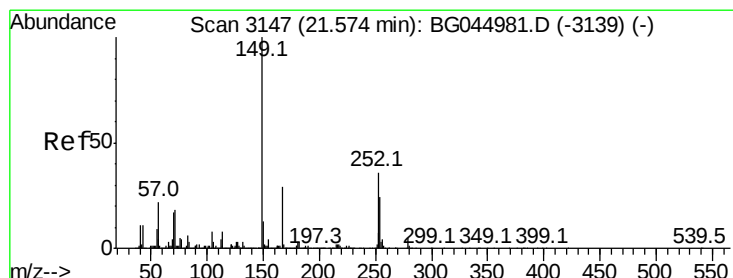
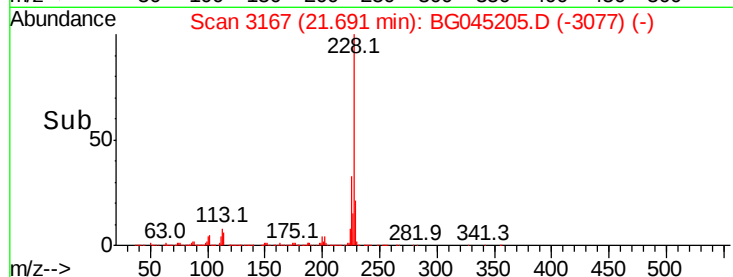
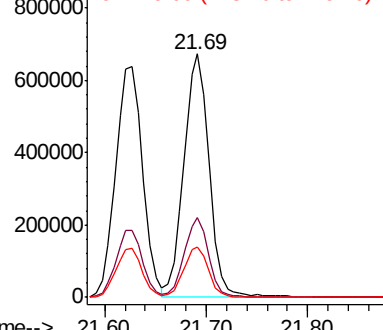


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.888 ng

RT: 21.54 min Scan# 3142

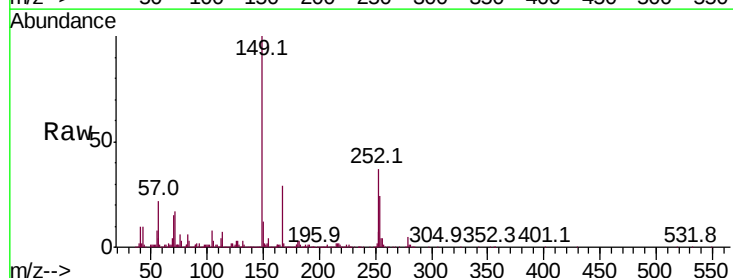
Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:149 Resp: 718526

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.4	4.3	6.5

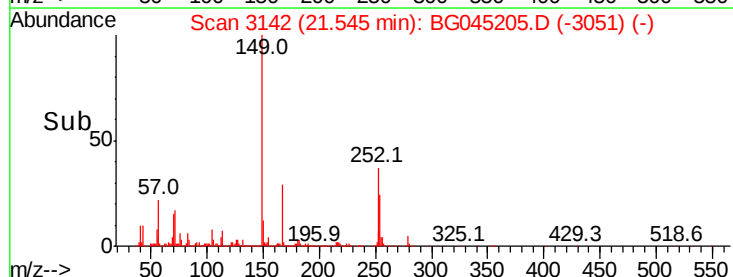
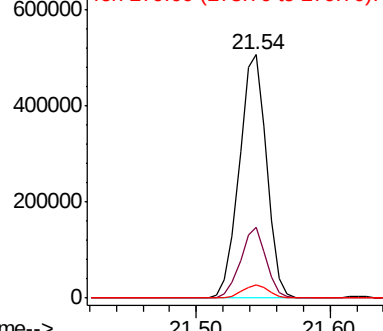


