

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045206.D
 Acq On : 29 Apr 2020 15:39
 Operator : CG/JU
 Sample : PB128538BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Quant Time: Apr 29 16:22:07 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	60949	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	256389	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201417	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	488235	20.00	ng	0.00
76) Chrysene-d12	21.65	240	450834	20.00	ng	0.00
87) Perylene-d12	24.81	264	499892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	340137	92.13	ng	0.00
7) Phenol-d6	7.16	99	485759	88.56	ng	0.00
23) Nitrobenzene-d5	9.15	82	436996	77.77	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	263961	84.83	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1087244	79.15	ng	0.00
79) Terphenyl-d14	19.99	244	1949878	94.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	56888	34.674	ng	98
3) Pyridine	3.84	79	163454	32.357	ng	94
4) n-Nitrosodimethylamine	3.76	42	66644	43.066	ng	# 90
6) Aniline	7.31	93	234937	32.943	ng	99
8) 2-Chlorophenol	7.56	128	193093	48.667	ng	98
9) Benzaldehyde	7.12	77	76126	20.394	ng	98
10) Phenol	7.18	94	262976	47.912	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	176809	40.459	ng	98
12) 1,3-Dichlorobenzene	7.88	146	200222	42.825	ng	97
13) 1,4-Dichlorobenzene	8.02	146	205093	44.024	ng	100
14) 1,2-Dichlorobenzene	8.35	146	193279	43.366	ng	94
15) Benzyl Alcohol	8.22	79	191505	41.643	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	162410	37.860	ng	94
17) 2-Methylphenol	8.43	107	175776	41.507	ng	96
18) Hexachloroethane	9.08	117	76722	43.807	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	157476	40.597	ng	99
20) 3+4-Methylphenols	8.76	107	246707	41.620	ng	97
22) Acetophenone	8.81	105	288081	41.550	ng	98
24) Nitrobenzene	9.19	77	242950	42.181	ng	95
25) Isophorone	9.71	82	458781	39.870	ng	98
26) 2-Nitrophenol	9.91	139	113239	45.643	ng	98
27) 2,4-Dimethylphenol	9.97	122	182930	46.469	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	251589	41.613	ng	100
29) 2,4-Dichlorophenol	10.45	162	212651	46.782	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	220661	42.876	ng	96
31) Naphthalene	10.85	128	590122	42.074	ng	99
32) Benzoic acid	10.11	122	126820	40.957	ng	95
33) 4-Chloroaniline	10.95	127	138210	21.129	ng	96
34) Hexachlorobutadiene	11.14	225	150114	42.543	ng	98
35) Caprolactam	11.72	113	49159	27.173	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	255021	47.758	ng	99
37) 2-Methylnaphthalene	12.46	142	469782	43.153	ng	96
38) 1-Methylnaphthalene	12.68	142	452808	44.059	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	262053	40.408	ng	99

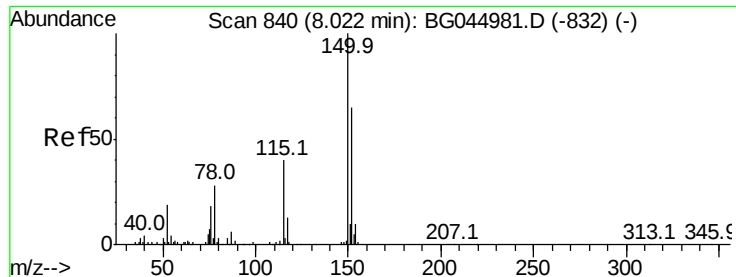
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042920\
 Data File : BG045206.D
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 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	365892	90.271	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	201232	43.966	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	212251	40.741	ng	99
46) 1,1'-Biphenyl	13.46	154	618001	40.368	ng	99
47) 2-Chloronaphthalene	13.50	162	478526	40.908	ng	98
48) 2-Nitroaniline	13.70	65	159759	41.509	ng	98
49) Acenaphthylene	14.36	152	805387	42.269	ng	99
50) Dimethylphthalate	14.09	163	682155	41.594	ng	99
51) 2,6-Dinitrotoluene	14.20	165	156356	42.624	ng	95
52) Acenaphthene	14.70	154	488668	37.905	ng	99
53) 3-Nitroaniline	14.53	138	110086	27.363	ng	99
54) 2,4-Dinitrophenol	14.74	184	208288	95.489	ng	96
55) Dibenzofuran	15.03	168	803119	42.730	ng	99
56) 4-Nitrophenol	14.85	139	261284	83.759	ng	96
57) 2,4-Dinitrotoluene	14.99	165	225250	42.018	ng	96
58) Fluorene	15.68	166	667729	43.494	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	219914	47.441	ng	98
60) Diethylphthalate	15.45	149	715787	41.861	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	367157	41.550	ng	99
62) 4-Nitroaniline	15.70	138	160444	38.449	ng	97
63) Azobenzene	15.97	77	679863	43.126	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	148347	46.226	ng	99
66) n-Nitrosodiphenylamine	15.89	169	604347	43.082	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	261852	41.573	ng	97
68) Hexachlorobenzene	16.69	284	287417	43.998	ng	100
69) Atrazine	16.84	200	252920	49.959	ng	99
70) Pentachlorophenol	17.03	266	357860	89.300	ng	97
71) Phenanthrene	17.42	178	1110313	44.255	ng	99
72) Anthracene	17.52	178	1124265	44.672	ng	99
73) Carbazole	17.78	167	1040824	40.753	ng	98
74) Di-n-butylphthalate	18.34	149	1246706	44.819	ng	99
75) Fluoranthene	19.43	202	1393672	47.619	ng	99
77) Benzidine	19.61	184	763880	60.558	ng	98
78) Pyrene	19.79	202	1356931	43.658	ng	98
80) Butylbenzylphthalate	20.68	149	554177	43.015	ng	99
81) Benzo(a)anthracene	21.62	228	1288212	44.086	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	373360	32.102	ng	98
83) Chrysene	21.69	228	1263388	45.000	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	781069	44.081	ng	100
85) Di-n-octyl phthalate	22.74	149	1341094	43.768	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1677742	45.009	ng	# 96
88) Benzo(b)fluoranthene	23.81	252	1430125	45.672	ng	99
89) Benzo(k)fluoranthene	23.88	252	1357572	45.589	ng	99
90) Benzo(a)pyrene	24.67	252	1314135	44.450	ng	# 98
91) Dibenzo(a,h)anthracene	28.48	278	1342153	45.053	ng	95
92) Benzo(g,h,i)perylene	29.55	276	1356490	45.418	ng	98

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

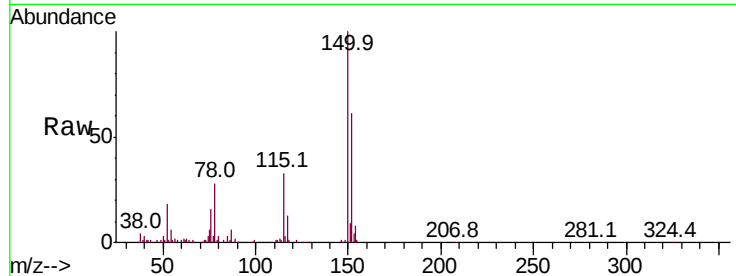


#1

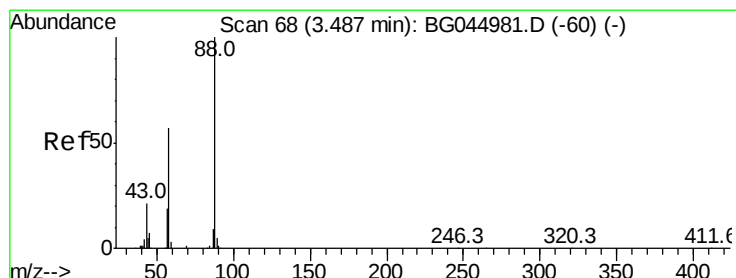
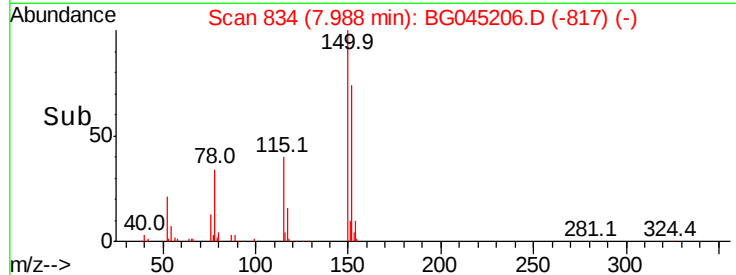
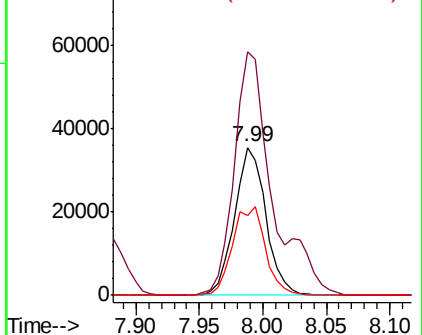
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	53.8	49.1	73.7



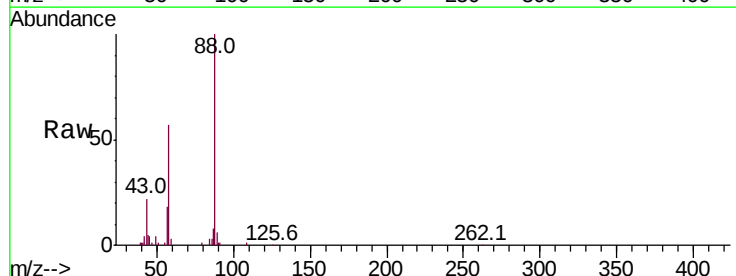
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



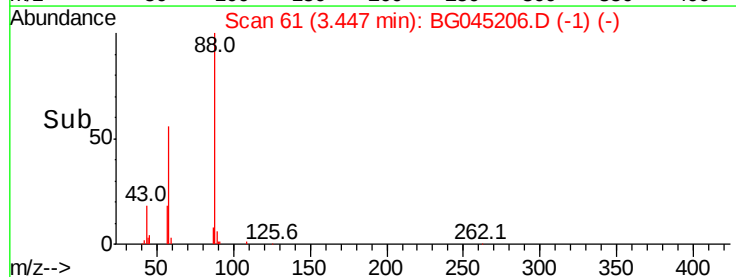
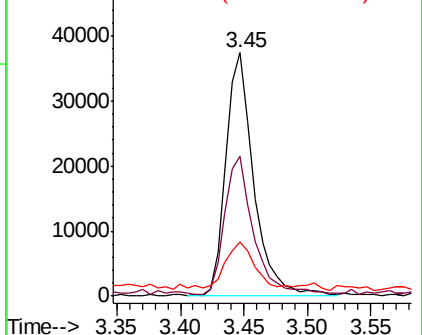
#2

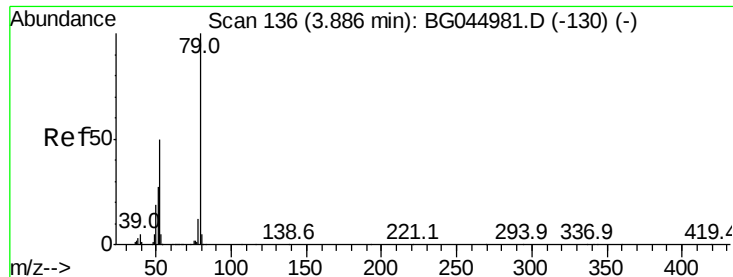
1,4-Dioxane
Concen: 34.674 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	19.1	17.5	26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.357 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

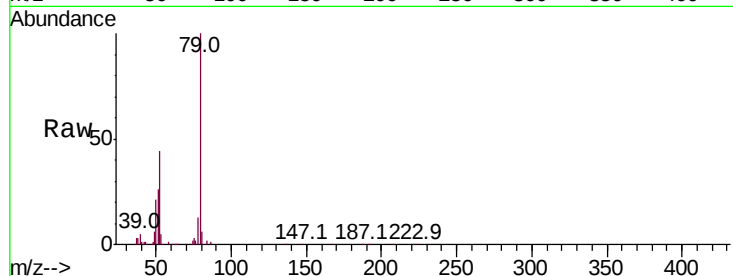
Tot Ion: 79 Resp: 163454

Ion Ratio Lower Upper

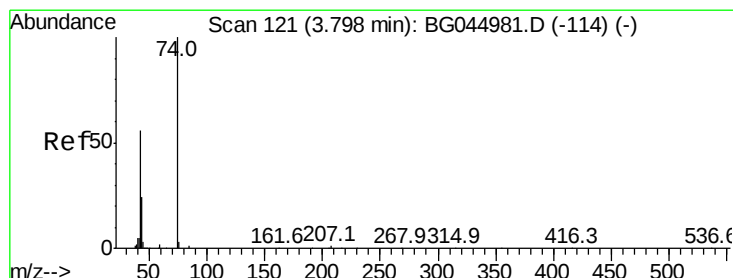
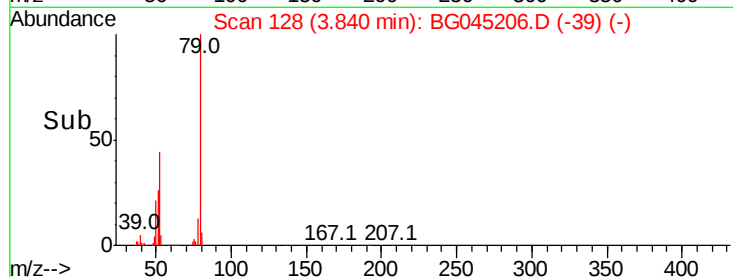
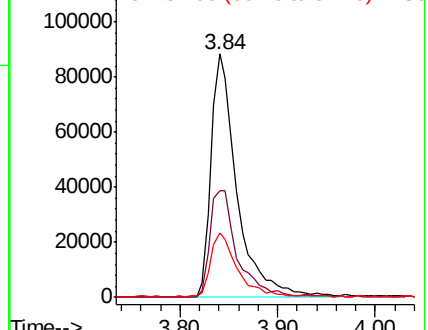
79 100

52 43.6 39.8 59.6

51 26.4 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 43.066 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

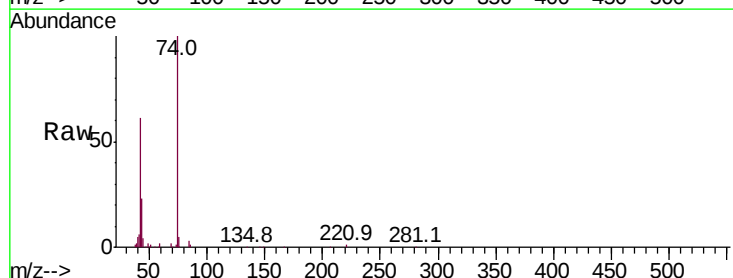
Tgt Ion: 42 Resp: 66644

Ion Ratio Lower Upper

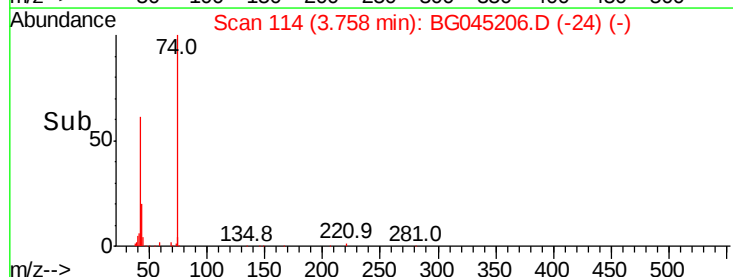
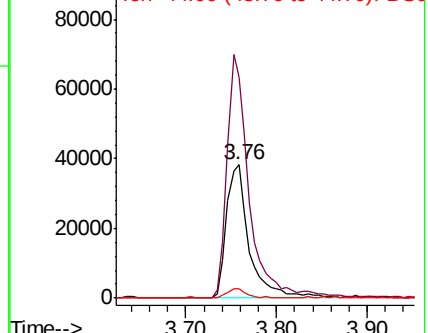
42 100

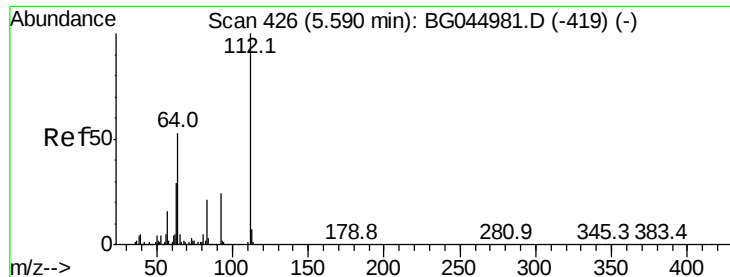
74 164.8 143.0 214.6

44 7.1 4.6 6.8#



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





#5

2-Fluorophenol

Concen: 92.134 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

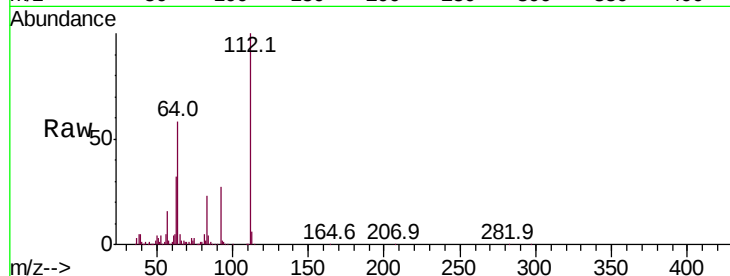
Tot Ion:112 Resp: 340137

Ion Ratio Lower Upper

112 100

64 57.9 42.4 63.6

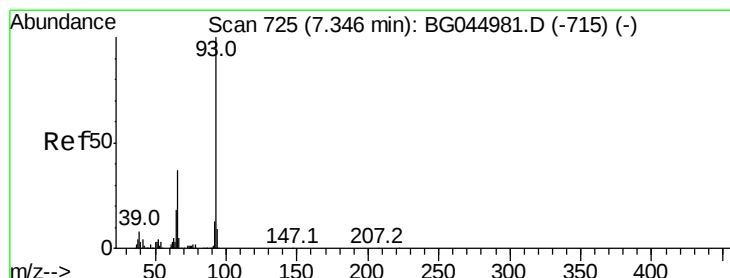
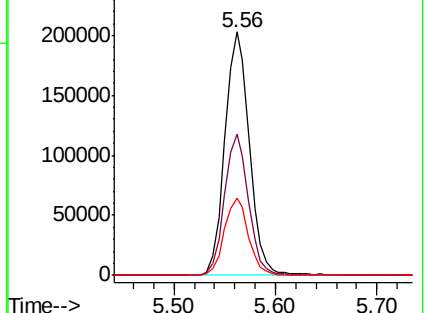
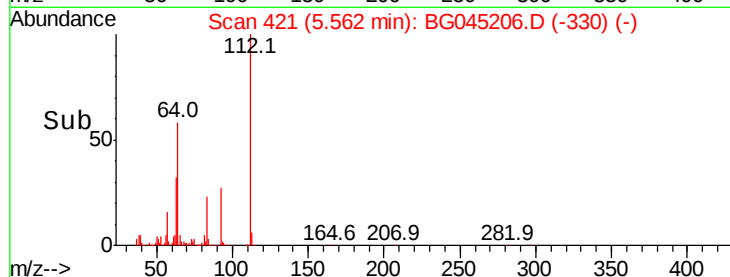
63 31.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.943 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

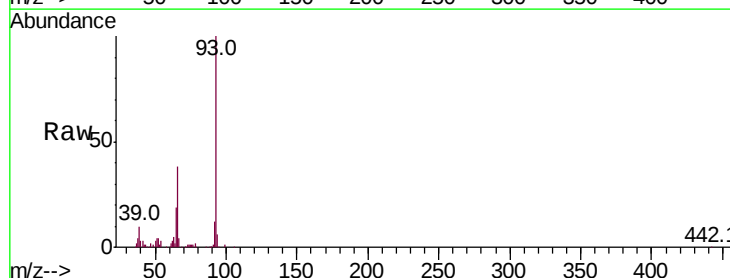
Tgt Ion: 93 Resp: 234937

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.8

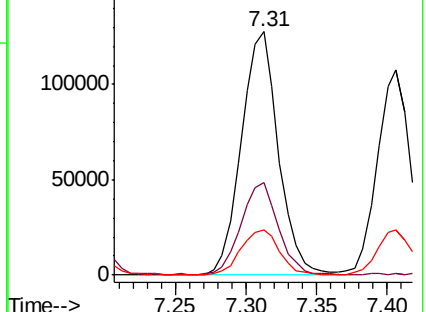
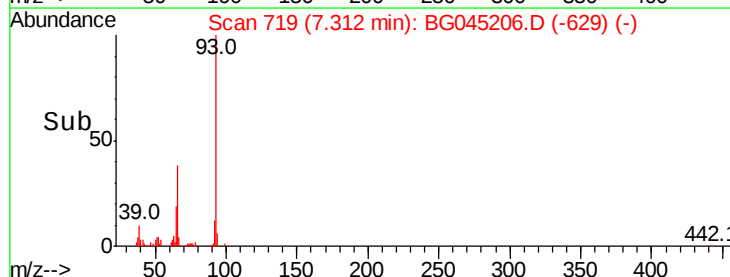
65 18.6 14.6 22.0

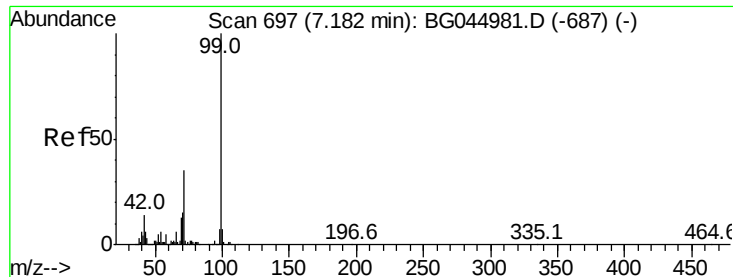


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.561 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

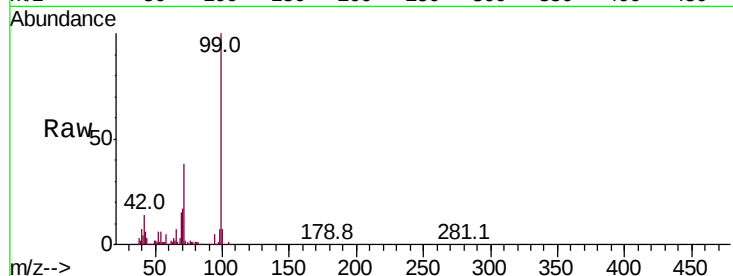
Tot Ion: 99 Resp: 485759

Ion Ratio Lower Upper

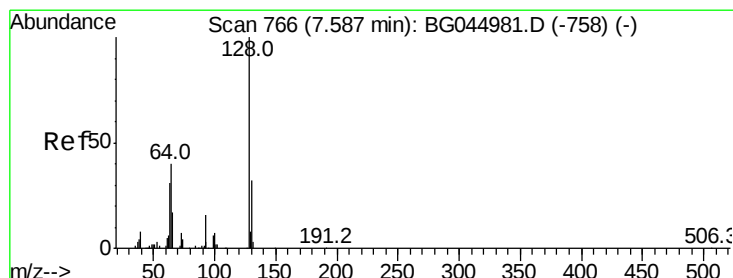
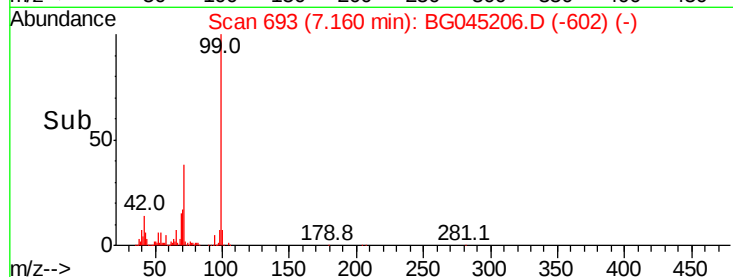
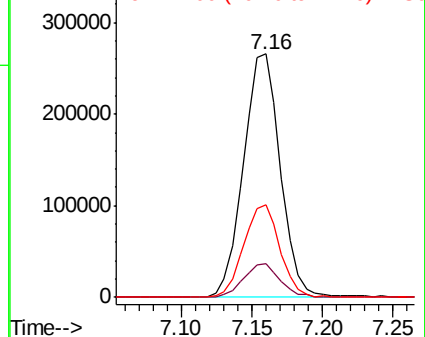
99 100

42 13.8 11.3 16.9

71 38.1 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: 48.667 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

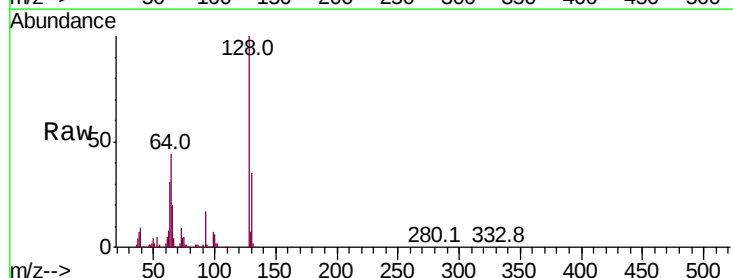
Tgt Ion: 128 Resp: 193093

Ion Ratio Lower Upper

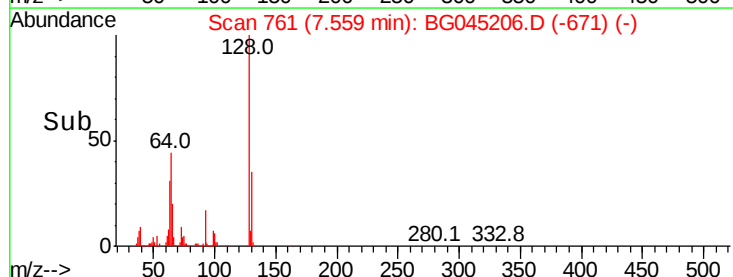
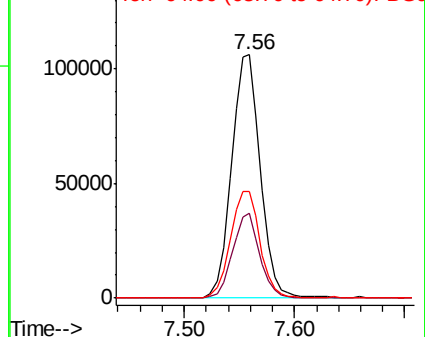
128 100

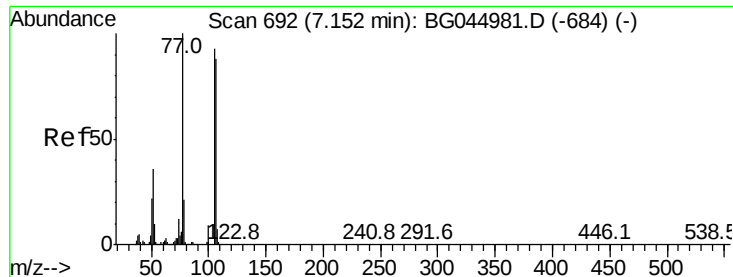
130 34.8 12.3 52.3

64 43.8 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: 20.394 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleID :

PB128538BSD

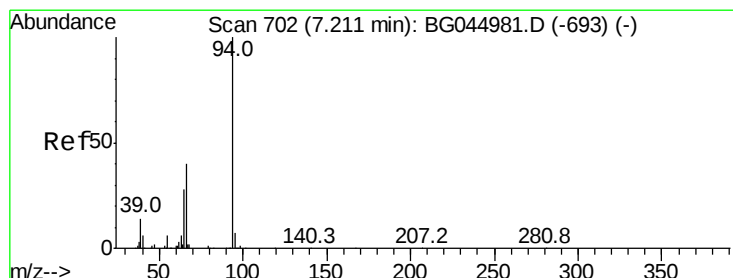
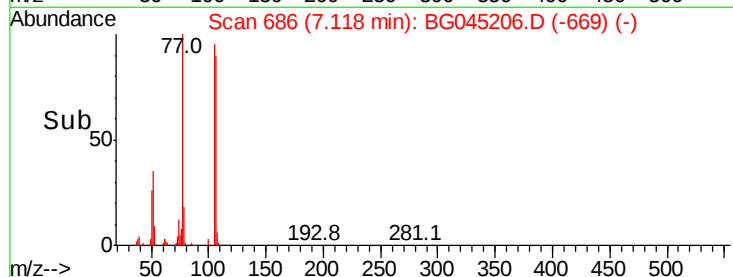
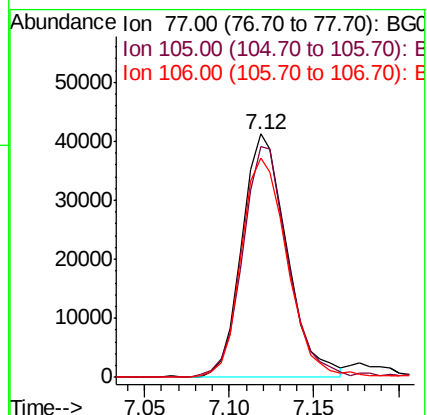
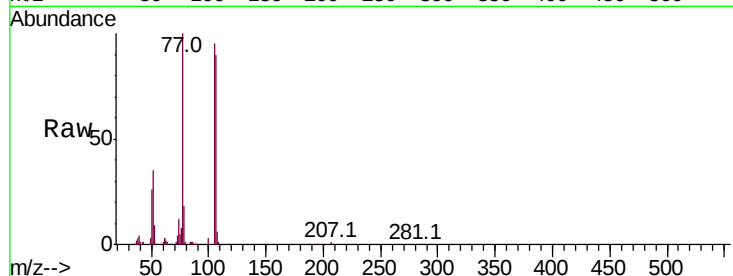
Tot Ion: 77 Resp: 76126

Ion Ratio Lower Upper

77 100

105 94.7 72.9 112.9

106 90.0 67.6 107.6



#10

Phenol

Concen: 47.912 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

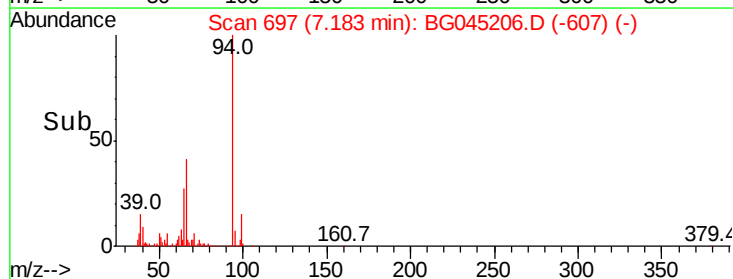
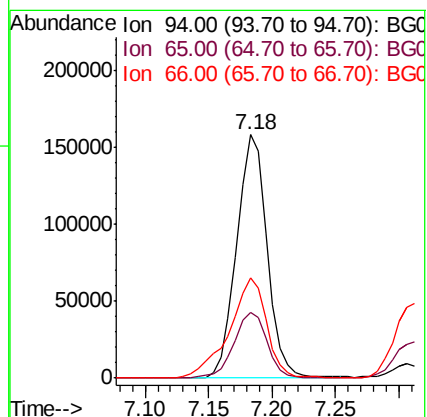
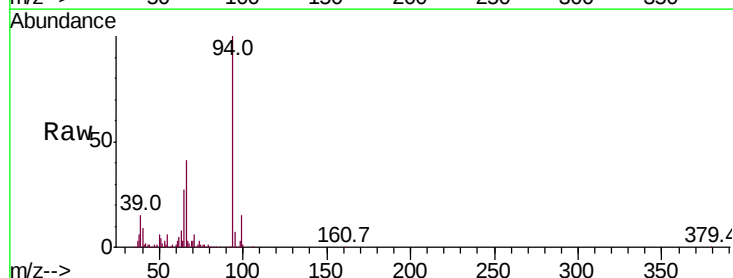
Tgt Ion: 94 Resp: 262976

