

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051420\
 Data File : BG045378.D
 Acq On : 14 May 2020 15:10
 Operator : CG/JU
 Sample : PB128809BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

Quant Time: May 14 15:53:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62078	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	251017	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	181478	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	443154	20.00	ng	0.00
76) Chrysene-d12	21.63	240	421300	20.00	ng	0.00
87) Perylene-d12	24.79	264	459505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	410257	109.11	ng	0.00
7) Phenol-d6	7.14	99	580925	103.98	ng	0.00
23) Nitrobenzene-d5	9.13	82	369992	67.26	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	286689	102.26	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	866196	69.99	ng	0.00
79) Terphenyl-d14	19.98	244	1554662	80.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	52665	31.516	ng	97
3) Pyridine	3.82	79	120868	23.492	ng	96
4) n-Nitrosodimethylamine	3.73	42	53293	33.812	ng	98
6) Aniline	7.29	93	133047	18.317	ng	98
8) 2-Chlorophenol	7.53	128	153879	38.078	ng	99
9) Benzaldehyde	7.10	77	112211	34.041	ng	94
10) Phenol	7.17	94	206257	36.894	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	139746	31.397	ng	99
12) 1,3-Dichlorobenzene	7.86	146	159565	33.508	ng	97
13) 1,4-Dichlorobenzene	8.00	146	163397	34.436	ng	99
14) 1,2-Dichlorobenzene	8.33	146	152657	33.629	ng	97
15) Benzyl Alcohol	8.20	79	155300	33.156	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	134864	30.867	ng	95
17) 2-Methylphenol	8.42	107	138807	32.181	ng	97
18) Hexachloroethane	9.06	117	62008	34.762	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	125758	31.830	ng	98
20) 3+4-Methylphenols	8.75	107	192986	31.965	ng	97
22) Acetophenone	8.79	105	234700	34.575	ng	98
24) Nitrobenzene	9.17	77	190281	33.744	ng	# 95
25) Isophorone	9.70	82	361734	32.109	ng	97
26) 2-Nitrophenol	9.88	139	87468	36.010	ng	96
27) 2,4-Dimethylphenol	9.95	122	146428	37.993	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	202556	34.220	ng	96
29) 2,4-Dichlorophenol	10.43	162	161333	36.252	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	172563	34.248	ng	95
31) Naphthalene	10.83	128	467944	34.077	ng	100
32) Benzoic acid	10.10	122	81982	29.208	ng	94
33) 4-Chloroaniline	10.94	127	53208	8.308	ng	97
34) Hexachlorobutadiene	11.12	225	117359	33.972	ng	94
35) Caprolactam	11.73	113	30224	17.064	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	183440	35.088	ng	99
37) 2-Methylnaphthalene	12.44	142	354090	33.222	ng	98
38) 1-Methylnaphthalene	12.66	142	338836	33.675	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	199679	34.173	ng	99

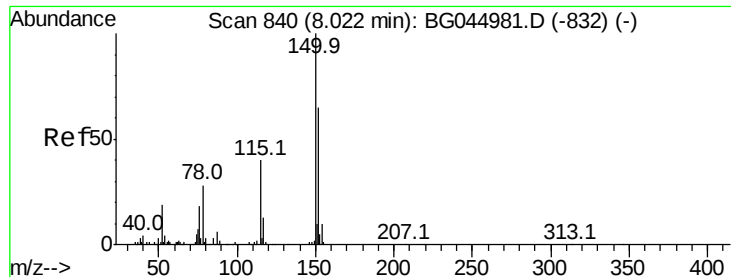
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051420\
 Data File : BG045378.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	277037	75.858	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	142128	34.465	ng	90
44) 2,4,5-Trichlorophenol	13.13	196	155293	33.083	ng	98
46) 1,1'-Biphenyl	13.44	154	468330	33.953	ng	97
47) 2-Chloronaphthalene	13.49	162	351242	33.326	ng	100
48) 2-Nitroaniline	13.69	65	115573	33.328	ng	99
49) Acenaphthylene	14.34	152	602308	35.084	ng	99
50) Dimethylphthalate	14.07	163	498666	33.747	ng	99
51) 2,6-Dinitrotoluene	14.18	165	114690	34.701	ng	94
52) Acenaphthene	14.68	154	353475	30.431	ng	99
53) 3-Nitroaniline	14.51	138	45017	12.419	ng	99
54) 2,4-Dinitrophenol	14.72	184	141315	71.904	ng	93
55) Dibenzofuran	15.02	168	573003	33.836	ng	99
56) 4-Nitrophenol	14.84	139	187174	66.594	ng	96
57) 2,4-Dinitrotoluene	14.98	165	162747	33.694	ng	99
58) Fluorene	15.66	166	478821	34.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	148731	35.610	ng	98
60) Diethylphthalate	15.44	149	520597	33.791	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	266787	33.508	ng	97
62) 4-Nitroaniline	15.68	138	110786	29.466	ng	91
63) Azobenzene	15.95	77	488271	34.376	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	106678	36.623	ng	98
66) n-Nitrosodiphenylamine	15.87	169	429197	33.708	ng	100
67) 4-Bromophenyl-phenylether	16.55	248	182640	31.947	ng	98
68) Hexachlorobenzene	16.67	284	198908	33.547	ng	99
69) Atrazine	16.82	200	171497	35.969	ng	98
70) Pentachlorophenol	17.02	266	230723	63.431	ng	99
71) Phenanthrene	17.40	178	789285	34.660	ng	98
72) Anthracene	17.50	178	811948	35.544	ng	99
73) Carbazole	17.77	167	760773	32.818	ng	98
74) Di-n-butylphthalate	18.33	149	934023	35.769	ng	99
75) Fluoranthene	19.42	202	1014195	36.761	ng	97
77) Benzidine	19.59	184	331777	24.473	ng	96
78) Pyrene	19.78	202	1004123	34.572	ng	99
80) Butylbenzylphthalate	20.67	149	406463	33.761	ng	96
81) Benzo(a)anthracene	21.61	228	935252	34.251	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	159332	14.660	ng	99
83) Chrysene	21.67	228	895339	34.126	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	563372	34.024	ng	98
85) Di-n-octyl phthalate	22.71	149	934401	32.633	ng	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1137458	32.654	ng	100
88) Benzo(b)fluoranthene	23.79	252	992239	34.473	ng	98
89) Benzo(k)fluoranthene	23.86	252	942456	34.430	ng	97
90) Benzo(a)pyrene	24.64	252	899713	33.107	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	933756	34.099	ng	98
92) Benzo(g,h,i)perylene	29.50	276	951273	34.650	ng	98

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

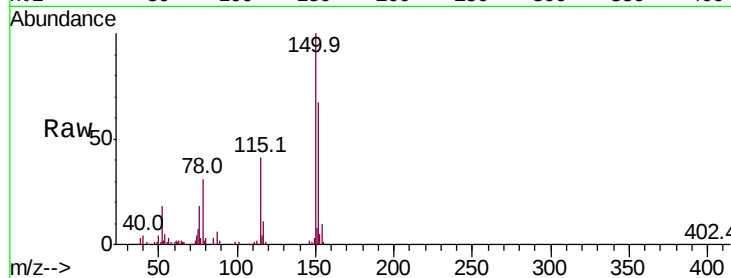


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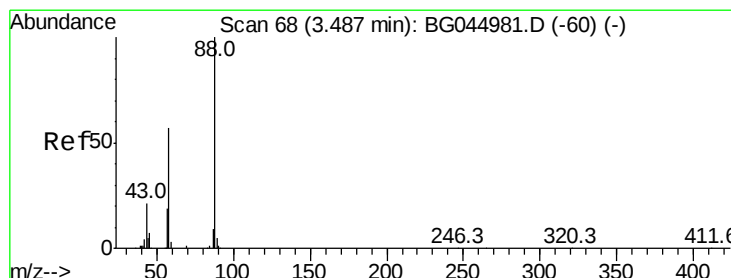
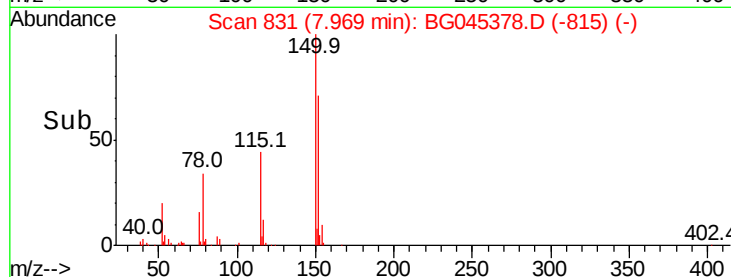
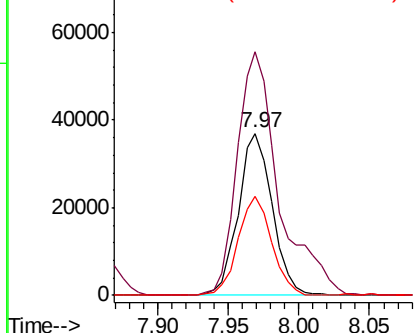
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

Tot Ion:152 Resp: 62078
 Ion Ratio Lower Upper
 152 100
 150 150.1 123.6 185.4
 115 60.9 49.1 73.7



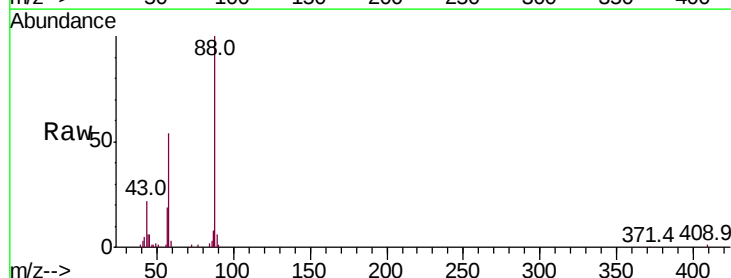
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



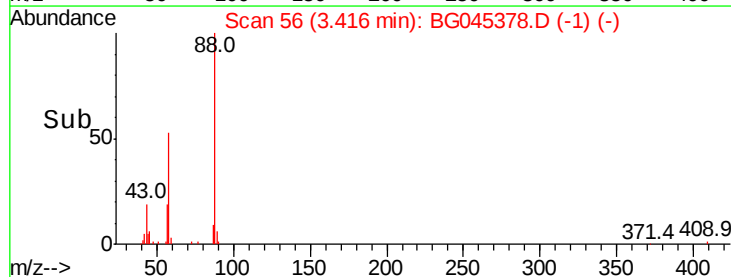
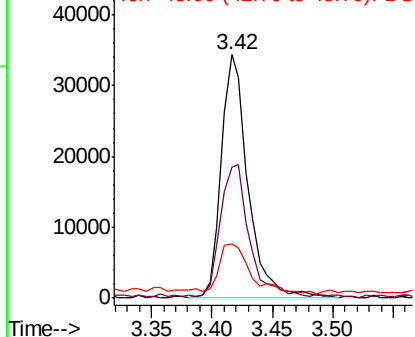
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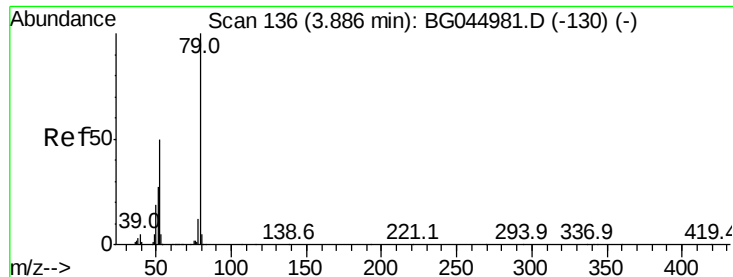
1,4-Dioxane
 Concen: 31.516 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion: 88 Resp: 52665
 Ion Ratio Lower Upper
 88 100
 58 57.4 46.6 69.8
 43 24.9 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: 23.492 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

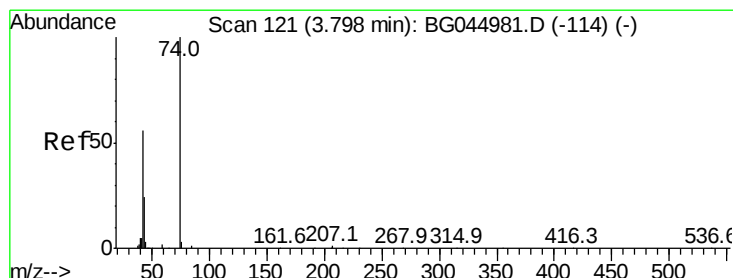
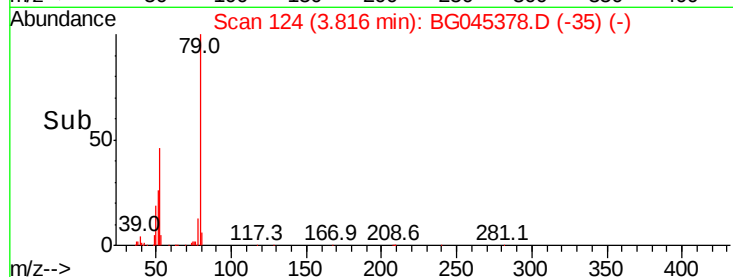
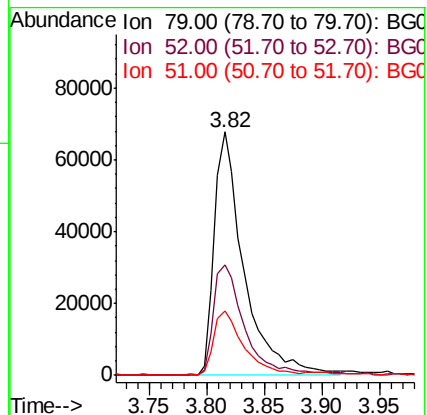
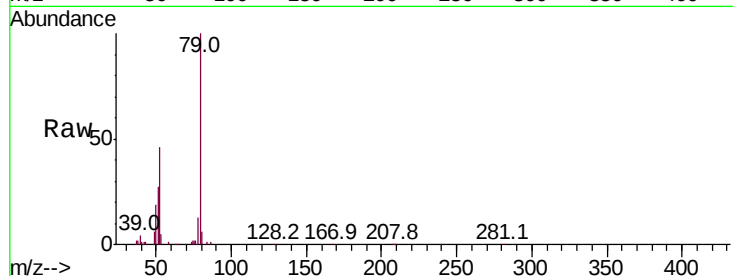
Tot Ion: 79 Resp: 120868

Ion Ratio Lower Upper

79 100

52 45.5 39.8 59.6

51 26.7 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 33.812 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

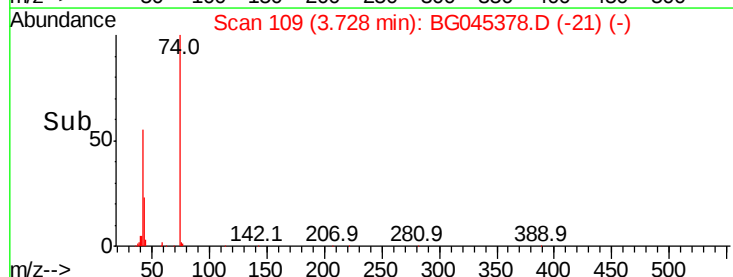
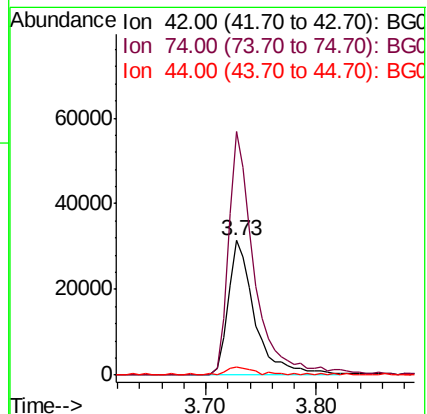
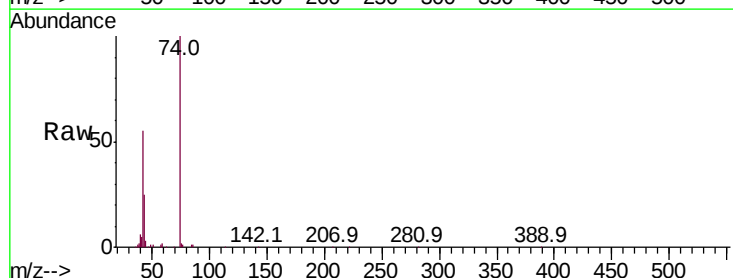
Tgt Ion: 42 Resp: 53293

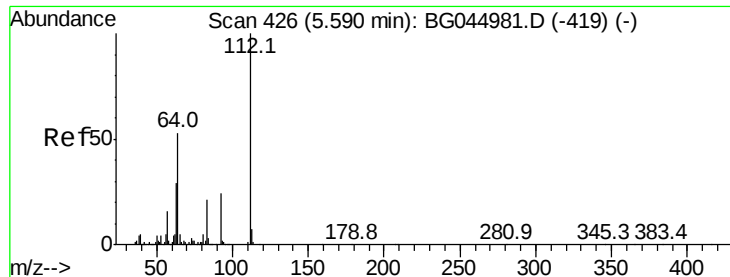
Ion Ratio Lower Upper

42 100

74 181.2 143.0 214.6

44 6.2 4.6 6.8





#5

2-Fluorophenol

Concen: 109.107 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

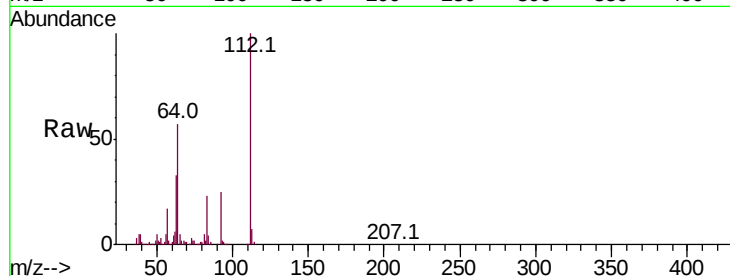
Tot Ion:112 Resp: 410257

Ion Ratio Lower Upper

112 100

64 57.4 42.4 63.6

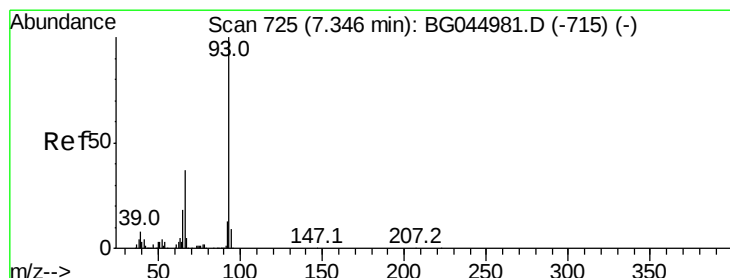
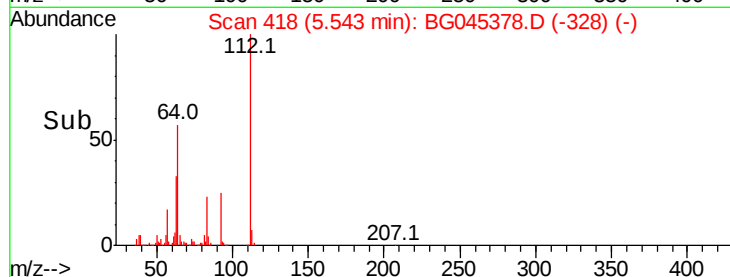
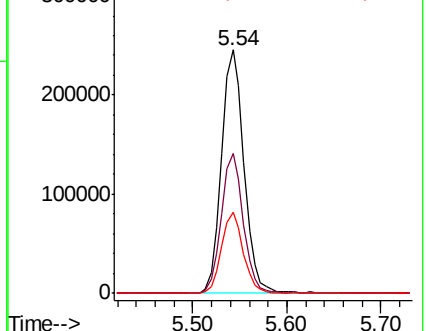
63 33.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.317 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

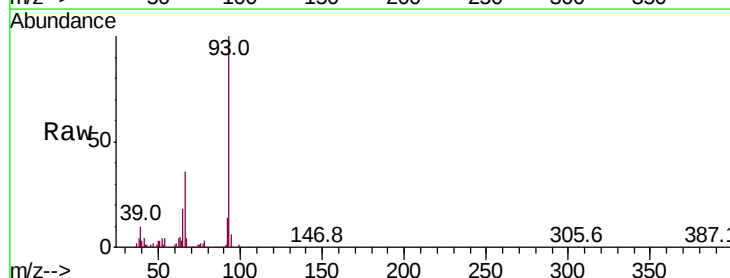
Tgt Ion: 93 Resp: 133047

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

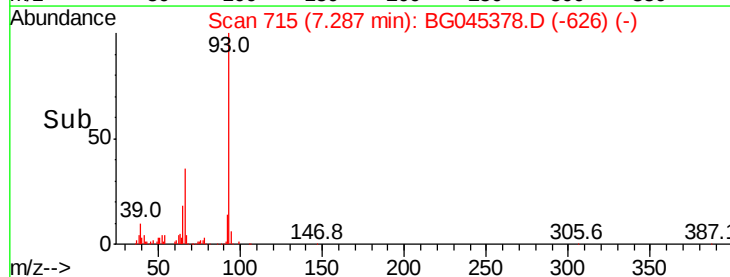
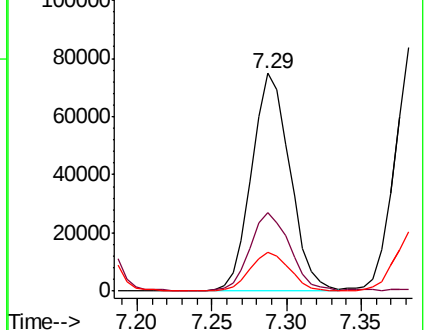
65 17.7 14.6 22.0



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: 103.985 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

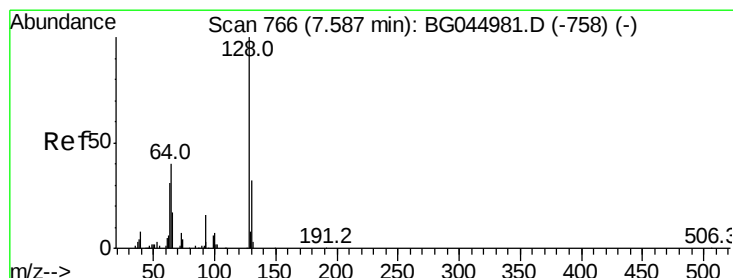
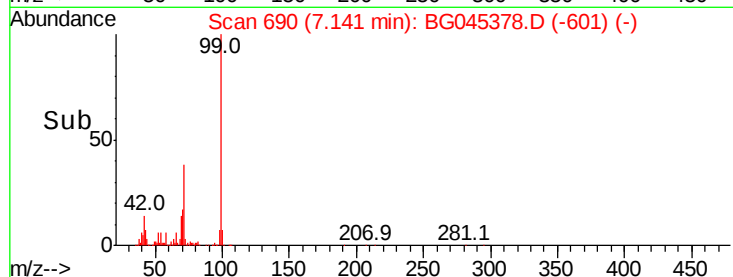
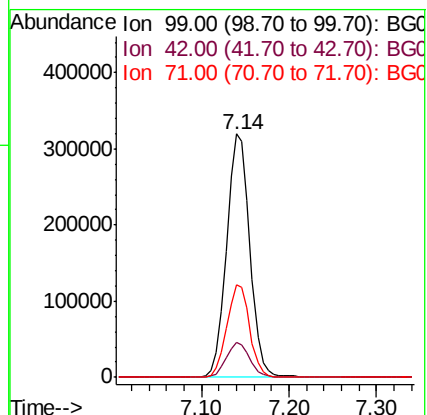
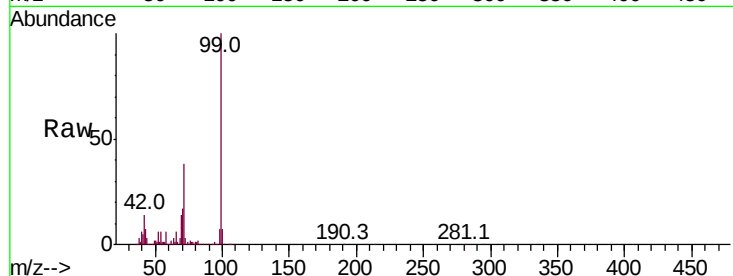
Tot Ion: 99 Resp: 580925

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 37.9 28.3 42.5



#8

2-Chlorophenol

Concen: 38.078 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

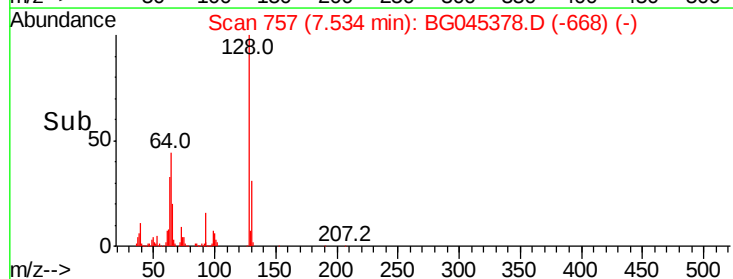
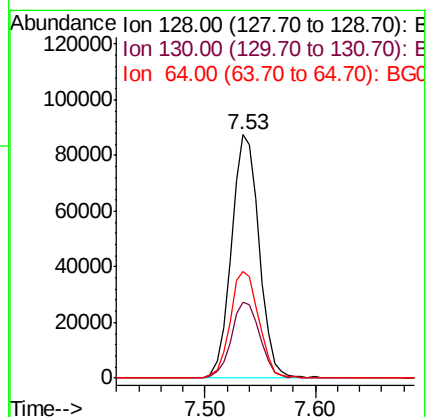
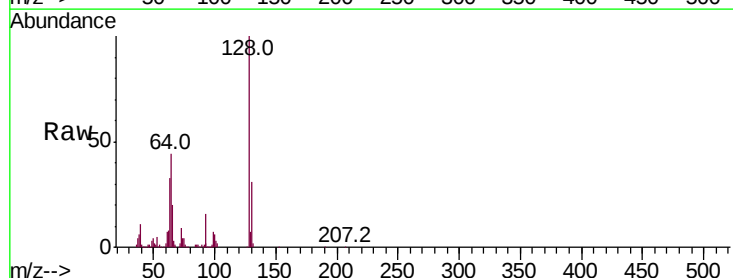
Tgt Ion:128 Resp: 153879

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

64 43.6 24.4 64.4





#9

Benzaldehyde

Concen: 34.041 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

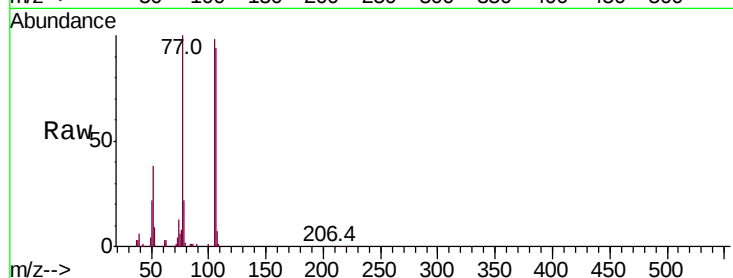
Tot Ion: 77 Resp: 112211

Ion Ratio Lower Upper

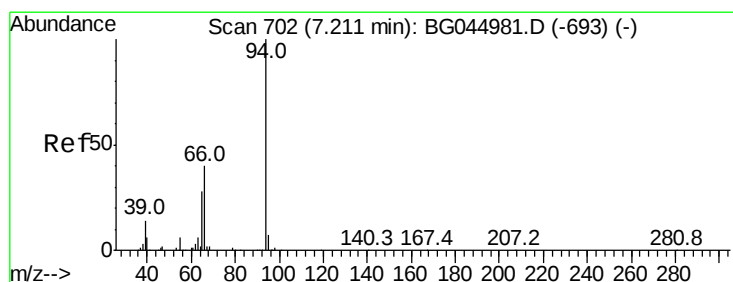
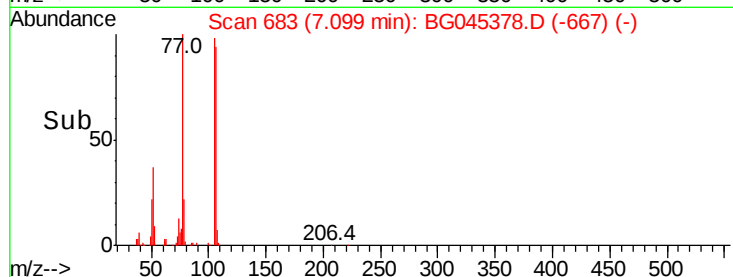
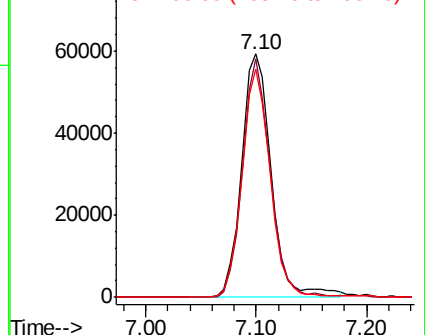
77 100

105 98.0 72.9 112.9

106 93.6 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: 36.894 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

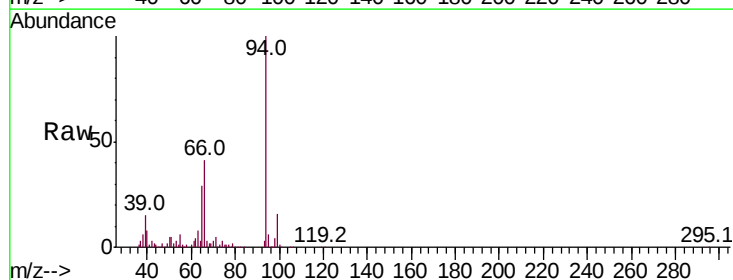
Tgt Ion: 94 Resp: 206257

Ion Ratio Lower Upper

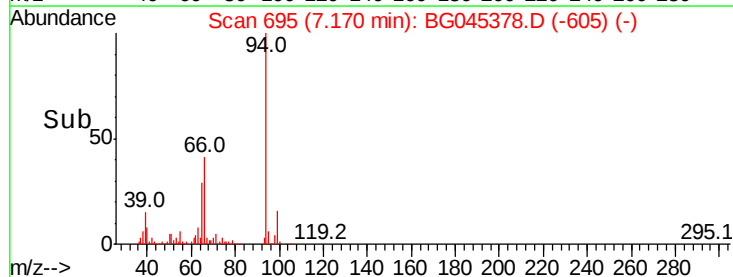
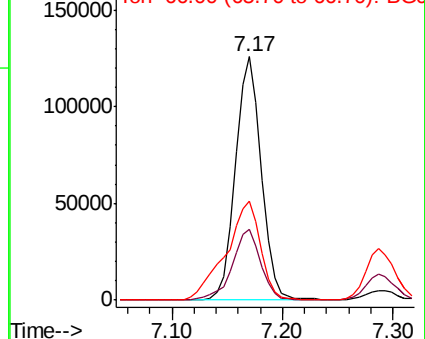
94 100