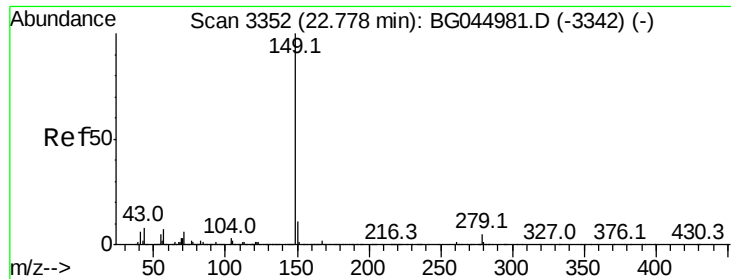
Abundance

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: 42.596 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

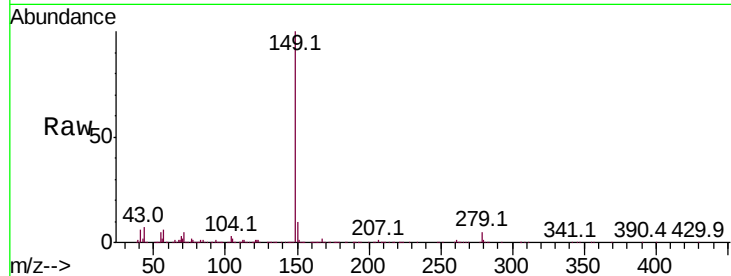
Tot Ion:149 Resp: 1234063

Ion Ratio Lower Upper

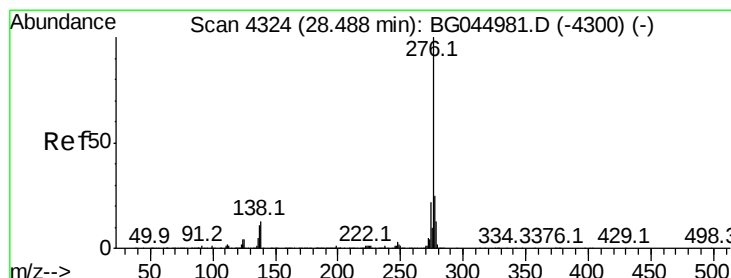
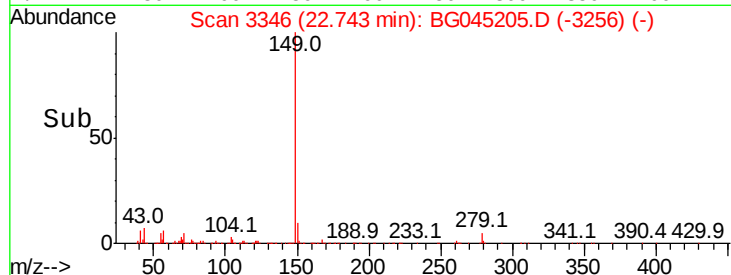
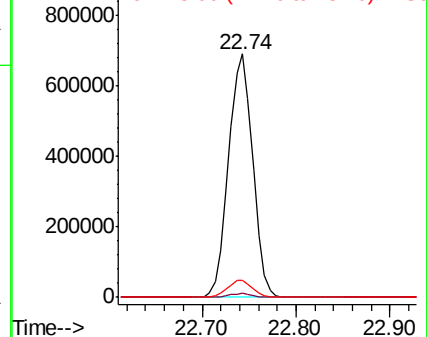
149 100

167 1.7 1.4 2.2

43 7.2 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: 43.995 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