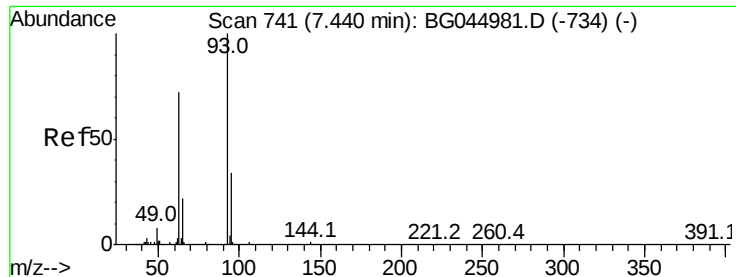
Ion Ratio Lower Upper

94 100

65 26.9 8.2 48.2

66 41.0 20.4 60.4

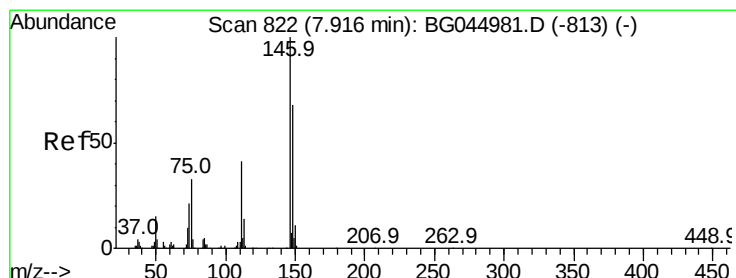
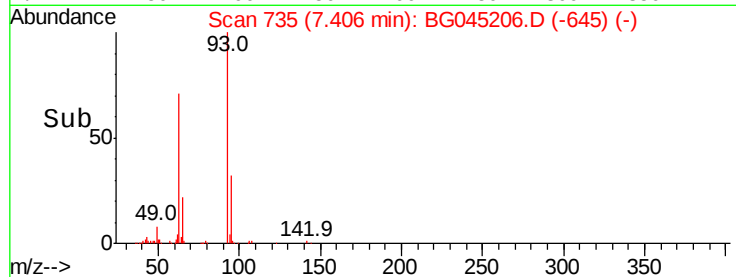
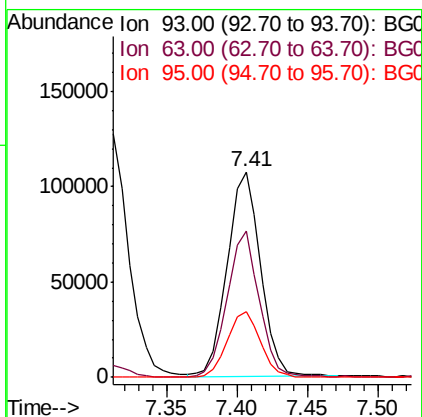
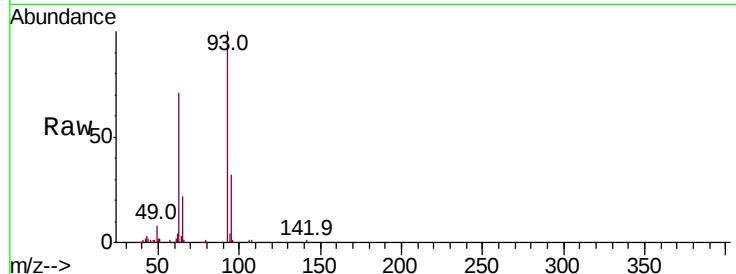




#11
bis(2-Chloroethyl)ether
Concen: 40.459 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

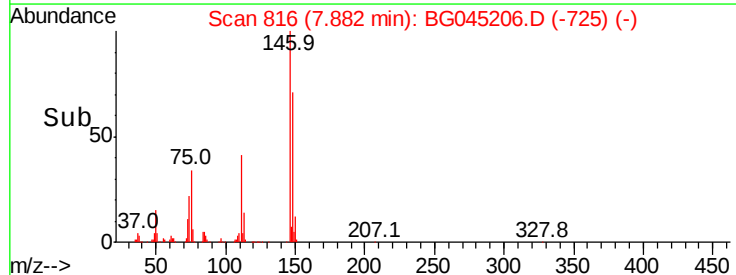
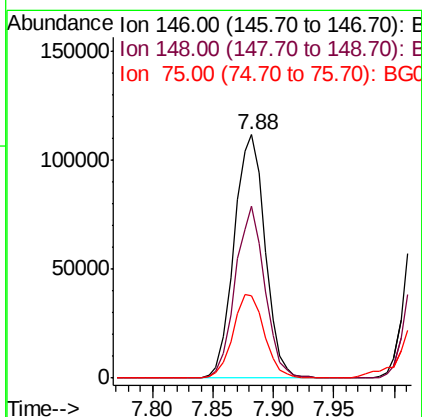
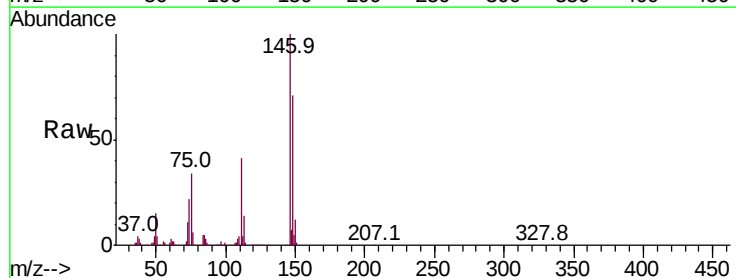
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

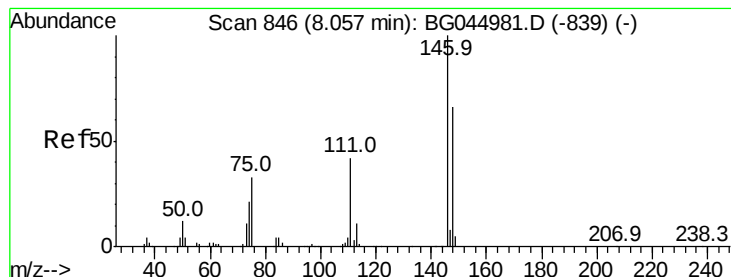
Tot Ion: 93 Resp: 176809
Ion Ratio Lower Upper
93 100
63 70.8 51.8 91.8
95 32.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 42.825 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion: 146 Resp: 200222
Ion Ratio Lower Upper
146 100
148 70.9 54.6 81.8
75 33.6 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 44.024 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

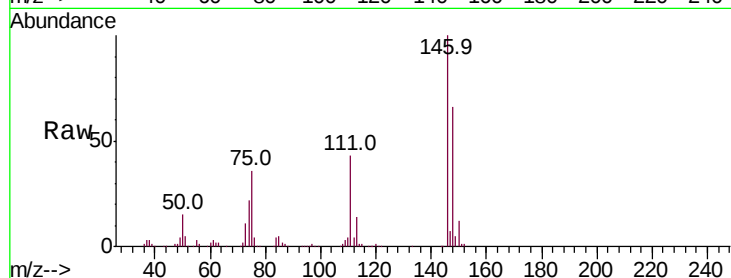
Tot Ion:146 Resp: 205093

Ion Ratio Lower Upper

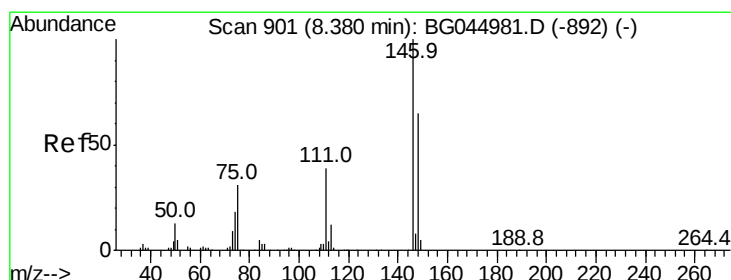
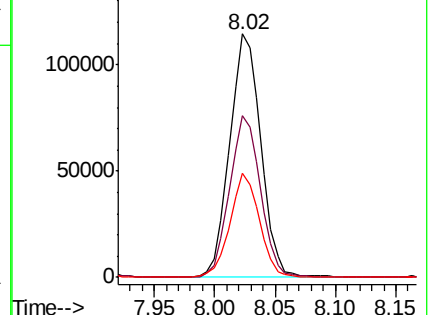
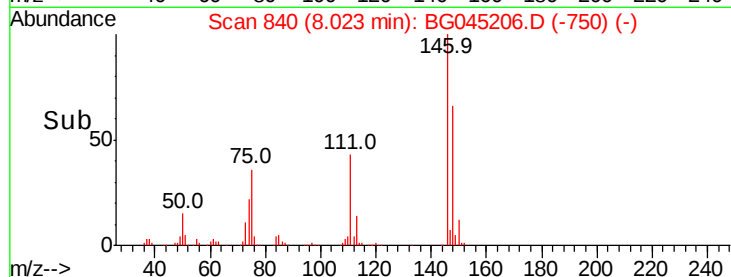
146 100

148 66.3 53.3 79.9

111 42.6 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.366 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

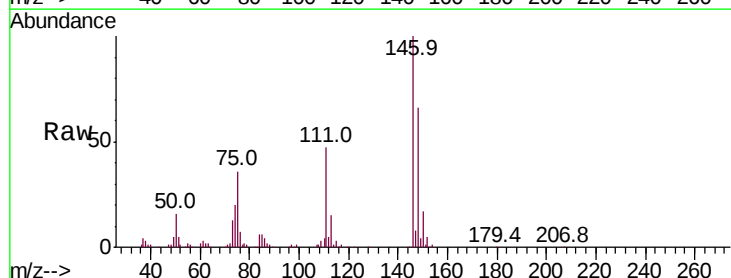
Tgt Ion:146 Resp: 193279

Ion Ratio Lower Upper

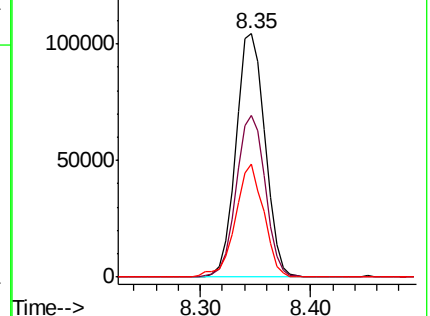
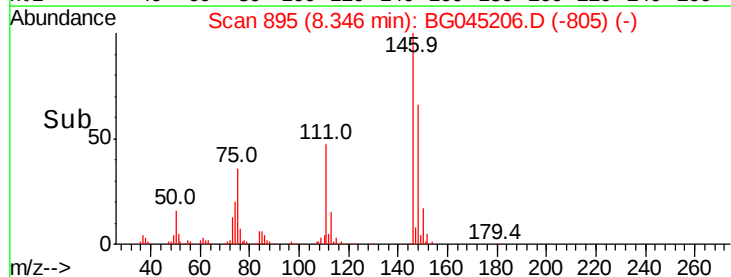
146 100

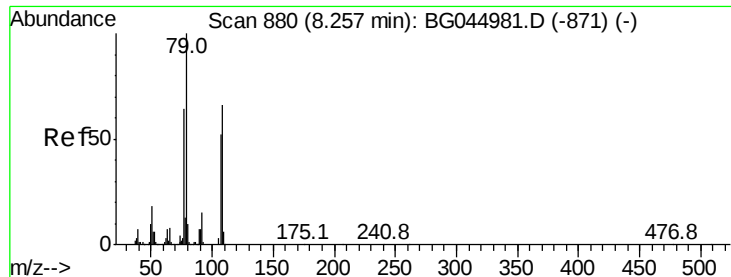
148 66.5 51.9 77.9

111 46.6 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.643 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleID :

PB128538BSD

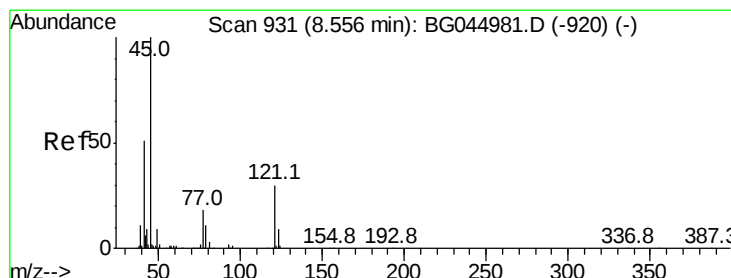
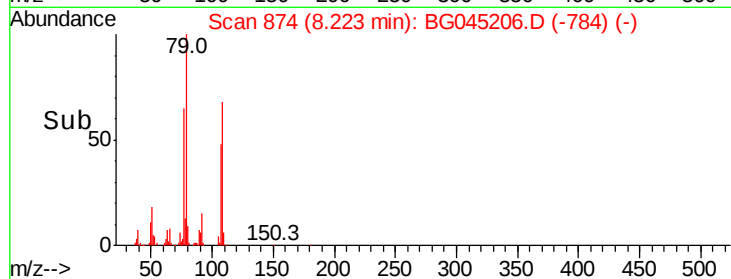
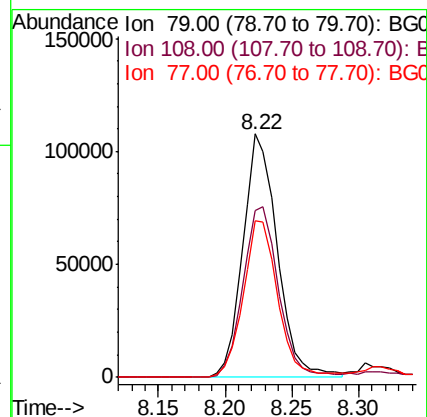
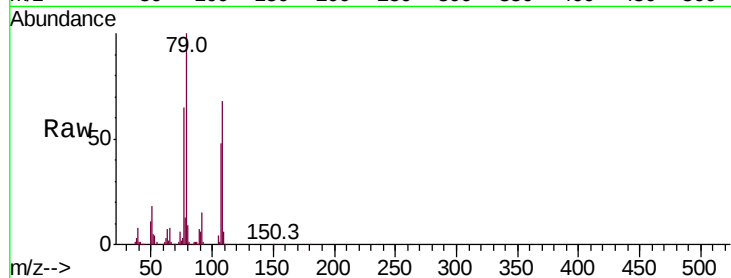
Tot Ion: 79 Resp: 191505

Ion Ratio Lower Upper

79 100

108 68.5 52.7 79.1

77 64.6 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.860 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

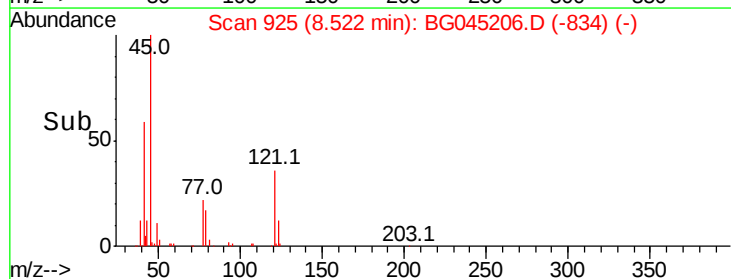
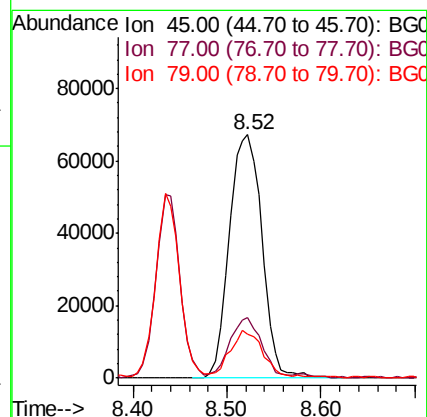
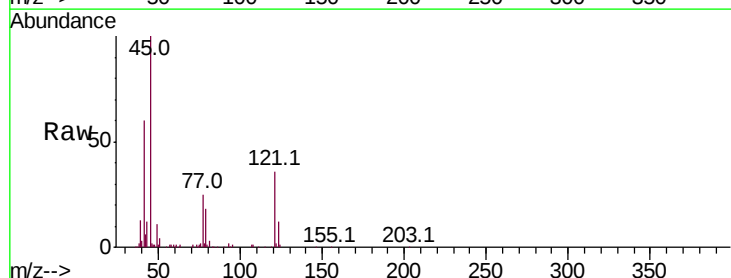
Tgt Ion: 45 Resp: 162410

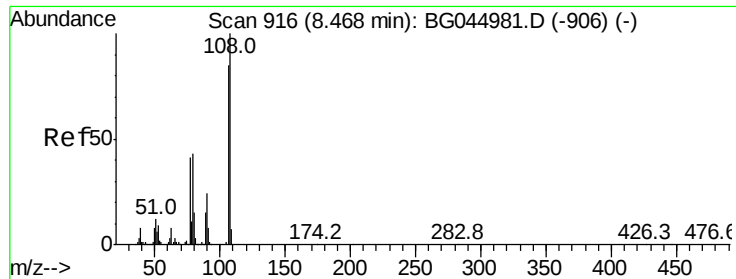
Ion Ratio Lower Upper

45 100

77 24.7 1.9 41.9

79 18.0 0.0 35.5





#17

2-Methylphenol

Concen: 41.507 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:107 Resp: 175776

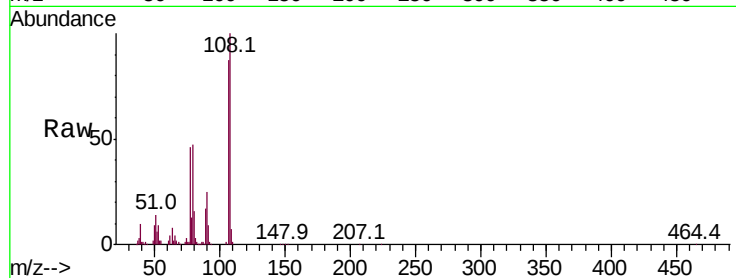
Ion Ratio Lower Upper

107 100

108 115.2 93.8 140.6

77 53.1 38.5 57.7

79 53.6 40.1 60.1

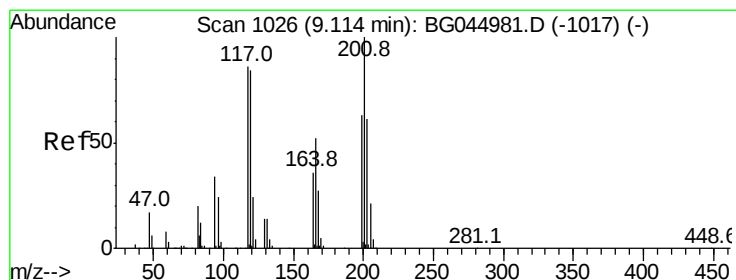
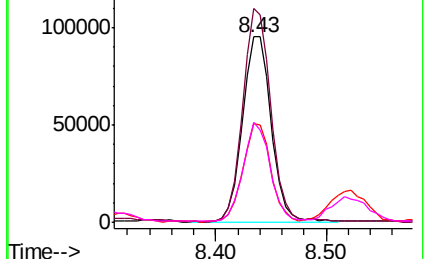
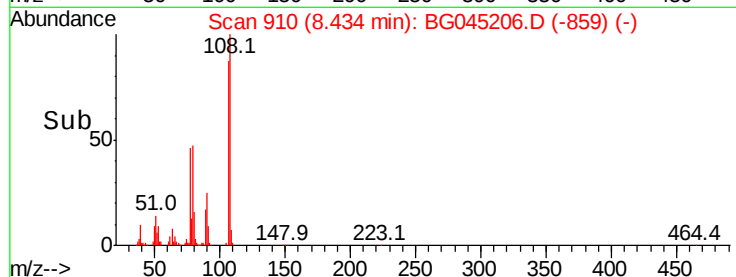


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.807 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

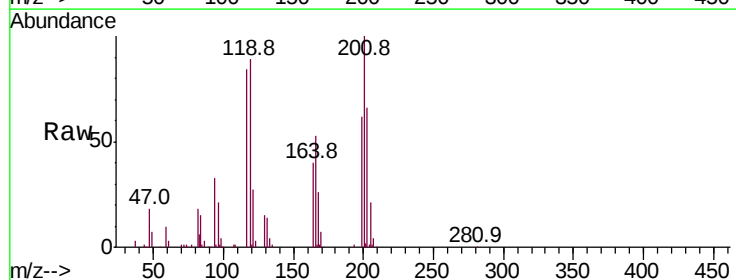
Tgt Ion:117 Resp: 76722

Ion Ratio Lower Upper

117 100

119 105.8 78.3 117.5

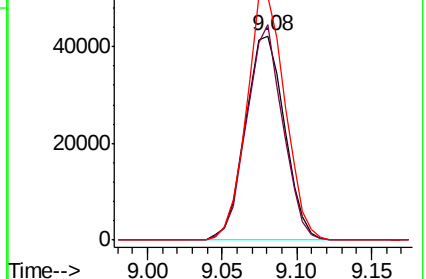
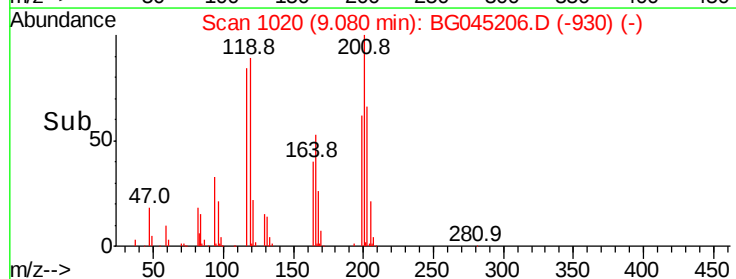
201 119.3 92.9 139.3

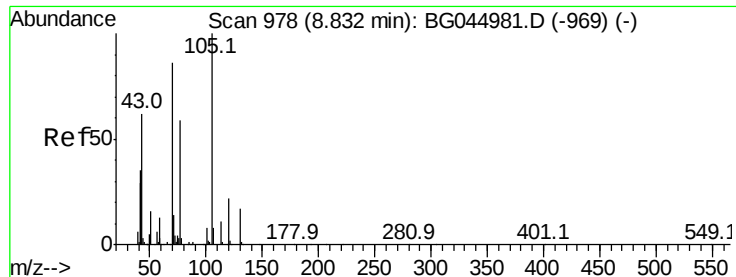


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.597 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion: 70 Resp: 157476

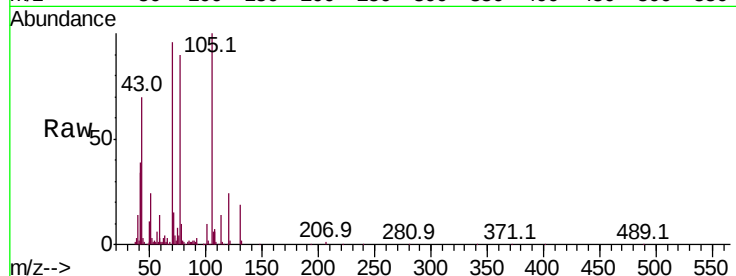
Ion Ratio Lower Upper

70 100

42 40.9 33.3 49.9

101 10.1 7.8 11.8

130 19.9 15.8 23.6

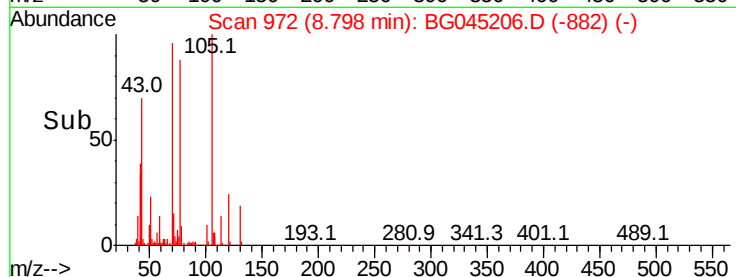
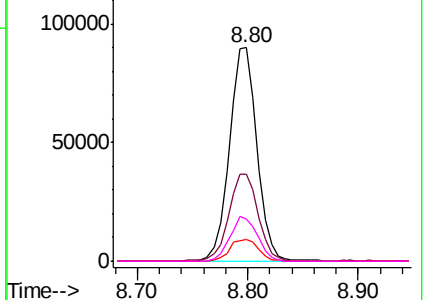


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.620 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:107 Resp: 246707

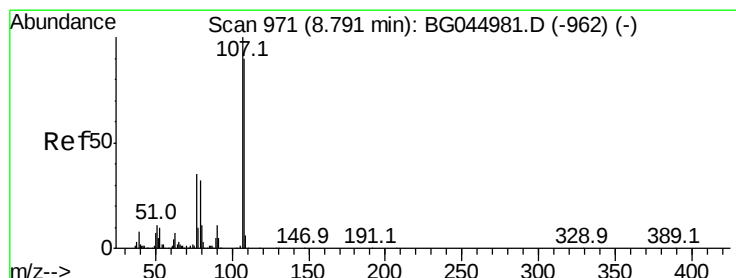
Ion Ratio Lower Upper

107 100

108 86.5 69.9 109.9

77 36.5 15.2 55.2

79 32.5 11.6 51.6

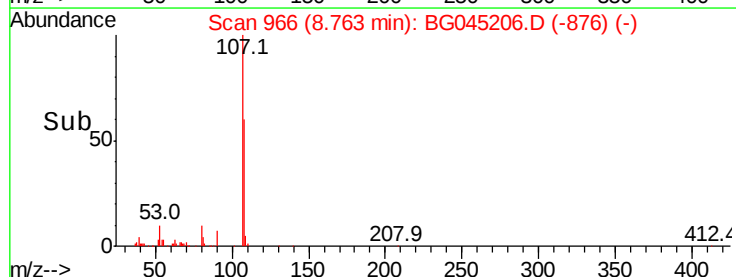
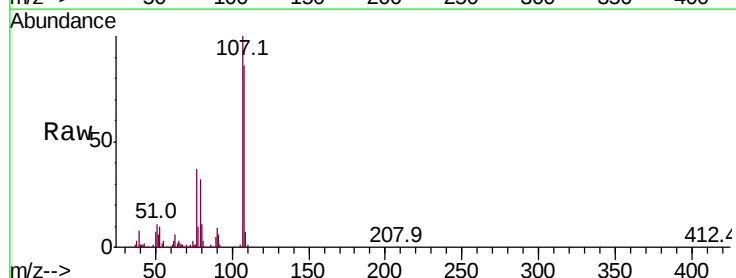
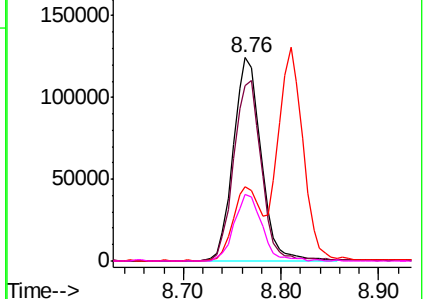


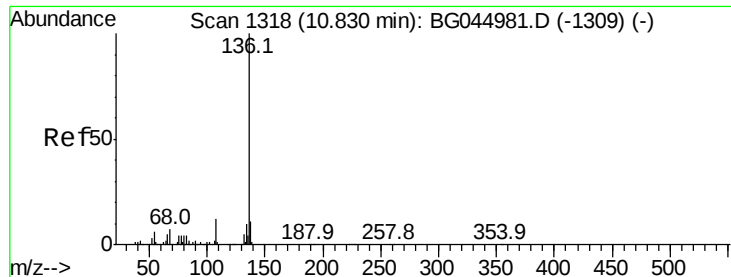
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:136 Resp: 256389

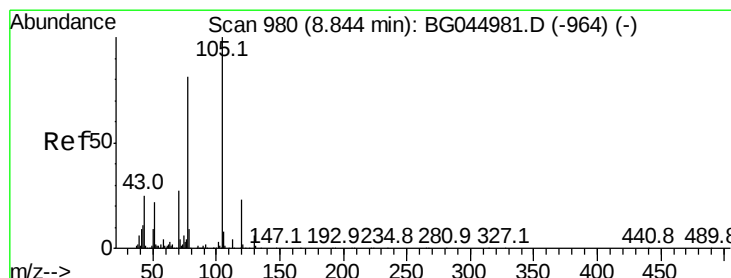
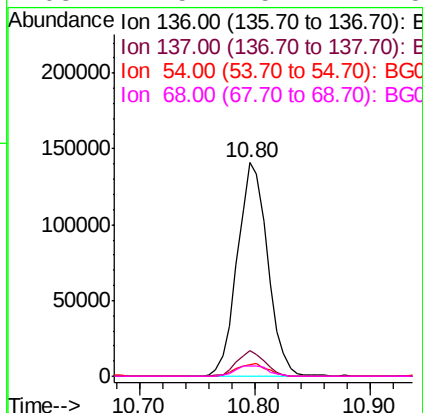
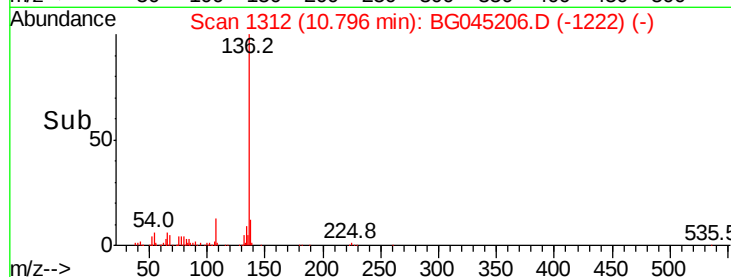
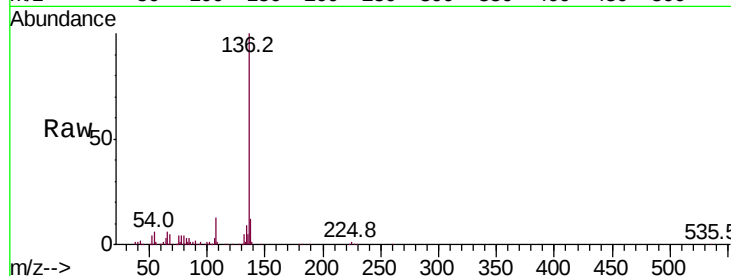
Ion Ratio Lower Upper

136 100

137 11.9 8.6 13.0

54 5.7 4.8 7.2

68 4.5 5.2 7.8#



#22

Acetophenone

Concen: 41.550 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:105 Resp: 288081

