

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
 Data File : BG045253.D
 Acq On : 6 May 2020 14:59
 Operator : CG/JU
 Sample : PB128670BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BSD

Quant Time: May 06 15:34:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	66283	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	269783	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201077	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	469234	20.00	ng	0.00
76) Chrysene-d12	21.64	240	391067	20.00	ng	0.00
87) Perylene-d12	24.81	264	425604	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	548647	136.65	ng	0.00
7) Phenol-d6	7.15	99	776322	130.14	ng	0.00
23) Nitrobenzene-d5	9.14	82	492883	83.36	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	390229	125.62	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1166658	85.08	ng	0.00
79) Terphenyl-d14	19.99	244	1866047	104.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	67409	37.780	ng	98
3) Pyridine	3.83	79	158250	28.806	ng	97
4) n-Nitrosodimethylamine	3.74	42	72479	43.067	ng	92
6) Aniline	7.30	93	259693	33.484	ng	99
8) 2-Chlorophenol	7.55	128	206073	47.759	ng	98
9) Benzaldehyde	7.11	77	164145	53.442	ng	99
10) Phenol	7.18	94	276383	46.302	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	188429	39.648	ng	98
12) 1,3-Dichlorobenzene	7.87	146	214557	42.198	ng	99
13) 1,4-Dichlorobenzene	8.02	146	217171	42.865	ng	96
14) 1,2-Dichlorobenzene	8.34	146	208658	43.049	ng	97
15) Benzyl Alcohol	8.22	79	213413	42.672	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.51	45	176576	37.850	ng	95
17) 2-Methylphenol	8.43	107	191270	41.531	ng	96
18) Hexachloroethane	9.07	117	84047	44.128	ng	95
19) n-Nitroso-di-n-propylamine	8.79	70	173632	41.160	ng	98
20) 3+4-Methylphenols	8.76	107	270962	42.034	ng	97
22) Acetophenone	8.81	105	319667	43.816	ng	# 98
24) Nitrobenzene	9.18	77	262526	43.317	ng	94
25) Isophorone	9.71	82	490920	40.545	ng	96
26) 2-Nitrophenol	9.90	139	122709	47.004	ng	97
27) 2,4-Dimethylphenol	9.96	122	201320	48.602	ng	99
28) bis(2-Chloroethoxy)methane	10.19	93	266141	41.835	ng	97
29) 2,4-Dichlorophenol	10.45	162	222619	46.544	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	234164	43.241	ng	98
31) Naphthalene	10.85	128	643397	43.595	ng	99
32) Benzoic acid	10.11	122	123670	38.424	ng	96
33) 4-Chloroaniline	10.94	127	126854	18.430	ng	96
34) Hexachlorobutadiene	11.14	225	155676	41.929	ng	96
35) Caprolactam	11.71	113	40545	21.299	ng	90
36) 4-Chloro-3-methylphenol	12.08	107	254879	45.362	ng	99
37) 2-Methylnaphthalene	12.45	142	494561	43.173	ng	96
38) 1-Methylnaphthalene	12.67	142	471202	43.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	277753	42.902	ng	99

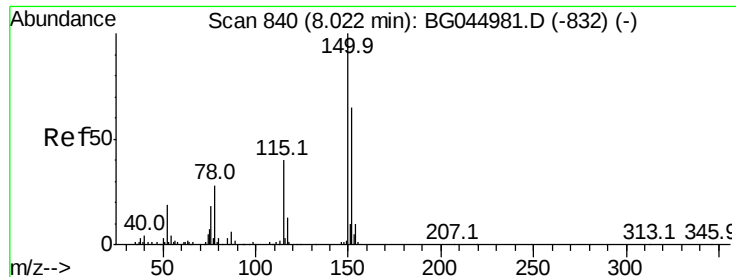
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	394514	97.497	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	201323	44.061	ng	93
44) 2,4,5-Trichlorophenol	13.14	196	215964	41.524	ng	98
46) 1,1'-Biphenyl	13.46	154	643047	42.075	ng	99
47) 2-Chloronaphthalene	13.50	162	495462	42.427	ng	100
48) 2-Nitroaniline	13.70	65	159906	41.618	ng	96
49) Acenaphthylene	14.35	152	821990	43.213	ng	99
50) Dimethylphthalate	14.08	163	685498	41.869	ng	100
51) 2,6-Dinitrotoluene	14.19	165	158278	43.221	ng	98
52) Acenaphthene	14.69	154	486102	37.770	ng	97
53) 3-Nitroaniline	14.53	138	92390	23.003	ng	99
54) 2,4-Dinitrophenol	14.73	184	189383	86.969	ng	94
55) Dibenzofuran	15.03	168	791740	42.196	ng	98
56) 4-Nitrophenol	14.85	139	254651	81.771	ng	95
57) 2,4-Dinitrotoluene	14.99	165	218679	40.861	ng	99
58) Fluorene	15.68	166	661794	43.180	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	211169	45.631	ng	97
60) Diethylphthalate	15.45	149	709421	41.559	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	367093	41.613	ng	100
62) 4-Nitroaniline	15.69	138	154040	36.977	ng	94
63) Azobenzene	15.96	77	675501	42.922	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	144781	46.941	ng	97
66) n-Nitrosodiphenylamine	15.89	169	594136	44.069	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	253984	41.957	ng	99
68) Hexachlorobenzene	16.69	284	274668	43.749	ng	98
69) Atrazine	16.83	200	229529	46.876	ng	97
70) Pentachlorophenol	17.03	266	329209	85.477	ng	98
71) Phenanthrene	17.42	178	1063661	44.112	ng	99
72) Anthracene	17.51	178	1096020	45.313	ng	99
73) Carbazole	17.78	167	989704	40.321	ng	99
74) Di-n-butylphthalate	18.34	149	1192067	44.555	ng	99
75) Fluoranthene	19.43	202	1266711	44.646	ng	99
77) Benzidine	19.60	184	622436	56.470	ng	98
78) Pyrene	19.79	202	1247723	46.280	ng	97
80) Butylbenzylphthalate	20.68	149	485922	43.481	ng	98
81) Benzo(a)anthracene	21.62	228	1147045	45.254	ng	96
82) 3,3'-Dichlorobenzidine	21.54	252	279105	27.665	ng	98
83) Chrysene	21.69	228	1099832	45.161	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	683663	44.480	ng	99
85) Di-n-octyl phthalate	22.73	149	1143559	43.025	ng	99
86) Indeno(1,2,3-cd)pyrene	28.43	276	1400609	43.317	ng	# 96
88) Benzo(b)fluoranthene	23.82	252	1155168	43.330	ng	99
89) Benzo(k)fluoranthene	23.88	252	1178686	46.490	ng	98
90) Benzo(a)pyrene	24.67	252	1087526	43.206	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1151983	45.419	ng	96
92) Benzo(g,h,i)perylene	29.56	276	1166586	45.878	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

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BNA_G

ClientSampleId :

PB128670BSD

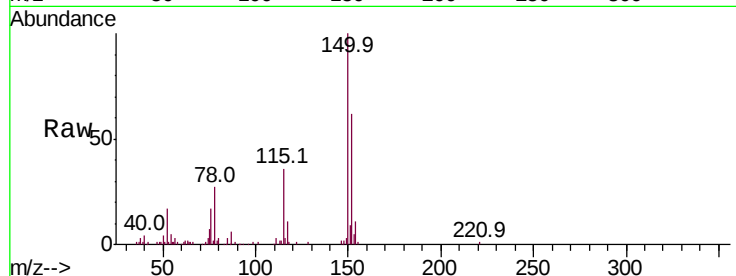
Tot Ion:152 Resp: 66283

Ion Ratio Lower Upper

152 100

150 161.1 123.6 185.4

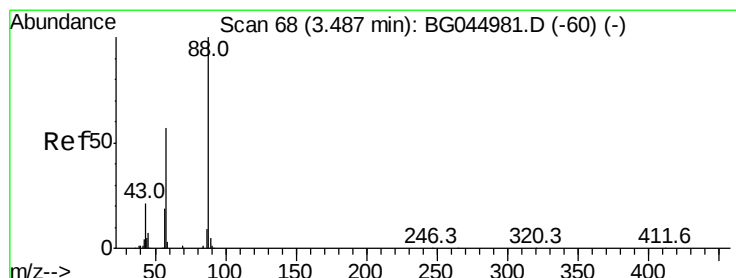
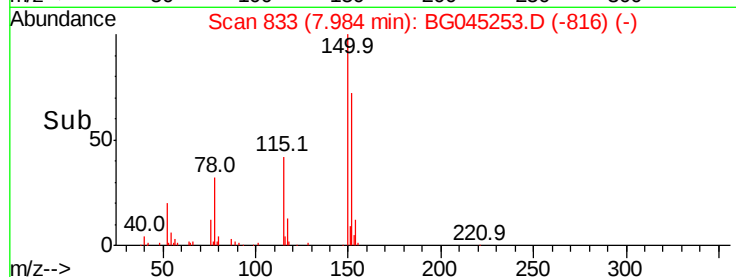
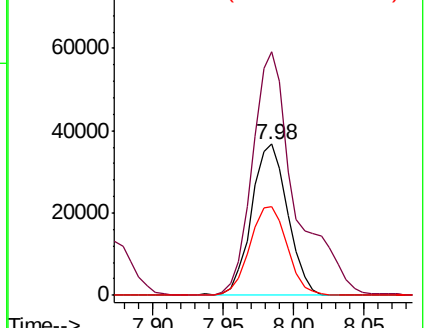
115 58.6 49.1 73.7



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: 37.780 ng

RT: 3.44 min Scan# 59

Delta R.T. -0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

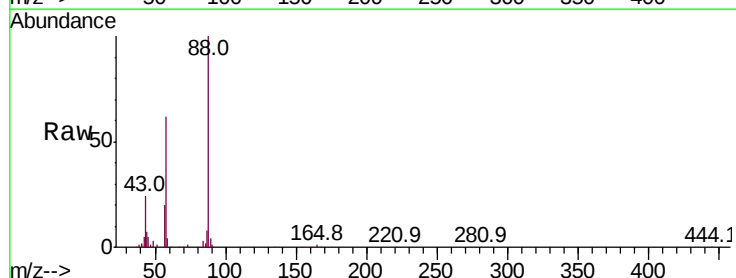
Tgt Ion: 88 Resp: 67409

Ion Ratio Lower Upper

88 100

58 58.8 46.6 69.8

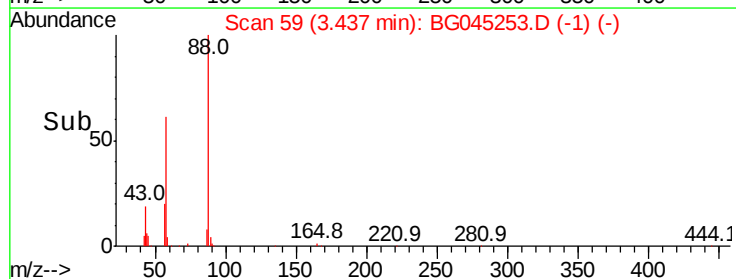
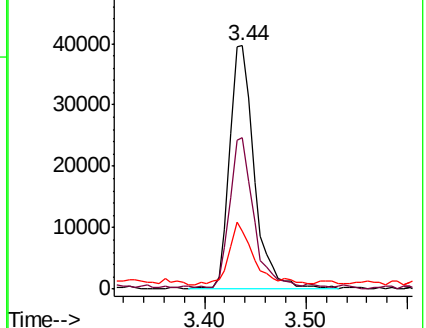
43 23.5 17.5 26.3

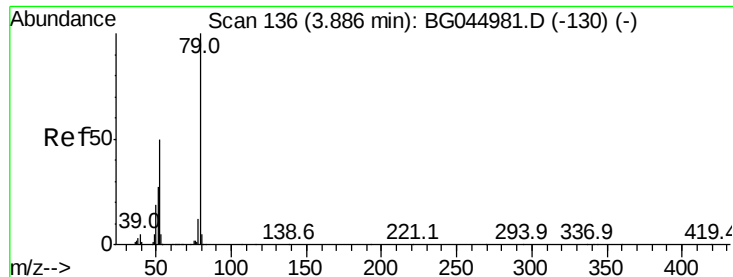


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.806 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

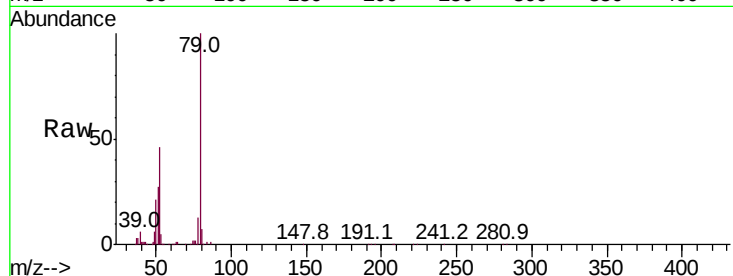
BNA_G

ClientSampleId :

PB128670BSD

Tot Ion: 79 Resp: 158250

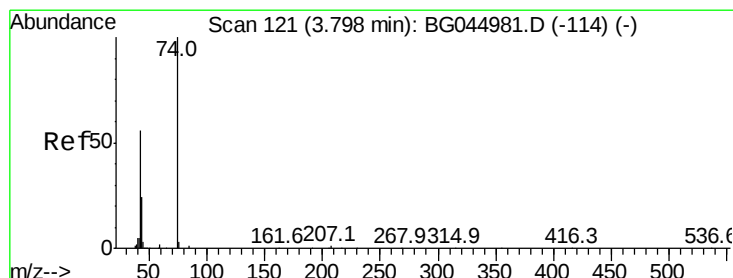
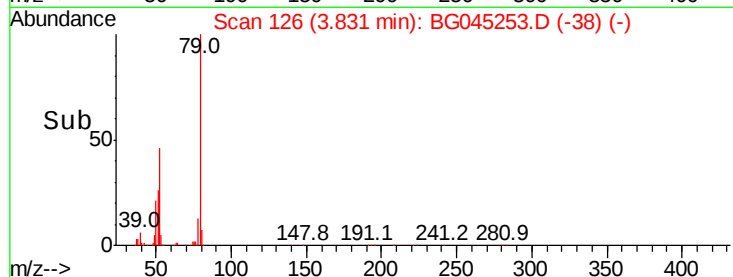
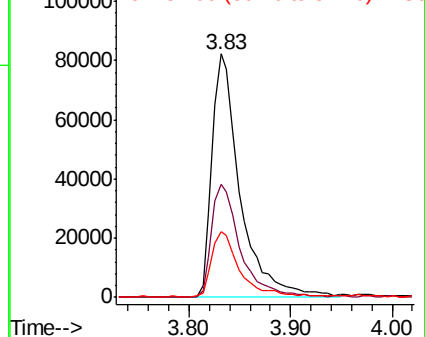
Ion	Ratio	Lower	Upper
79	100		
52	46.3	39.8	59.6
51	26.8	21.4	32.2



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: 43.067 ng

RT: 3.74 min Scan# 111

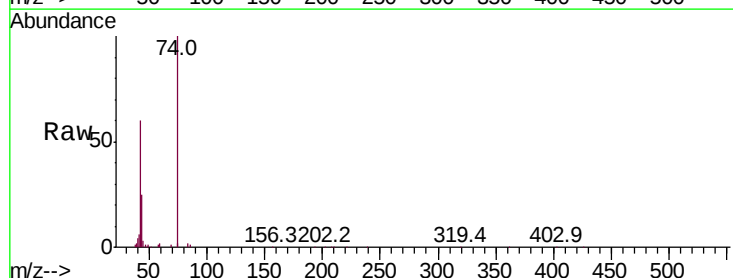
Delta R.T. -0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Tgt Ion: 42 Resp: 72479

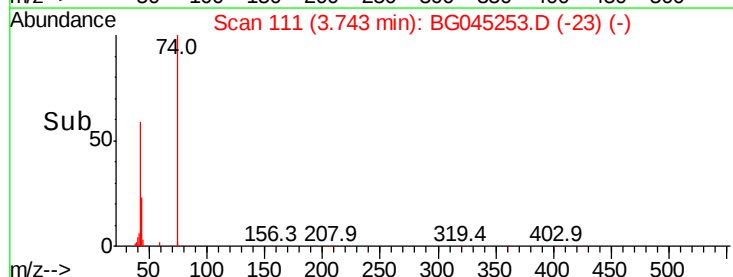
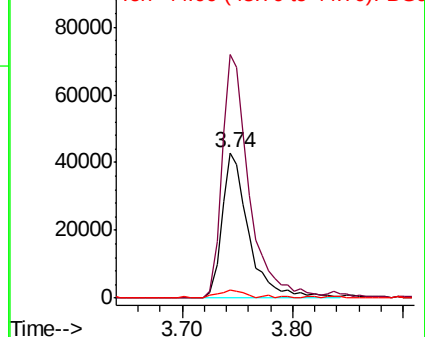
Ion	Ratio	Lower	Upper
42	100		
74	167.2	143.0	214.6
44	5.6	4.6	6.8

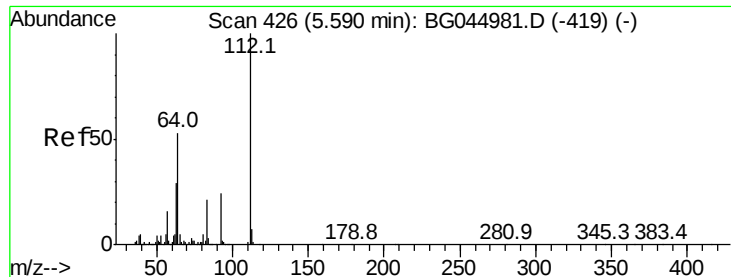


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.654 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

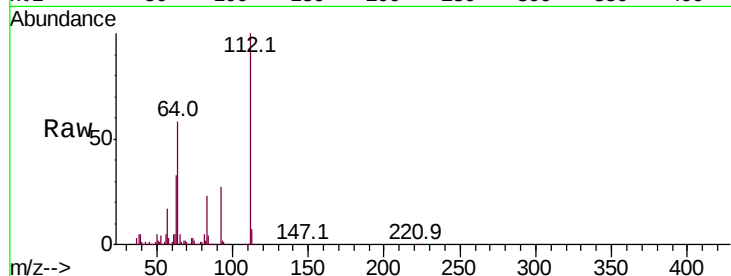
Tot Ion:112 Resp: 548647

Ion Ratio Lower Upper

112 100

64 58.1 42.4 63.6

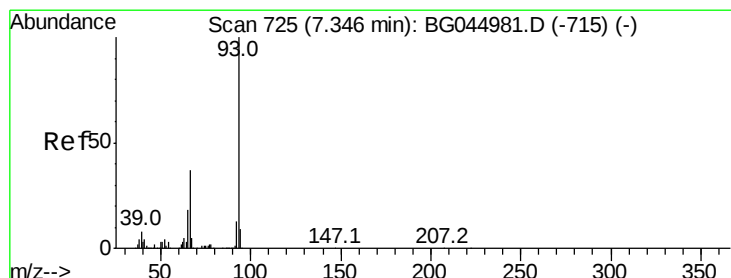
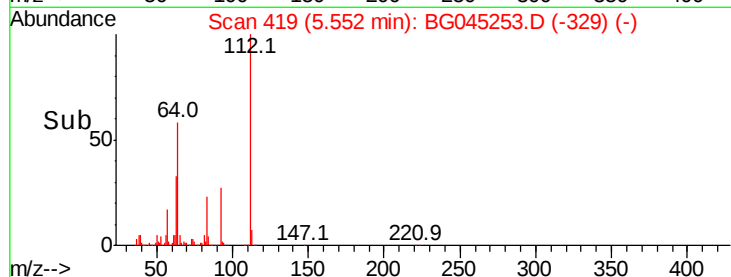
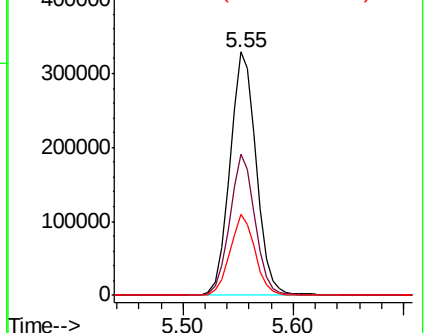
63 33.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.484 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

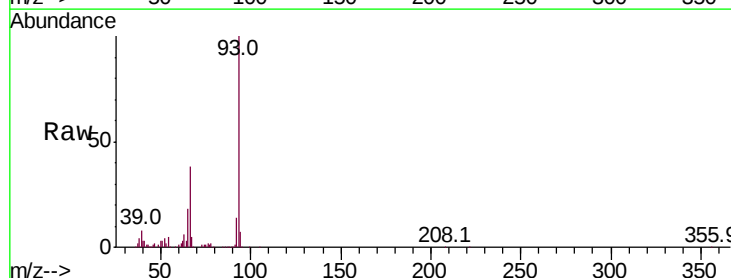
Tgt Ion: 93 Resp: 259693

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.8

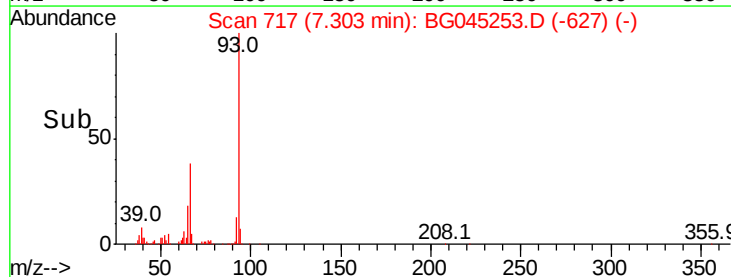
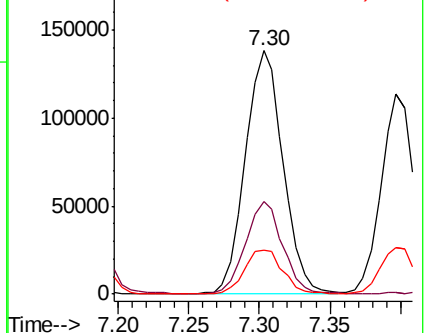
65 18.3 14.6 22.0

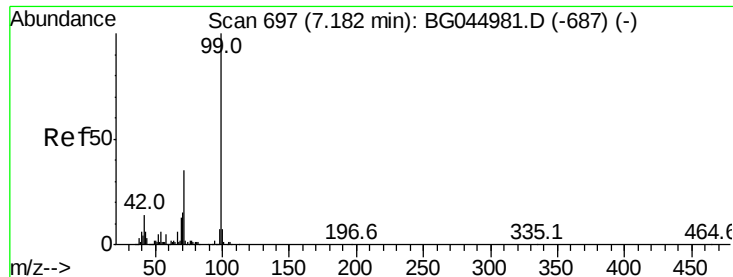


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.145 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

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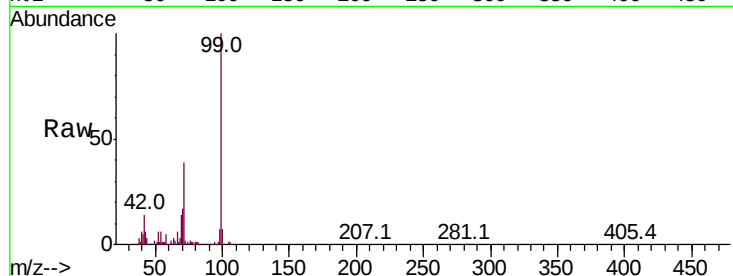
Tot Ion: 99 Resp: 776322

Ion Ratio Lower Upper

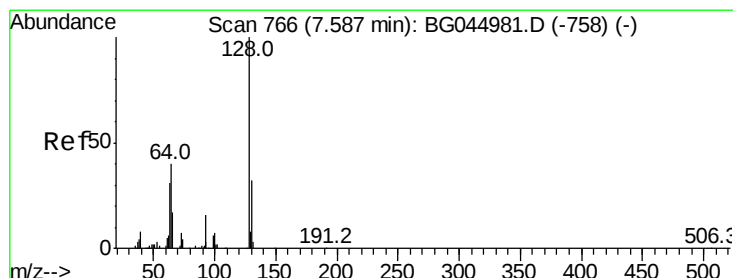
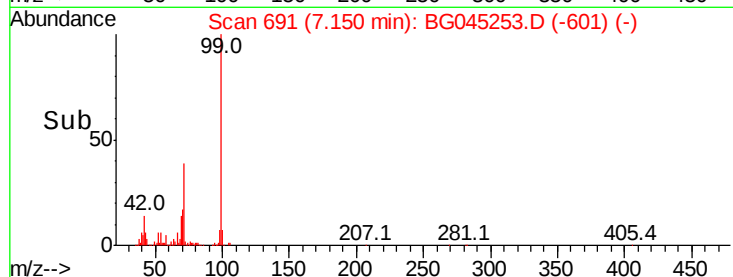
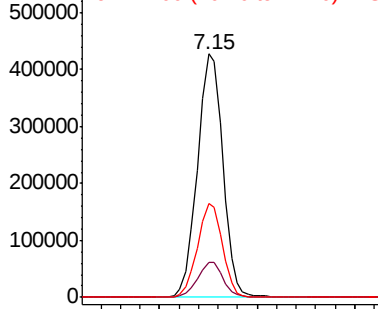
99 100

42 14.4 11.3 16.9

71 38.6 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: 47.759 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

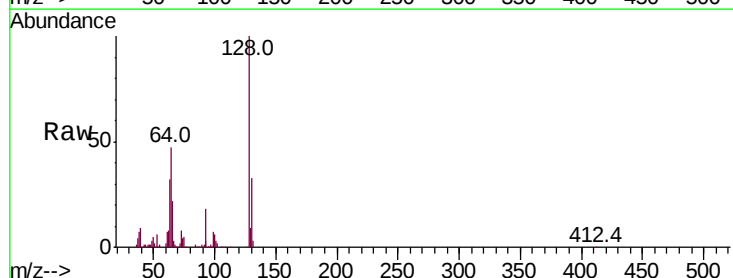
Tgt Ion: 128 Resp: 206073

Ion Ratio Lower Upper

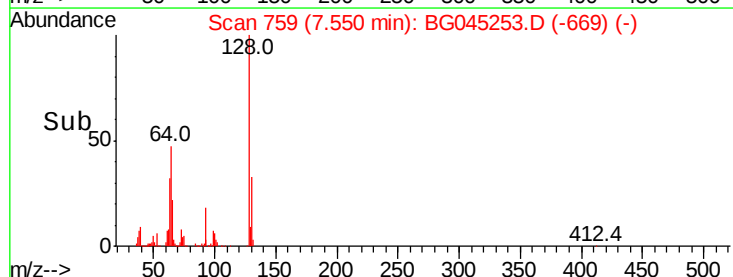
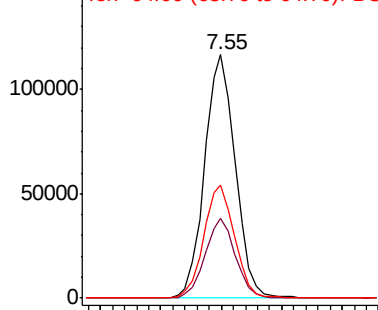
128 100

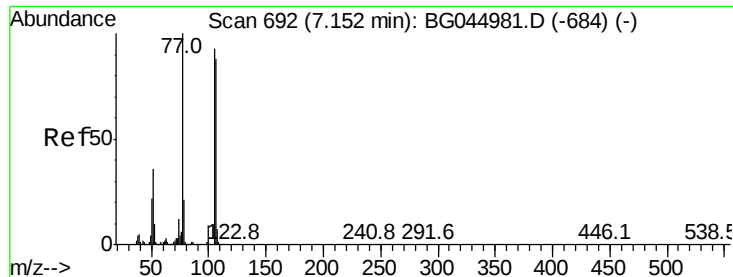
130 32.9 12.3 52.3

64 46.6 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: 53.442 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

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PB128670BSD

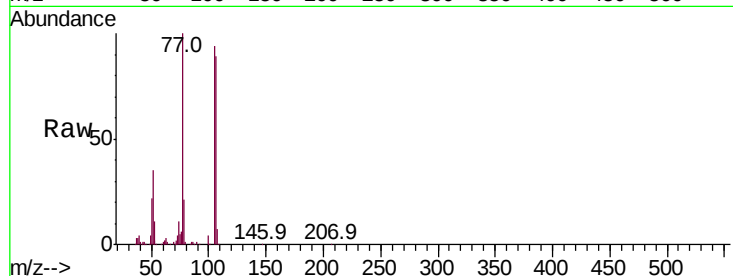
Tot Ion: 77 Resp: 164145

Ion Ratio Lower Upper

77 100

105 93.5 72.9 112.9

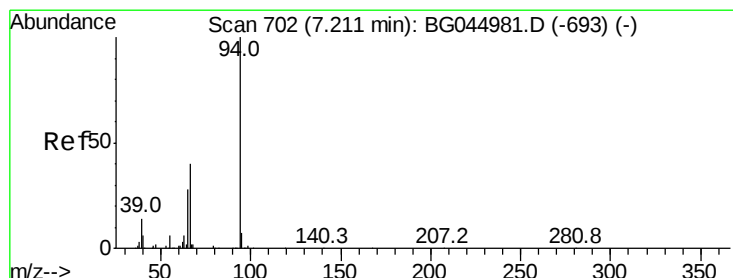
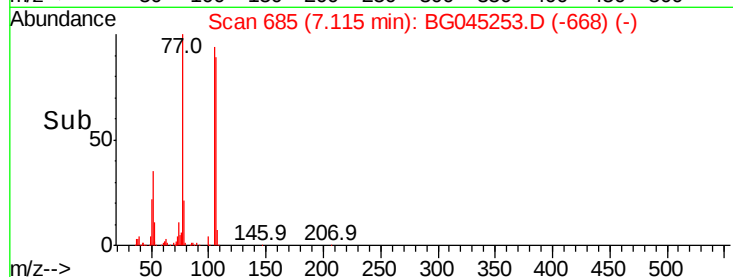
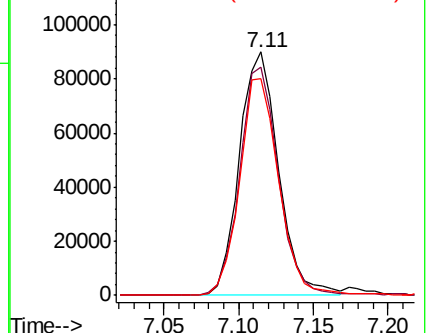
106 89.1 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.302 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