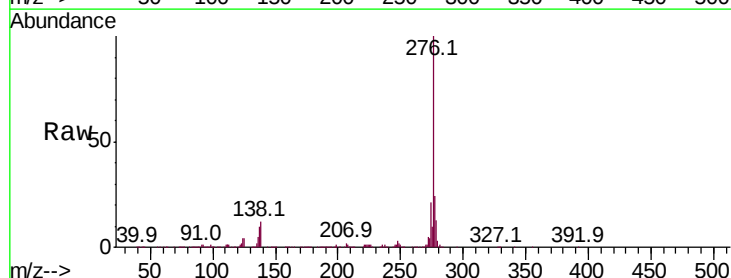
Tgt Ion:276 Resp: 1550600

Ion Ratio Lower Upper

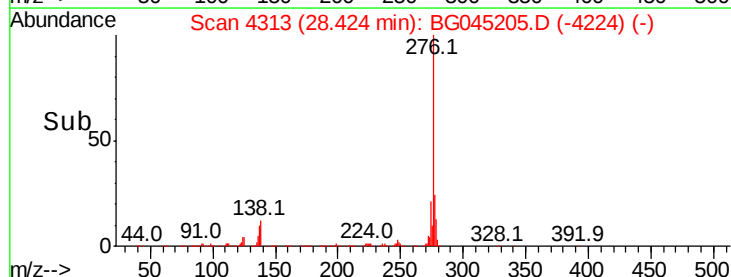
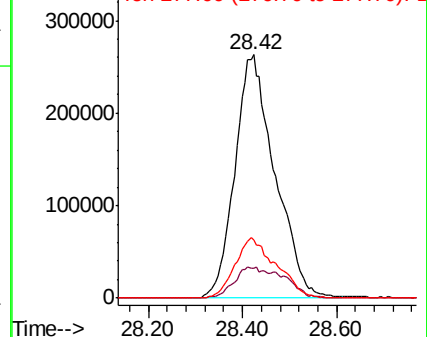
276 100

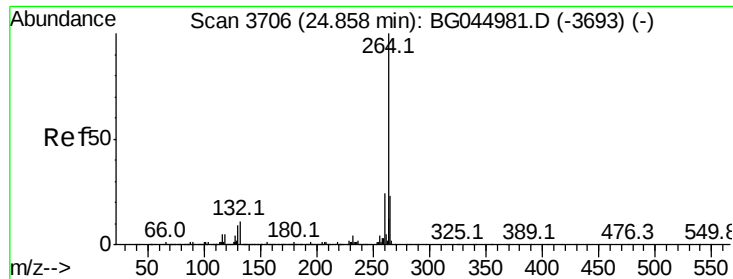
138 10.3 9.6 14.4

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

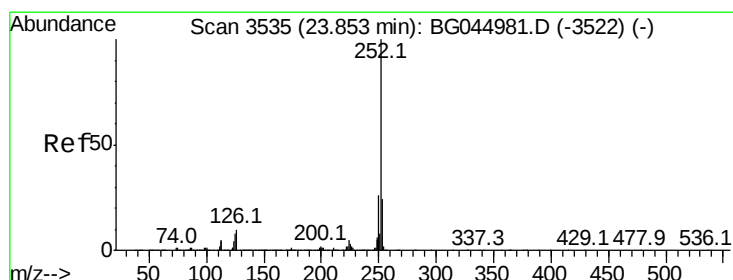
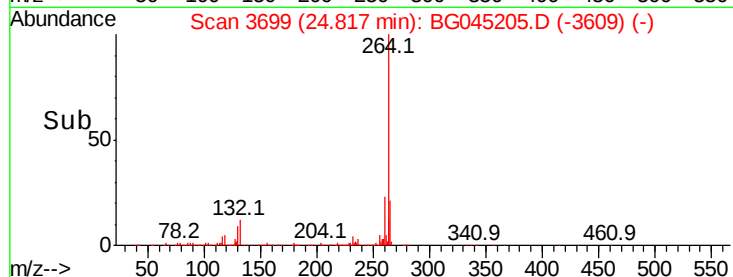
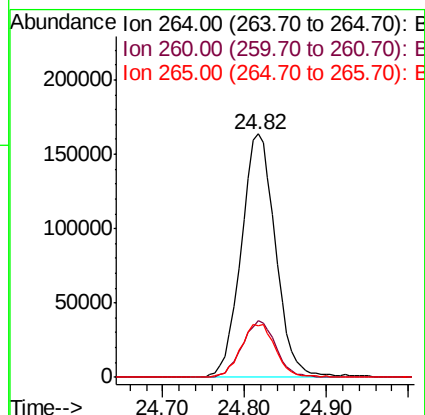
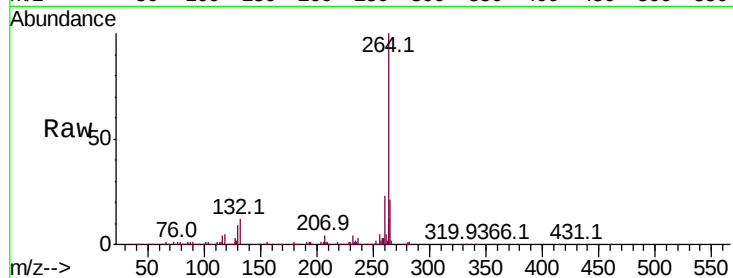