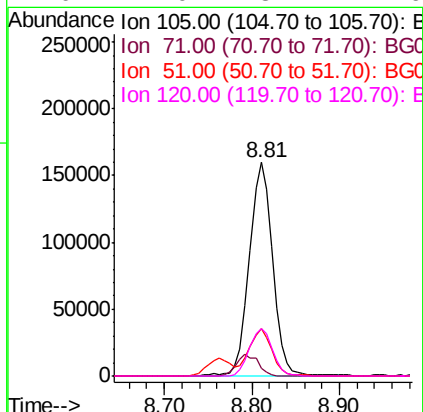
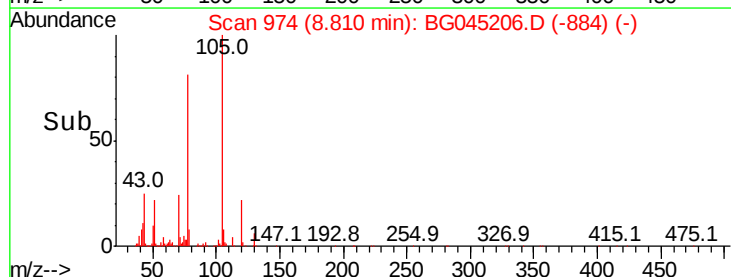
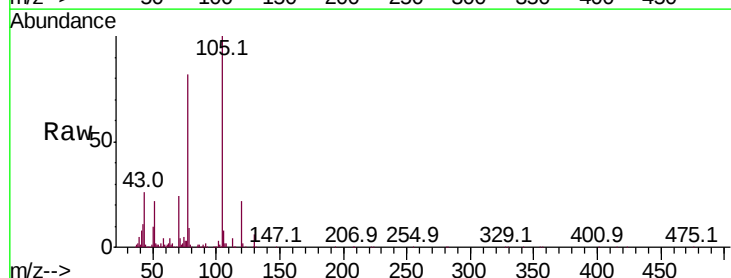
Ion Ratio Lower Upper

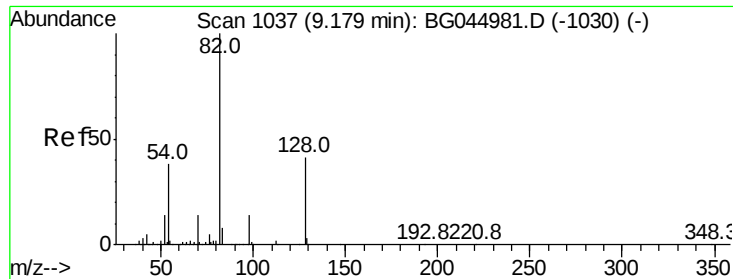
105 100

71 3.9 3.3 4.9

51 22.5 17.3 25.9

120 22.0 18.4 27.6

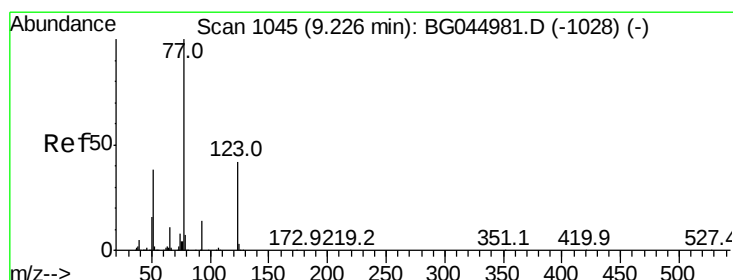
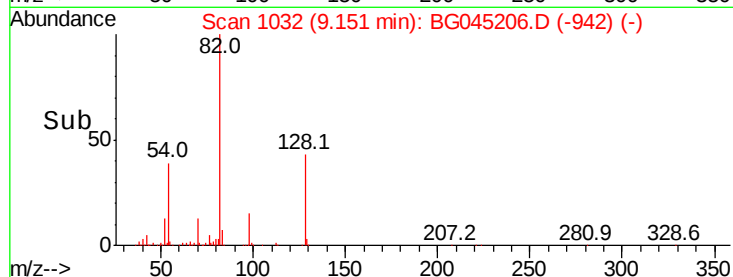
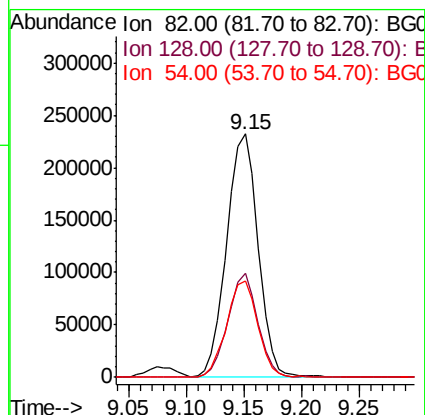
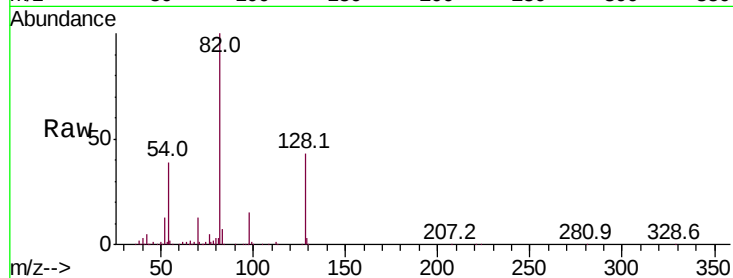




#23
Nitrobenzene-d5
Concen: 77.771 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

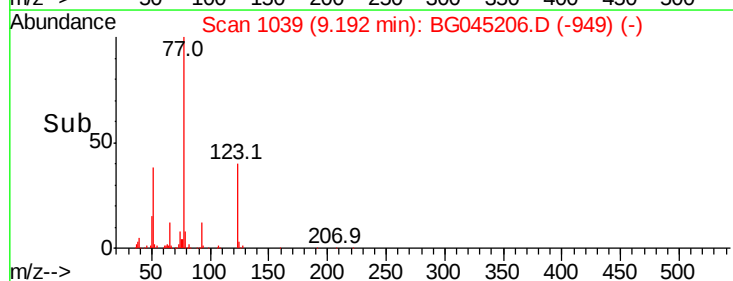
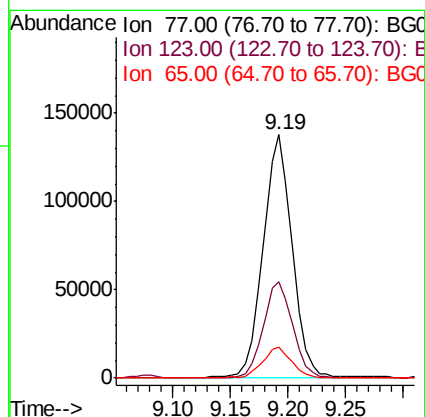
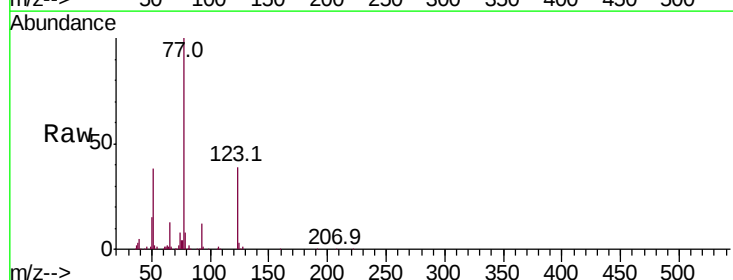
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

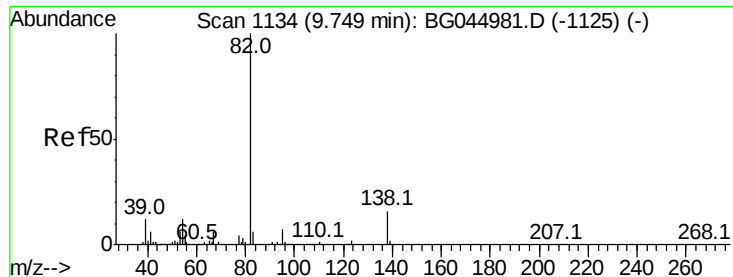
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	39.5	30.4	45.6



#24
Nitrobenzene
Concen: 42.181 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	34.3	51.5
65	12.6	8.9	13.3





#25

Isophorone

Concen: 39.870 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

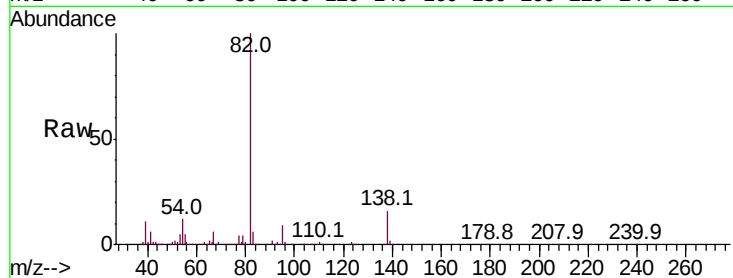
Tot Ion: 82 Resp: 458781

Ion Ratio Lower Upper

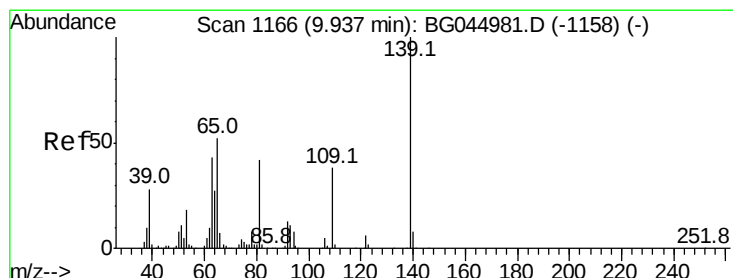
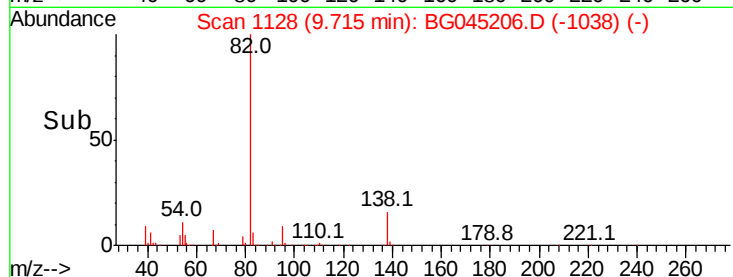
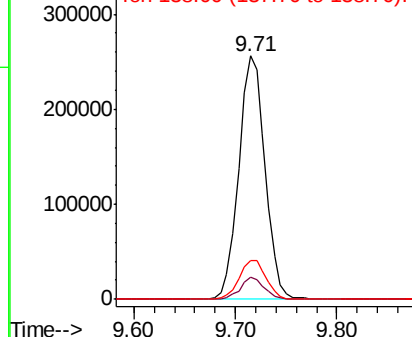
82 100

95 8.9 6.0 9.0

138 15.7 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: 45.643 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

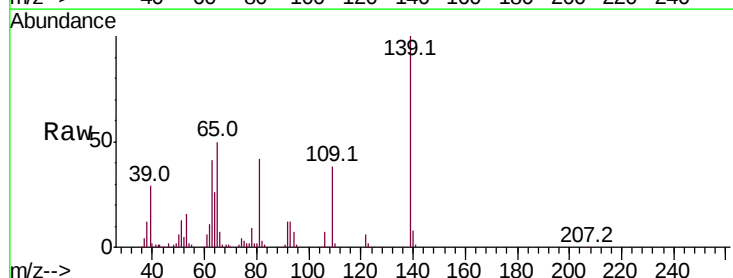
Tgt Ion: 139 Resp: 113239

Ion Ratio Lower Upper

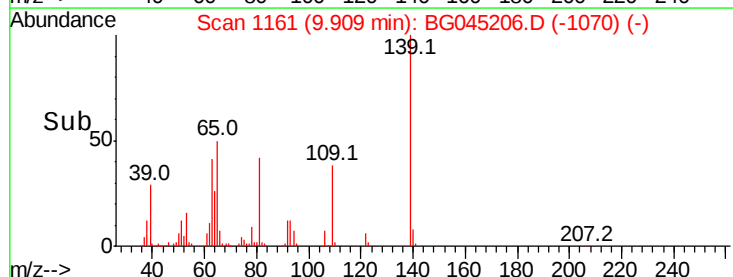
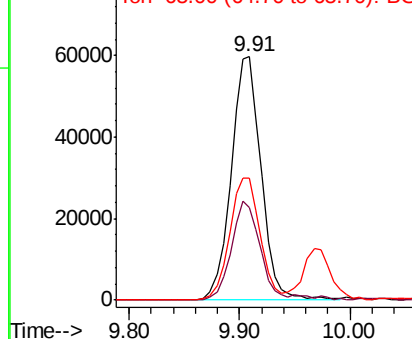
139 100

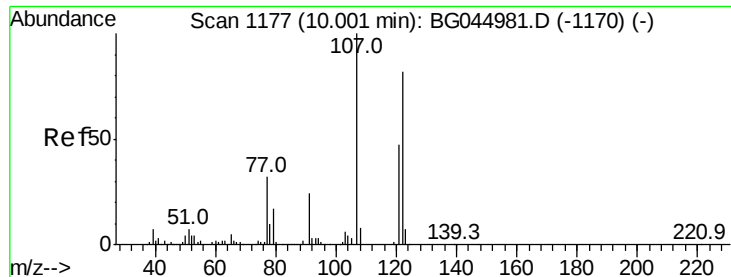
109 38.1 30.6 45.8

65 50.0 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

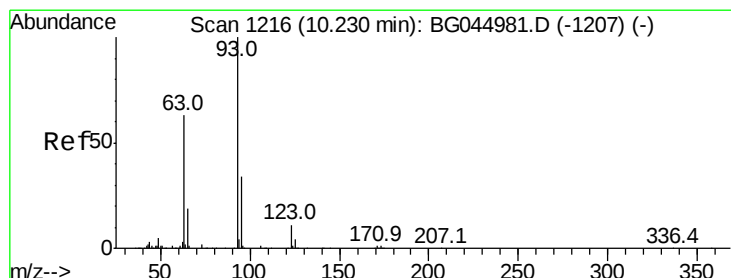
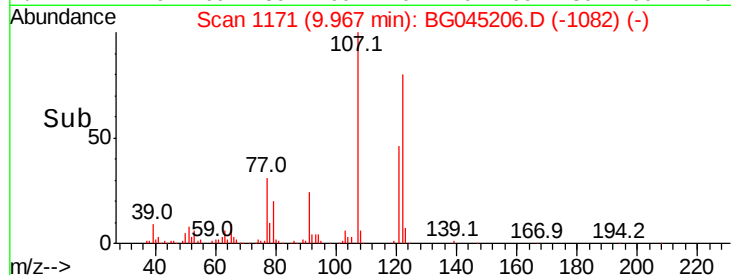
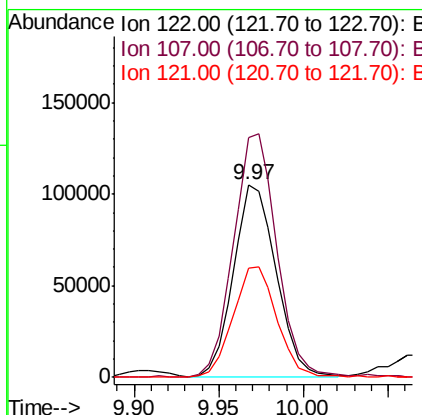
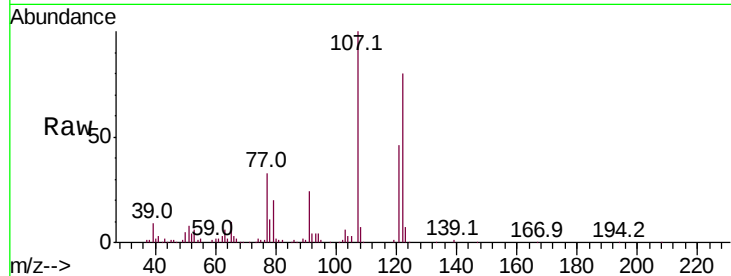




#27
2,4-Dimethylphenol
Concen: 46.469 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

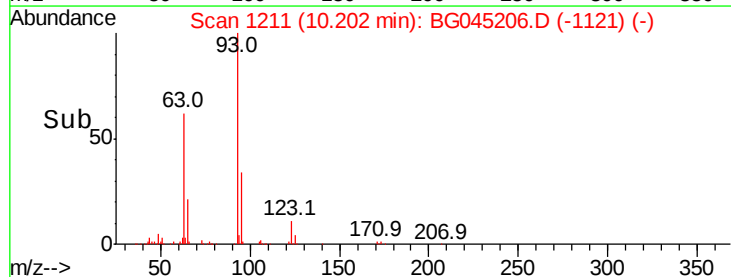
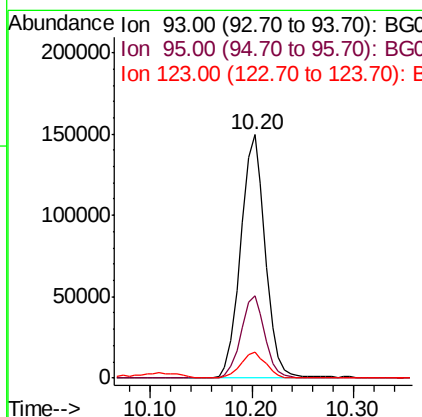
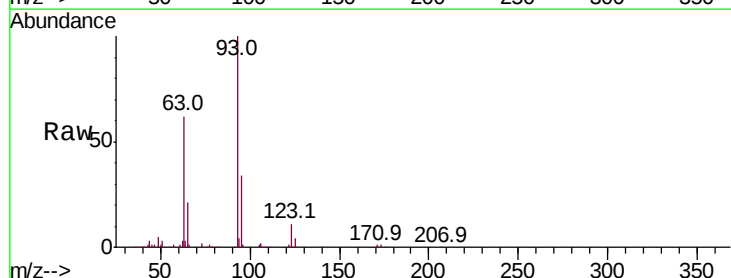
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

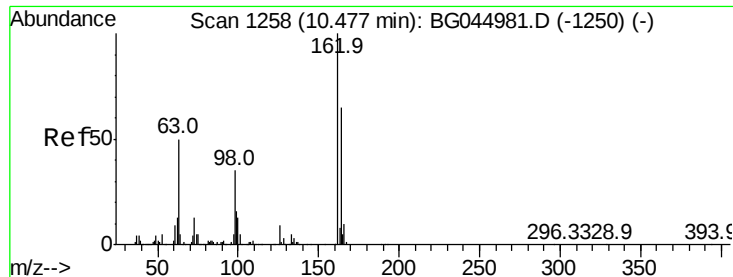
Tot Ion:122 Resp: 182930
Ion Ratio Lower Upper
122 100
107 124.4 96.8 145.2
121 56.8 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.613 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion: 93 Resp: 251589
Ion Ratio Lower Upper
93 100
95 33.7 27.0 40.4
123 10.5 8.7 13.1

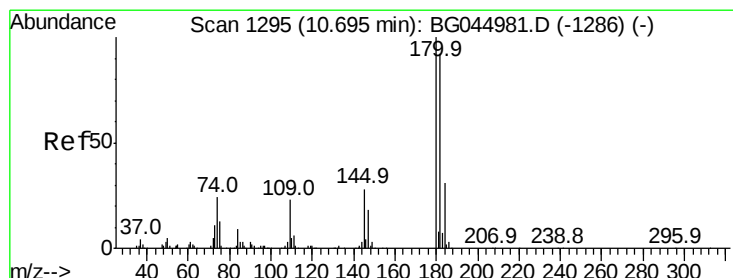
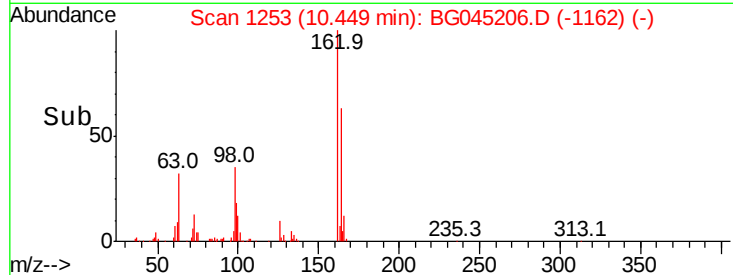
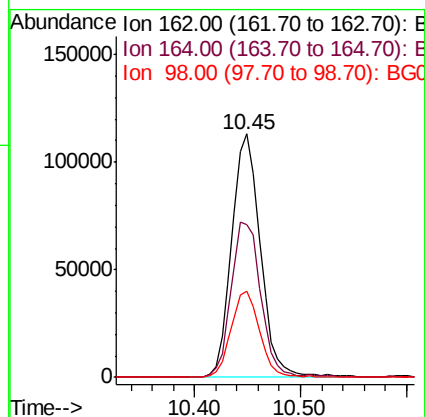
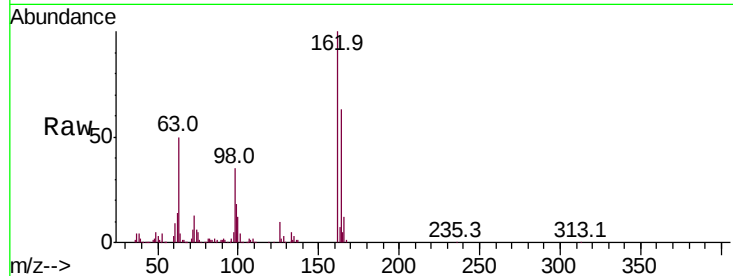




#29
 2,4-Dichlorophenol
 Concen: 46.782 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

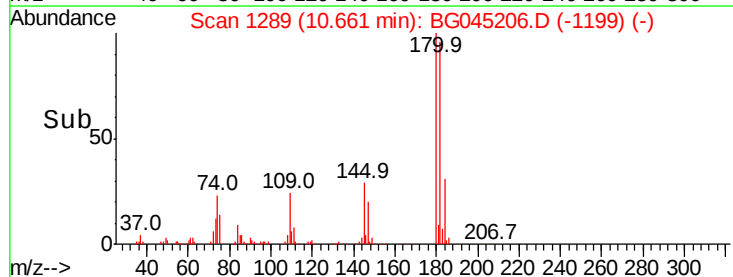
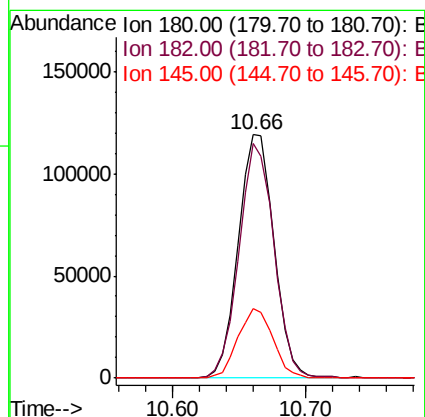
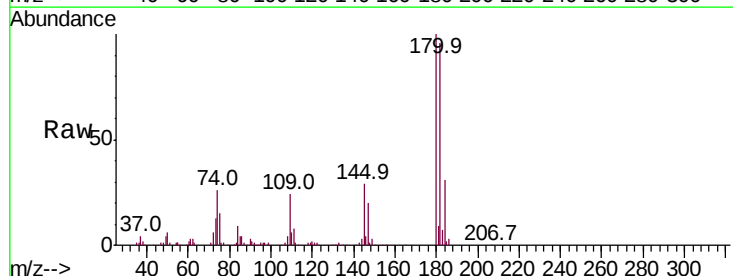
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

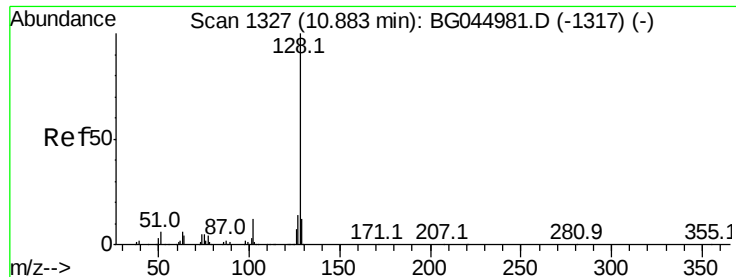
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	45.0	85.0
98	35.3	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.876 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.3	109.9
145	28.8	22.6	33.8

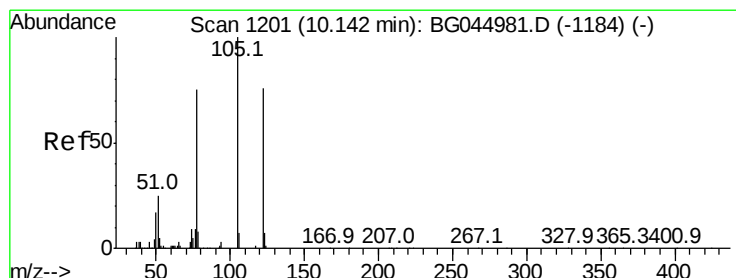
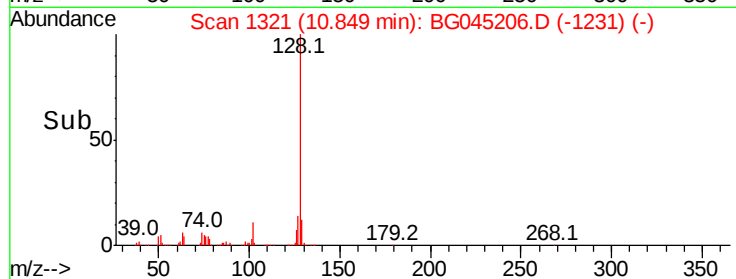
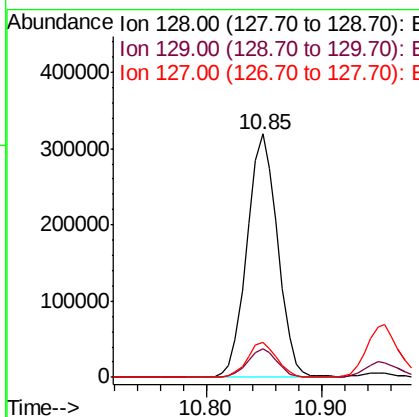
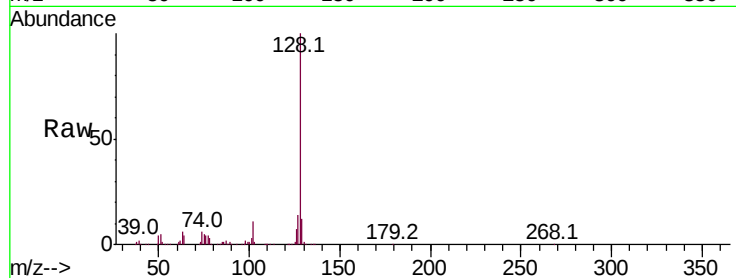




#31
Naphthalene
Concen: 42.074 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

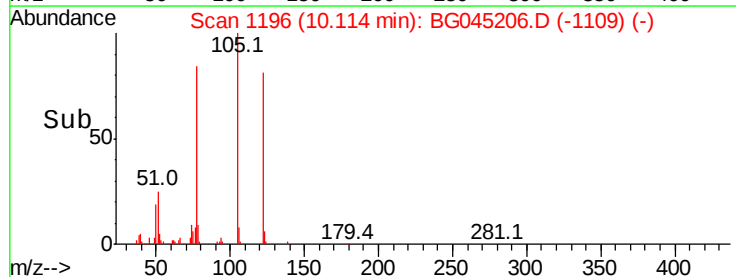
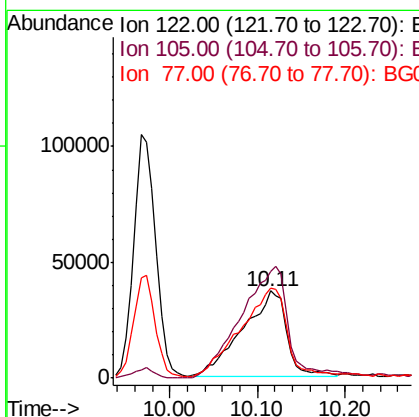
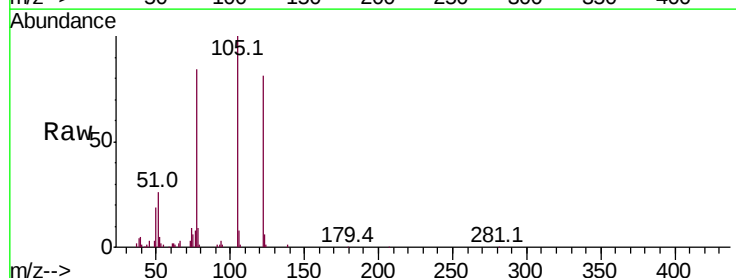
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

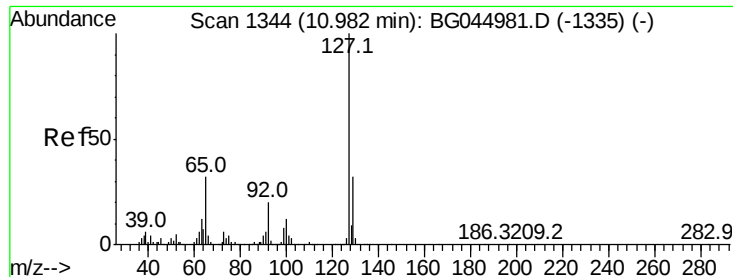
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.4	10.8	16.2



#32
Benzoic acid
Concen: 40.957 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	108.4	148.4
77	103.6	78.8	118.8

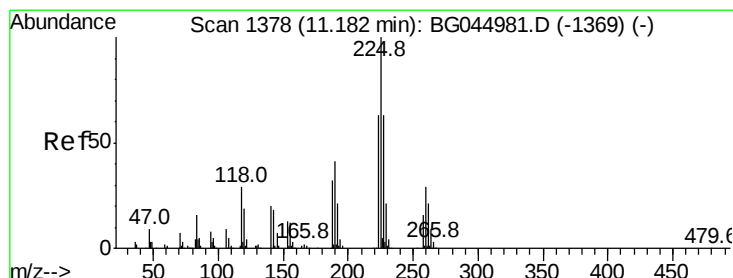
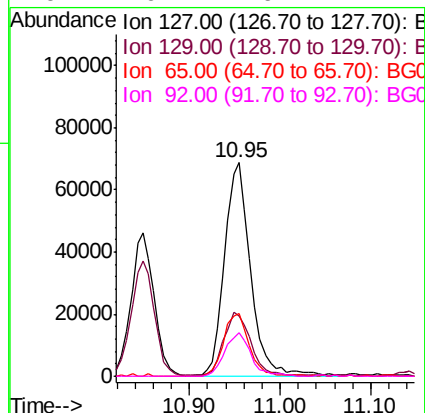
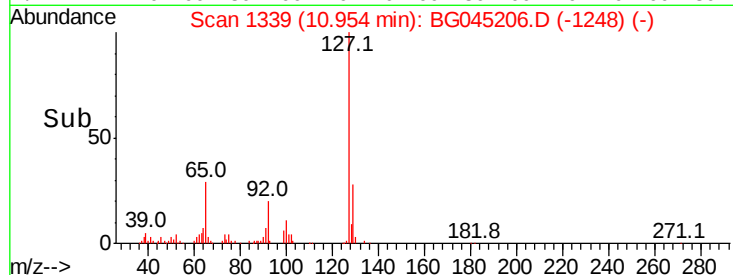
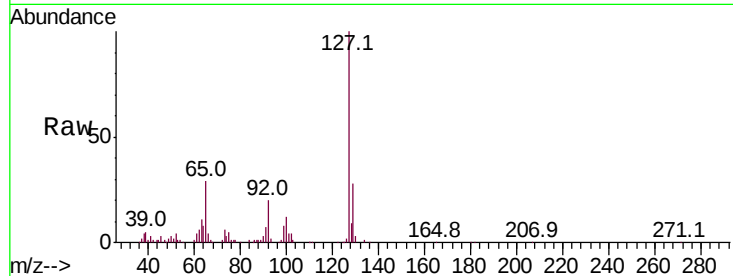