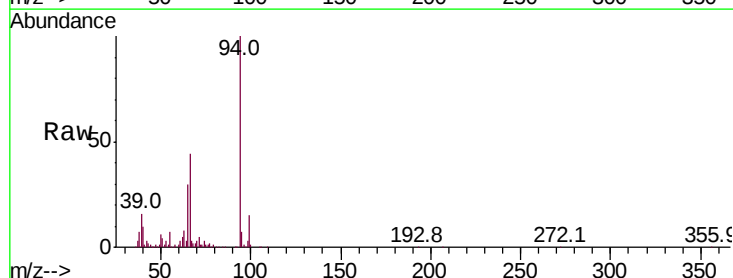
Tgt Ion: 94 Resp: 276383

Ion Ratio Lower Upper

94 100

65 29.8 8.2 48.2

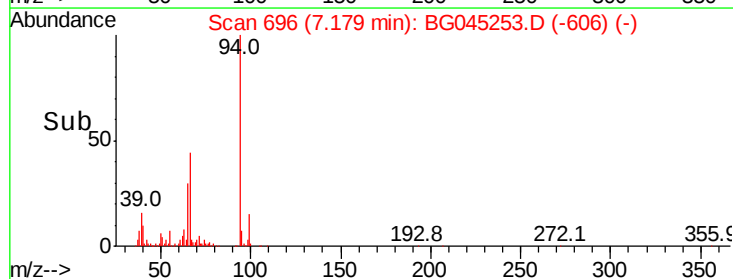
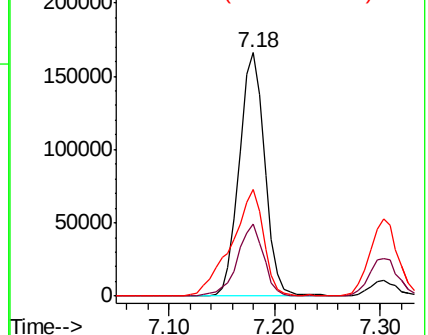
66 43.6 20.4 60.4

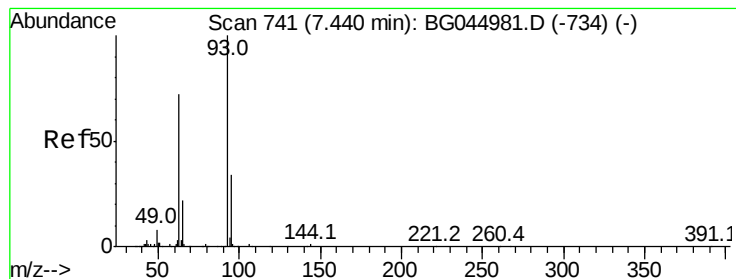


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.648 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

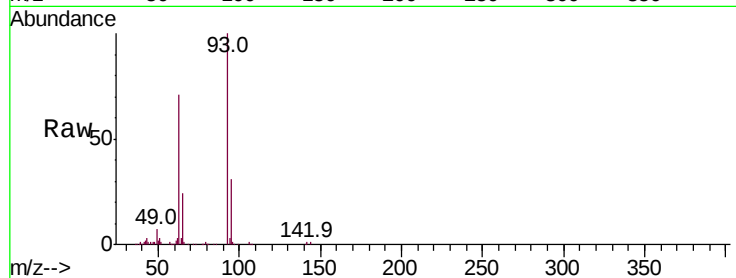
Tot Ion: 93 Resp: 188429

Ion Ratio Lower Upper

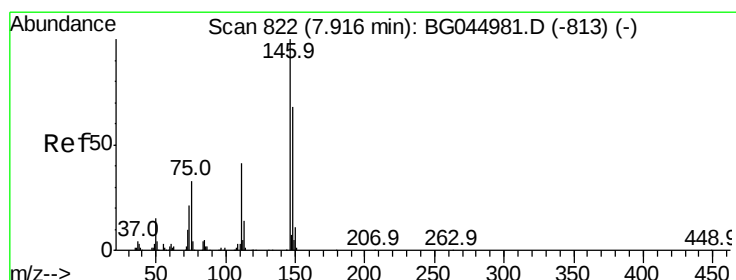
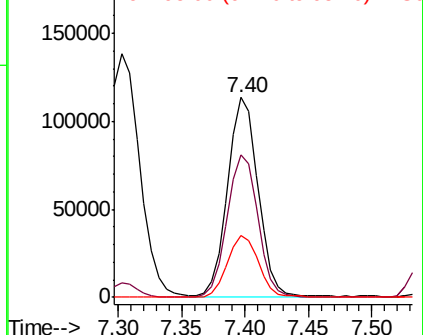
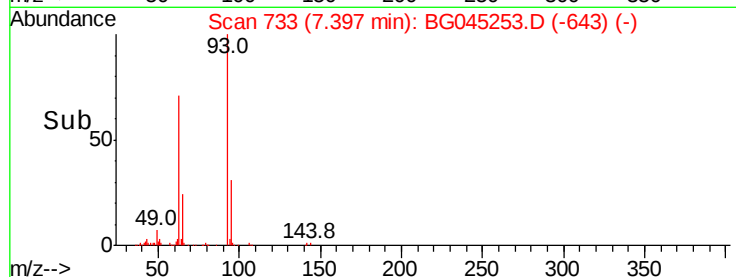
93 100

63 71.1 51.8 91.8

95 31.0 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 42.198 ng

RT: 7.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

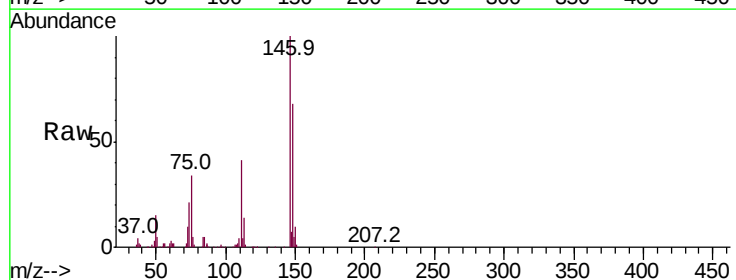
Tgt Ion: 146 Resp: 214557

Ion Ratio Lower Upper

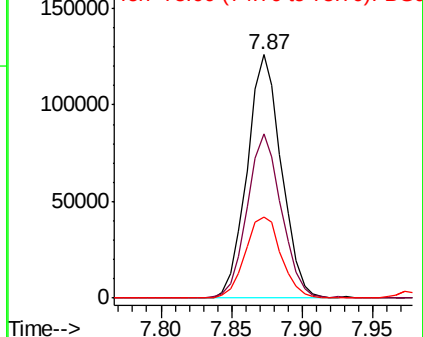
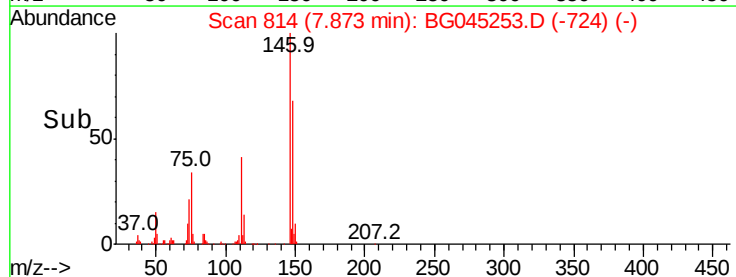
146 100

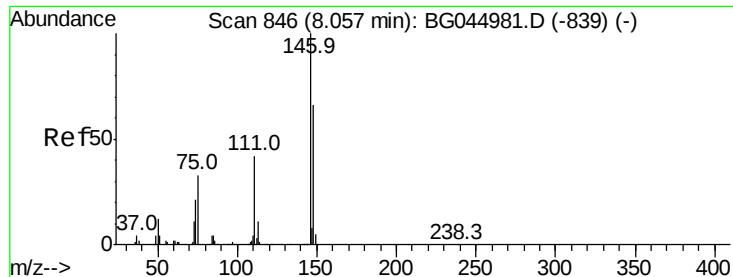
148 67.5 54.6 81.8

75 33.5 26.0 39.0



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





#13

1,4-Dichlorobenzene

Concen: 42.865 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

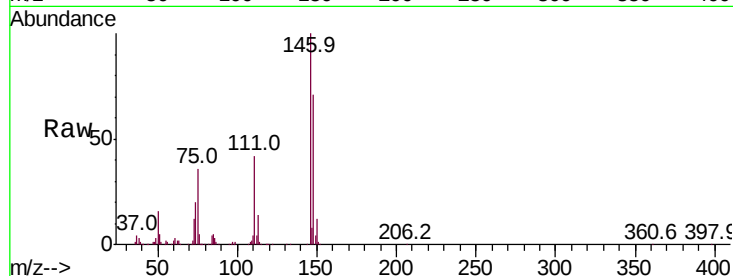
Tot Ion:146 Resp: 217171

Ion Ratio Lower Upper

146 100

148 71.0 53.3 79.9

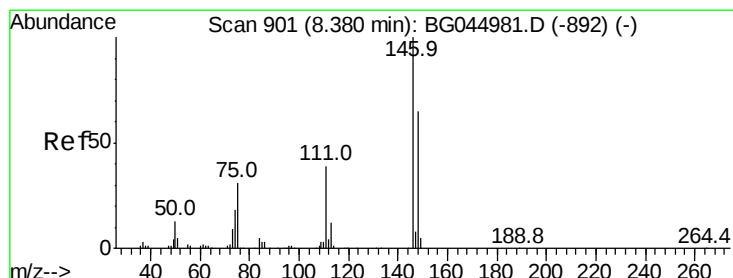
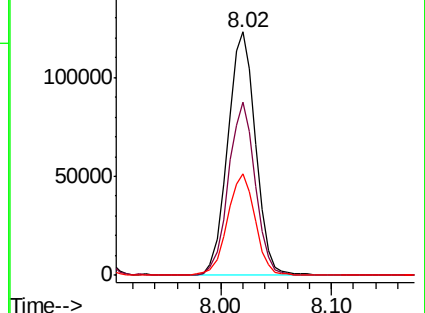
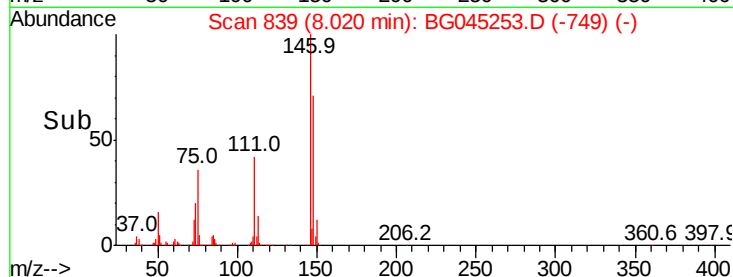
111 41.9 33.8 50.8



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: 43.049 ng

RT: 8.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

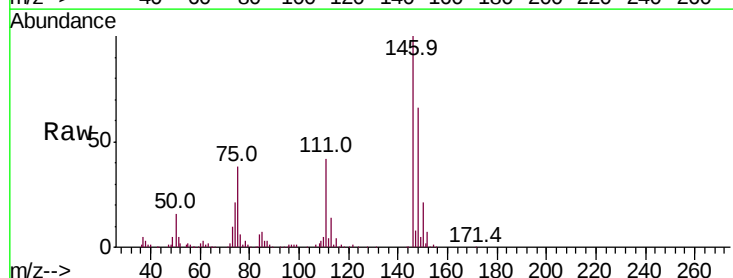
Tgt Ion:146 Resp: 208658

Ion Ratio Lower Upper

146 100

148 66.4 51.9 77.9

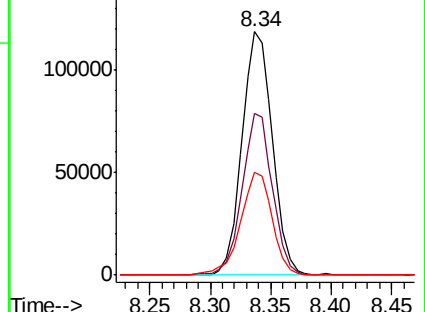
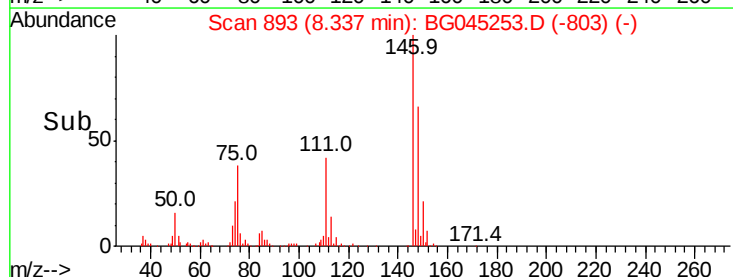
111 42.0 31.3 46.9

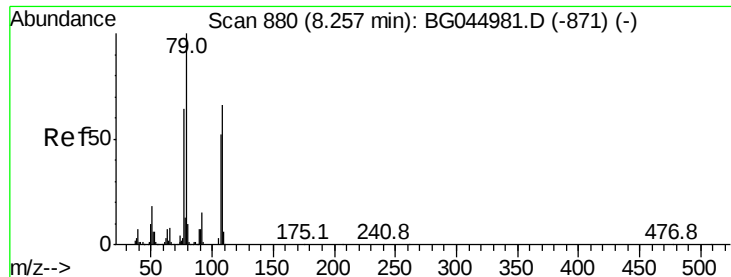


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.672 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

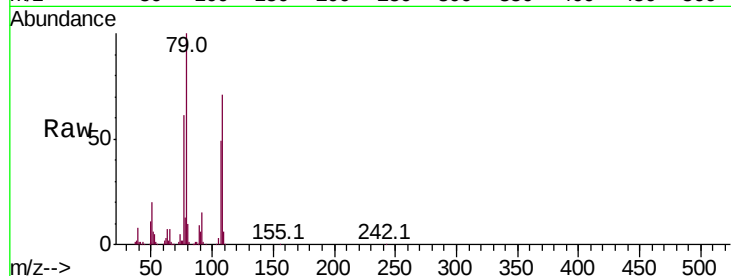
Tot Ion: 79 Resp: 213413

Ion Ratio Lower Upper

79 100

108 71.0 52.7 79.1

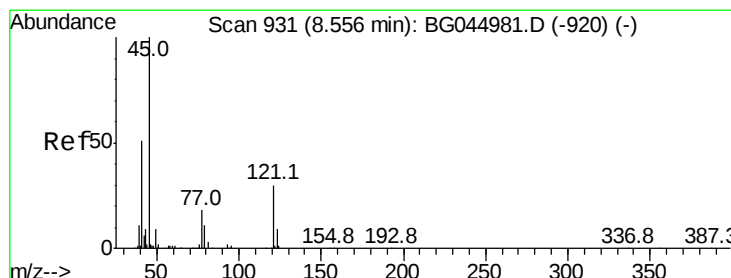
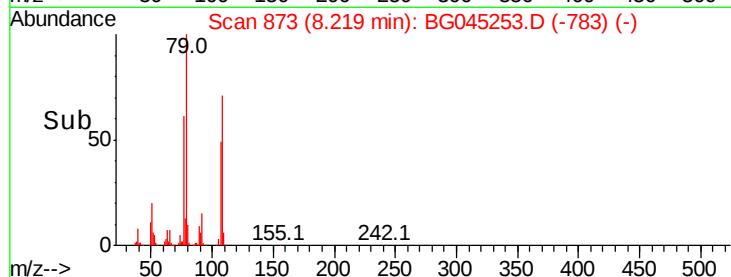
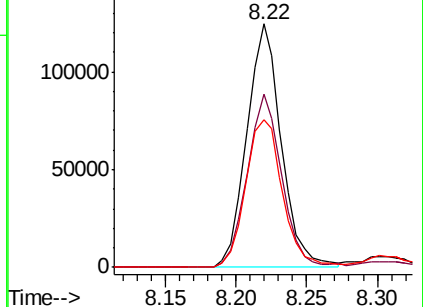
77 60.5 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.850 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

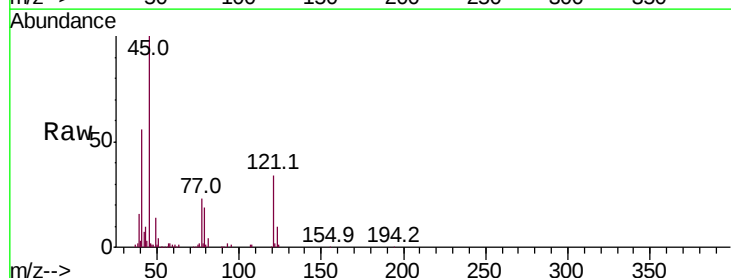
Tgt Ion: 45 Resp: 176576

Ion Ratio Lower Upper

45 100

77 22.9 1.9 41.9

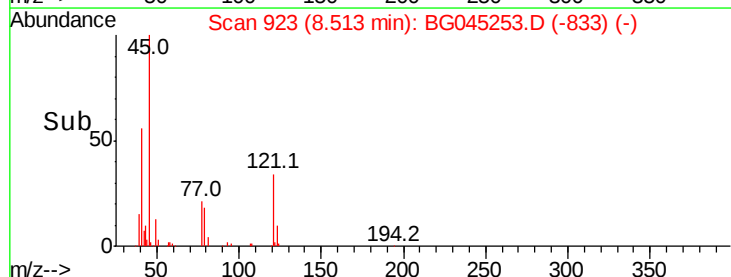
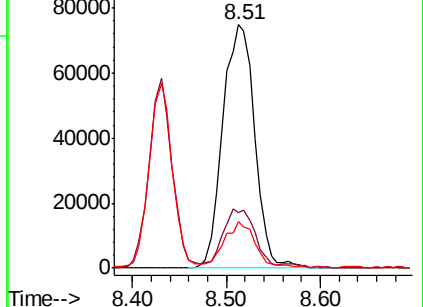
79 19.2 0.0 35.5

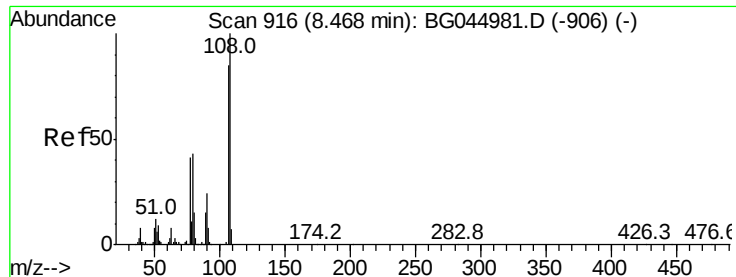


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.531 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

Tot Ion:107 Resp: 191270

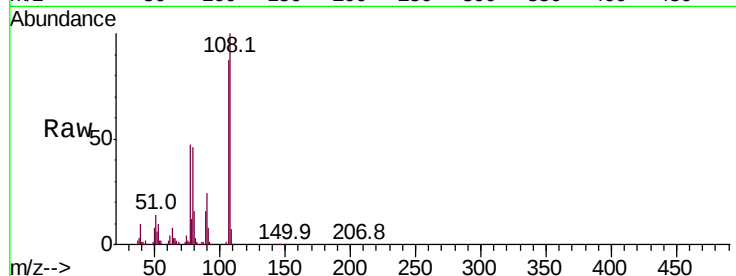
Ion Ratio Lower Upper

107 100

108 114.5 93.8 140.6

77 53.4 38.5 57.7

79 52.2 40.1 60.1

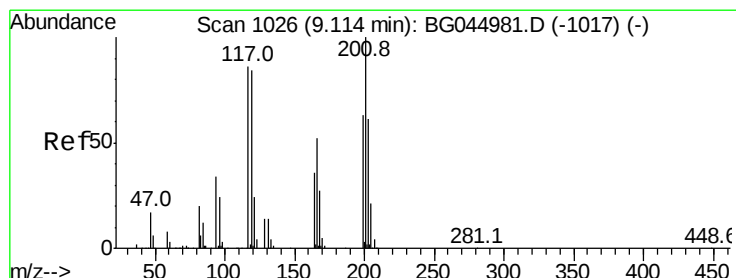
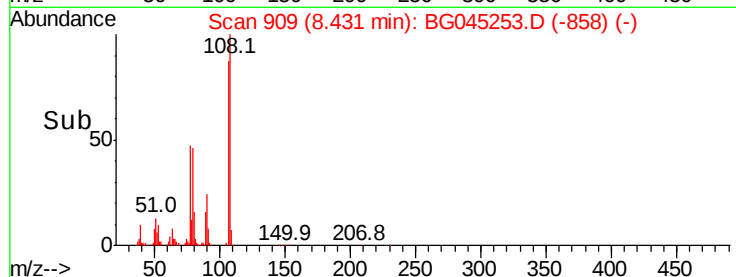
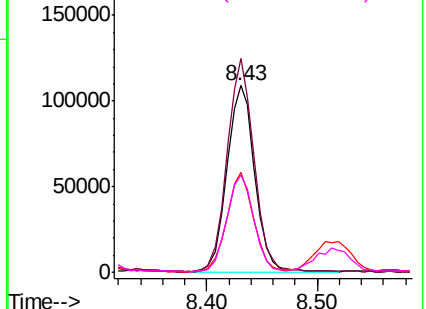


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.128 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

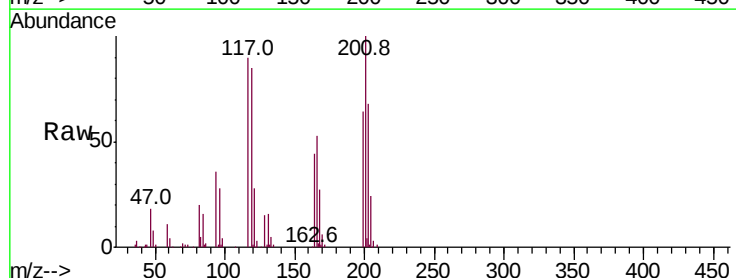
Tgt Ion:117 Resp: 84047

Ion Ratio Lower Upper

117 100

119 93.8 78.3 117.5

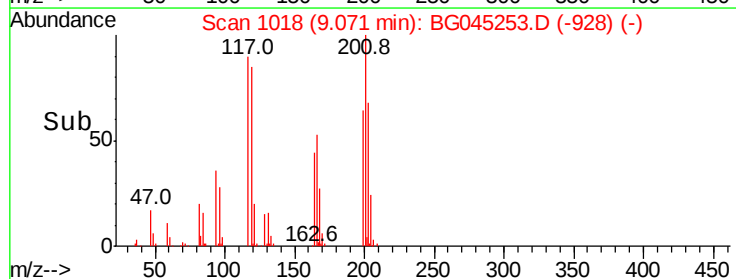
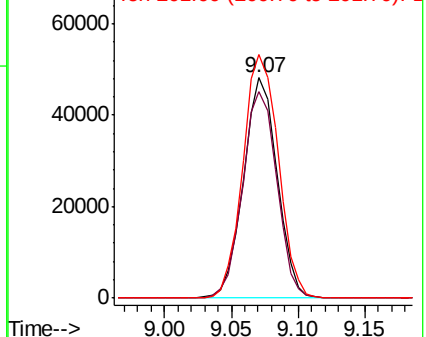
201 110.5 92.9 139.3

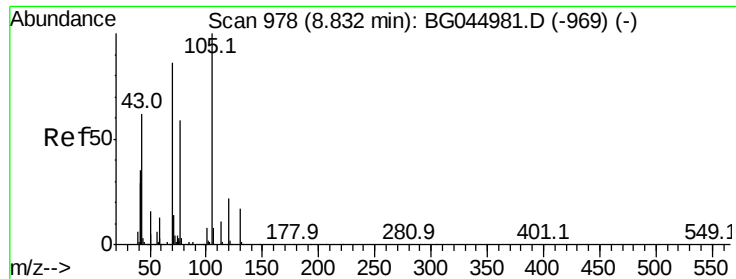


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

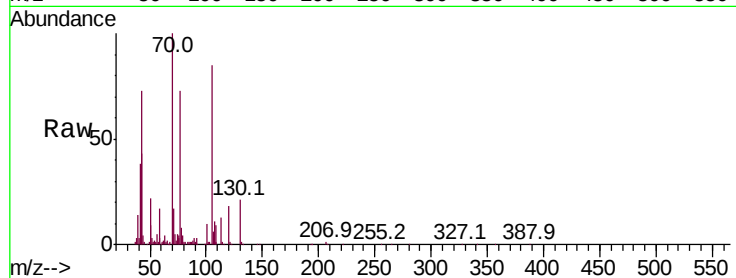




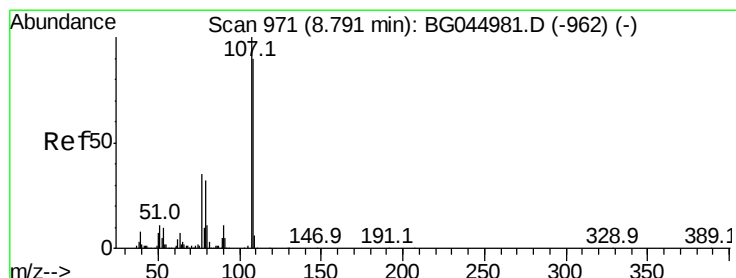
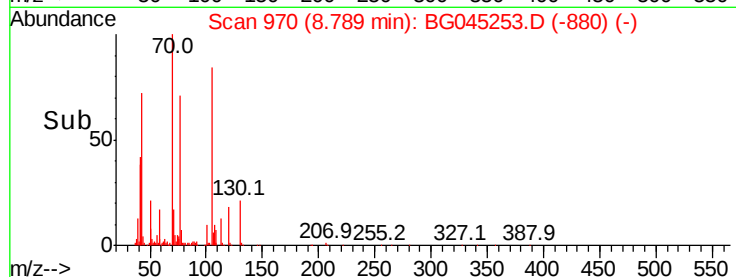
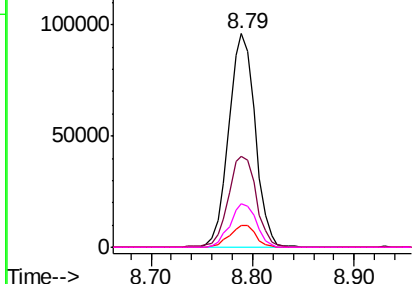
#19
n-Nitroso-di-n-propylamine
Concen: 41.160 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion:	70	Resp:	173632
Ion	Ratio	Lower	Upper
70	100		
42	42.6	33.3	49.9
101	10.2	7.8	11.8
130	20.5	15.8	23.6

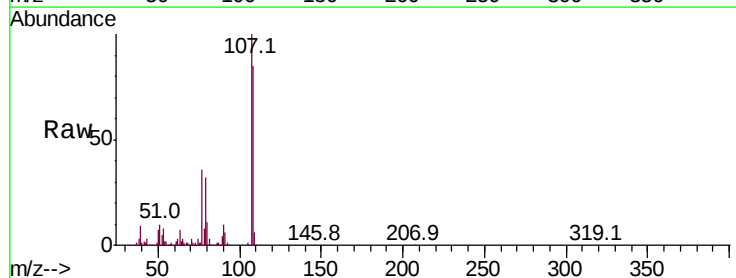


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

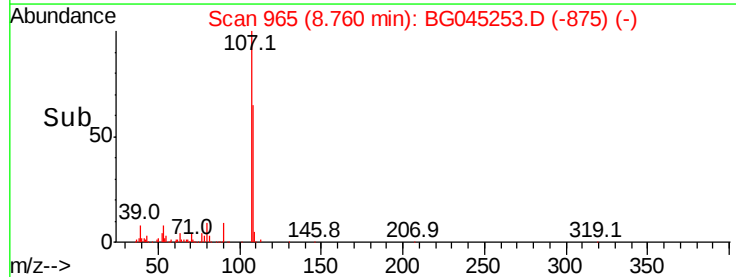
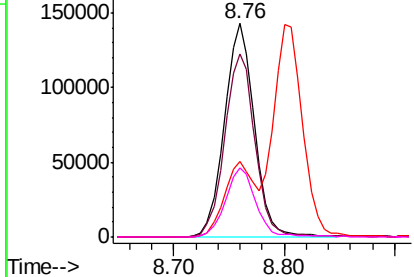


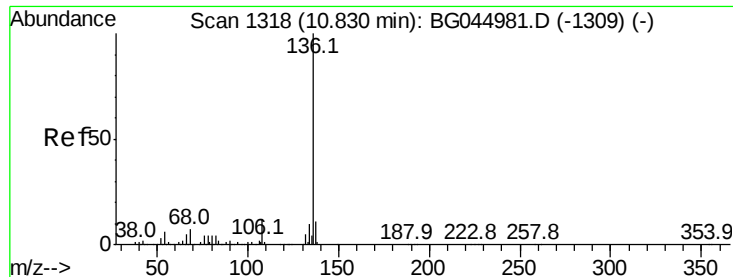
#20
3+4-Methylphenols
Concen: 42.034 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:	107	Resp:	270962
Ion	Ratio	Lower	Upper
107	100		
108	85.5	69.9	109.9
77	35.6	15.2	55.2
79	32.2	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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

Tot Ion:136 Resp: 269783

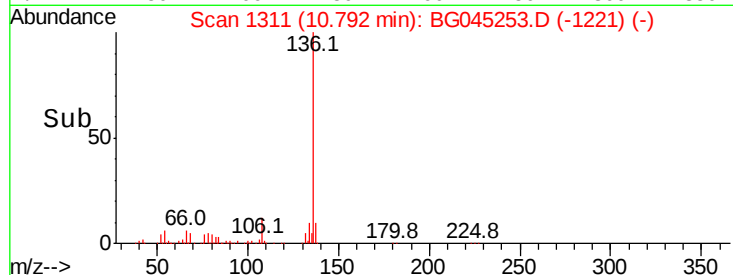
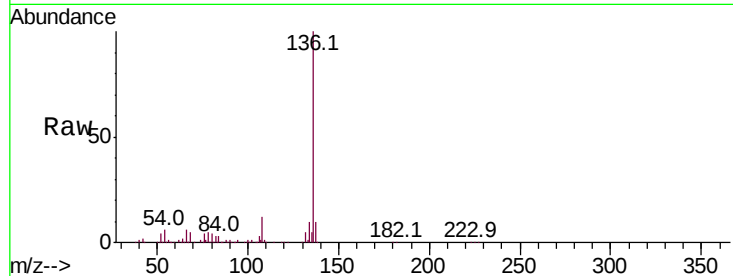
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.7 4.8 7.2