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

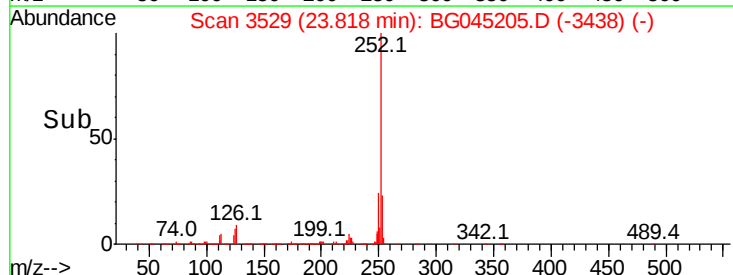
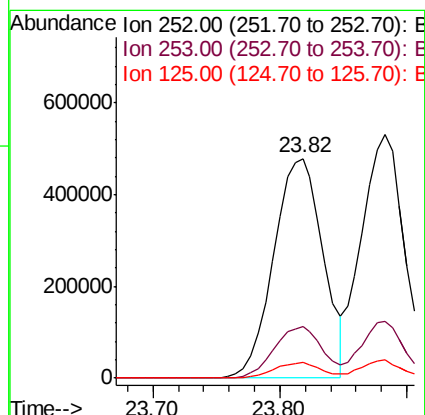
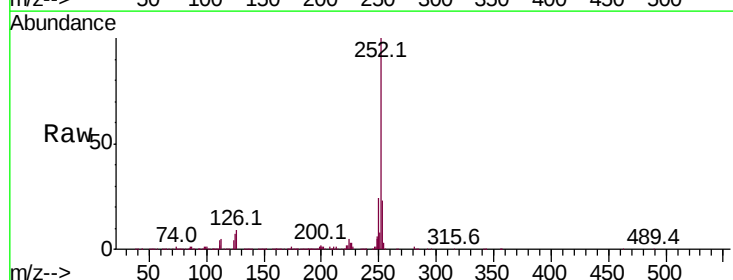
Instrument :
BNA_G
ClientSampleId :
PB128538BS

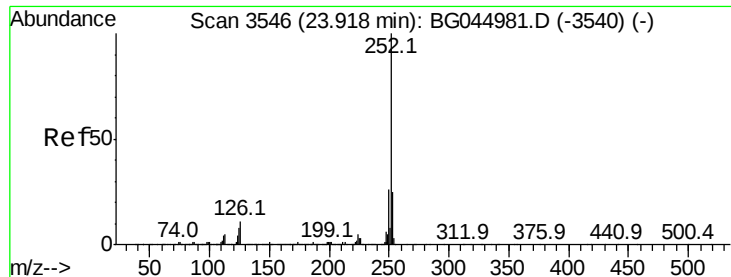
Tot Ion:264 Resp: 476628
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.1 19.0 28.4



#88
Benzo(b)fluoranthene
Concen: 43.315 ng
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:252 Resp: 1293189
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 7.1 6.2 9.4