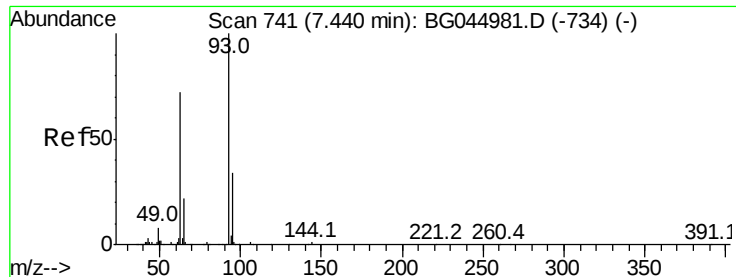
65 28.9 8.2 48.2

66 40.8 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

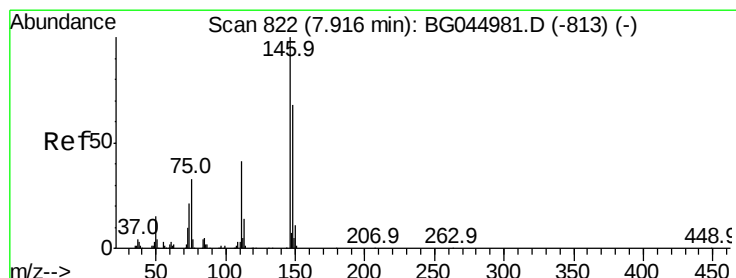
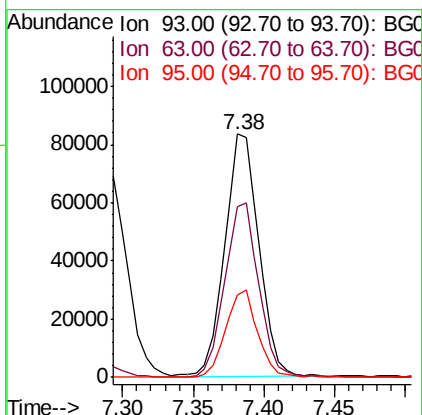
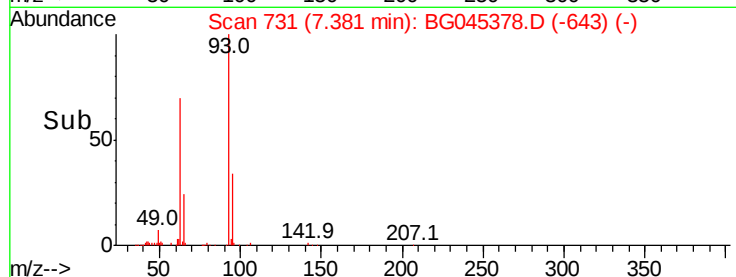
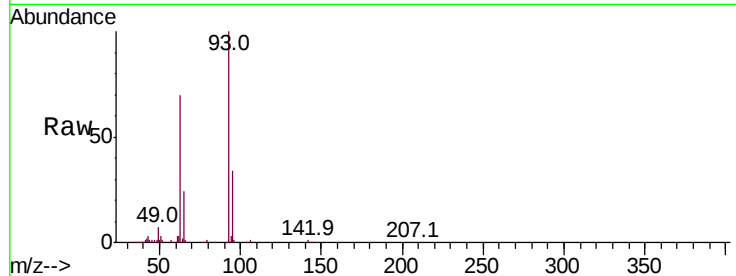




#11
bis(2-Chloroethyl)ether
Concen: 31.397 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

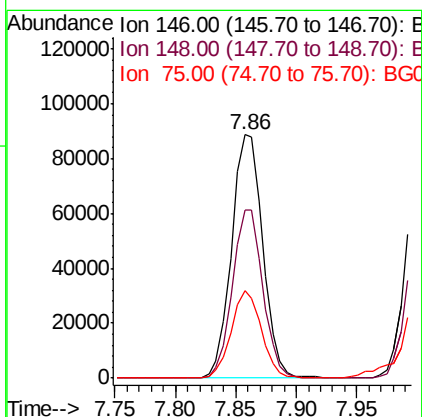
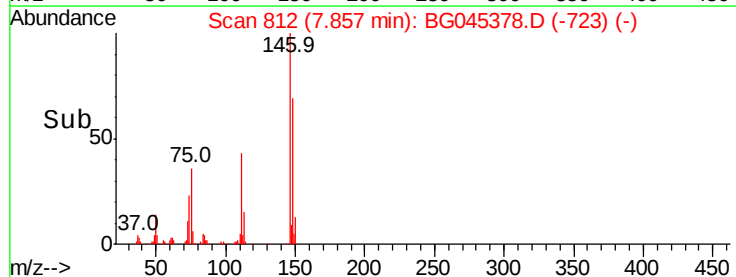
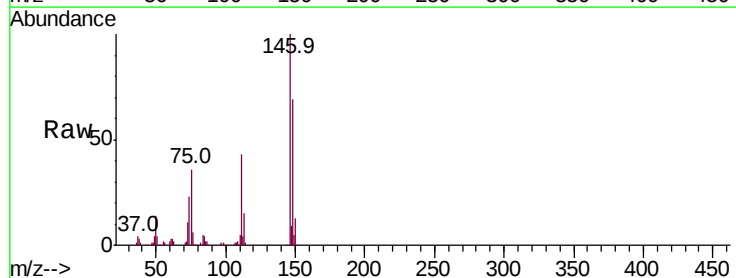
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

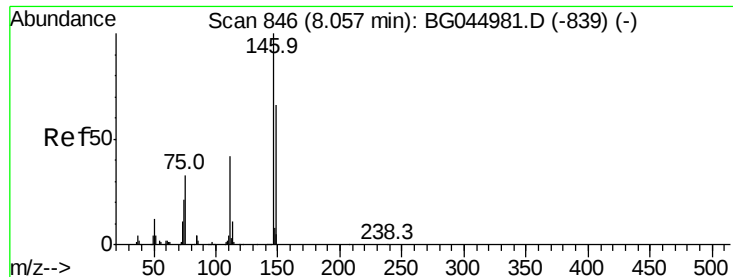
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.8	91.8
95	33.6	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 33.508 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	54.6	81.8
75	35.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 34.436 ng

RT: 8.00 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

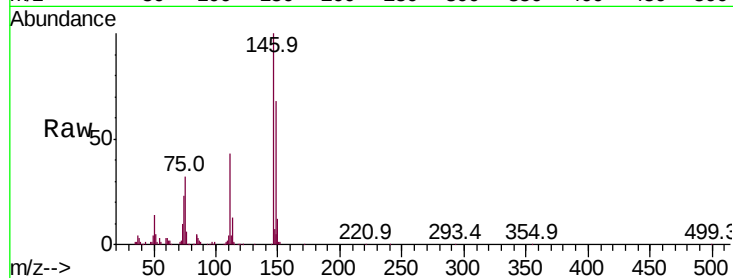
Tot Ion:146 Resp: 163397

Ion Ratio Lower Upper

146 100

148 68.3 53.3 79.9

111 42.5 33.8 50.8

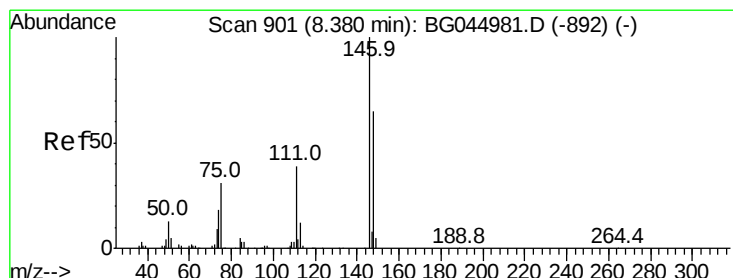
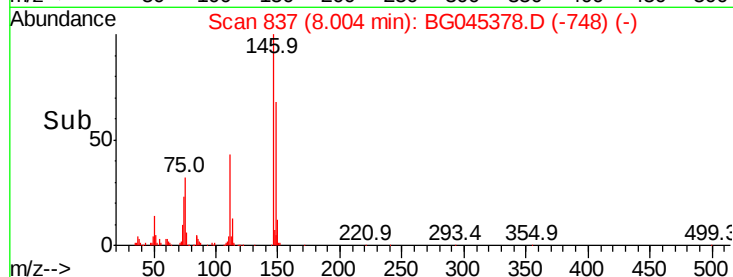
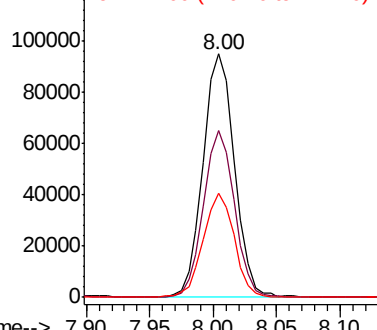


Abundance

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: 33.629 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

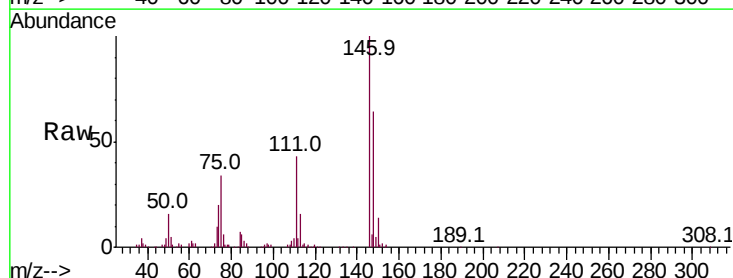
Tgt Ion:146 Resp: 152657

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

111 43.4 31.3 46.9

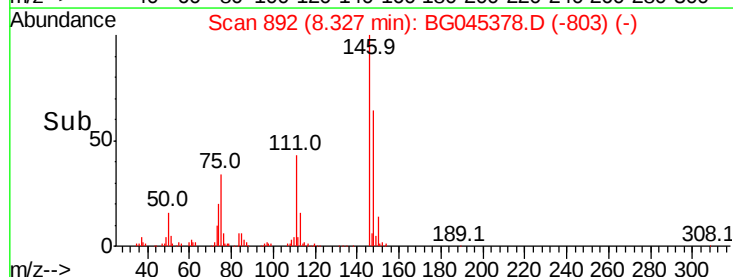
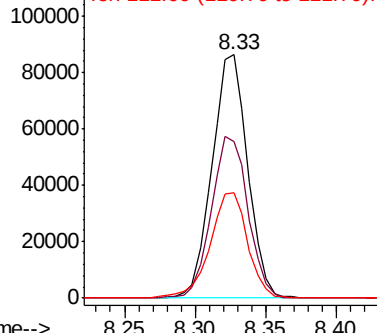


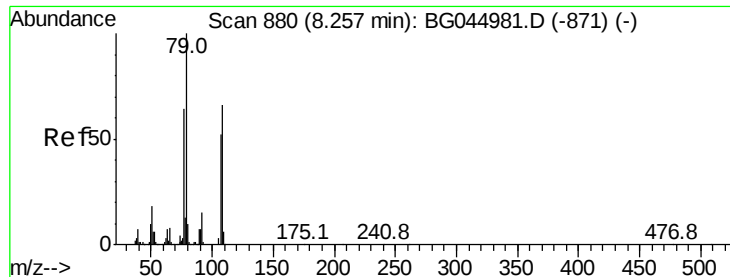
Abundance

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: 33.156 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

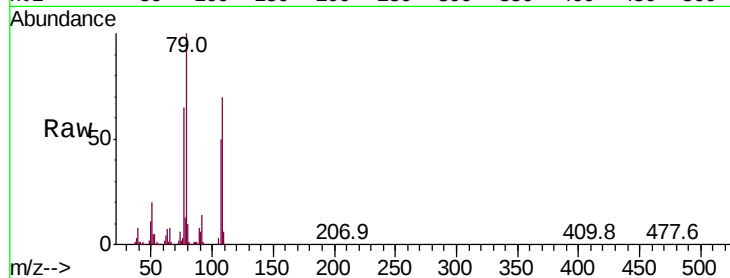
Tot Ion: 79 Resp: 155300

Ion Ratio Lower Upper

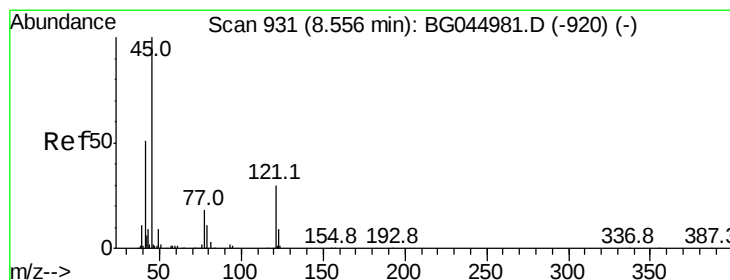
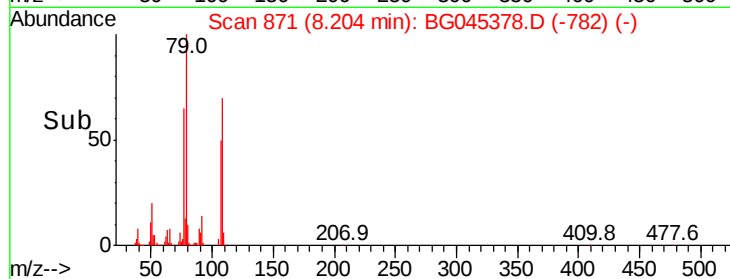
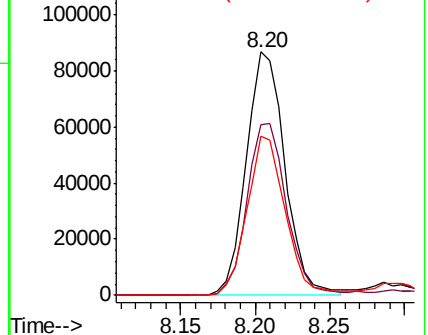
79 100

108 70.0 52.7 79.1

77 65.1 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: 30.867 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

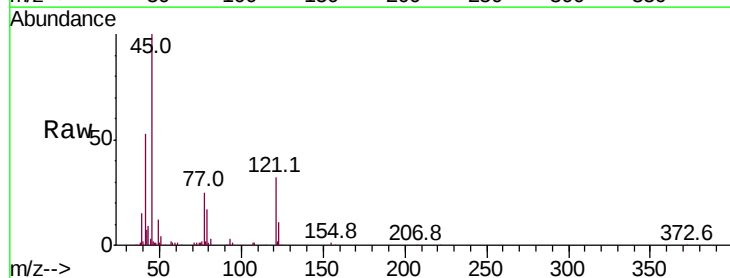
Tgt Ion: 45 Resp: 134864

Ion Ratio Lower Upper

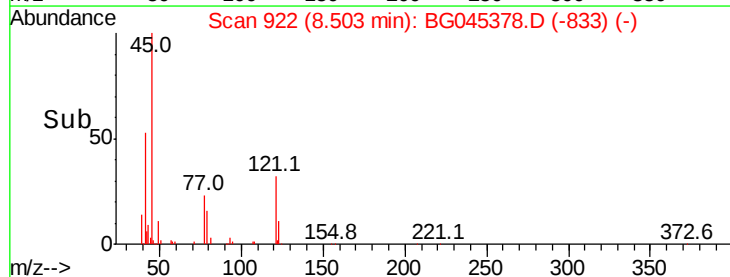
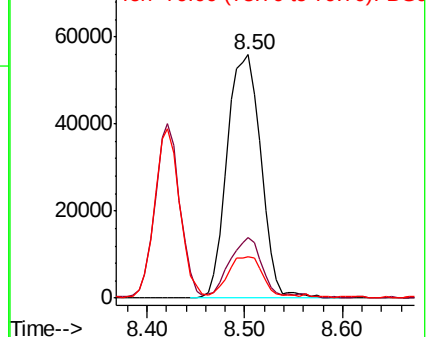
45 100

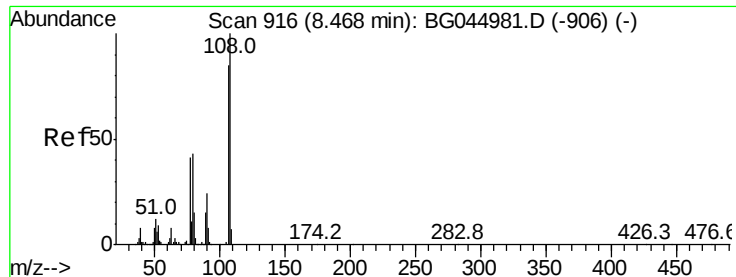
77 25.0 1.9 41.9

79 17.1 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: 32.181 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

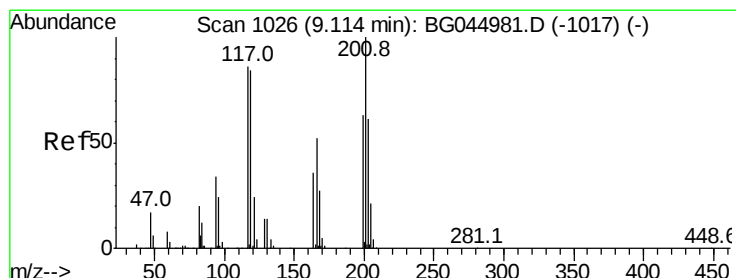
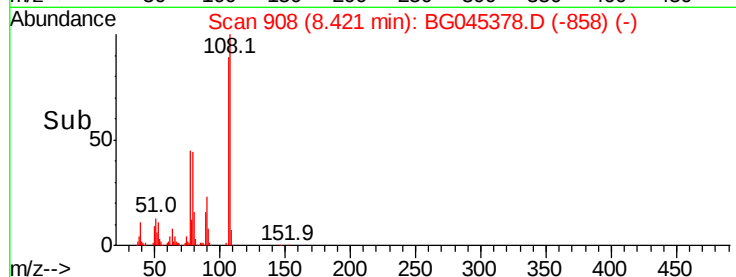
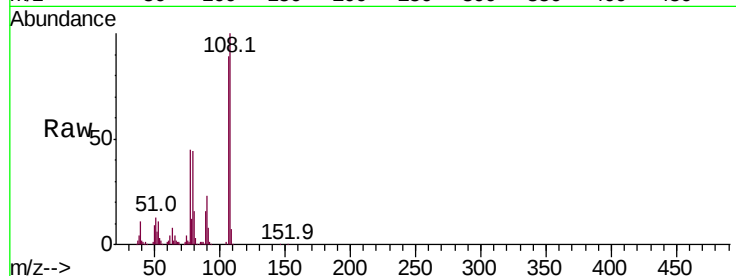
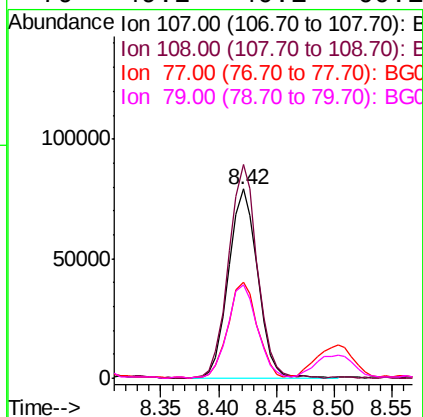
Instrument :

BNA_G

ClientSampleId :

PB128809BSD

Tot Ion:	107	Resp:	138807
Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.8	140.6
77	50.4	38.5	57.7
79	49.2	40.1	60.1



#18

Hexachloroethane

Concen: 34.762 ng

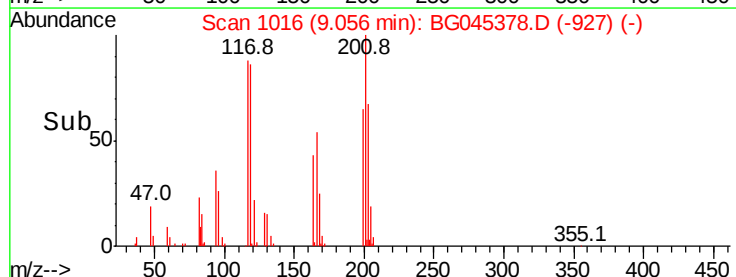
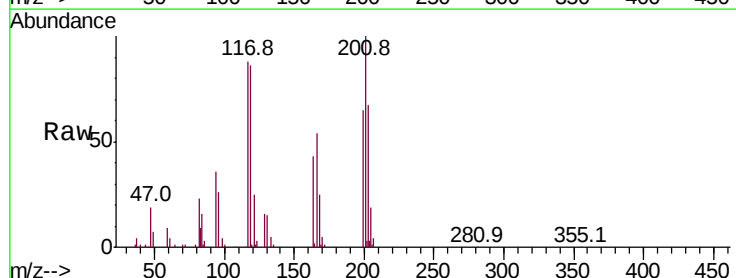
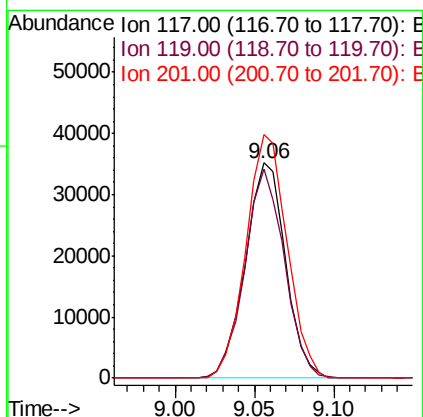
RT: 9.06 min Scan# 1016

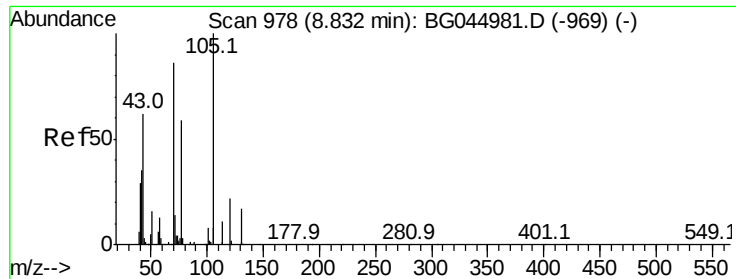
Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Tgt Ion:	117	Resp:	62008
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.3	117.5
201	113.3	92.9	139.3

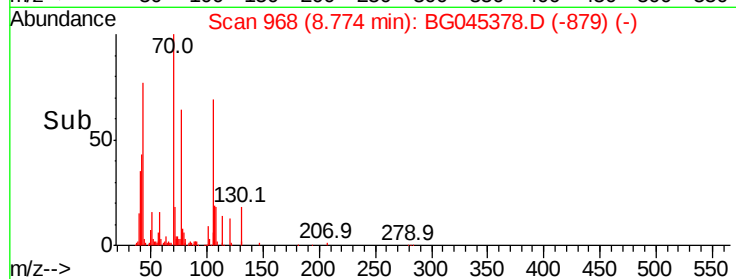
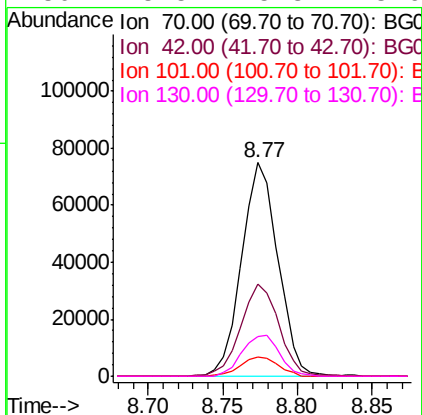
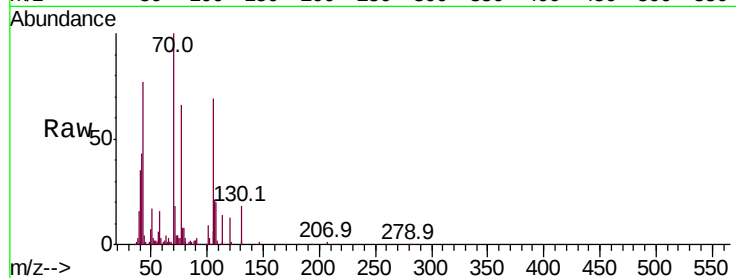




#19
n-Nitroso-di-n-propylamine
Concen: 31.830 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

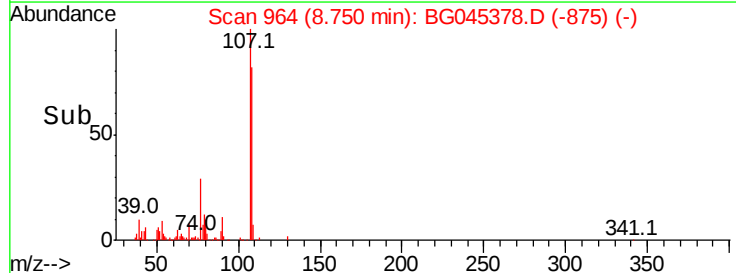
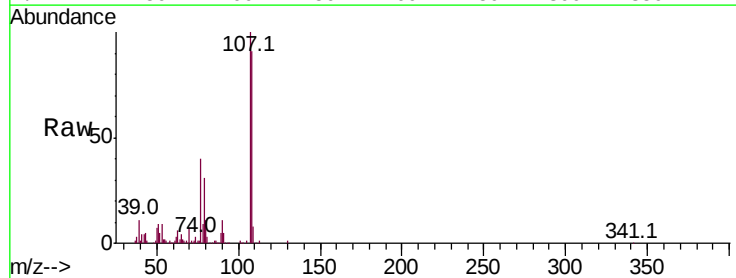
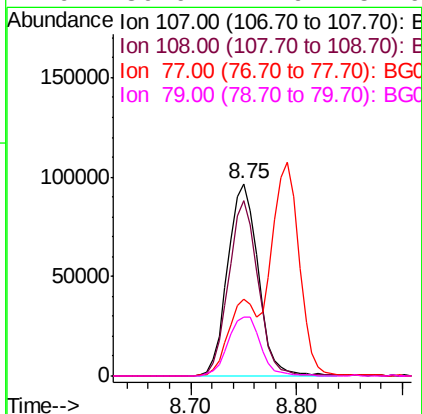
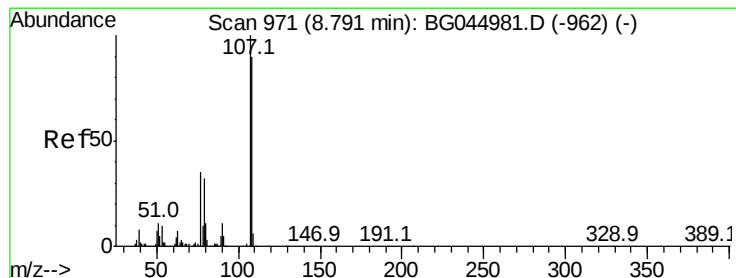
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

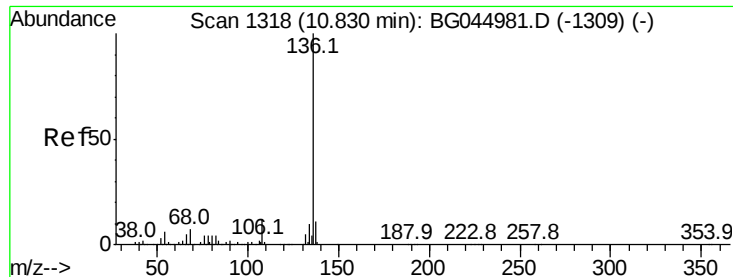
Tot Ion:	70	Resp:	125758
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	9.1	7.8	11.8
130	18.5	15.8	23.6



#20
3+4-Methylphenols
Concen: 31.965 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:	107	Resp:	192986
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	39.7	15.2	55.2
79	30.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

Tot Ion:136 Resp: 251017

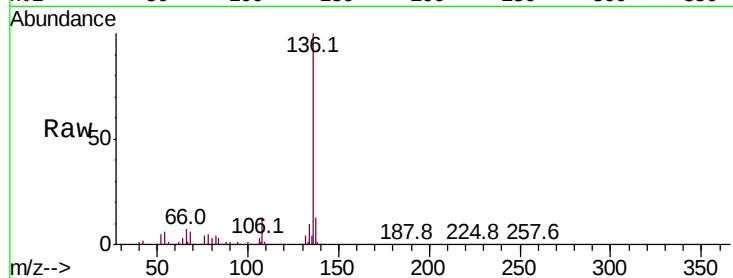
Ion Ratio Lower Upper

136 100

137 12.6 8.6 13.0

54 6.2 4.8 7.2

68 5.5 5.2 7.8

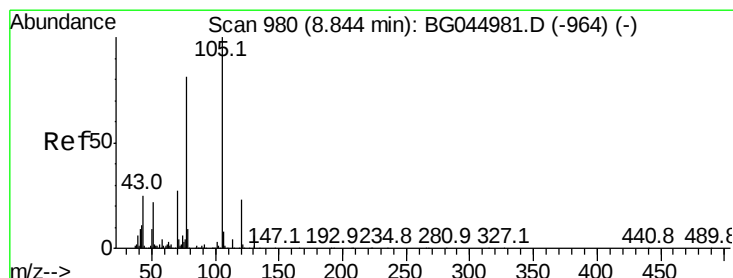
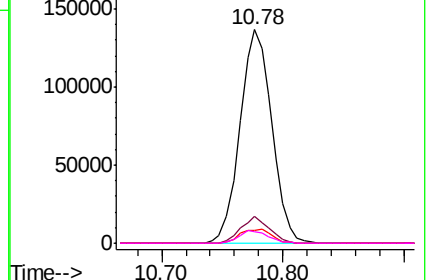
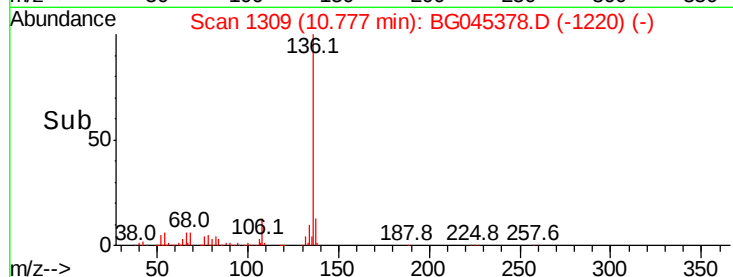


