

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045377.D
 Acq On : 14 May 2020 14:31
 Operator : CG/JU
 Sample : PB128856BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

Quant Time: May 14 15:06:37 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	58380	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	250391	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	188092	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	458592	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415829	20.00	ng	0.00
87) Perylene-d12	24.79	264	454204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	398973	112.83	ng	0.00
7) Phenol-d6	7.14	99	572595	108.99	ng	0.00
23) Nitrobenzene-d5	9.13	82	366401	66.77	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	288386	99.25	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	872757	68.04	ng	0.00
79) Terphenyl-d14	19.98	244	1566324	82.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	51310	32.650	ng	96
3) Pyridine	3.82	79	114764	23.718	ng	99
4) n-Nitrosodimethylamine	3.73	42	52139	35.175	ng	# 95
6) Aniline	7.29	93	135147	19.784	ng	99
8) 2-Chlorophenol	7.54	128	149944	39.455	ng	97
9) Benzaldehyde	7.10	77	106605	34.525	ng	98
10) Phenol	7.17	94	201412	38.310	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	134575	32.150	ng	98
12) 1,3-Dichlorobenzene	7.86	146	154338	34.464	ng	97
13) 1,4-Dichlorobenzene	8.01	146	156555	35.084	ng	97
14) 1,2-Dichlorobenzene	8.32	146	147605	34.576	ng	95
15) Benzyl Alcohol	8.20	79	154592	35.095	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	127793	31.101	ng	95
17) 2-Methylphenol	8.42	107	138822	34.223	ng	93
18) Hexachloroethane	9.06	117	60051	35.797	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	124952	33.630	ng	99
20) 3+4-Methylphenols	8.75	107	192158	33.844	ng	97
22) Acetophenone	8.79	105	228575	33.757	ng	# 96
24) Nitrobenzene	9.17	77	186590	33.172	ng	# 97
25) Isophorone	9.70	82	363214	32.321	ng	99
26) 2-Nitrophenol	9.88	139	85032	35.095	ng	95
27) 2,4-Dimethylphenol	9.96	122	148902	38.731	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	198186	33.565	ng	97
29) 2,4-Dichlorophenol	10.43	162	158888	35.792	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	168801	33.585	ng	97
31) Naphthalene	10.83	128	464172	33.887	ng	98
32) Benzoic acid	10.10	122	85395	30.219	ng	90
33) 4-Chloroaniline	10.94	127	57979	9.076	ng	98
34) Hexachlorobutadiene	11.12	225	114919	33.349	ng	97
35) Caprolactam	11.70	113	27174	15.381	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	186793	35.819	ng	97
37) 2-Methylnaphthalene	12.44	142	357770	33.651	ng	96
38) 1-Methylnaphthalene	12.66	142	342211	34.095	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	199855	33.001	ng	99

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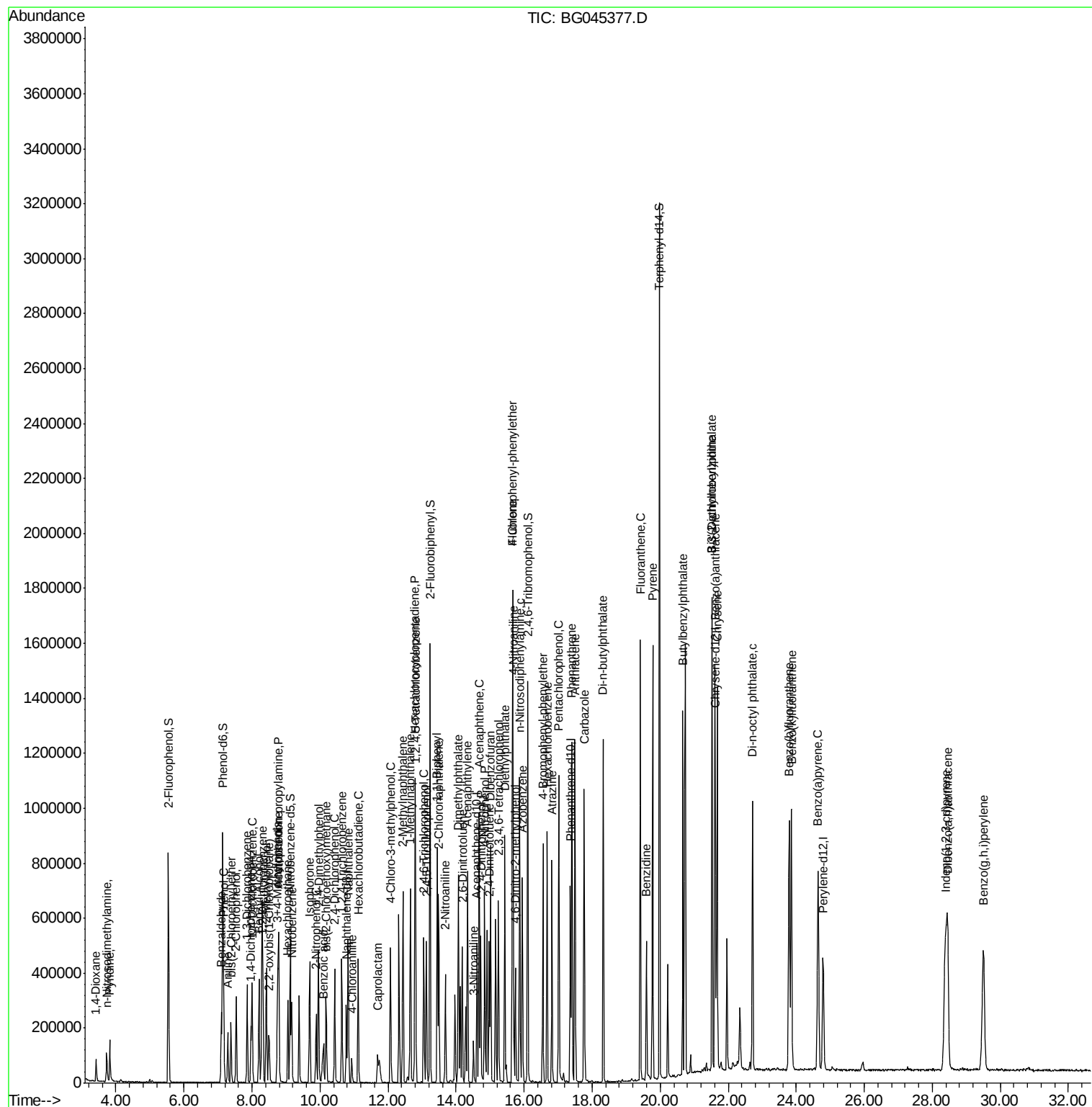
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	268664	70.979	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	146313	34.232	nq	96
44) 2,4,5-Trichlorophenol	13.13	196	159576	32.800	nq	96
46) 1,1'-Biphenyl	13.44	154	470123	32.884	nq	99
47) 2-Chloronaphthalene	13.49	162	353948	32.401	nq	99
48) 2-Nitroaniline	13.69	65	118516	32.975	nq	94
49) Acenaphthylene	14.34	152	605109	34.008	nq	99
50) Dimethylphthalate	14.07	163	509667	33.278	nq	98
51) 2,6-Dinitrotoluene	14.18	165	118983	34.734	nq	99
52) Acenaphthene	14.68	154	359567	29.867	nq	98
53) 3-Nitroaniline	14.51	138	43788	11.655	nq	99
54) 2,4-Dinitrophenol	14.73	184	139902	68.682	nq	95
55) Dibenzofuran	15.01	168	585275	33.346	nq	99
56) 4-Nitrophenol	14.84	139	194352	66.717	nq	97
57) 2,4-Dinitrotoluene	14.97	165	168967	33.752	nq	98
58) Fluorene	15.67	166	486828	33.957	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	151375	34.969	nq	99
60) Diethylphthalate	15.44	149	532381	33.341	nq	100
61) 4-Chlorophenyl-phenylether	15.65	204	268918	32.588	nq	98
62) 4-Nitroaniline	15.68	138	109372	28.067	nq	95
63) Azobenzene	15.95	77	497304	33.780	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	111274	36.915	nq	93
66) n-Nitrosodiphenylamine	15.87	169	443833	33.684	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	187114	31.627	nq	97
68) Hexachlorobenzene	16.68	284	201362	32.817	nq	97
69) Atrazine	16.82	200	173243	34.985	nq	99
70) Pentachlorophenol	17.02	266	234707	62.354	nq	97
71) Phenanthrene	17.40	178	810213	34.381	nq	98
72) Anthracene	17.50	178	832262	35.207	nq	99
73) Carbazole	17.76	167	768584	32.039	nq	99
74) Di-n-butylphthalate	18.33	149	943887	34.765	nq	99
75) Fluoranthene	19.42	202	1015424	35.334	nq	98
77) Benzidine	19.60	184	345912	26.237	nq	96
78) Pyrene	19.78	202	1027207	35.832	nq	97
80) Butylbenzylphthalate	20.66	149	408001	34.335	nq	98
81) Benzo(a)anthracene	21.61	228	932191	34.588	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	165934	15.468	nq	99
83) Chrysene	21.67	228	893873	34.518	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	556303	34.039	nq	98
85) Di-n-octyl phthalate	22.71	149	945300	33.448	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1133532	32.970	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	974934	34.267	nq	97
89) Benzo(k)fluoranthene	23.86	252	942077	34.818	nq	96
90) Benzo(a)pyrene	24.64	252	903504	33.635	nq	98
91) Dibenzo(a,h)anthracene	28.45	278	932724	34.459	nq	95
92) Benzo(g,h,i)perylene	29.51	276	944682	34.812	nq	97

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

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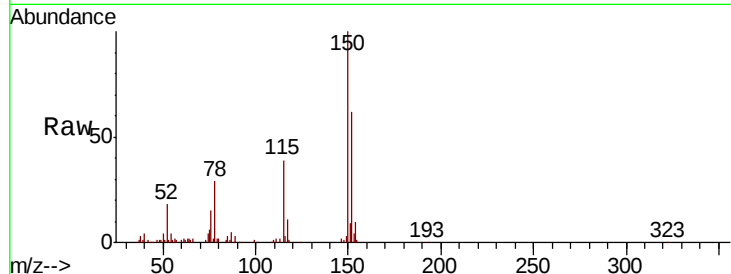


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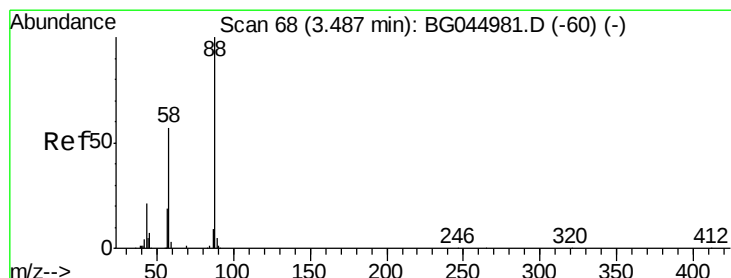
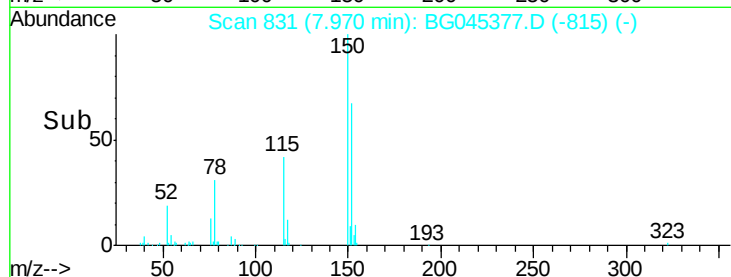
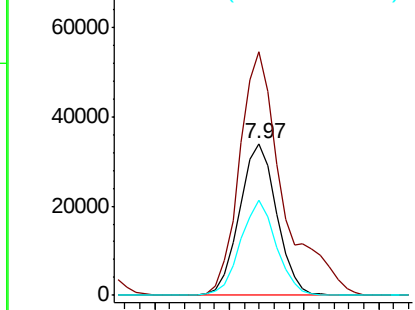
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion	152	Resp	58380
Ion Ratio	Lower	Upper	
152	100		
150	160.1	123.6	185.4
115	62.6	49.1	73.7



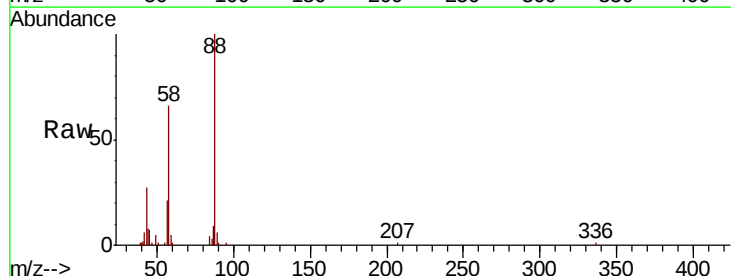
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



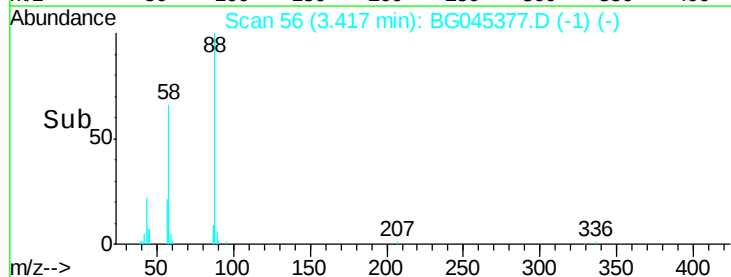
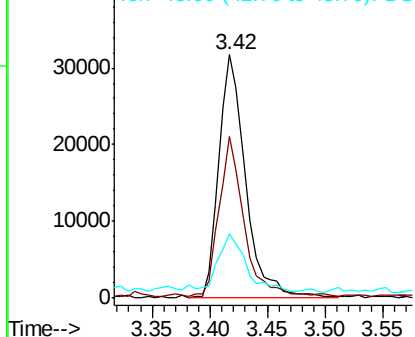
#2

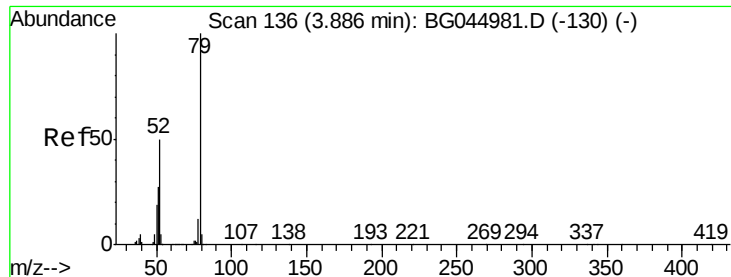
1,4-Dioxane
Concen: 32.650 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	88	Resp	51310
Ion Ratio	Lower	Upper	
88	100		
58	60.3	46.6	69.8
43	25.2	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: 23.718 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