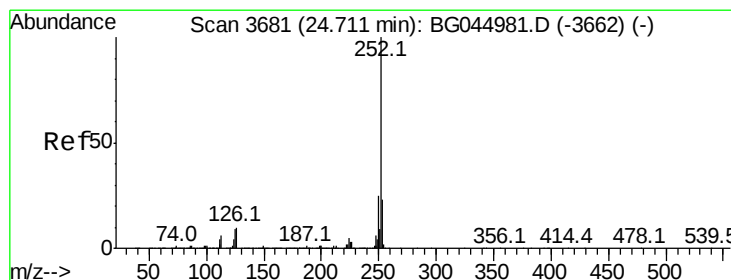
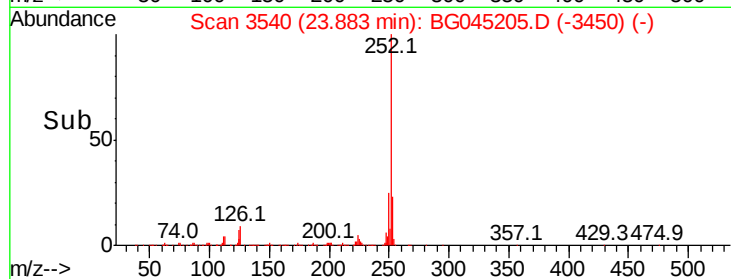
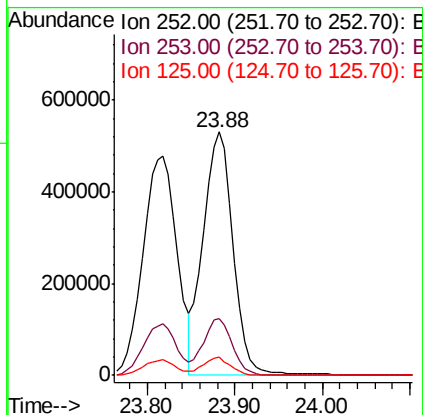
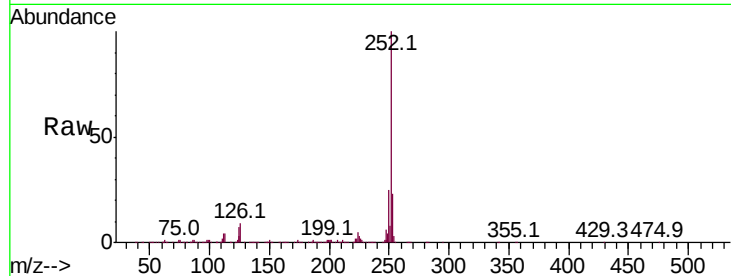




#89
Benzo(k)fluoranthene
Concen: 44.443 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

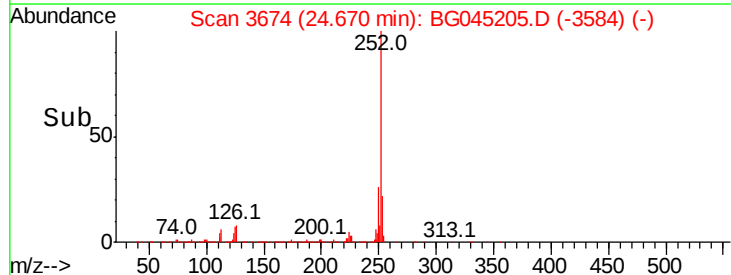
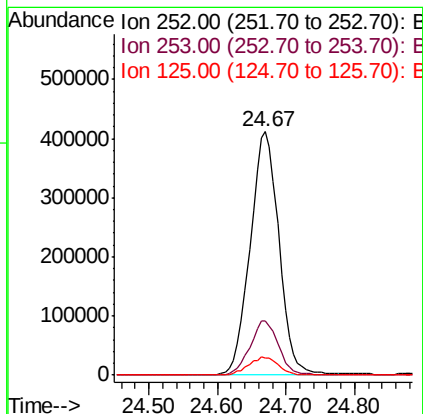
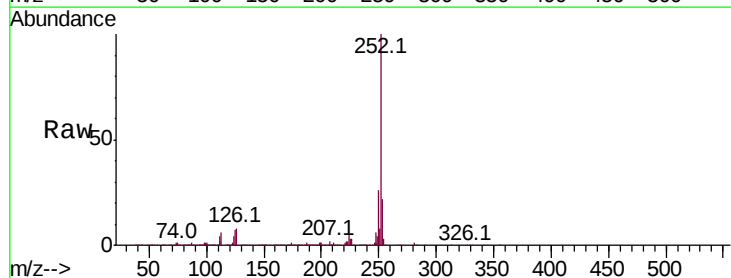
Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion:252 Resp: 1261851
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 7.5 5.9 8.9