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.575 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Tgt Ion:105 Resp: 234700

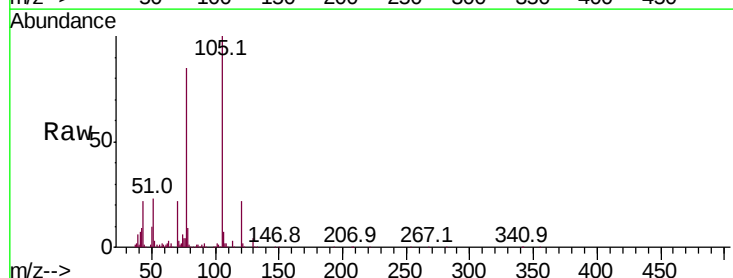
Ion Ratio Lower Upper

105 100

71 3.3 3.3 4.9

51 22.8 17.3 25.9

120 21.9 18.4 27.6

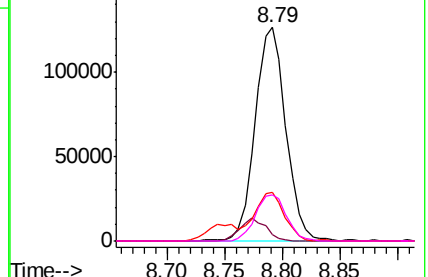
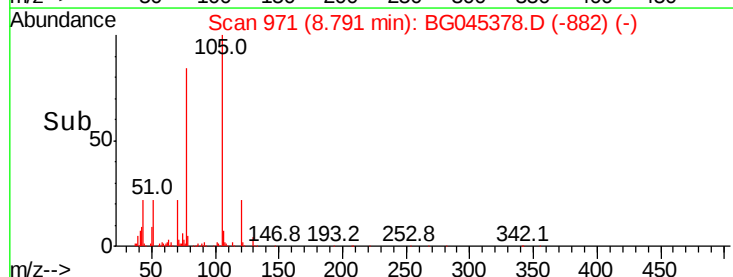


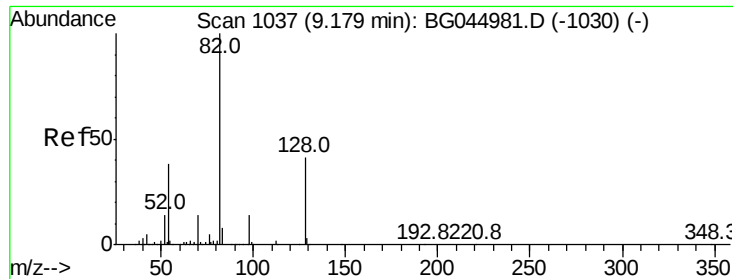
Abundance Ion 105.00 (104.70 to 105.70): E

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

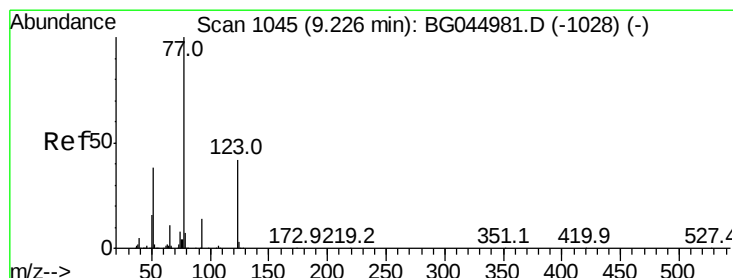
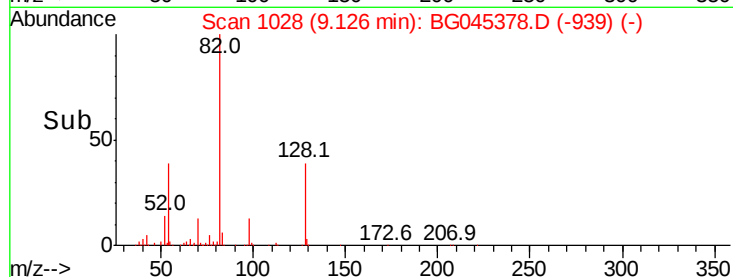
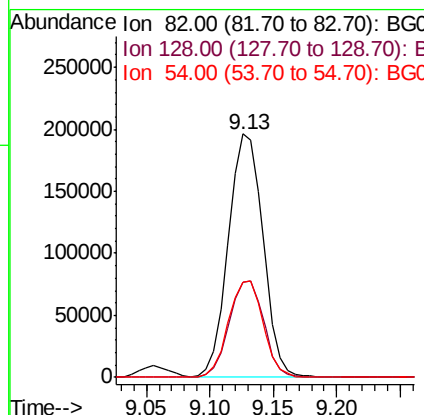
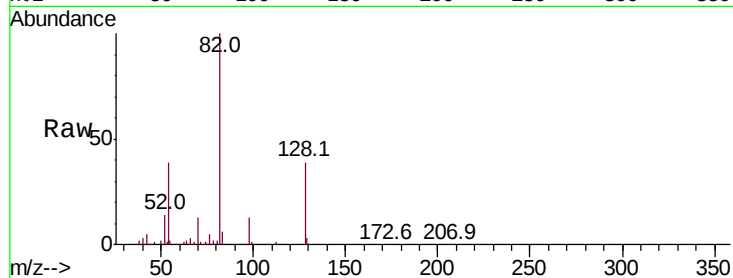




#23
 Nitrobenzene-d5
 Concen: 67.256 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

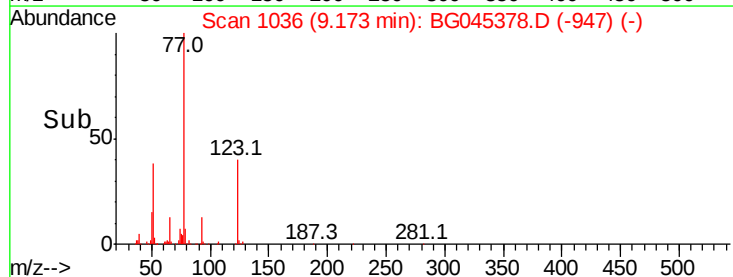
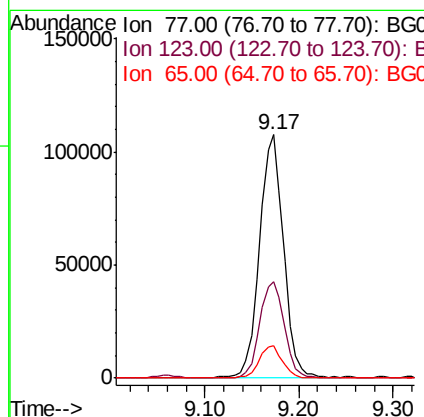
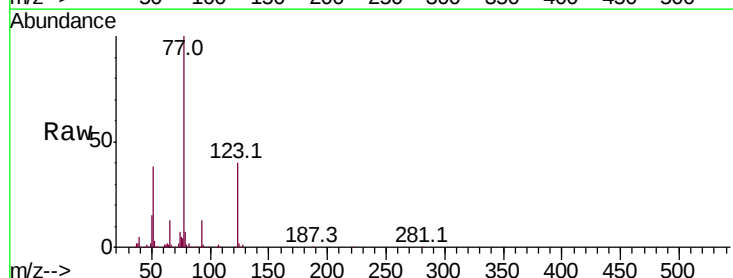
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

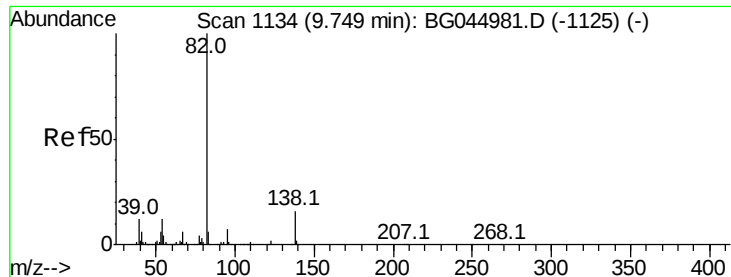
Tot Ion	82	Resp	369992
Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.4
54	39.2	30.4	45.6



#24
 Nitrobenzene
 Concen: 33.744 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion	77	Resp	190281
Ion	Ratio	Lower	Upper
77	100		
123	39.5	34.3	51.5
65	13.3	8.9	13.3#





#25

Isophorone

Concen: 32.109 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

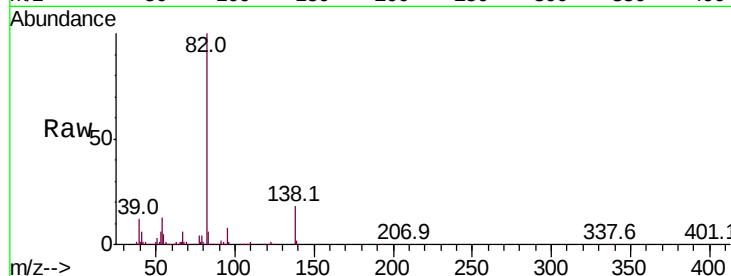
Tot Ion: 82 Resp: 361734

Ion Ratio Lower Upper

82 100

95 8.1 6.0 9.0

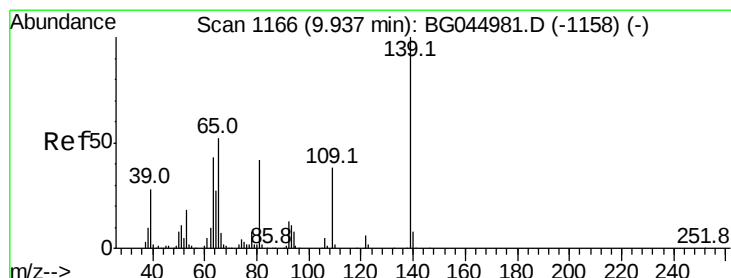
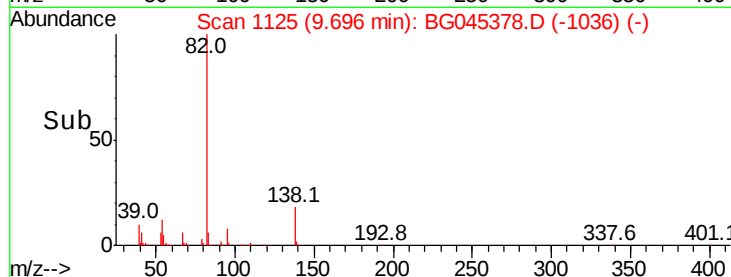
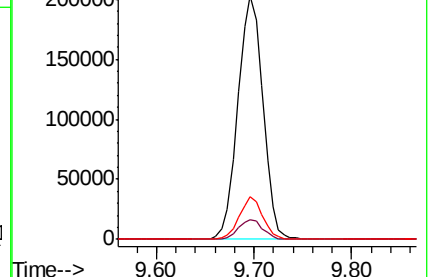
138 17.5 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BG044981.D (-1125) (-)

Ion 95.00 (94.70 to 95.70): BG044981.D (-1125) (-)

Ion 138.00 (137.70 to 138.70): BG044981.D (-1125) (-)



#26

2-Nitrophenol

Concen: 36.010 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

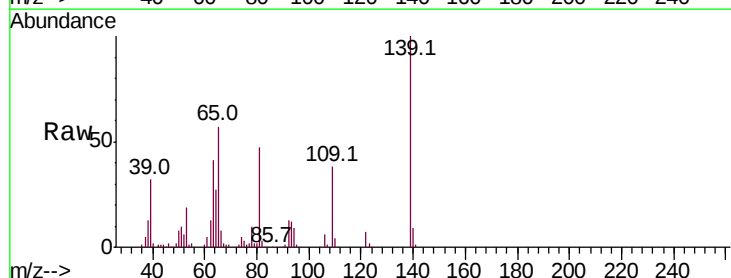
Tgt Ion: 139 Resp: 87468

Ion Ratio Lower Upper

139 100

109 38.5 30.6 45.8

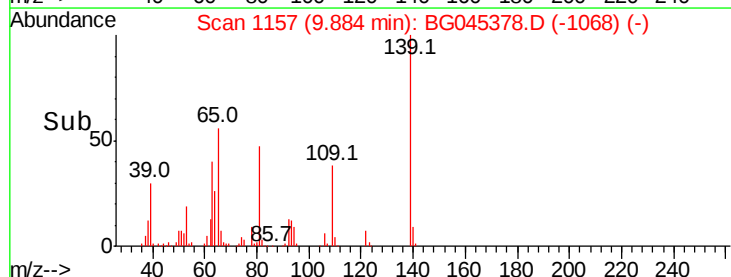
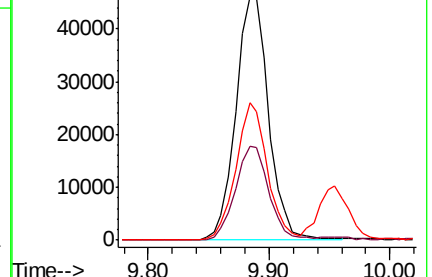
65 56.7 41.8 62.6

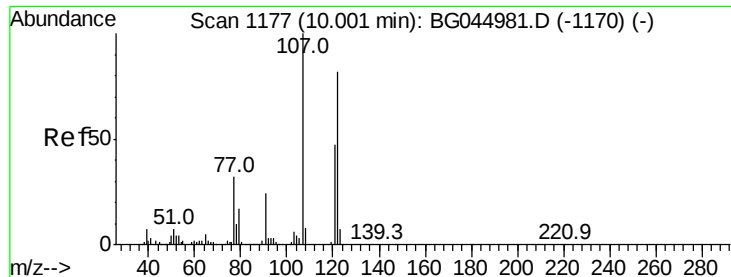


Abundance Ion 139.00 (138.70 to 139.70): BG044981.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG044981.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG044981.D (-1158) (-)

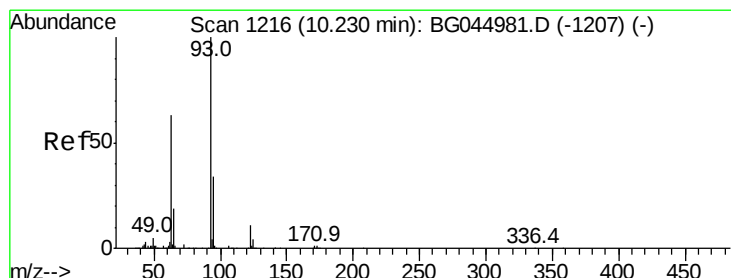
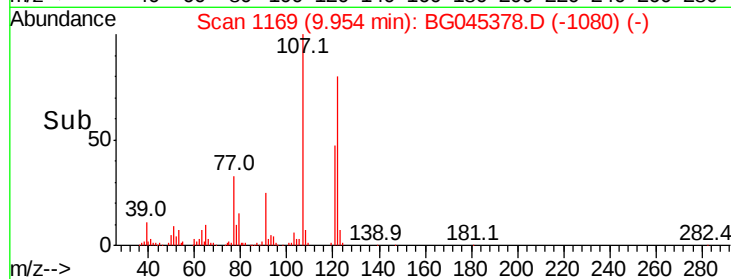
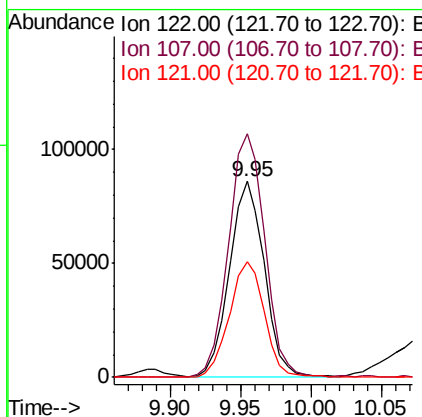
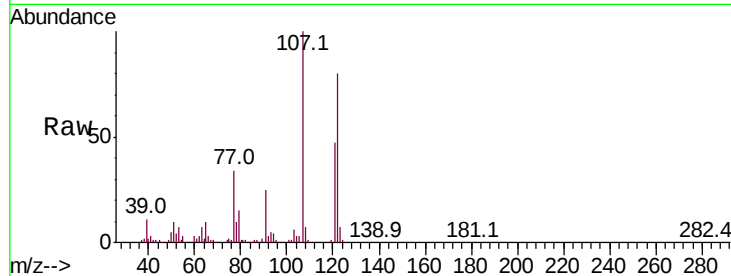




#27
2,4-Dimethylphenol
Concen: 37.993 ng
RT: 9.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

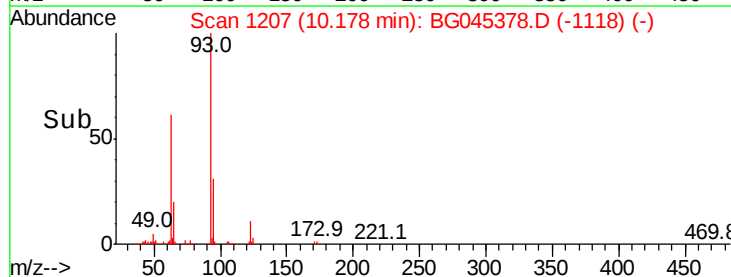
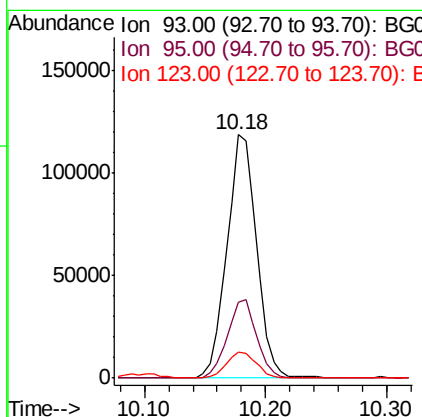
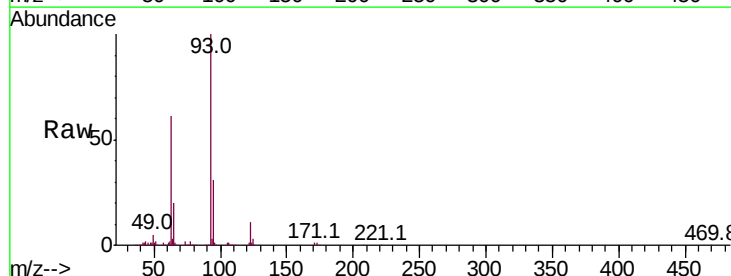
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

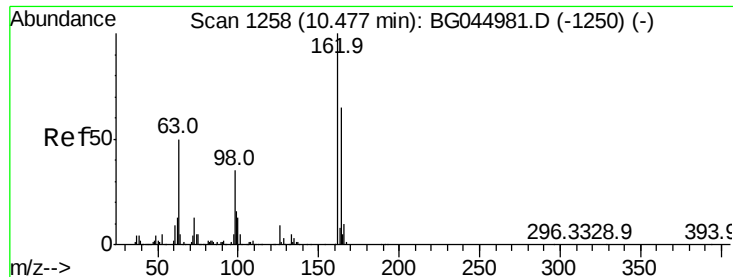
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	96.8	145.2
121	58.8	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 34.220 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	27.0	40.4
123	10.6	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 36.252 ng

RT: 10.43 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

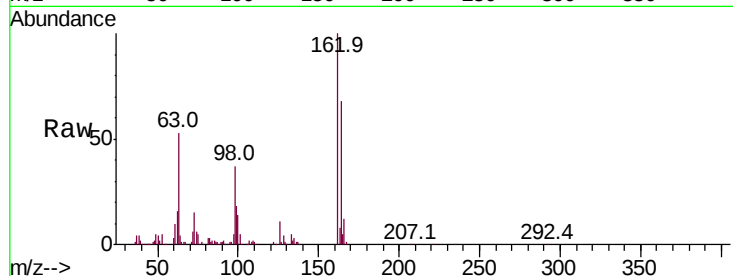
Tot Ion:162 Resp: 161333

Ion Ratio Lower Upper

162 100

164 68.4 45.0 85.0

98 36.7 15.2 55.2

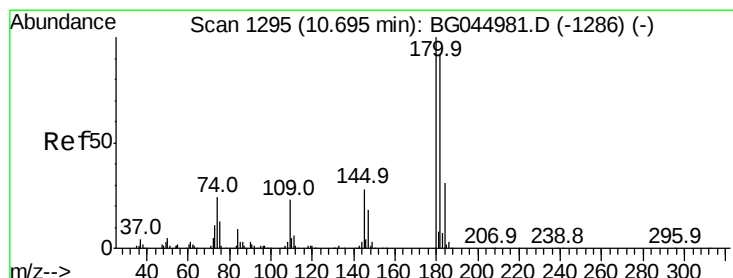
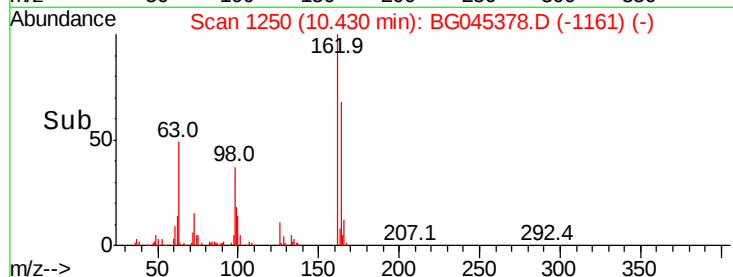
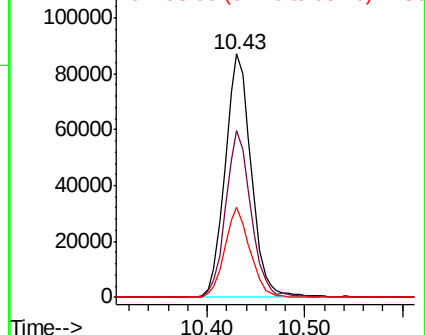


Abundance

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): B



#30

1,2,4-Trichlorobenzene

Concen: 34.248 ng

RT: 10.64 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

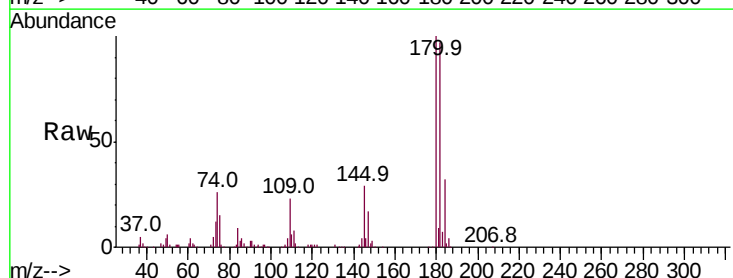
Tgt Ion:180 Resp: 172563

Ion Ratio Lower Upper

180 100

182 96.9 73.3 109.9

145 29.2 22.6 33.8

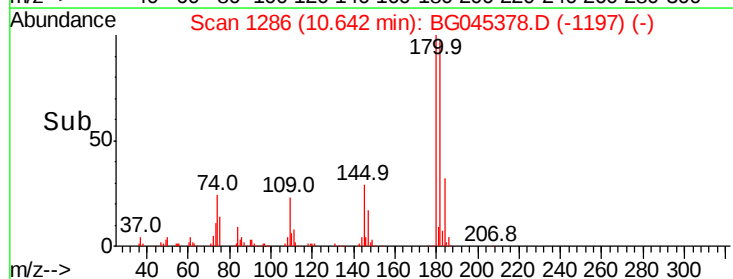
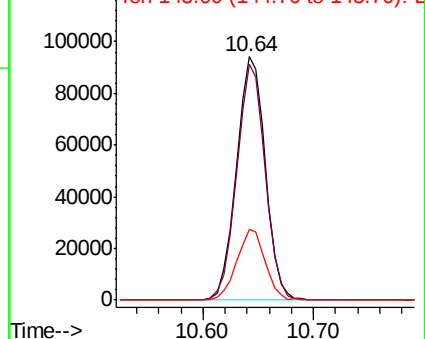


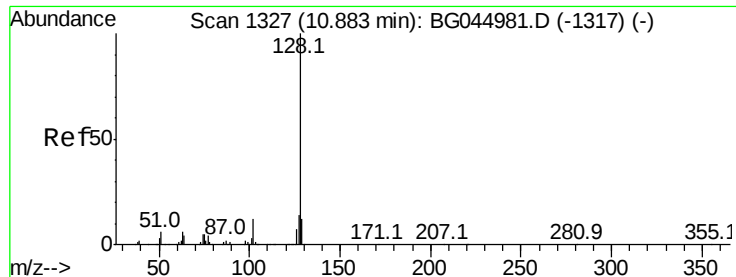
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

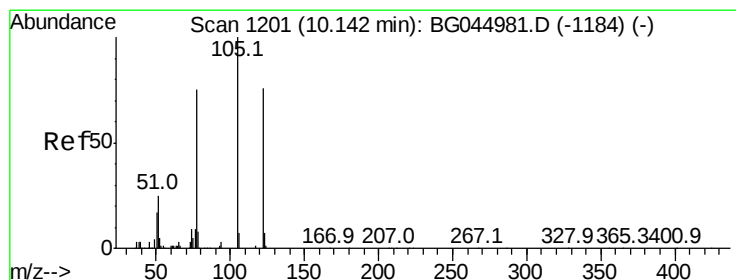
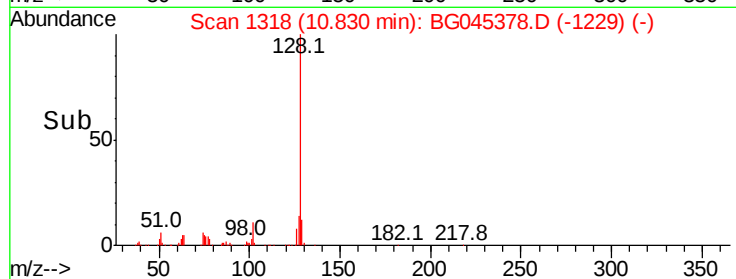
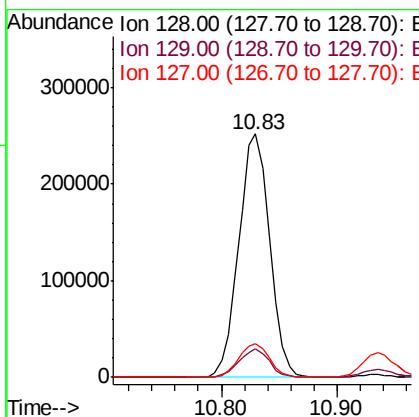
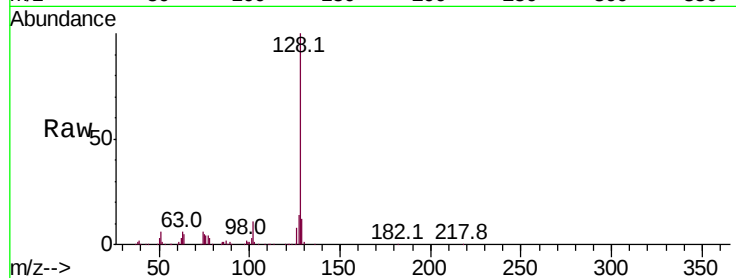




#31
Naphthalene
Concen: 34.077 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

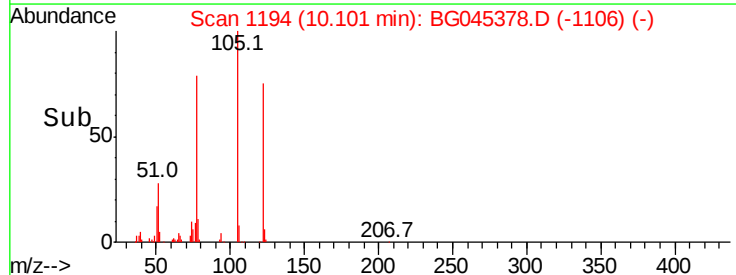
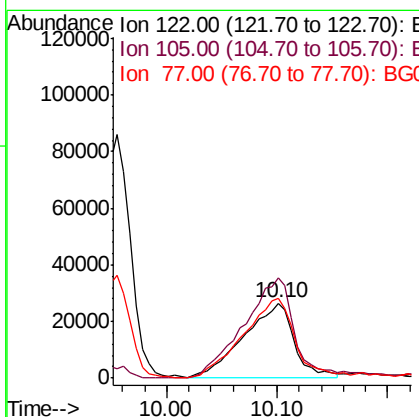
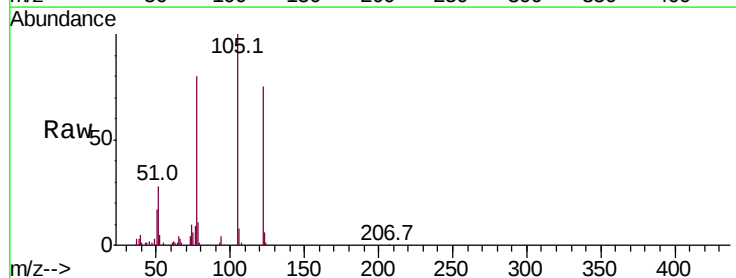
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

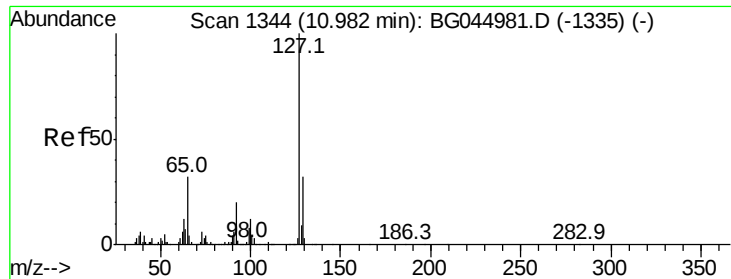
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.7	10.8	16.2



#32
Benzoic acid
Concen: 29.208 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	108.4	148.4
77	106.2	78.8	118.8