#33
4-Chloroaniline
Concen: 21.129 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

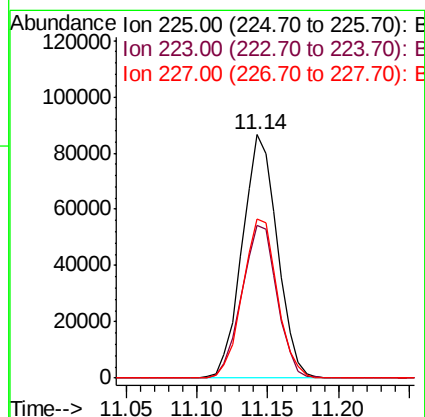
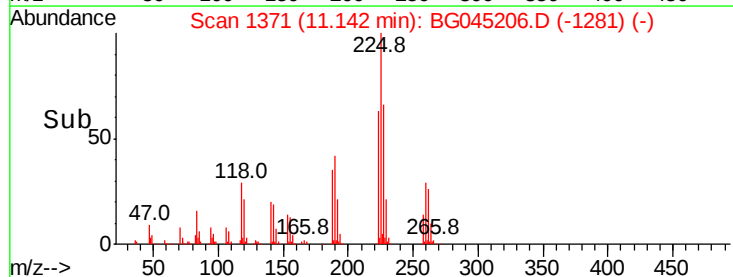
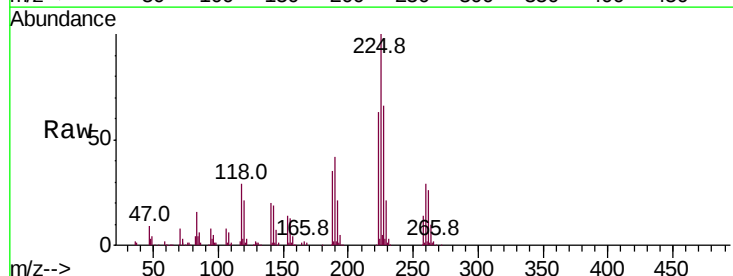
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

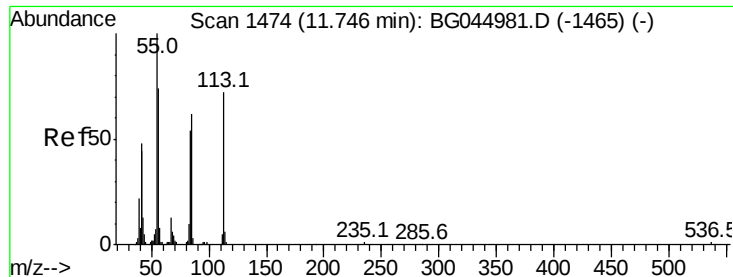
Tot Ion:	127	Resp:	138210
Ion	Ratio	Lower	Upper
127	100		
129	28.4	25.7	38.5
65	29.2	25.4	38.2
92	20.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.543 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion:	225	Resp:	150114
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	65.5	50.2	75.2





#35

Caprolactam

Concen: 27.173 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

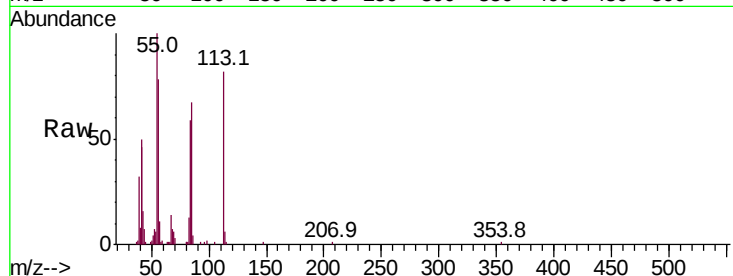
Tot Ion:113 Resp: 49159

Ion Ratio Lower Upper

113 100

55 121.8 118.8 158.8

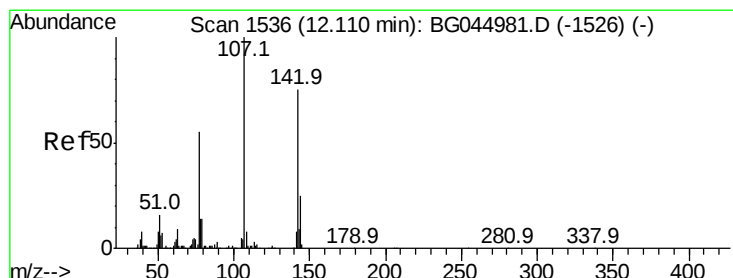
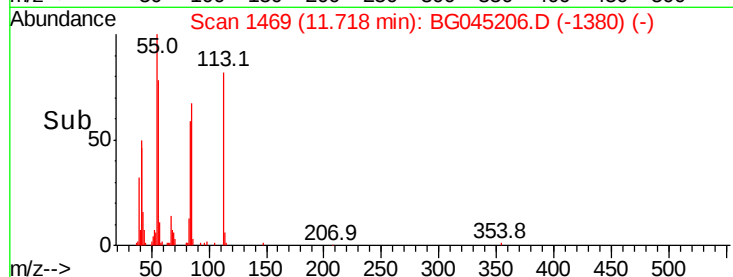
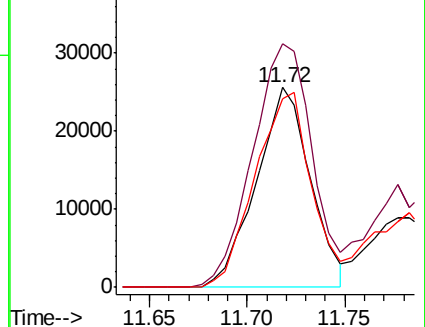
56 94.4 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.758 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

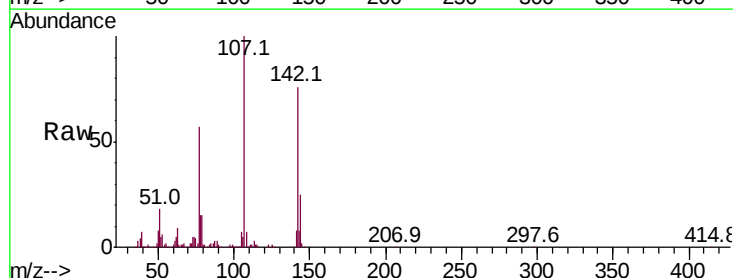
Tgt Ion:107 Resp: 255021

Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

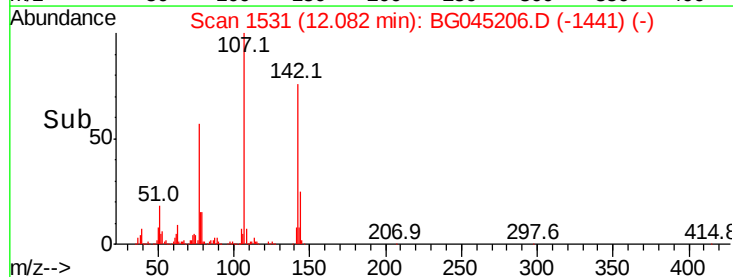
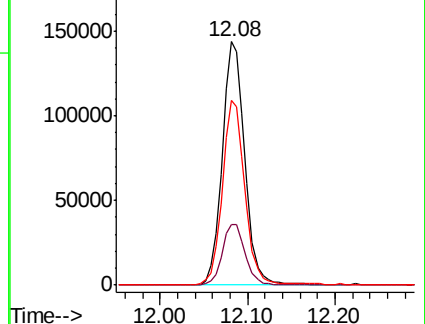
142 75.8 59.7 89.5

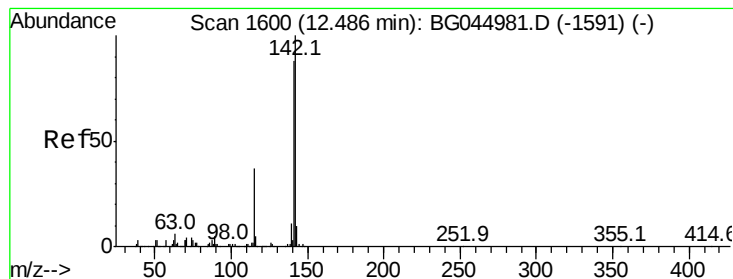


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.153 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

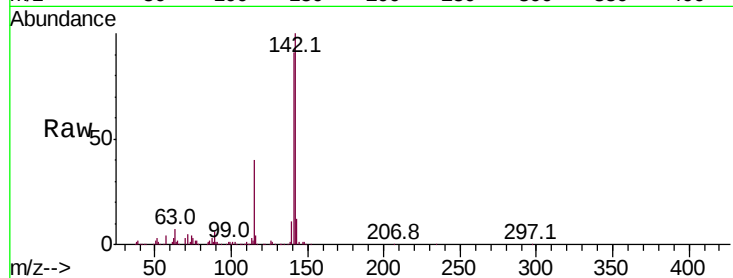
Tot Ion:142 Resp: 469782

Ion Ratio Lower Upper

142 100

141 91.2 70.3 105.5

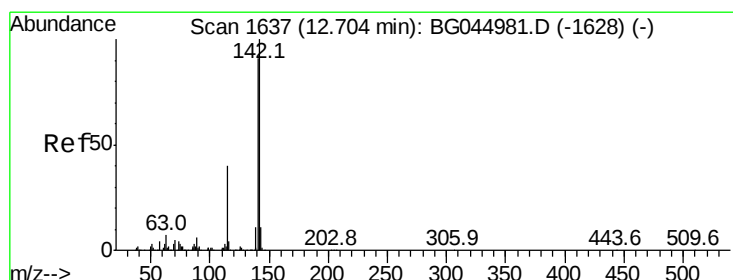
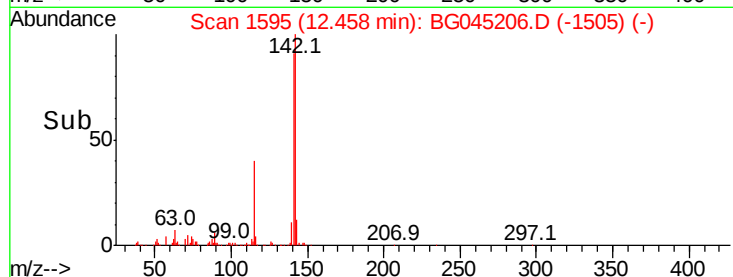
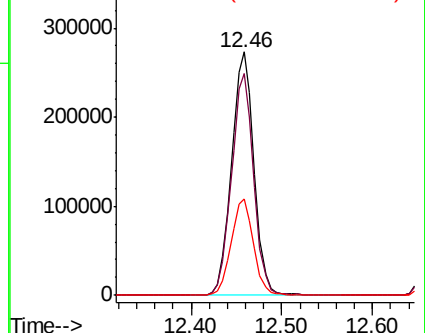
115 39.8 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.059 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

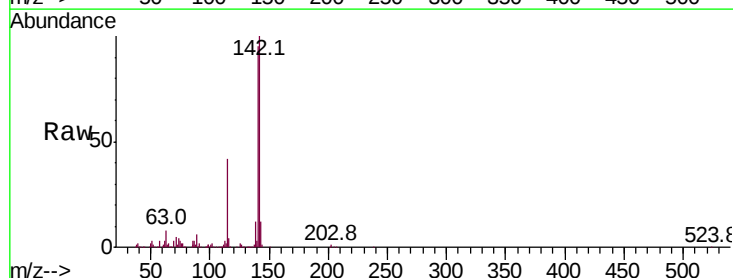
Tgt Ion:142 Resp: 452808

Ion Ratio Lower Upper

142 100

141 95.2 72.7 109.1

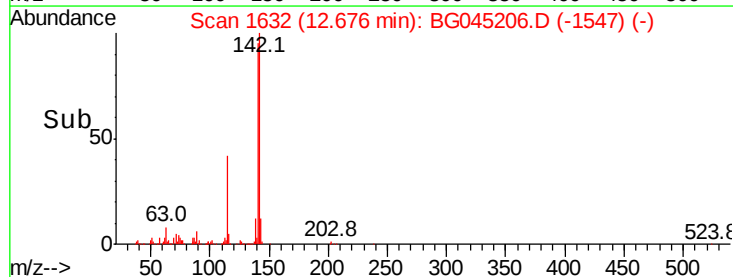
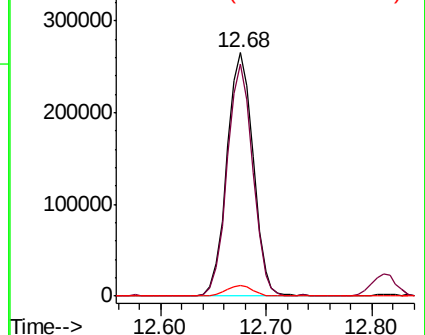
116 4.5 3.1 4.7

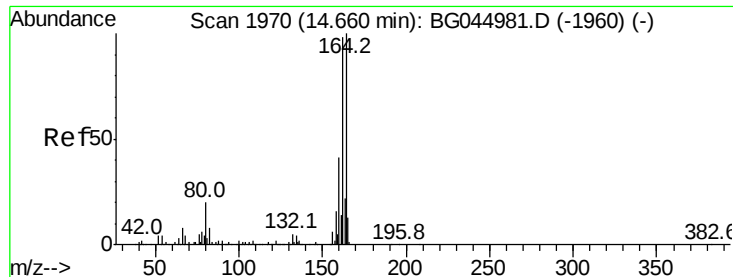


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

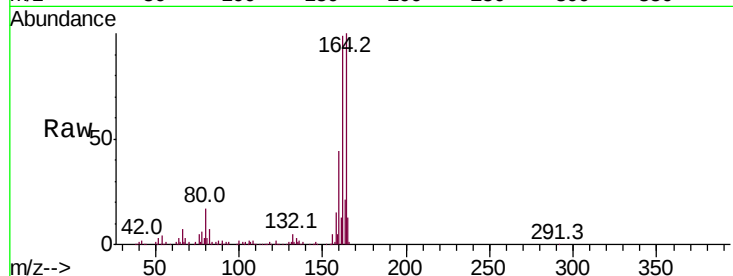
Tot Ion:164 Resp: 201417

Ion Ratio Lower Upper

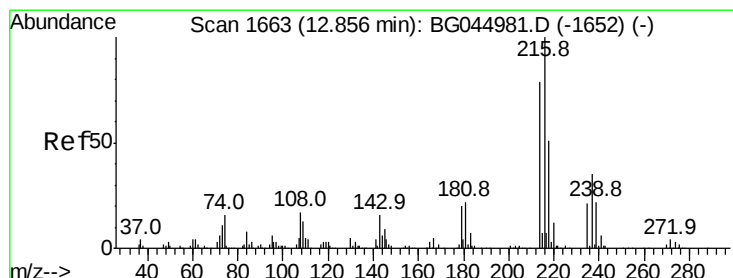
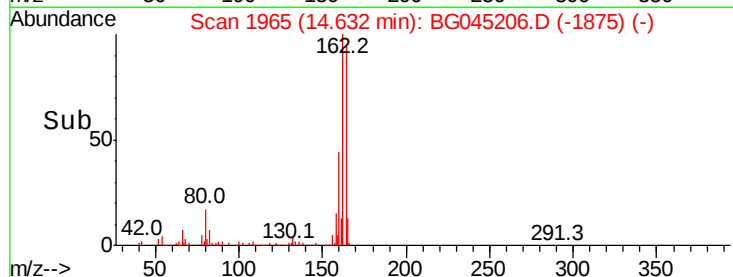
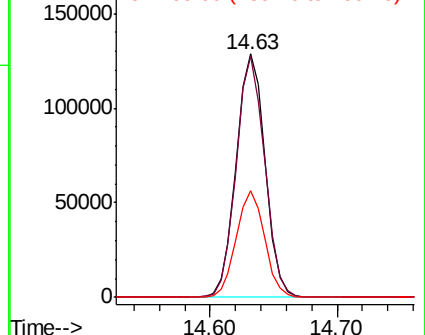
164 100

162 99.1 78.7 118.1

160 43.9 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.408 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:216 Resp: 262053

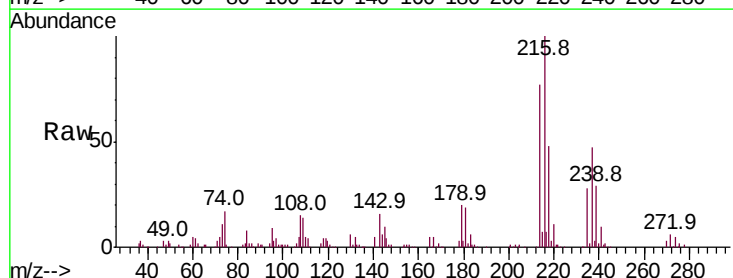
Ion Ratio Lower Upper

216 100

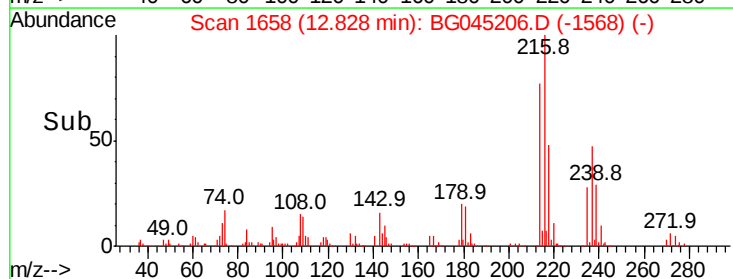
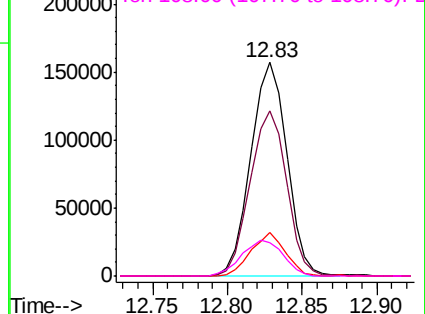
214 78.7 63.0 94.6

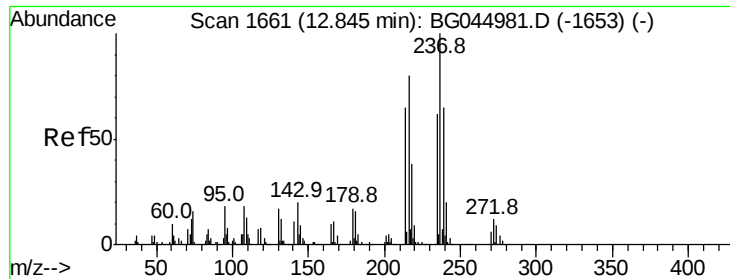
179 19.6 15.8 23.8

108 19.5 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

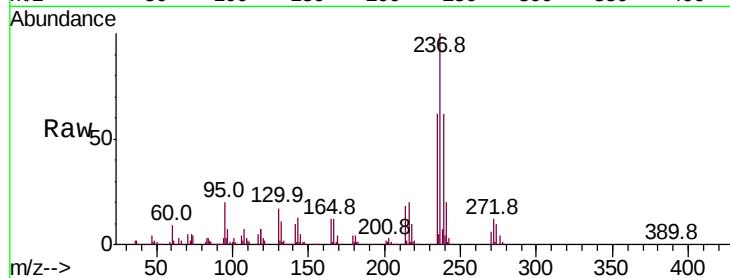




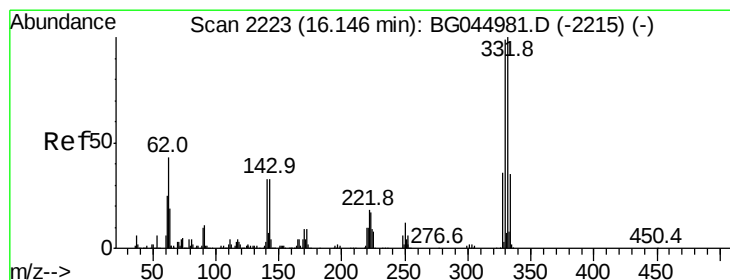
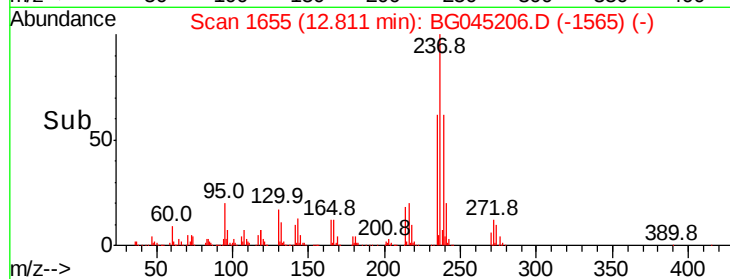
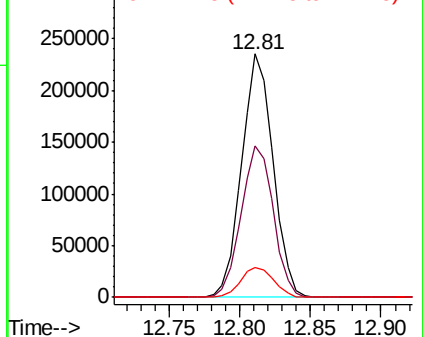
#41
Hexachlorocyclopentadiene
Concen: 90.271 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.6	81.6
272	12.0	0.0	32.1

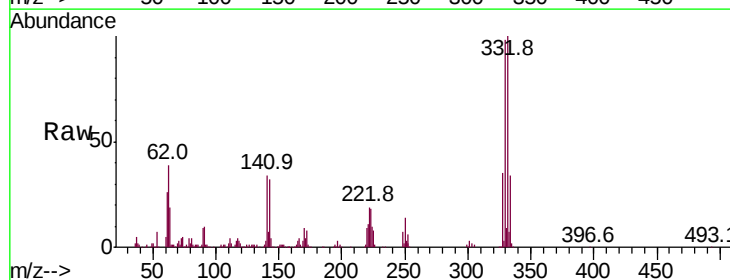


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

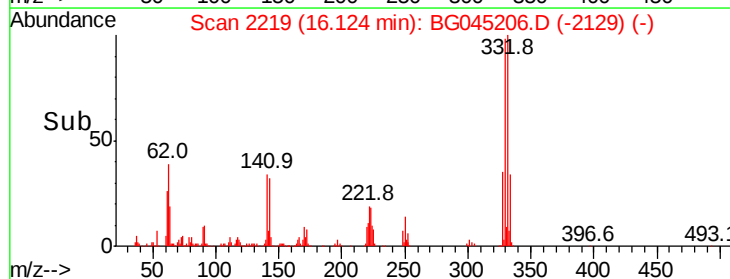
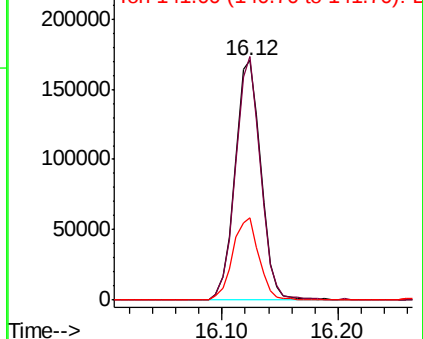


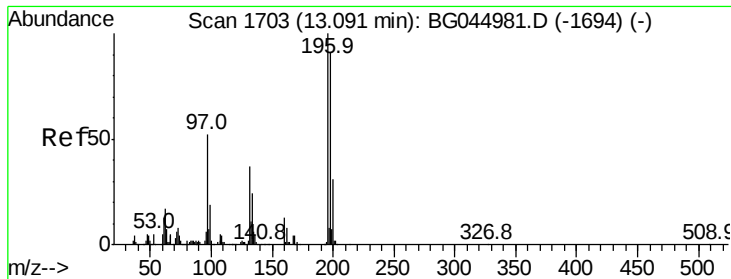
#42
2,4,6-Tribromophenol
Concen: 84.830 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	35.1	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

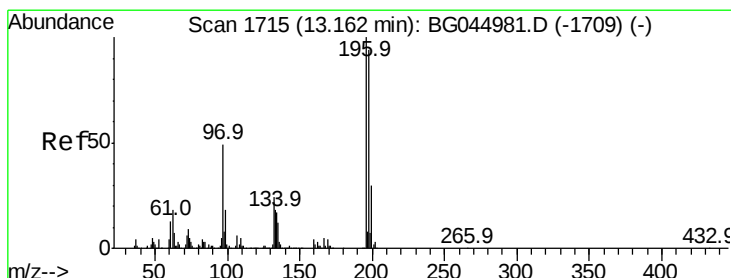
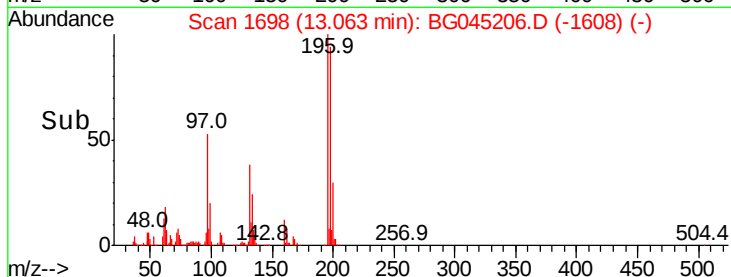
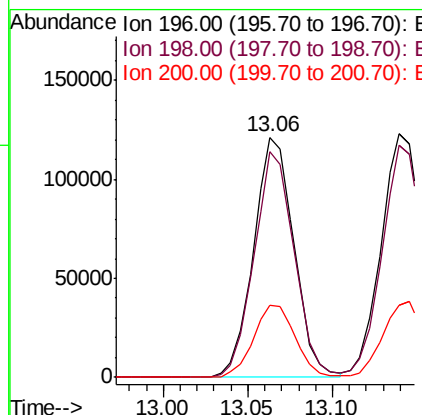
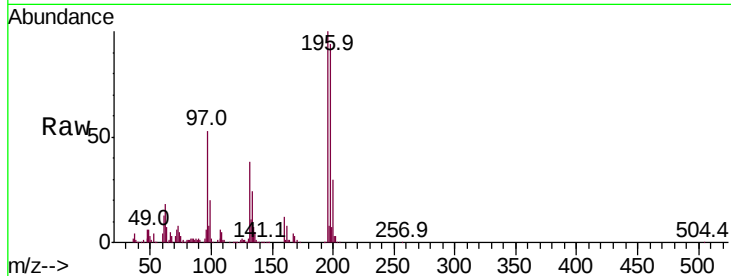




#43
 2,4,6-Trichlorophenol
 Concen: 43.966 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

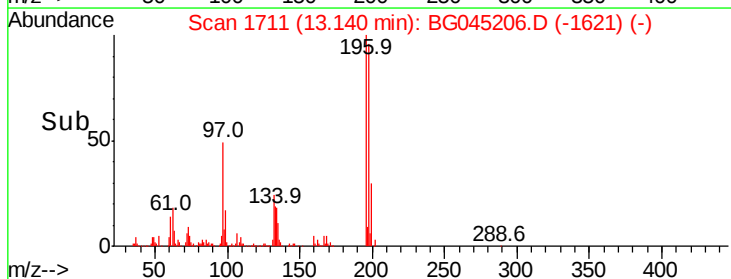
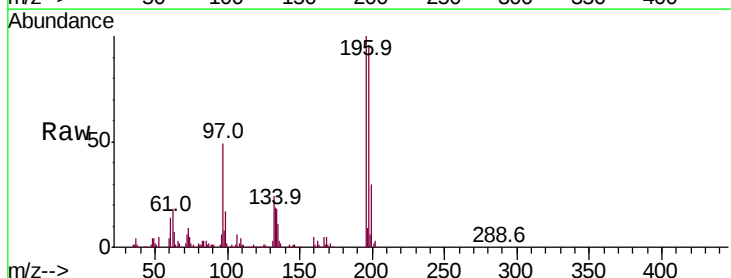
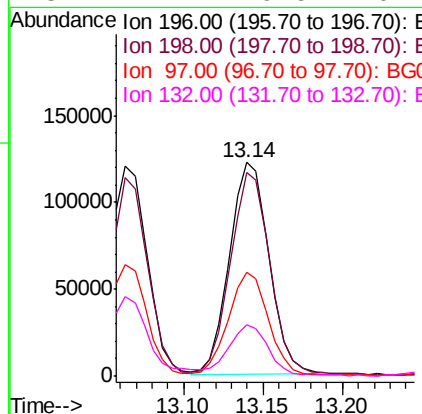
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

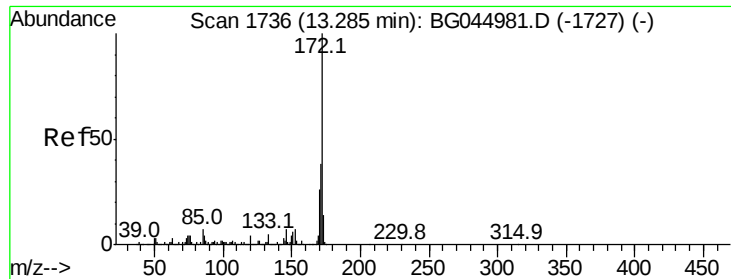
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	72.5	108.7
200	30.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 40.741 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	48.8	39.6	59.4
132	24.2	19.6	29.4