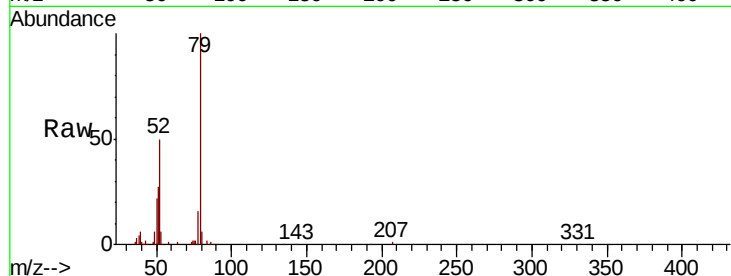
Tot Ion: 79 Resp: 114764

Ion Ratio Lower Upper

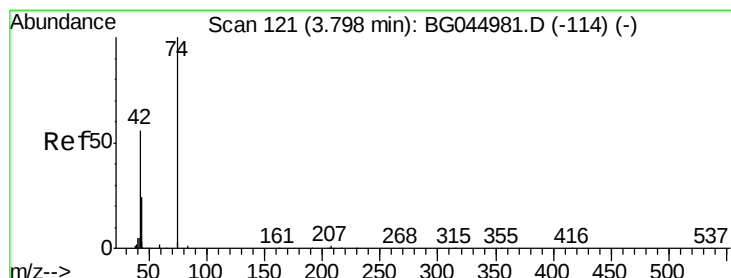
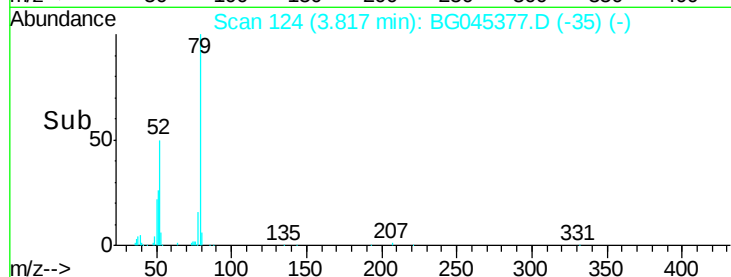
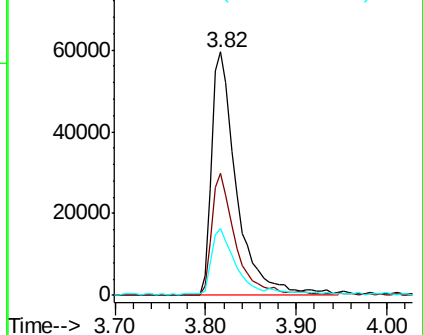
79 100

52 50.0 39.8 59.6

51 27.3 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 35.175 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

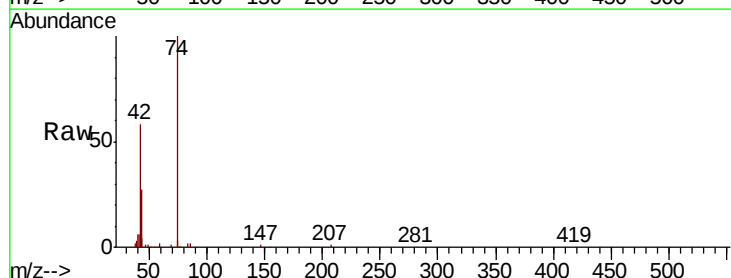
Tgt Ion: 42 Resp: 52139

Ion Ratio Lower Upper

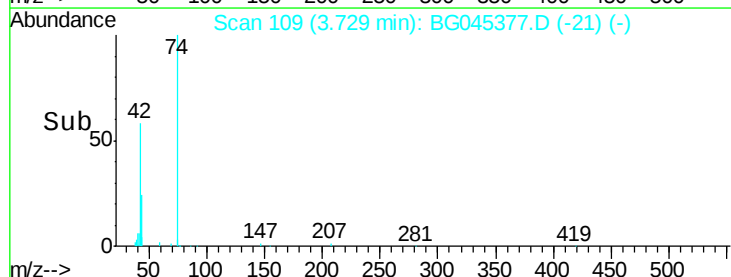
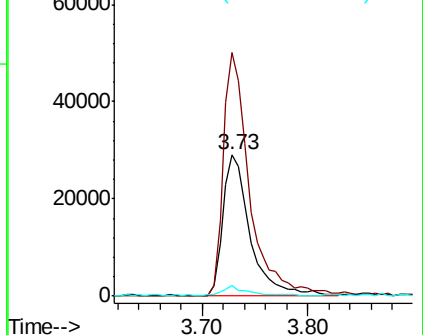
42 100

74 172.3 143.0 214.6

44 7.2 4.6 6.8#



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





#5

2-Fluorophenol

Concen: 112.827 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045377.D

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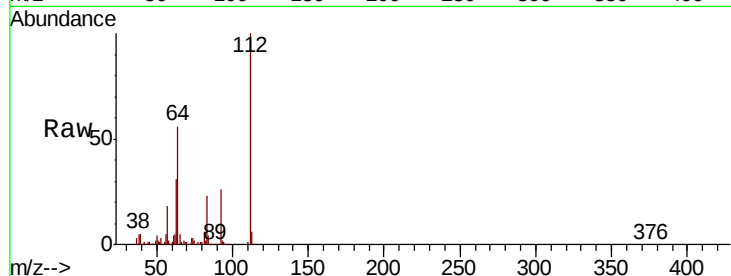
Tot Ion:112 Resp: 398973

Ion Ratio Lower Upper

112 100

64 56.3 42.4 63.6

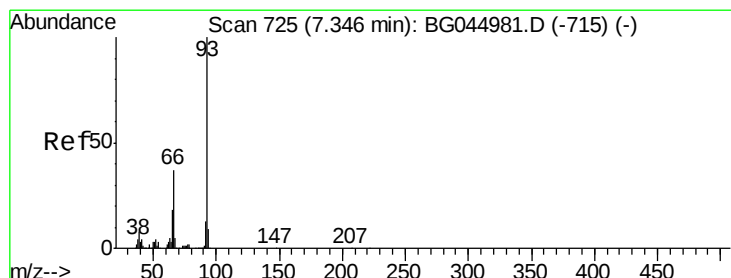
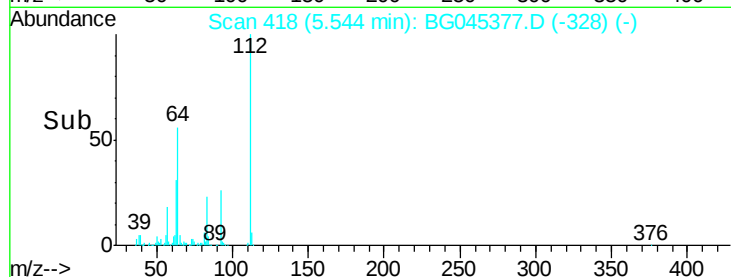
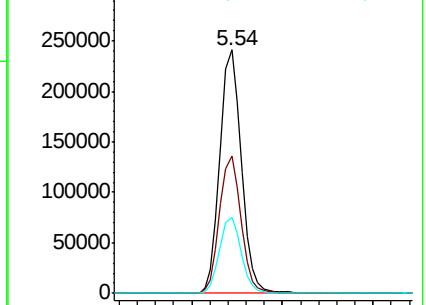
63 31.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.784 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

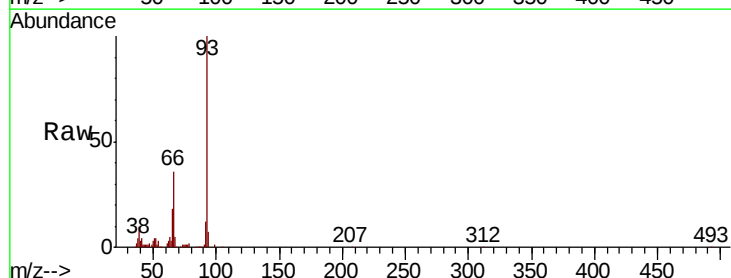
Tgt Ion: 93 Resp: 135147

Ion Ratio Lower Upper

93 100

66 36.2 29.8 44.8

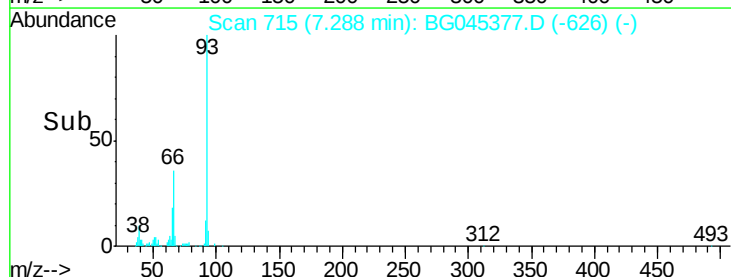
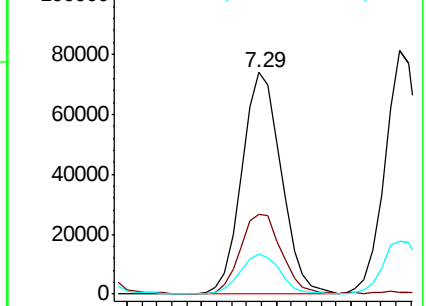
65 18.2 14.6 22.0

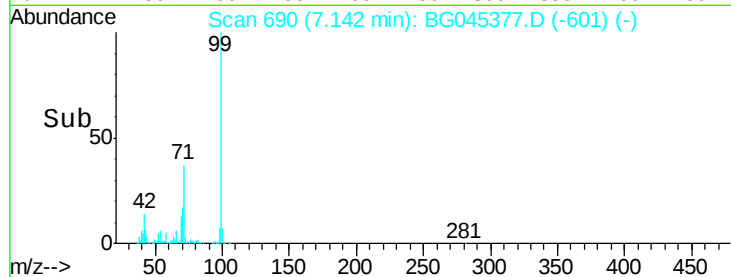
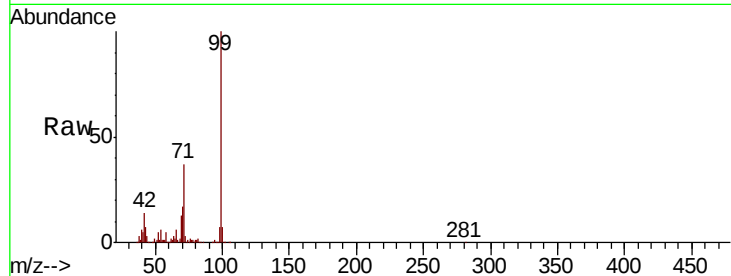


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.986 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

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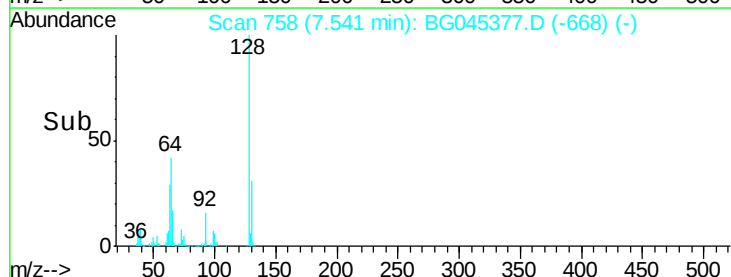
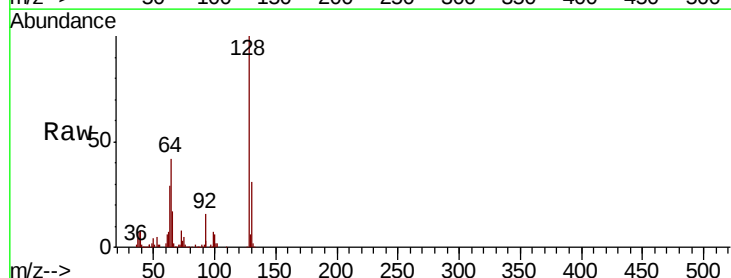
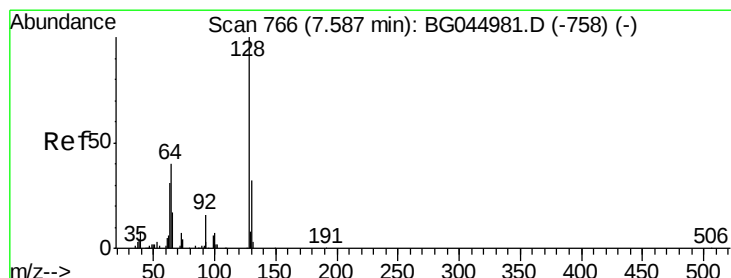
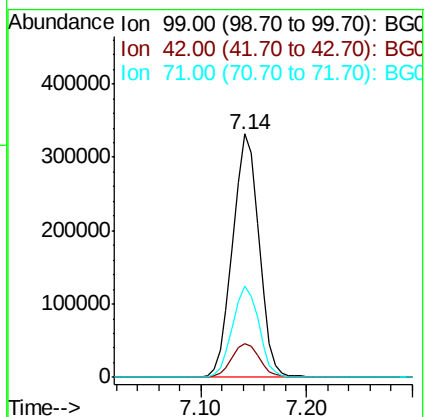
Tot Ion: 99 Resp: 572595

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

71 37.5 28.3 42.5



#8

2-Chlorophenol

Concen: 39.455 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

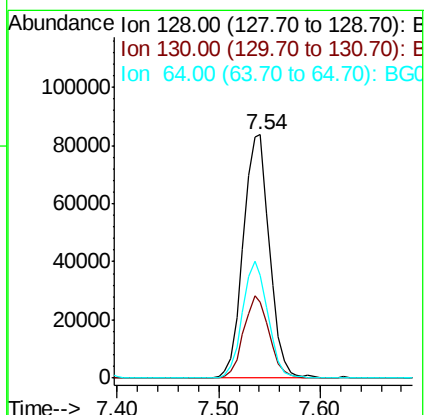
Tgt Ion: 128 Resp: 149944

Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

64 42.3 24.4 64.4





#9

Benzaldehyde

Concen: 34.525 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045377.D

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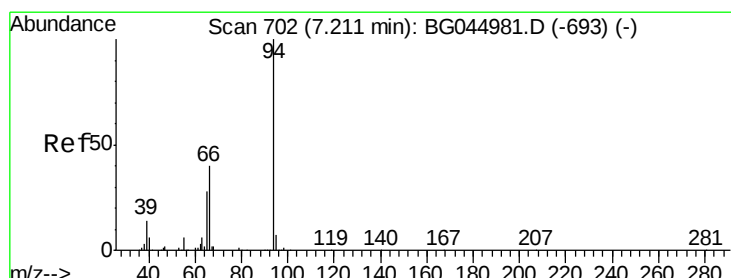
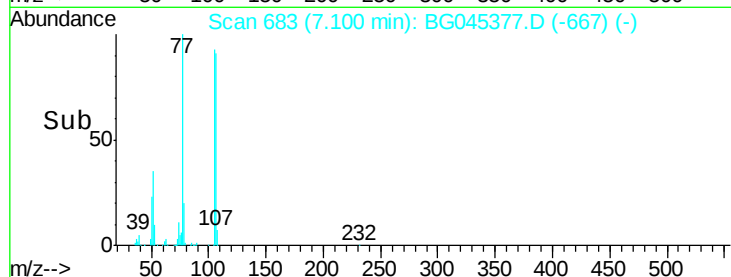
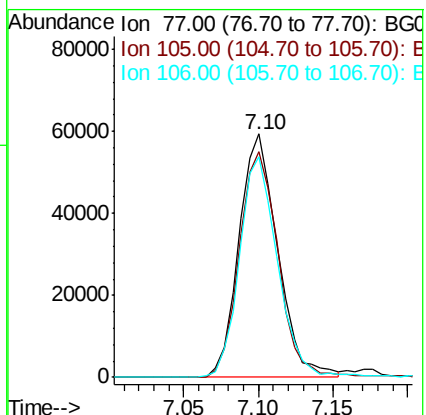
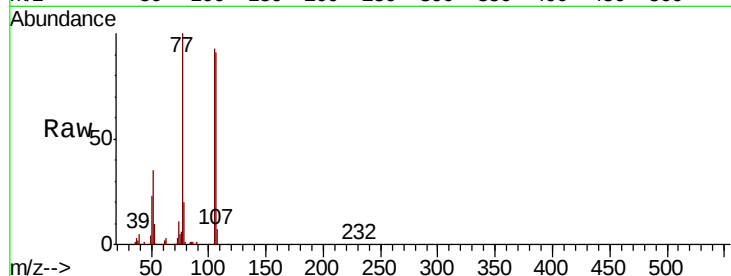
Tot Ion: 77 Resp: 106605