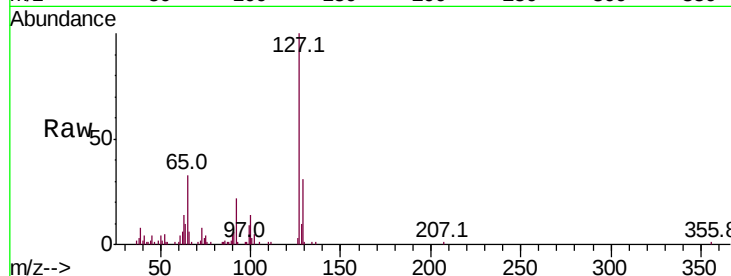




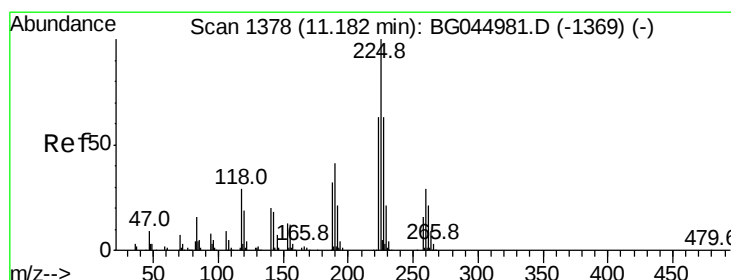
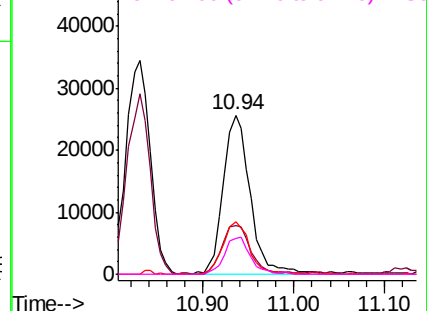
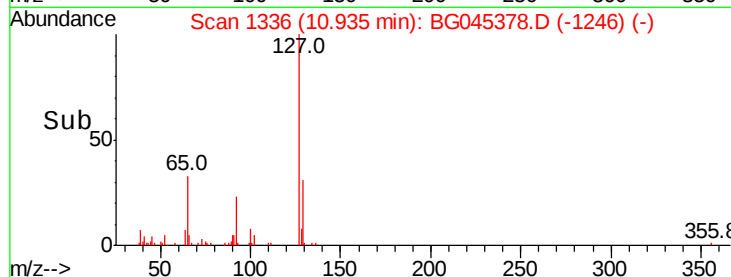
#33
4-Chloroaniline
Concen: 8.308 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Tot Ion:127 Resp: 53208
Ion Ratio Lower Upper
127 100
129 30.7 25.7 38.5
65 33.1 25.4 38.2
92 22.3 16.1 24.1

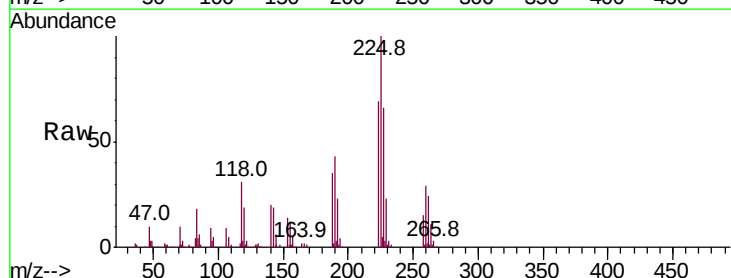


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

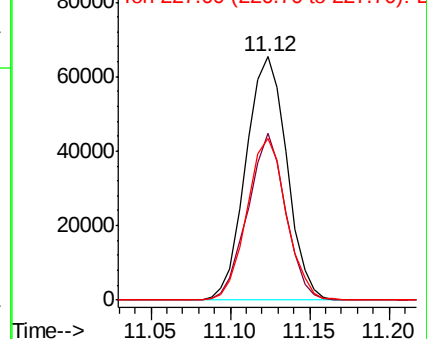
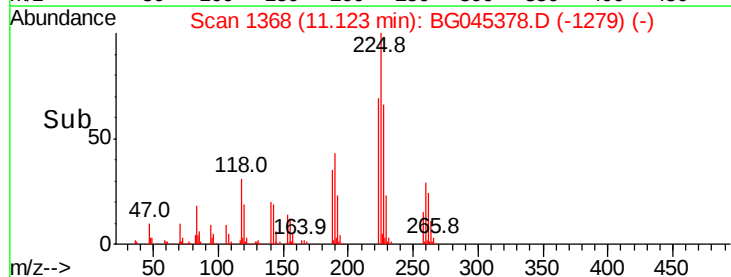


#34
Hexachlorobutadiene
Concen: 33.972 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:225 Resp: 117359
Ion Ratio Lower Upper
225 100
223 68.7 50.7 76.1
227 66.4 50.2 75.2



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

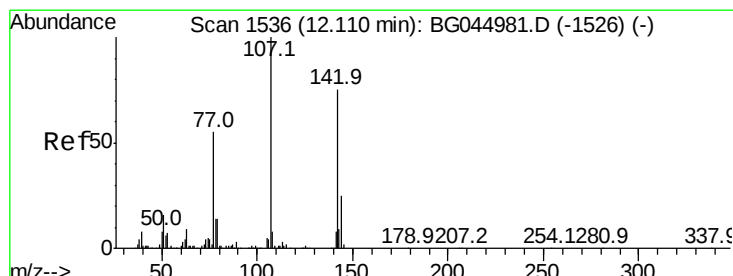
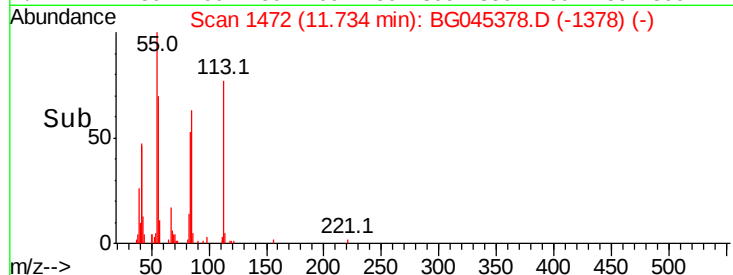
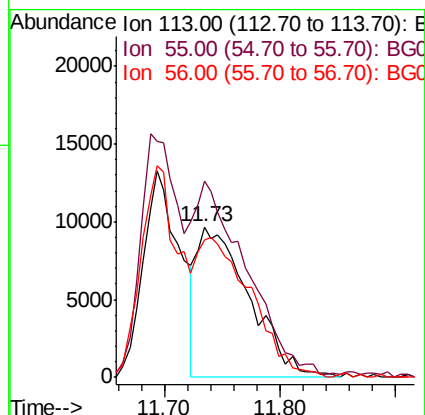
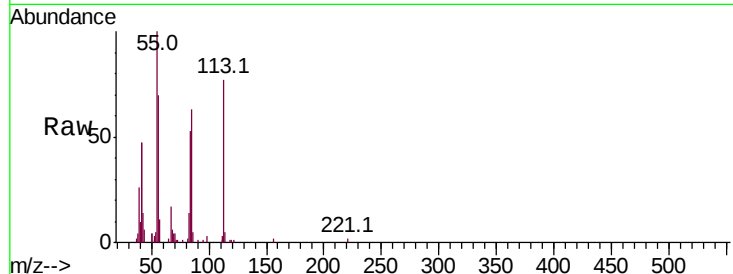




#35
 Caprolactam
 Concen: 17.064 ng
 RT: 11.73 min Scan# 1472
 Delta R.T. 0.02 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

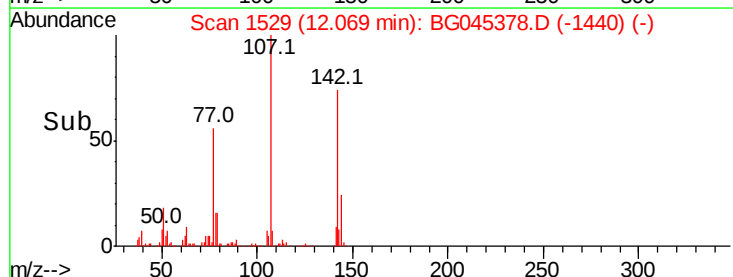
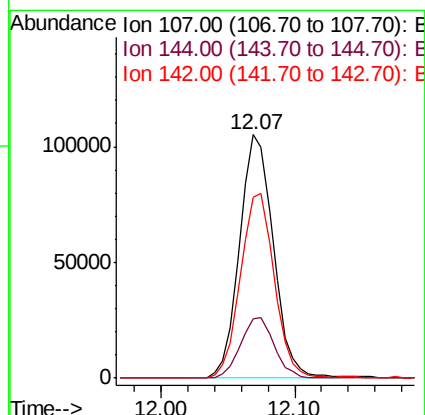
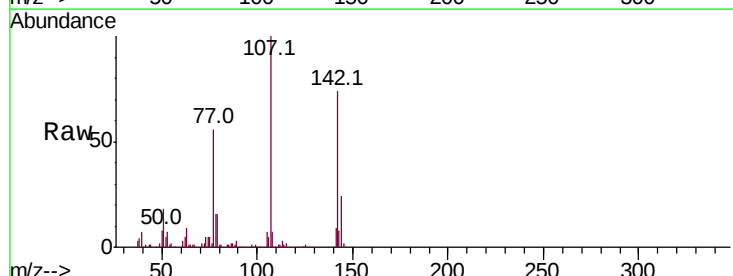
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

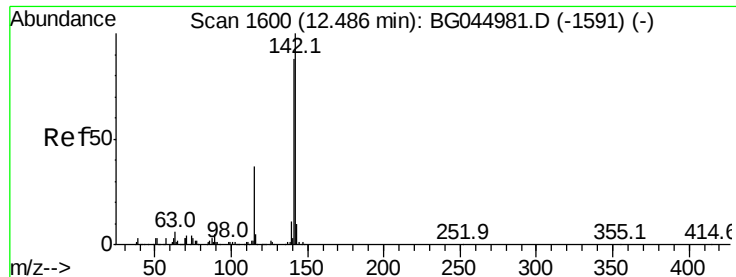
Tot Ion:113 Resp: 30224
 Ion Ratio Lower Upper
 113 100
 55 130.6 118.8 158.8
 56 91.3 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 35.088 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion:107 Resp: 183440
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 74.3 59.7 89.5

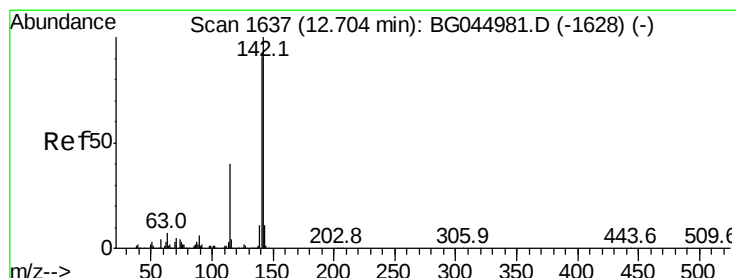
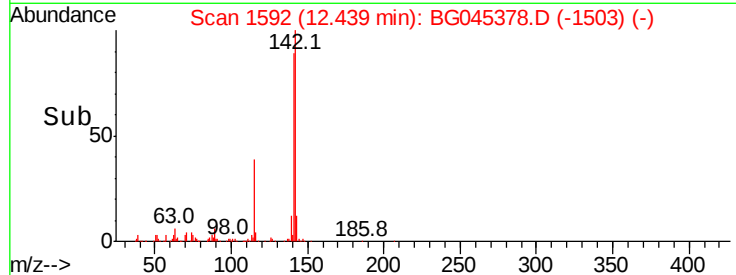
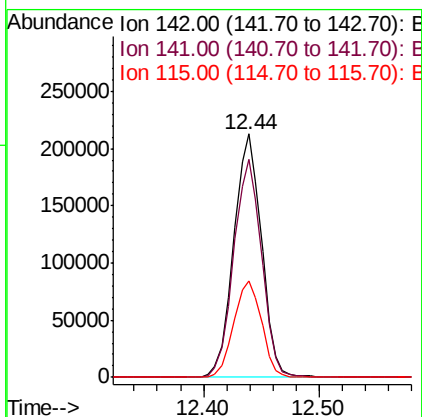
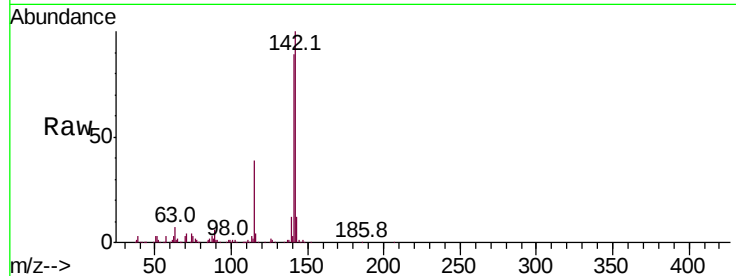




#37
2-Methylnaphthalene
Concen: 33.222 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

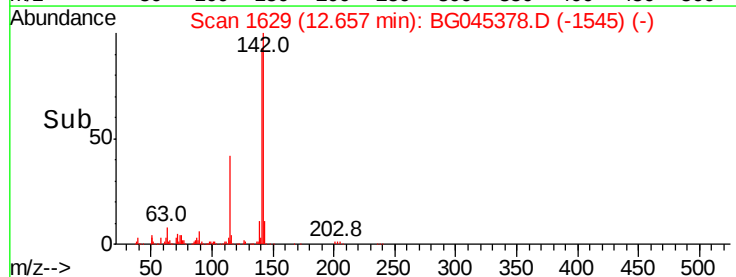
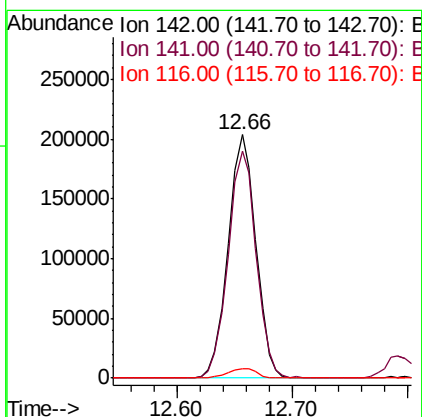
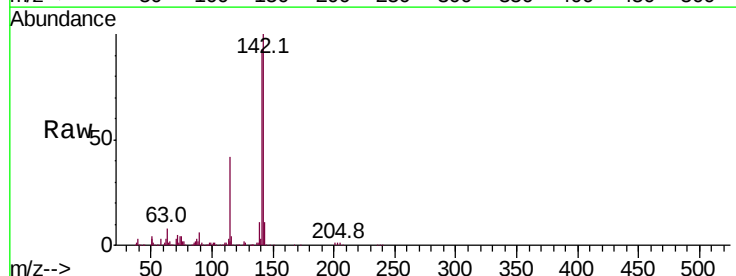
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

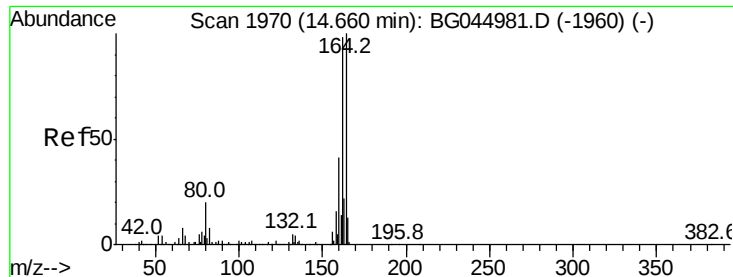
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	39.3	29.8	44.6



#38
1-Methylnaphthalene
Concen: 33.675 ng
RT: 12.66 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.7	109.1
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

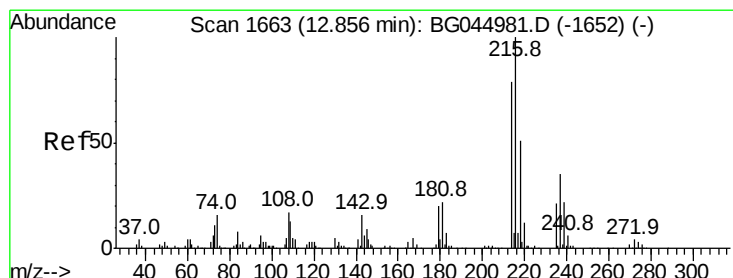
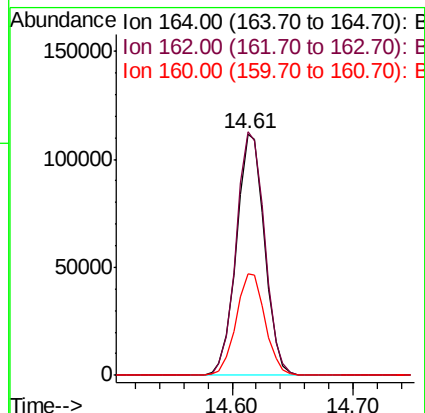
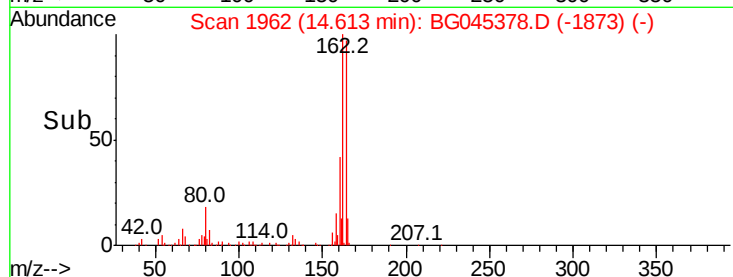
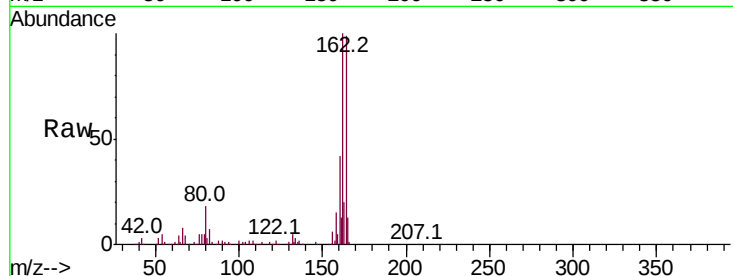
Tot Ion:164 Resp: 181478

Ion Ratio Lower Upper

164 100

162 101.0 78.7 118.1

160 42.3 32.8 49.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.173 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Tgt Ion:216 Resp: 199679

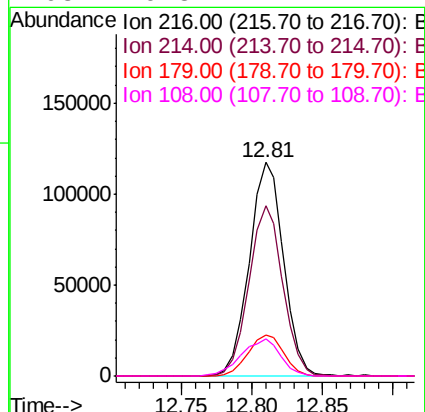
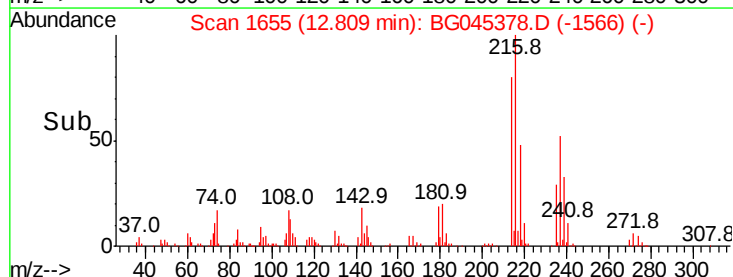
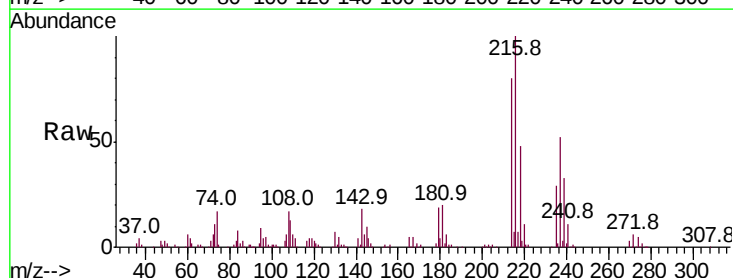
Ion Ratio Lower Upper

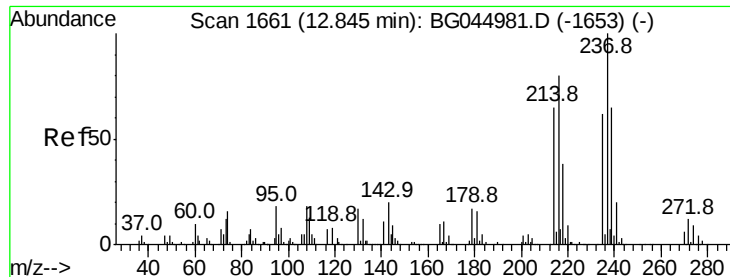
216 100

214 78.9 63.0 94.6

179 19.9 15.8 23.8

108 19.8 14.2 21.2

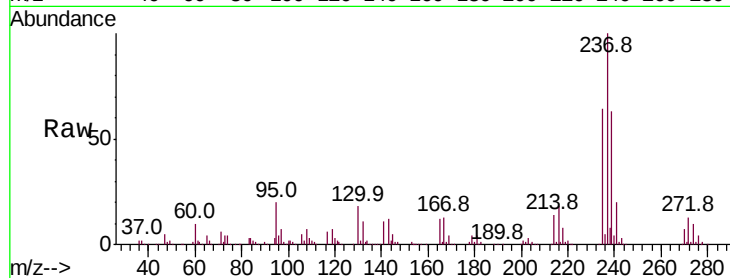




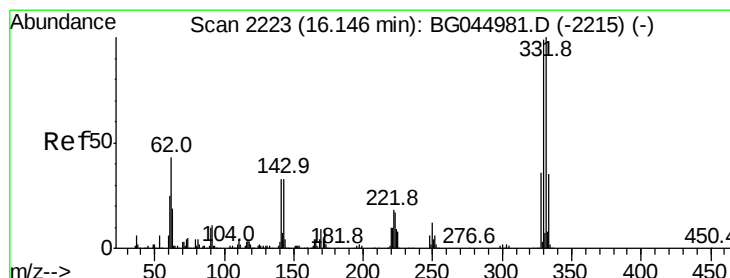
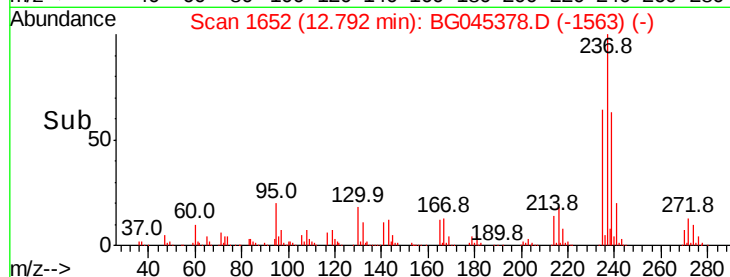
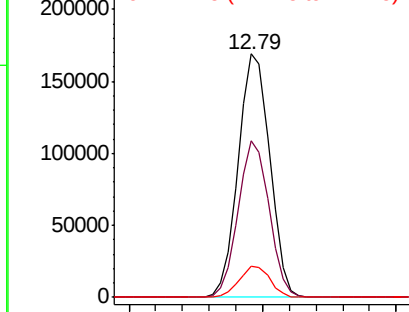
#41
Hexachlorocyclopentadiene
Concen: 75.858 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Tot Ion:237 Resp: 277037
Ion Ratio Lower Upper
237 100
235 64.4 41.6 81.6
272 12.9 0.0 32.1

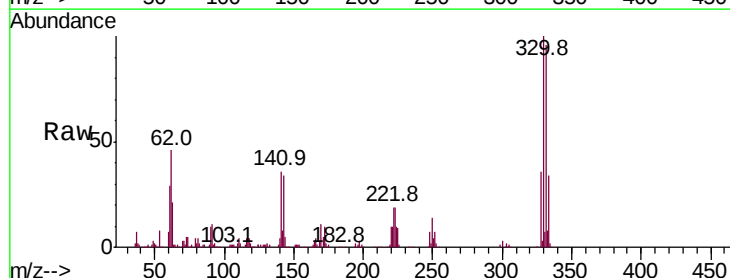


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

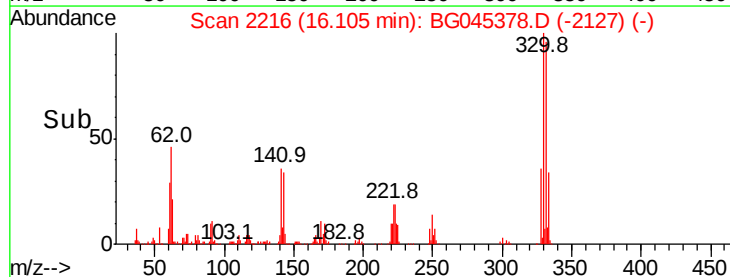
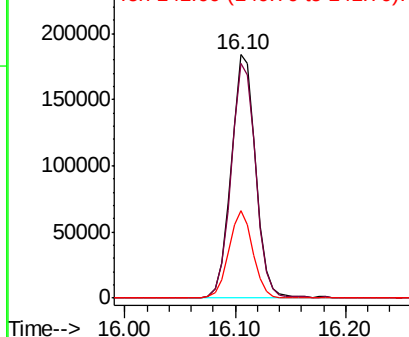


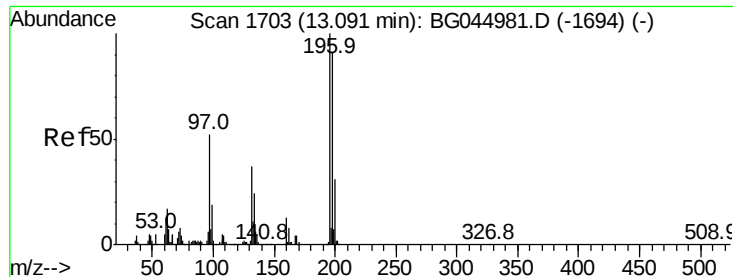
#42
2,4,6-Tribromophenol
Concen: 102.258 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:330 Resp: 286689
Ion Ratio Lower Upper
330 100
332 97.0 79.1 118.7
141 35.4 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

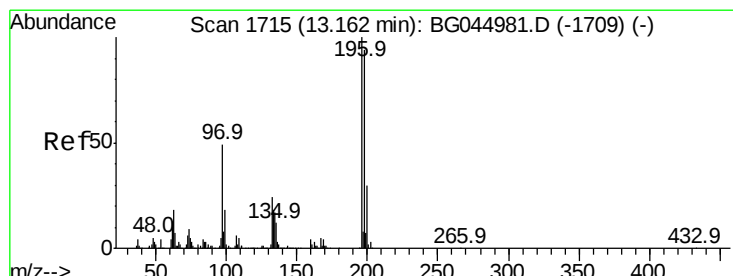
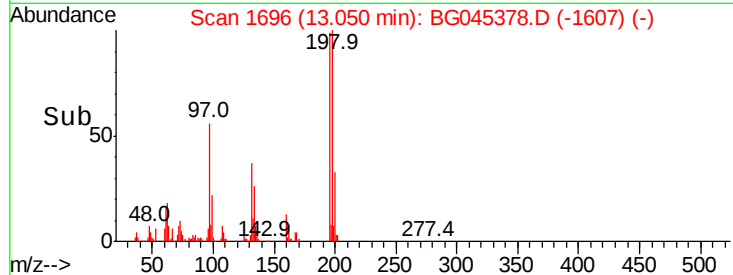
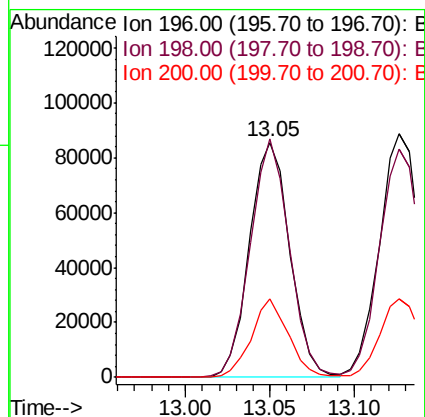
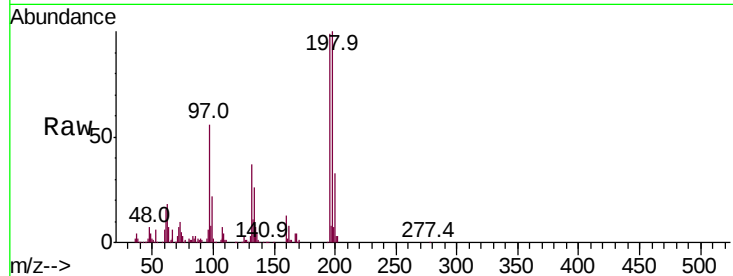




#43
 2,4,6-Trichlorophenol
 Concen: 34.465 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

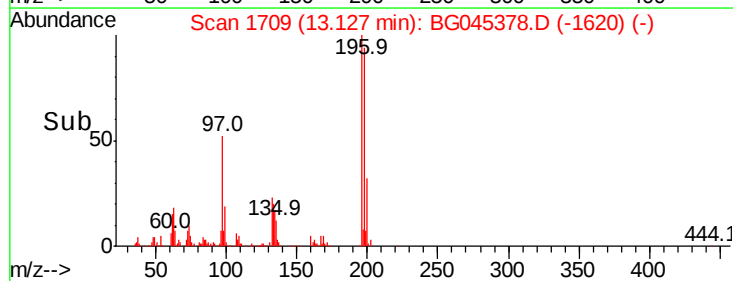
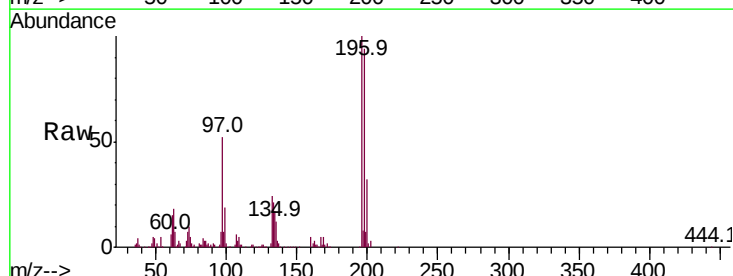
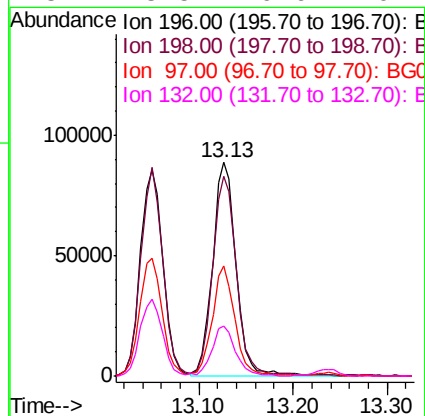
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