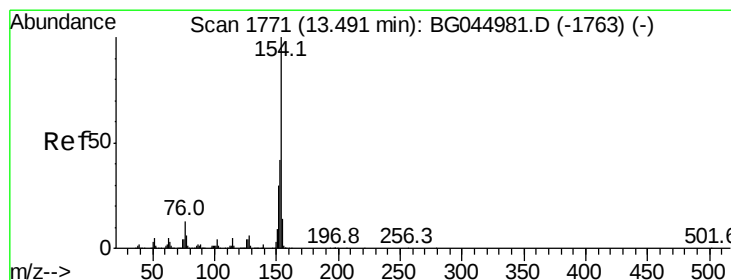
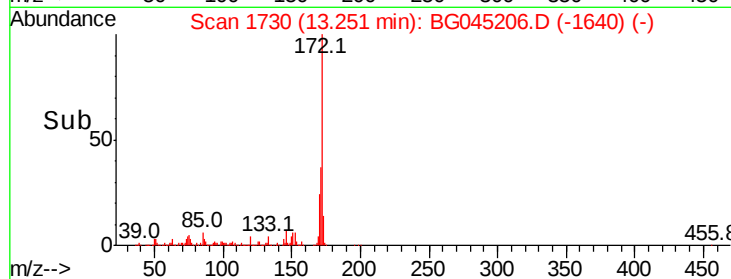
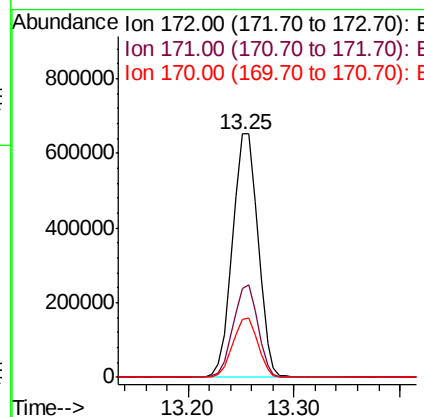
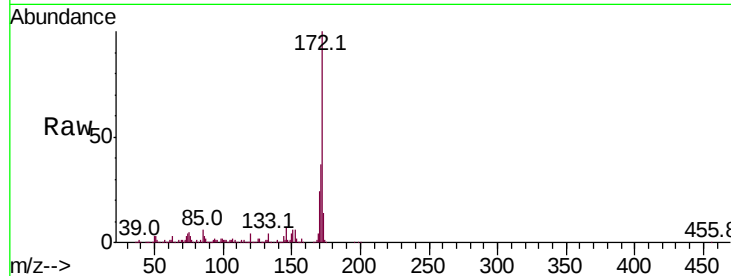




#45
2-Fluorobiphenyl
Concen: 79.152 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

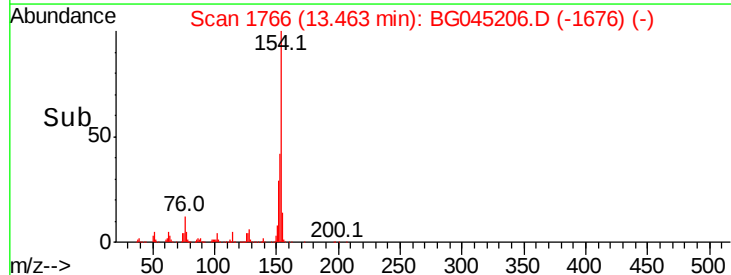
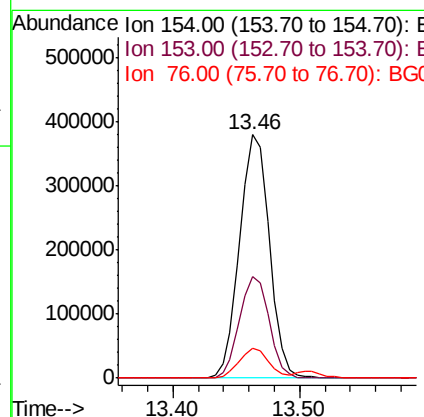
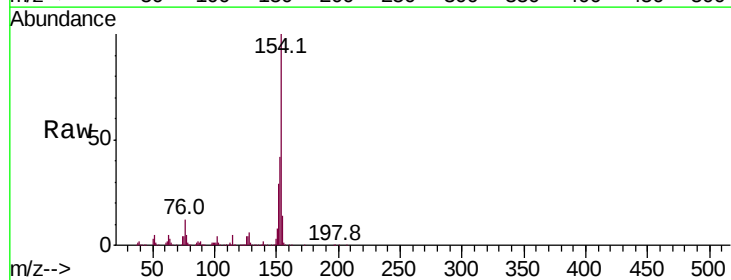
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

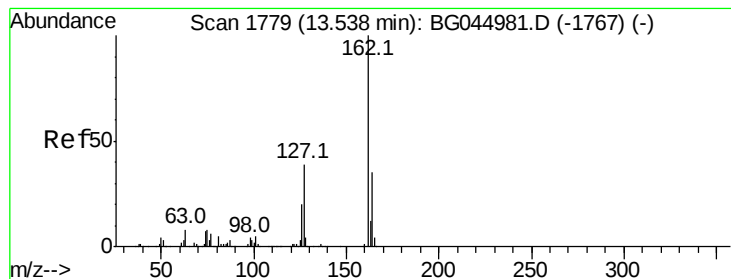
Tot Ion:172 Resp: 1087244
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 24.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.368 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion:154 Resp: 618001
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 40.908 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

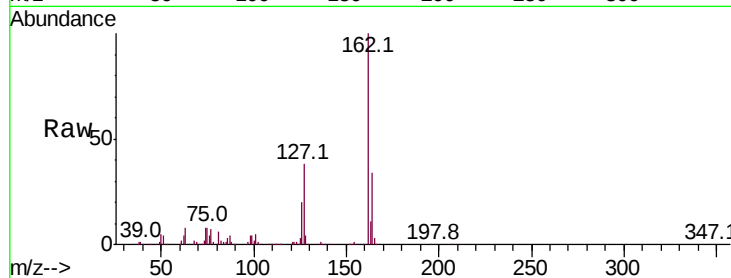
Tot Ion:162 Resp: 478526

Ion Ratio Lower Upper

162 100

127 37.6 31.3 46.9

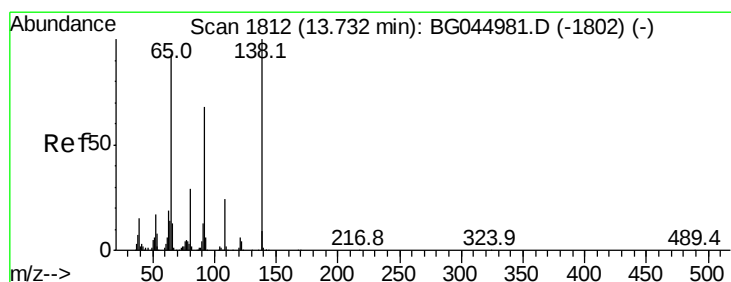
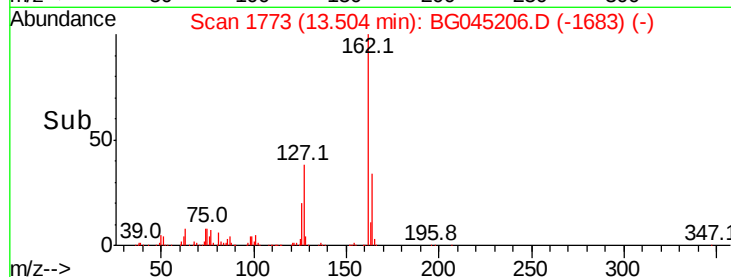
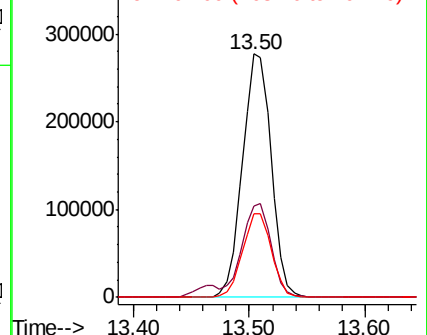
164 34.5 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.509 ng

RT: 13.70 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

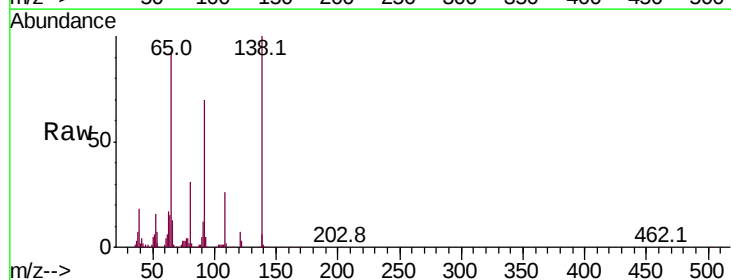
Tgt Ion: 65 Resp: 159759

Ion Ratio Lower Upper

65 100

92 76.2 58.3 87.5

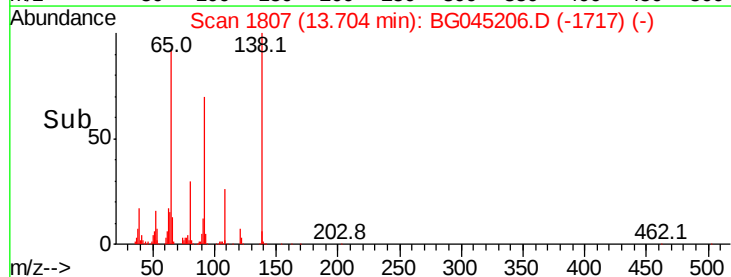
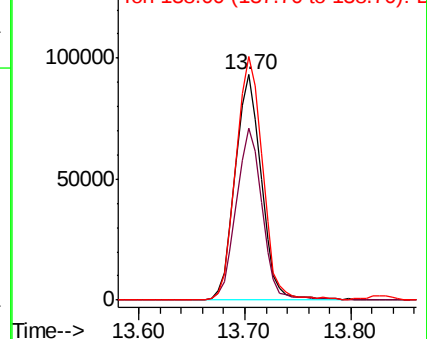
138 108.1 85.6 128.4

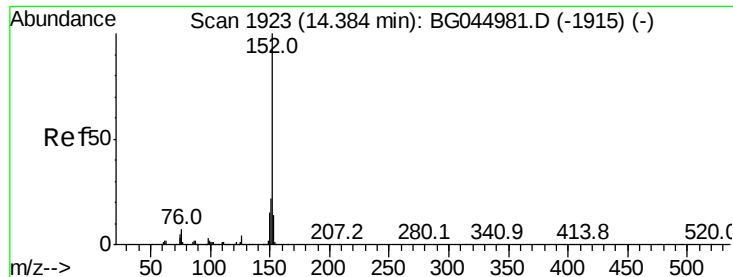


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.269 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

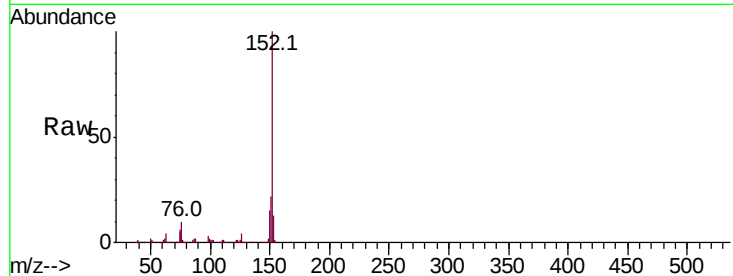
Tot Ion:152 Resp: 805387

Ion Ratio Lower Upper

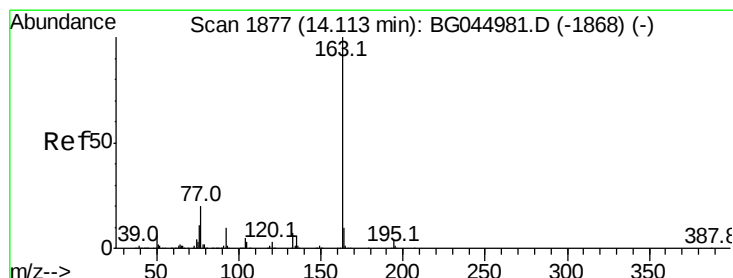
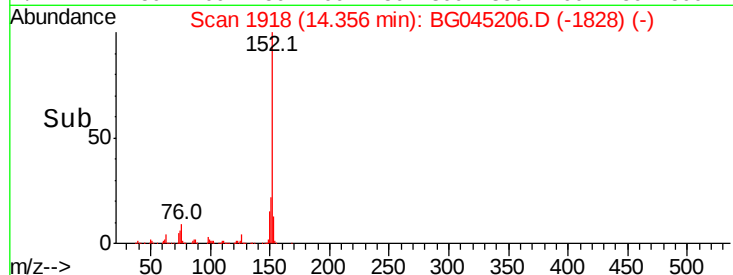
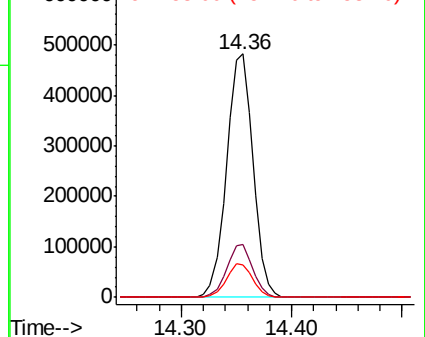
152 100

151 21.6 17.2 25.8

153 13.2 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: 41.594 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

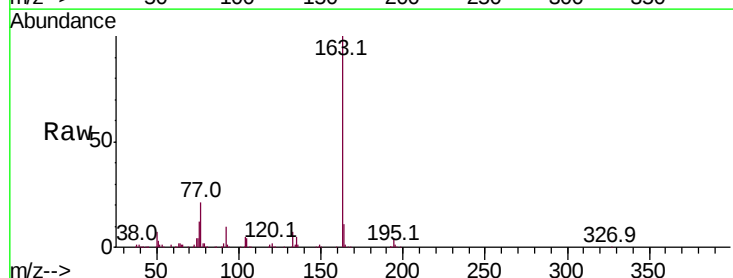
Tgt Ion:163 Resp: 682155

Ion Ratio Lower Upper

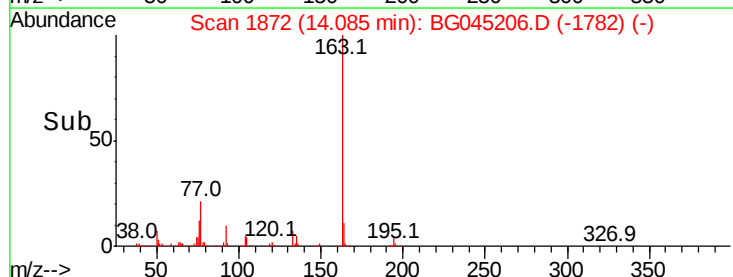
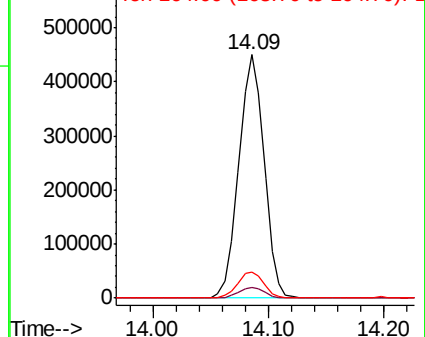
163 100

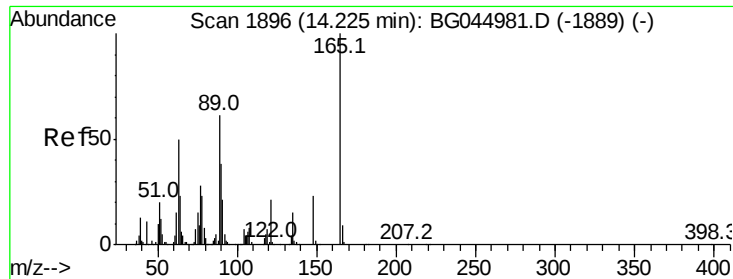
194 4.2 3.5 5.3

164 10.7 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

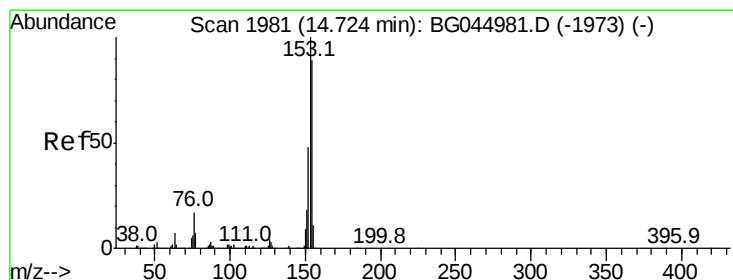
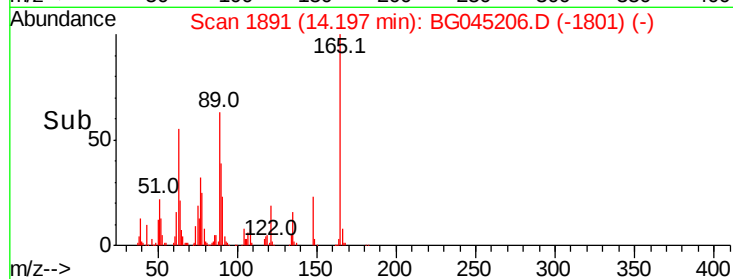
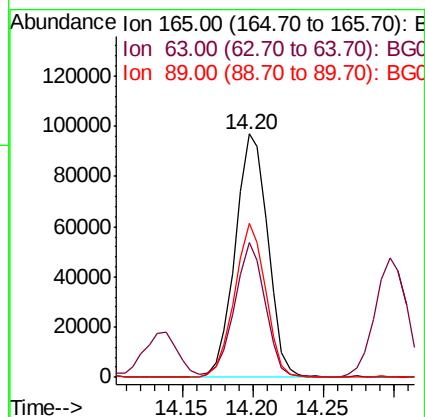
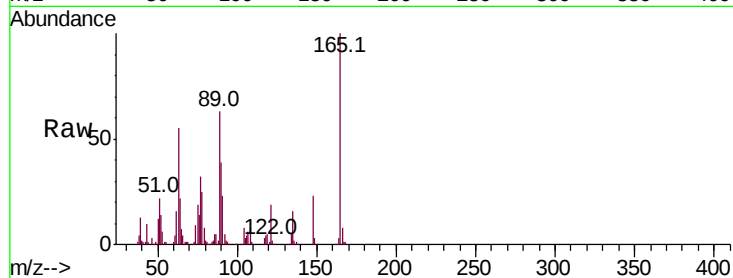




#51
2,6-Dinitrotoluene
Concen: 42.624 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

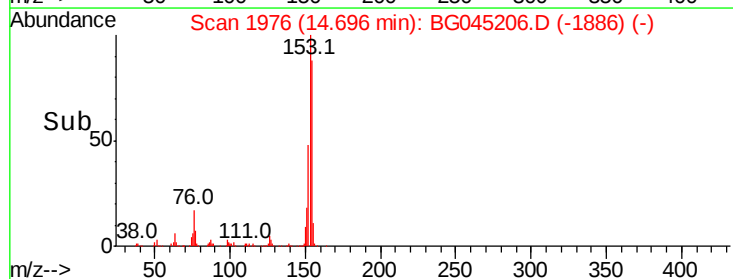
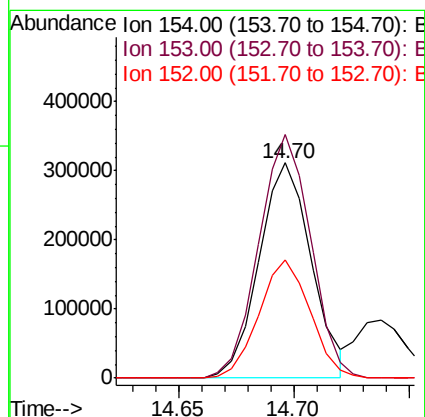
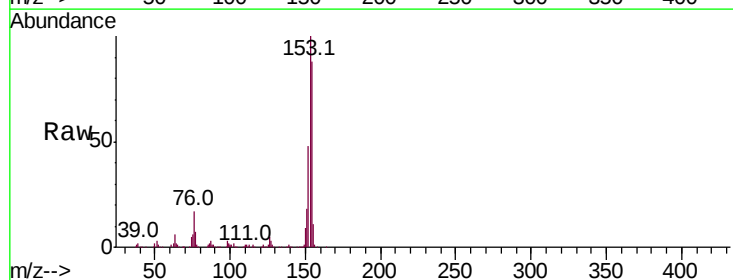
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

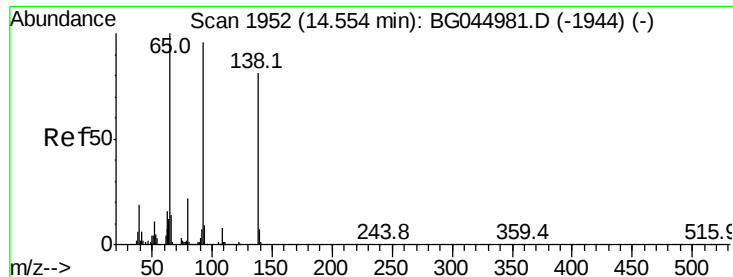
Tot Ion:165 Resp: 156356
Ion Ratio Lower Upper
165 100
63 55.4 40.4 60.6
89 63.4 49.1 73.7



#52
Acenaphthene
Concen: 37.905 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion:154 Resp: 488668
Ion Ratio Lower Upper
154 100
153 113.3 89.7 134.5
152 54.9 43.1 64.7





#53

3-Nitroaniline

Concen: 27.363 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

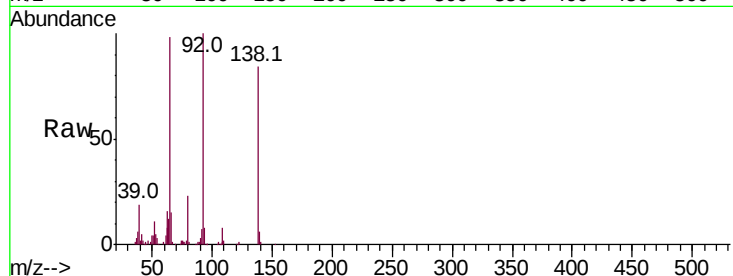
Tot Ion:138 Resp: 110086

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

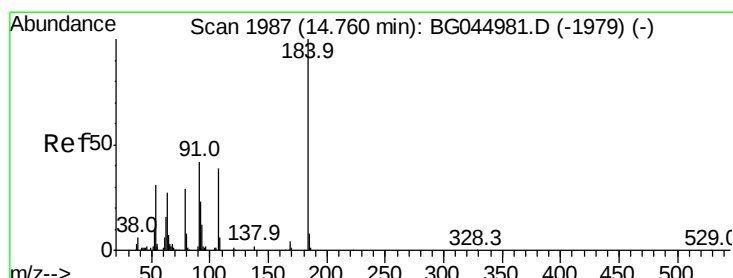
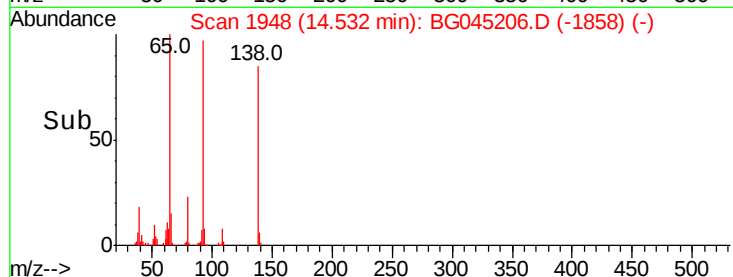
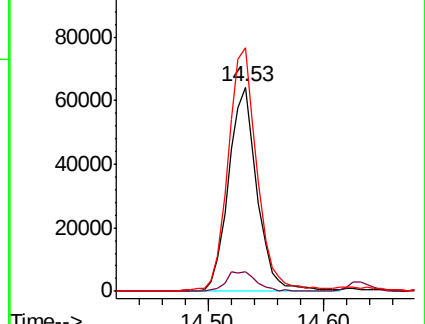
92 119.2 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 95.489 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

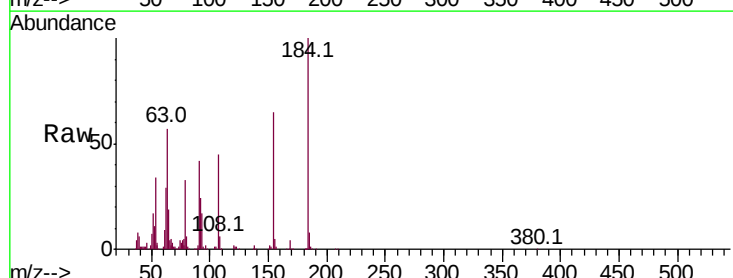
Tgt Ion:184 Resp: 208288

Ion Ratio Lower Upper

184 100

63 57.4 41.5 62.3

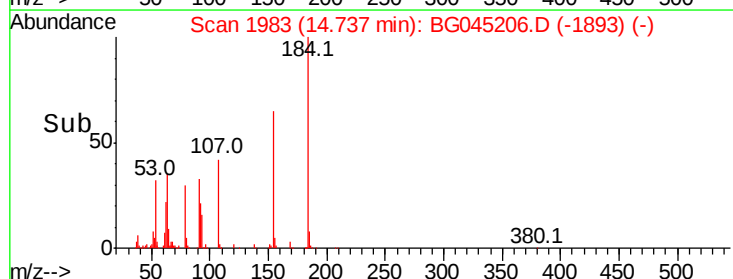
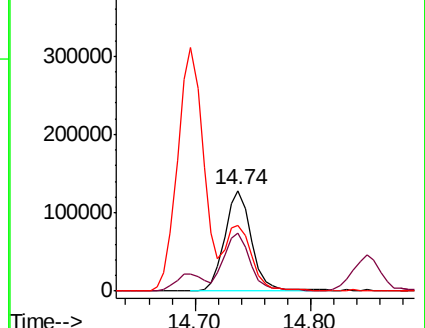
154 65.3 52.3 78.5

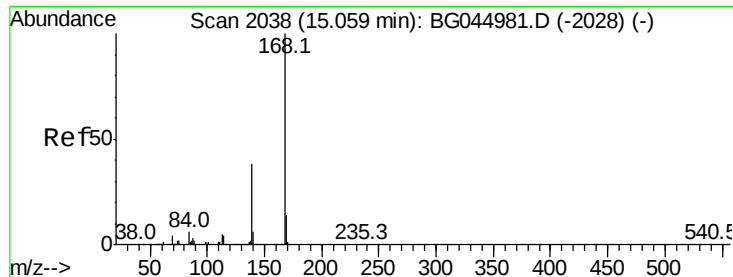


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

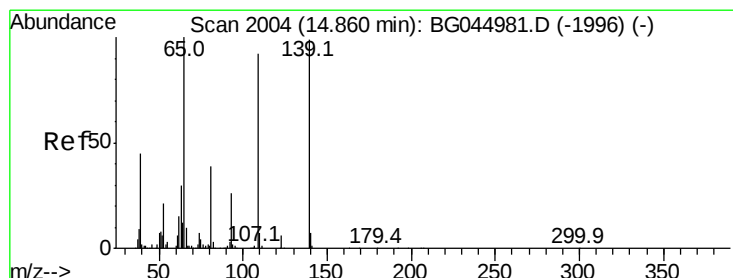
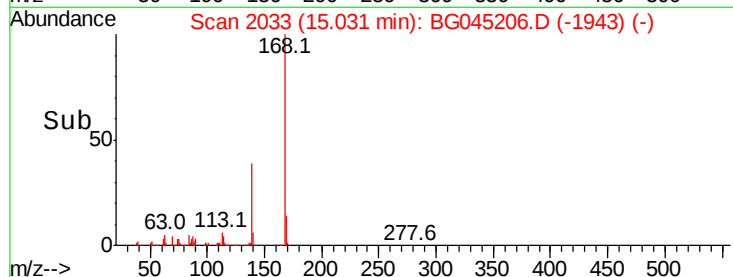
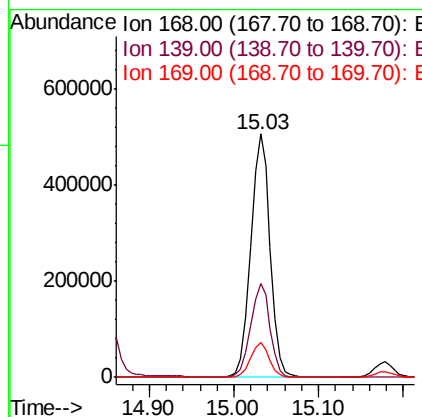
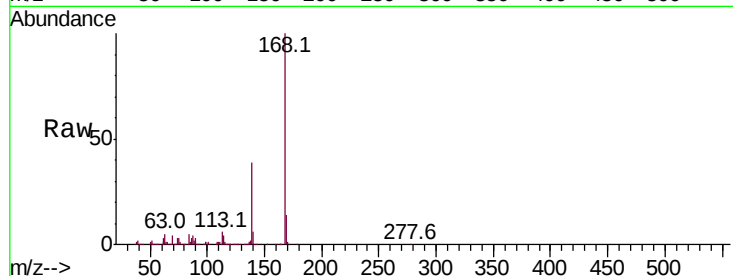




#55
Dibenzenofuran
Concen: 42.730 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

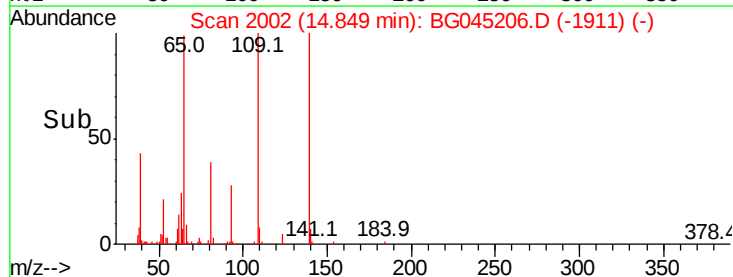
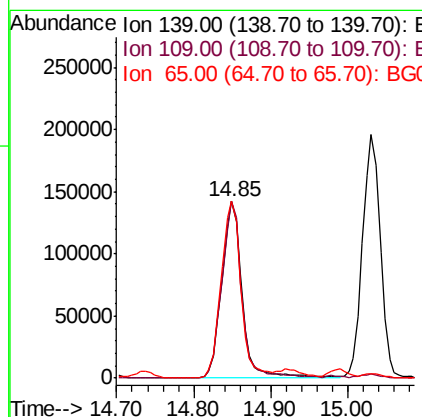
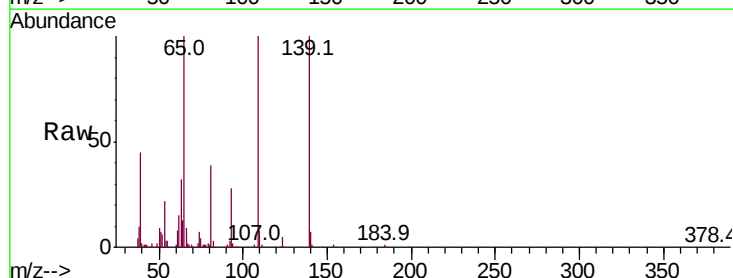
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

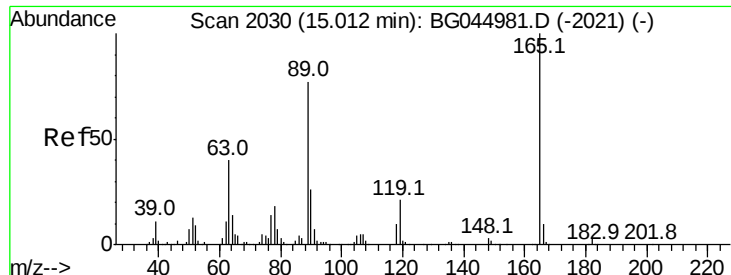
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.4	45.6
169	14.5	11.0	16.4



#56
4-Nitrophenol
Concen: 83.759 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	73.6	113.6
65	100.1	81.2	121.2