Ion Ratio Lower Upper

77 100

105 92.9 72.9 112.9

106 90.5 67.6 107.6



#10

Phenol

Concen: 38.310 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

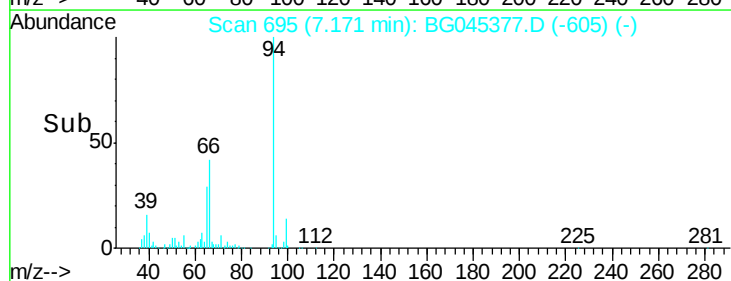
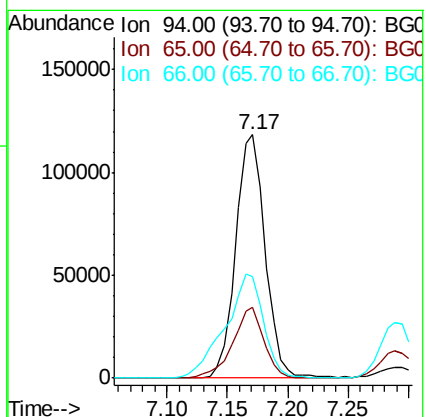
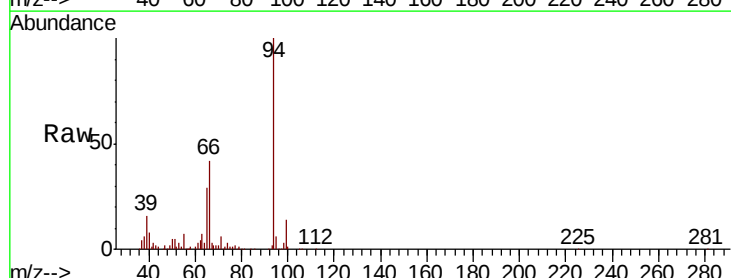
Tgt Ion: 94 Resp: 201412

Ion Ratio Lower Upper

94 100

65 29.2 8.2 48.2

66 41.6 20.4 60.4

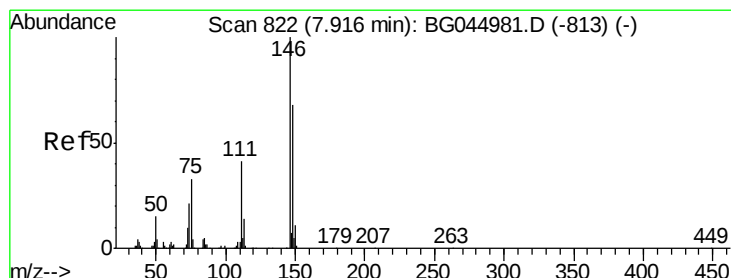
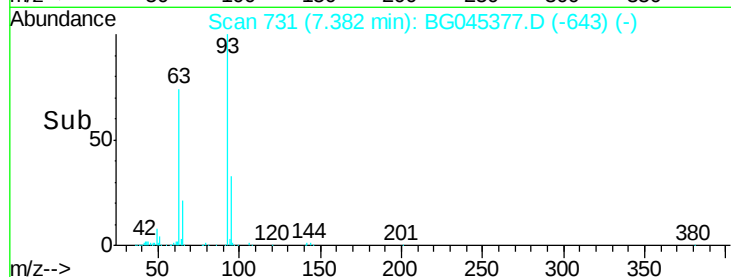
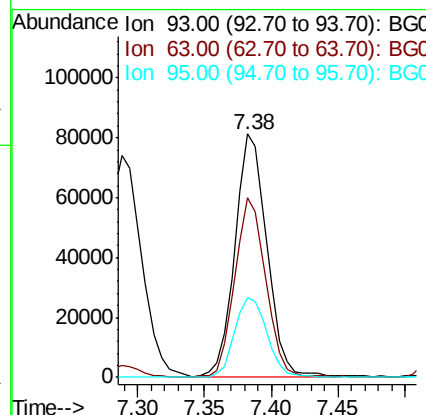
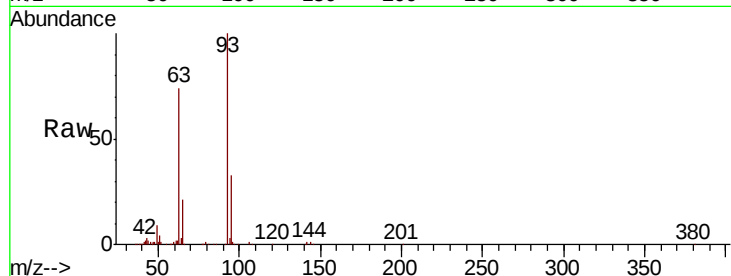




#11
 bis(2-Chloroethyl)ether
 Concen: 32.150 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

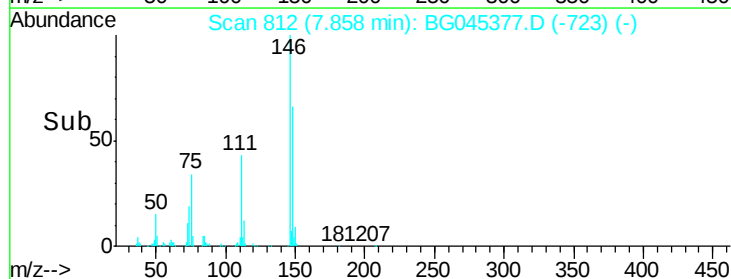
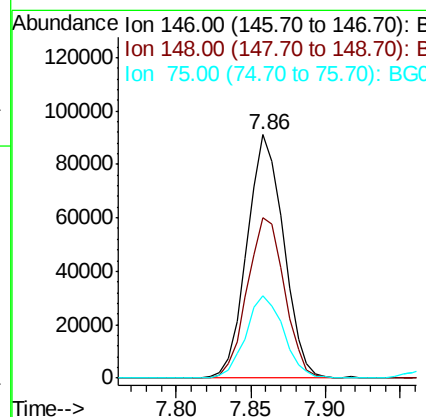
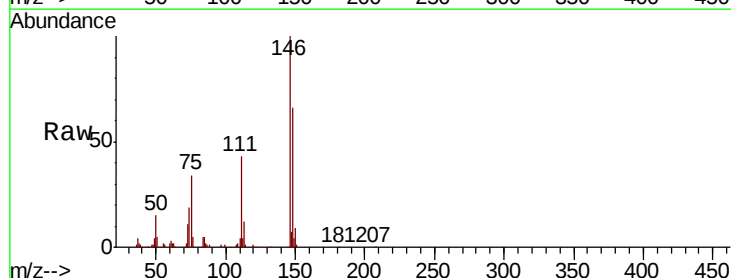
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

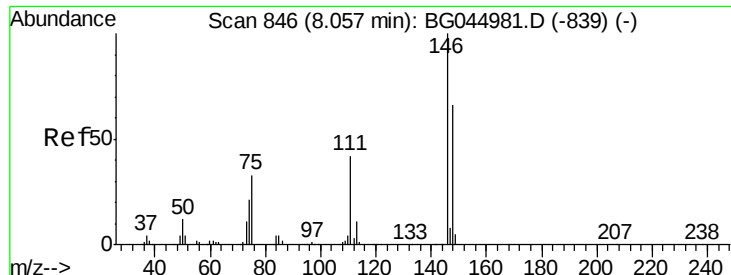
Tot Ion	93	Resp	134575
Ion	Ratio	Lower	Upper
93	100		
63	73.9	51.8	91.8
95	32.7	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 34.464 ng
 RT: 7.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion	146	Resp	154338
Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.6	81.8
75	33.8	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 35.084 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

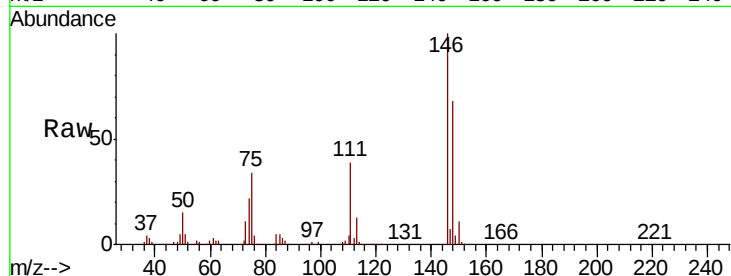
Tot Ion:146 Resp: 156555

Ion Ratio Lower Upper

146 100

148 67.7 53.3 79.9

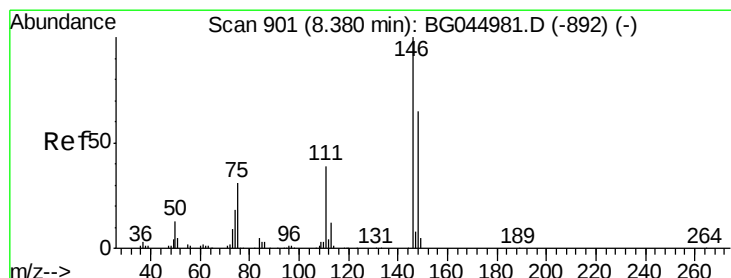
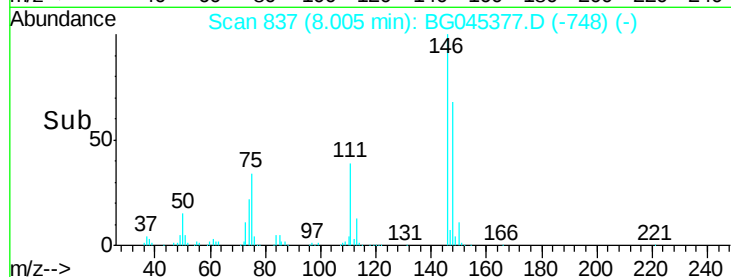
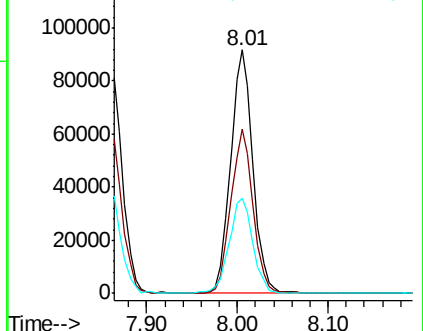
111 39.2 33.8 50.8



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: 34.576 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

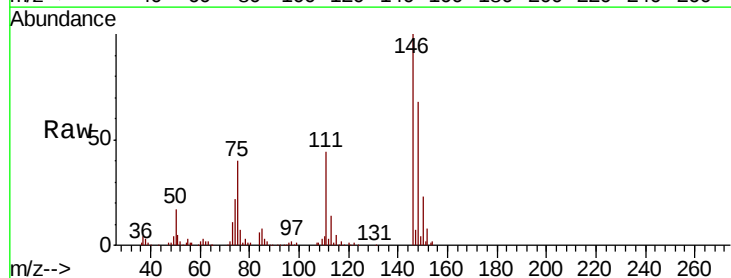
Tgt Ion:146 Resp: 147605

Ion Ratio Lower Upper

146 100

148 67.8 51.9 77.9

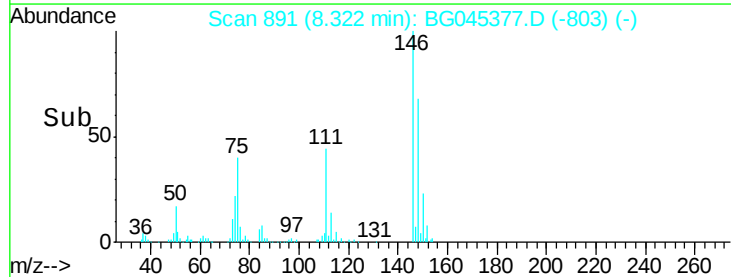
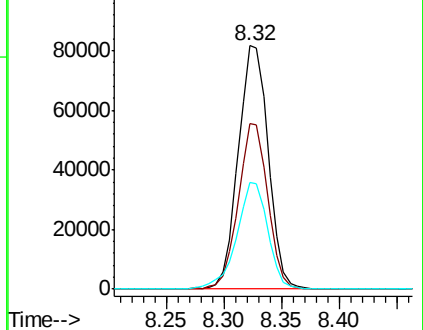
111 43.6 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.095 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

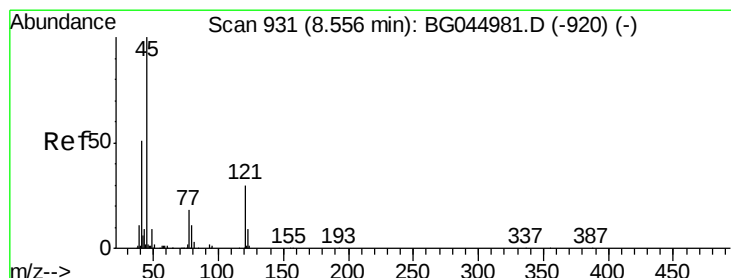
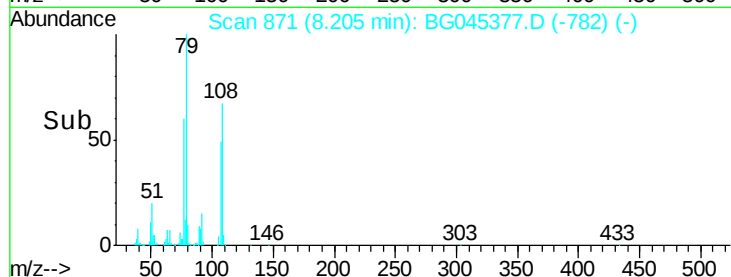
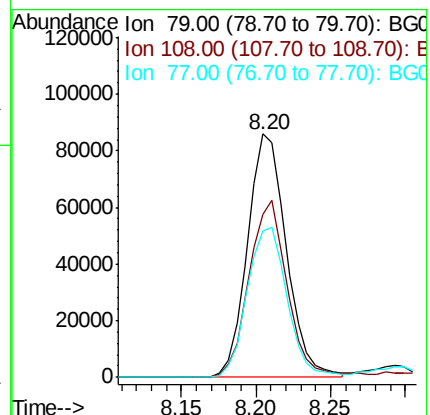
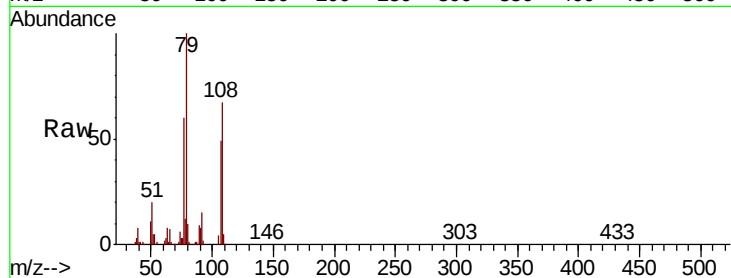
Tot Ion: 79 Resp: 154592