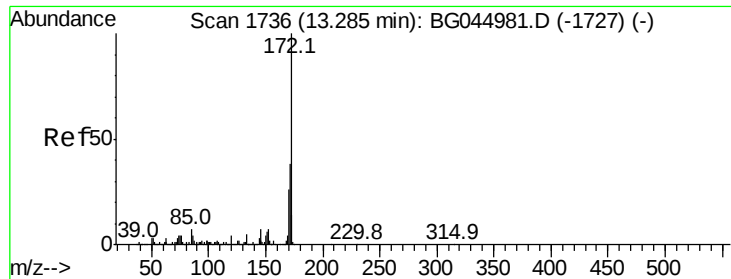
Tot Ion:	196	Resp:	142128
Ion	Ratio	Lower	Upper
196	100		
198	101.2	72.5	108.7
200	33.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 33.083 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion:	196	Resp:	155293
Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
97	51.7	39.6	59.4
132	23.5	19.6	29.4

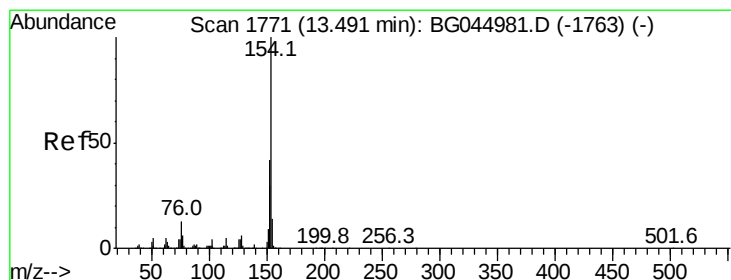
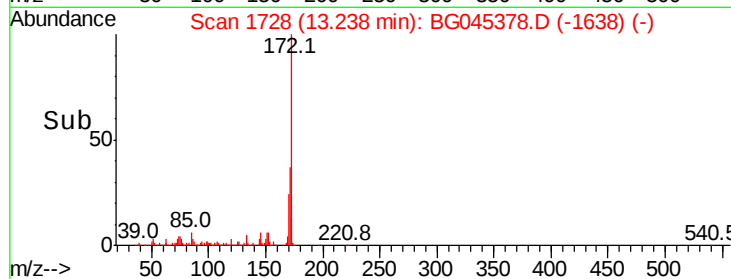
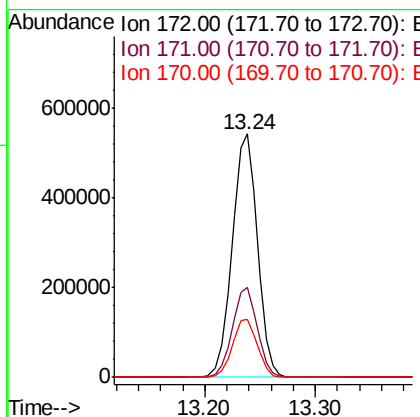
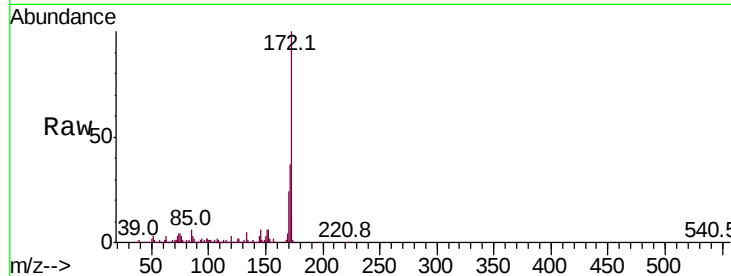




#45
2-Fluorobiphenyl
Concen: 69.988 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

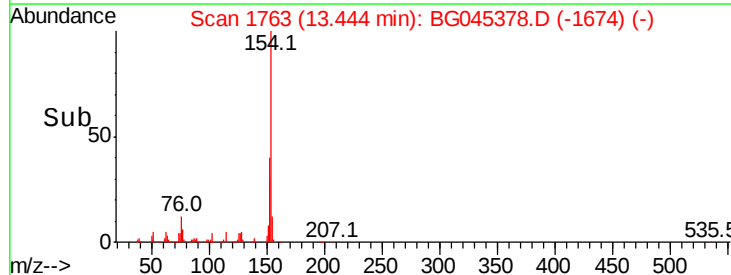
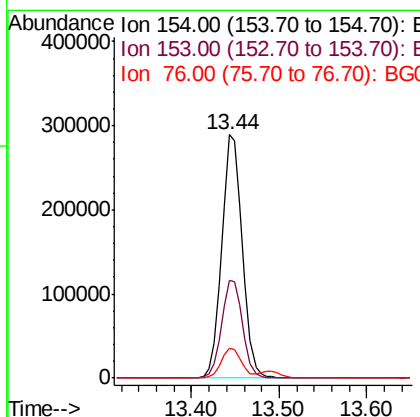
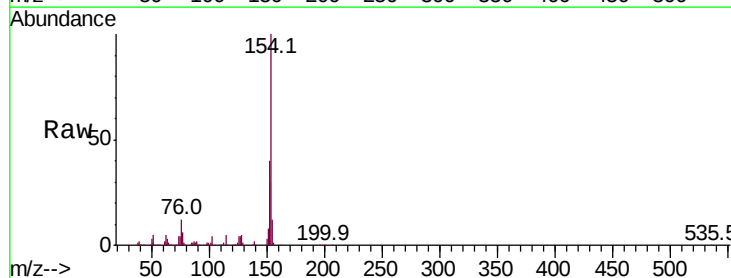
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

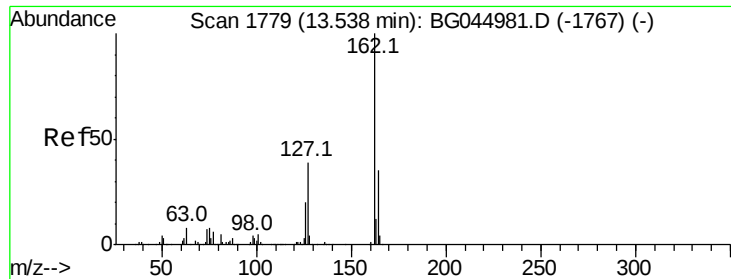
Tot Ion:172 Resp: 866196
Ion Ratio Lower Upper
172 100
171 37.2 30.6 46.0
170 23.8 20.5 30.7



#46
1,1'-Biphenyl
Concen: 33.953 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:154 Resp: 468330
Ion Ratio Lower Upper
154 100
153 40.1 21.9 61.9
76 12.4 0.0 33.1

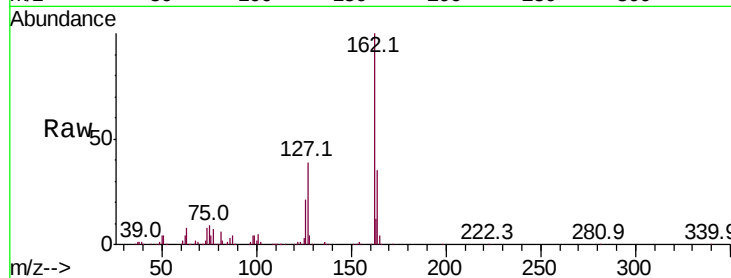




#47
2-Chloronaphthalene
Concen: 33.326 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.3	46.9
164	34.6	27.8	41.8

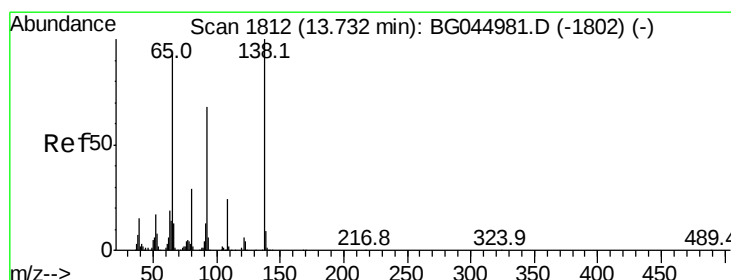
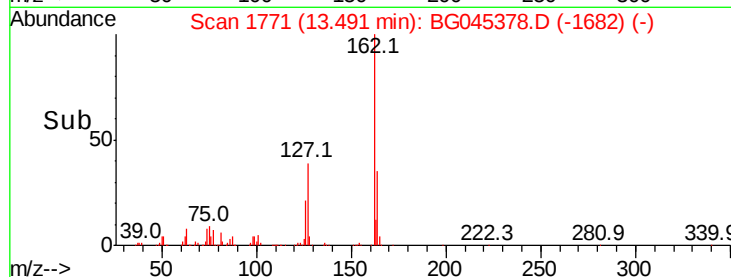
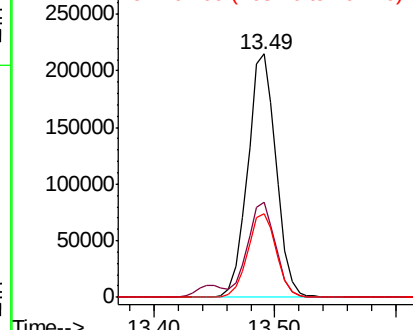


Abundance

Ion 162.00 (161.70 to 162.70): E

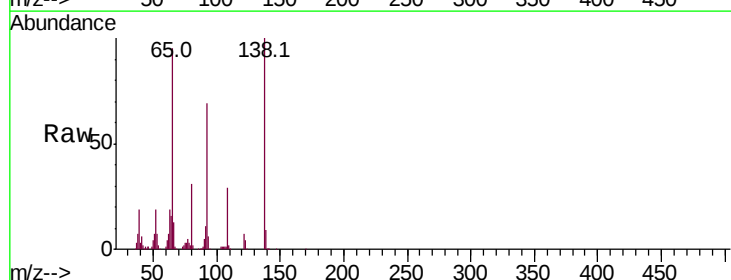
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 33.328 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.3	87.5
138	105.3	85.6	128.4

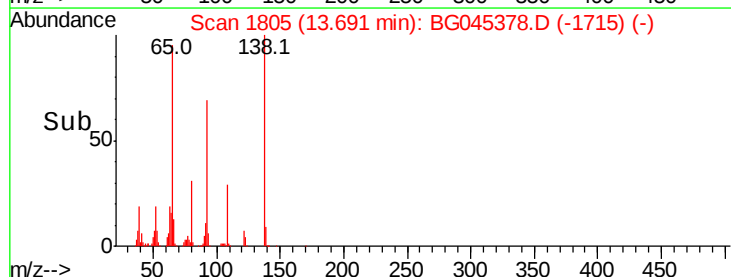
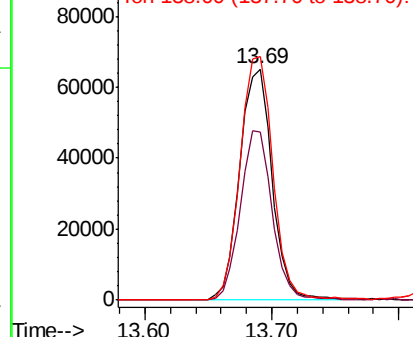


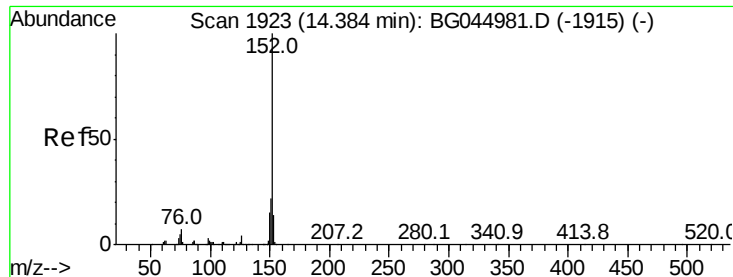
Abundance

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: 35.084 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

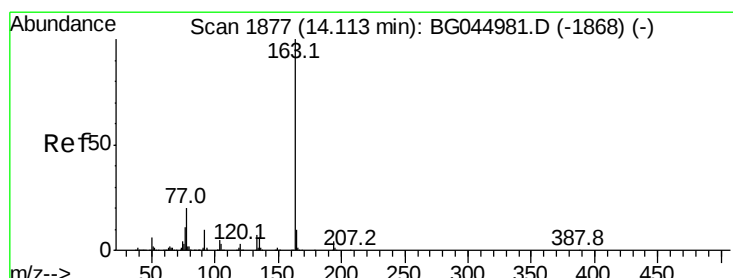
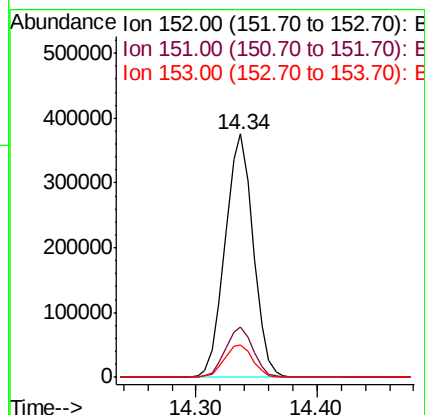
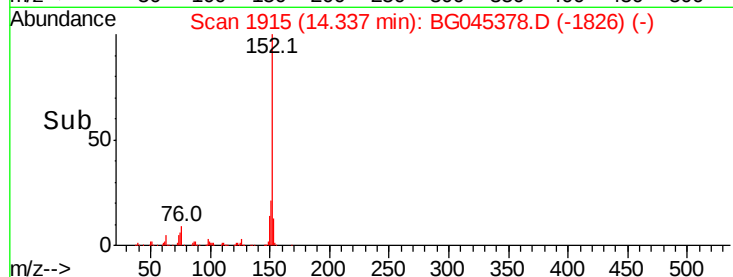
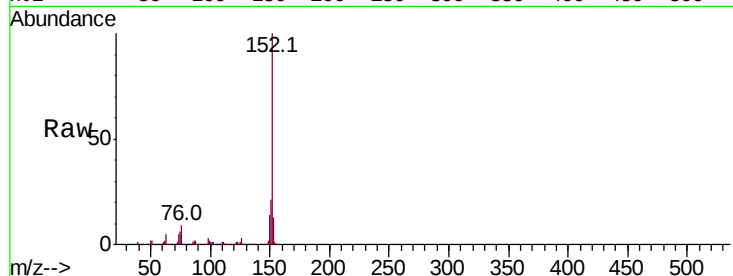
Tot Ion:152 Resp: 602308

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 13.4 11.0 16.4



#50

Dimethylphthalate

Concen: 33.747 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

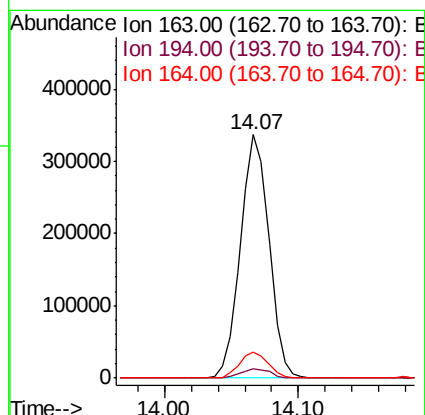
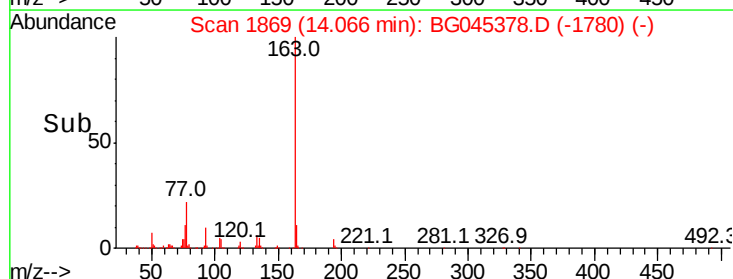
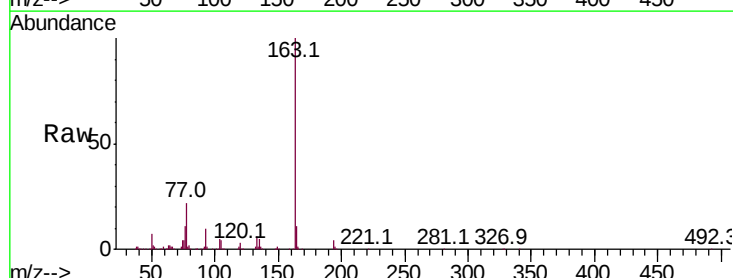
Tgt Ion:163 Resp: 498666

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.7 8.2 12.4

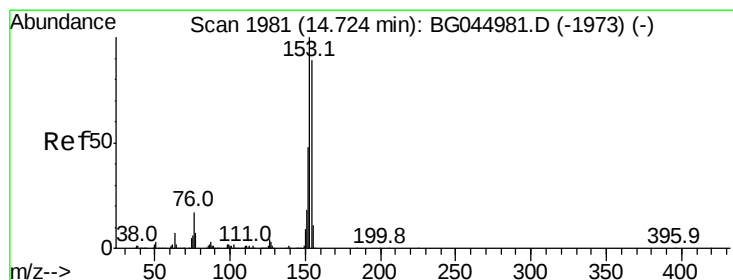
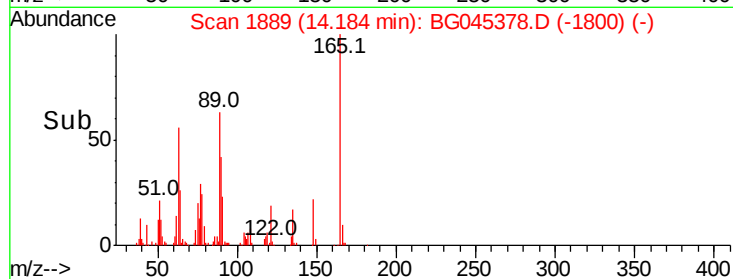
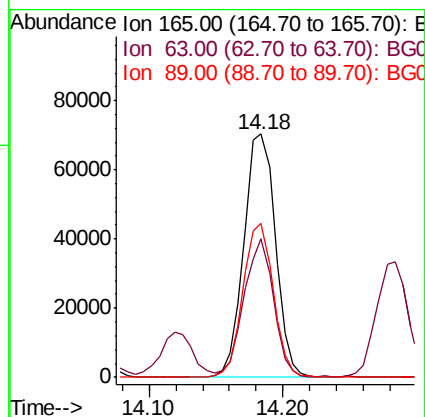
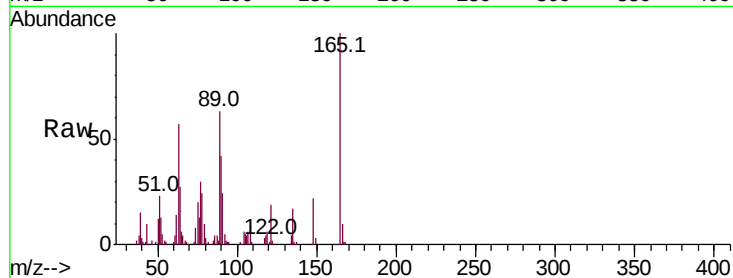




#51
2,6-Dinitrotoluene
Concen: 34.701 ng
RT: 14.18 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

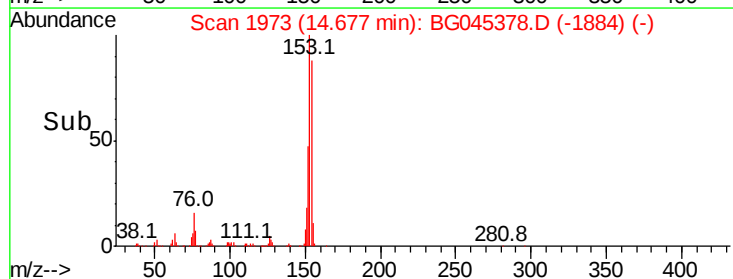
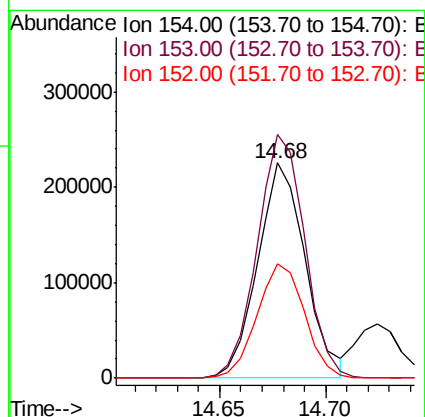
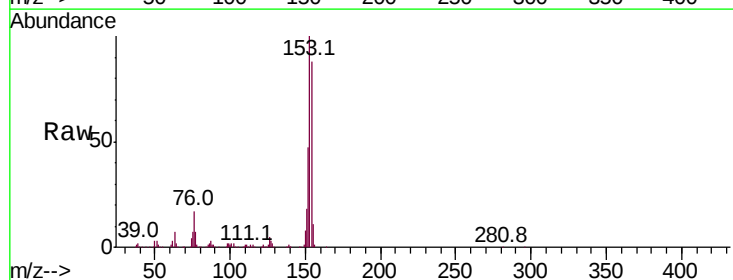
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

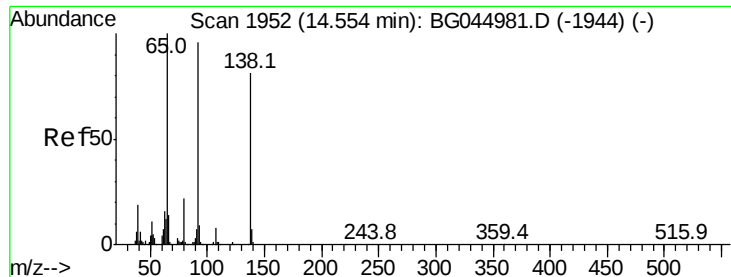
Tot Ion:165 Resp: 114690
Ion Ratio Lower Upper
165 100
63 57.0 40.4 60.6
89 63.3 49.1 73.7



#52
Acenaphthene
Concen: 30.431 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:154 Resp: 353475
Ion Ratio Lower Upper
154 100
153 113.1 89.7 134.5
152 53.3 43.1 64.7

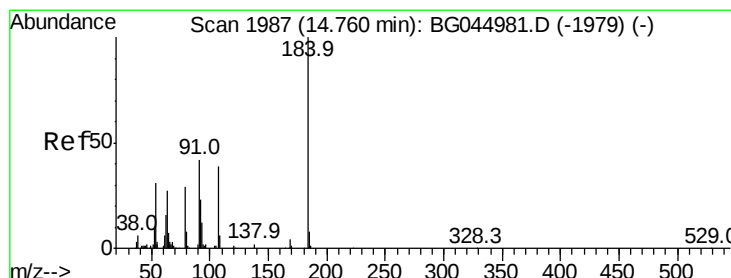
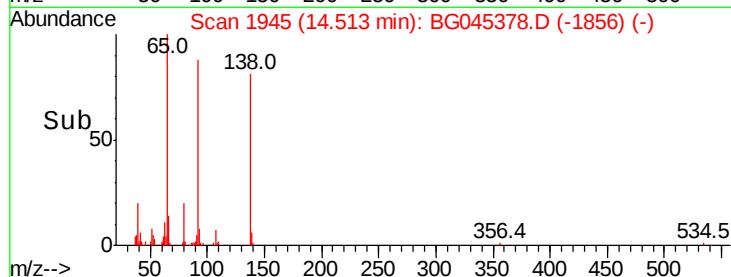
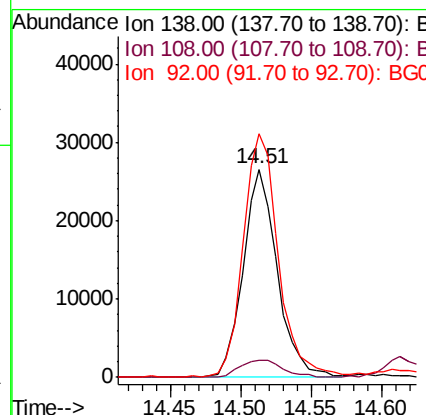
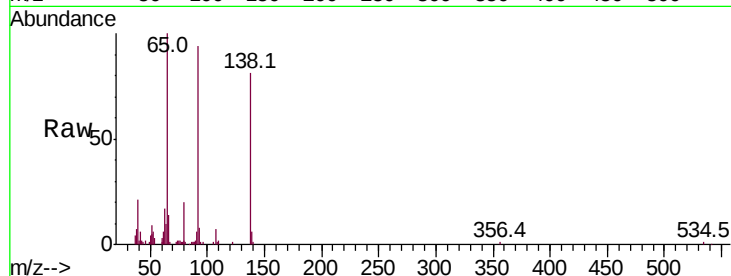




#53
3-Nitroaniline
Concen: 12.419 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

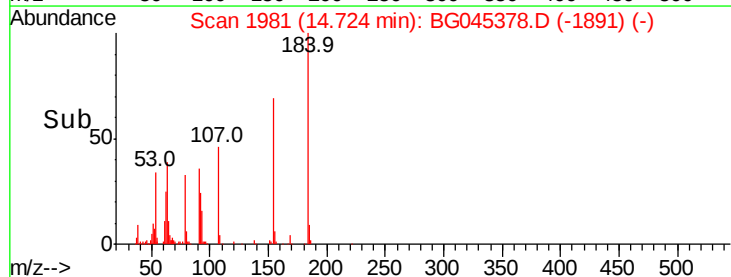
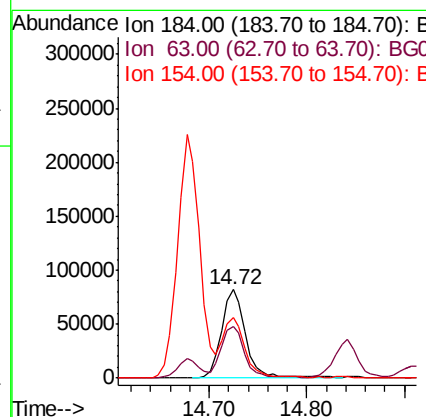
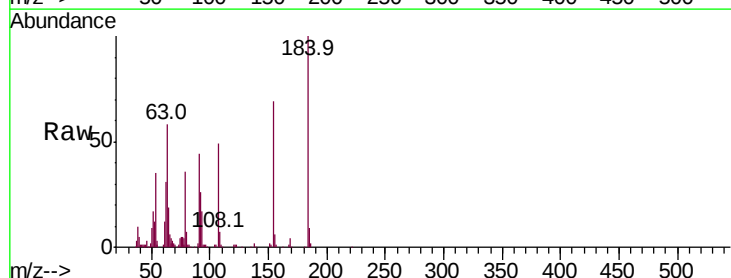
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Tot Ion:138 Resp: 45017
Ion Ratio Lower Upper
138 100
108 8.2 7.8 11.8
92 116.9 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 71.904 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:184 Resp: 141315
Ion Ratio Lower Upper
184 100
63 58.2 41.5 62.3
154 69.3 52.3 78.5





#55

Dibenzofuran

Concen: 33.836 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

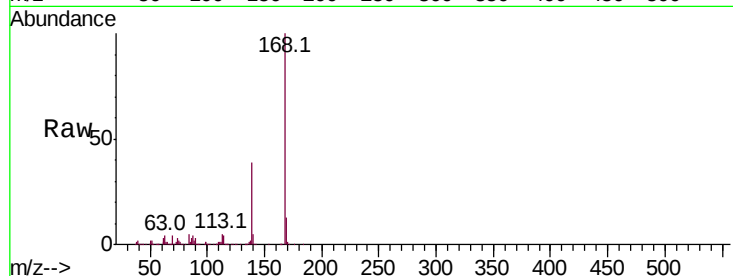
Tot Ion:168 Resp: 573003

Ion Ratio Lower Upper

168 100

139 38.5 30.4 45.6

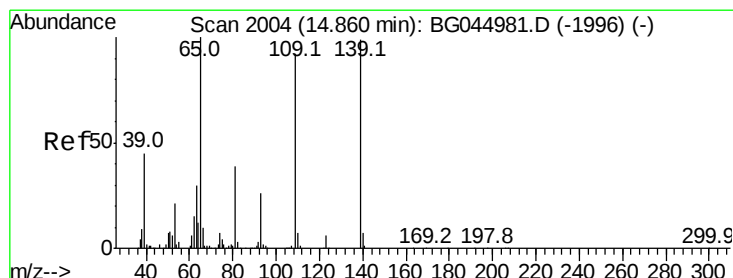
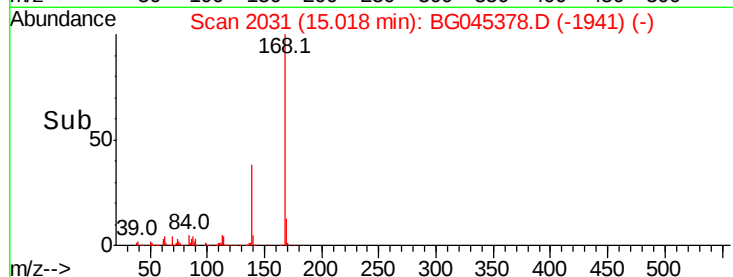
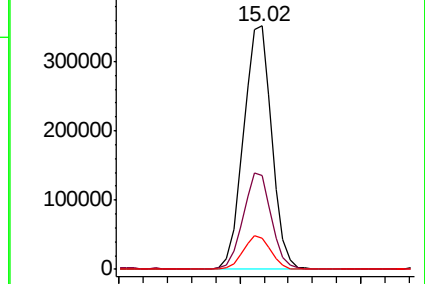
169 13.0 11.0 16.4



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: 66.594 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

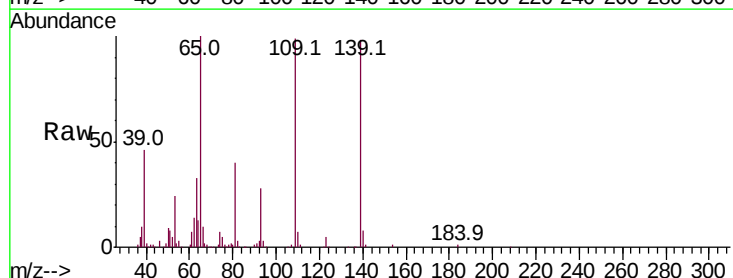
Tgt Ion:139 Resp: 187174

Ion Ratio Lower Upper

139 100

109 101.0 73.6 113.6

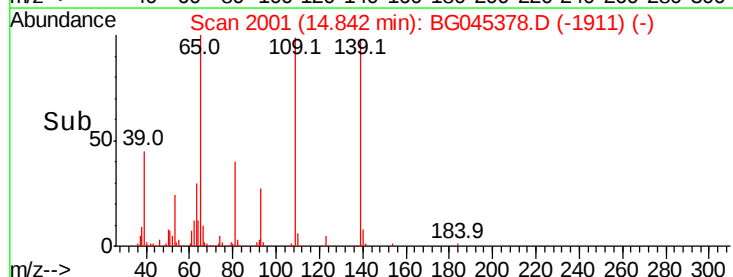
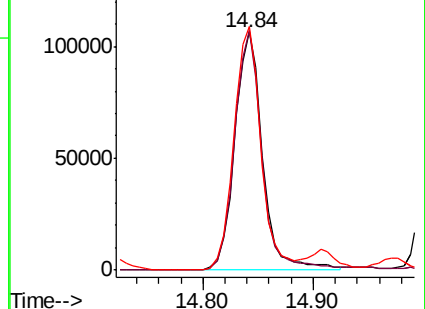
65 102.3 81.2 121.2