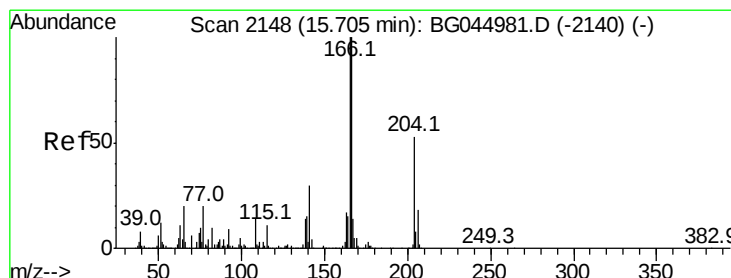
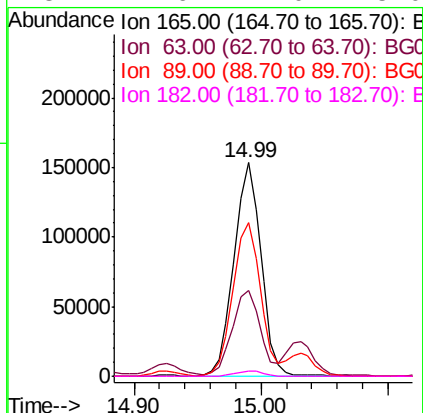
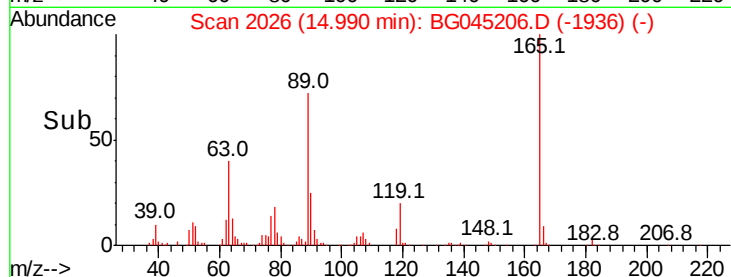
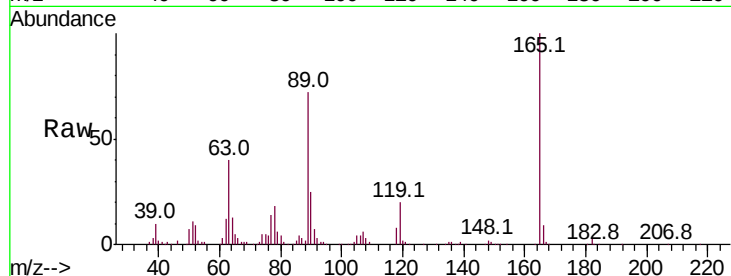




#57
2,4-Dinitrotoluene
Concen: 42.018 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

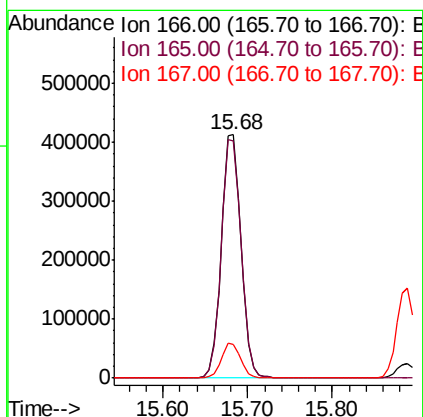
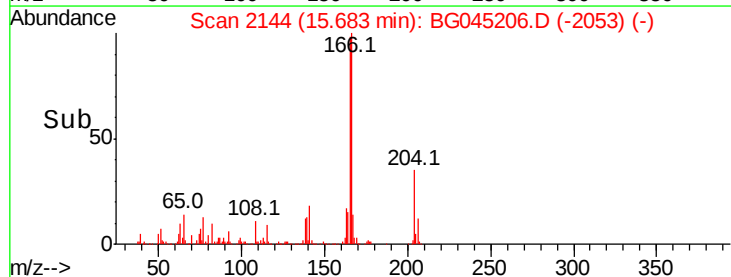
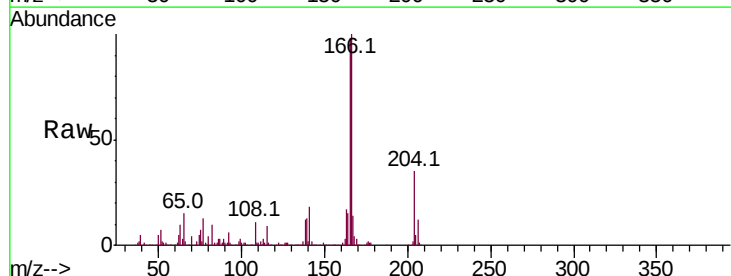
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

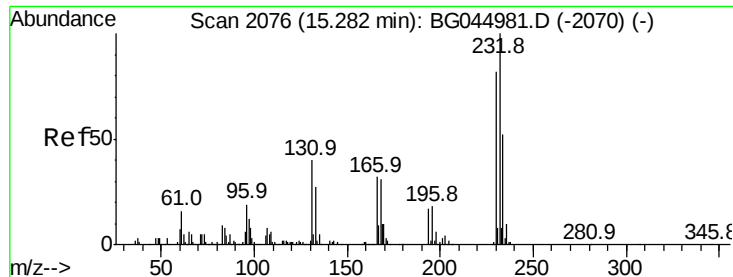
Tot Ion:165 Resp: 225250
Ion Ratio Lower Upper
165 100
63 40.0 32.2 48.2
89 71.9 61.7 92.5
182 2.6 2.0 3.0



#58
Fluorene
Concen: 43.494 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion:166 Resp: 667729
Ion Ratio Lower Upper
166 100
165 97.6 79.9 119.9
167 13.7 11.4 17.0

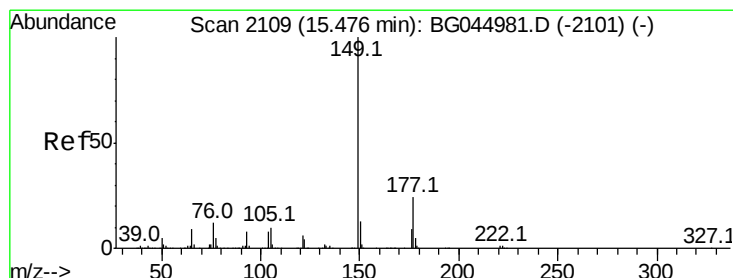
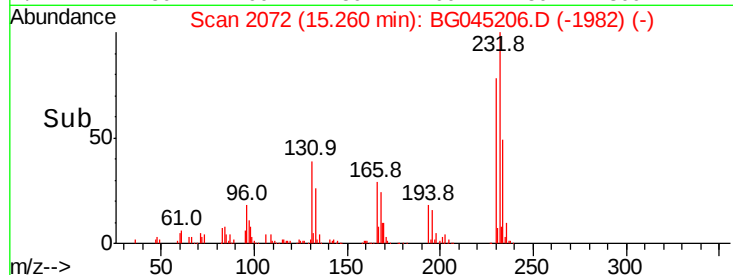
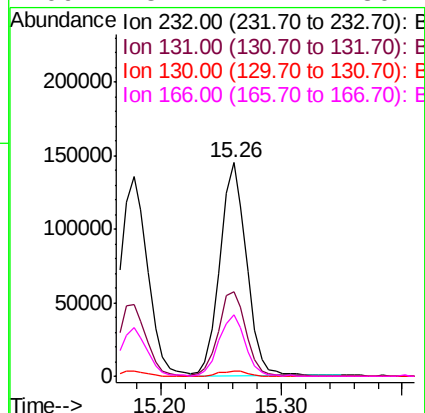
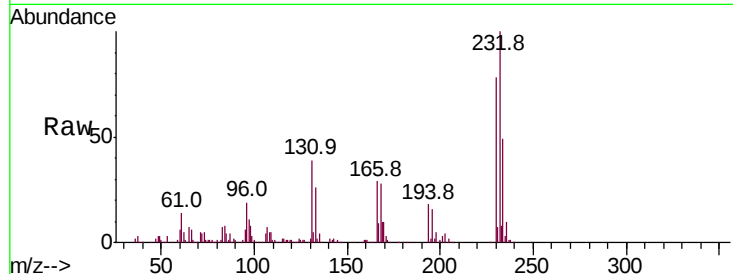




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.441 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

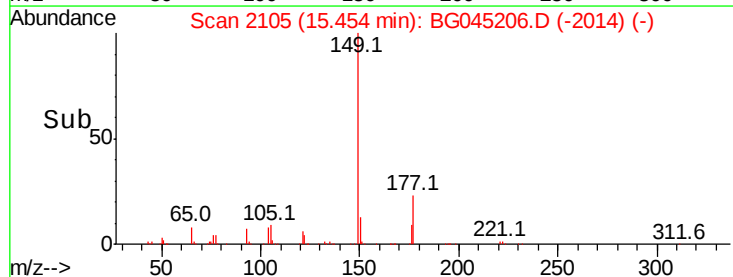
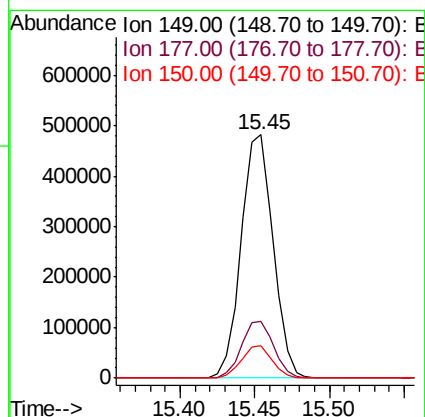
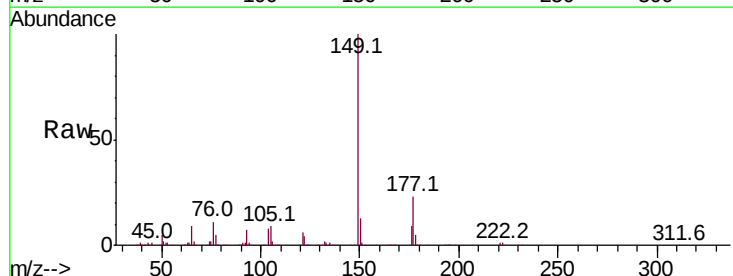
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

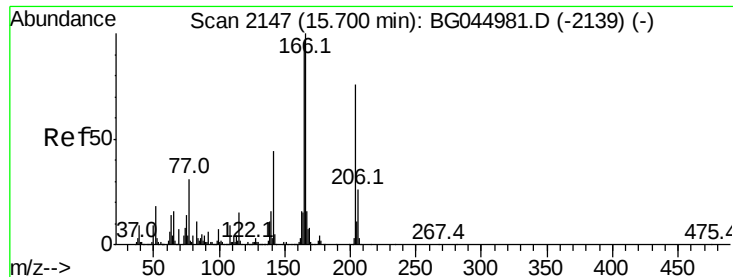
Tot Ion:	232	Resp:	219914
Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.2	48.2
130	2.5	2.2	3.2
166	28.4	24.2	36.4



#60
 Diethylphthalate
 Concen: 41.861 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion:	149	Resp:	715787
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.9	28.3
150	13.1	10.6	15.8

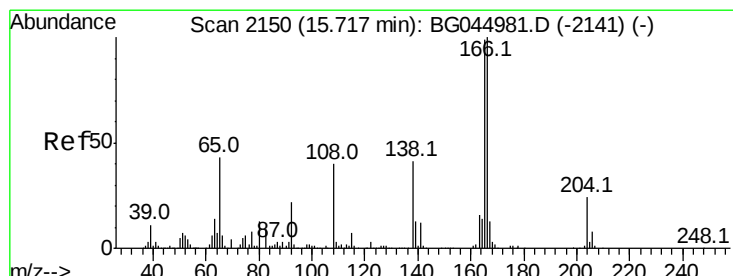
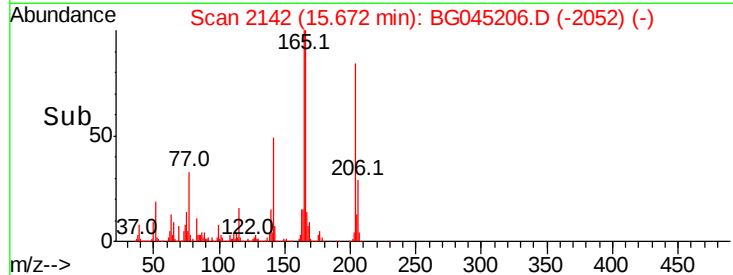
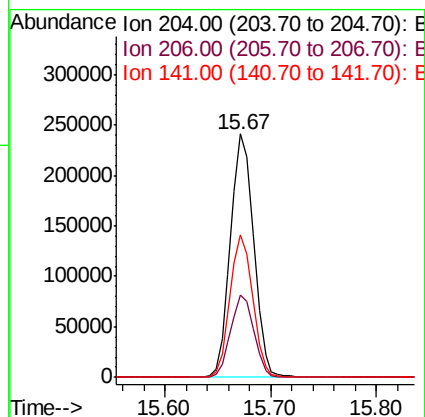
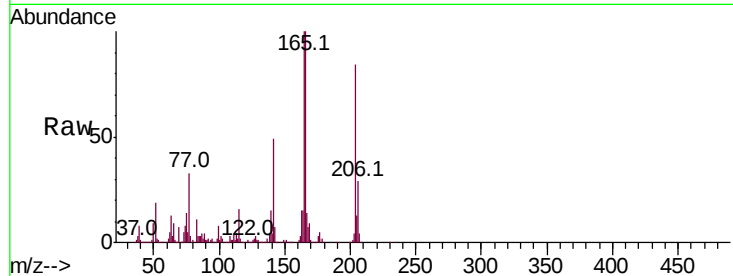




#61
4-Chlorophenyl-phenylether
Concen: 41.550 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

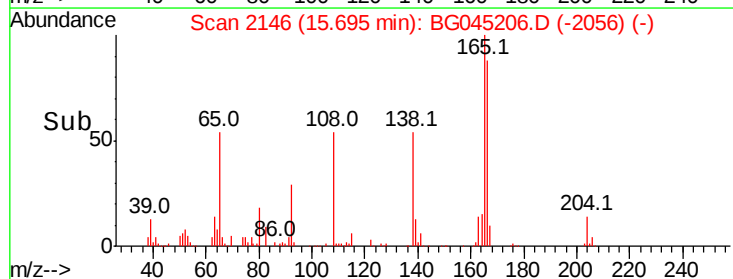
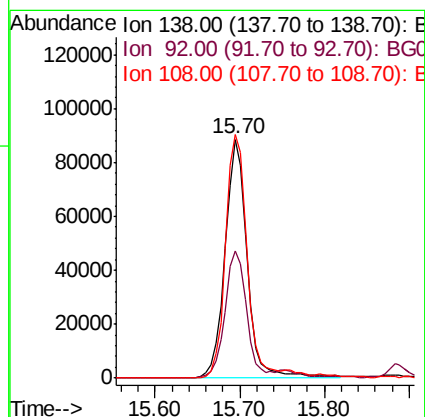
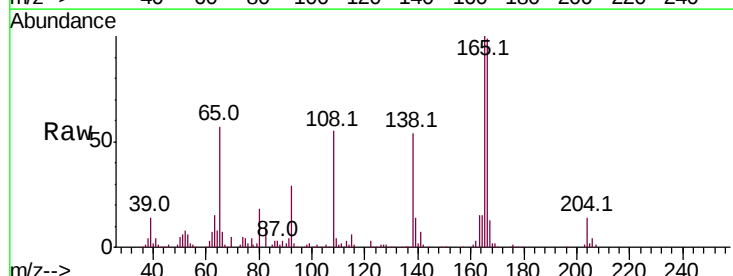
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

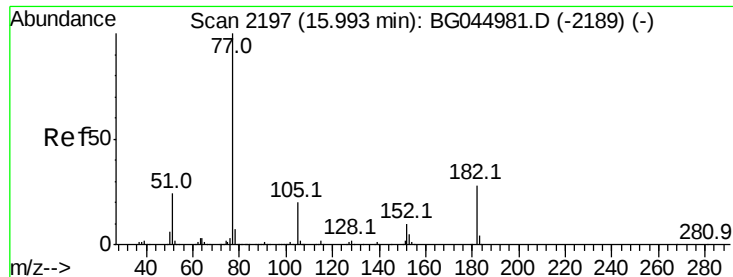
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.9	40.3
141	58.5	46.3	69.5



#62
4-Nitroaniline
Concen: 38.449 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	33.6	73.6
108	101.9	78.2	118.2





#63

Azobenzene

Concen: 43.126 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion: 77 Resp: 679863

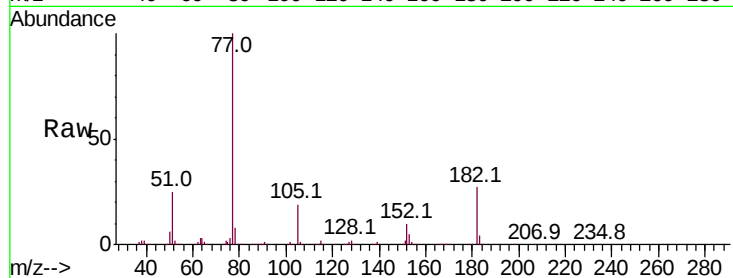
Ion Ratio Lower Upper

77 100

182 27.2 8.4 48.4

105 19.0 0.5 40.5

51 24.8 4.4 44.4

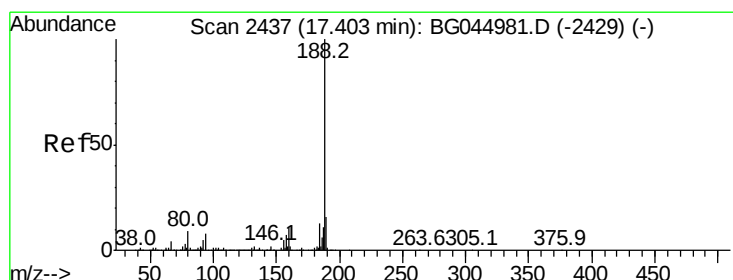
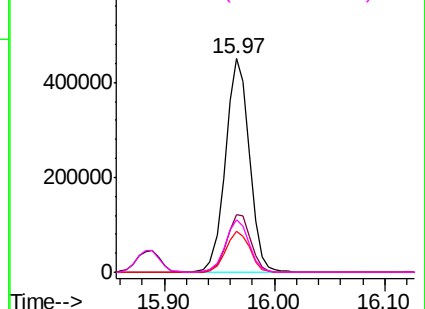
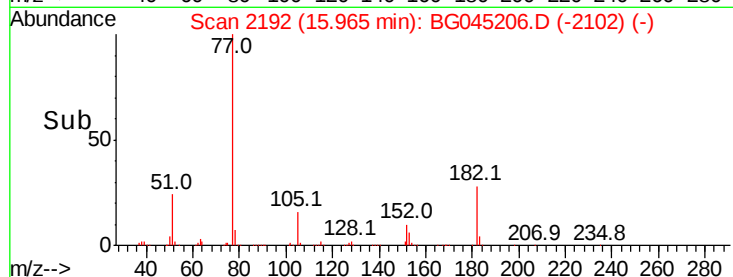


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045206.D

Acq: 29 Apr 2020 15:39

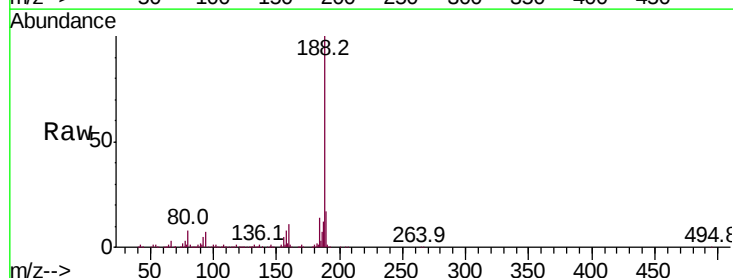
Tgt Ion: 188 Resp: 488235

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

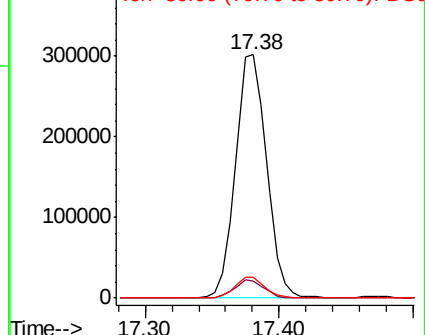
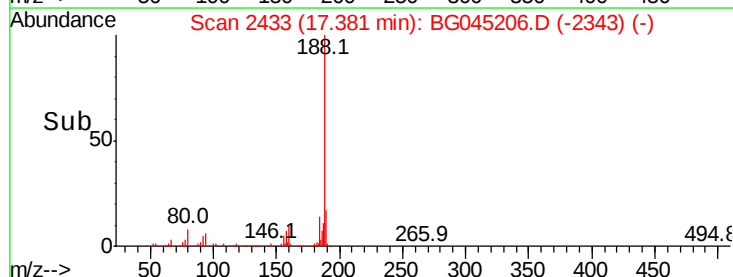
80 8.4 7.0 10.6

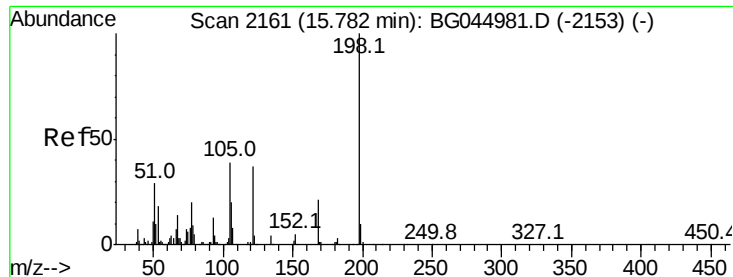


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

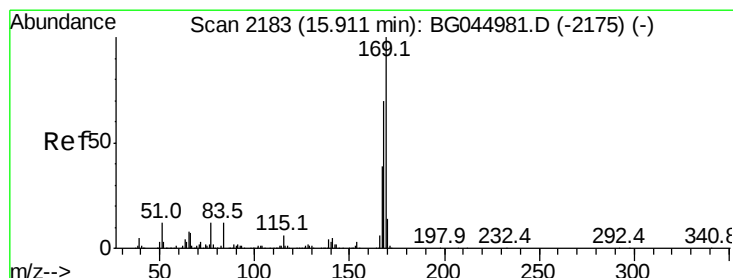
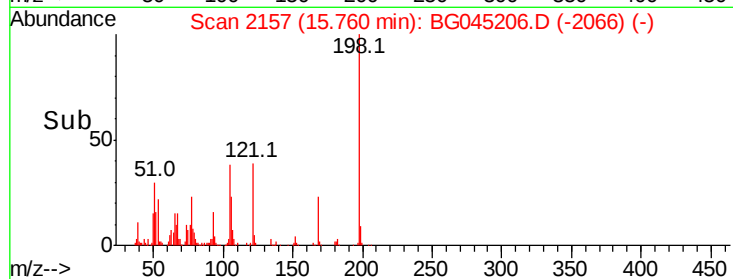
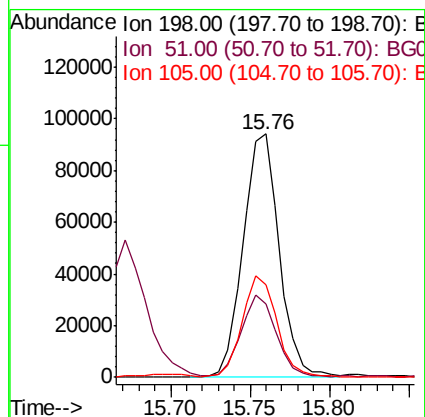
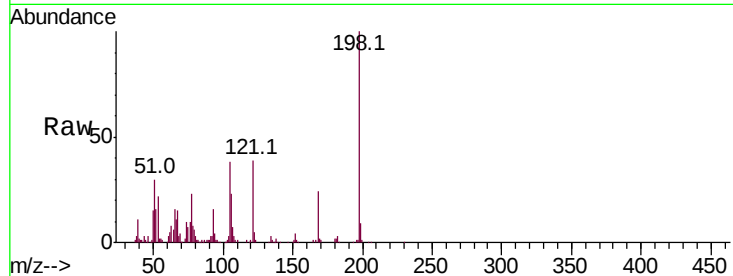




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.226 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

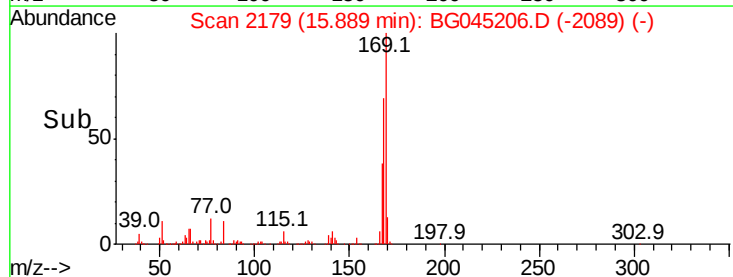
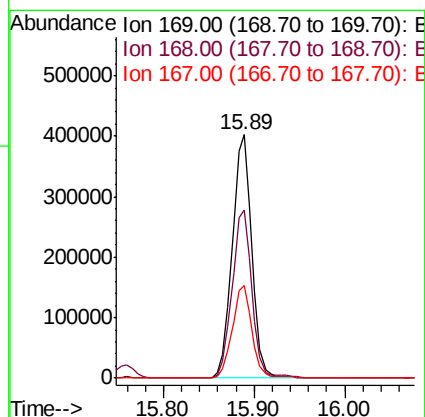
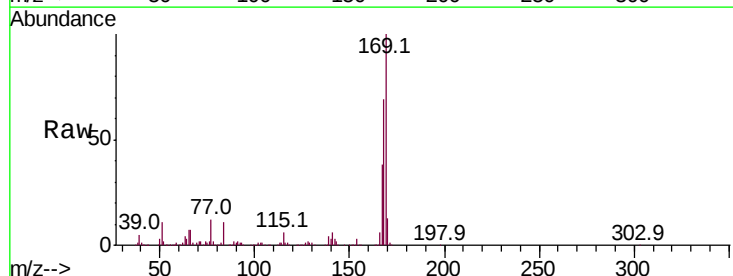
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

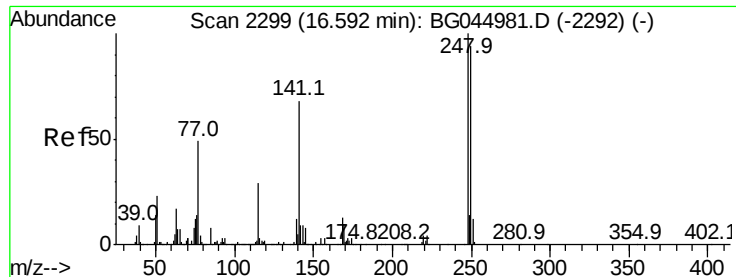
Tot Ion	Ratio	Lower	Upper
198	100		
51	30.0	10.0	50.0
105	37.9	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.082 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.8	83.8
167	38.0	30.8	46.2

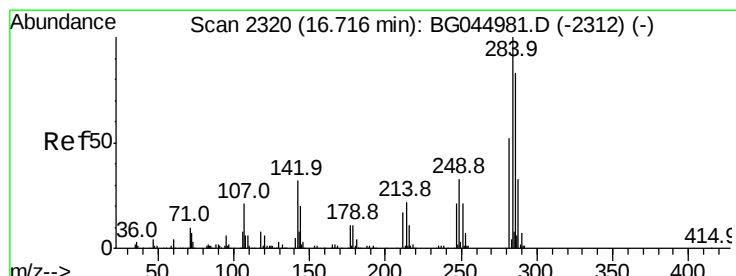
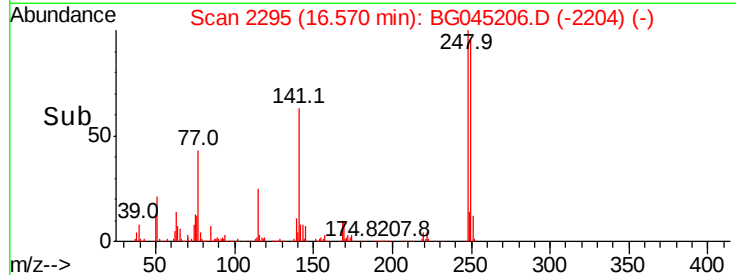
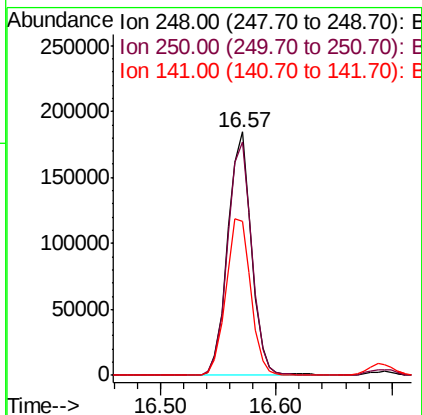
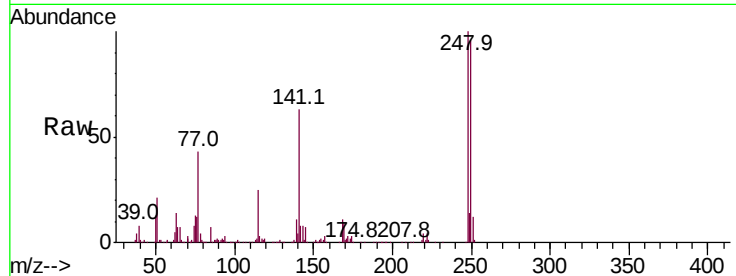




#67
4-Bromophenyl-phenylether
Concen: 41.573 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

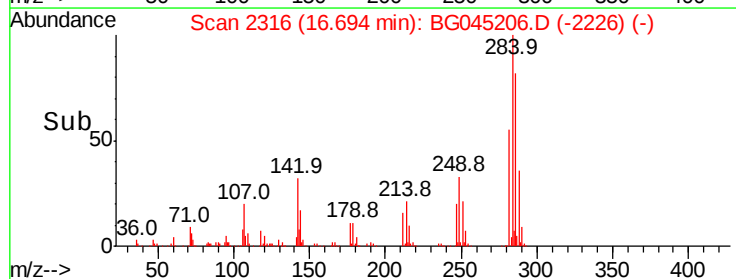
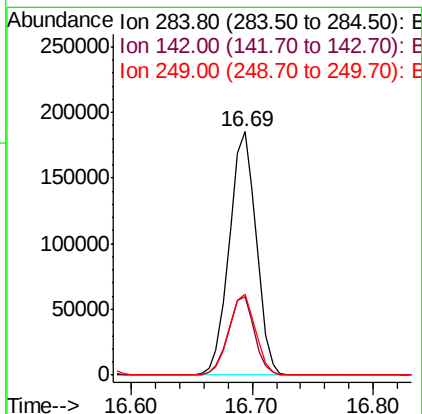
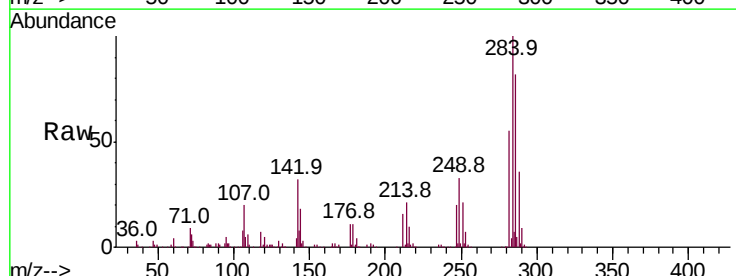
Instrument :
BNA_G
ClientSampleId :
PB128538BSD