Ion Ratio Lower Upper

79 100

108 67.0 52.7 79.1

77 60.3 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.101 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

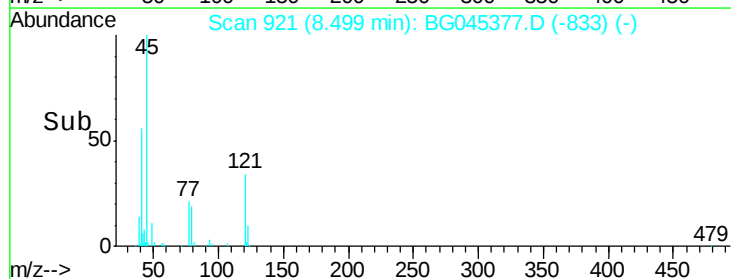
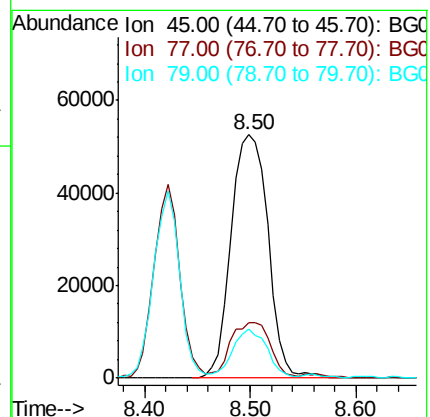
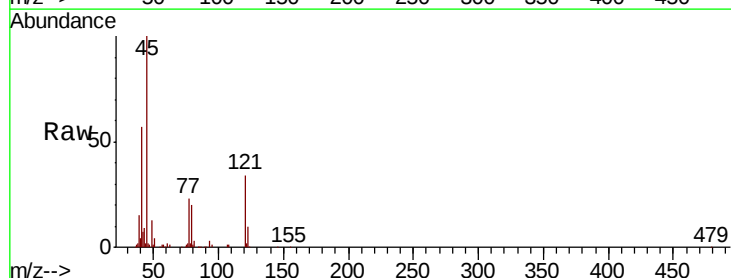
Tgt Ion: 45 Resp: 127793

Ion Ratio Lower Upper

45 100

77 22.5 1.9 41.9

79 20.1 0.0 35.5

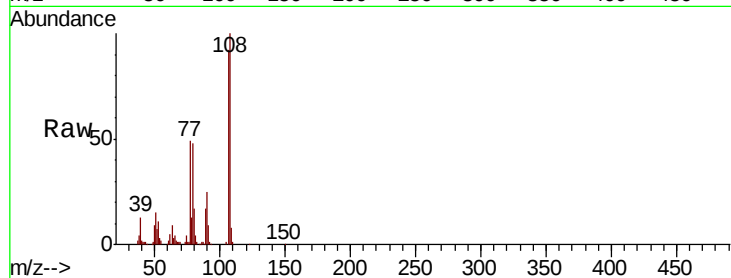




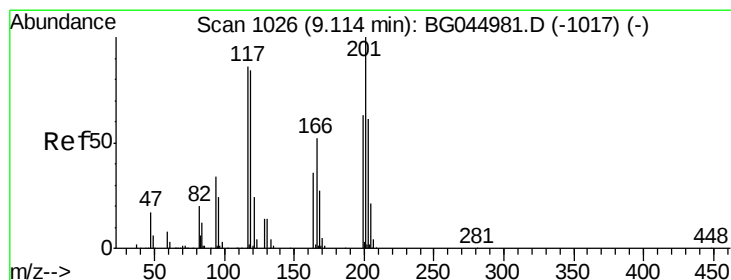
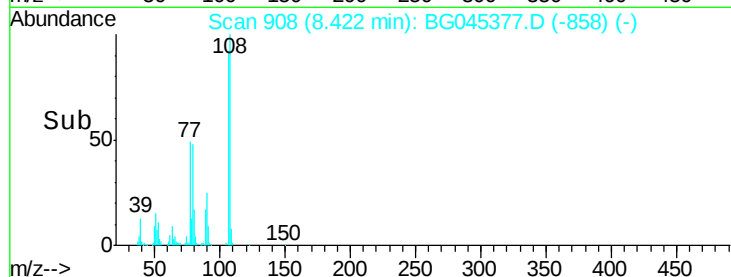
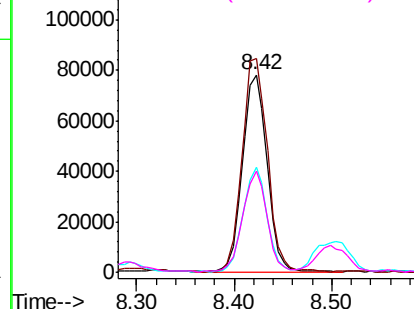
#17
2-Methylphenol
Concen: 34.223 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion:107 Resp: 138822
Ion Ratio Lower Upper
107 100
108 108.3 93.8 140.6
77 53.4 38.5 57.7
79 51.6 40.1 60.1

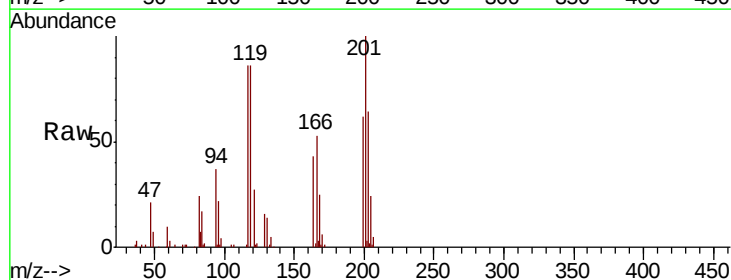


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

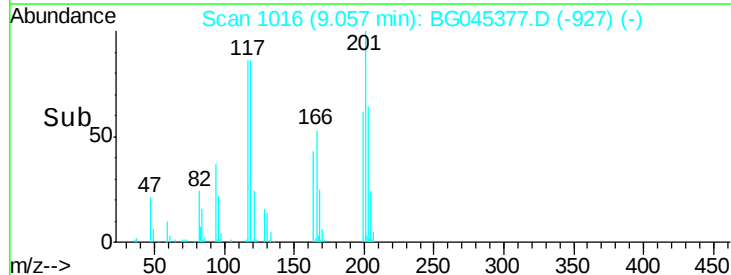
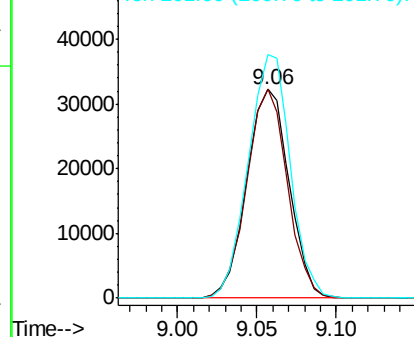


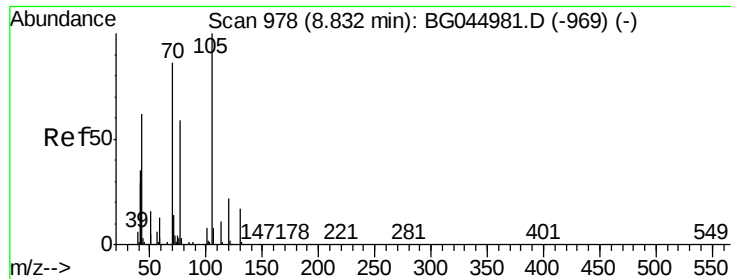
#18
Hexachloroethane
Concen: 35.797 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:117 Resp: 60051
Ion Ratio Lower Upper
117 100
119 100.4 78.3 117.5
201 116.7 92.9 139.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

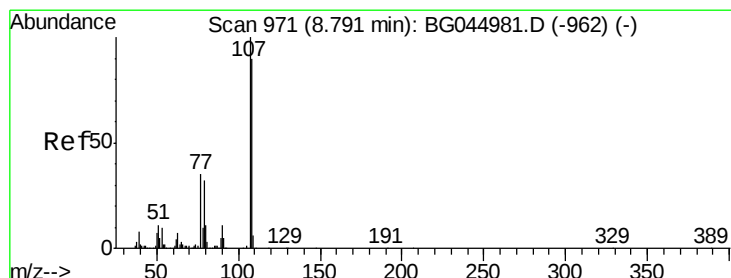
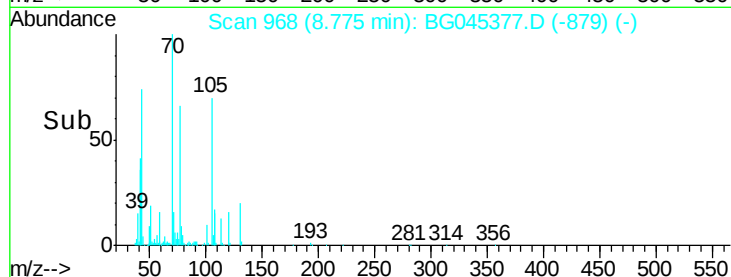
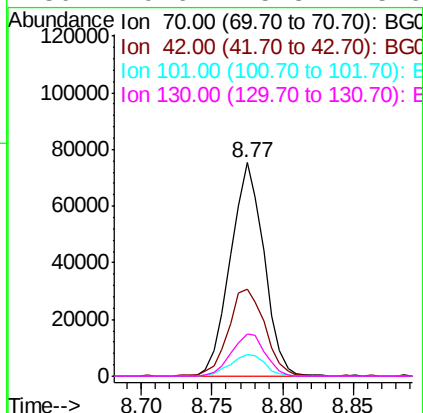
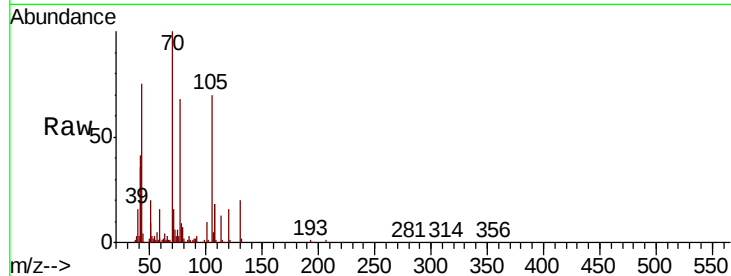




#19
n-Nitroso-di-n-propylamine
Concen: 33.630 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

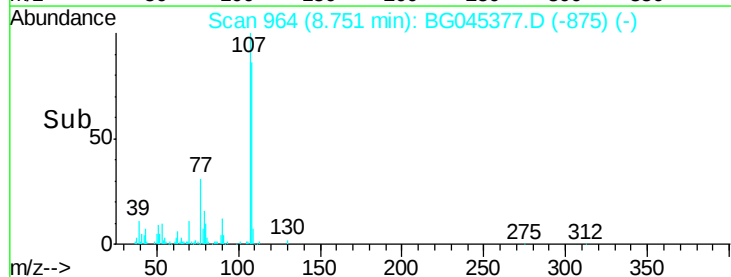
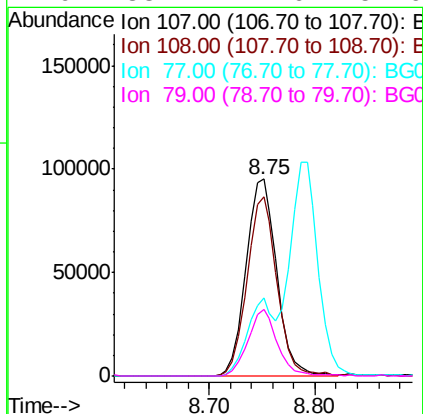
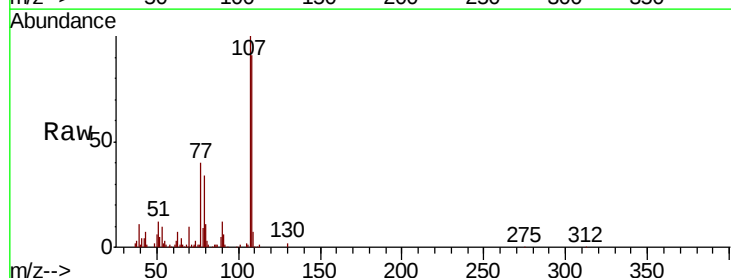
Instrument :
BNA_G
ClientSampleId :
PB128856BS

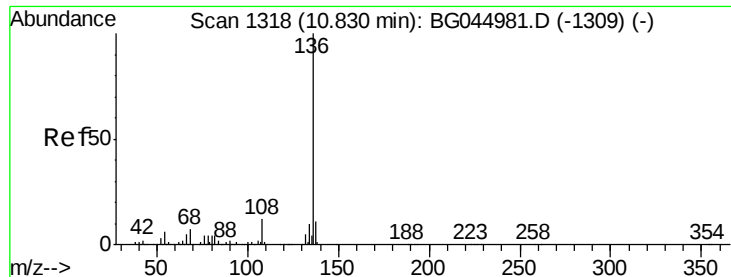
Tot Ion:	70	Resp:	124952
Ion	Ratio	Lower	Upper
70	100		
42	41.0	33.3	49.9
101	10.1	7.8	11.8
130	19.6	15.8	23.6



#20
3+4-Methylphenols
Concen: 33.844 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:	107	Resp:	192158
Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.9	109.9
77	39.6	15.2	55.2
79	33.7	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: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

Tot Ion:136 Resp: 250391

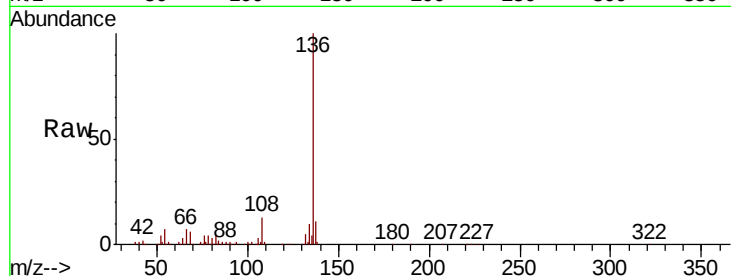
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 6.9 4.8 7.2