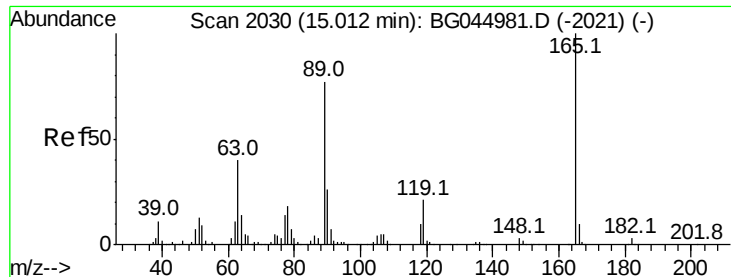


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

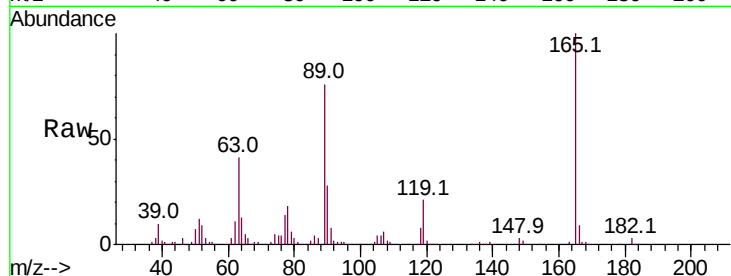




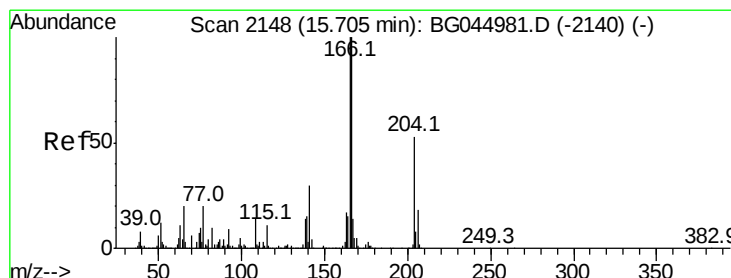
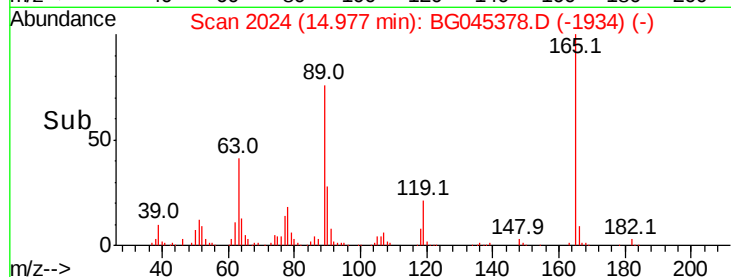
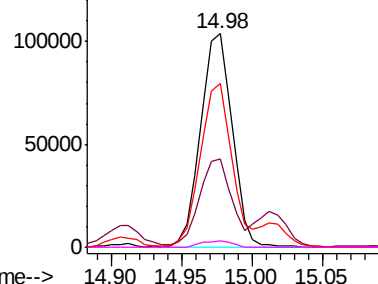
#57
 2,4-Dinitrotoluene
 Concen: 33.694 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

Tot Ion:165 Resp: 162747
 Ion Ratio Lower Upper
 165 100
 63 41.3 32.2 48.2
 89 76.5 61.7 92.5
 182 2.7 2.0 3.0

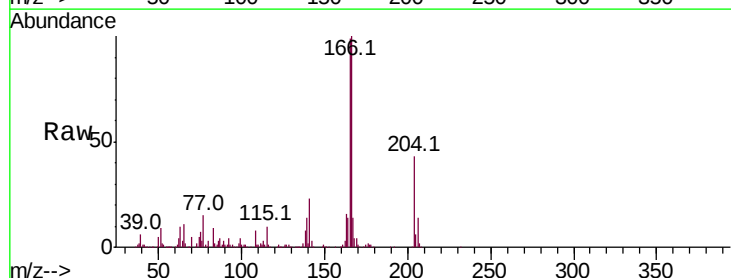


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

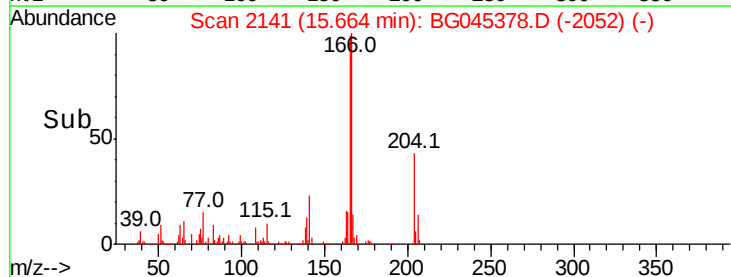
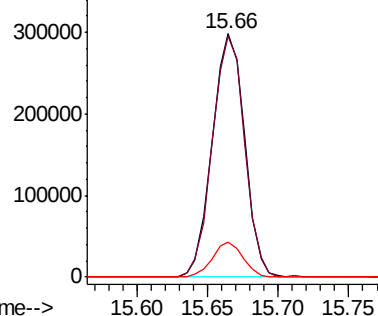


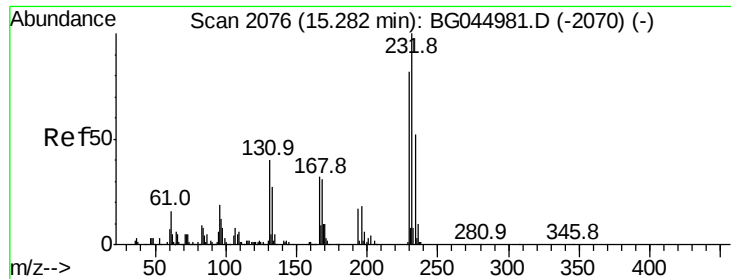
#58
 Fluorene
 Concen: 34.616 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion:166 Resp: 478821
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.9 119.9
 167 14.2 11.4 17.0



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

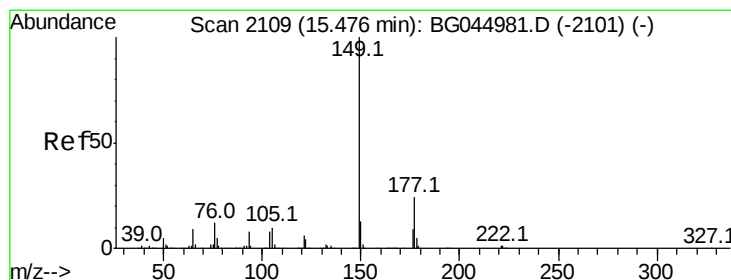
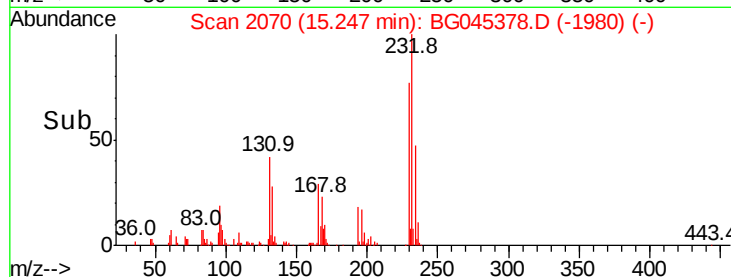
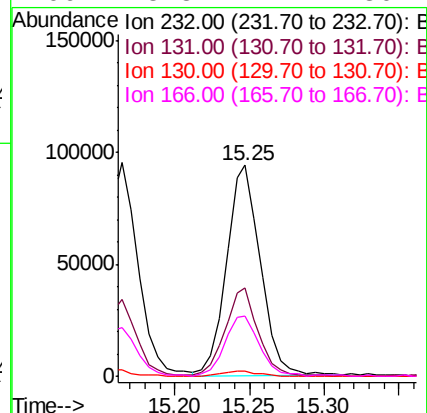
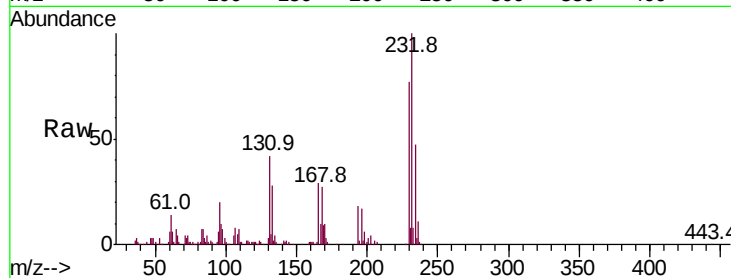




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.610 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

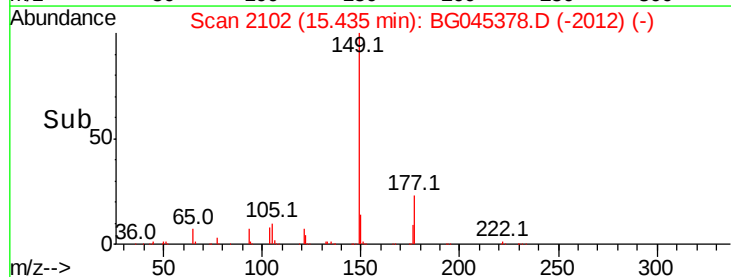
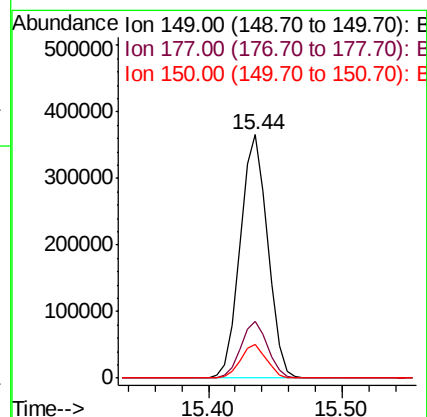
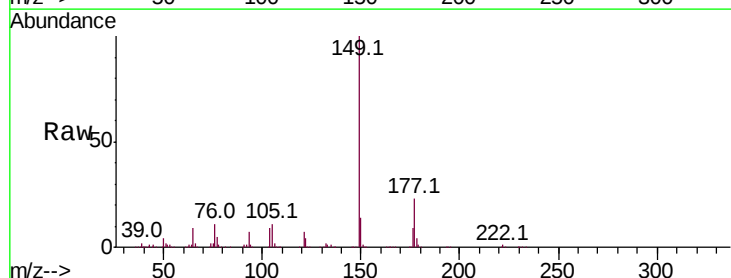
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

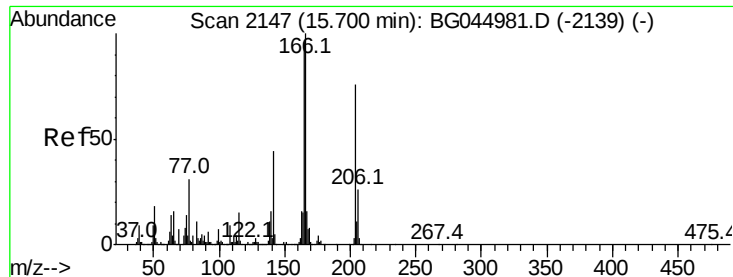
Tot Ion:	232	Resp:	148731
Ion	Ratio	Lower	Upper
232	100		
131	41.5	32.2	48.2
130	2.7	2.2	3.2
166	28.8	24.2	36.4



#60
 Diethylphthalate
 Concen: 33.791 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion:	149	Resp:	520597
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.9	28.3
150	13.6	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 33.508 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

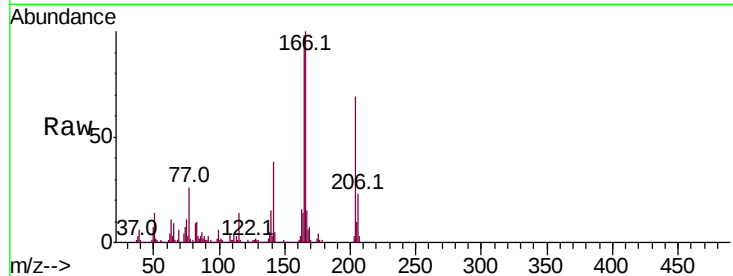
Tot Ion:204 Resp: 266787

Ion Ratio Lower Upper

204 100

206 33.2 26.9 40.3

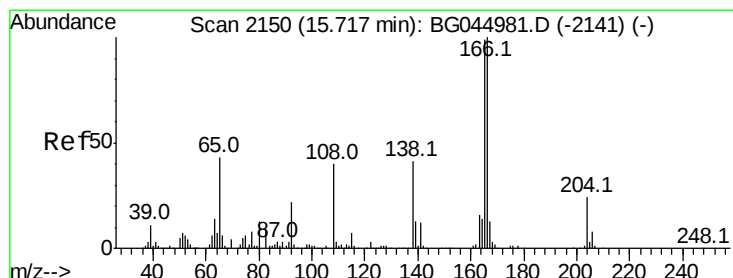
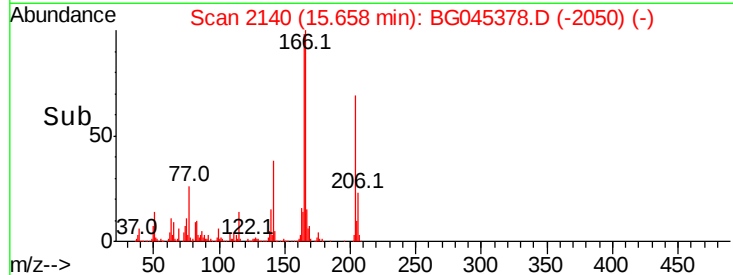
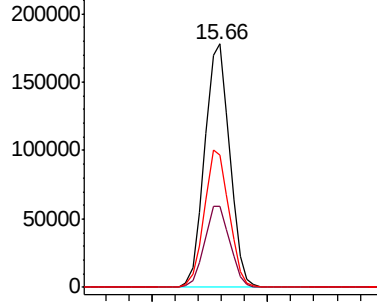
141 54.4 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 29.466 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

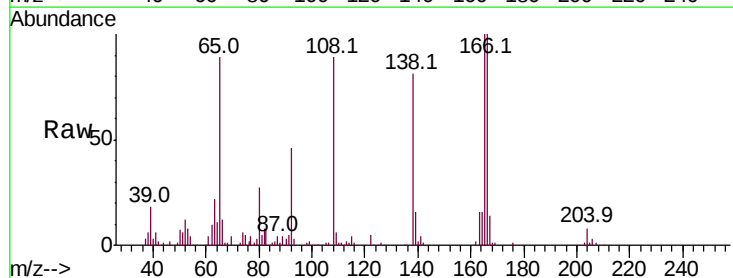
Tgt Ion:138 Resp: 110786

Ion Ratio Lower Upper

138 100

92 56.9 33.6 73.6

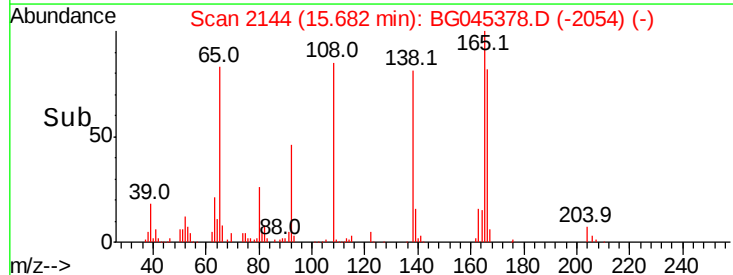
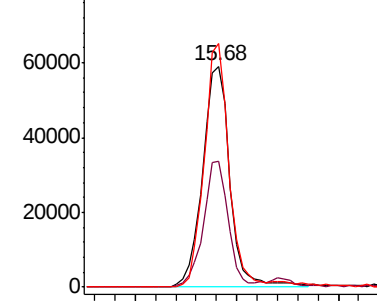
108 110.1 78.2 118.2

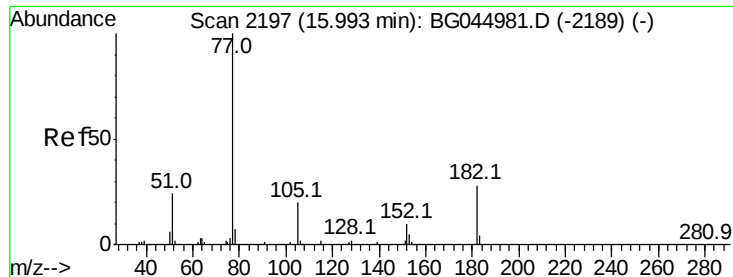


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

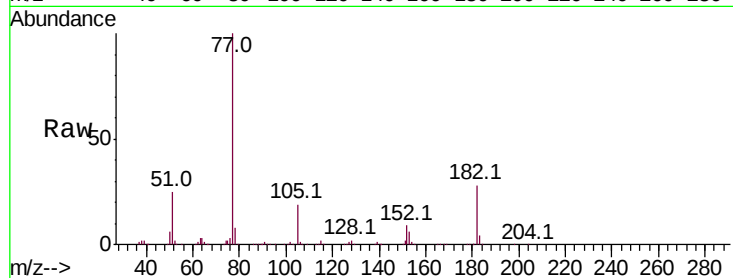




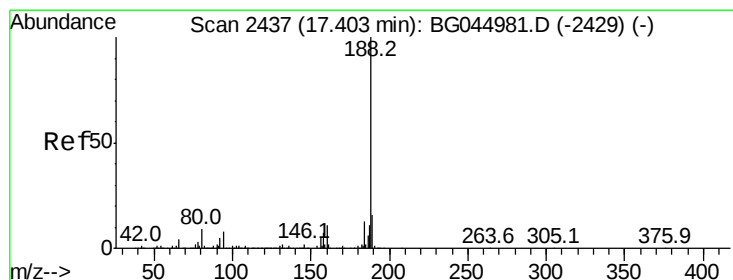
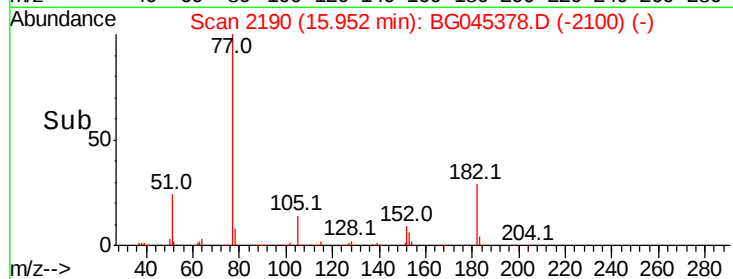
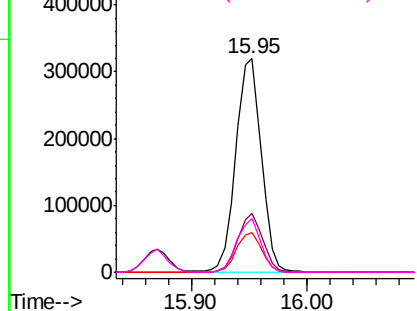
#63
Azobenzene
Concen: 34.376 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Instrument :
BNA_G
ClientSampleId :
PB128809BSD

Tot Ion:	77	Resp:	488271
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.4	48.4
105	18.9	0.5	40.5
51	24.9	4.4	44.4

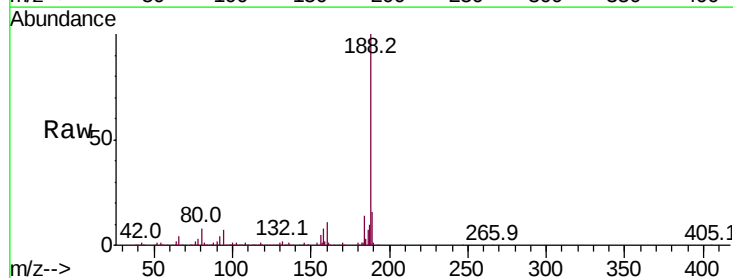


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

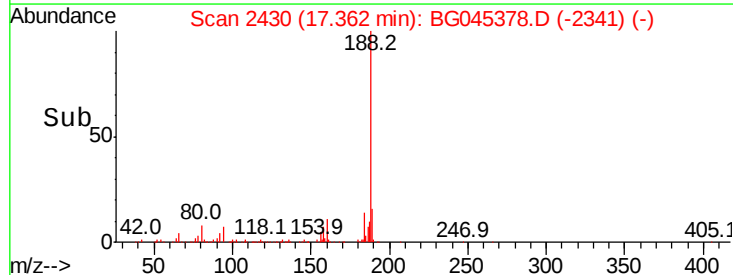
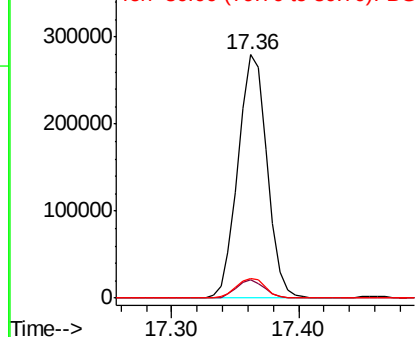


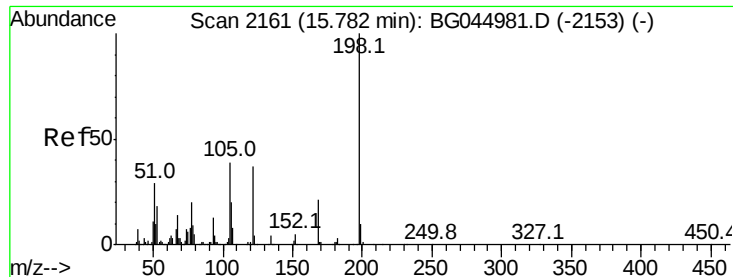
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion:	188	Resp:	443154
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	8.1	7.0	10.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.623 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

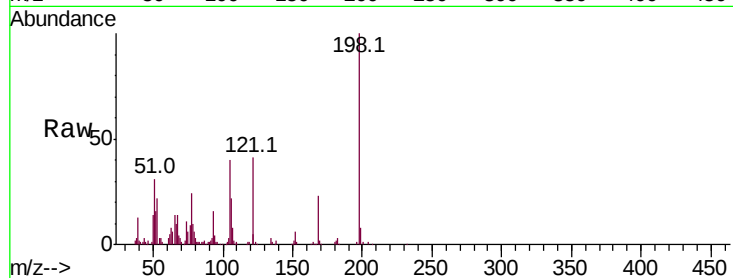
Tot Ion:198 Resp: 106678

Ion	Ratio	Lower	Upper
198	100		
51	31.4	10.0	50.0
105	40.2	18.9	58.9

198 100

51 31.4 10.0 50.0

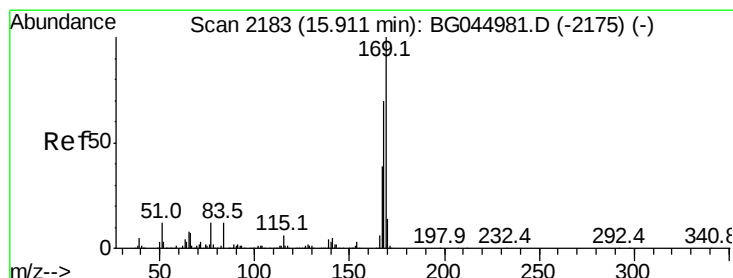
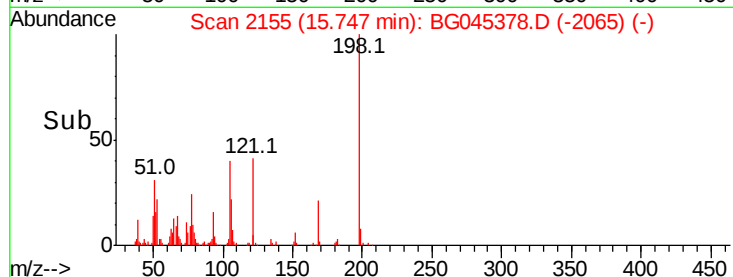
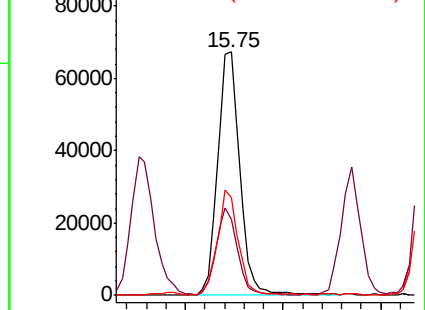
105 40.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.708 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

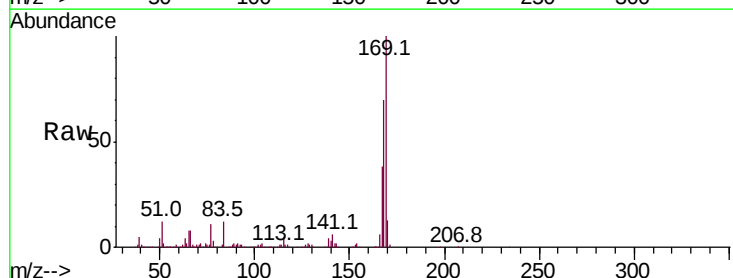
Tgt Ion:169 Resp: 429197

Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.8	83.8
167	38.3	30.8	46.2

169 100

168 69.6 55.8 83.8

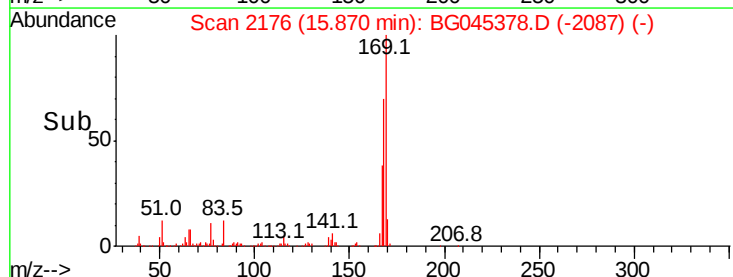
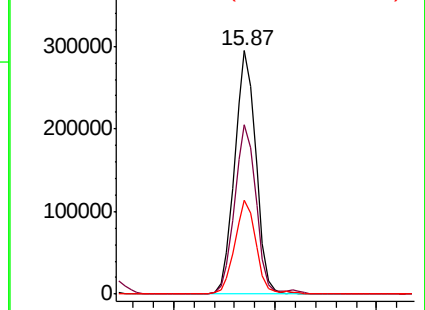
167 38.3 30.8 46.2

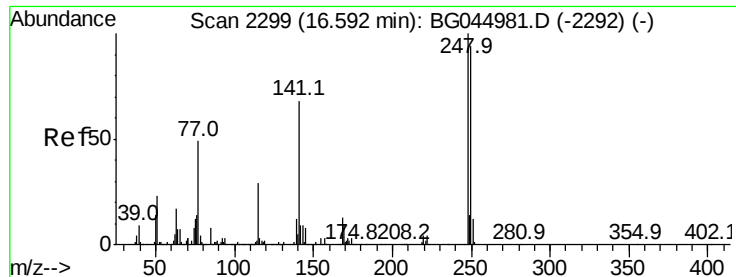


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 31.947 ng

RT: 16.55 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

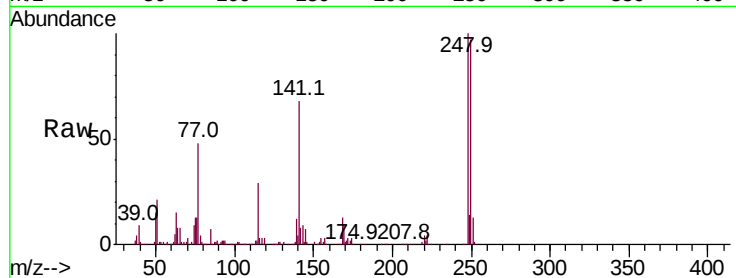
Tot Ion:248 Resp: 182640

Ion Ratio Lower Upper

248 100

250 96.9 75.4 113.2

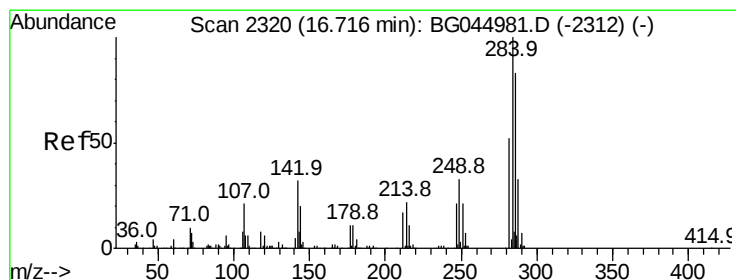
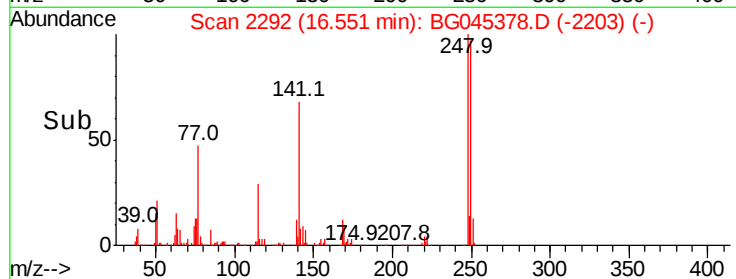
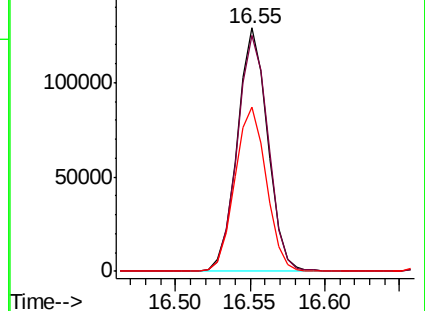
141 67.7 54.4 81.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 33.547 ng