68 5.3 5.2 7.8

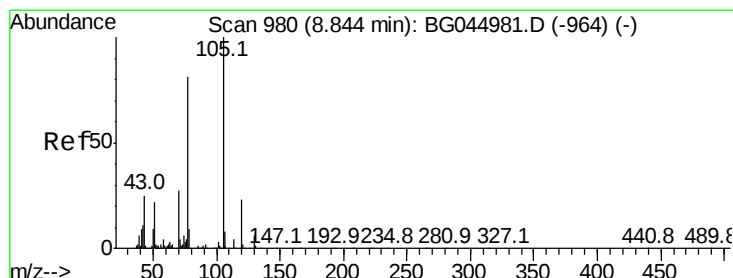
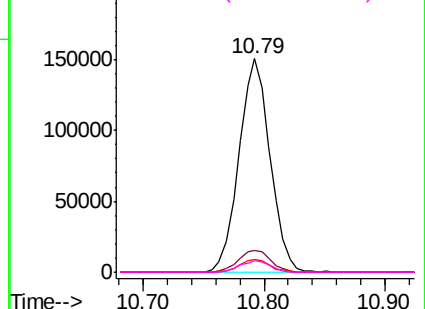


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.816 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Tgt Ion:105 Resp: 319667

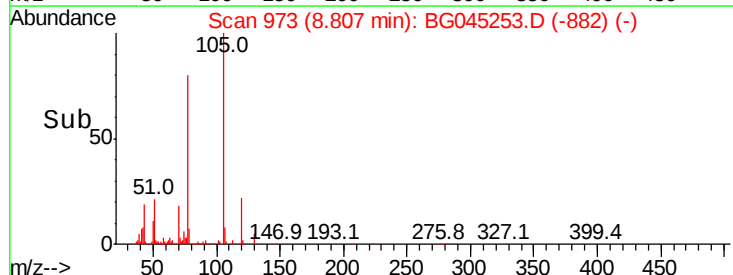
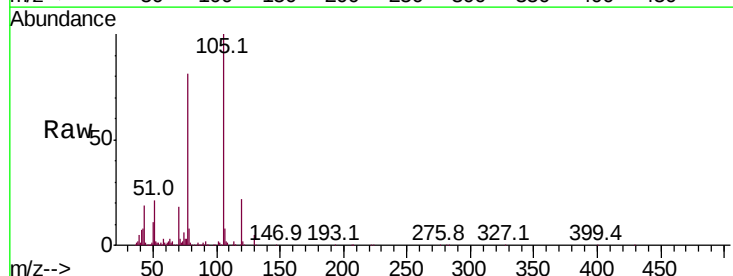
Ion Ratio Lower Upper

105 100

71 3.2 3.3 4.9#

51 20.8 17.3 25.9

120 21.6 18.4 27.6

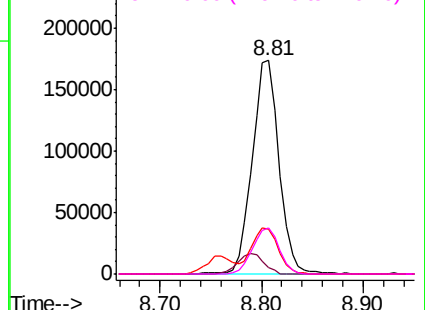


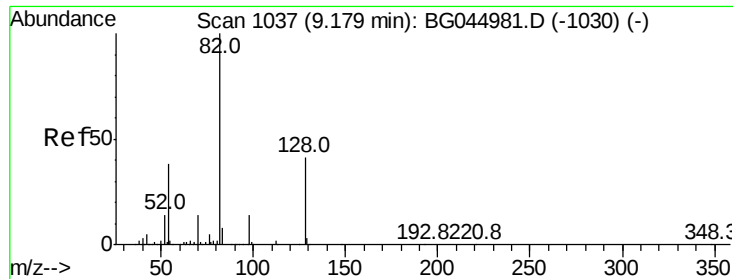
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.362 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

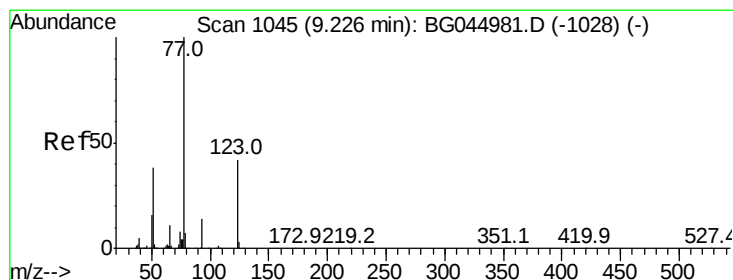
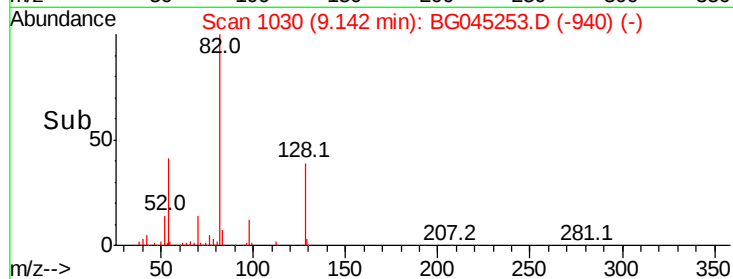
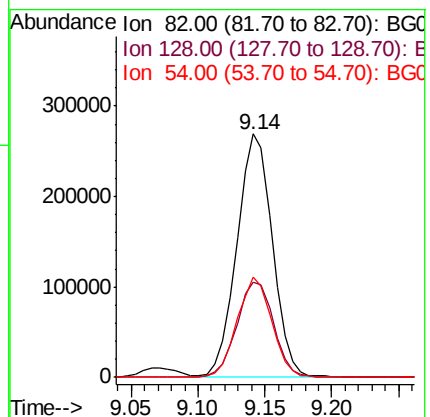
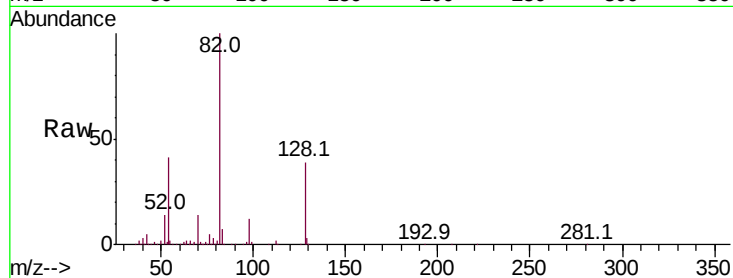
Tot Ion: 82 Resp: 492883

Ion Ratio Lower Upper

82 100

128 39.2 33.0 49.4

54 41.0 30.4 45.6



#24

Nitrobenzene

Concen: 43.317 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

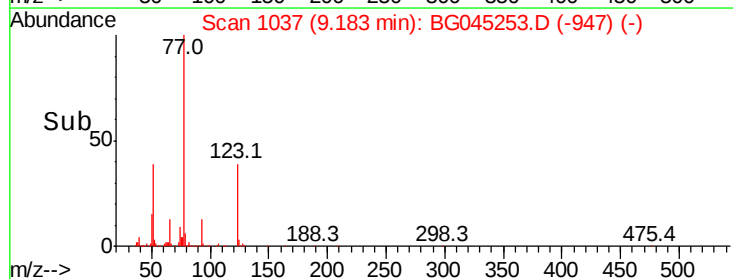
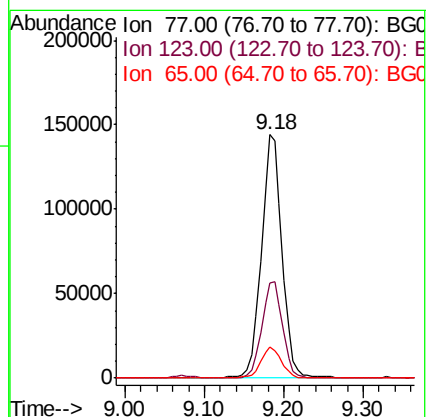
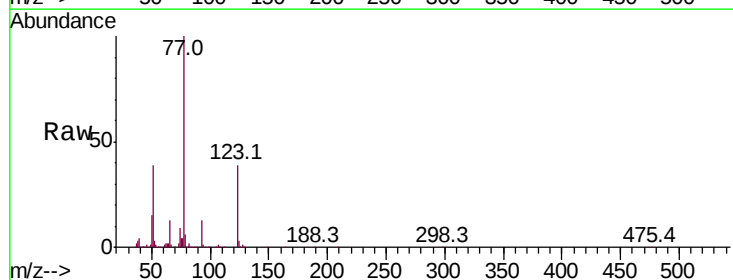
Tgt Ion: 77 Resp: 262526

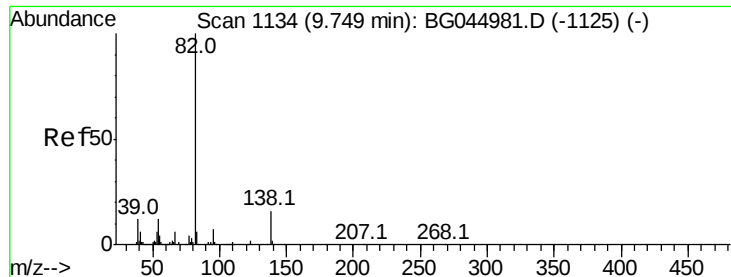
Ion Ratio Lower Upper

77 100

123 39.1 34.3 51.5

65 12.9 8.9 13.3





#25

Isophorone

Concen: 40.545 ng

RT: 9.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

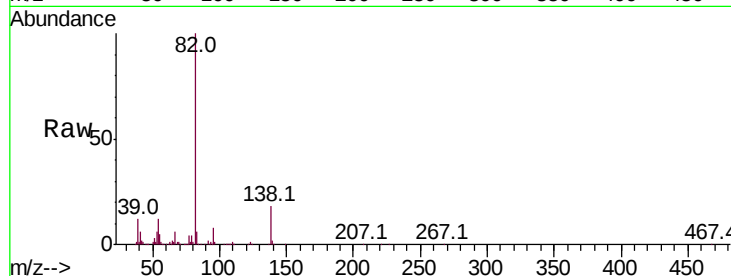
Tot Ion: 82 Resp: 490920

Ion Ratio Lower Upper

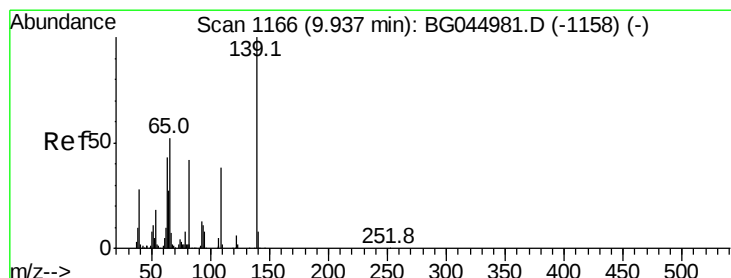
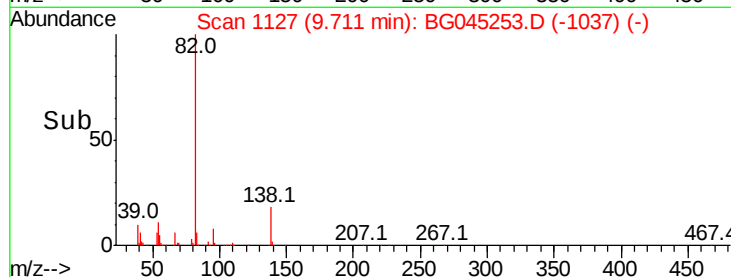
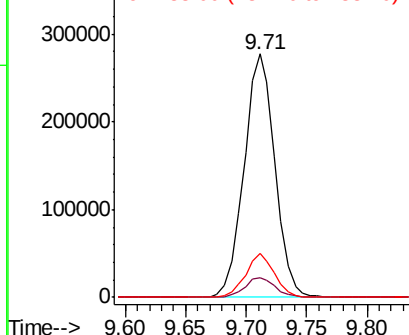
82 100

95 8.2 6.0 9.0

138 17.8 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: 47.004 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

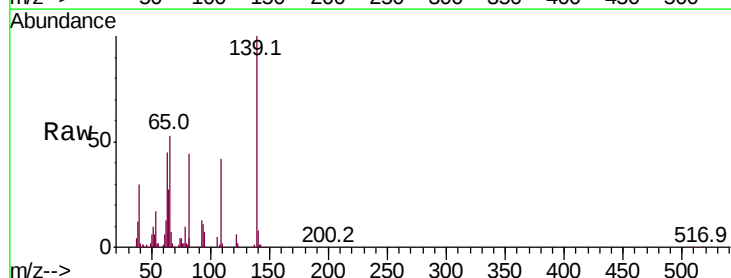
Tgt Ion: 139 Resp: 122709

Ion Ratio Lower Upper

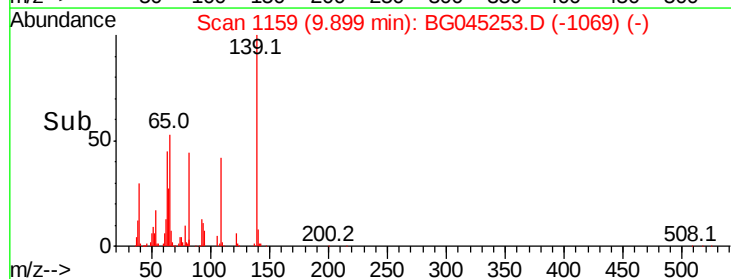
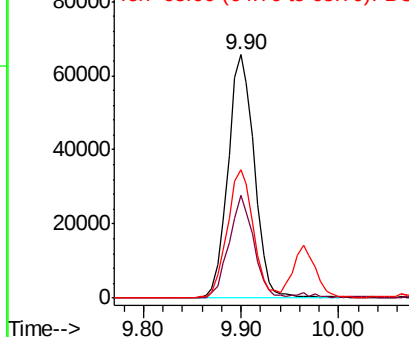
139 100

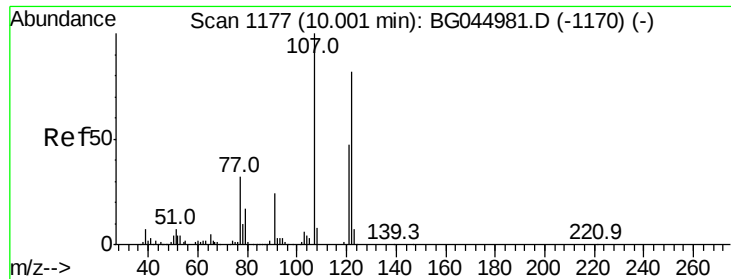
109 42.2 30.6 45.8

65 52.7 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

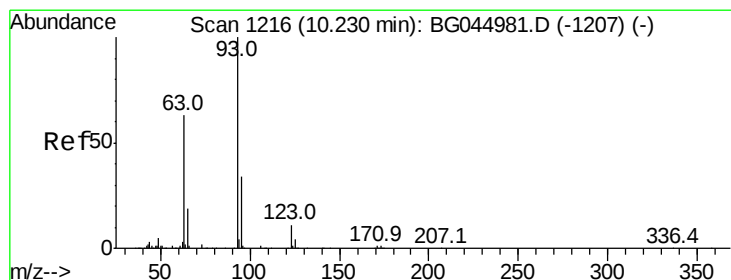
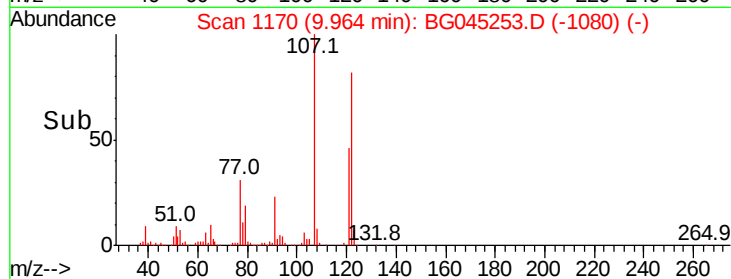
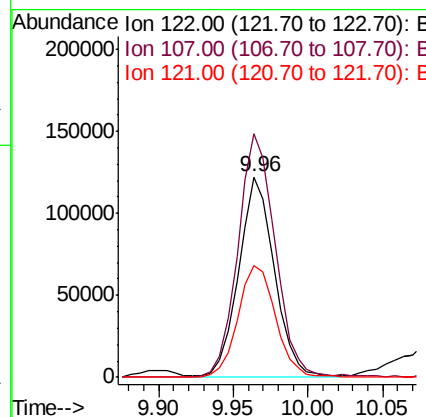
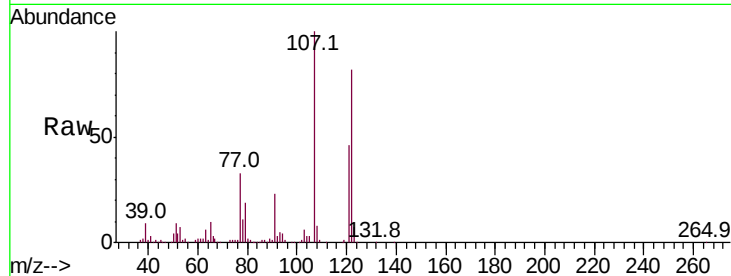




#27
 2,4-Dimethylphenol
 Concen: 48.602 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

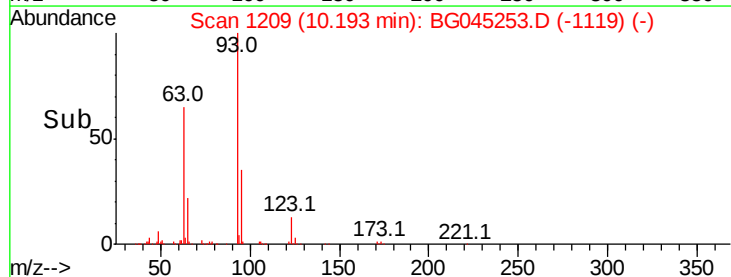
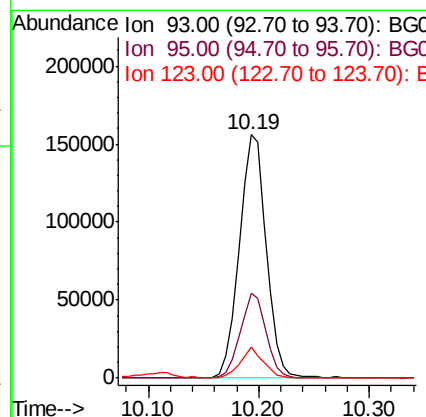
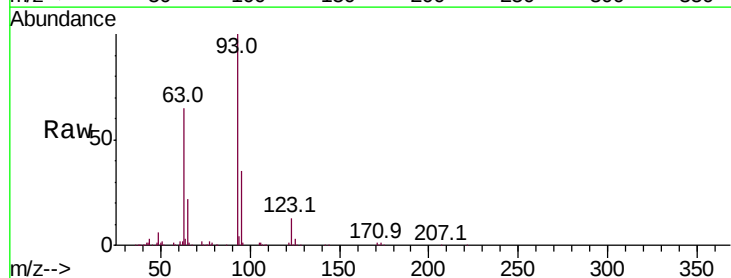
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BSD

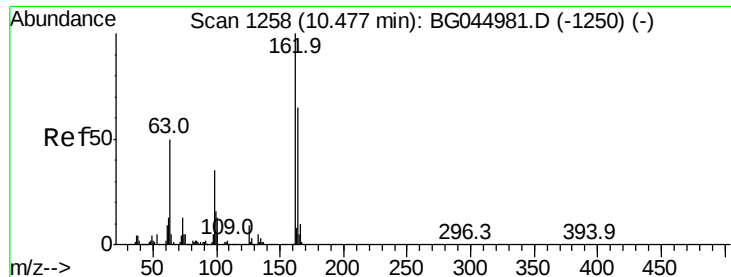
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	96.8	145.2
121	55.7	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.835 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	27.0	40.4
123	12.8	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 46.544 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

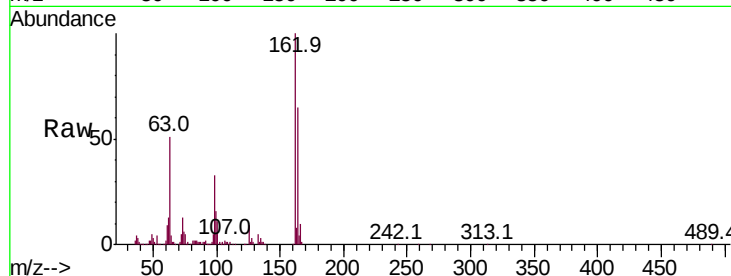
Tot Ion:162 Resp: 222619

Ion Ratio Lower Upper

162 100

164 65.2 45.0 85.0

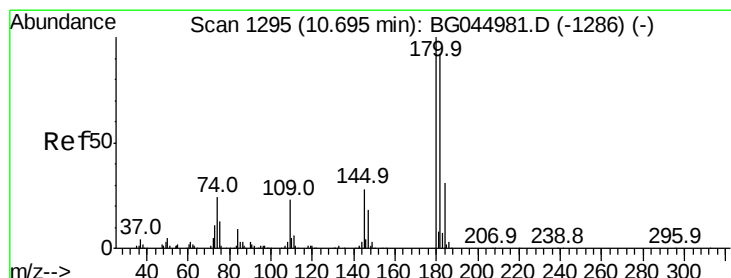
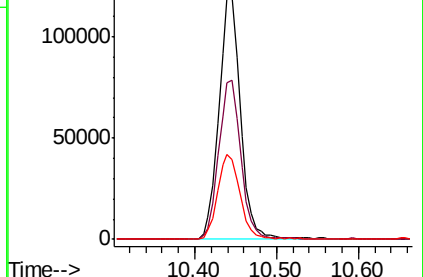
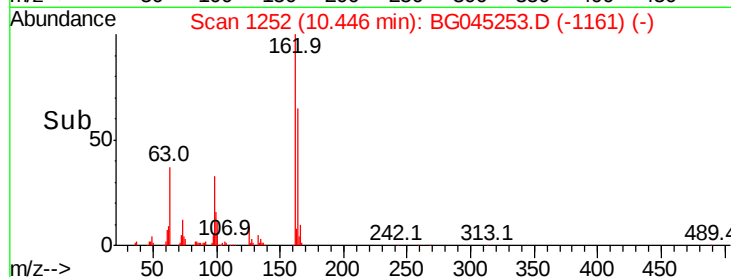
98 32.7 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.241 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

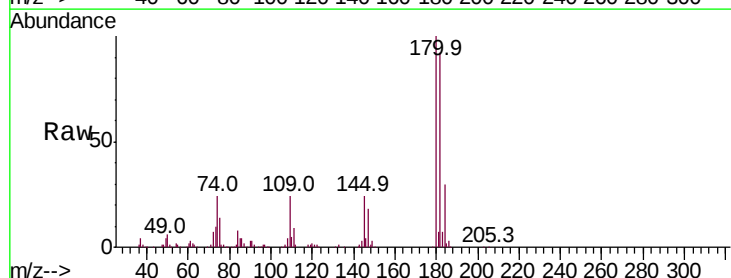
Tgt Ion:180 Resp: 234164

Ion Ratio Lower Upper

180 100

182 91.6 73.3 109.9

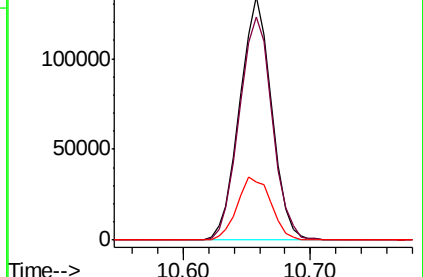
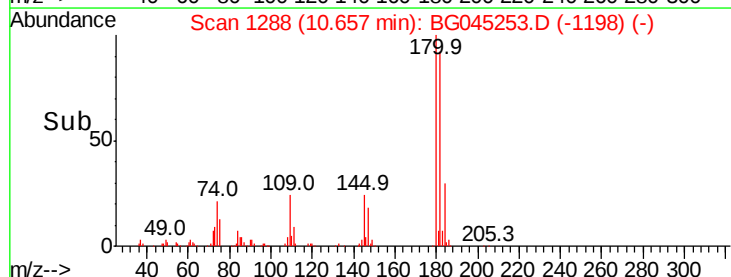
145 23.6 22.6 33.8

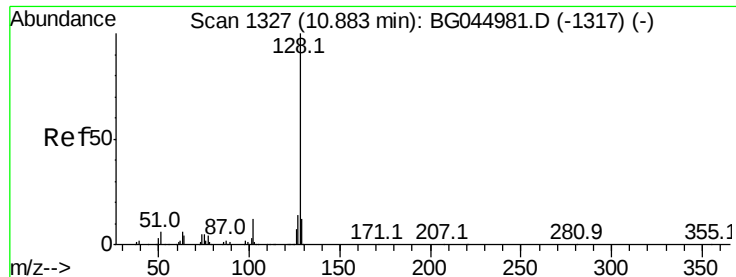


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.595 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

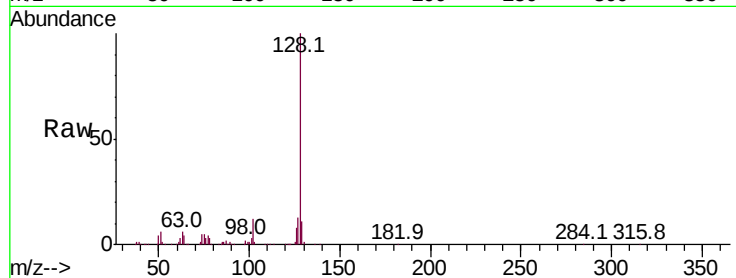
BNA_G

ClientSampleId :

PB128670BSD

Tot Ion:128 Resp: 643397

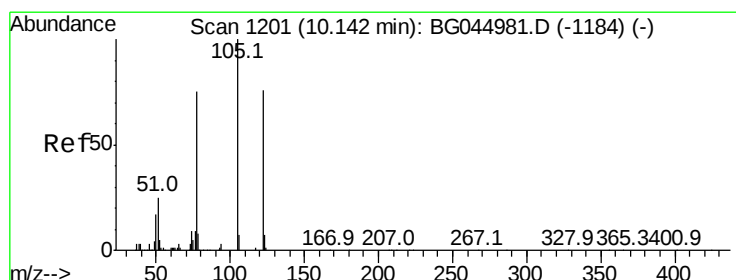
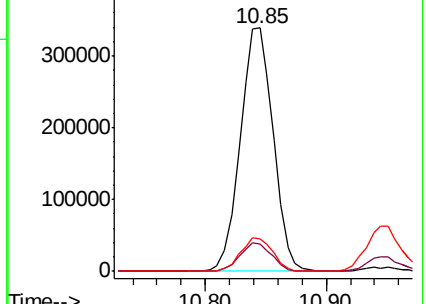
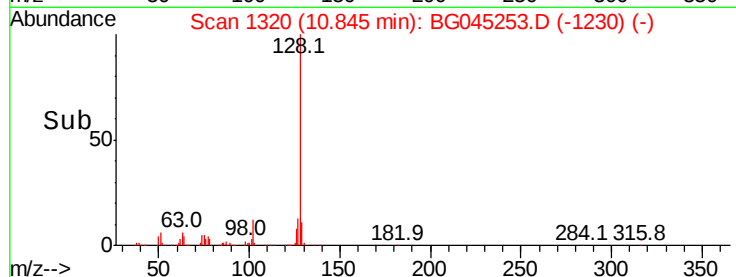
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.5	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.424 ng

RT: 10.11 min Scan# 1195

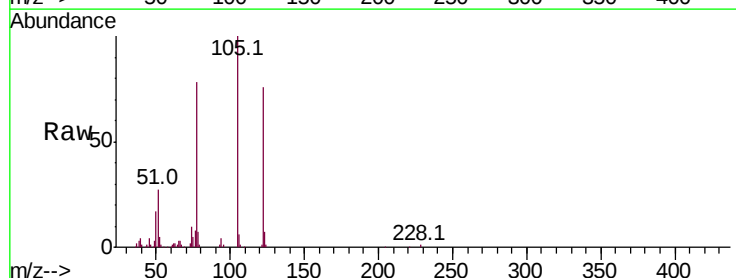
Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Tgt Ion:122 Resp: 123670

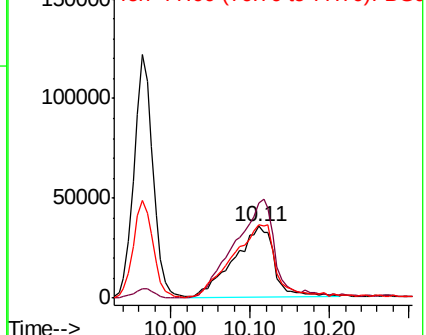
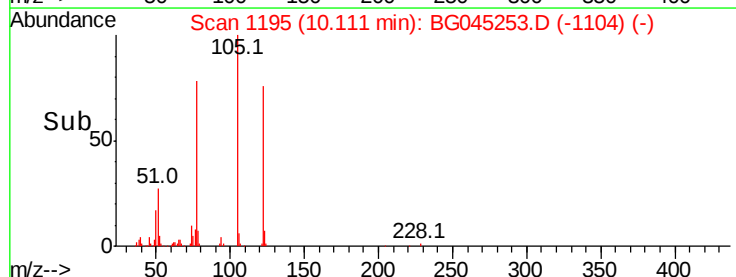
Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.4	148.4
77	103.3	78.8	118.8

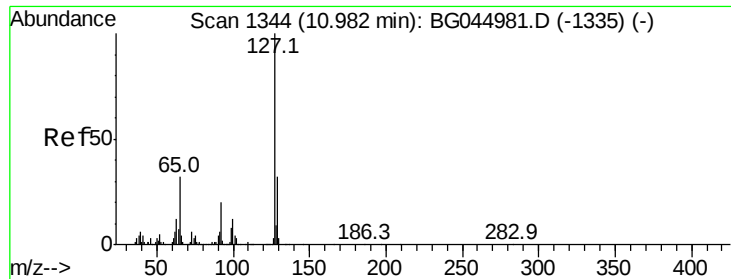


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

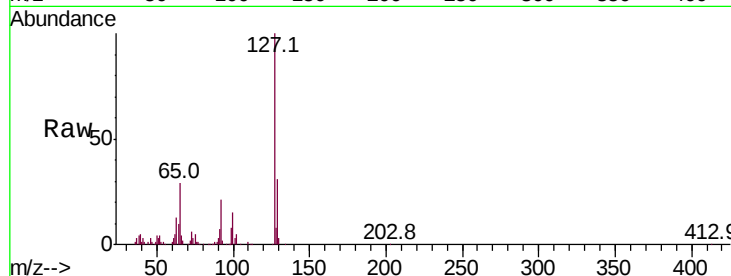




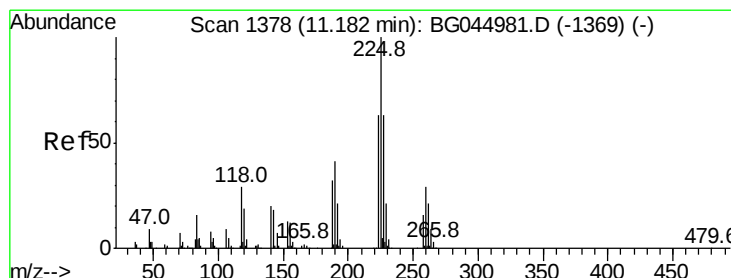
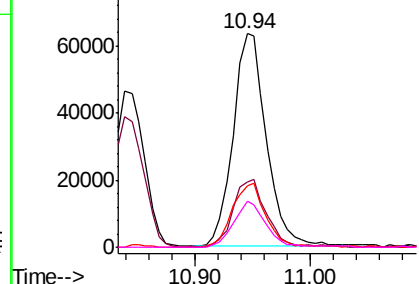
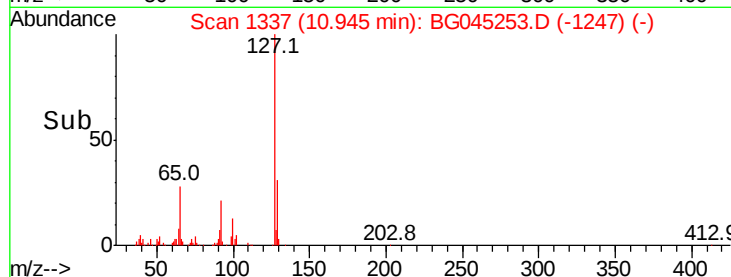
#33
4-Chloroaniline
Concen: 18.430 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion:127 Resp: 126854
Ion Ratio Lower Upper
127 100
129 30.8 25.7 38.5
65 28.6 25.4 38.2
92 21.4 16.1 24.1