68 5.5 5.2 7.8

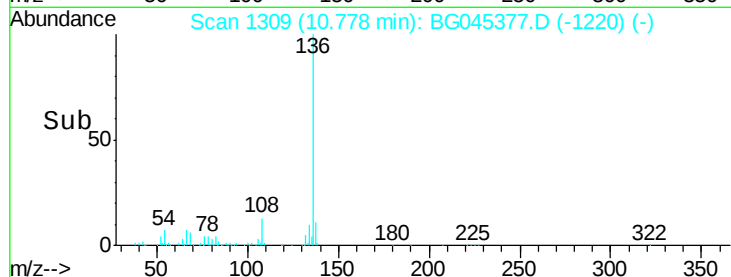


Abundance Ion 136.00 (135.70 to 136.70): E

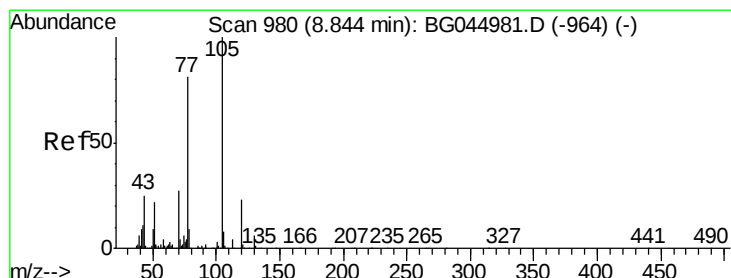
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 33.757 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Tgt Ion:105 Resp: 228575

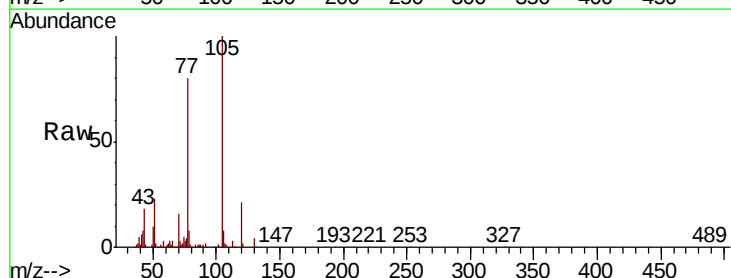
Ion Ratio Lower Upper

105 100

71 2.5 3.3 4.9#

51 22.9 17.3 25.9

120 20.8 18.4 27.6

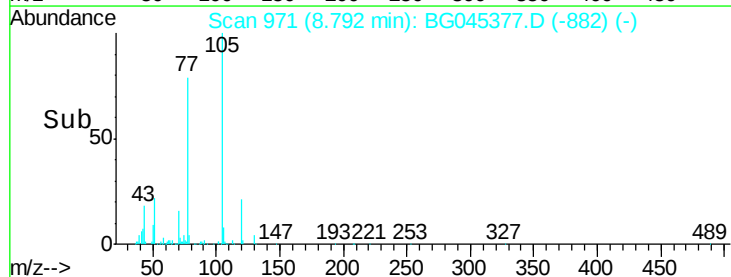


Abundance Ion 105.00 (104.70 to 105.70): E

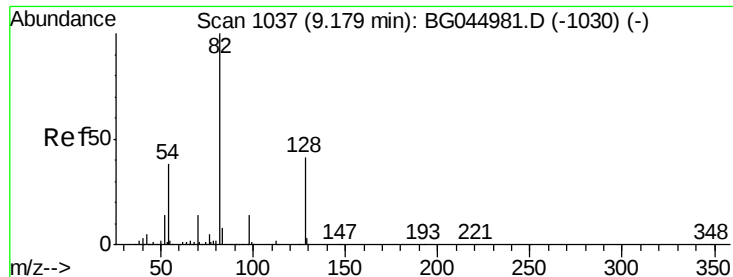
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



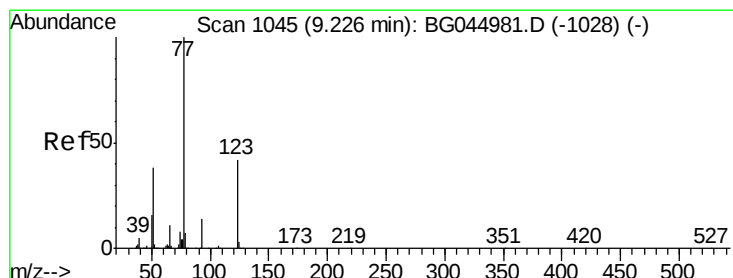
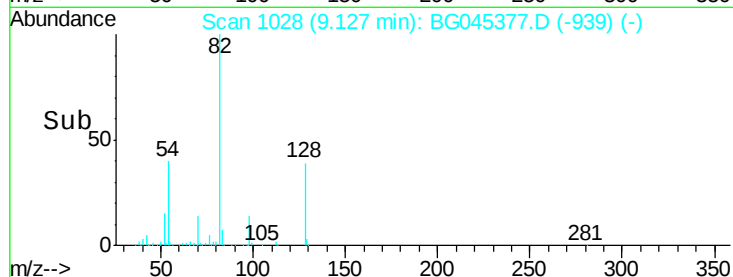
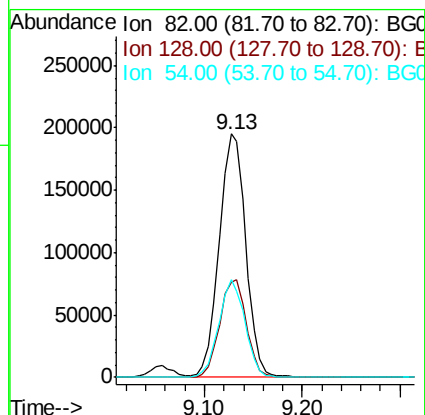
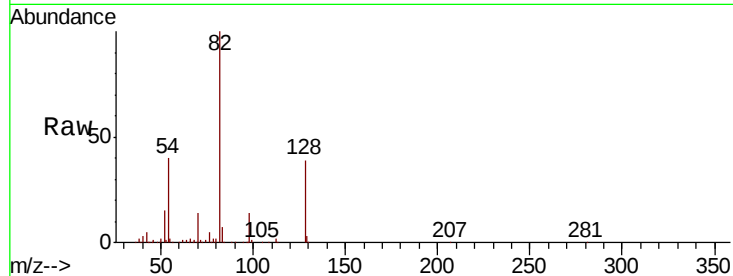
Time-->



#23
Nitrobenzene-d5
Concen: 66.769 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

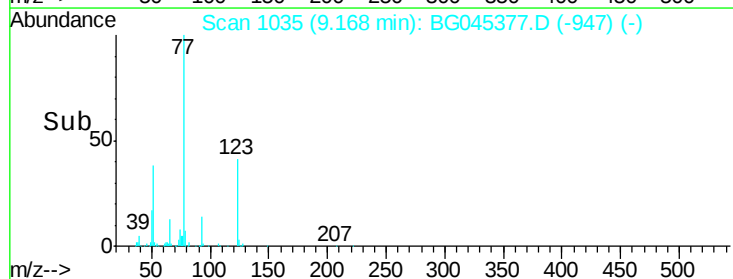
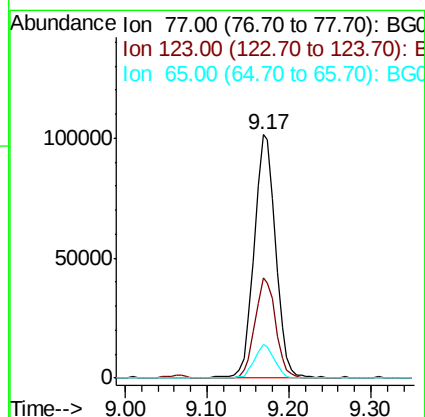
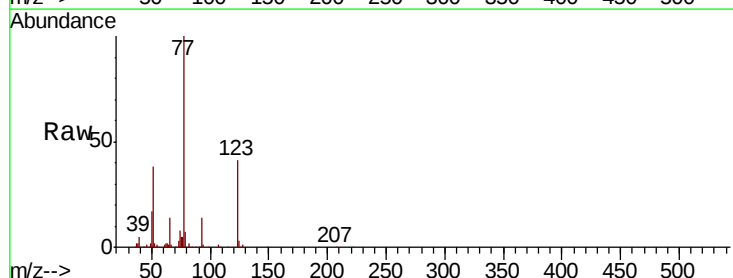
Instrument :
BNA_G
ClientSampleId :
PB128856BS

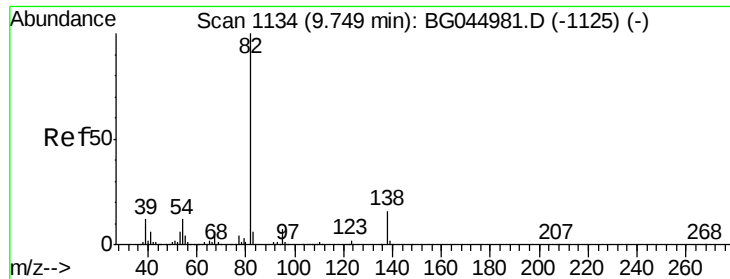
Tot Ion	82	Resp	366401
Ion Ratio	Lower	Upper	
82	100		
128	39.3	33.0	49.4
54	40.2	30.4	45.6



#24
Nitrobenzene
Concen: 33.172 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	77	Resp	186590
Ion Ratio	Lower	Upper	
77	100		
123	41.3	34.3	51.5
65	13.6	8.9	13.3





#25

Isophorone

Concen: 32.321 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampled :

PB128856BS

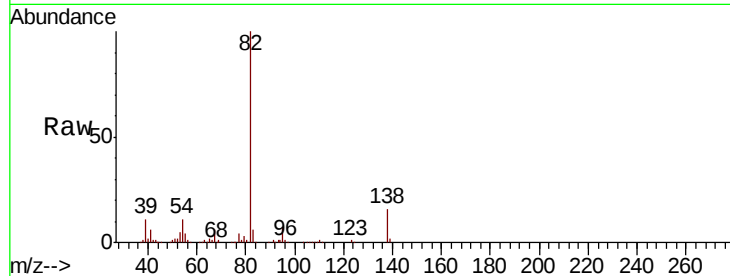
Tot Ion: 82 Resp: 363214

Ion Ratio Lower Upper

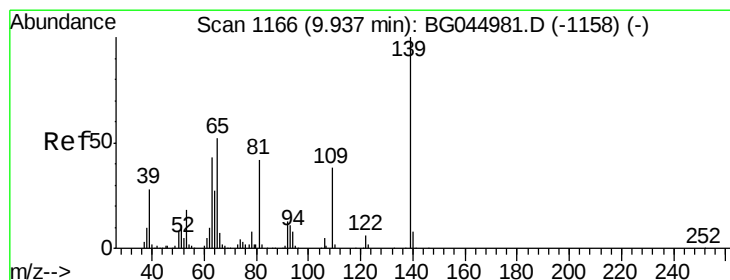
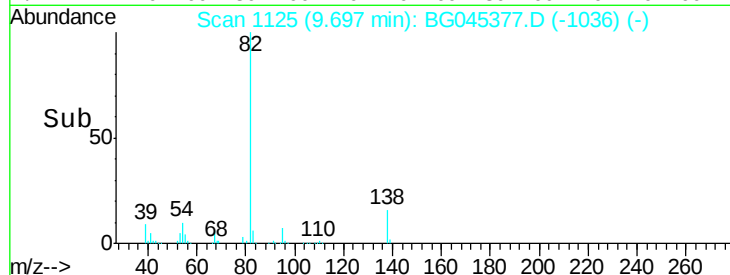
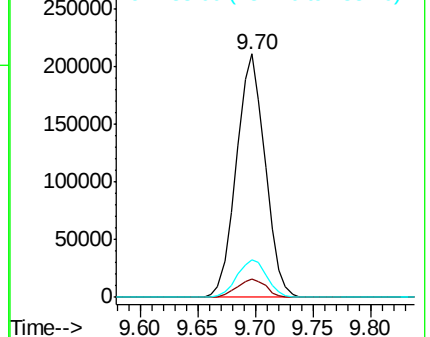
82 100

95 7.5 6.0 9.0

138 15.5 12.7 19.1



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



#26

2-Nitrophenol

Concen: 35.095 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

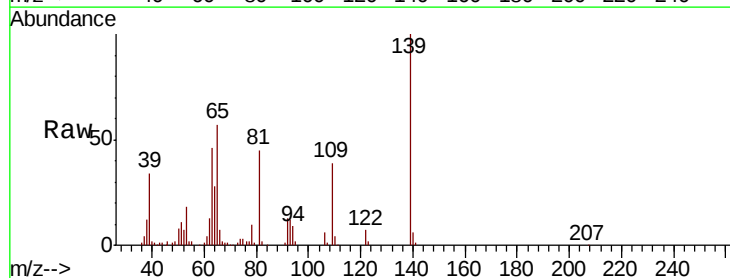
Tgt Ion: 139 Resp: 85032

Ion Ratio Lower Upper

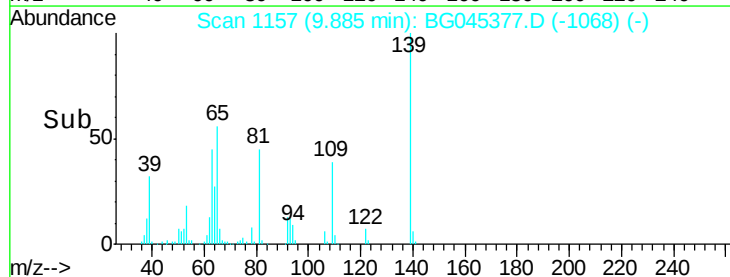
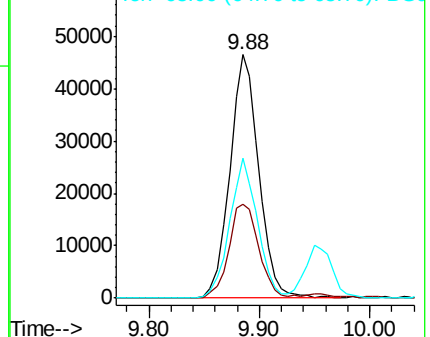
139 100

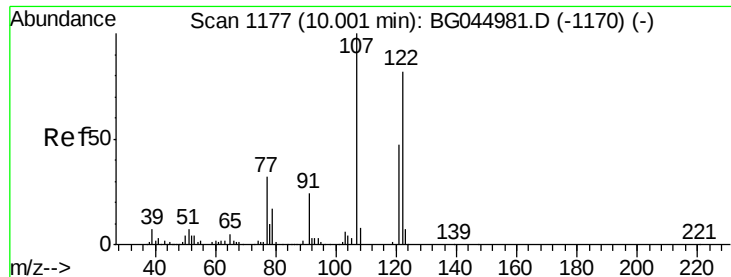
109 38.8 30.6 45.8

65 57.4 41.8 62.6



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

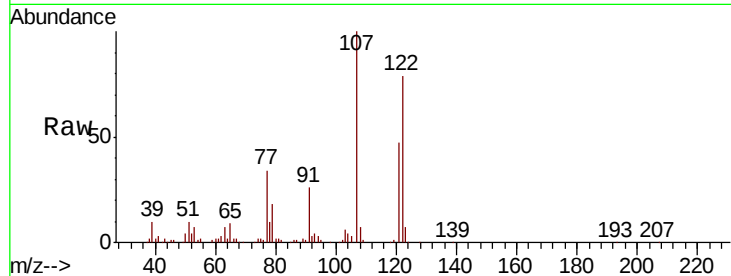




#27
2,4-Dimethylphenol
Concen: 38.731 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	96.8	145.2
121	59.6	45.6	68.4