RT: 16.67 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

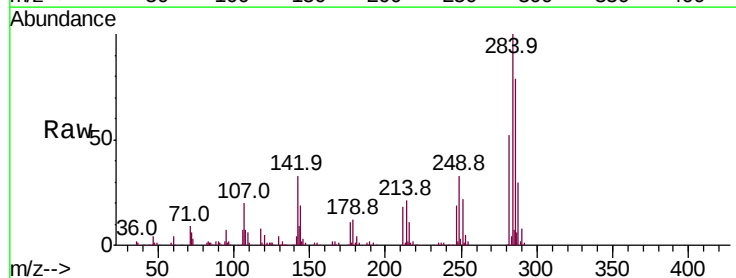
Tgt Ion:284 Resp: 198908

Ion Ratio Lower Upper

284 100

142 32.9 25.8 38.6

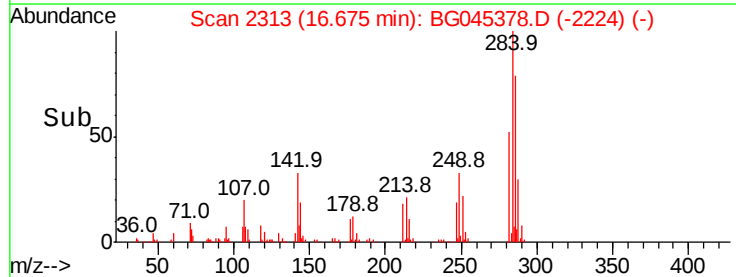
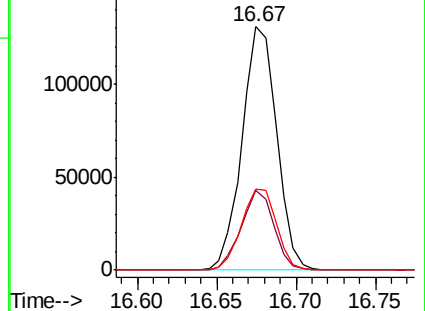
249 33.3 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.969 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

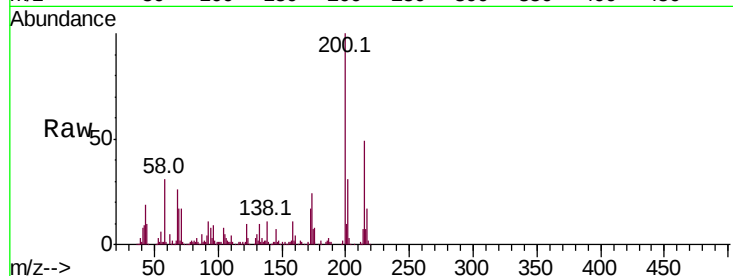
Tot Ion:200 Resp: 171497

Ion Ratio Lower Upper

200 100

173 23.9 4.5 44.5

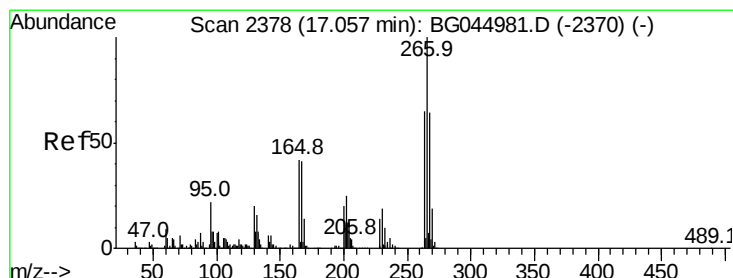
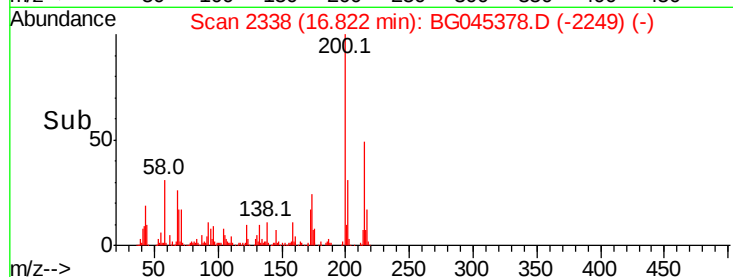
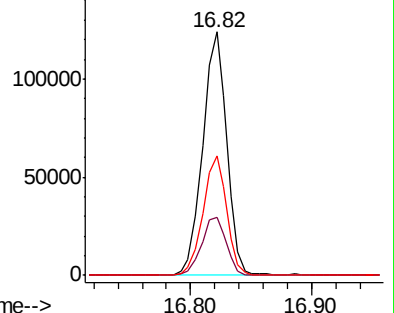
215 48.8 30.0 70.0



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: 63.431 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

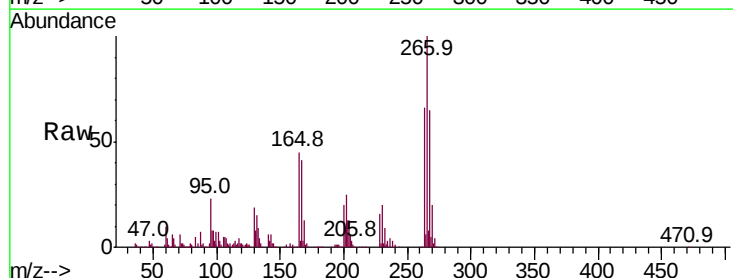
Tgt Ion:266 Resp: 230723

Ion Ratio Lower Upper

266 100

268 64.9 51.5 77.3

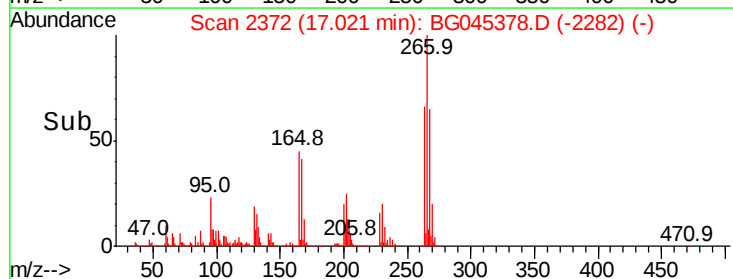
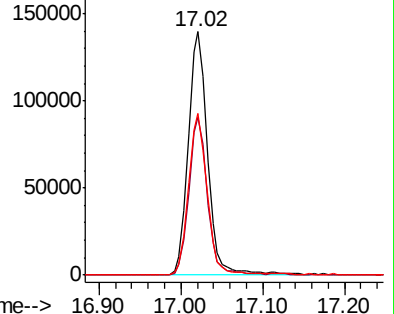
264 66.2 52.2 78.4

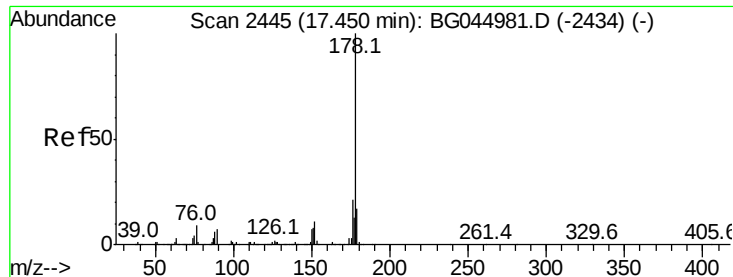


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

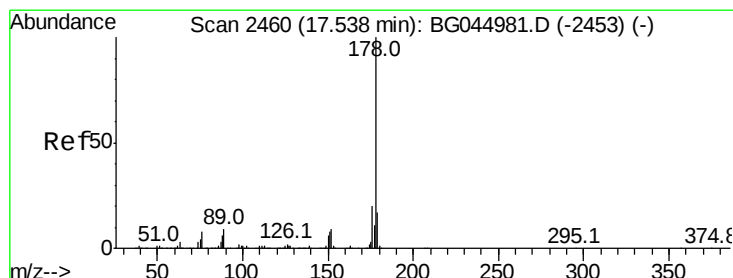
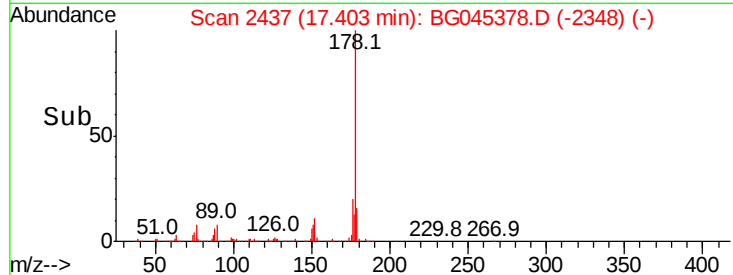
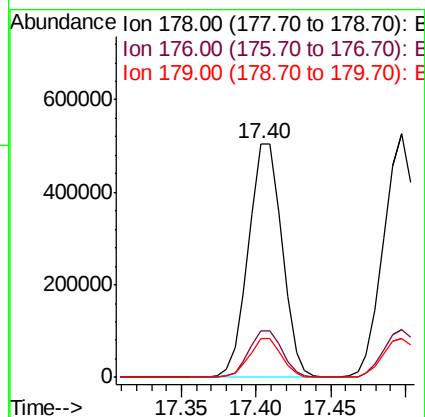
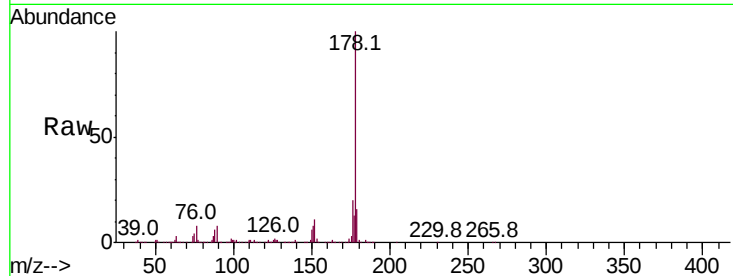




#71
Phenanthrene
Concen: 34.660 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

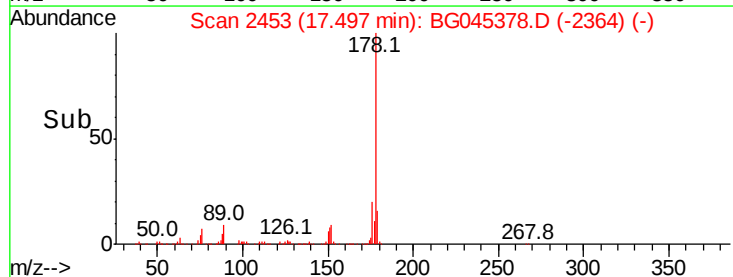
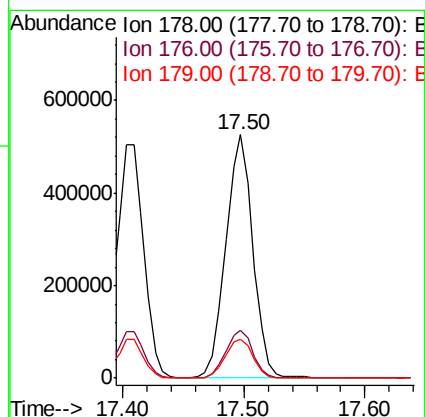
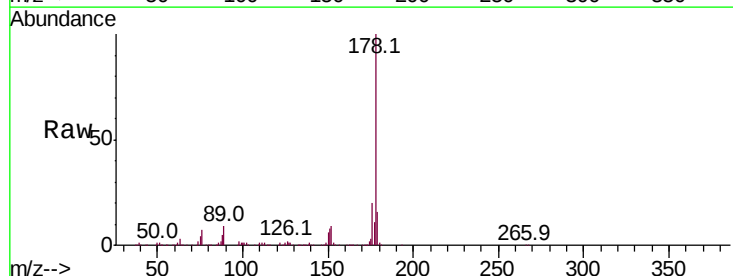
Instrument :
BNA_G
ClientSampleId :
PB128809BSD

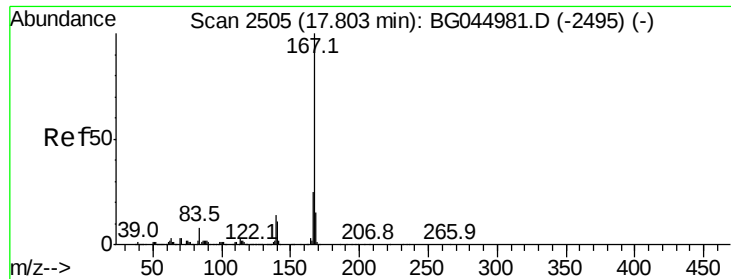
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	16.4	13.2	19.8



#72
Anthracene
Concen: 35.544 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045378.D
Acq: 14 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.2	13.6	20.4

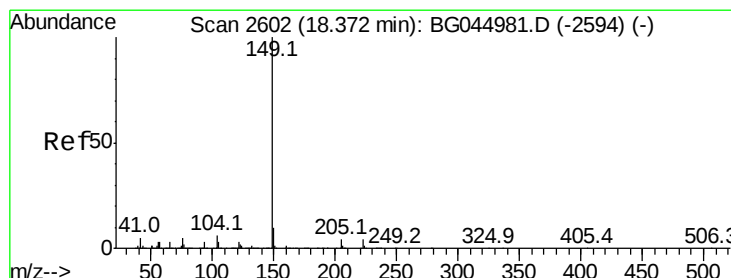
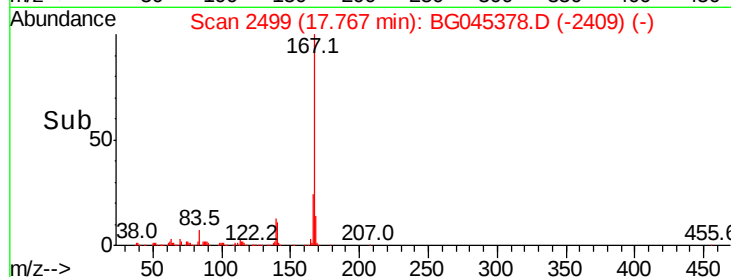
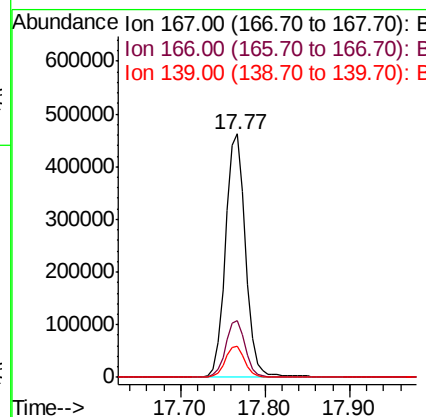
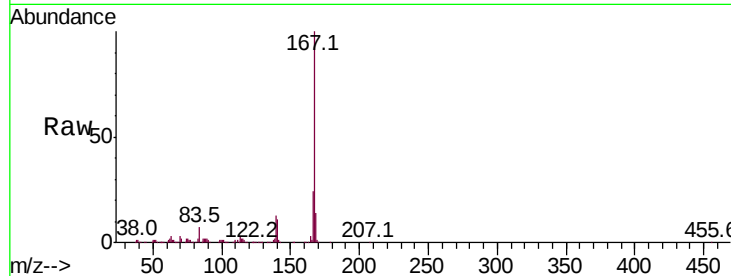




#73
 Carbazole
 Concen: 32.818 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

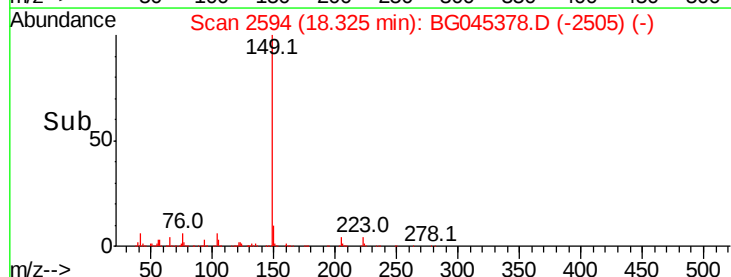
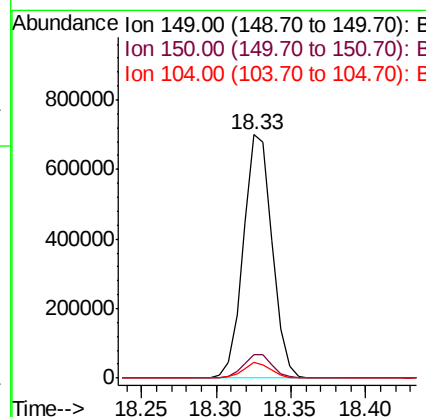
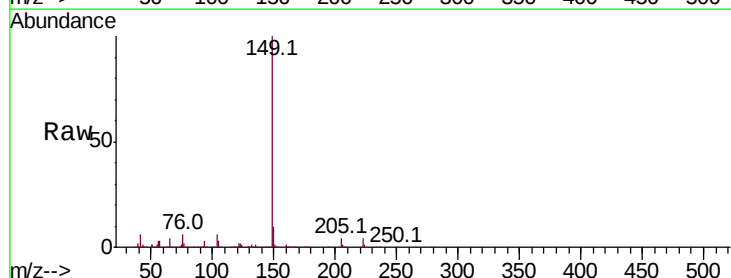
Instrument :
 BNA_G
 ClientSampleId :
 PB128809BSD

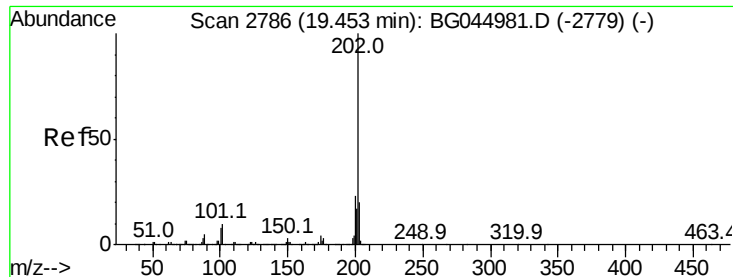
Tot Ion:167 Resp: 760773
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.8 29.6
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 35.769 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045378.D
 Acq: 14 May 2020 15:10

Tgt Ion:149 Resp: 934023
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 6.5 4.8 7.2





#75

Fluoranthene

Concen: 36.761 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

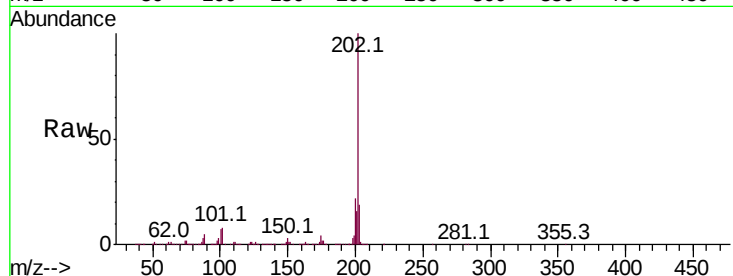
Tot Ion:202 Resp: 1014195

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.6
203	18.8	0.0	39.7

202 100

101 7.6 0.0 29.6

203 18.8 0.0 39.7

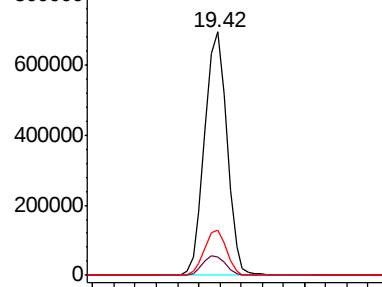


Abundance

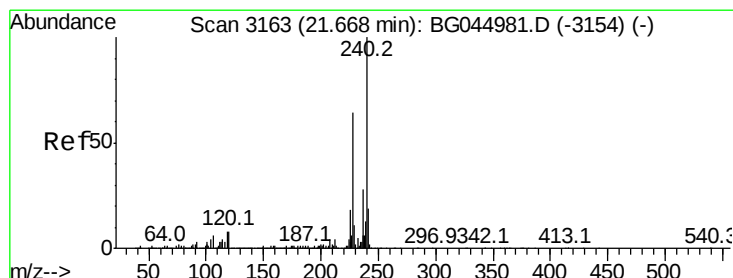
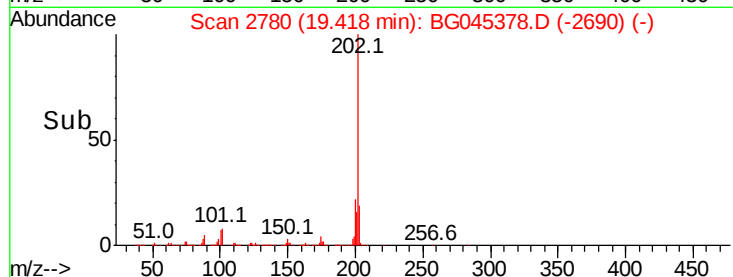
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

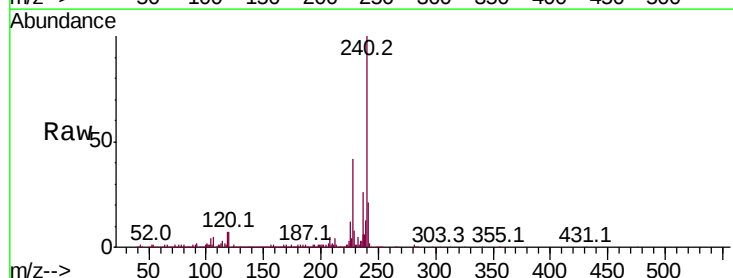
Tgt Ion:240 Resp: 421300

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.6	10.0#
236	25.8	22.2	33.2

240 100

120 6.6 6.6 10.0#

236 25.8 22.2 33.2

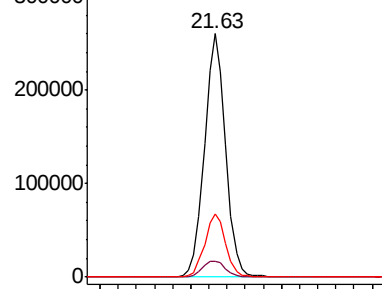


Abundance

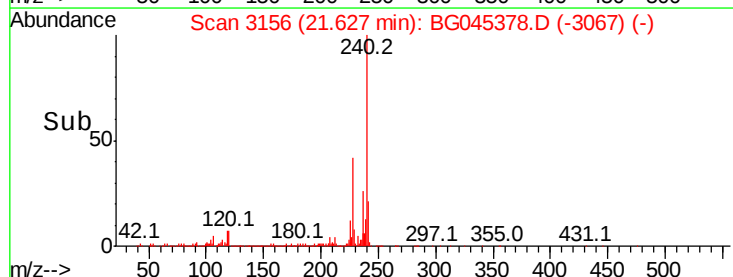
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70





#77

Benzidine

Concen: 24.473 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

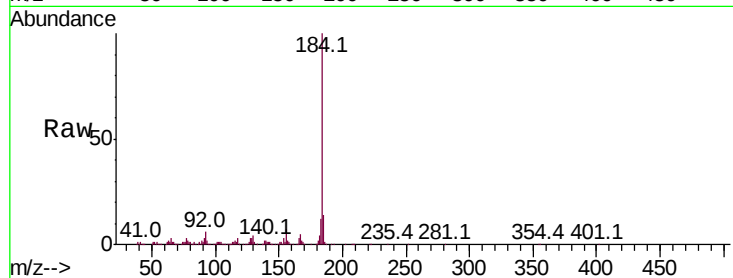
BNA_G

ClientSampleId :

PB128809BSD

Tot Ion:184 Resp: 331777

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	19.0
183	12.2	11.3	16.9

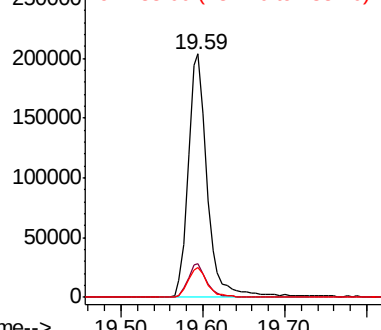


Abundance

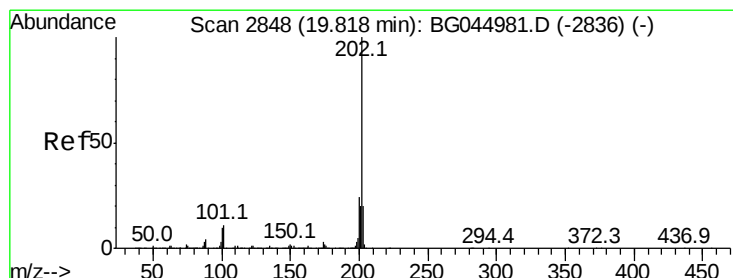
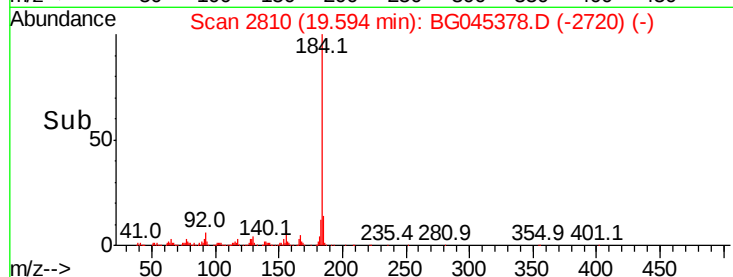
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 34.572 ng

RT: 19.78 min Scan# 2841

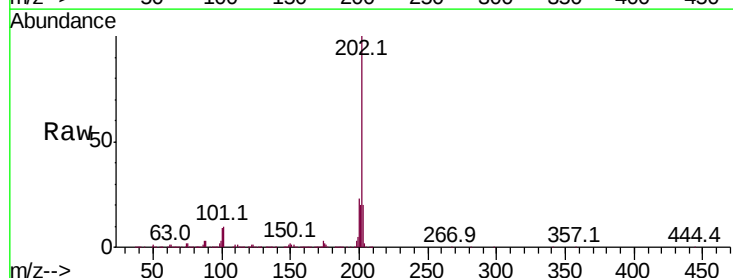
Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Tgt Ion:202 Resp: 1004123

Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.0	28.6
203	19.8	16.1	24.1

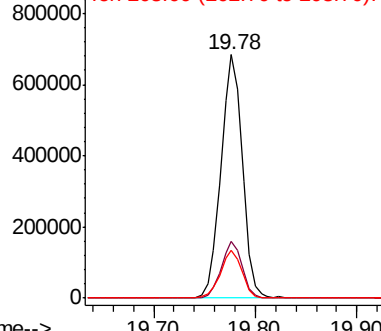


Abundance

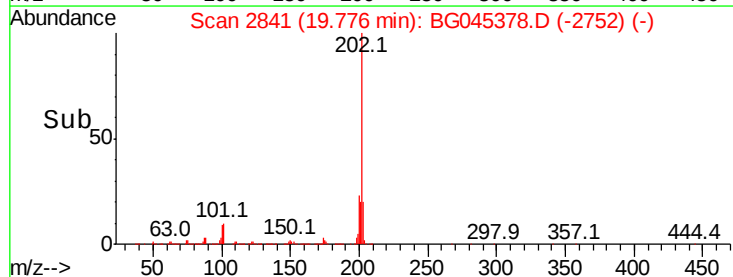
Ion 202.00 (201.70 to 202.70): E

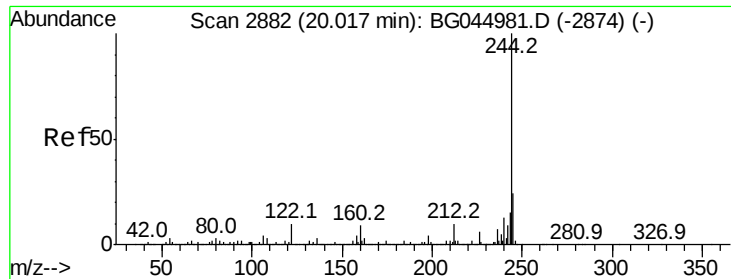
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 80.429 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

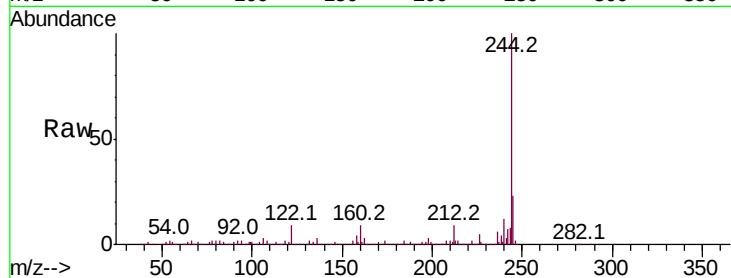
Tot Ion:244 Resp: 1554662

Ion Ratio Lower Upper

244 100

212 9.2 7.9 11.9

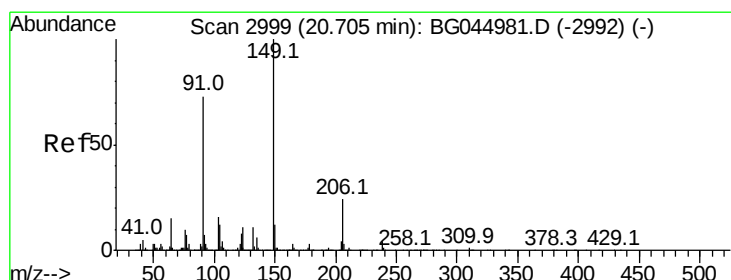
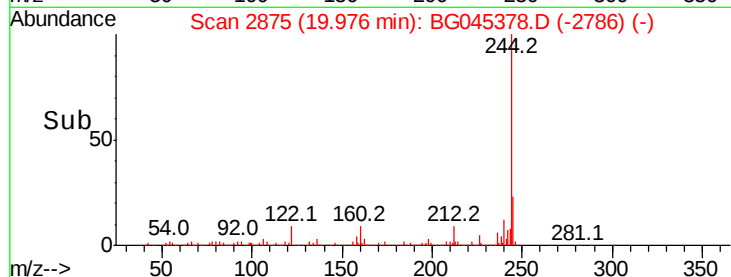
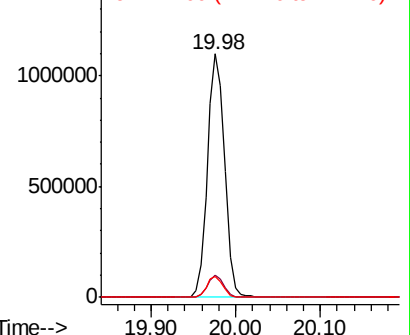
122 8.7 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.761 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