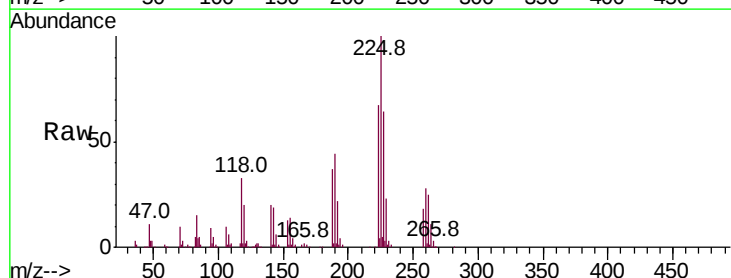


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

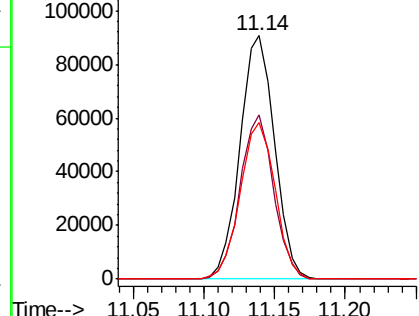
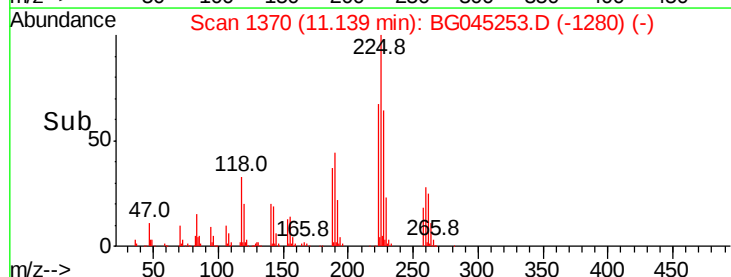


#34
Hexachlorobutadiene
Concen: 41.929 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:225 Resp: 155676
Ion Ratio Lower Upper
225 100
223 67.4 50.7 76.1
227 64.4 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.299 ng

RT: 11.71 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

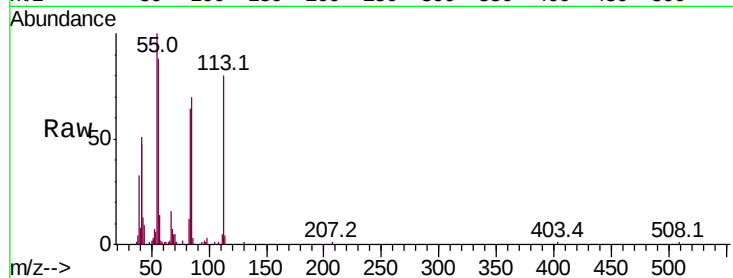
Tot Ion:113 Resp: 40545

Ion Ratio Lower Upper

113 100

55 125.6 118.8 158.8

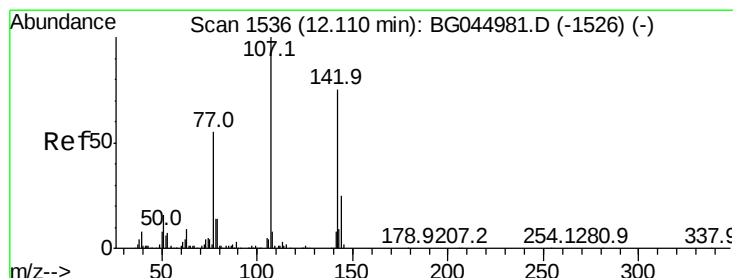
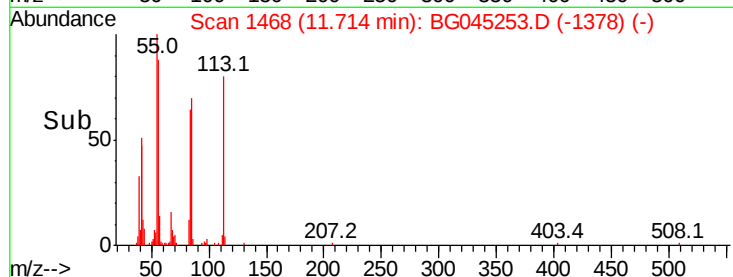
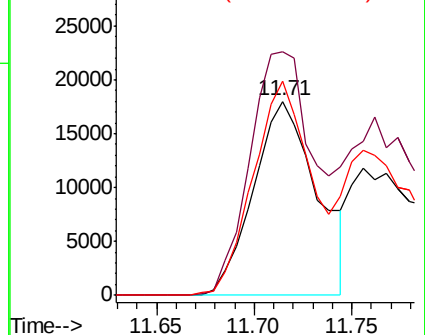
56 110.5 82.6 122.6



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: 45.362 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

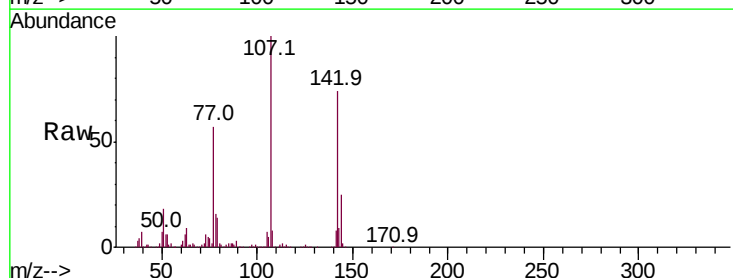
Tgt Ion:107 Resp: 254879

Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.6

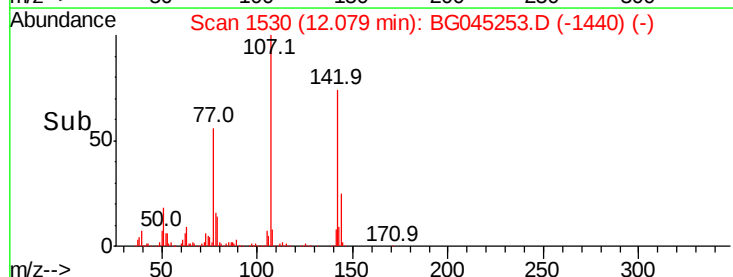
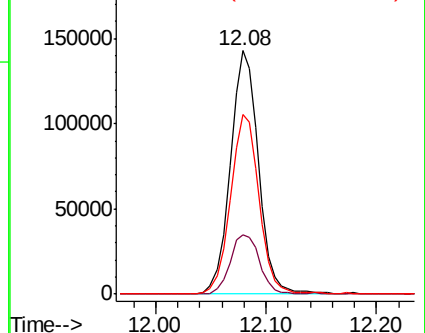
142 74.0 59.7 89.5

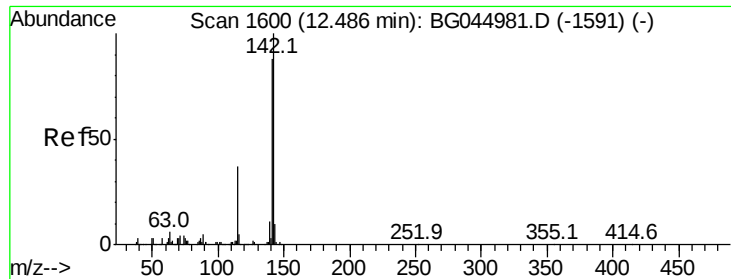


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

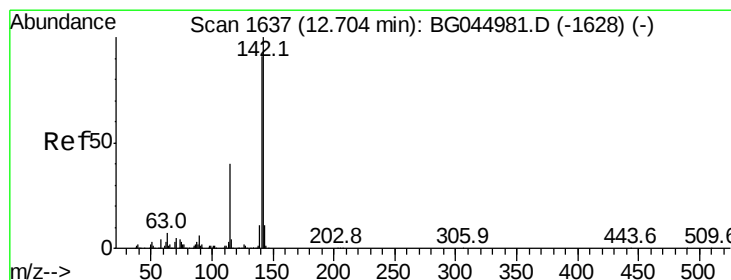
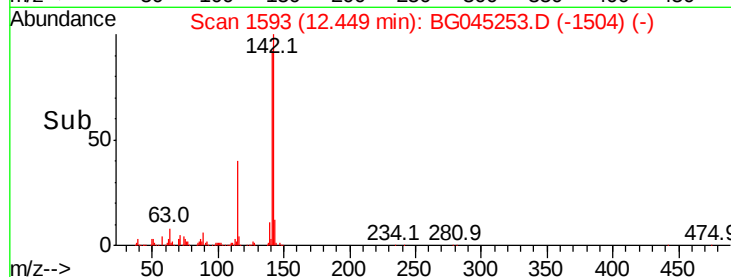
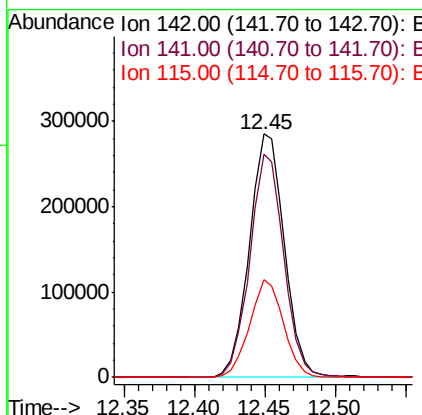
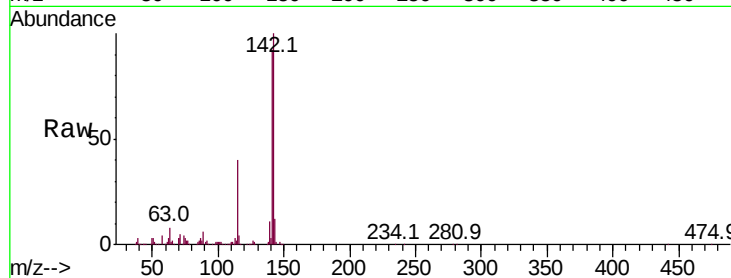




#37
2-Methylnaphthalene
Concen: 43.173 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

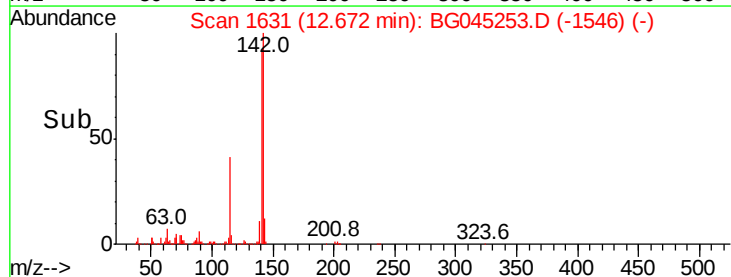
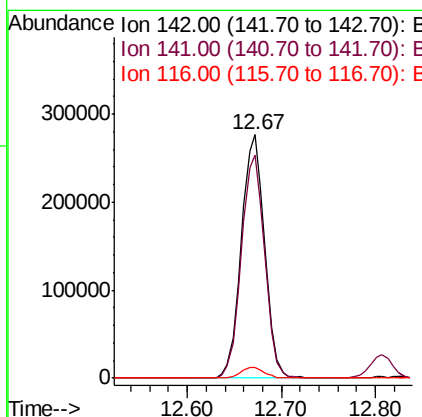
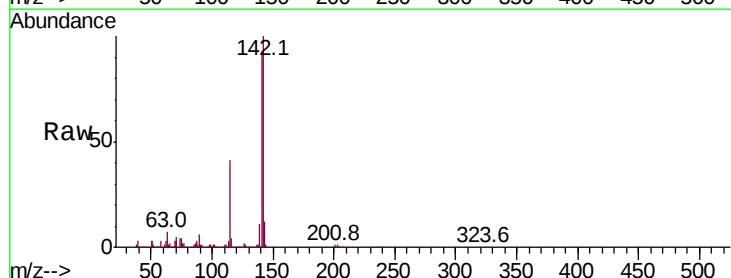
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

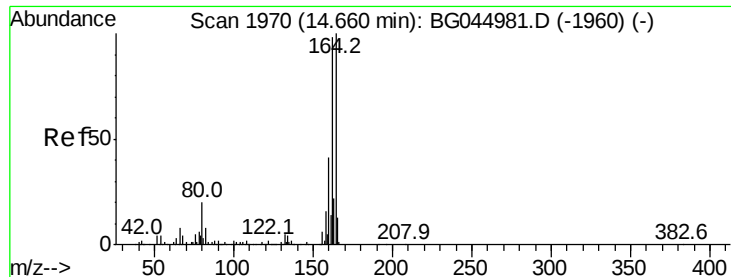
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.3	105.5
115	39.9	29.8	44.6



#38
1-Methylnaphthalene
Concen: 43.572 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

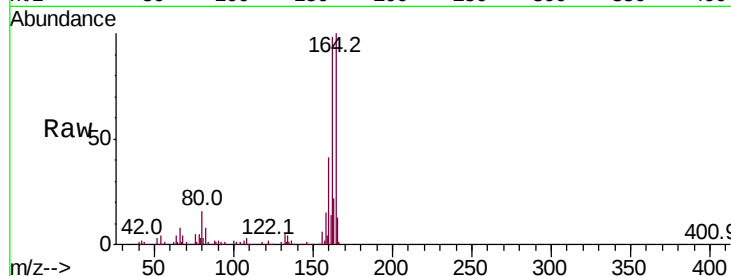
Tot Ion:164 Resp: 201077

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

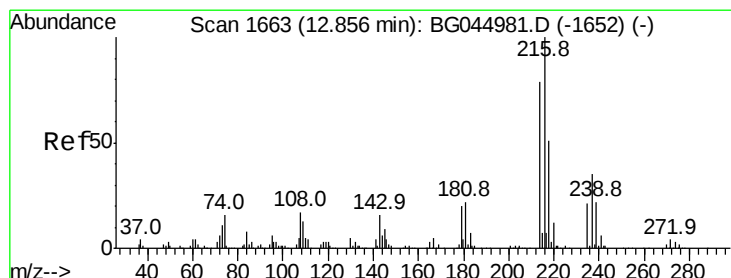
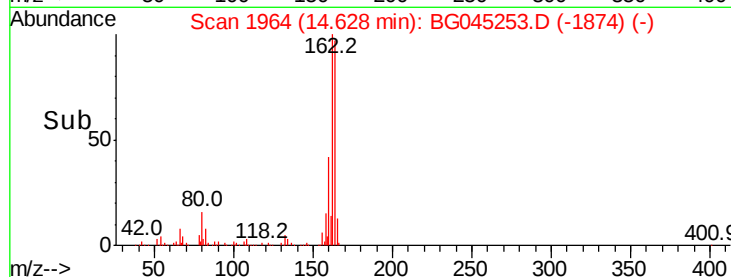
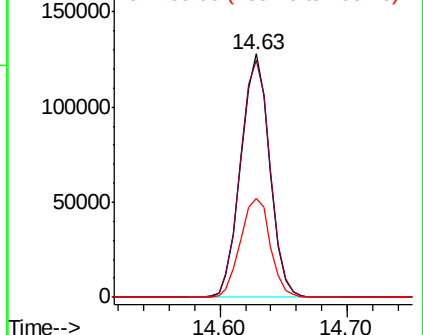
160 40.8 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.902 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Tgt Ion:216 Resp: 277753

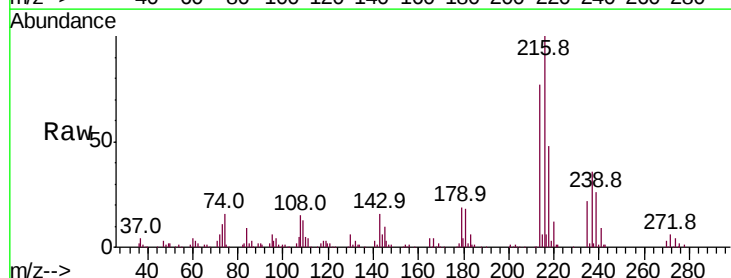
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.6

179 20.0 15.8 23.8

108 19.7 14.2 21.2

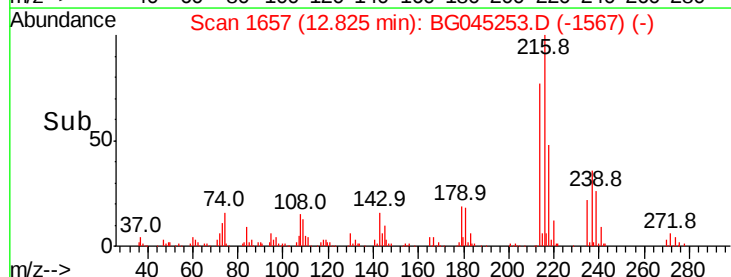
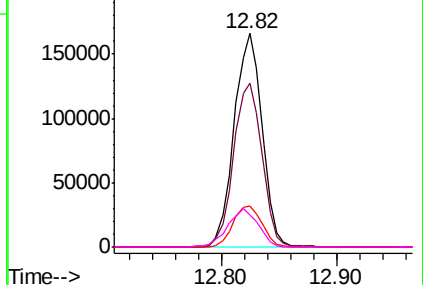


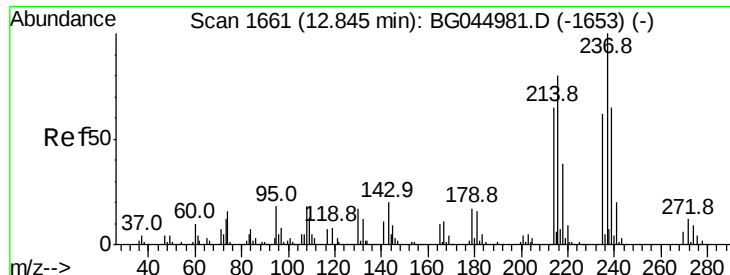
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.497 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

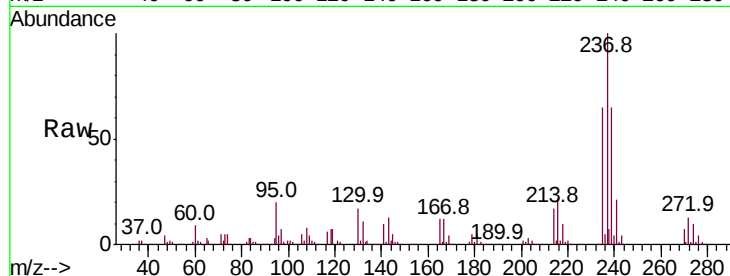
Tot Ion:237 Resp: 394514

Ion Ratio Lower Upper

237 100

235 64.6 41.6 81.6

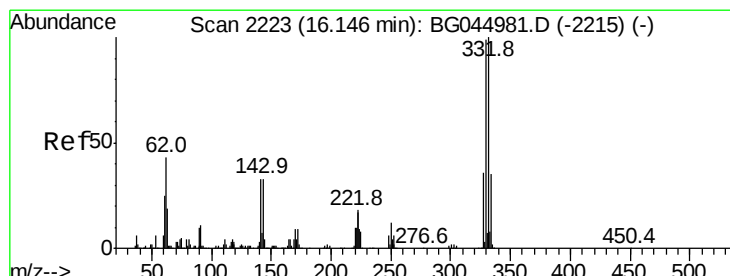
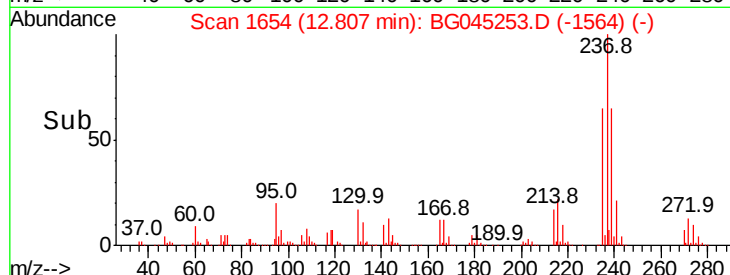
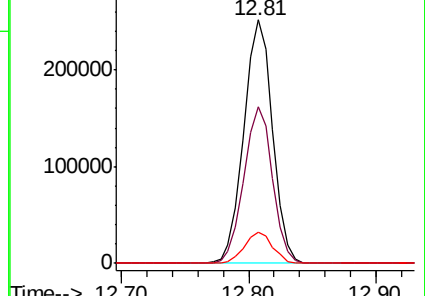
272 13.0 0.0 32.1



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: 125.622 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

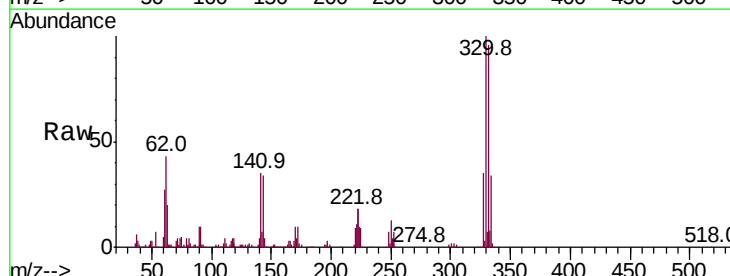
Tgt Ion:330 Resp: 390229

Ion Ratio Lower Upper

330 100

332 97.3 79.1 118.7

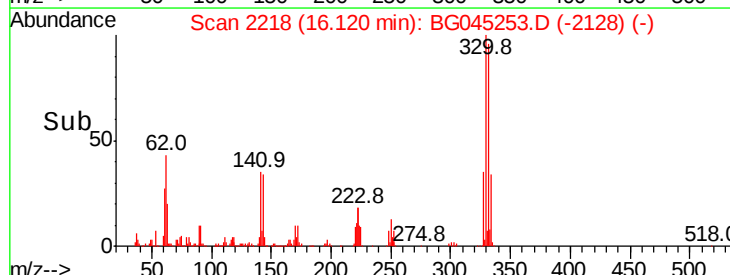
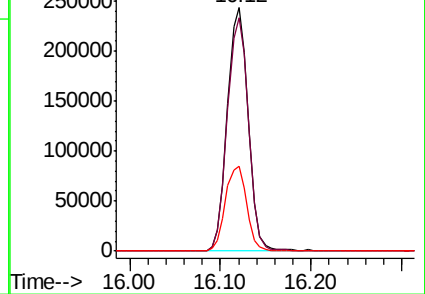
141 35.7 27.1 40.7

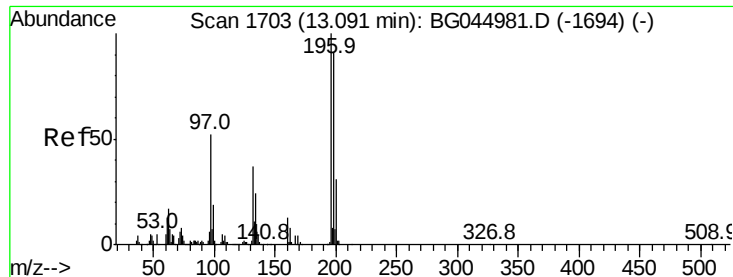


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

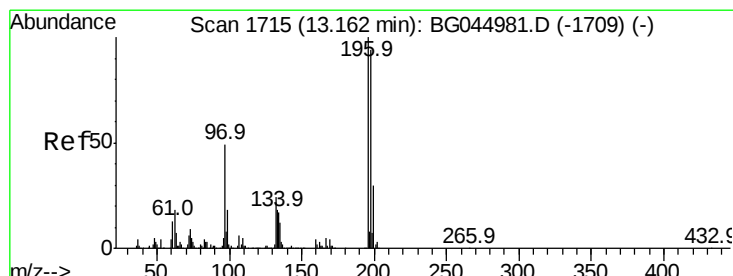
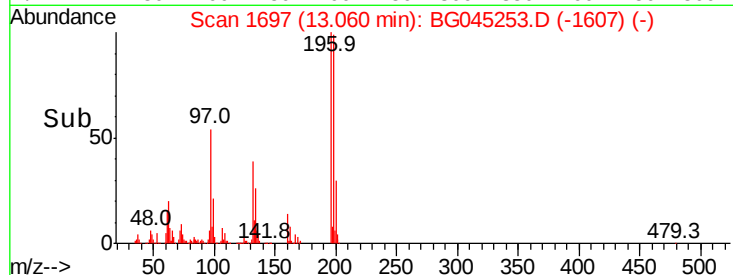
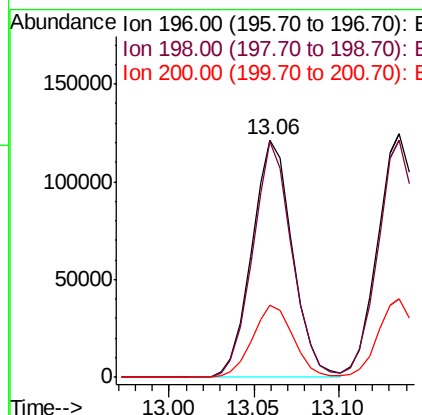
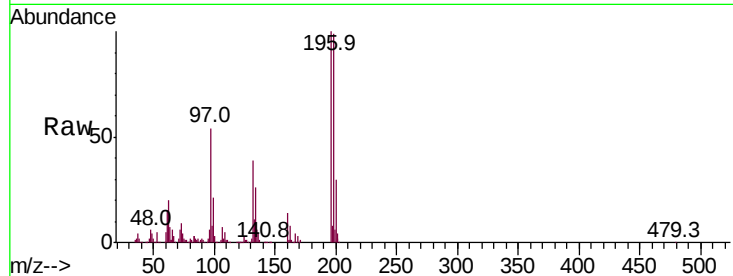




#43
2,4,6-Trichlorophenol
Concen: 44.061 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

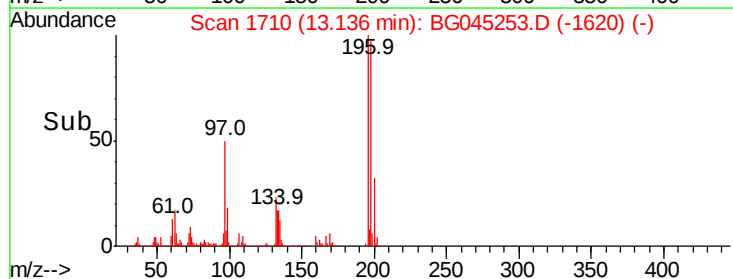
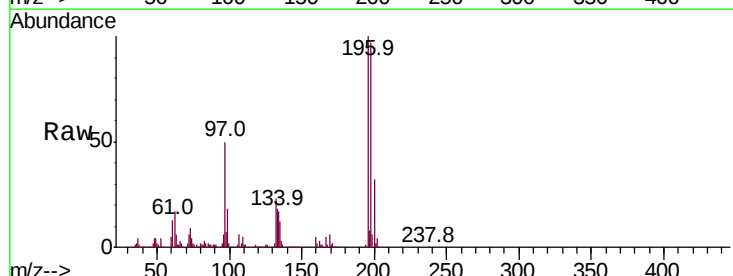
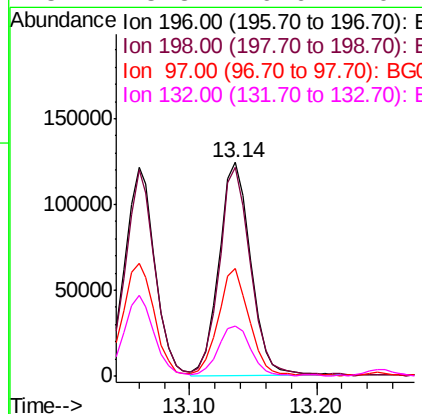
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

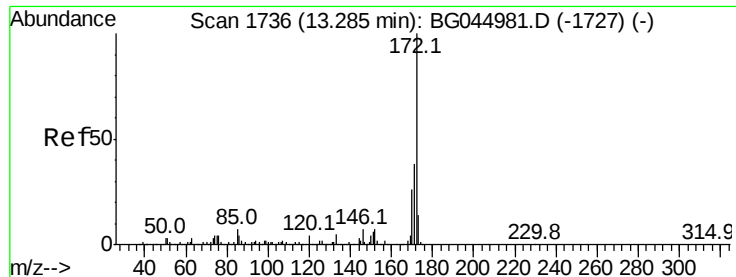
Tot Ion	196	Resp	201323
Ion Ratio	Lower	Upper	
196	100		
198	99.1	72.5	108.7
200	30.4	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 41.524 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion	196	Resp	215964
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	50.3	39.6	59.4
132	23.3	19.6	29.4