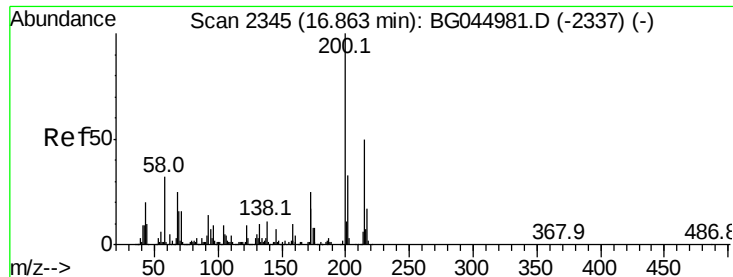
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.4	113.2
141	63.1	54.4	81.6



#68
Hexachlorobenzene
Concen: 43.998 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.8	38.6
249	33.3	26.6	39.8





#69

Atrazine

Concen: 49.959 ng

RT: 16.84 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

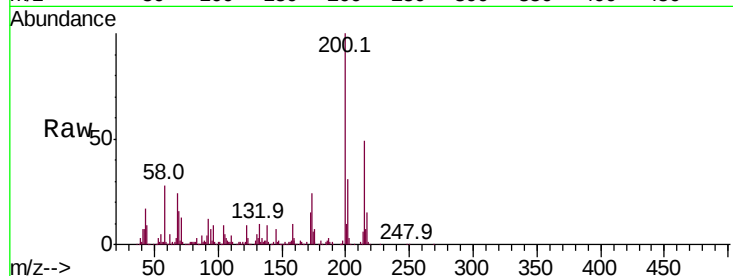
Tot Ion:200 Resp: 252920

Ion Ratio Lower Upper

200 100

173 24.0 4.5 44.5

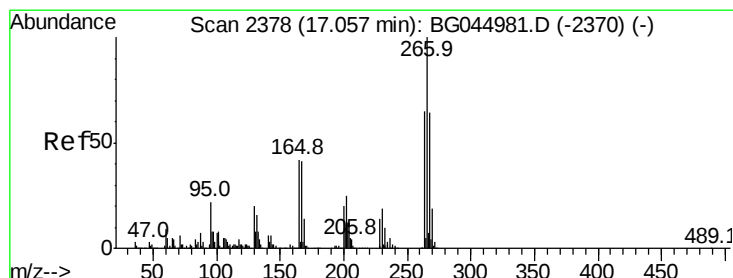
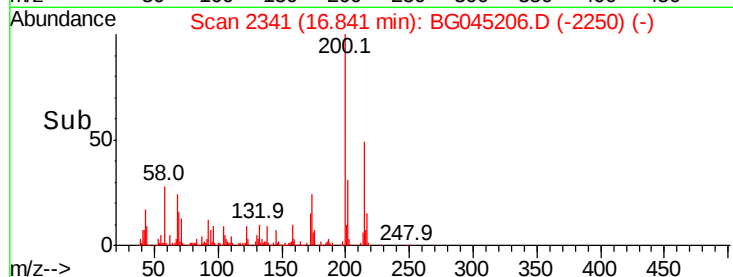
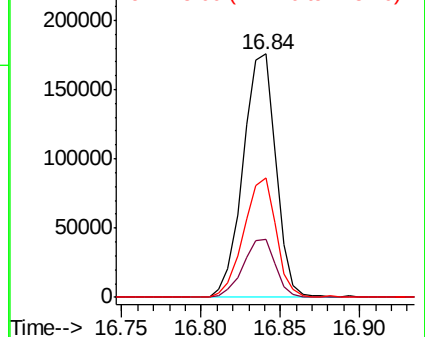
215 49.2 30.0 70.0



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: 89.300 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

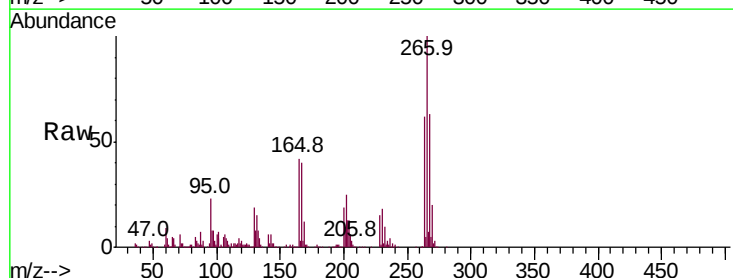
Tgt Ion:266 Resp: 357860

Ion Ratio Lower Upper

266 100

268 62.7 51.5 77.3

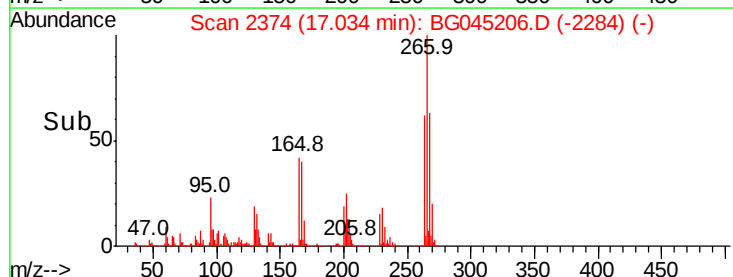
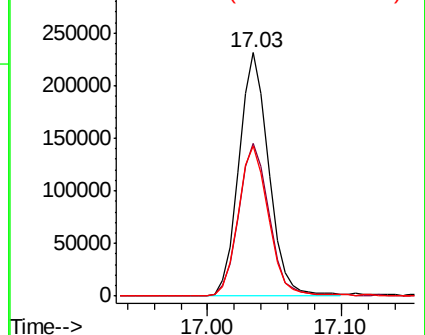
264 61.5 52.2 78.4

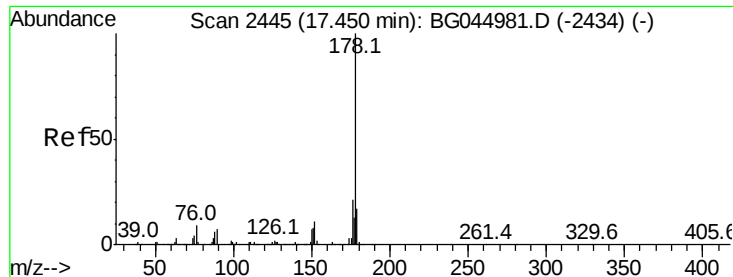


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.255 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

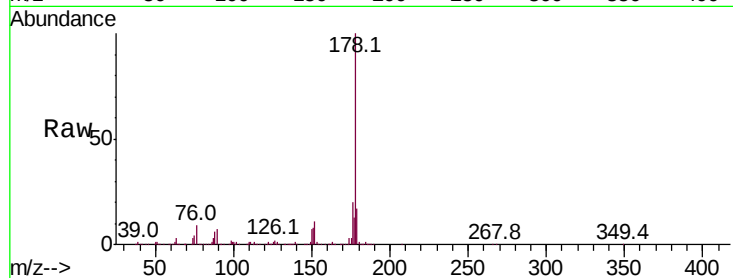
Tot Ion:178 Resp: 1110313

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	17.0	13.2	19.8

178 100

176 20.3 16.8 25.2

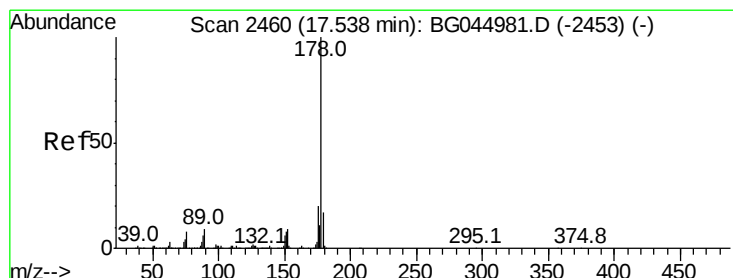
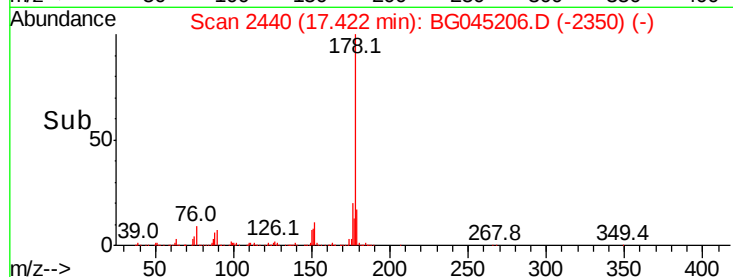
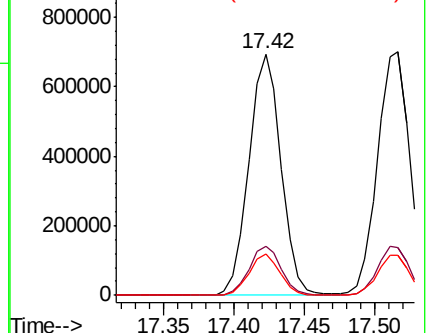
179 17.0 13.2 19.8



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



#72

Anthracene

Concen: 44.672 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

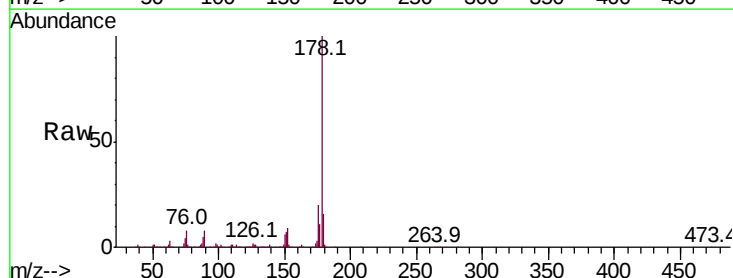
Tgt Ion:178 Resp: 1124265

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.3	13.6	20.4

178 100

176 19.7 16.0 24.0

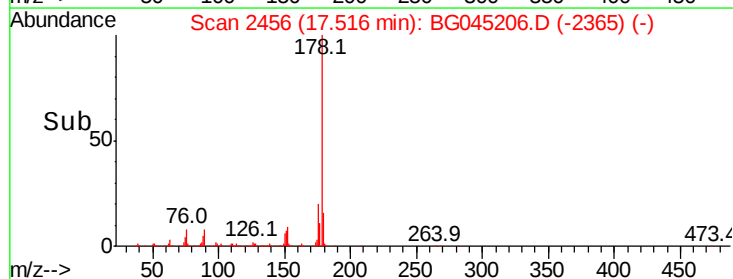
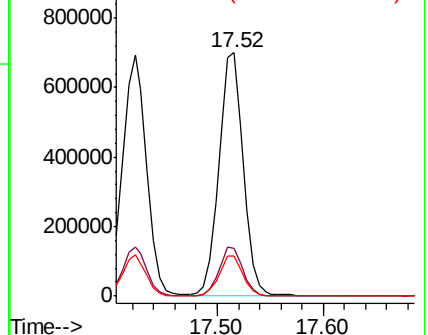
179 16.3 13.6 20.4

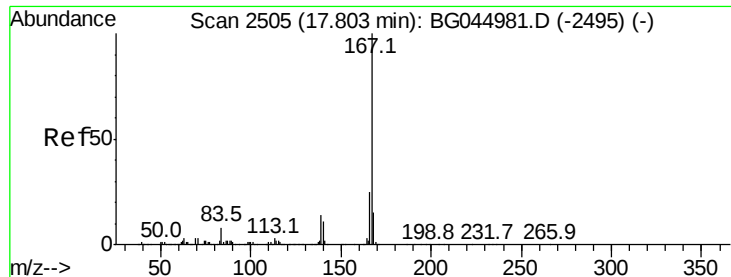


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.753 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

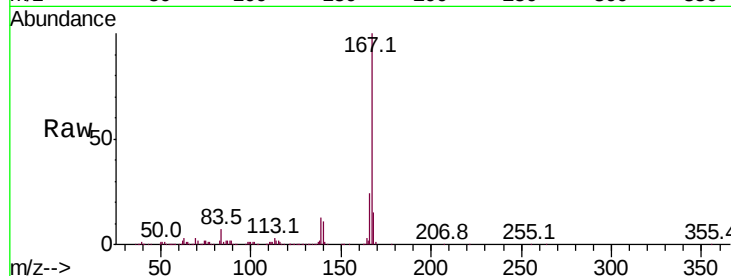
BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:167 Resp: 1040824

Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.8	29.6
139	13.1	10.9	16.3

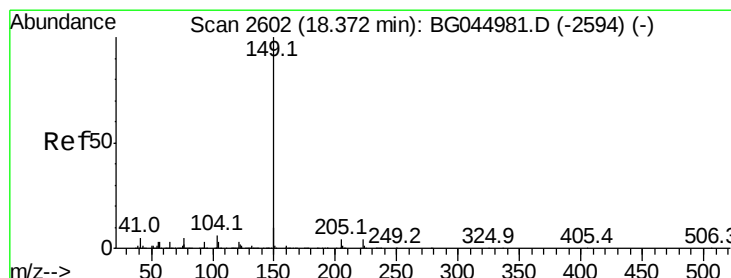
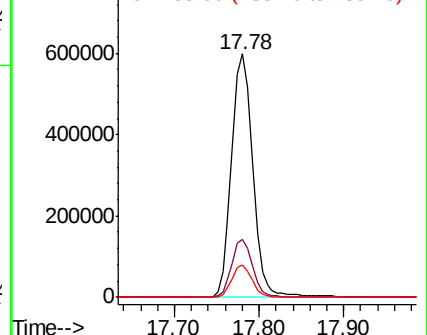
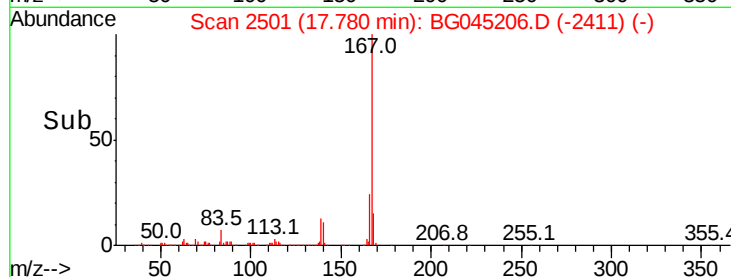


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.819 ng

RT: 18.34 min Scan# 2597

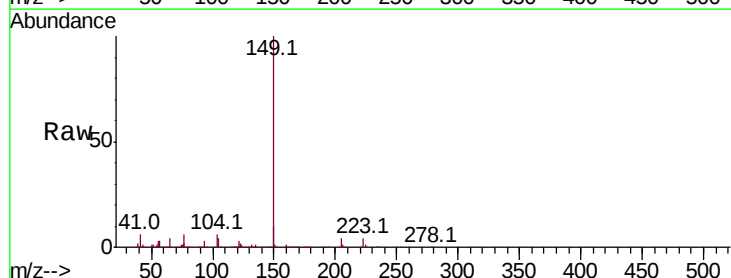
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:149 Resp: 1246706

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.4	4.8	7.2

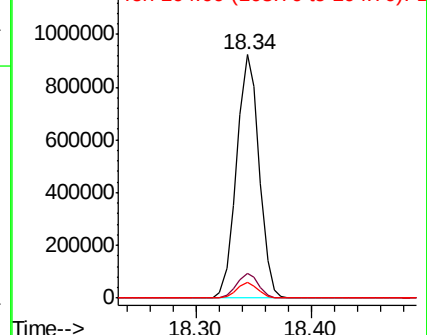
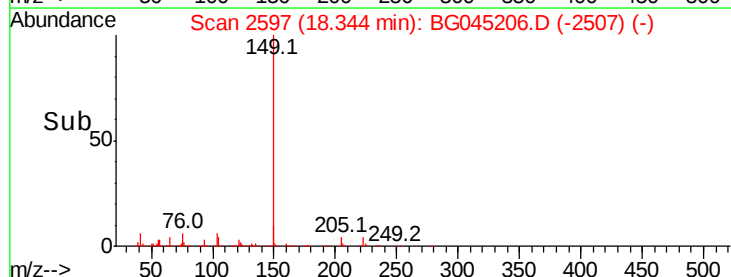


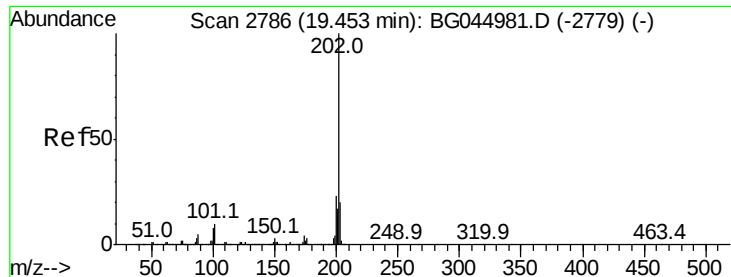
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.619 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

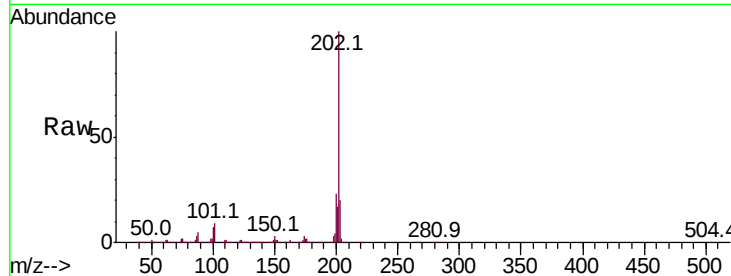
Tot Ion:202 Resp: 1393672

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.6

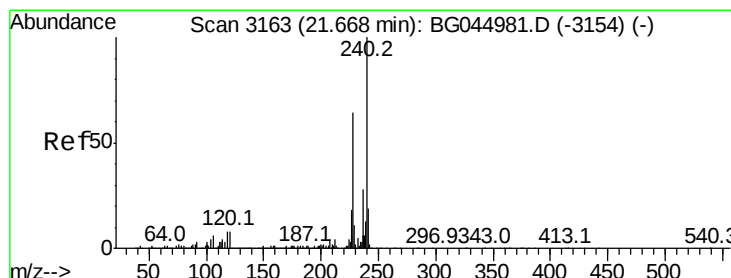
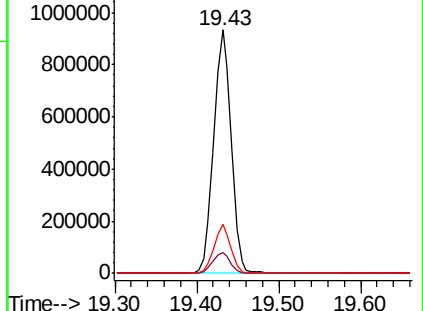
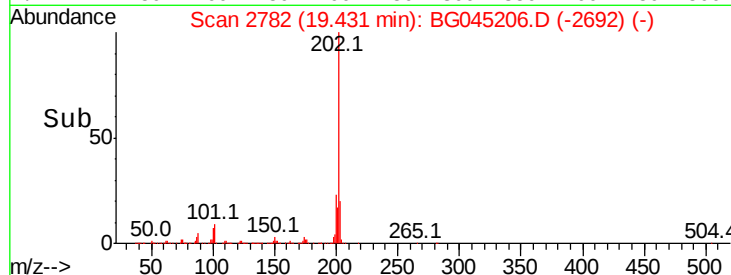
203 19.9 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

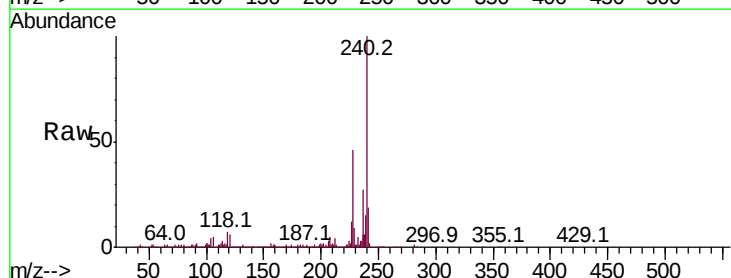
Tgt Ion:240 Resp: 450834

Ion Ratio Lower Upper

240 100

120 6.5 6.6 10.0#

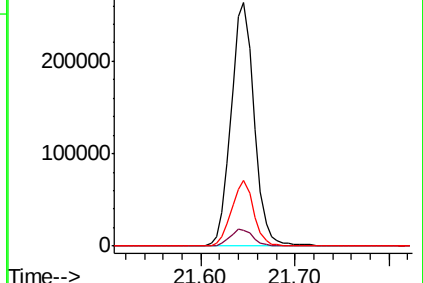
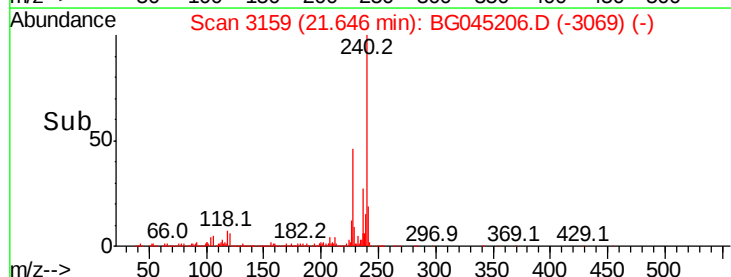
236 27.1 22.2 33.2

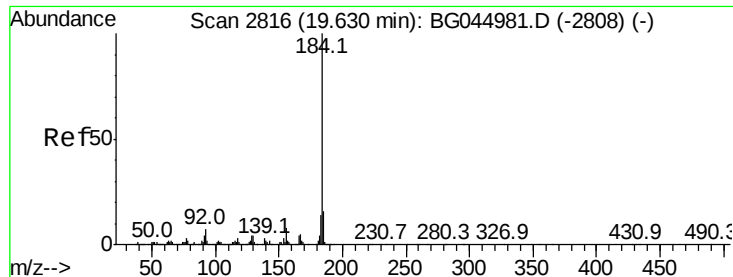


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.558 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

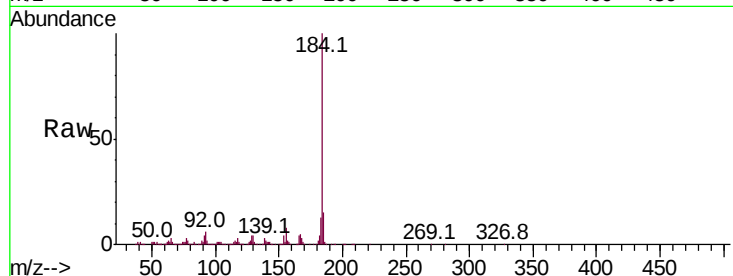
Tot Ion:184 Resp: 763880

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	19.0
183	13.1	11.3	16.9

184 100

185 15.0 12.6 19.0

183 13.1 11.3 16.9

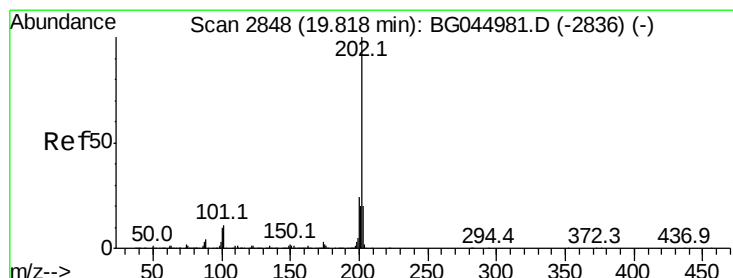
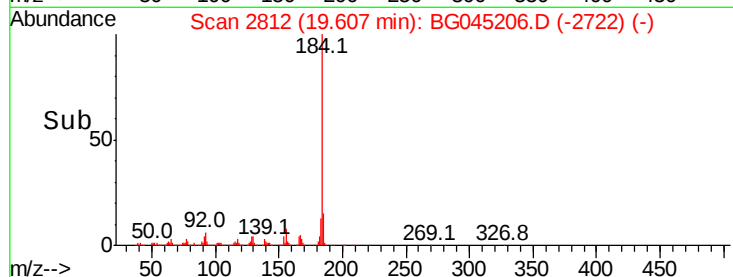
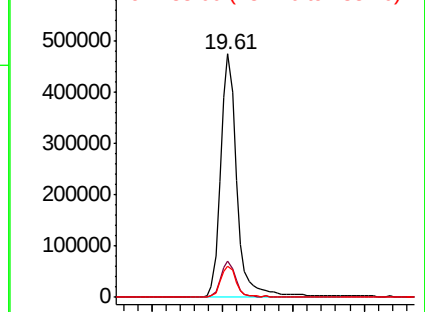


Abundance

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: 43.658 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

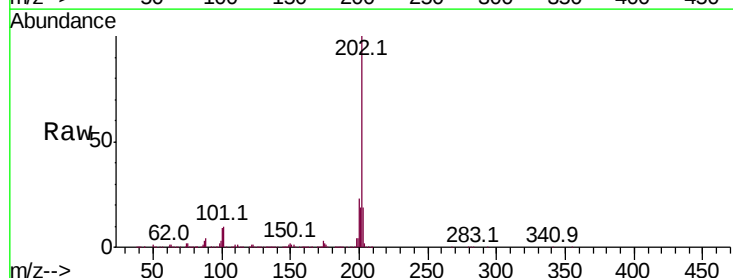
Tgt Ion:202 Resp: 1356931

Ion	Ratio	Lower	Upper
202	100		
200	22.6	19.0	28.6
203	19.3	16.1	24.1

202 100

200 22.6 19.0 28.6

203 19.3 16.1 24.1

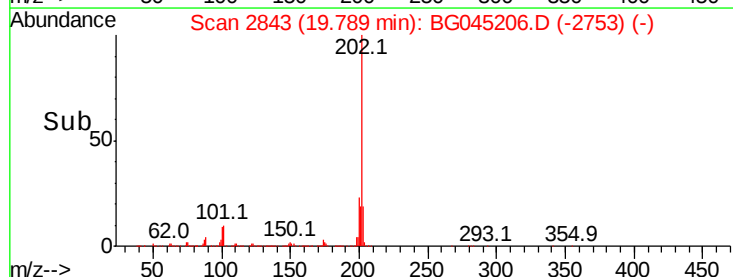
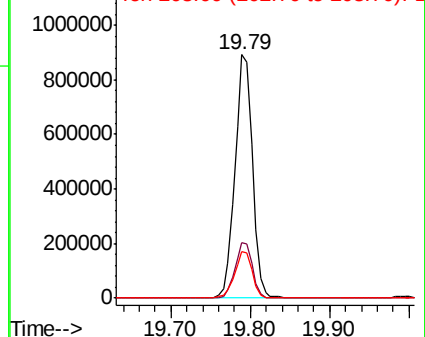


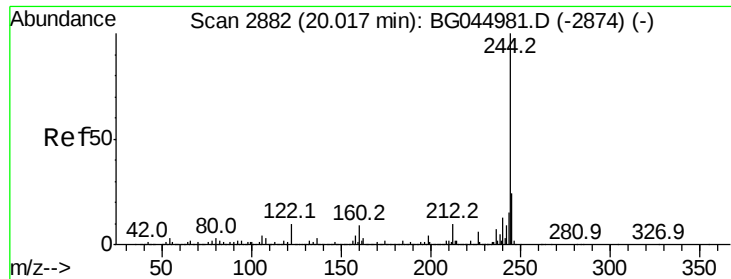
Abundance

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: 94.267 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

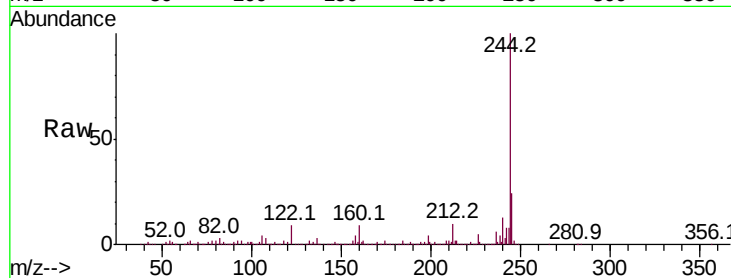
Tot Ion:244 Resp: 1949878

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

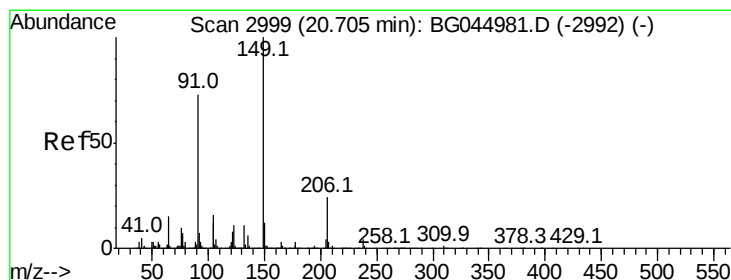
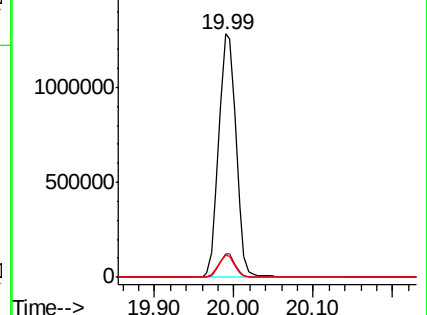
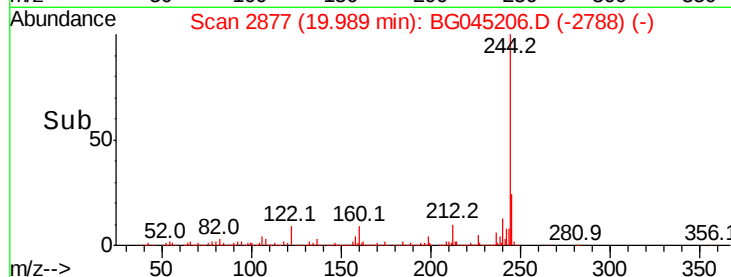
122 9.1 7.7 11.5



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: 43.015 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