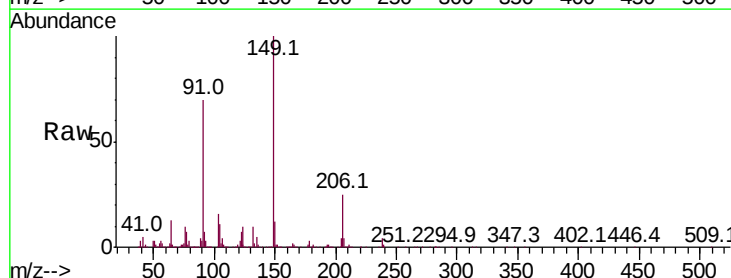
Tgt Ion:149 Resp: 406463

Ion Ratio Lower Upper

149 100

91 69.8 58.5 87.7

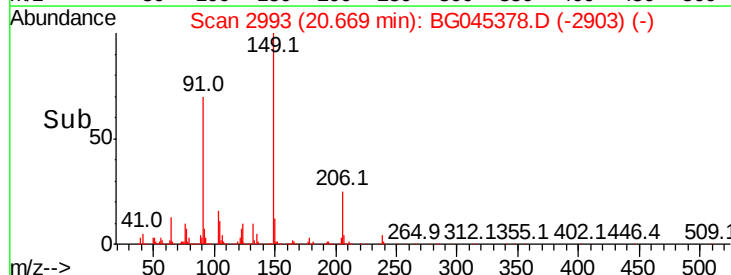
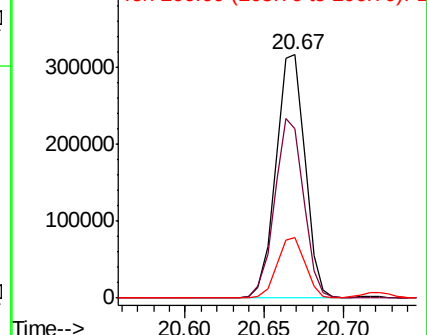
206 25.1 19.2 28.8

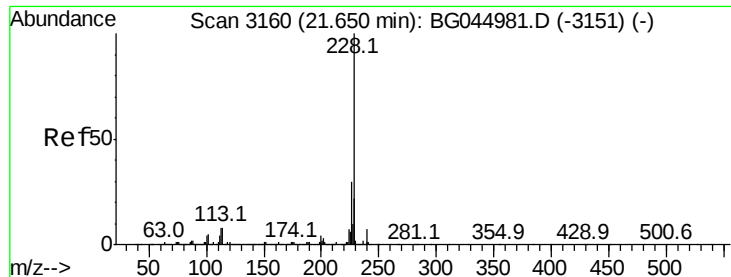


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.251 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

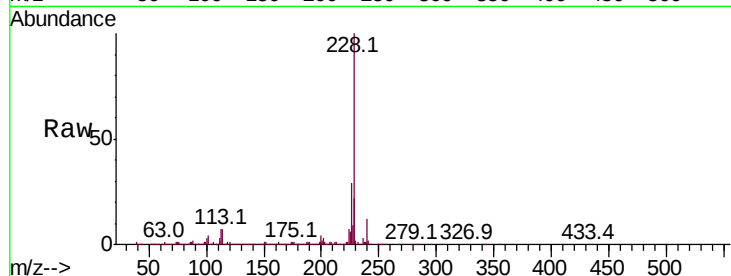
Tot Ion:228 Resp: 935252

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

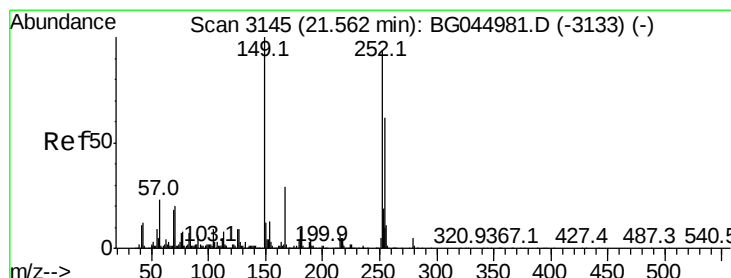
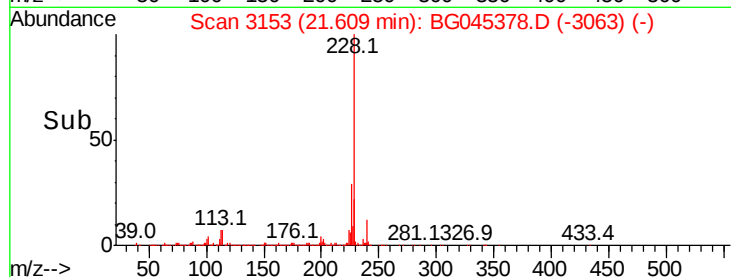
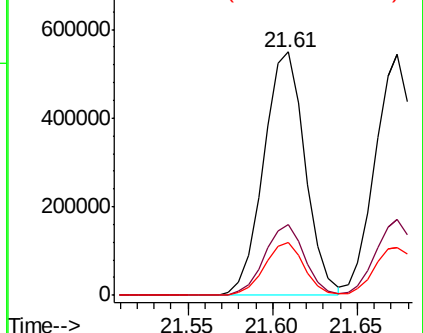
229 21.6 17.5 26.3



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: 14.660 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

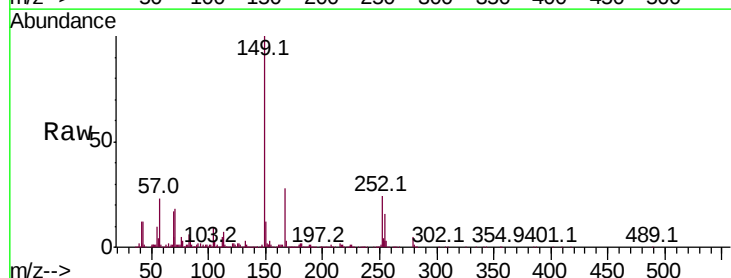
Tgt Ion:252 Resp: 159332

Ion Ratio Lower Upper

252 100

254 65.1 52.6 79.0

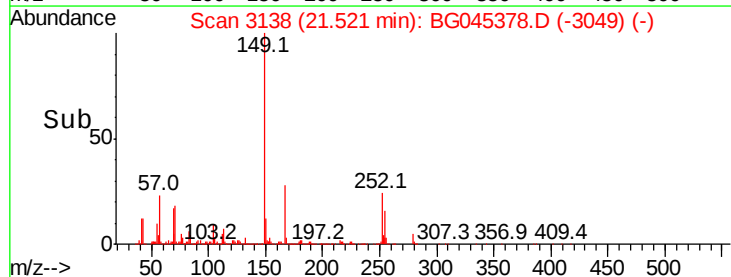
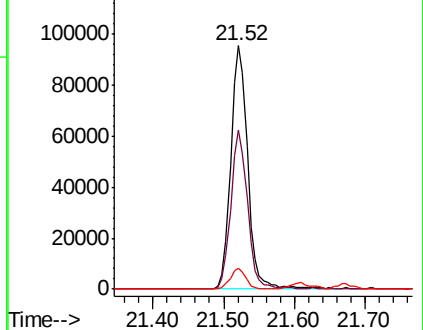
126 8.4 7.5 11.3



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: 34.126 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

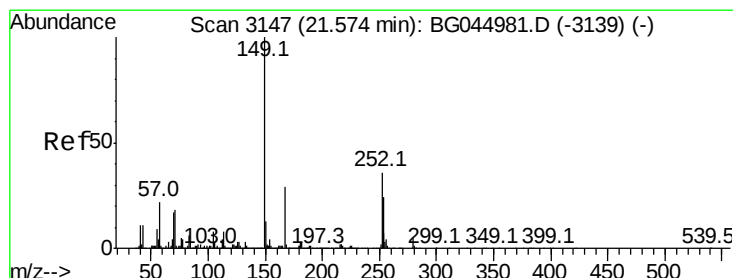
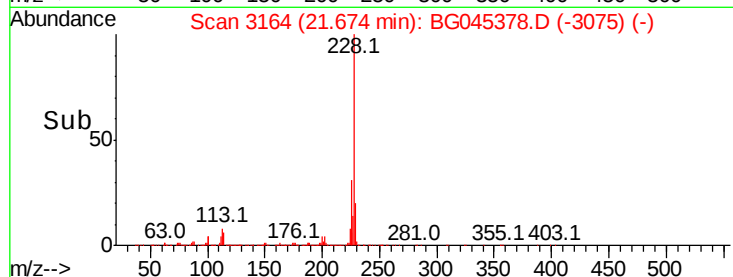
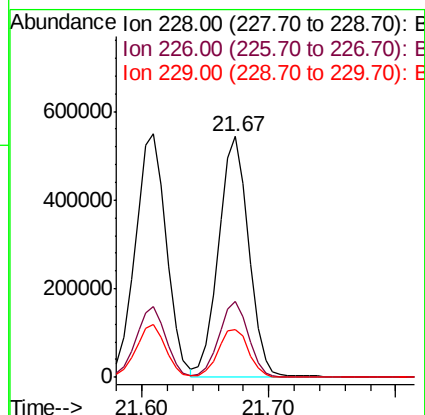
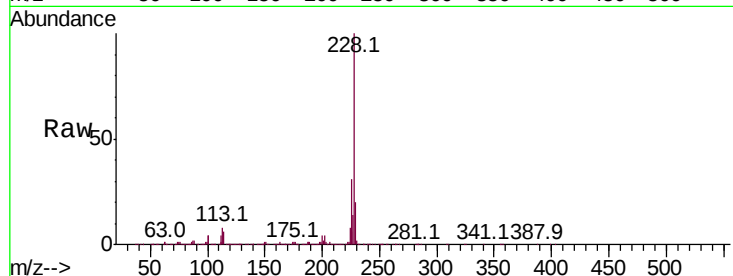
Tot Ion:228 Resp: 895339

Ion Ratio Lower Upper

228 100

226 31.5 26.2 39.4

229 20.0 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.024 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

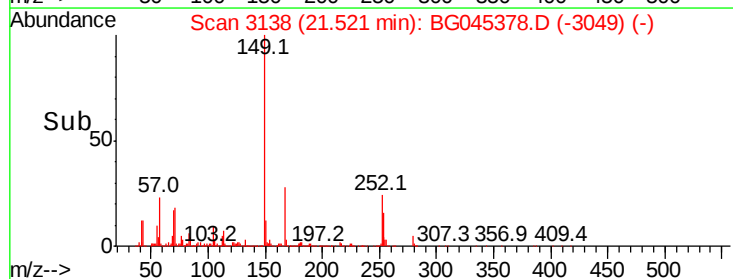
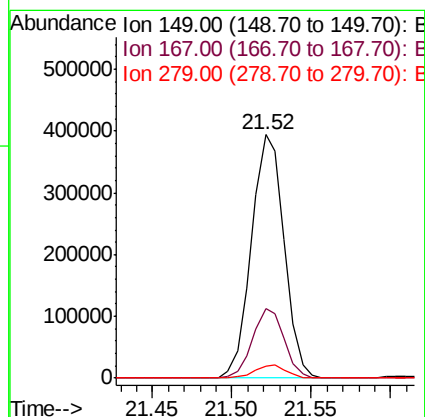
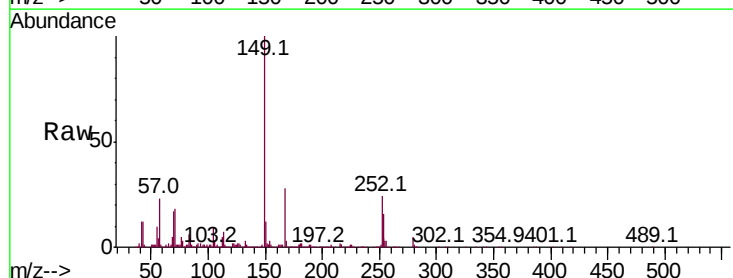
Tgt Ion:149 Resp: 563372

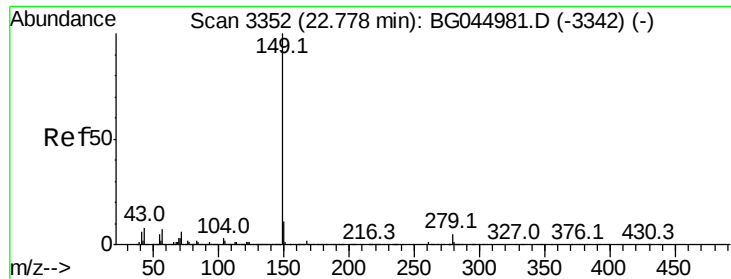
Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

279 5.1 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 32.633 ng

RT: 22.71 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

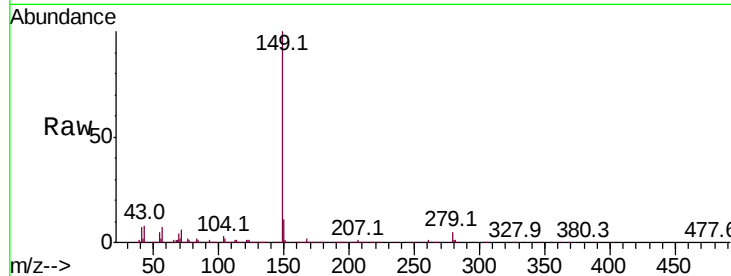
Tot Ion:149 Resp: 934401

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

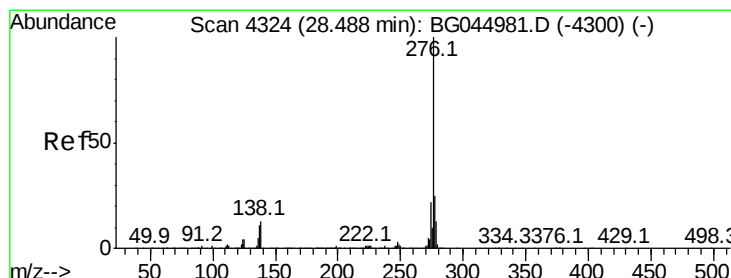
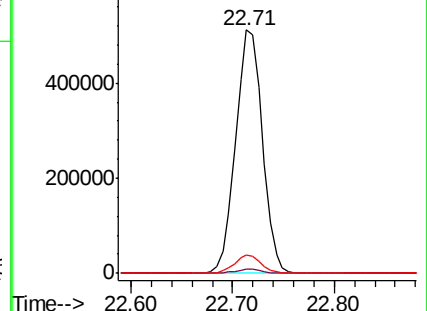
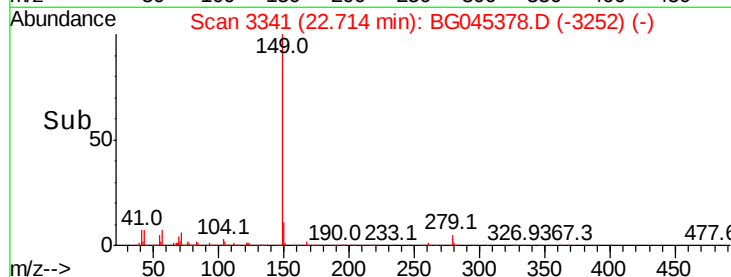
43 7.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.654 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

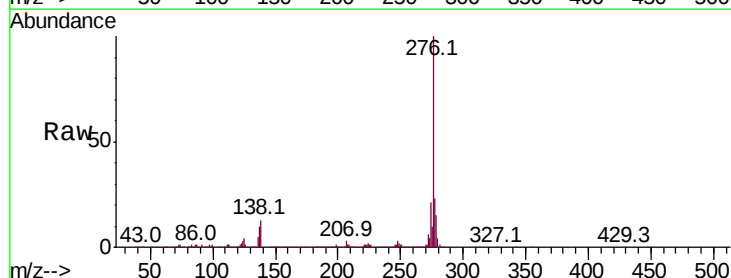
Tgt Ion:276 Resp: 1137458

Ion Ratio Lower Upper

276 100

138 11.9 9.6 14.4

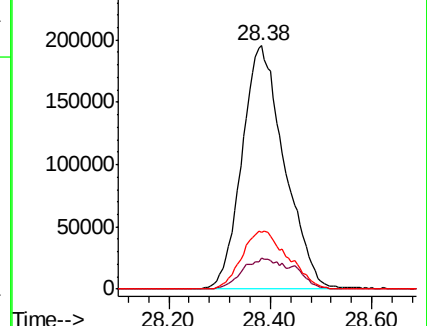
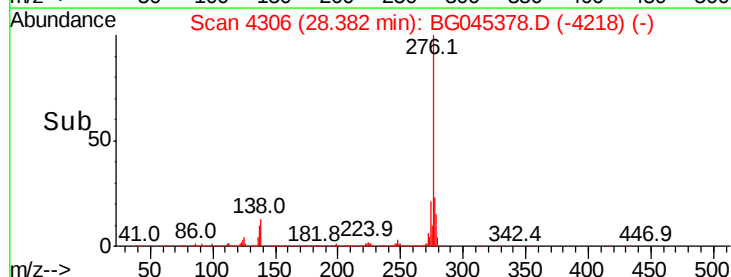
277 26.1 20.6 31.0

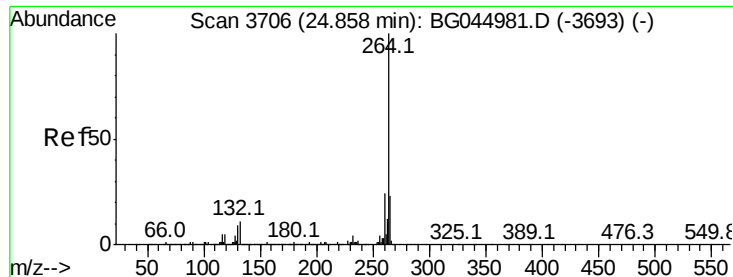


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

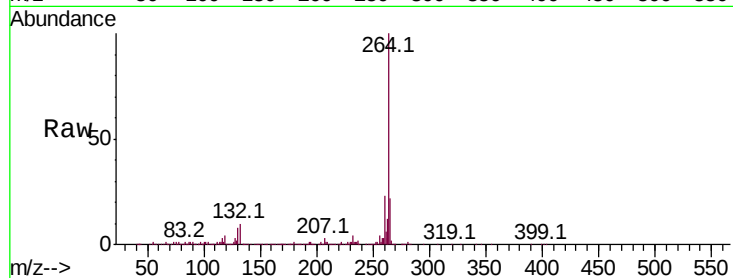
Tot Ion:264 Resp: 459505

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

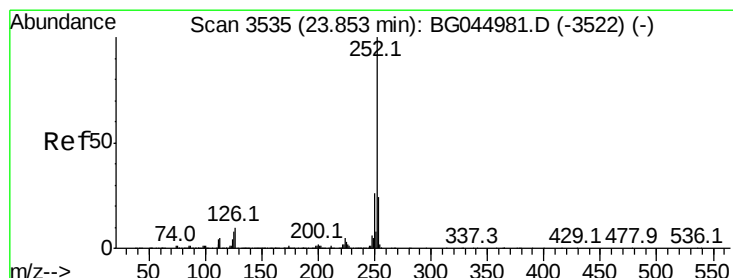
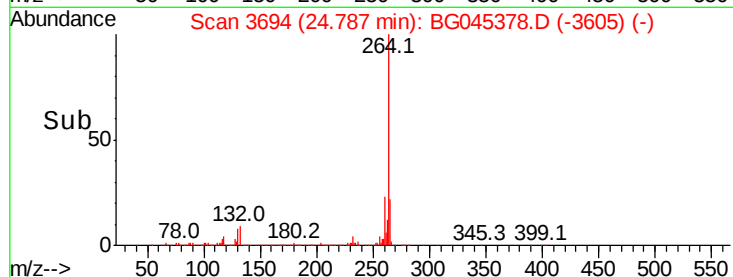
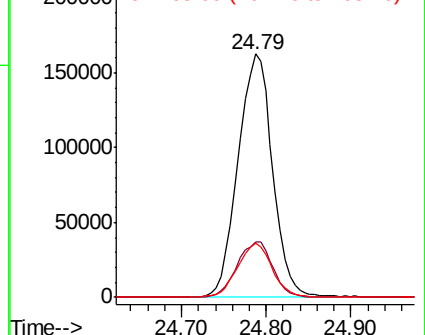
265 22.0 19.0 28.4



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: 34.473 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

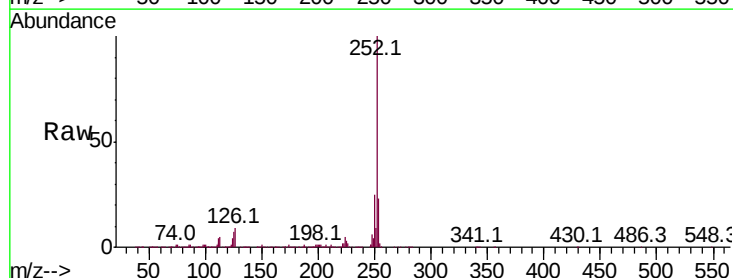
Tgt Ion:252 Resp: 992239

Ion Ratio Lower Upper

252 100

253 22.7 18.8 28.2

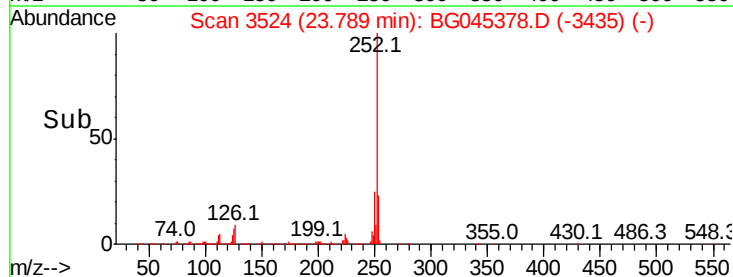
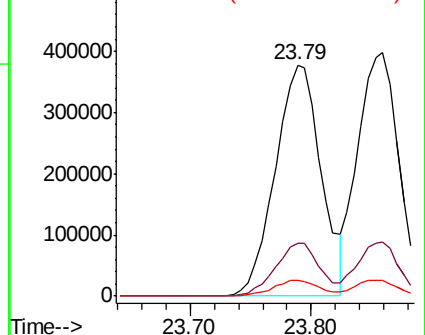
125 6.8 6.2 9.4

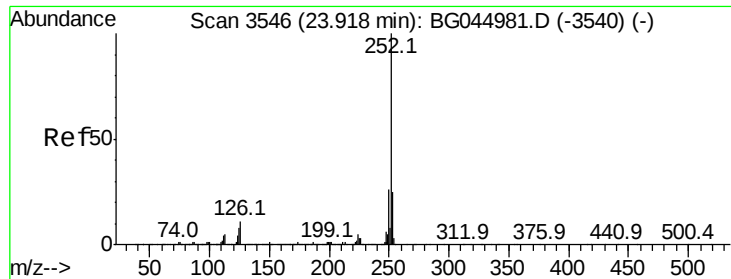


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.430 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

PB128809BSD

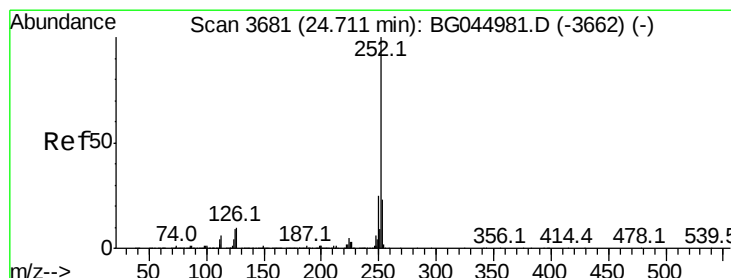
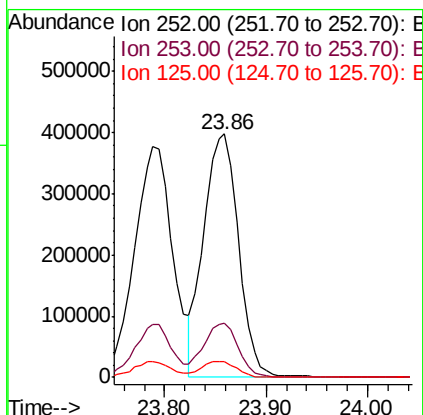
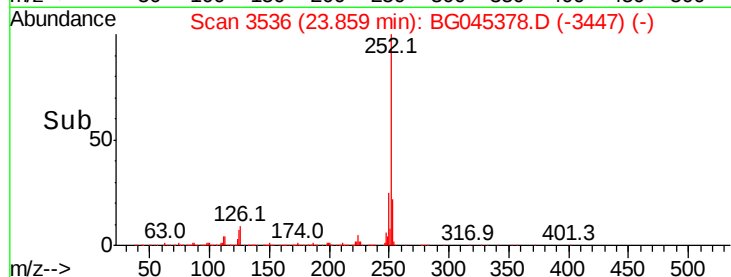
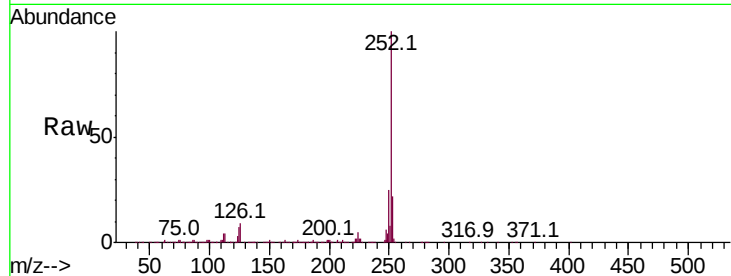
Tot Ion:252 Resp: 942456

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

125 6.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 33.107 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

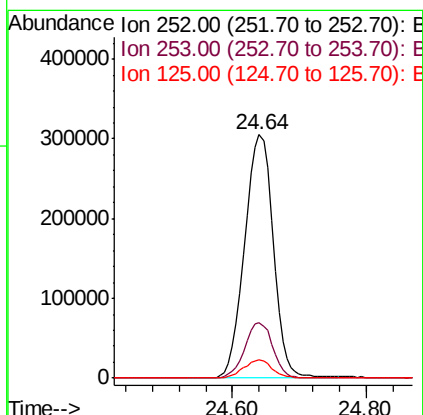
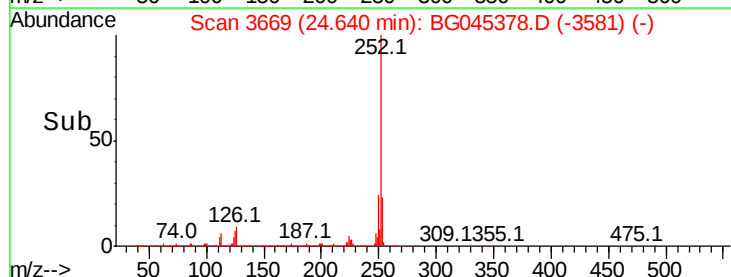
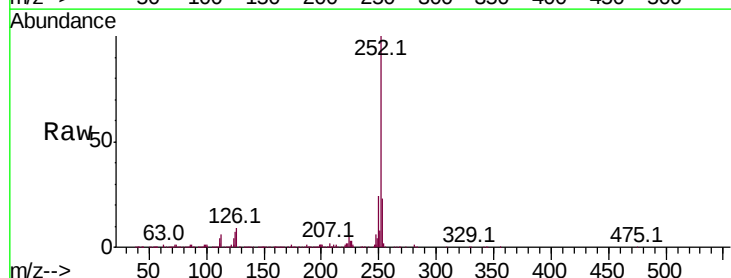
Tgt Ion:252 Resp: 899713

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 34.099 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Instrument :

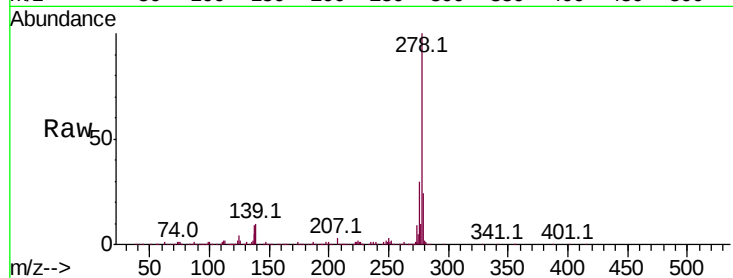
BNA_G

ClientSampleId :

PB128809BSD

Tot Ion:278 Resp: 933756

Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.0	13.6
279	23.6	18.4	27.6

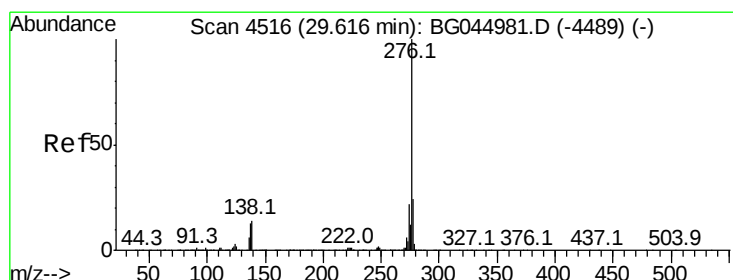
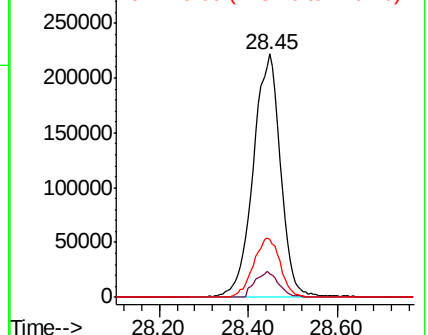
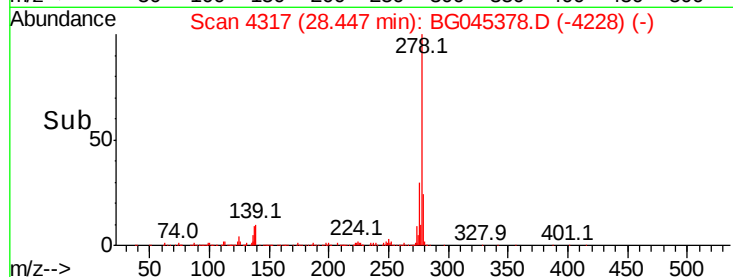


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.650 ng

RT: 29.50 min Scan# 4496

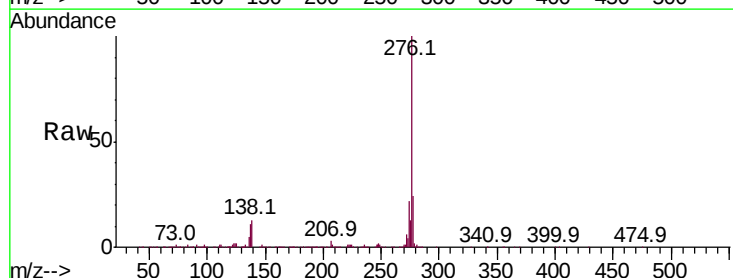
Delta R.T. -0.02 min

Lab File: BG045378.D

Acq: 14 May 2020 15:10

Tgt Ion:276 Resp: 951273

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	12.7	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