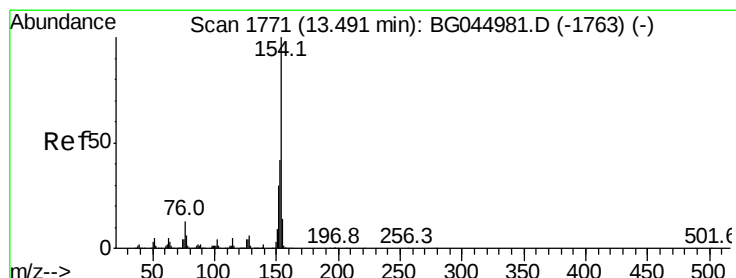
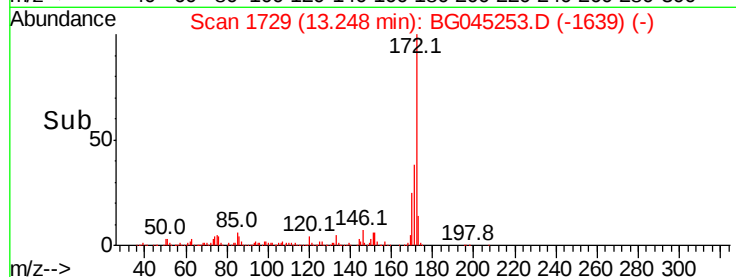
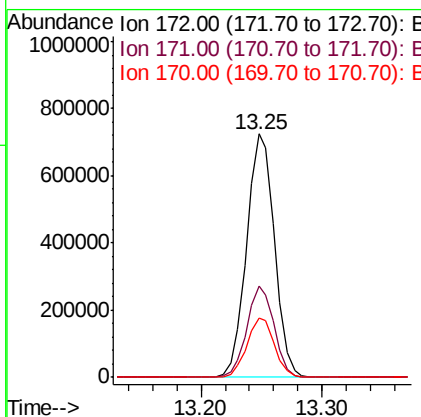
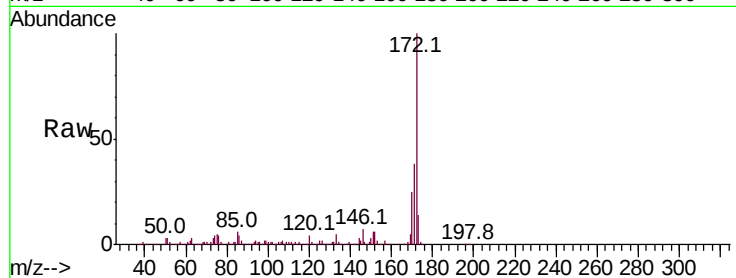




#45
2-Fluorobiphenyl
Concen: 85.076 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

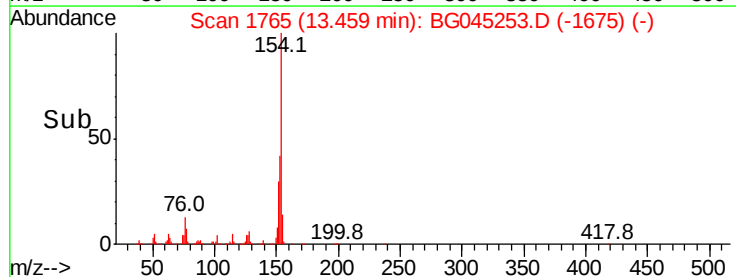
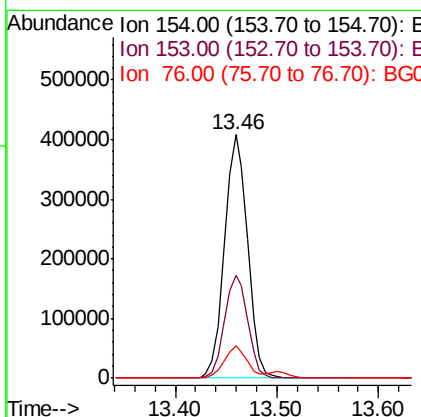
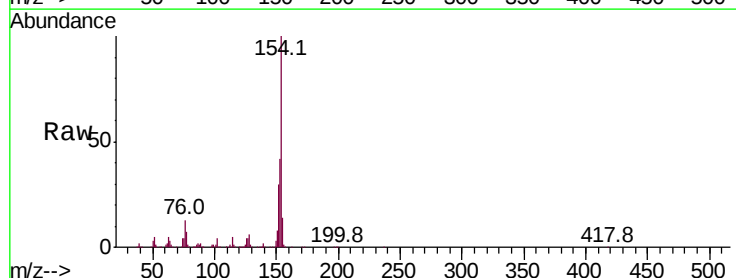
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

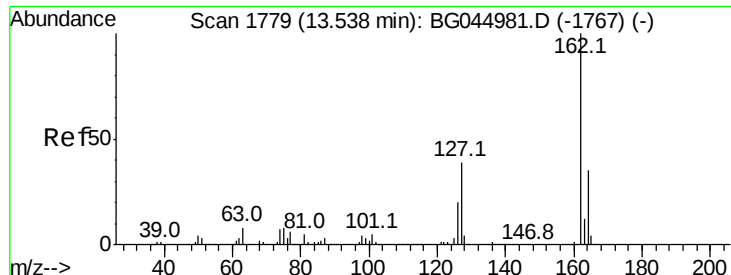
Tot Ion:172 Resp: 1166658
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 24.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 42.075 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:154 Resp: 643047
Ion Ratio Lower Upper
154 100
153 42.2 21.9 61.9
76 13.4 0.0 33.1

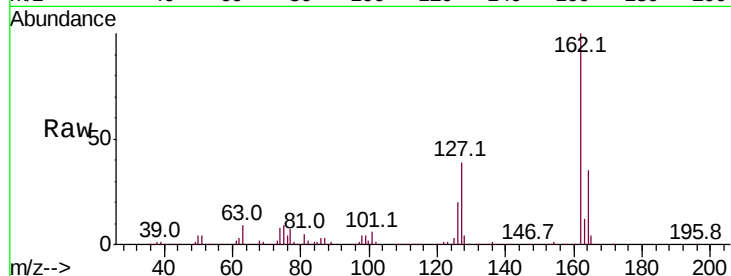




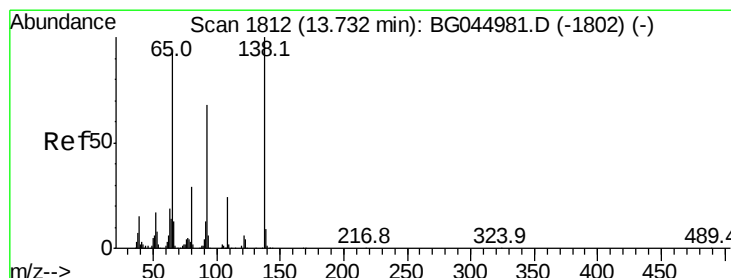
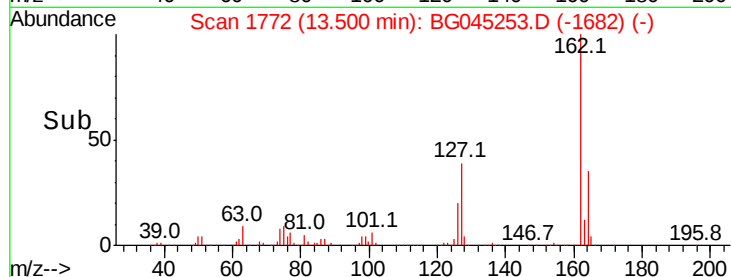
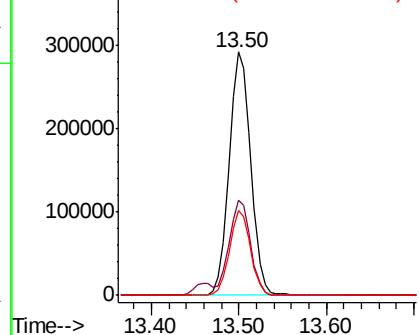
#47
2-Chloronaphthalene
Concen: 42.427 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	35.0	27.8	41.8

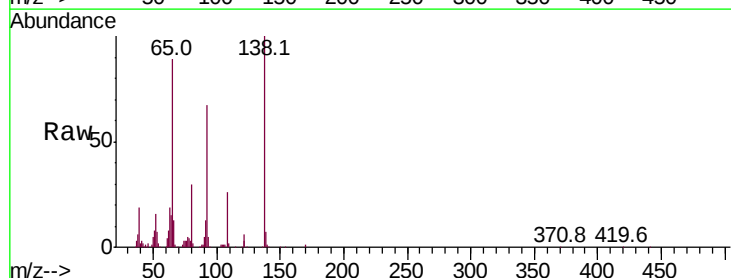


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

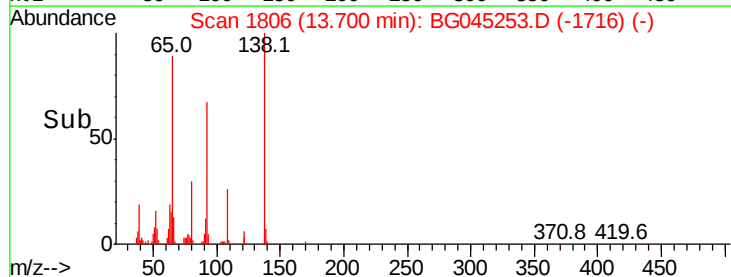
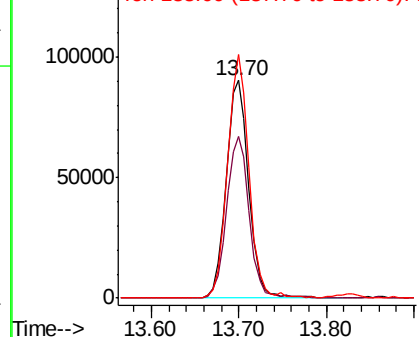


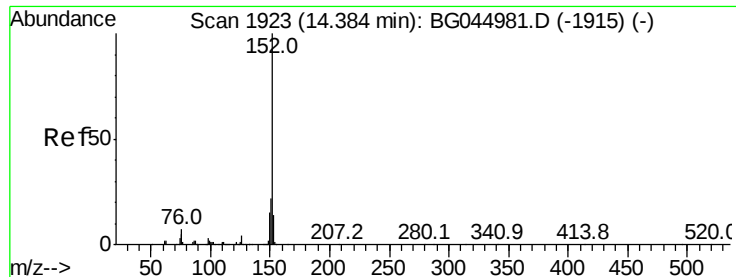
#48
2-Nitroaniline
Concen: 41.618 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.3	87.5
138	112.0	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: 43.213 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

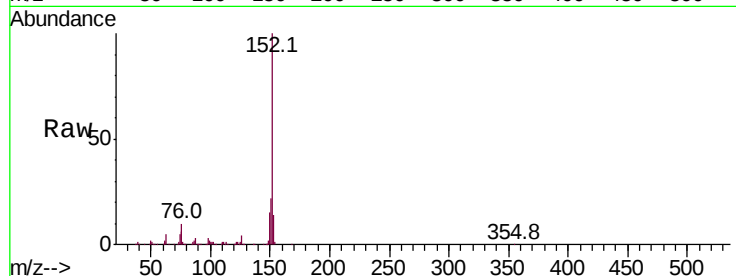
BNA_G

ClientSampleId :

PB128670BSD

Tot Ion:152 Resp: 821990

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.0	11.0	16.4

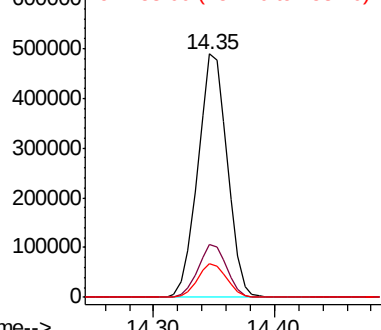


Abundance

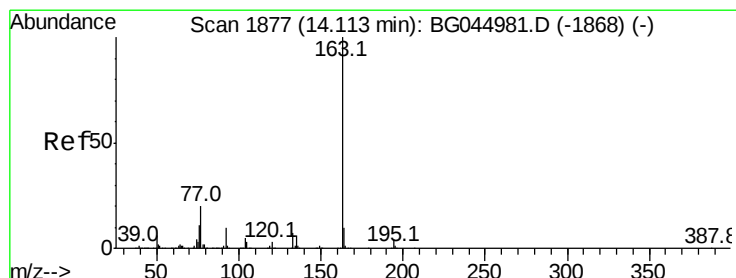
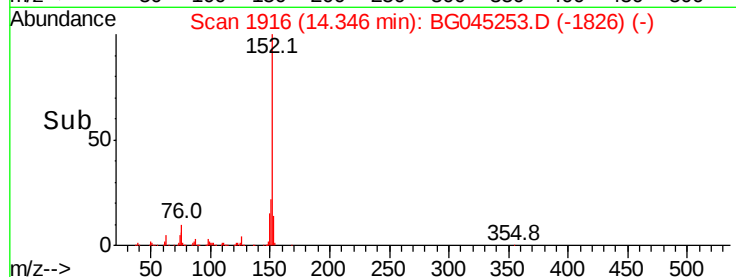
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 41.869 ng

RT: 14.08 min Scan# 1871

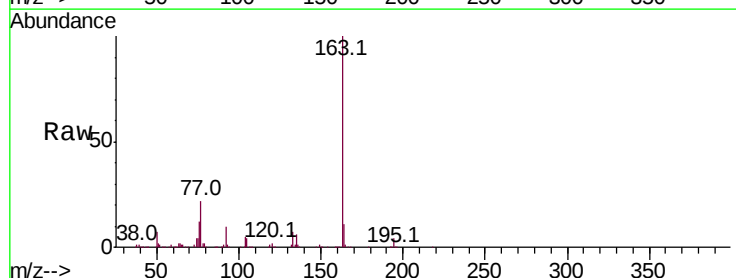
Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Tgt Ion:163 Resp: 685498

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	8.2	12.4

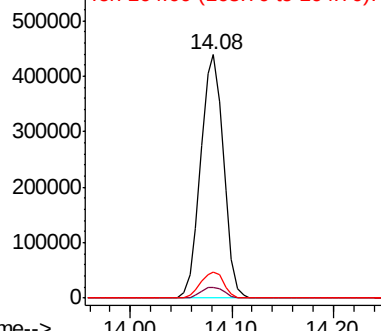


Abundance

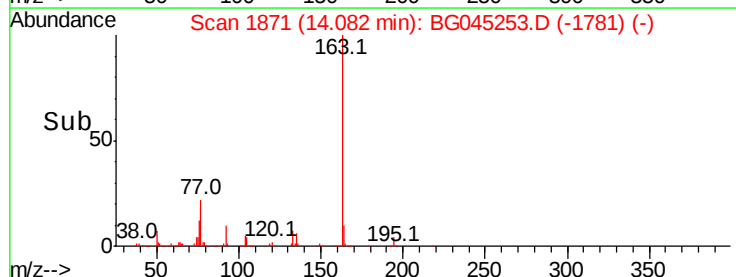
Ion 163.00 (162.70 to 163.70): E

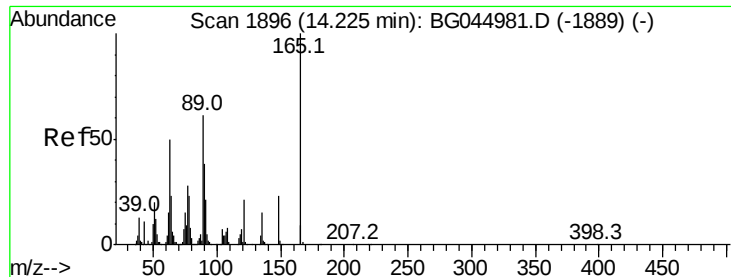
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 43.221 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

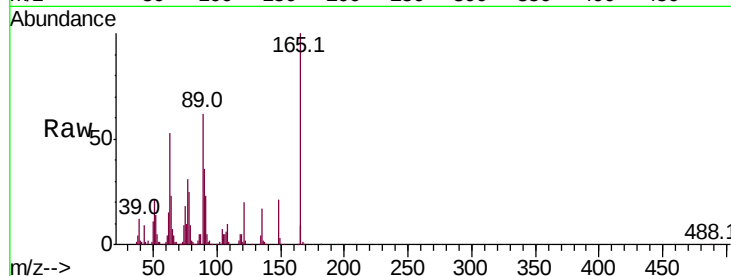
Tot Ion:165 Resp: 158278

Ion Ratio Lower Upper

165 100

63 52.6 40.4 60.6

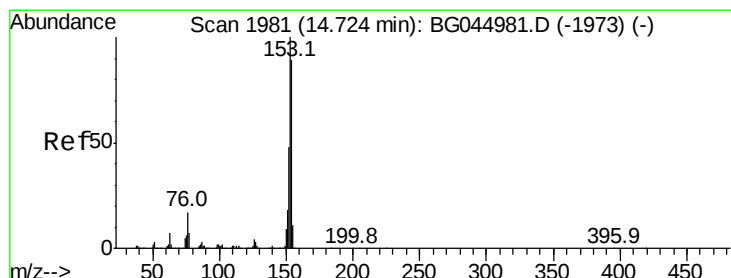
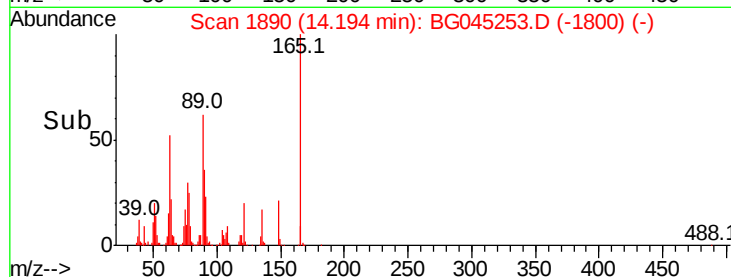
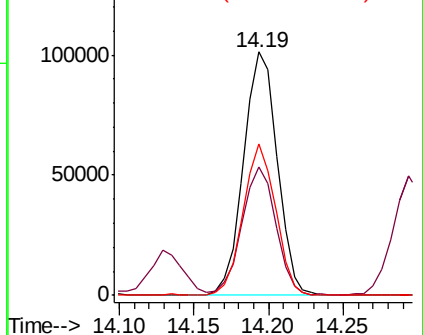
89 62.2 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.770 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

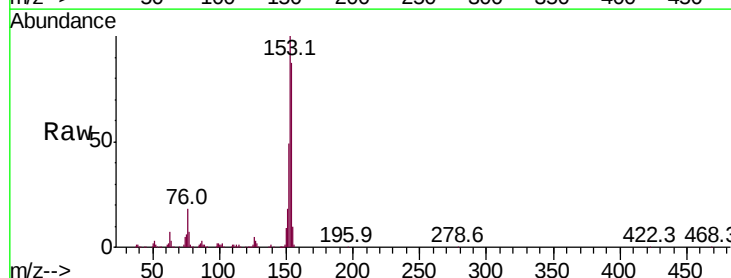
Tgt Ion:154 Resp: 486102

Ion Ratio Lower Upper

154 100

153 114.9 89.7 134.5

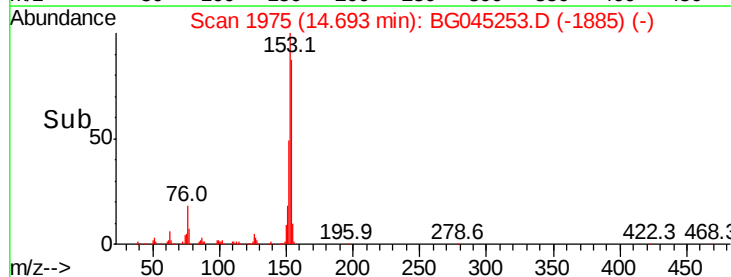
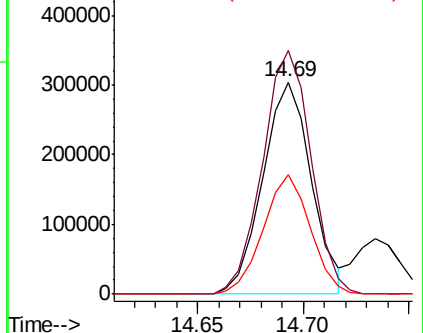
152 56.2 43.1 64.7

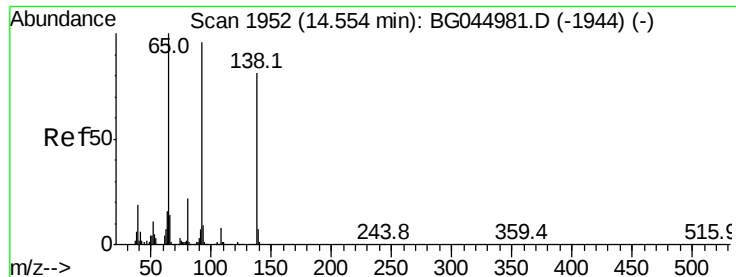


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

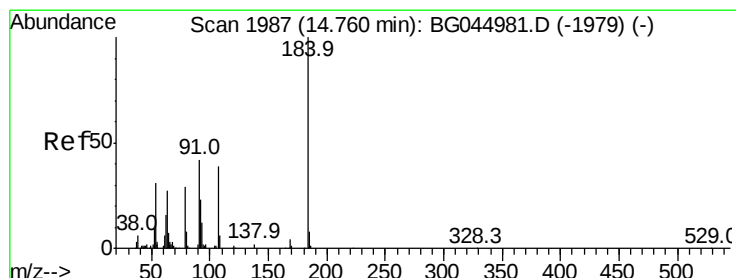
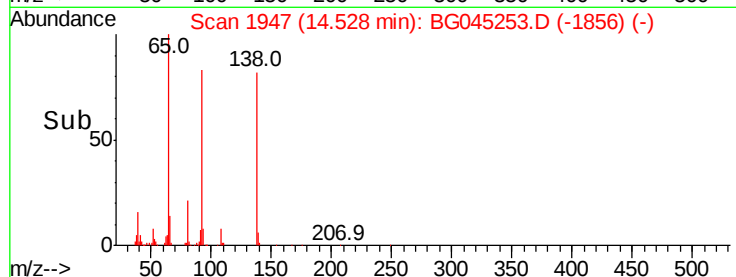
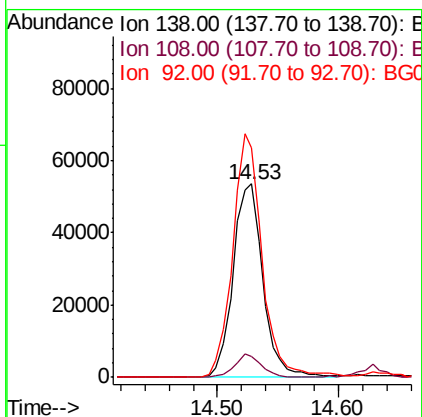
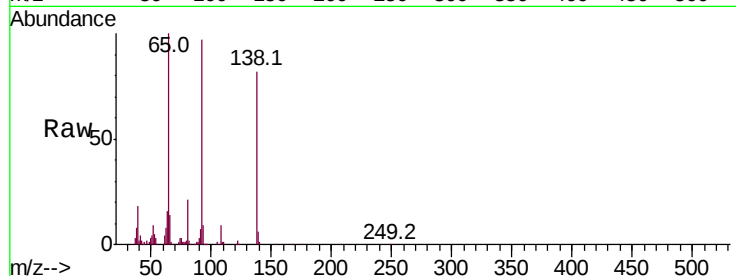




#53
3-Nitroaniline
Concen: 23.003 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

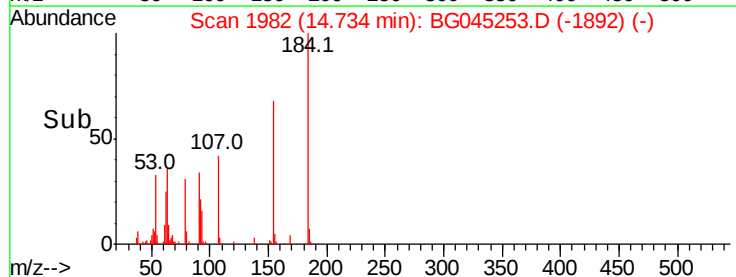
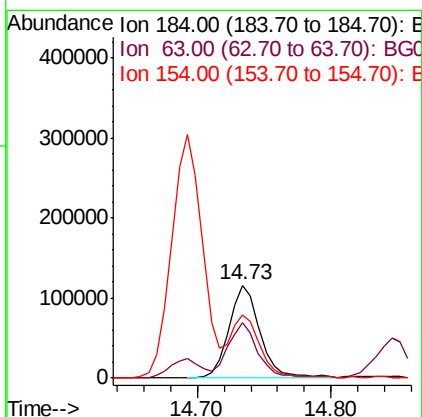
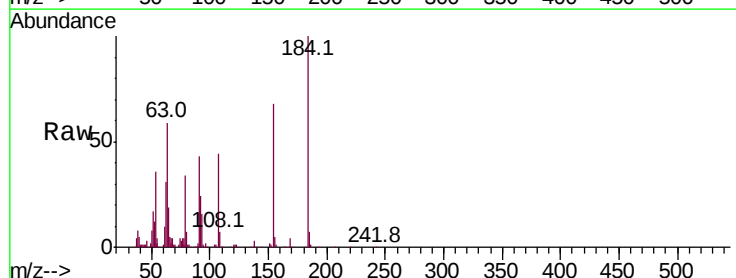
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion:138 Resp: 92390
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.8
92 119.0 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 86.969 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:184 Resp: 189383
Ion Ratio Lower Upper
184 100
63 59.4 41.5 62.3
154 67.9 52.3 78.5





#55

Dibenzenofuran

Concen: 42.196 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

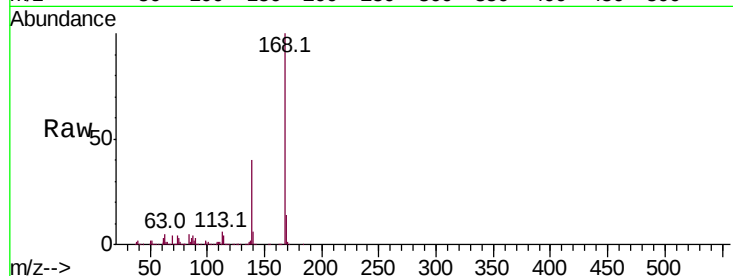
Tot Ion:168 Resp: 791740

Ion Ratio Lower Upper

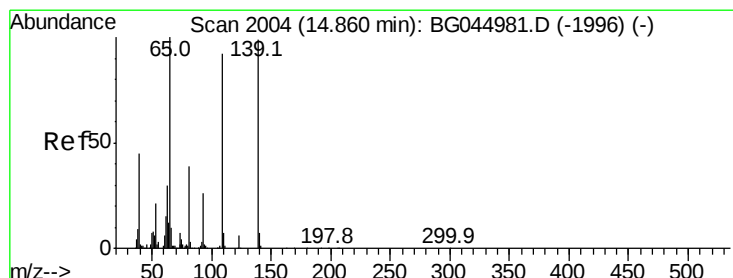
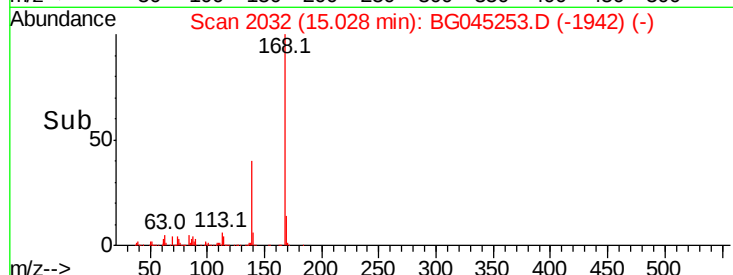
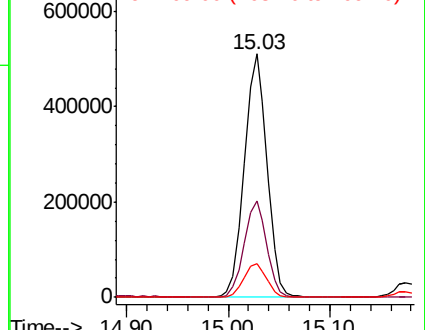
168 100

139 39.8 30.4 45.6

169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.771 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

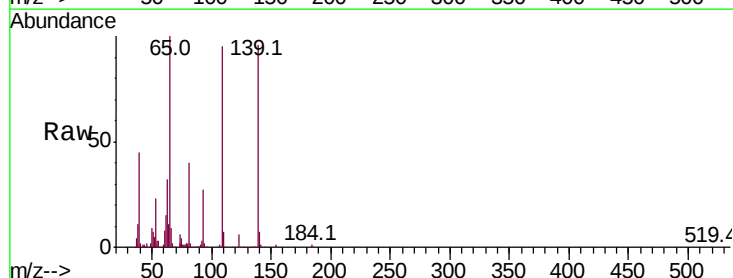
Tgt Ion:139 Resp: 254651

Ion Ratio Lower Upper

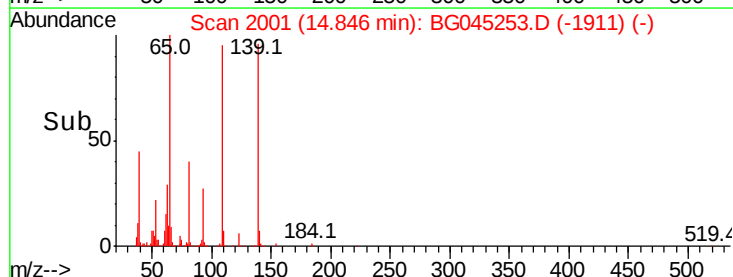
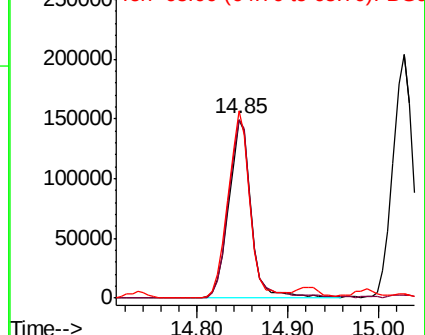
139 100