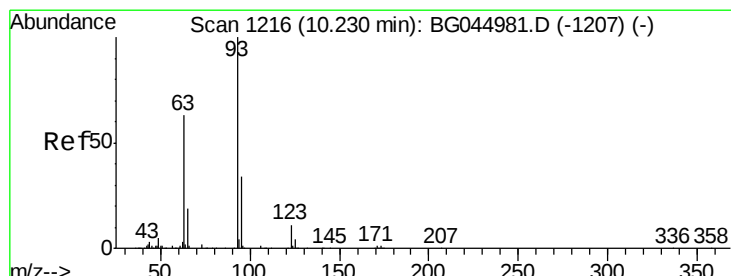
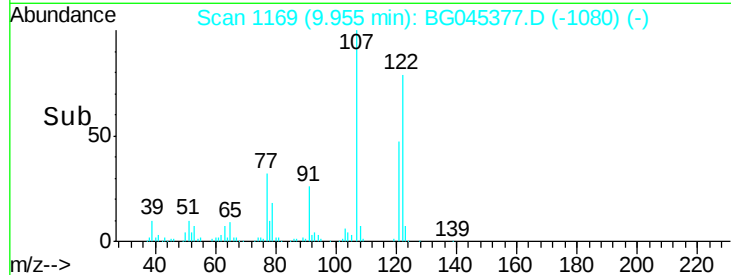
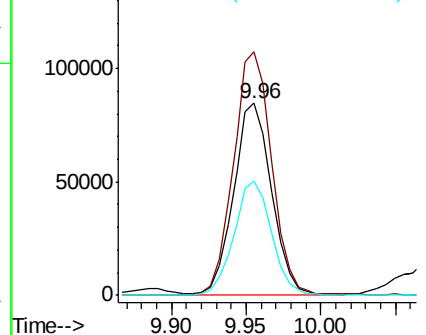


Abundance

Ion 122.00 (121.70 to 122.70): E

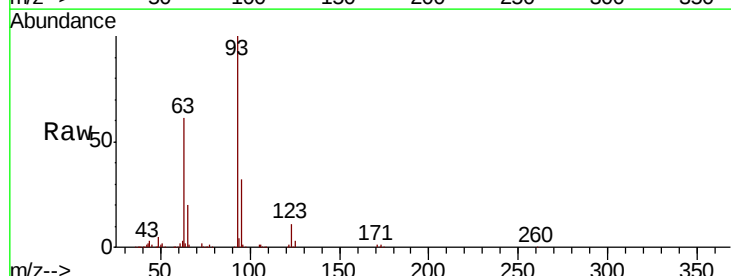
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 33.565 ng
RT: 10.18 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.0	40.4
123	10.6	8.7	13.1

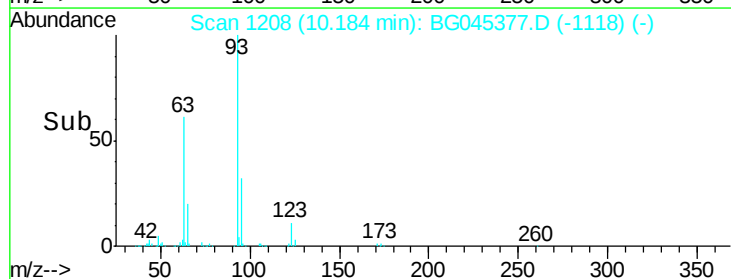
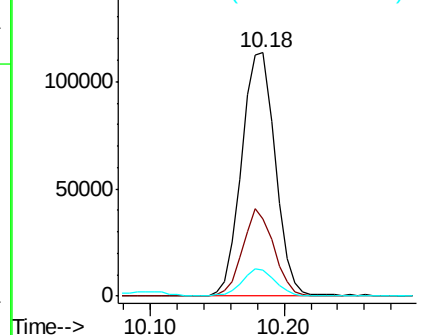


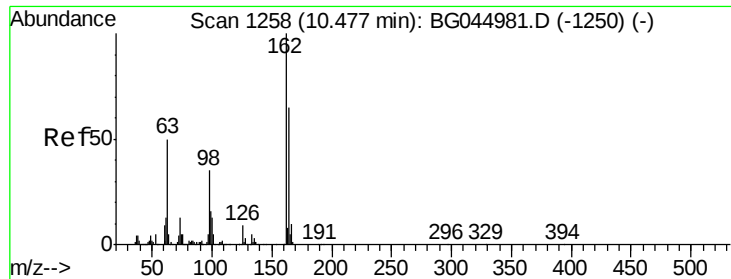
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

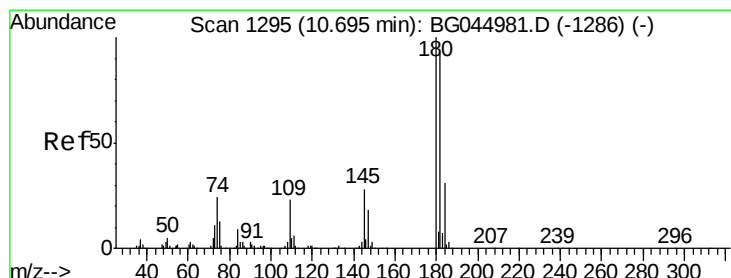
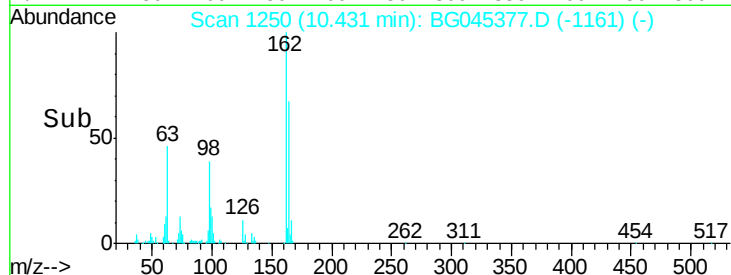
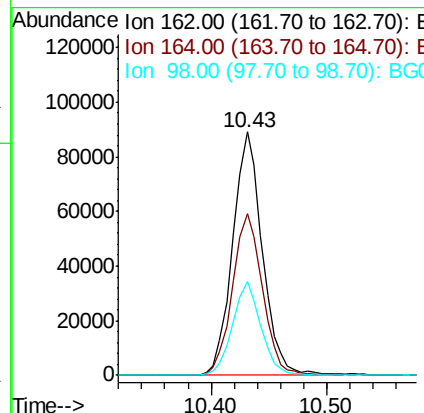
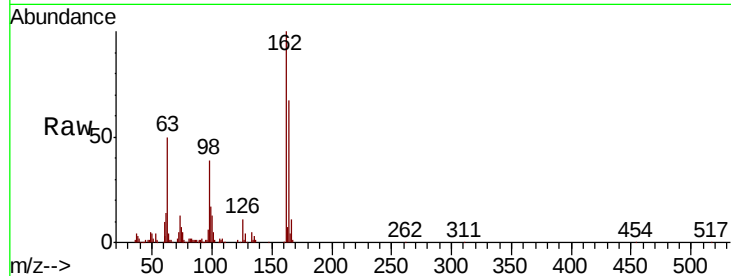




#29
 2,4-Dichlorophenol
 Concen: 35.792 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

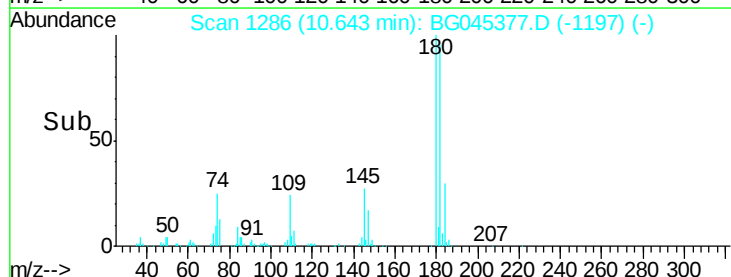
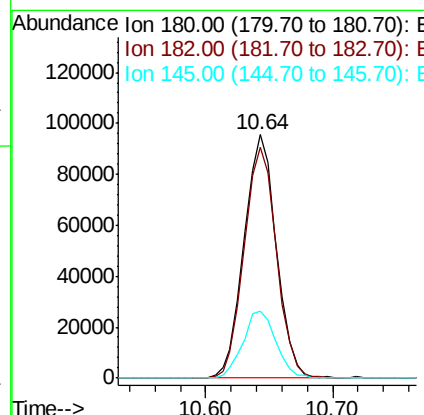
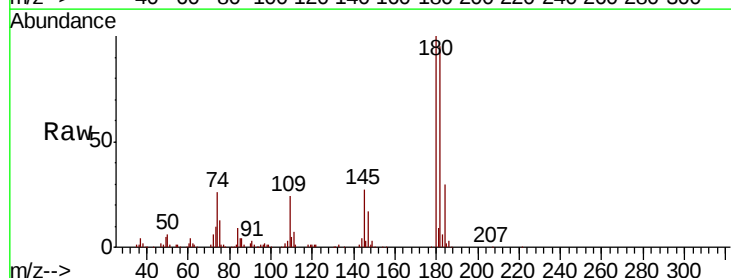
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

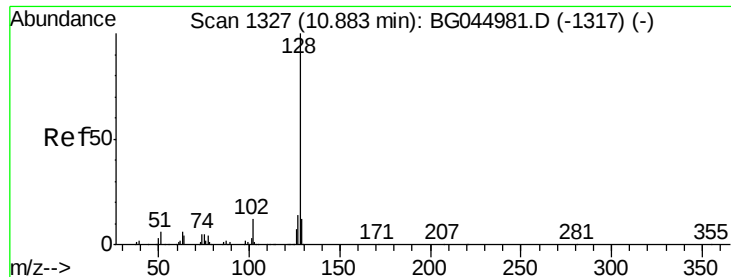
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.0	85.0
98	38.7	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 33.585 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	73.3	109.9
145	27.3	22.6	33.8

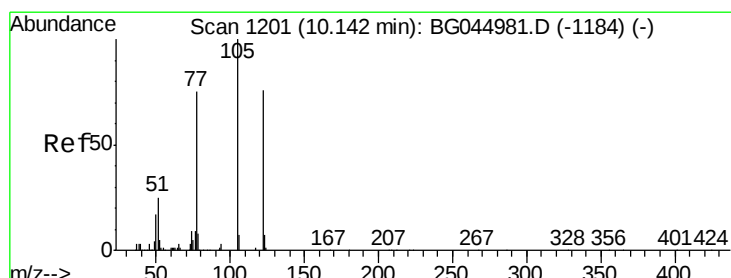
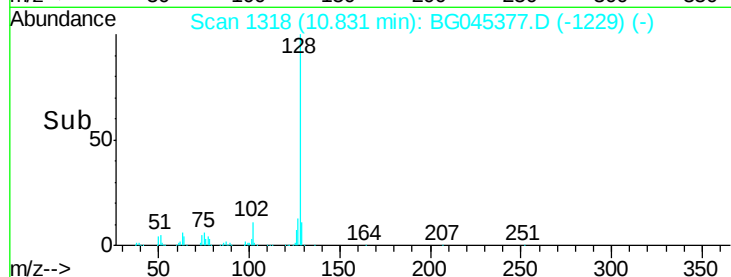
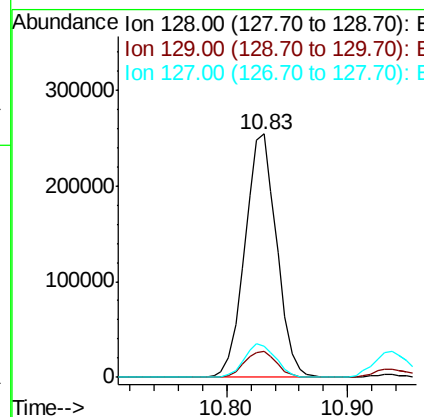
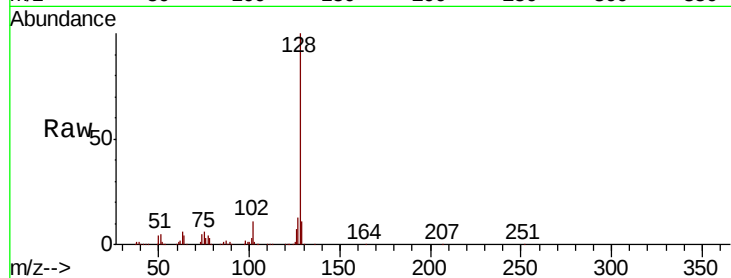




#31
Naphthalene
Concen: 33.887 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

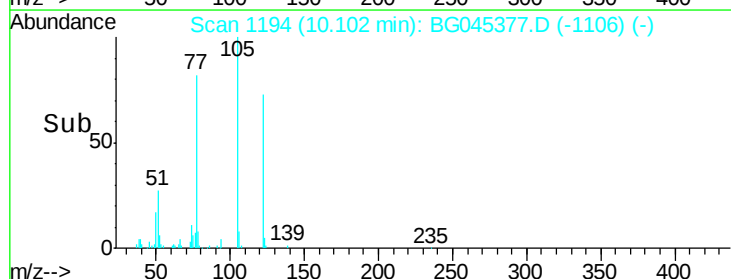
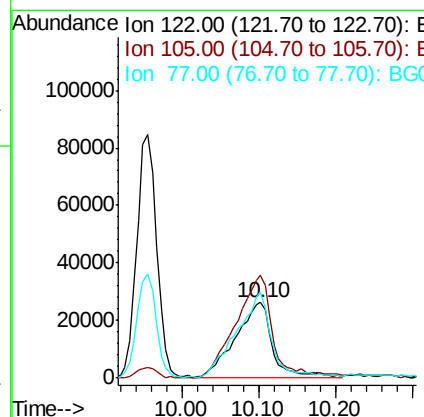
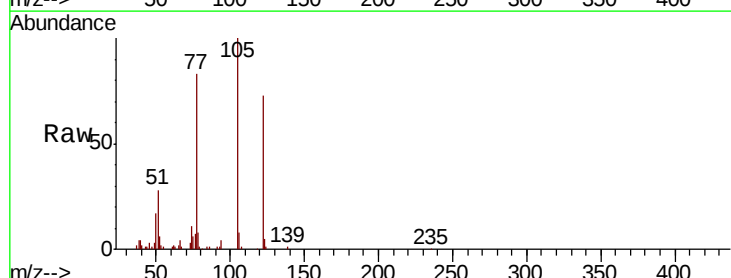
Instrument :
BNA_G
ClientSampleId :
PB128856BS