#90
Benzo(a)pyrene
Concen: 42.718 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:252 Resp: 1204152
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 7.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.329 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

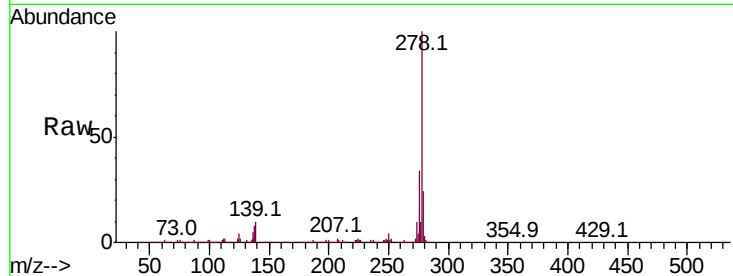
Tot Ion:278 Resp: 1259134

Ion Ratio Lower Upper

278 100

139 9.8 9.0 13.6

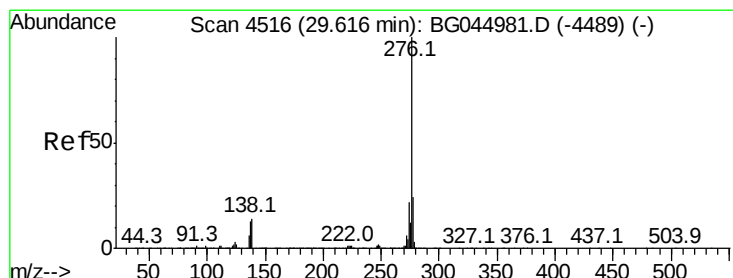
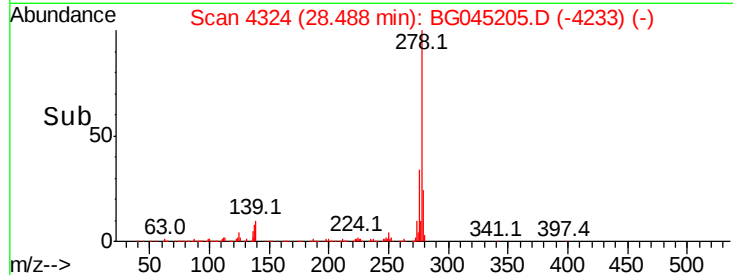
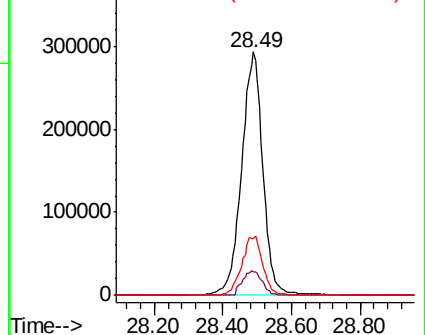
279 23.6 18.4 27.6



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: 44.074 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

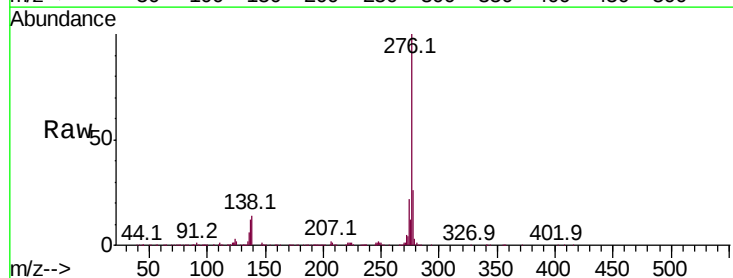
Tgt Ion:276 Resp: 1255094

Ion Ratio Lower Upper

276 100

277 25.9 19.3 28.9

138 14.4 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