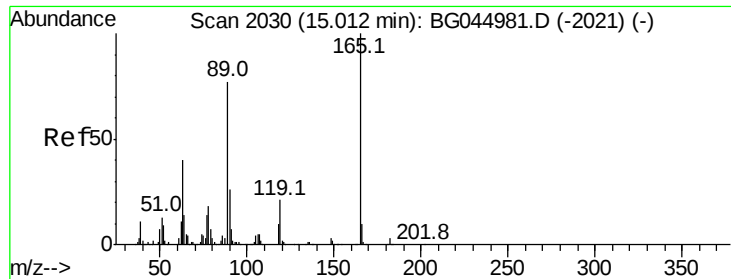
109 99.7 73.6 113.6

65 104.7 81.2 121.2



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

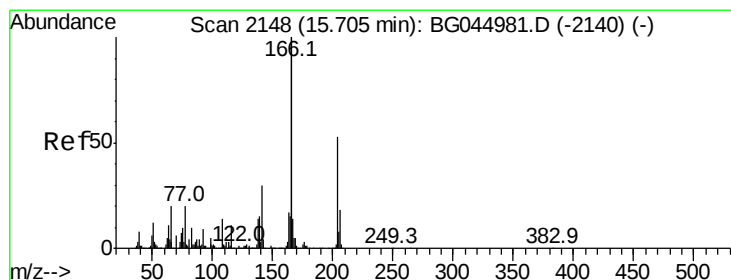
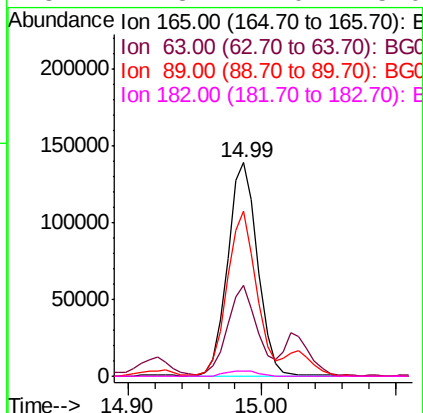
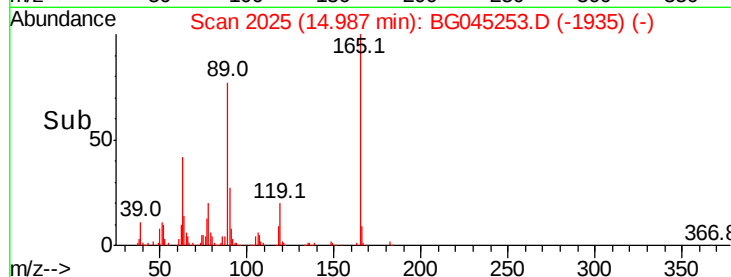
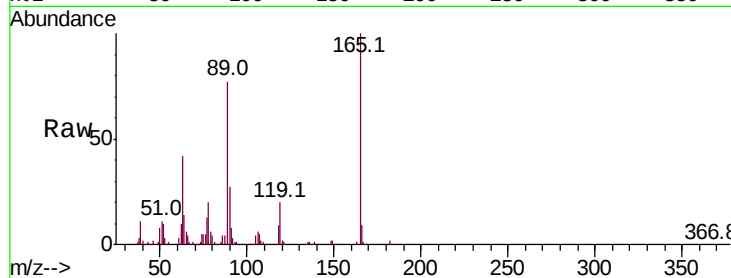




#57
2,4-Dinitrotoluene
Concen: 40.861 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

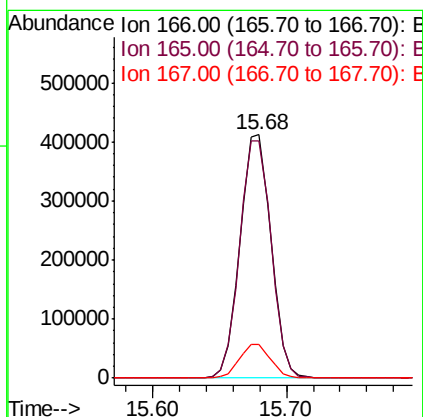
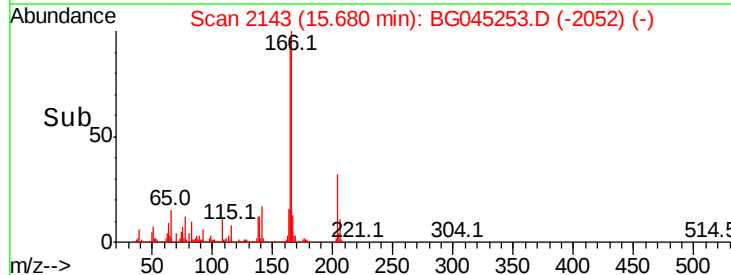
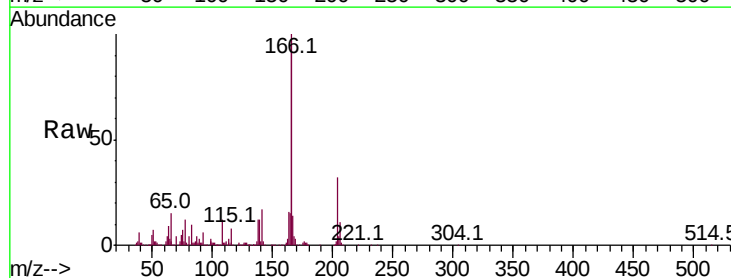
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

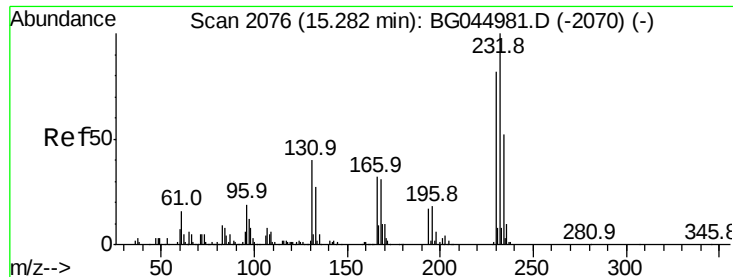
Tot Ion:165 Resp: 218679
Ion Ratio Lower Upper
165 100
63 42.4 32.2 48.2
89 77.4 61.7 92.5
182 2.3 2.0 3.0



#58
Fluorene
Concen: 43.180 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:166 Resp: 661794
Ion Ratio Lower Upper
166 100
165 97.5 79.9 119.9
167 13.6 11.4 17.0

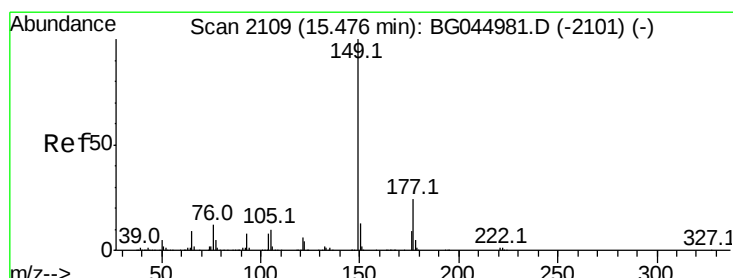
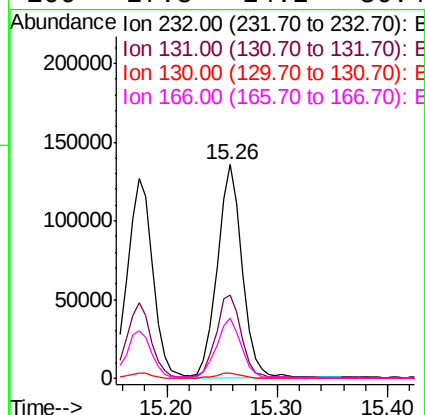
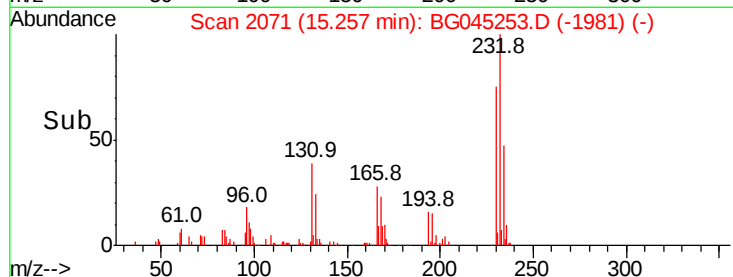
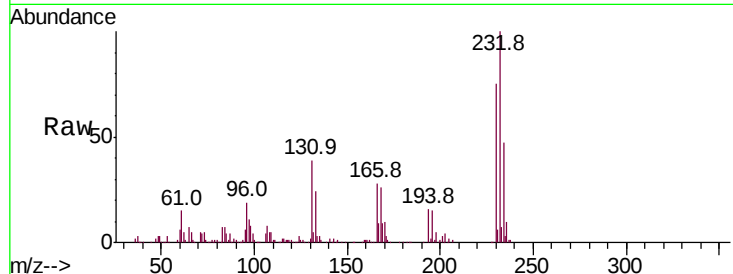




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.631 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

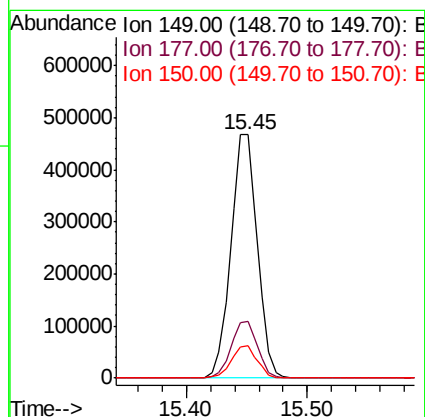
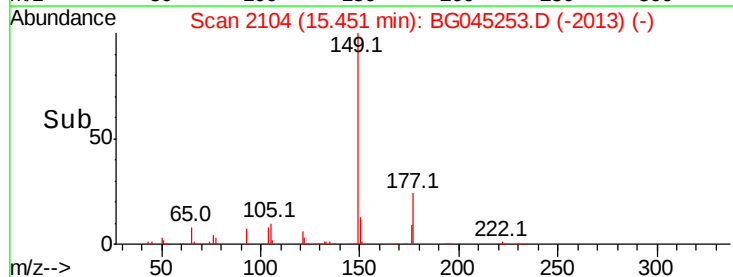
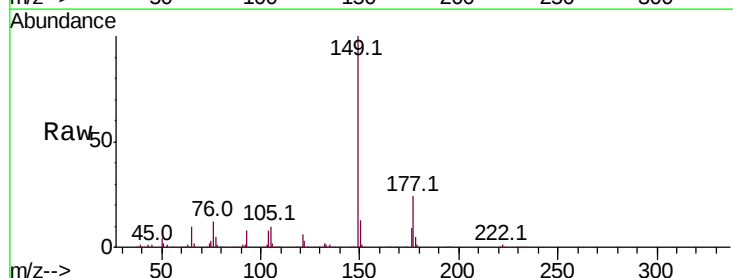
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

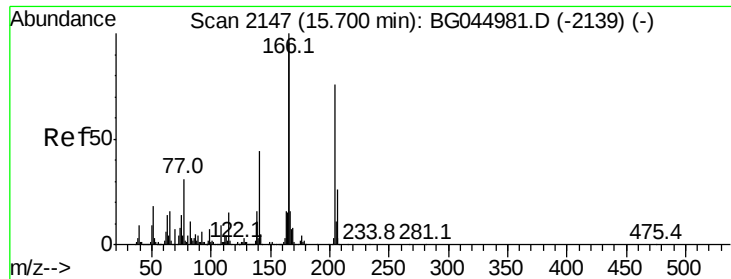
Tot Ion:	232	Resp:	211169
Ion	Ratio	Lower	Upper
232	100		
131	39.5	32.2	48.2
130	2.5	2.2	3.2
166	27.8	24.2	36.4



#60
Diethylphthalate
Concen: 41.559 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:	149	Resp:	709421
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.9	28.3
150	13.3	10.6	15.8

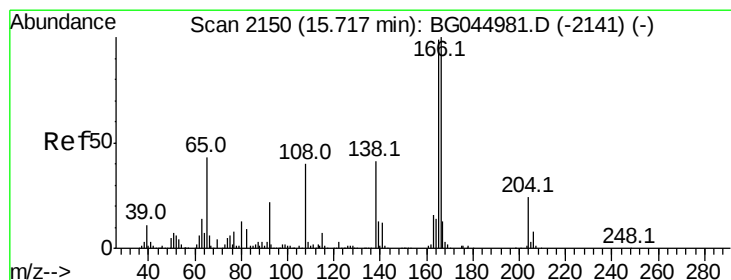
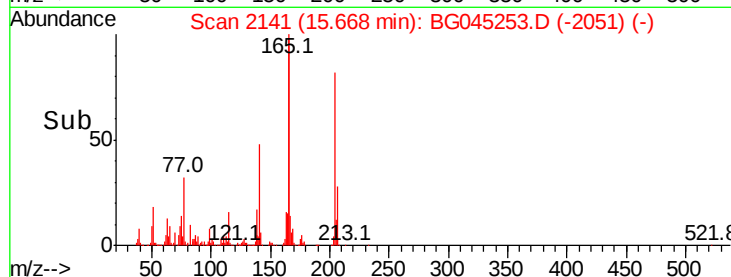
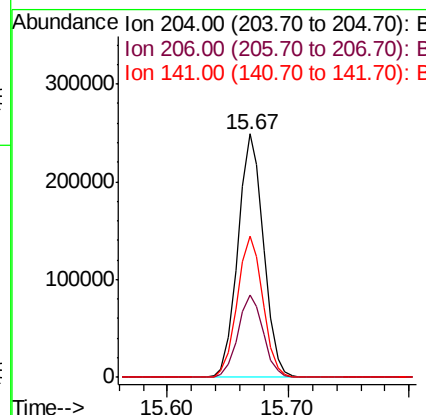
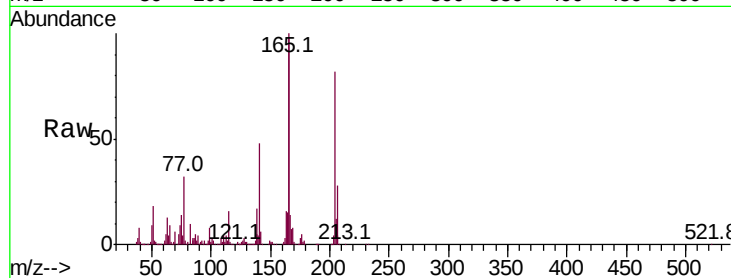




#61
4-Chlorophenyl-phenylether
Concen: 41.613 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

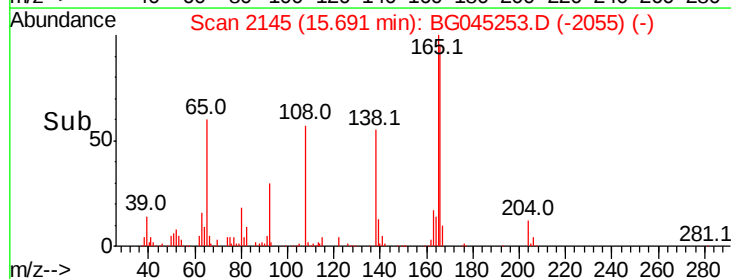
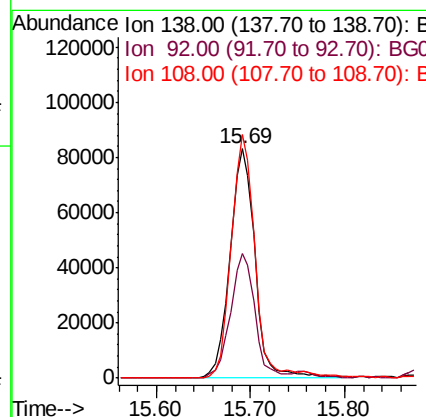
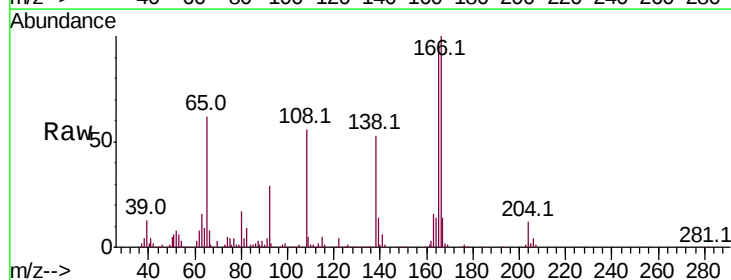
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

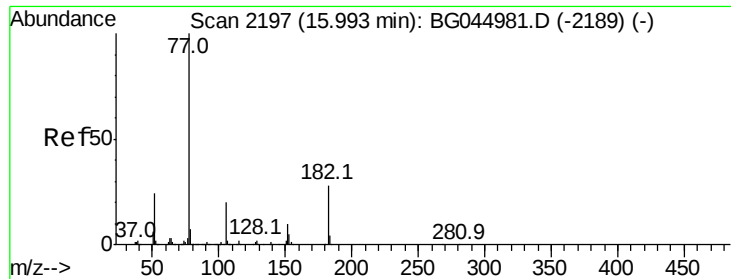
Tot Ion:204 Resp: 367093
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 57.8 46.3 69.5



#62
4-Nitroaniline
Concen: 36.977 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:138 Resp: 154040
Ion Ratio Lower Upper
138 100
92 54.3 33.6 73.6
108 106.1 78.2 118.2

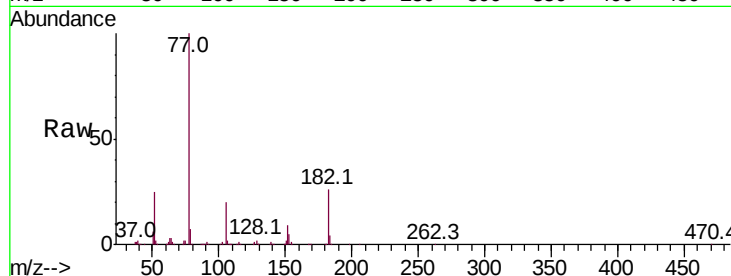




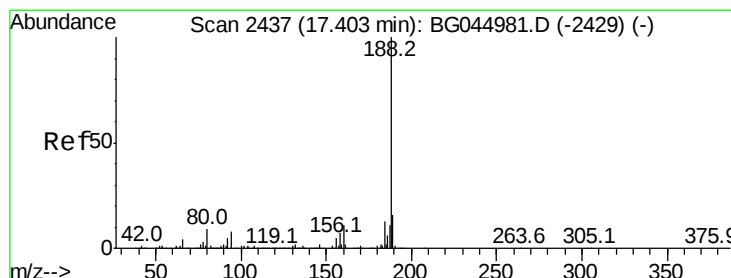
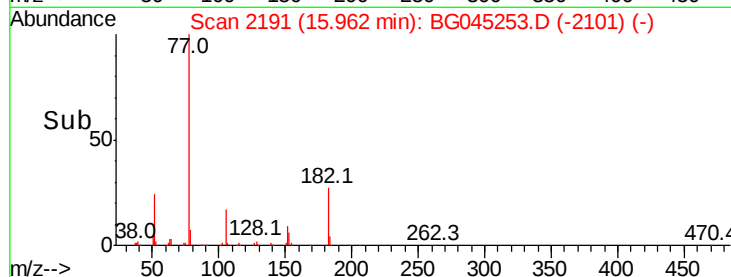
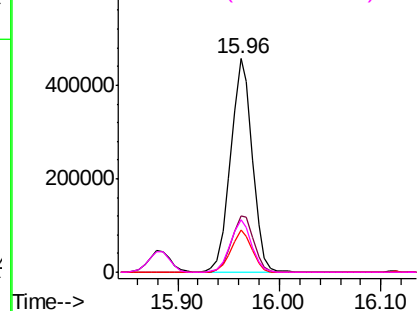
#63
Azobenzene
Concen: 42.922 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion:	77	Resp:	675501
Ion	Ratio	Lower	Upper
77	100		
182	26.4	8.4	48.4
105	19.8	0.5	40.5
51	24.5	4.4	44.4

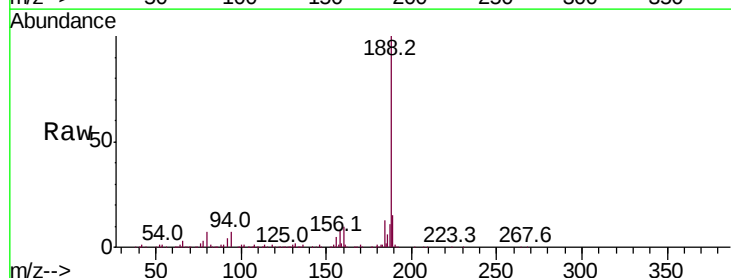


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

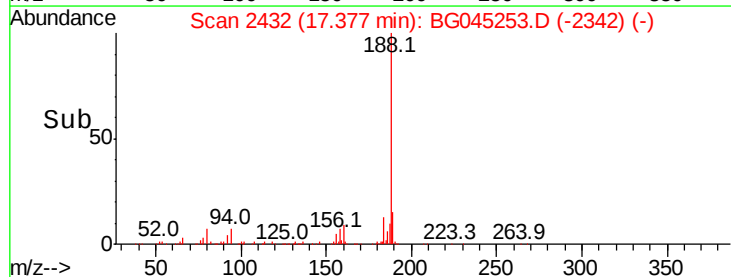
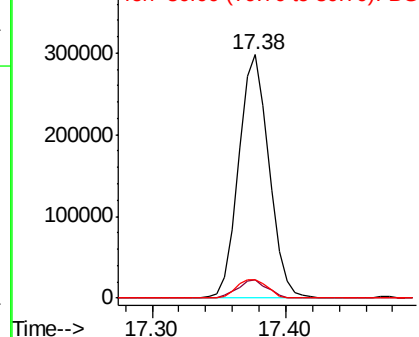


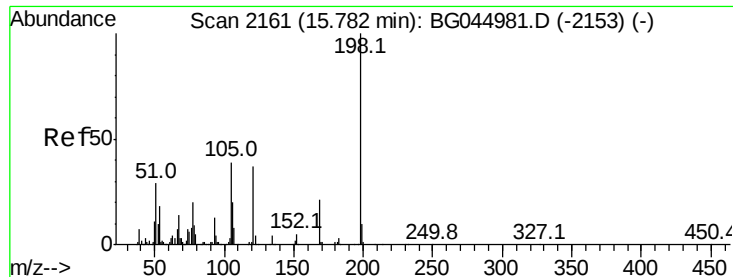
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion:	188	Resp:	469234
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	7.5	7.0	10.6



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

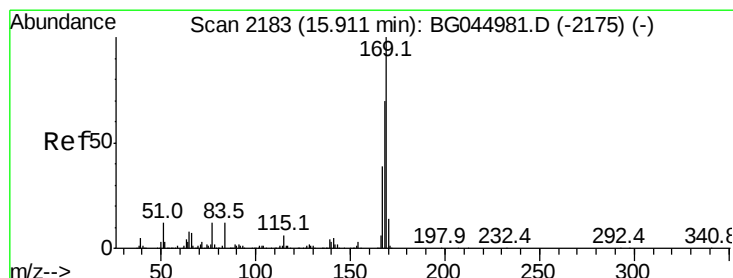
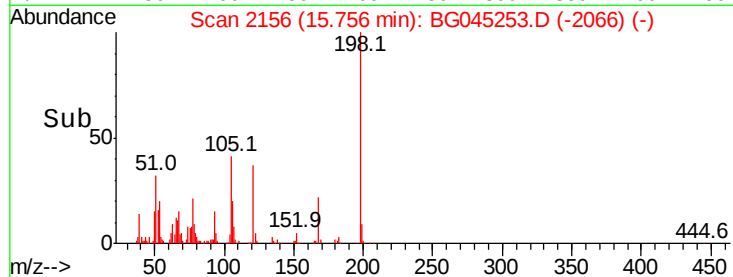
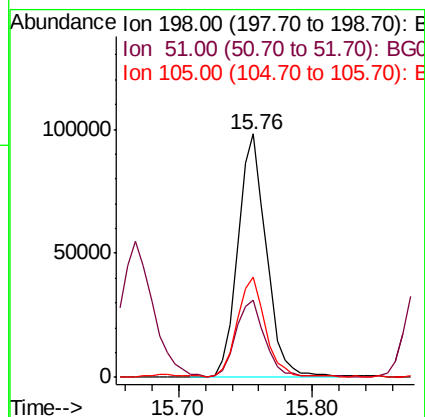
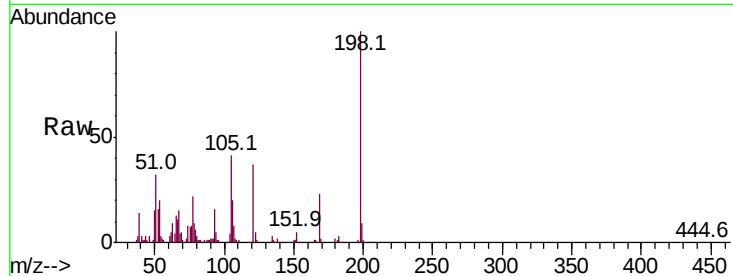




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.941 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

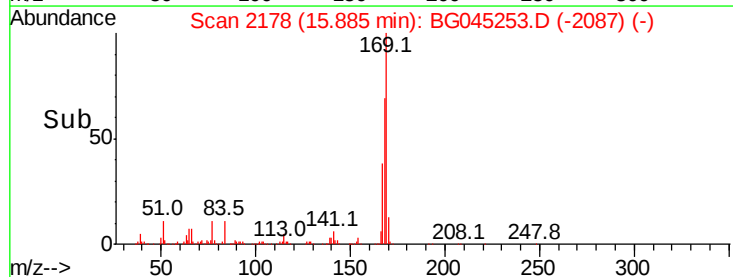
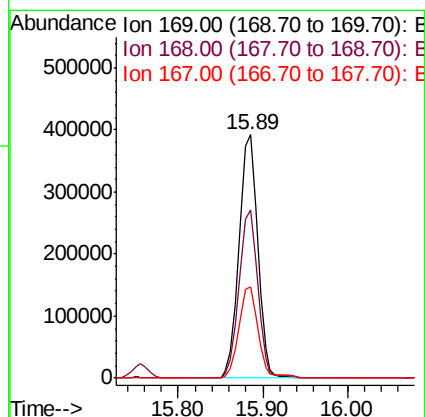
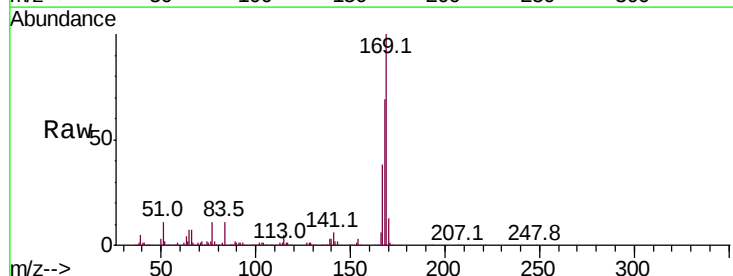
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BSD

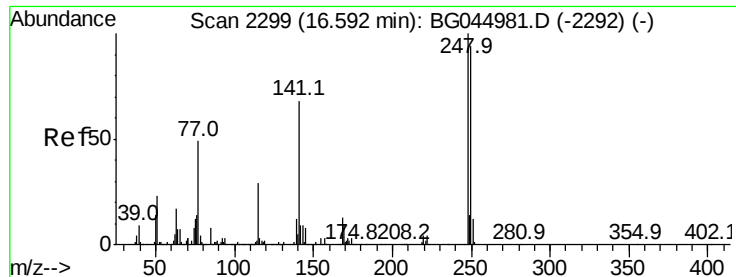
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.5	10.0	50.0
105	41.0	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.069 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.8	83.8
167	37.7	30.8	46.2

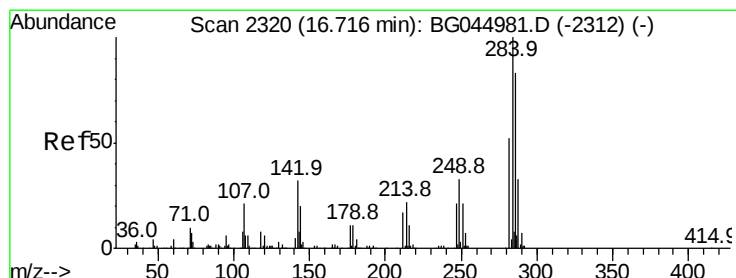
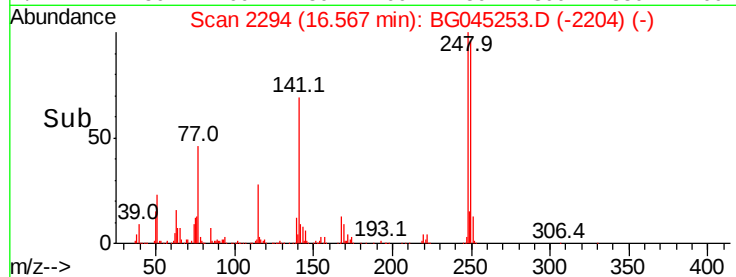
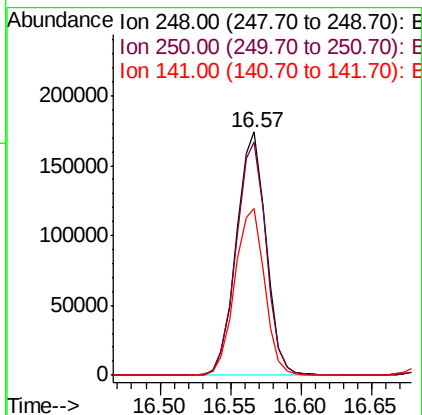
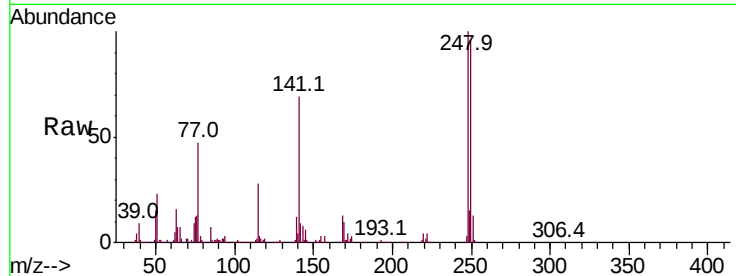




#67
4-Bromophenyl-phenylether
Concen: 41.957 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

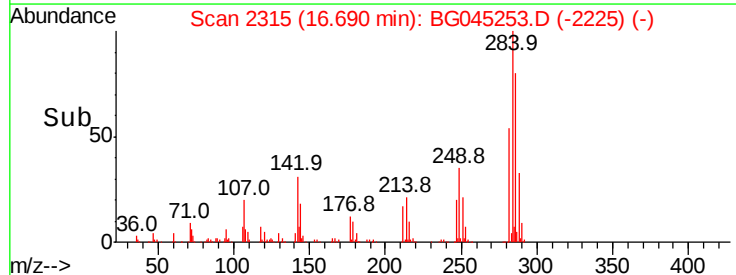
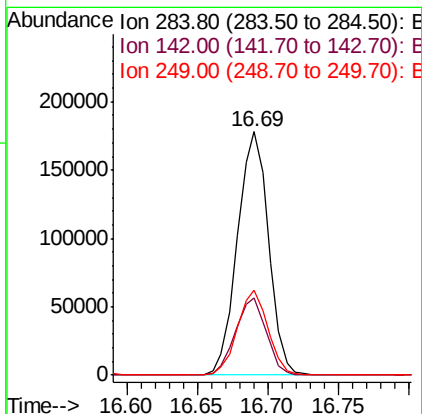
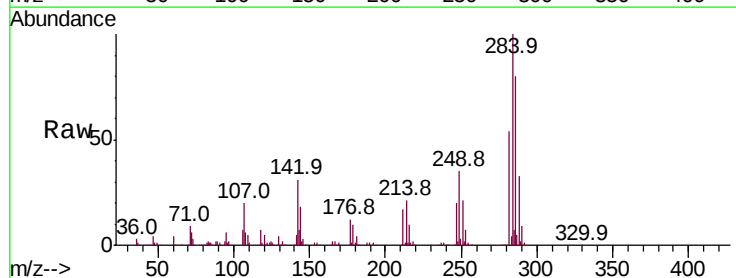
Instrument :
BNA_G
ClientSampleId :
PB128670BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.4	113.2
141	68.7	54.4	81.6