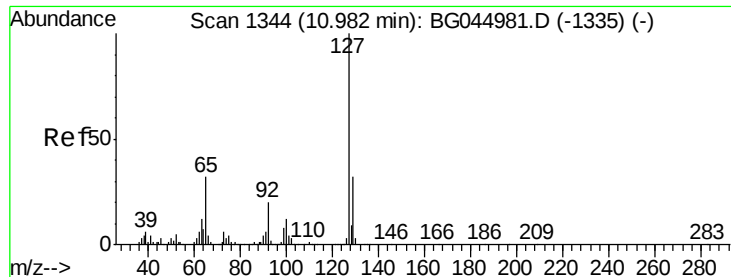
Tot Ion:128 Resp: 464172
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 12.7 10.8 16.2



#32
Benzoic acid
Concen: 30.219 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:122 Resp: 85395
Ion Ratio Lower Upper
122 100
105 136.2 108.4 148.4
77 113.0 78.8 118.8

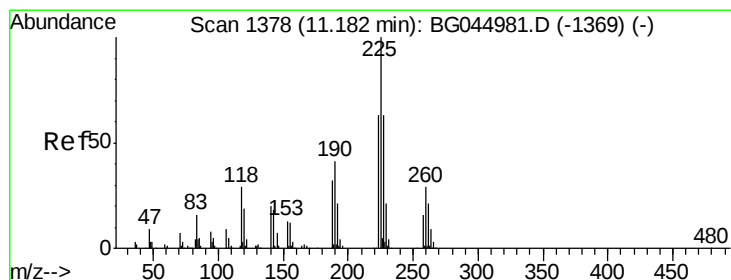
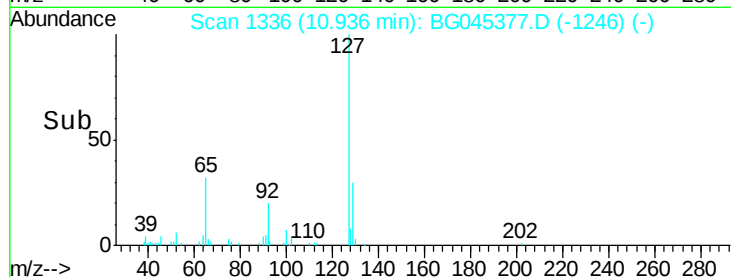
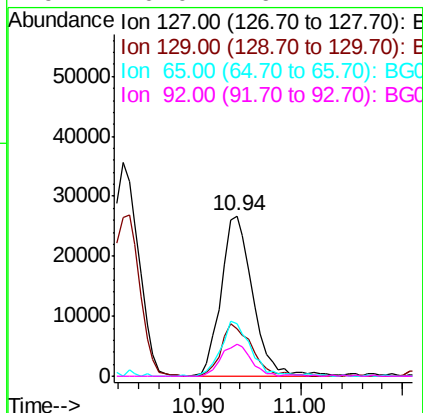
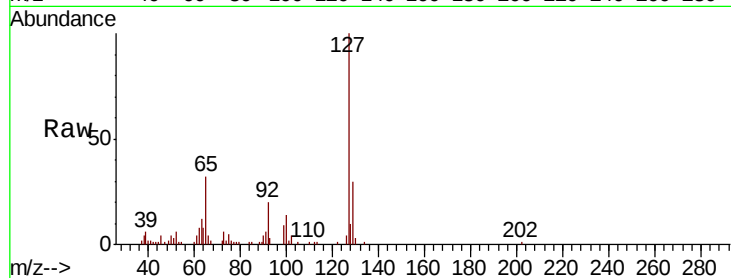




#33
4-Chloroaniline
Concen: 9.076 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

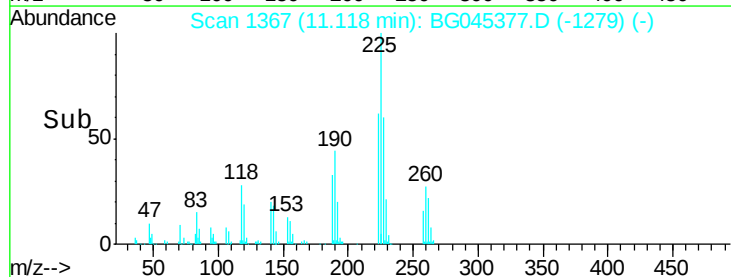
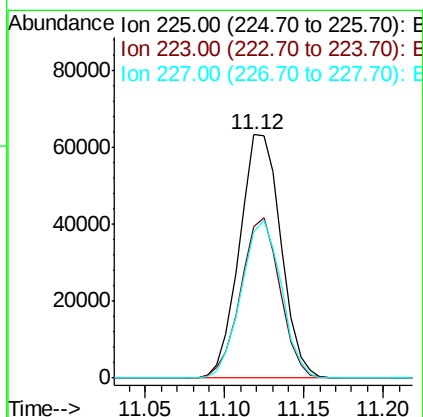
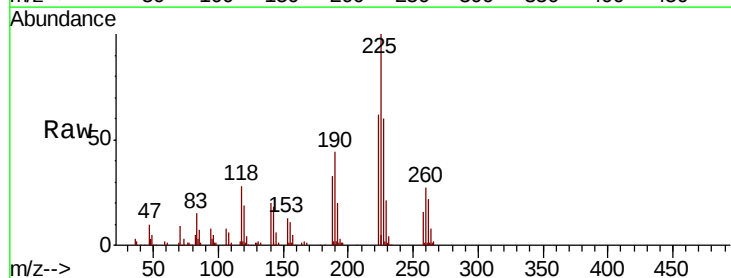
Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion:127	Resp:	57979	
Ion Ratio	Lower	Upper	
127 100			
129 29.6	25.7	38.5	
65 32.4	25.4	38.2	
92 20.0	16.1	24.1	



#34
Hexachlorobutadiene
Concen: 33.349 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	225	Resp: Lower	114919 Upper
	Ratio		
225	100		
223	62.2	50.7	76.1
227	59.9	50.2	75.2





#35

Caprolactam

Concen: 15.381 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

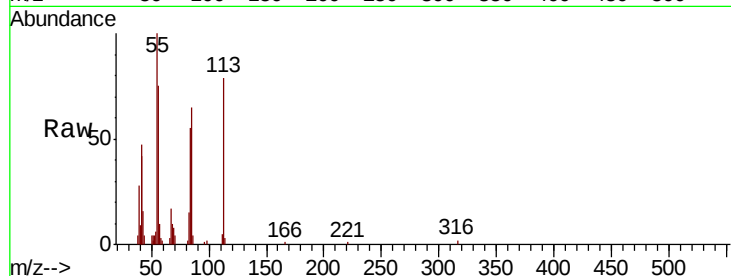
Tot Ion:113 Resp: 27174

Ion Ratio Lower Upper

113 100

55 126.6 118.8 158.8

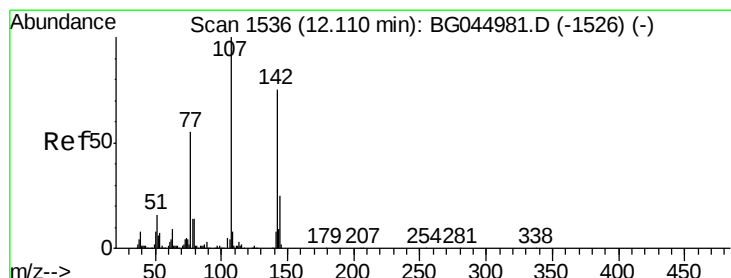
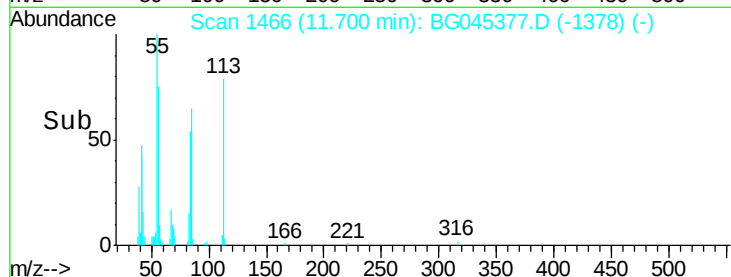
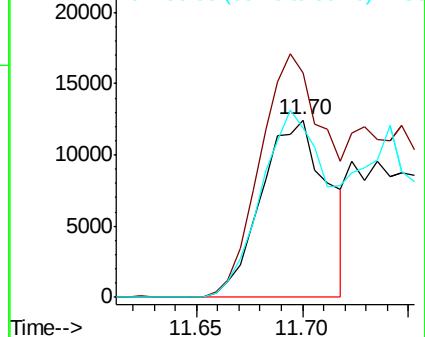
56 95.5 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.819 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

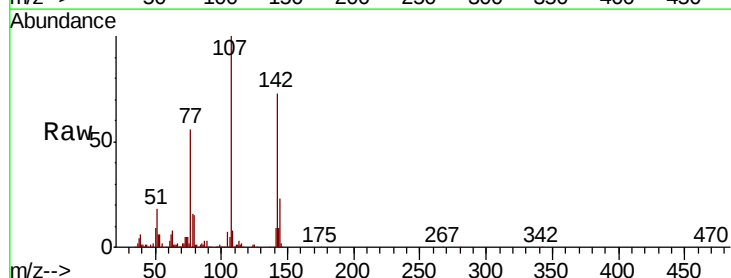
Tgt Ion:107 Resp: 186793

Ion Ratio Lower Upper

107 100

144 22.7 19.8 29.6

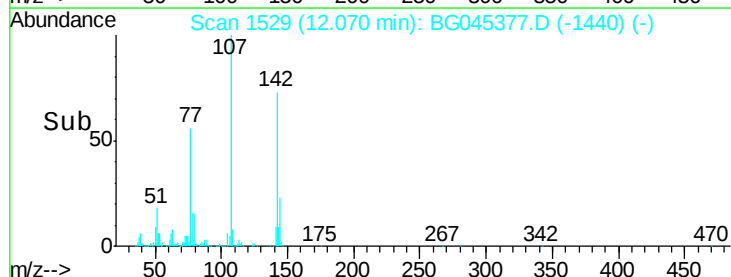
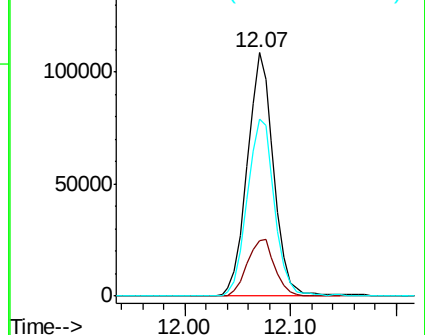
142 72.6 59.7 89.5

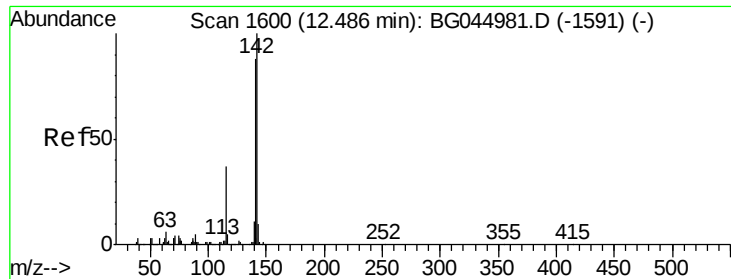


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.651 ng

RT: 12.44 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

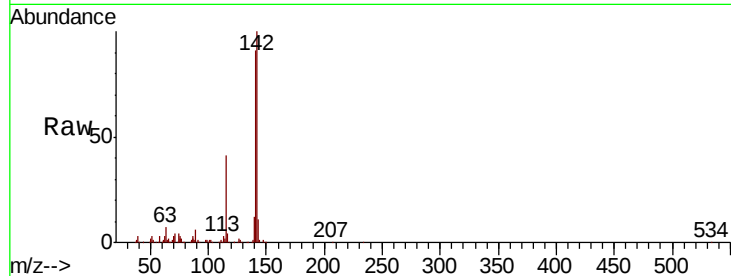
Tot Ion:142 Resp: 357770

Ion Ratio Lower Upper

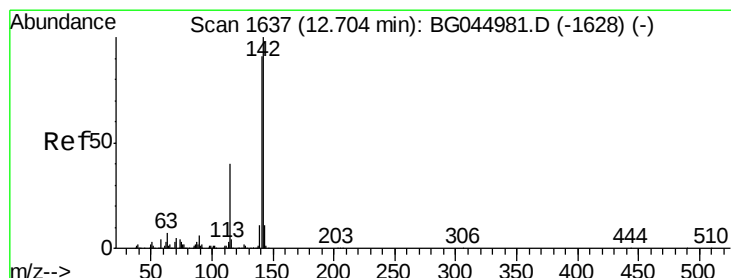
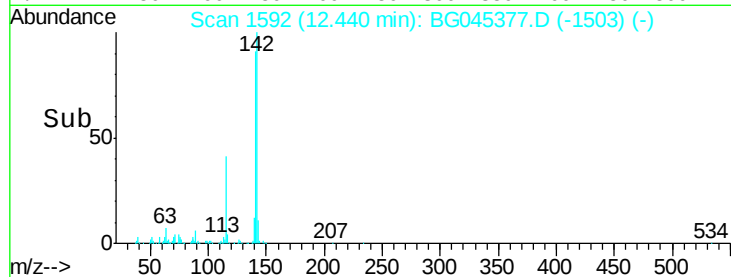
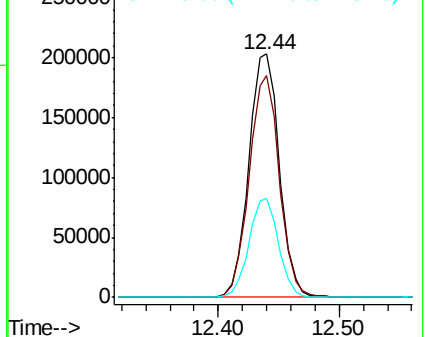
142 100

141 91.3 70.3 105.5

115 40.6 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.095 ng

RT: 12.66 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

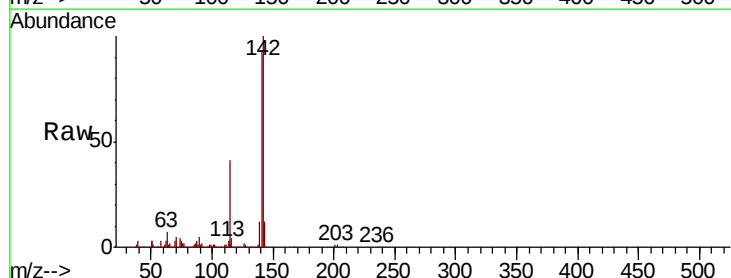
Tgt Ion:142 Resp: 342211

Ion Ratio Lower Upper

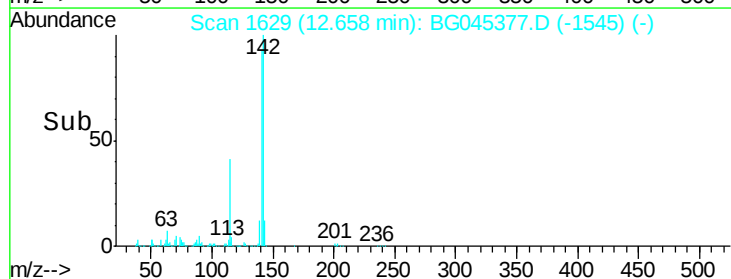
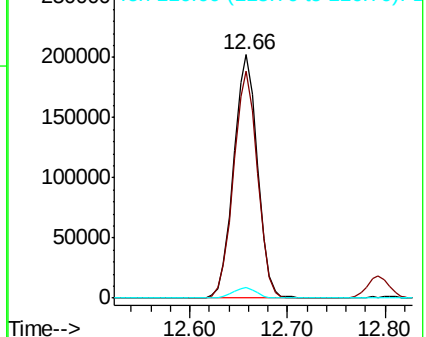
142 100