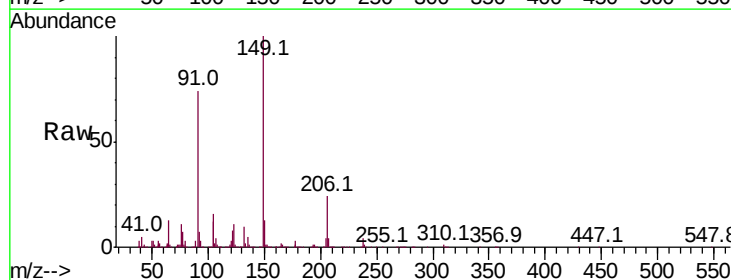
Tgt Ion:149 Resp: 554177

Ion Ratio Lower Upper

149 100

91 74.1 58.5 87.7

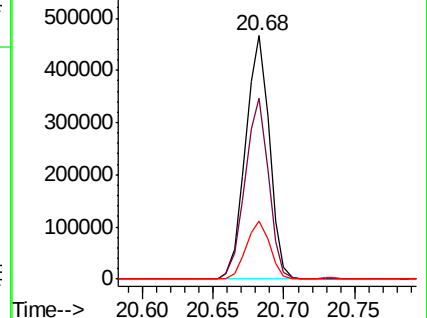
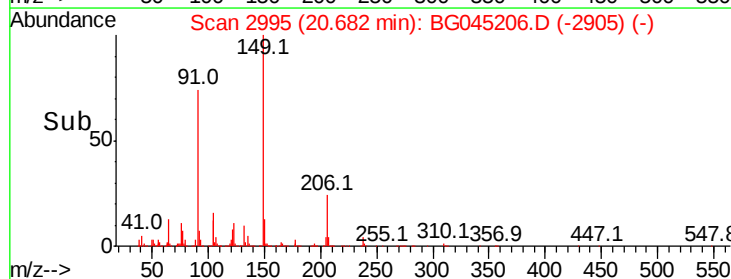
206 23.9 19.2 28.8

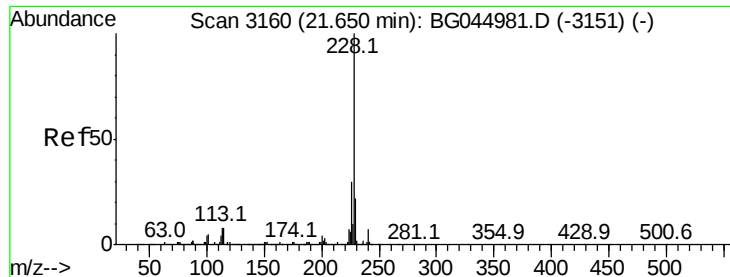


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.086 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

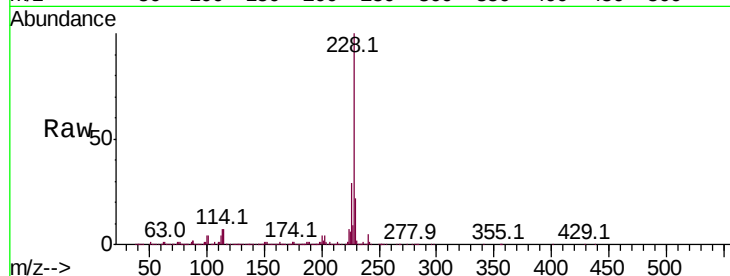
BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:228 Resp: 1288212

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	22.5	17.5	26.3

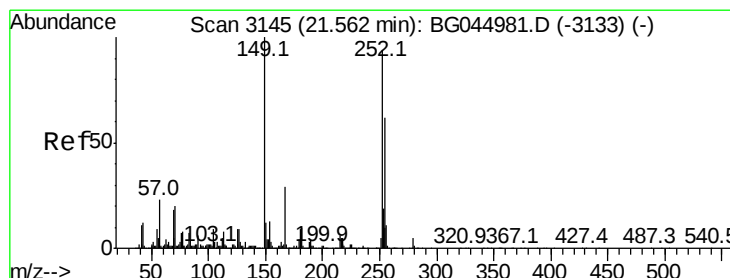
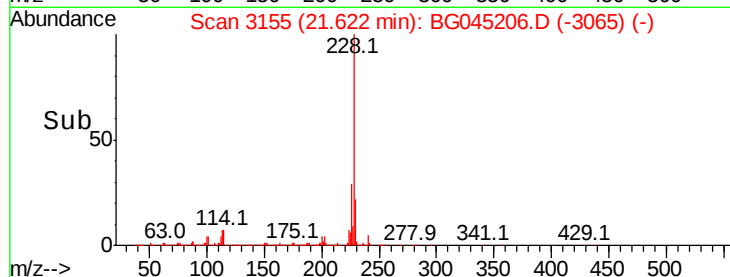
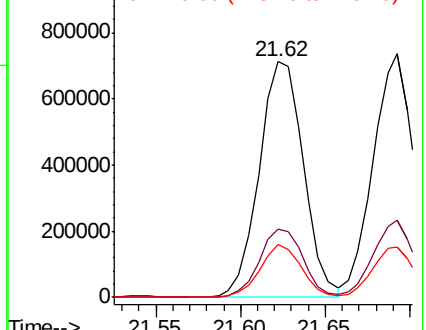


Abundance

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: 32.102 ng

RT: 21.54 min Scan# 3141

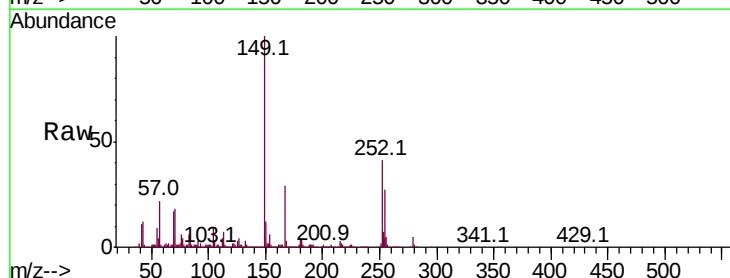
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:252 Resp: 373360

Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.6	79.0
126	8.0	7.5	11.3

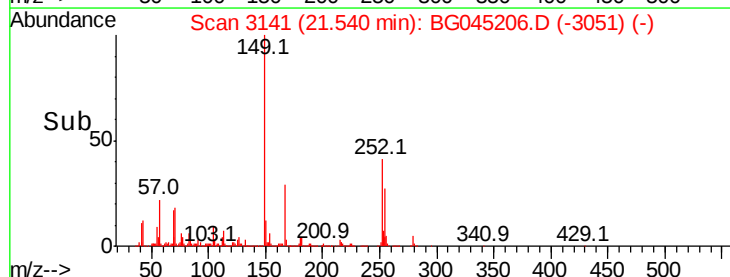
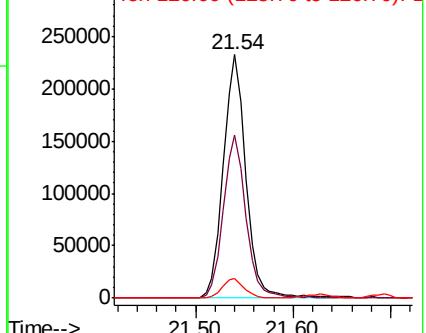


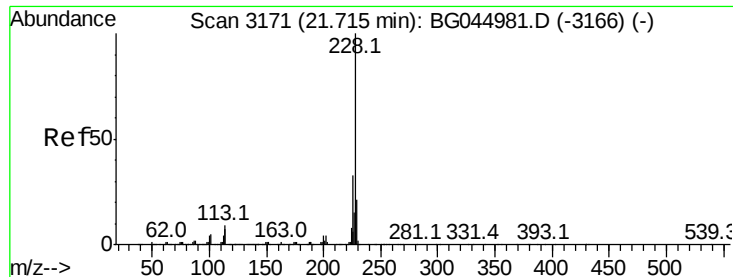
Abundance

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: 45.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

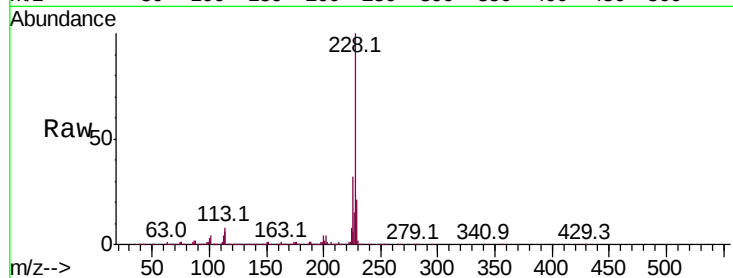
BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:228 Resp: 1263388

Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	20.8	17.0	25.6

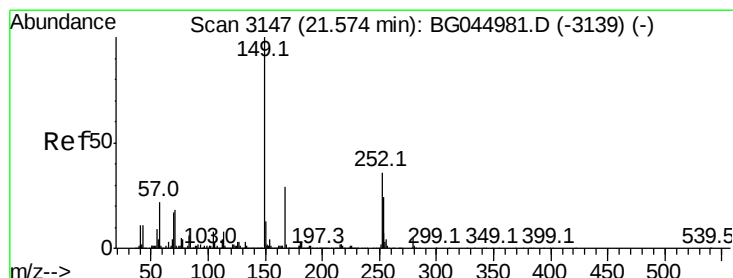
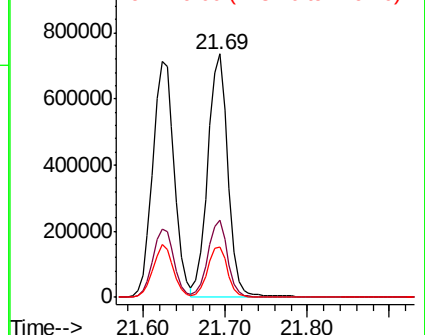
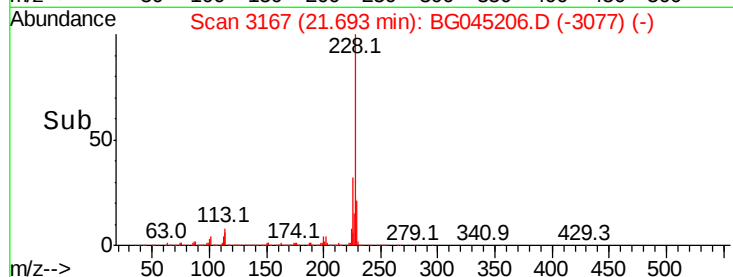


Abundance

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: 44.081 ng

RT: 21.54 min Scan# 3141

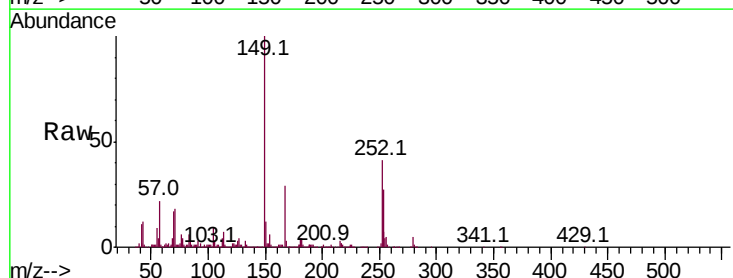
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:149 Resp: 781069

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.2	4.3	6.5

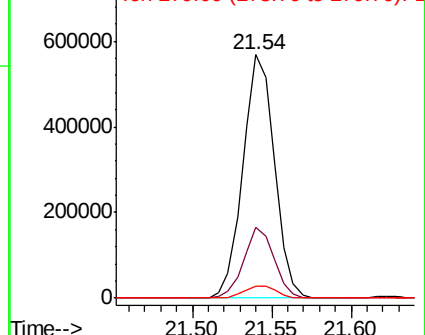
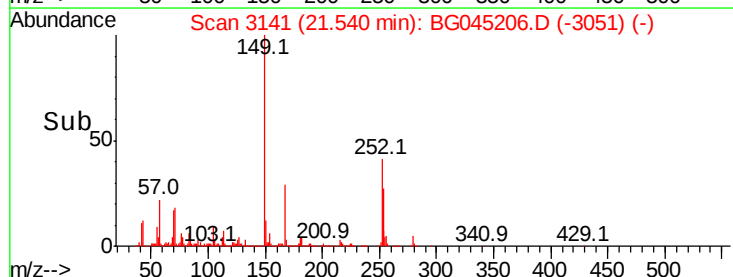


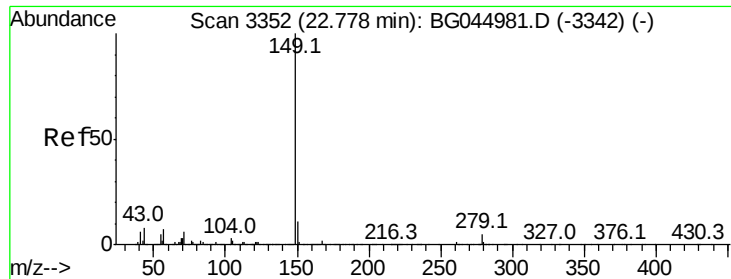
Abundance

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: 43.768 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

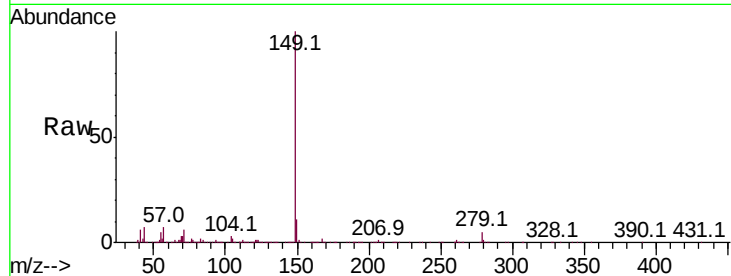
Tot Ion:149 Resp: 1341094

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

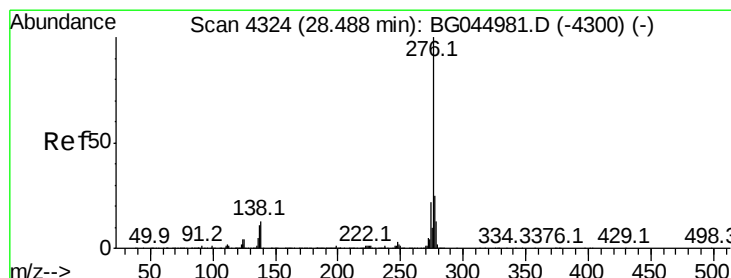
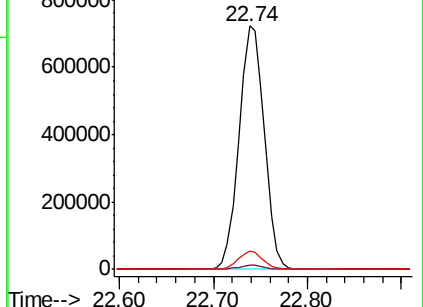
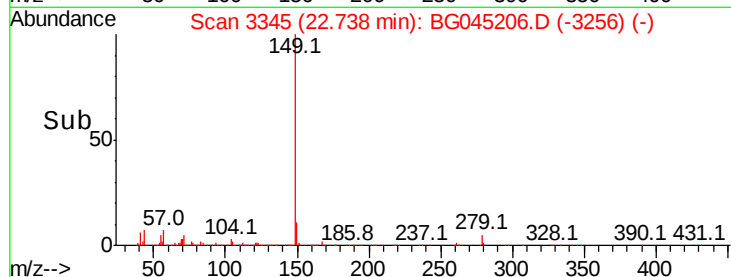
43 7.0 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.009 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

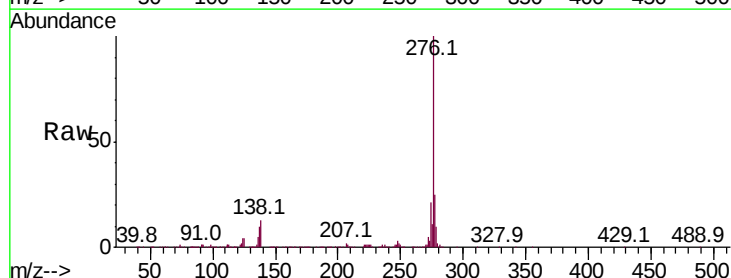
Tgt Ion:276 Resp: 1677742

Ion Ratio Lower Upper

276 100

138 15.9 9.6 14.4#

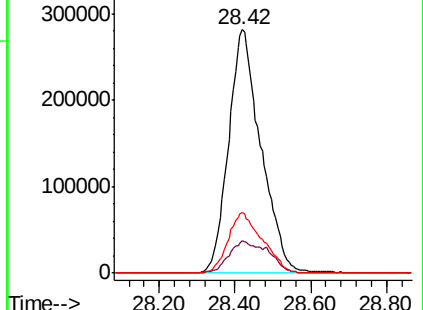
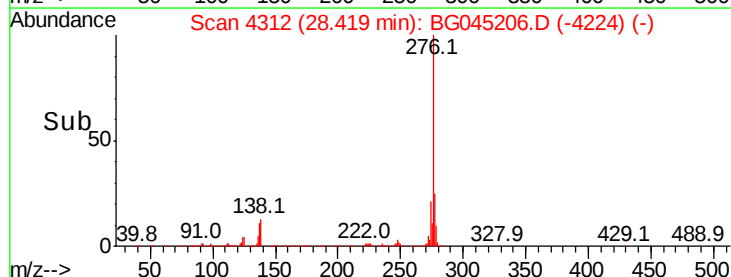
277 26.2 20.6 31.0

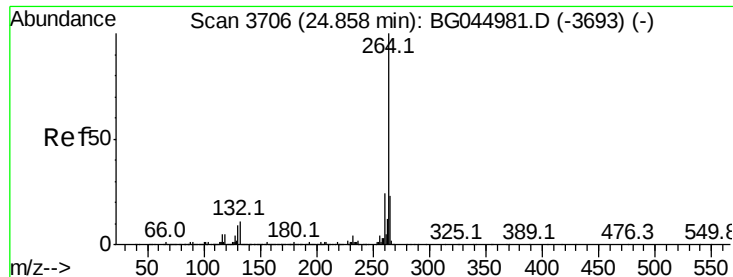


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

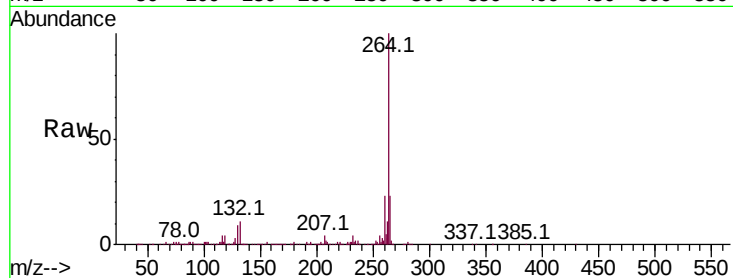
Tot Ion:264 Resp: 499892

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

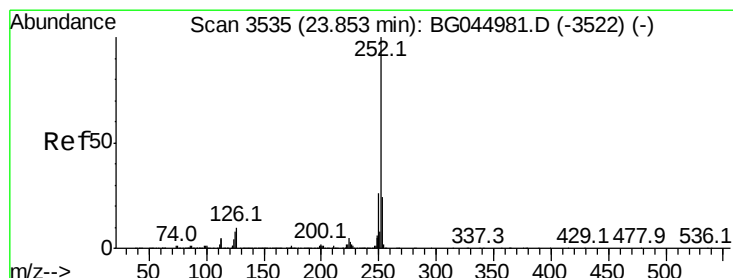
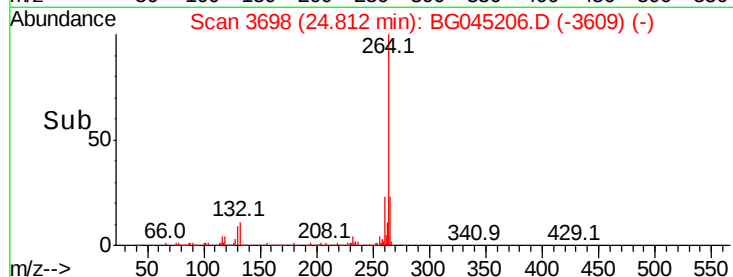
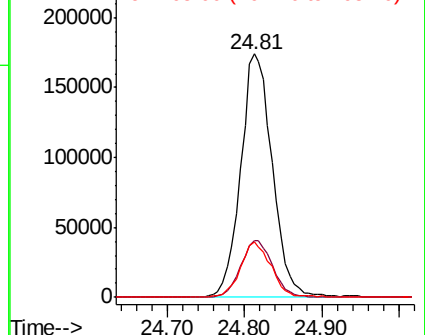
265 22.7 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.672 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

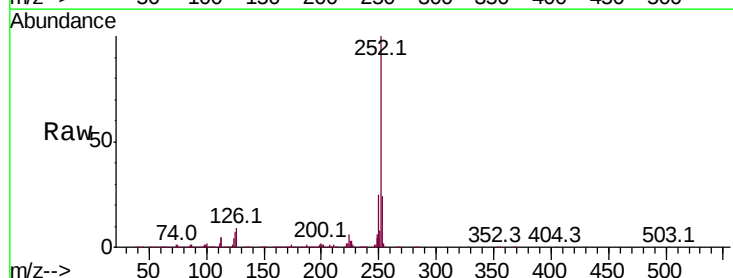
Tgt Ion:252 Resp: 1430125

Ion Ratio Lower Upper

252 100

253 23.6 18.8 28.2

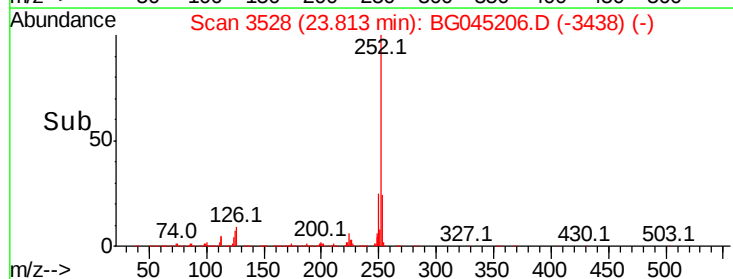
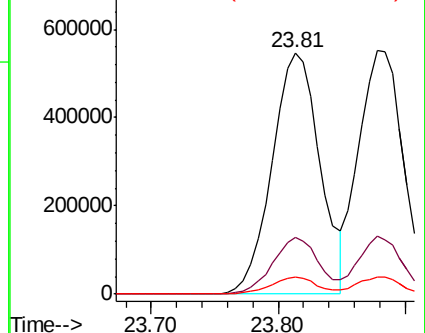
125 6.9 6.2 9.4

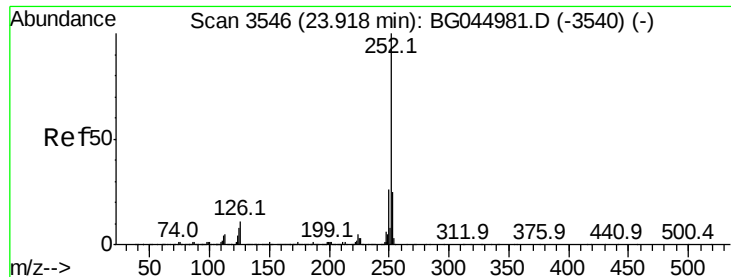


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.589 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

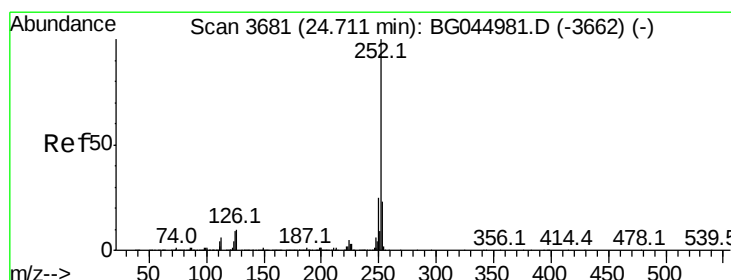
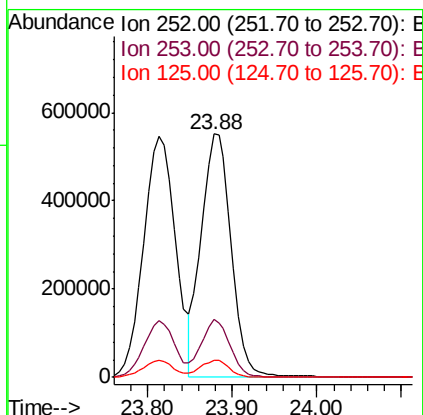
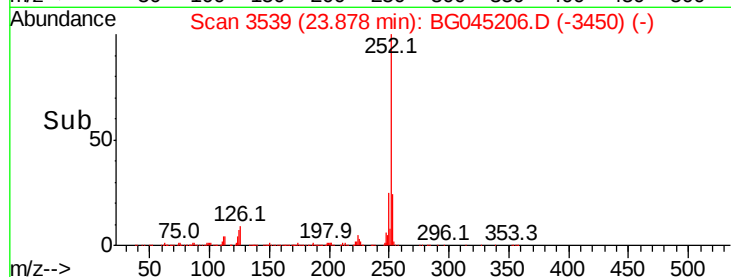
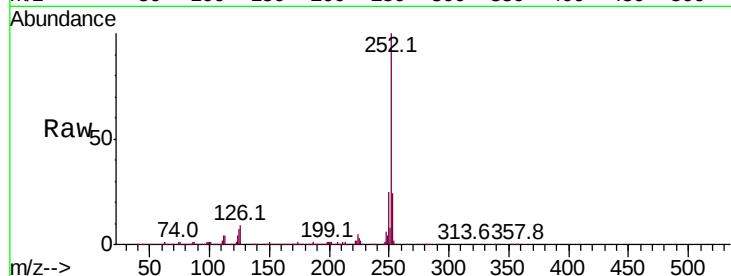
Tot Ion:252 Resp: 1357572

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

125 7.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 44.450 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

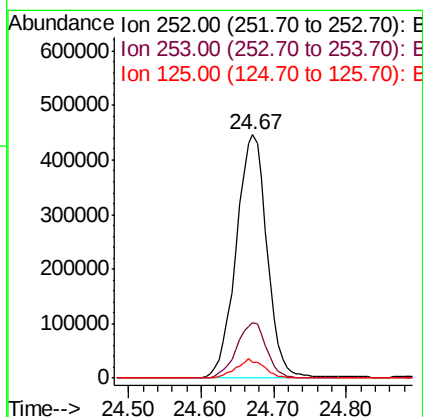
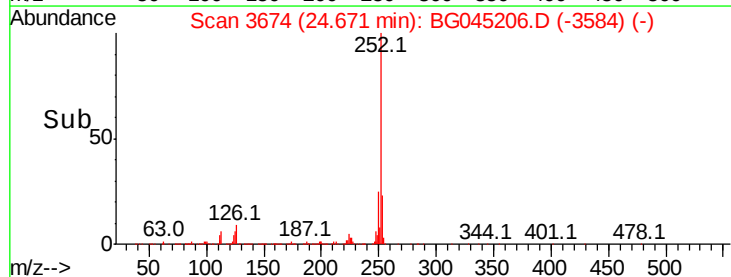
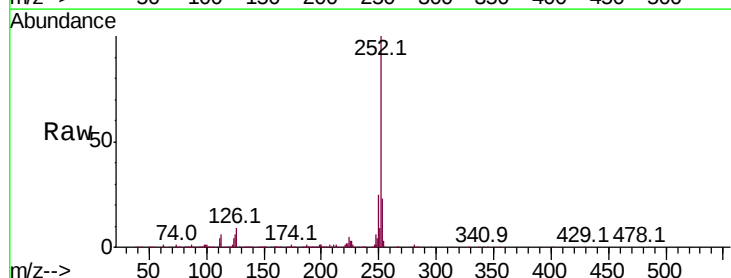
Tgt Ion:252 Resp: 1314135

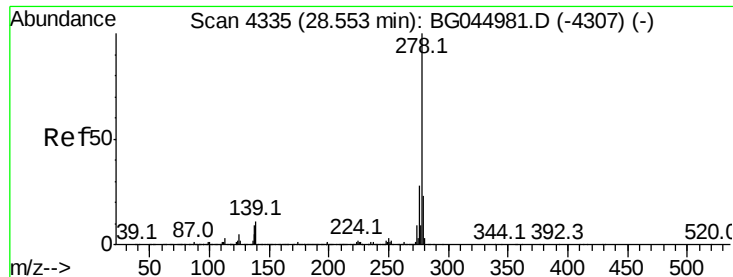
Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 6.3 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 45.053 ng

RT: 28.48 min Scan# 4323

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

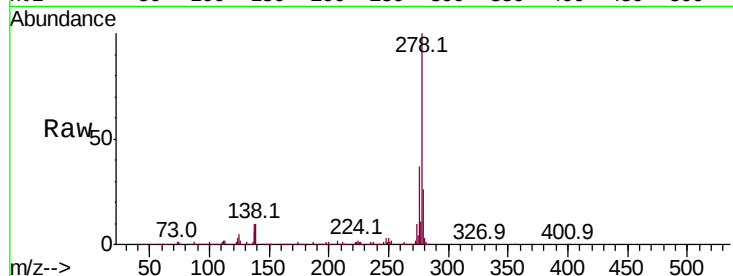
BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:278 Resp: 1342153

Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.0	13.6
279	25.6	18.4	27.6

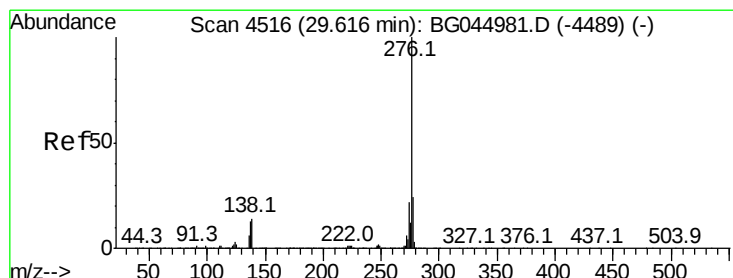
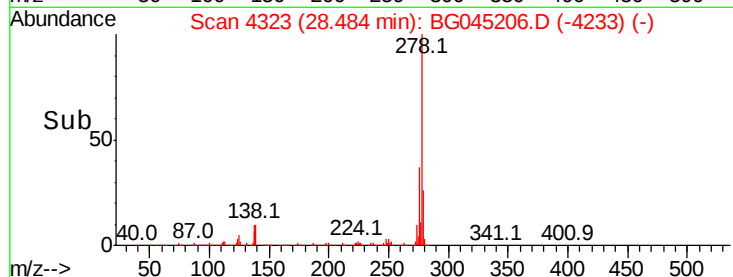
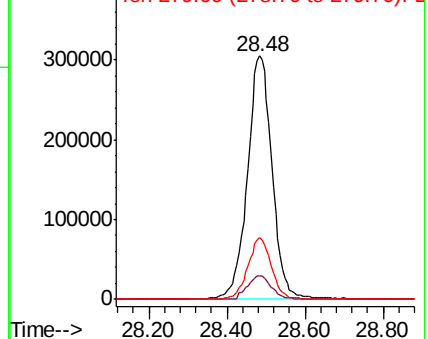


Abundance

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: 45.418 ng

RT: 29.55 min Scan# 4504

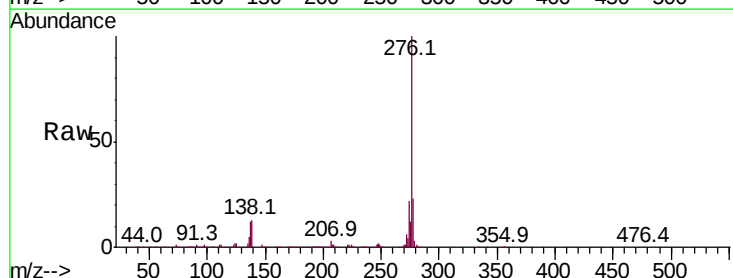
Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:276 Resp: 1356490

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	13.4	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