#68
Hexachlorobenzene
Concen: 43.749 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045253.D
Acq: 6 May 2020 14:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	34.7	26.6	39.8





#69

Atrazine

Concen: 46.876 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

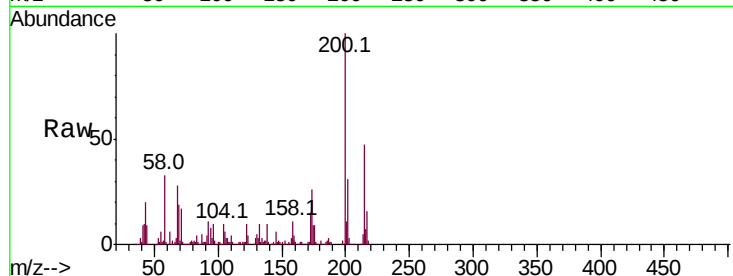
Tot Ion:200 Resp: 229529

Ion Ratio Lower Upper

200 100

173 25.5 4.5 44.5

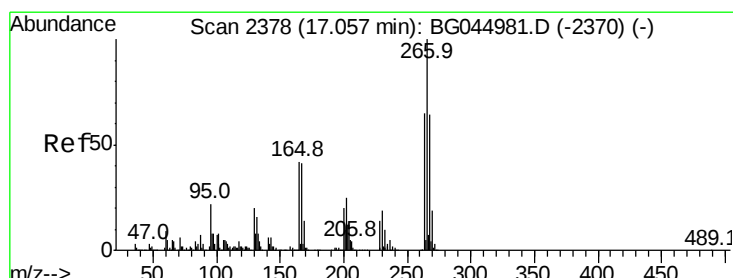
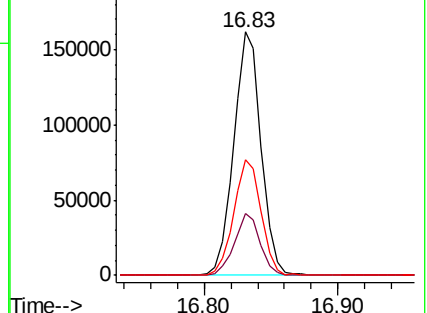
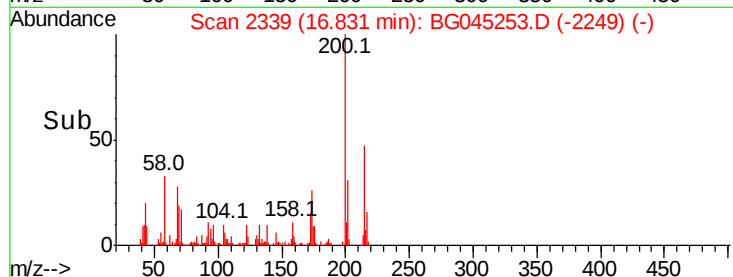
215 47.4 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.477 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

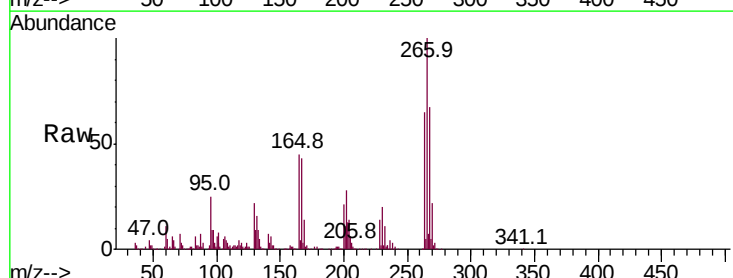
Tgt Ion:266 Resp: 329209

Ion Ratio Lower Upper

266 100

268 67.2 51.5 77.3

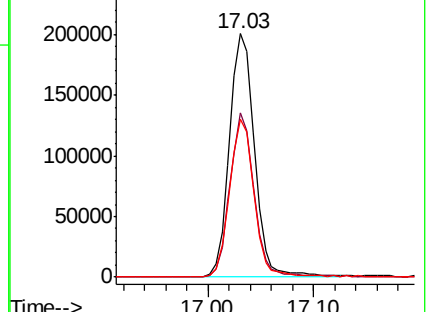
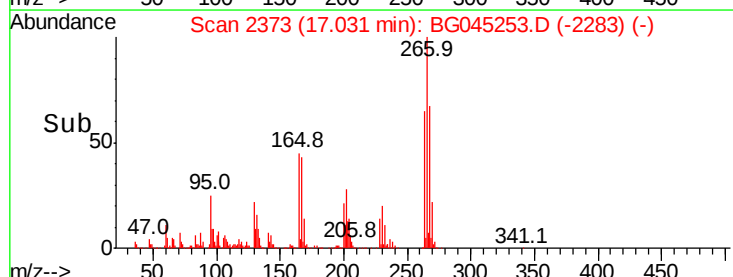
264 64.7 52.2 78.4

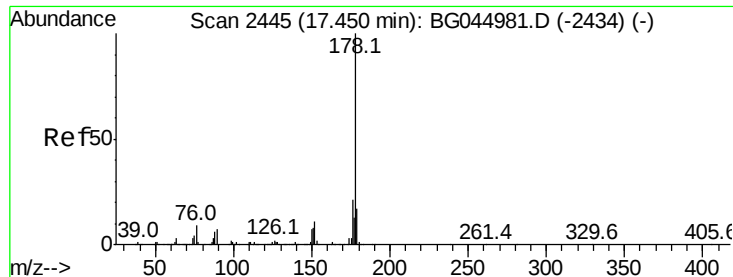


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.112 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

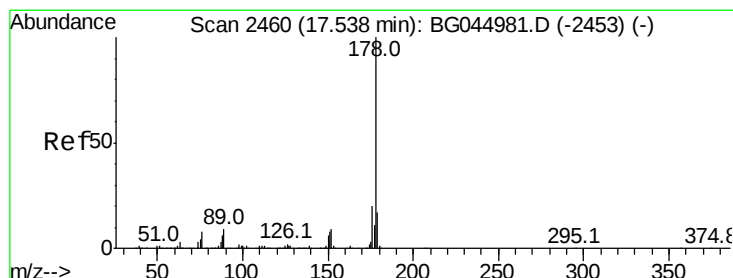
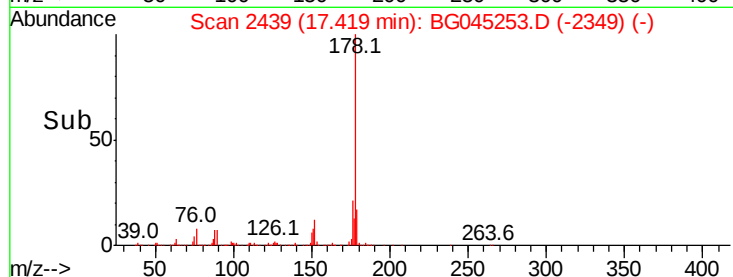
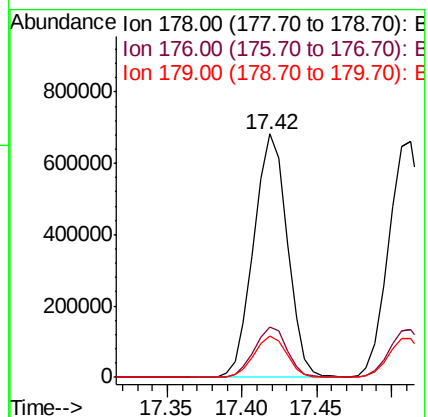
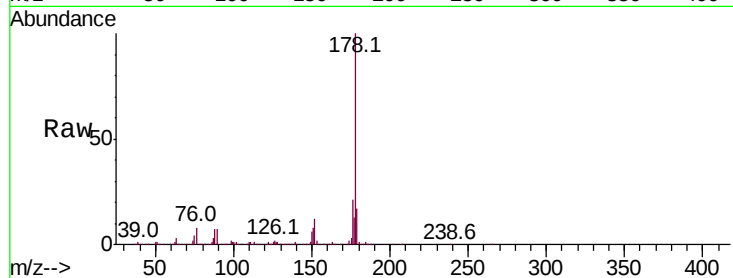
Tot Ion:178 Resp: 1063661

Ion Ratio Lower Upper

178 100

176 20.8 16.8 25.2

179 16.8 13.2 19.8



#72

Anthracene

Concen: 45.313 ng

RT: 17.51 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

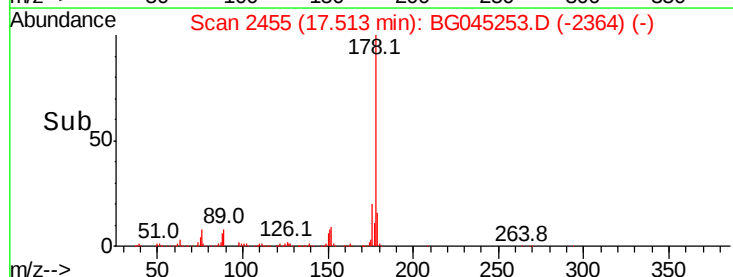
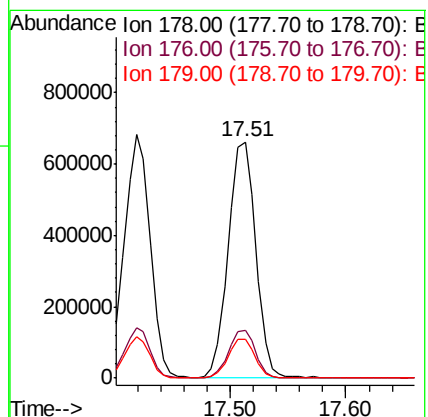
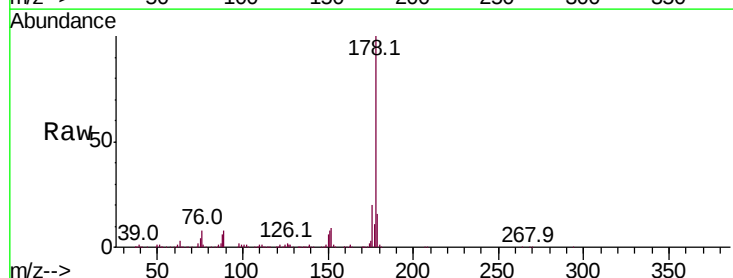
Tgt Ion:178 Resp: 1096020

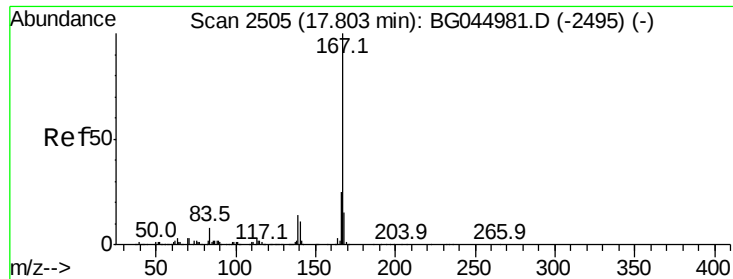
Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

179 16.5 13.6 20.4





#73

Carbazole

Concen: 40.321 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

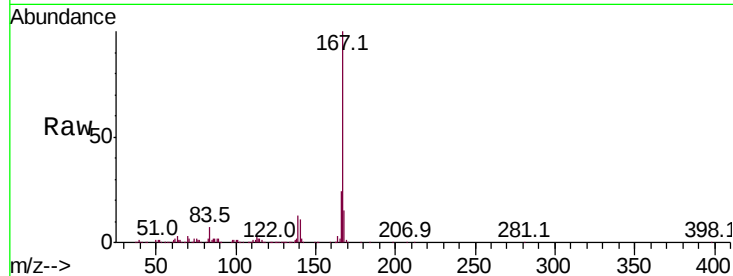
Tot Ion:167 Resp: 989704

Ion Ratio Lower Upper

167 100

166 24.1 19.8 29.6

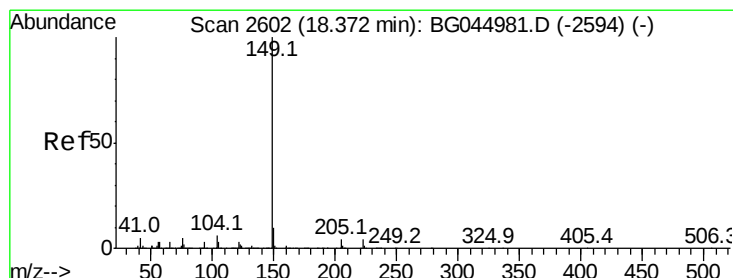
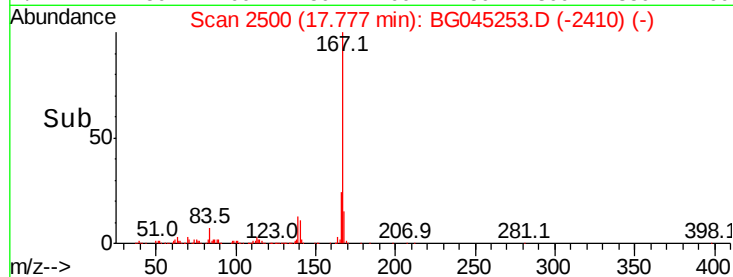
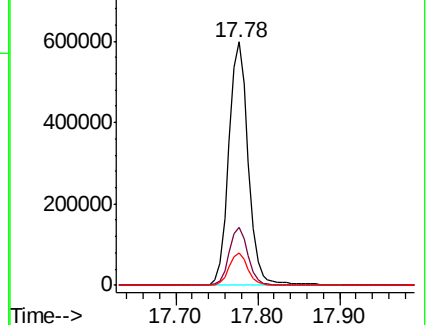
139 13.2 10.9 16.3



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: 44.555 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

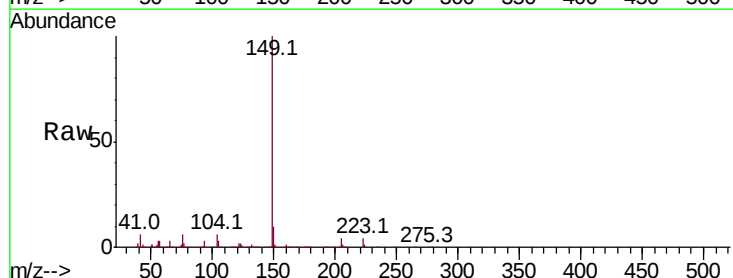
Tgt Ion:149 Resp: 1192067

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

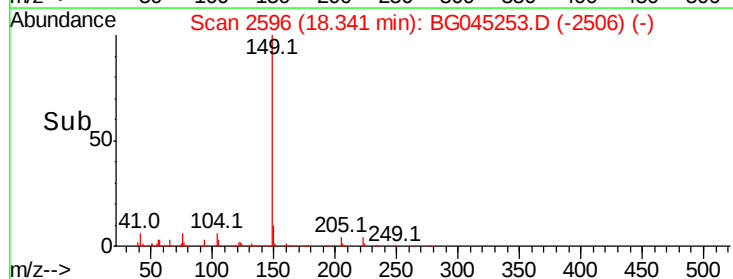
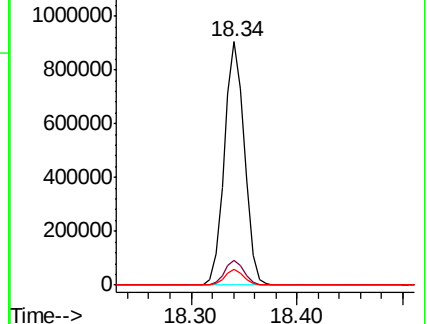
104 6.3 4.8 7.2

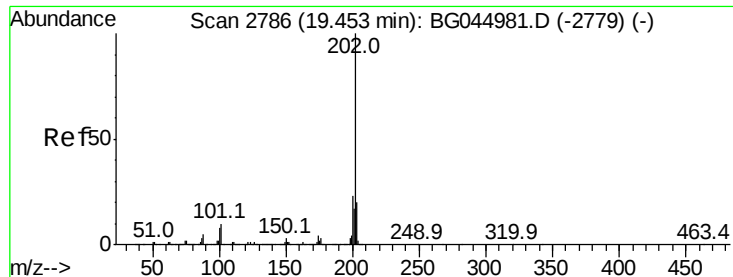


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



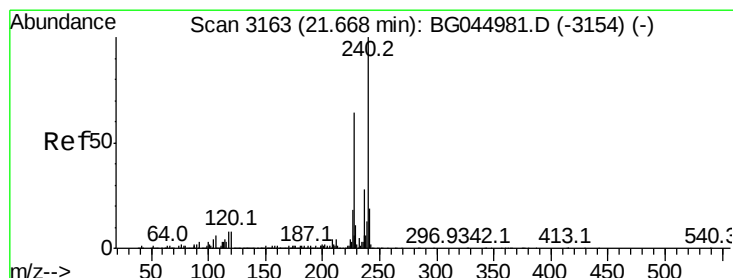
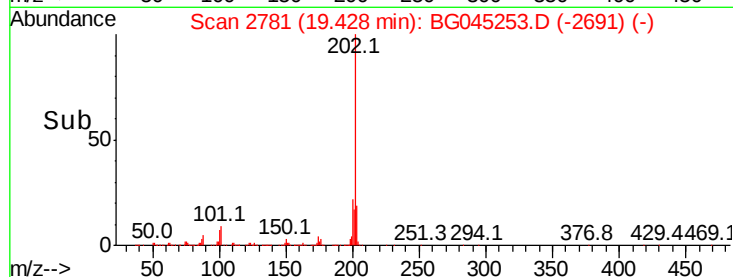
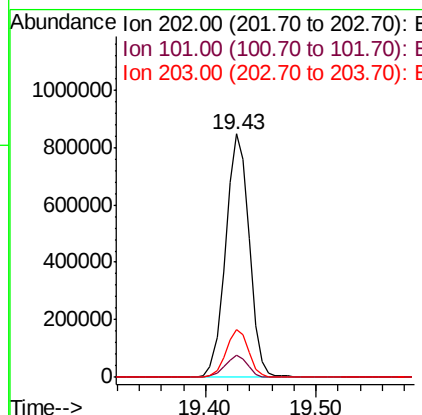
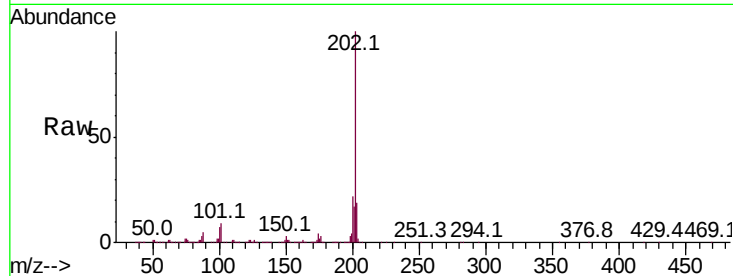


#75
 Fluoranthene
 Concen: 44.646 ng
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BSD

Tot Ion:202 Resp: 1266711

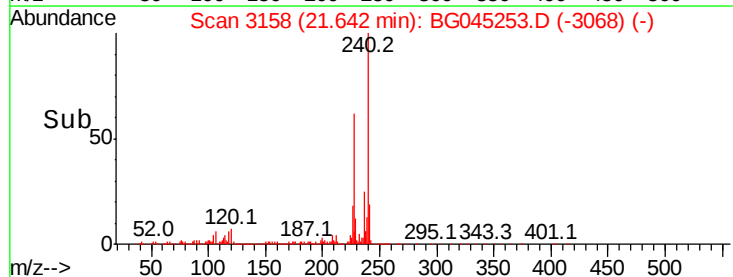
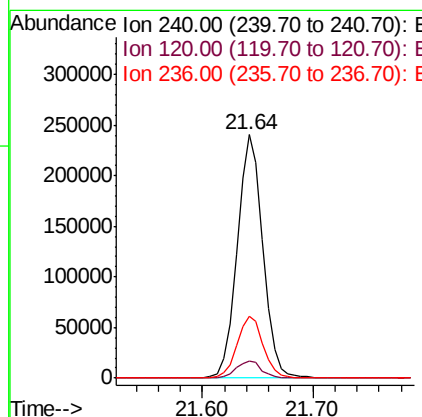
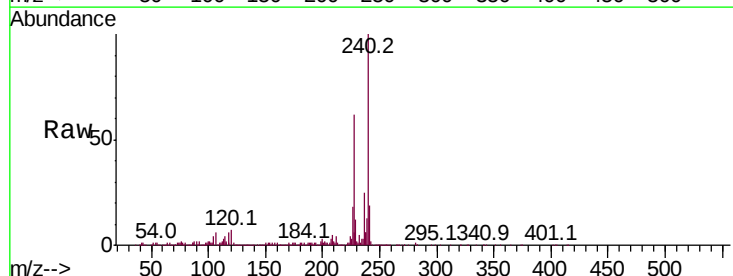
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.6
203	19.5	0.0	39.7

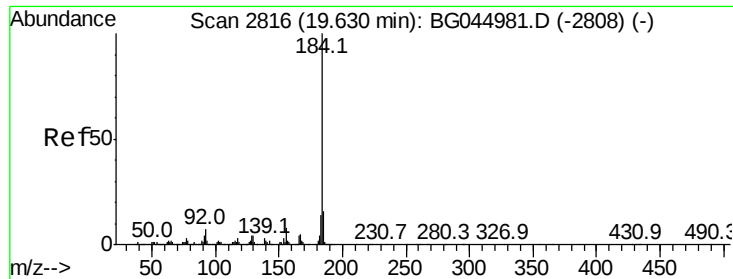


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG045253.D
 Acq: 6 May 2020 14:59

Tgt Ion:240 Resp: 391067

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	25.3	22.2	33.2





#77

Benzidine

Concen: 56.470 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

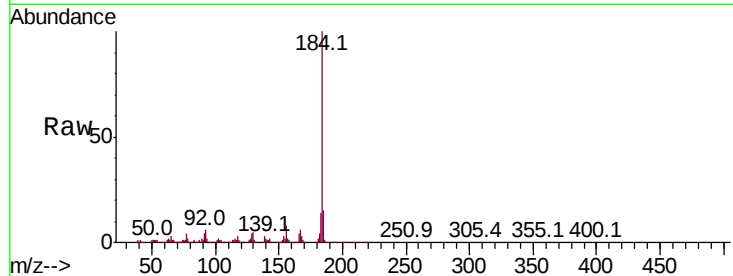
Tot Ion:184 Resp: 622436

Ion Ratio Lower Upper

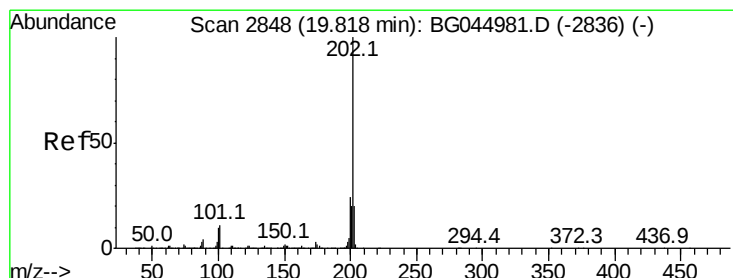
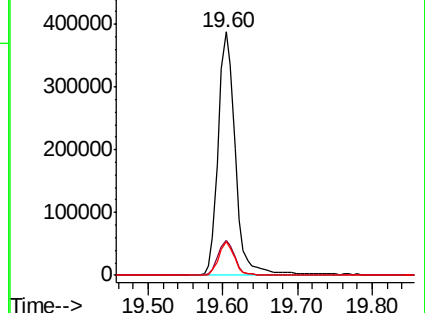
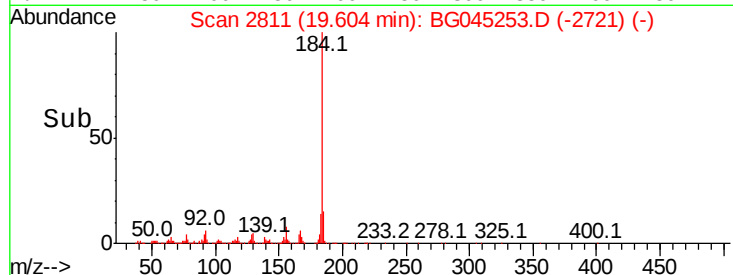
184 100

185 14.5 12.6 19.0

183 13.7 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: 46.280 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

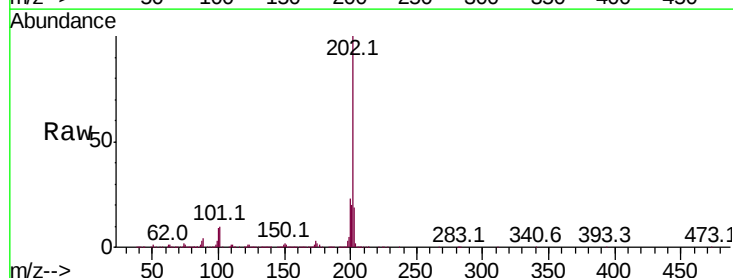
Tgt Ion:202 Resp: 1247723

Ion Ratio Lower Upper

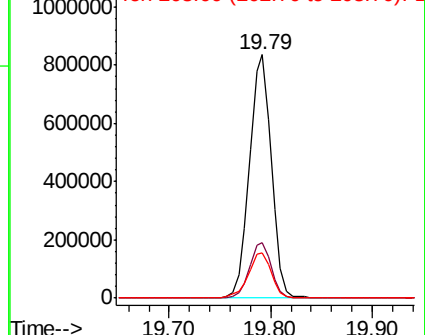
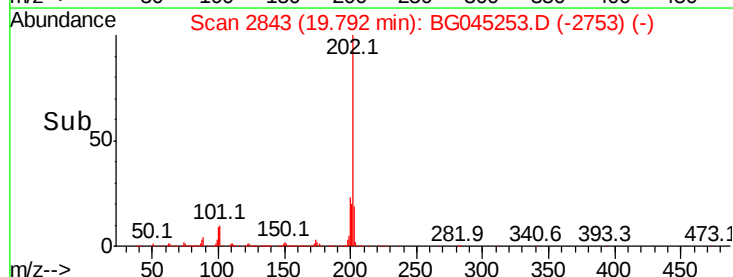
202 100

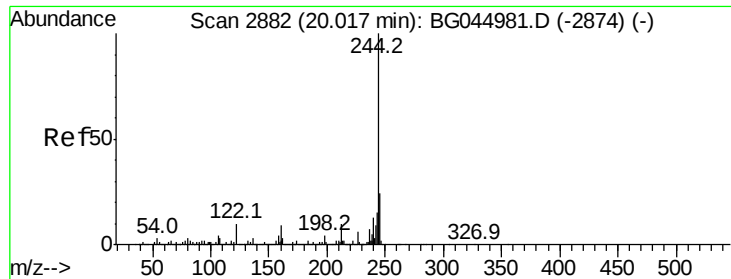
200 22.6 19.0 28.6

203 18.7 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: 104.002 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

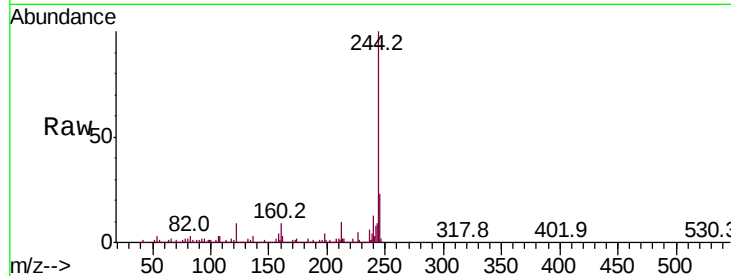
Tot Ion:244 Resp: 1866047

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

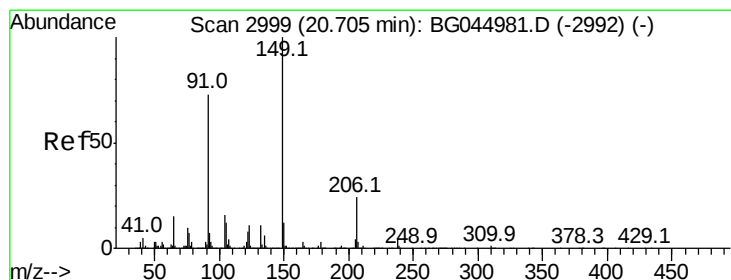
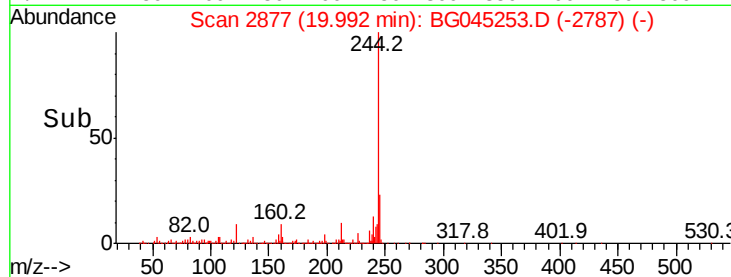
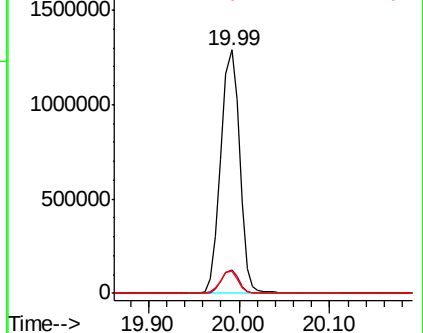
122 9.1 7.7 11.5



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: 43.481 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

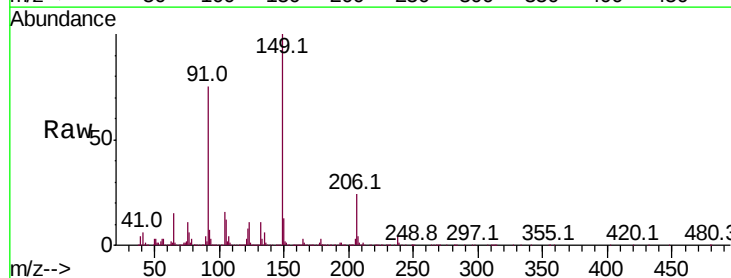
Tgt Ion:149 Resp: 485922

Ion Ratio Lower Upper

149 100

91 75.4 58.5 87.7

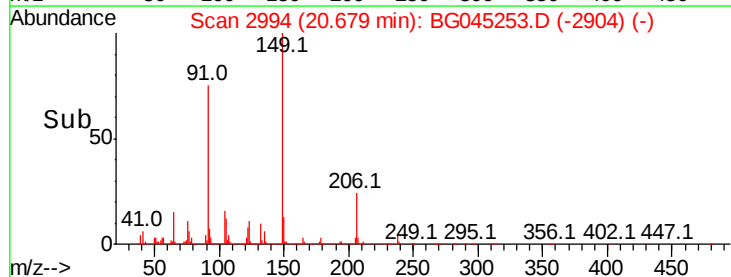
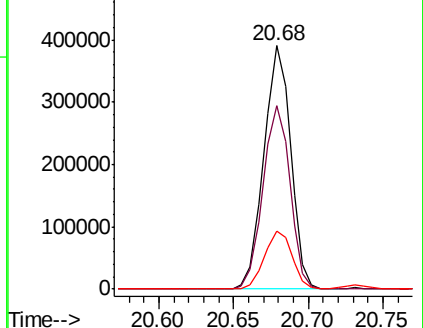
206 23.7 19.2 28.8

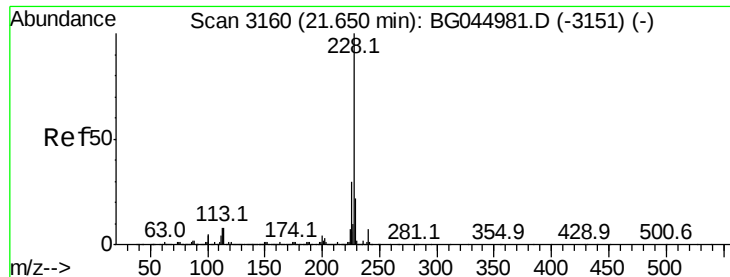


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.254 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

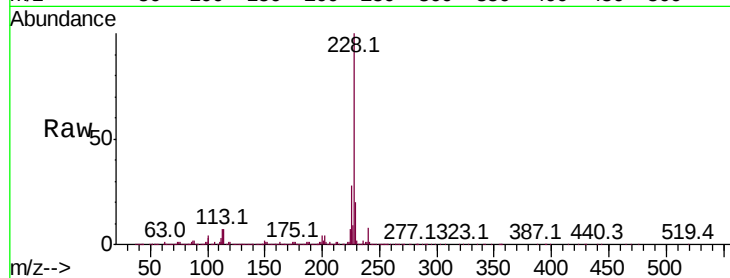
Tot Ion:228 Resp: 1147045

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

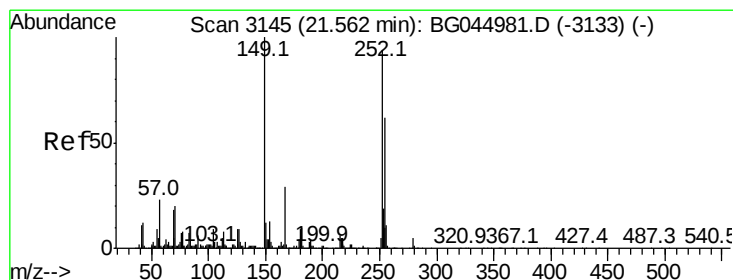
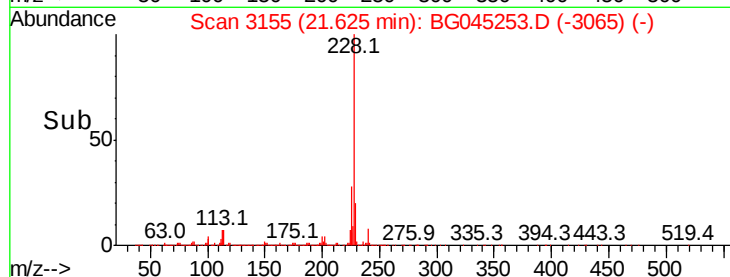
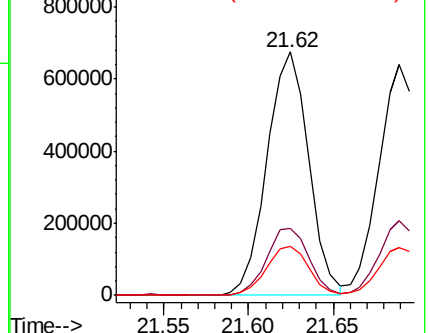
229 20.4 17.5 26.3



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: 27.665 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

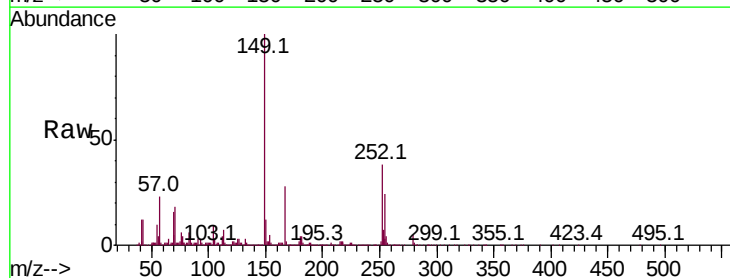
Tgt Ion:252 Resp: 279105

Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

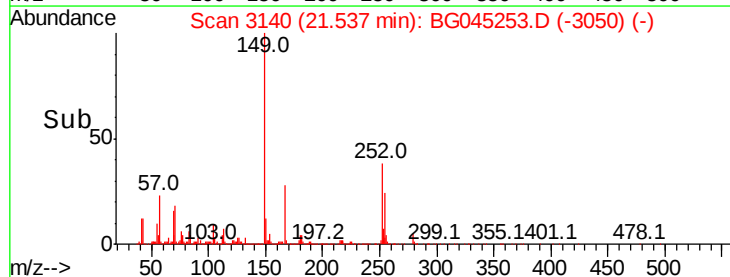
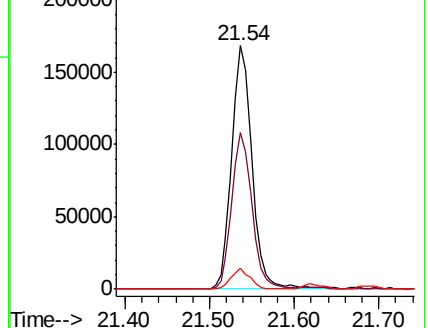
126 8.6 7.5 11.3



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: 45.161 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

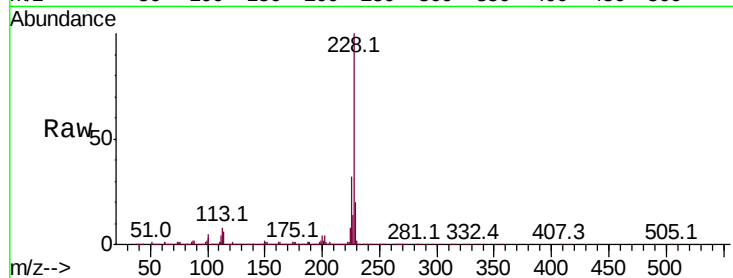
Tot Ion:228 Resp: 1099832

Ion Ratio Lower Upper

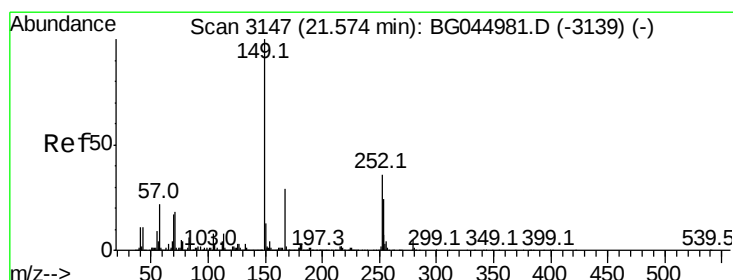
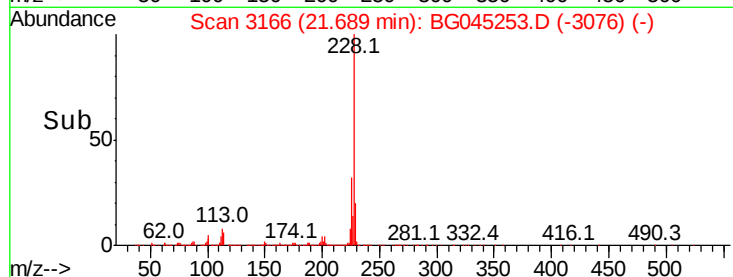
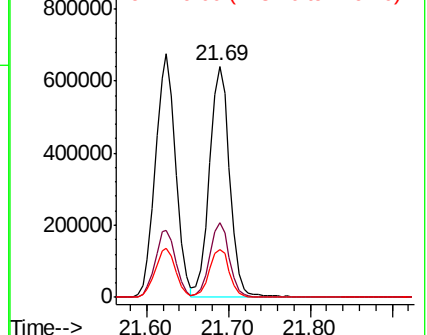
228 100

226 32.2 26.2 39.4

229 20.4 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: 44.480 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

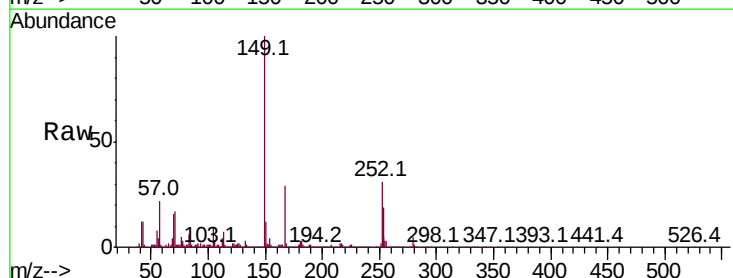
Tgt Ion:149 Resp: 683663

Ion Ratio Lower Upper

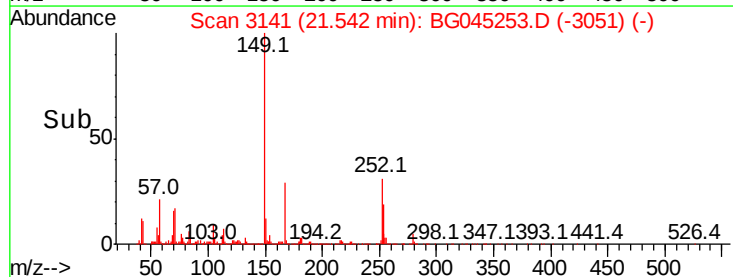
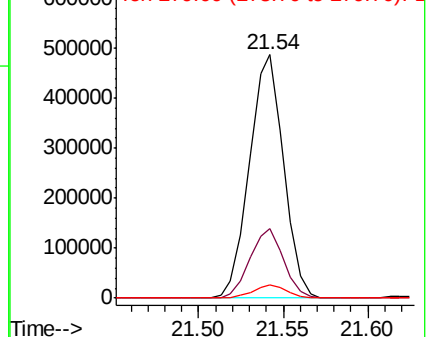
149 100

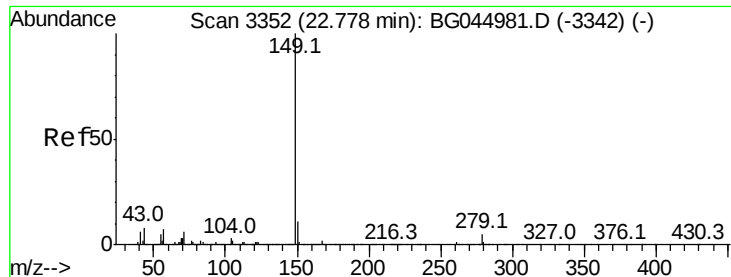
167 28.5 23.4 35.0

279 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.025 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

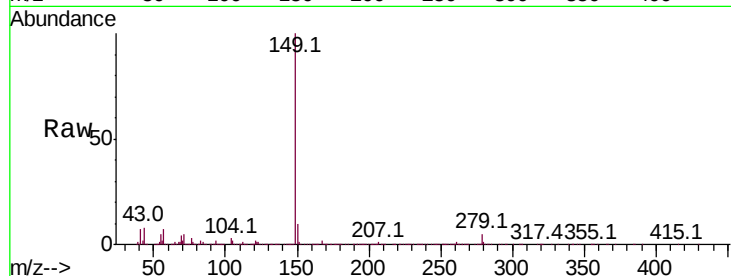
Tot Ion:149 Resp: 1143559

Ion Ratio Lower Upper

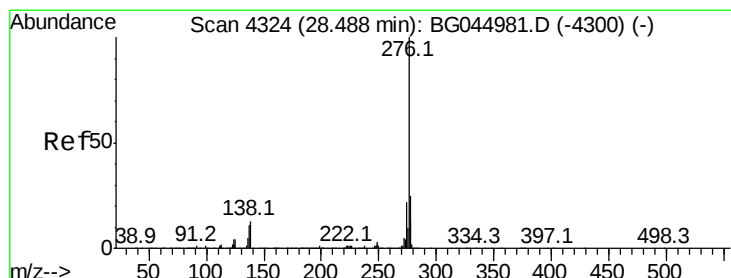
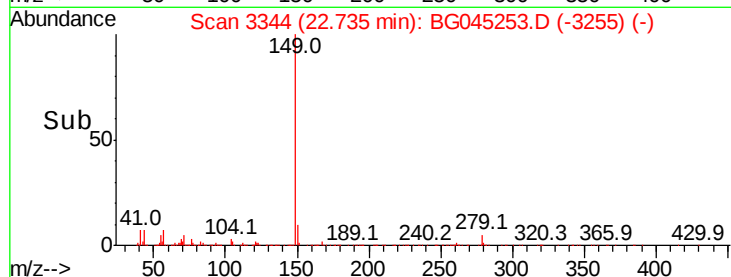
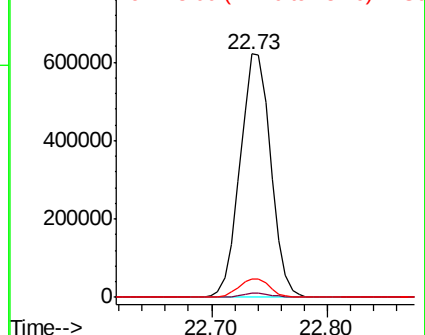
149 100

167 1.8 1.4 2.2

43 7.6 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.317 ng

RT: 28.43 min Scan# 4314

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

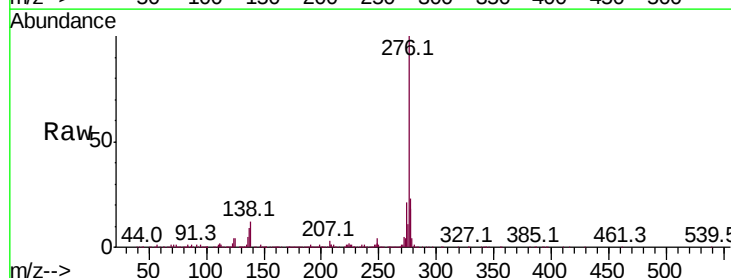
Tgt Ion:276 Resp: 1400609

Ion Ratio Lower Upper

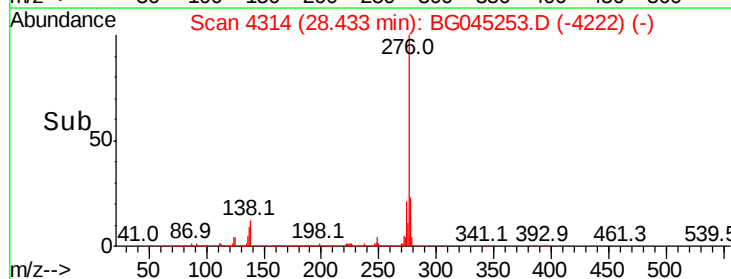
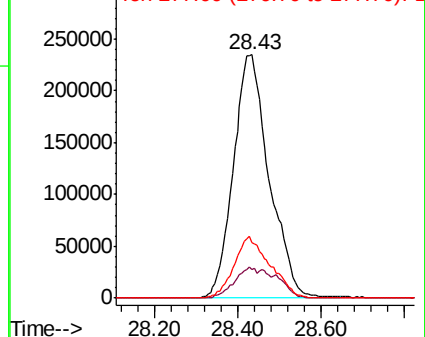
276 100

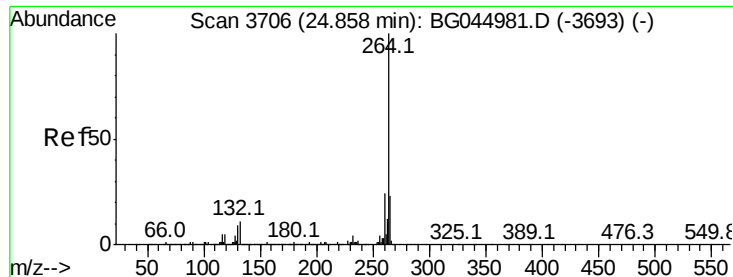
138 7.8 9.6 14.4#

277 25.5 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. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

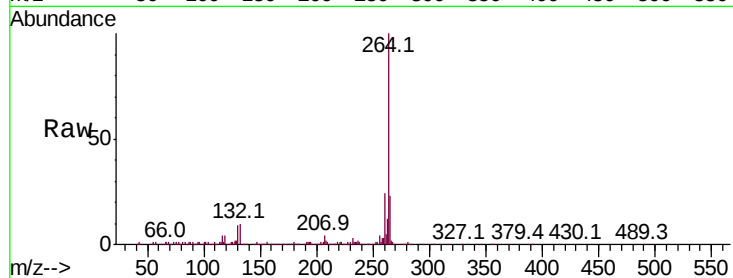
Tot Ion:264 Resp: 425604

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

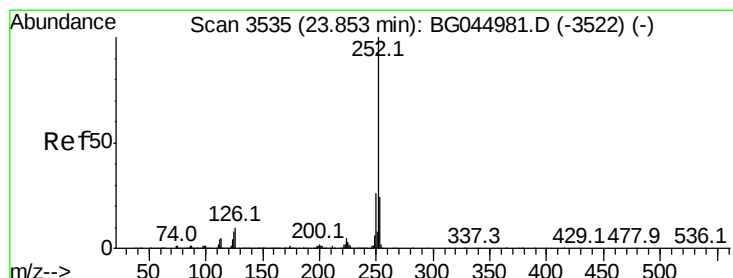
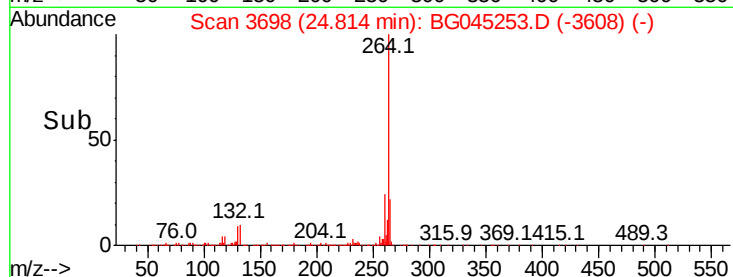
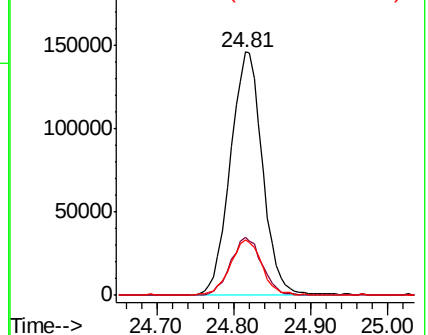
265 22.8 19.0 28.4



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: 43.330 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

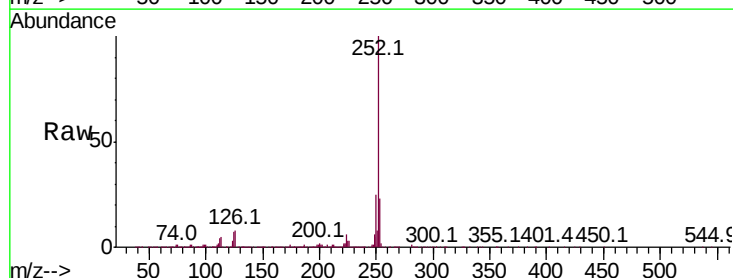
Tgt Ion:252 Resp: 1155168

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

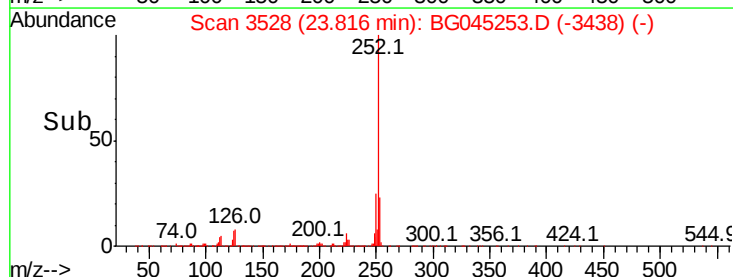
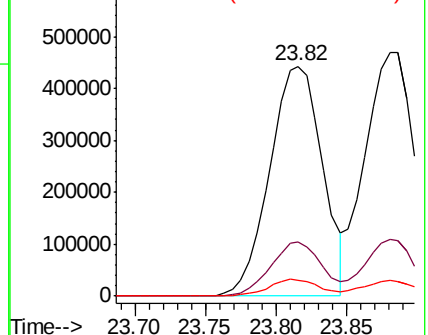
125 6.9 6.2 9.4

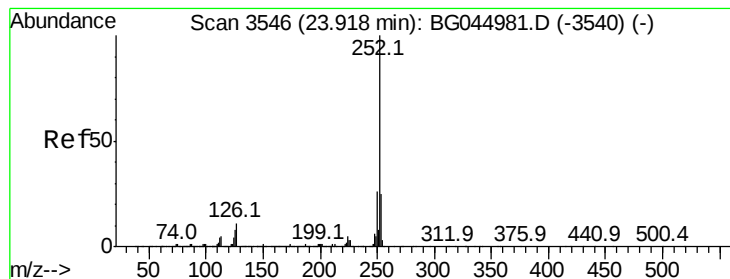


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.490 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

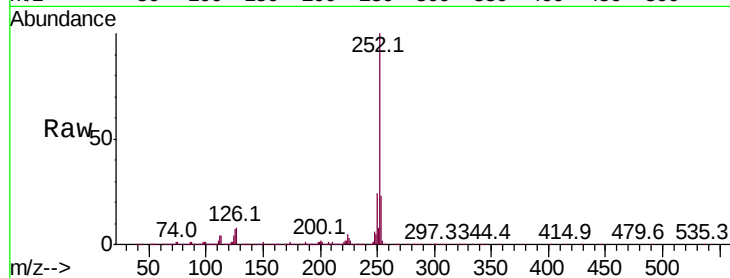
Tot Ion:252 Resp: 1178686

Ion Ratio Lower Upper

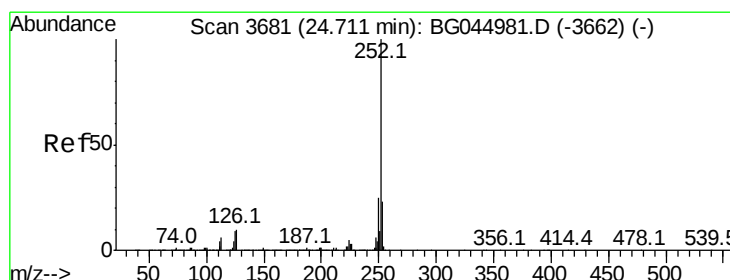
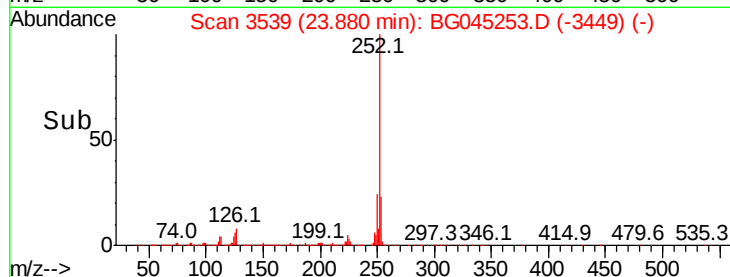
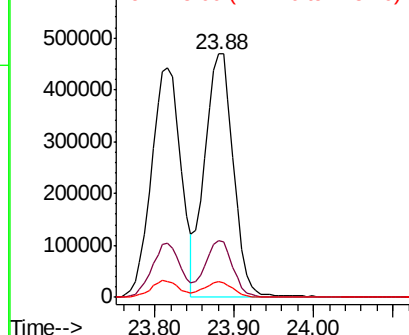
252 100

253 23.2 19.2 28.8

125 6.6 5.9 8.9



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



#90

Benzo(a)pyrene

Concen: 43.206 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

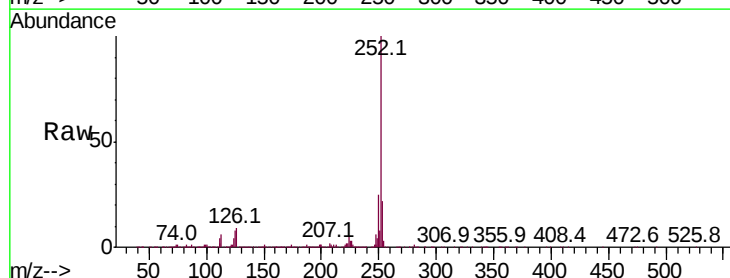
Tgt Ion:252 Resp: 1087526

Ion Ratio Lower Upper

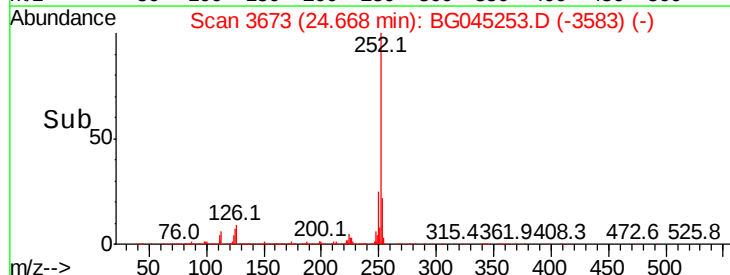
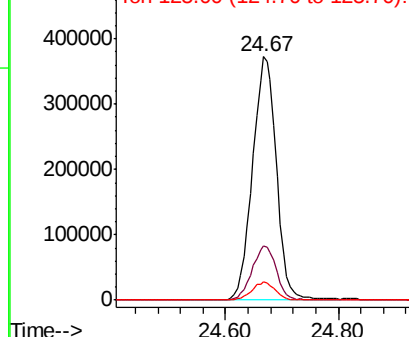
252 100

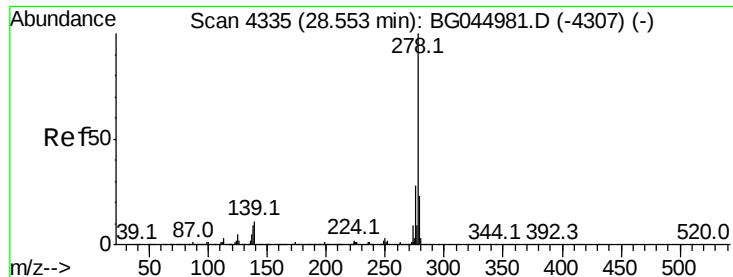
253 22.0 18.3 27.5

125 7.6 7.0 10.6



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





#91

Dibenzo(a,h)anthracene

Concen: 45.419 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB128670BSD

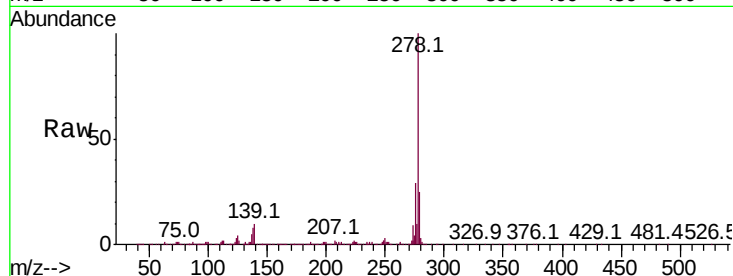
Tot Ion:278 Resp: 1151983

Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	25.0	18.4	27.6

278 100

139 9.9 9.0 13.6

279 25.0 18.4 27.6

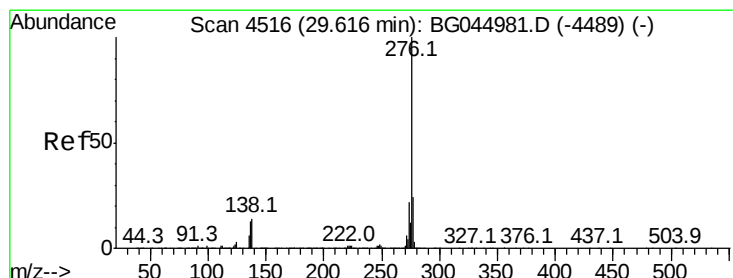
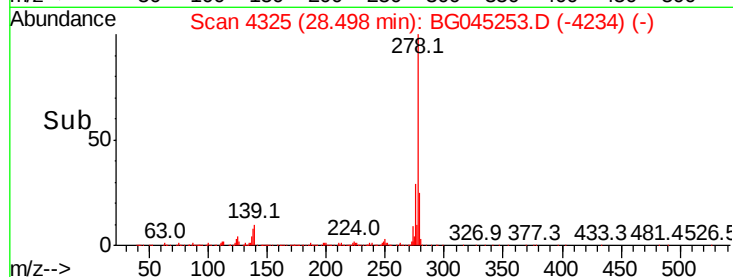
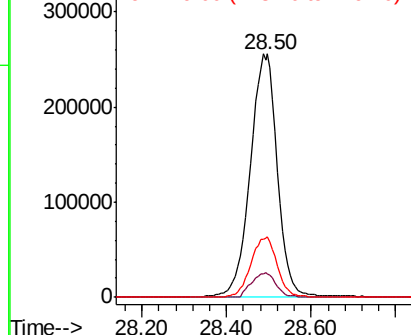


Abundance

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: 45.878 ng

RT: 29.56 min Scan# 4506

Delta R.T. 0.01 min

Lab File: BG045253.D

Acq: 6 May 2020 14:59

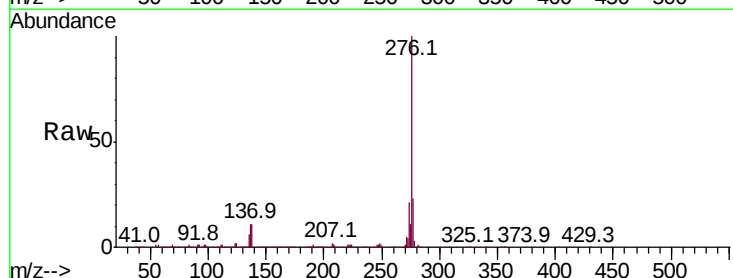
Tgt Ion:276 Resp: 1166586

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.3	28.9
138	11.5	11.4	17.2

276 100

277 23.0 19.3 28.9

138 11.5 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