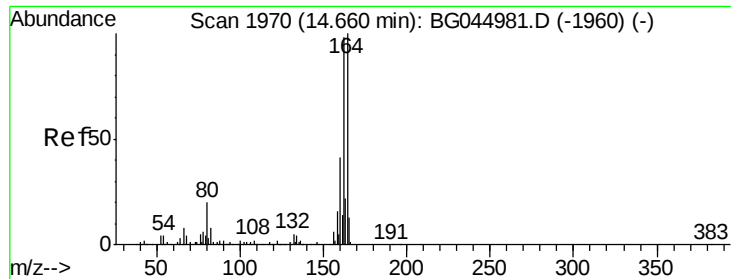
141 93.0 72.7 109.1

116 4.4 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

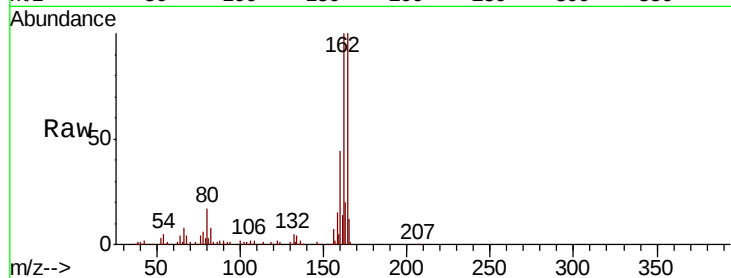
Tot Ion:164 Resp: 188092

Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

160 44.4 32.8 49.2

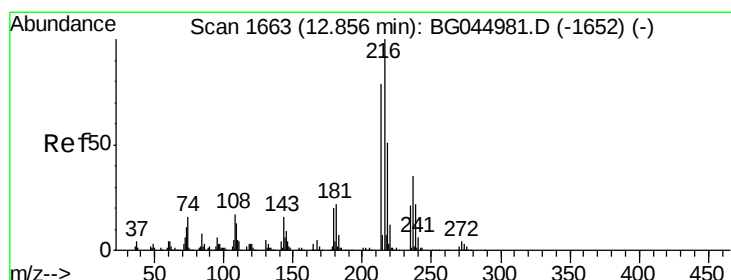
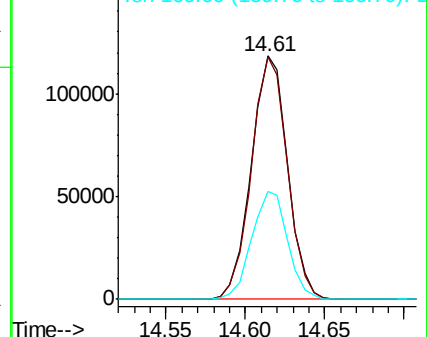
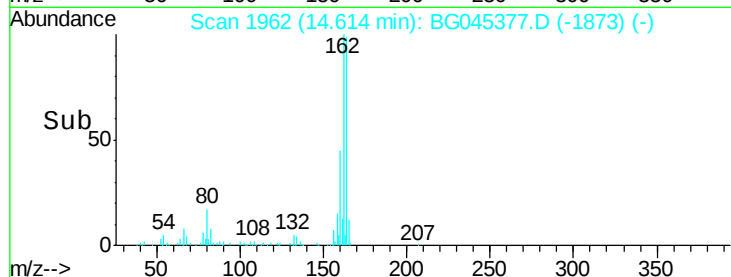


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.001 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Tgt Ion:216 Resp: 199855

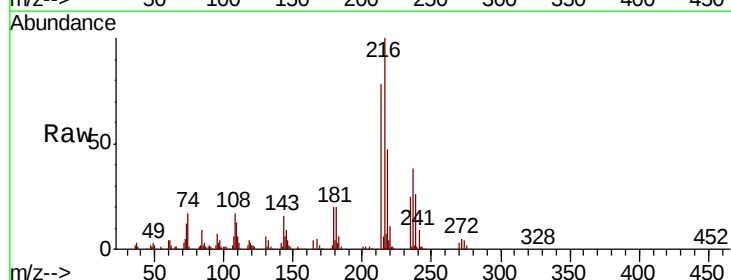
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.6

179 19.8 15.8 23.8

108 18.7 14.2 21.2



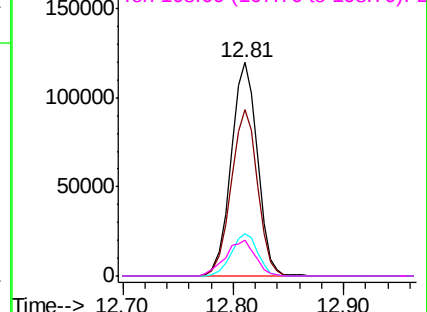
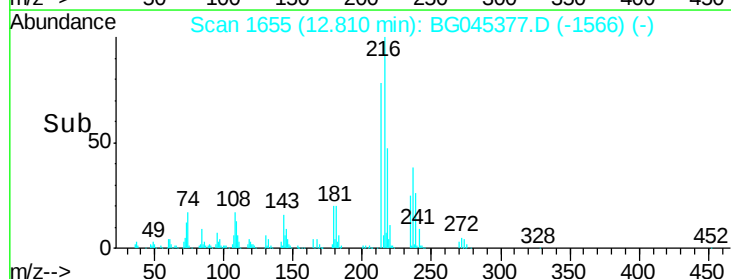
Abundance

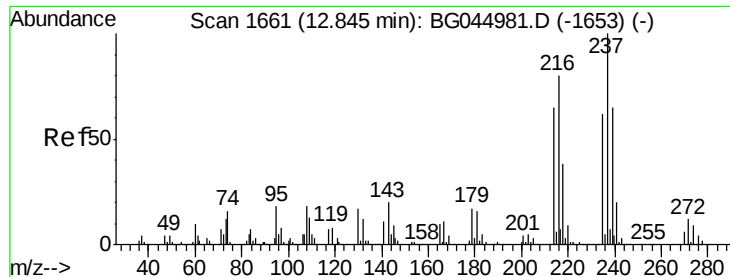
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.979 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

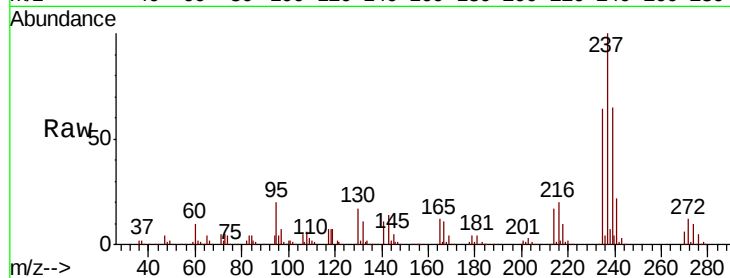
Tot Ion:237 Resp: 268664

Ion Ratio Lower Upper

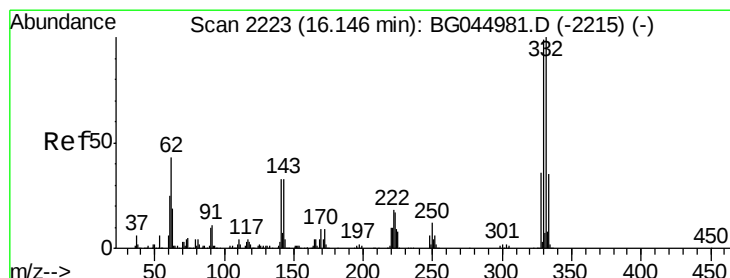
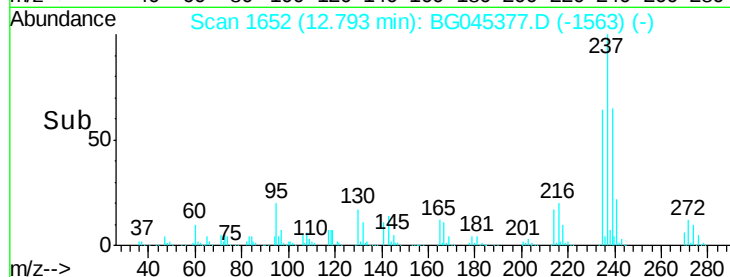
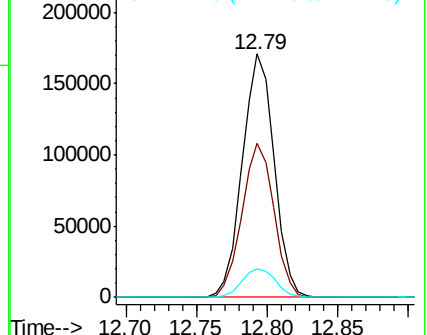
237 100

235 63.5 41.6 81.6

272 11.7 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 99.246 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

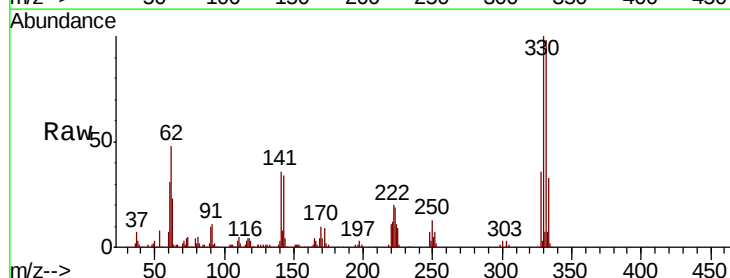
Tgt Ion:330 Resp: 288386

Ion Ratio Lower Upper

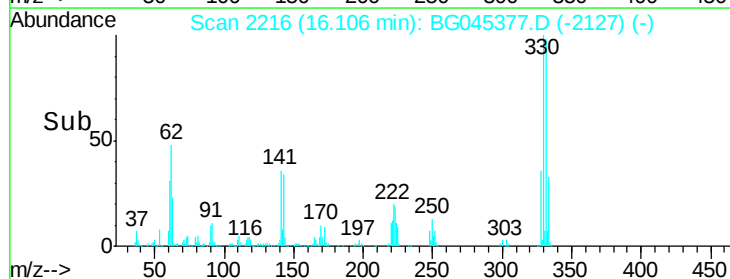
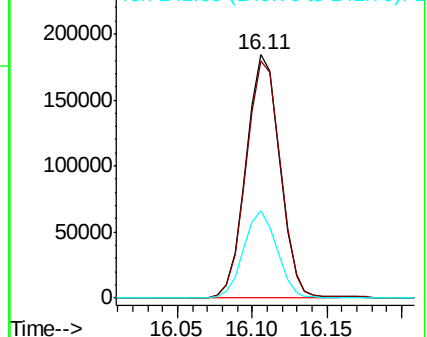
330 100

332 99.6 79.1 118.7

141 35.6 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

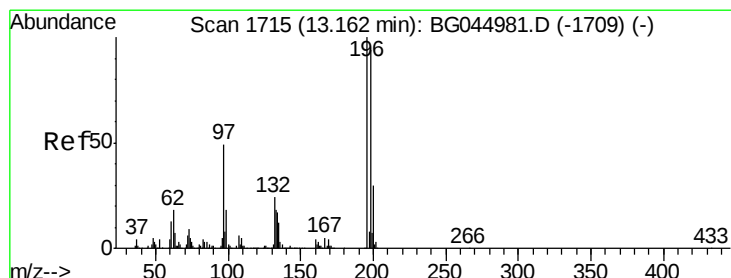
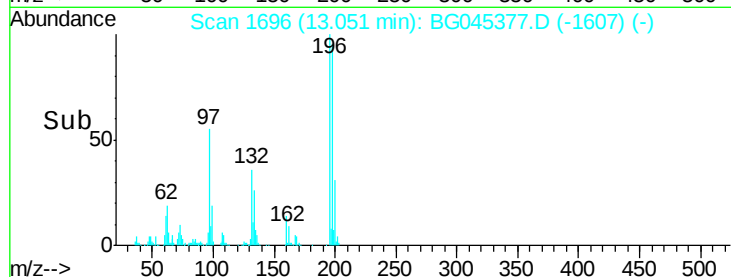
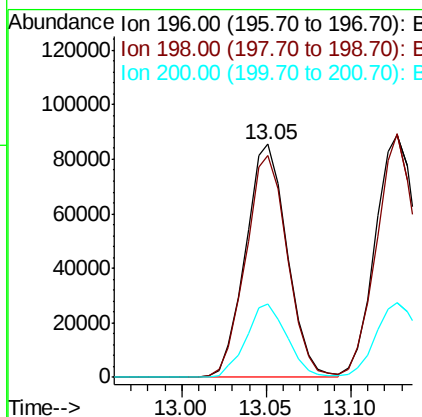
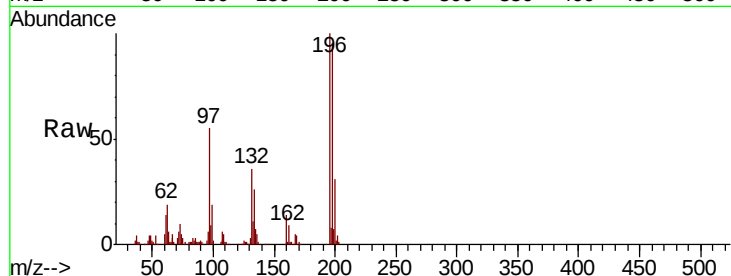




#43
 2,4,6-Trichlorophenol
 Concen: 34.232 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

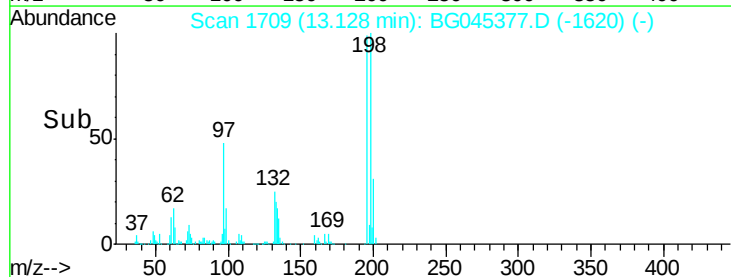
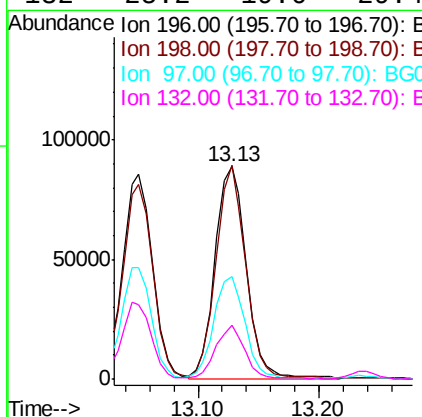
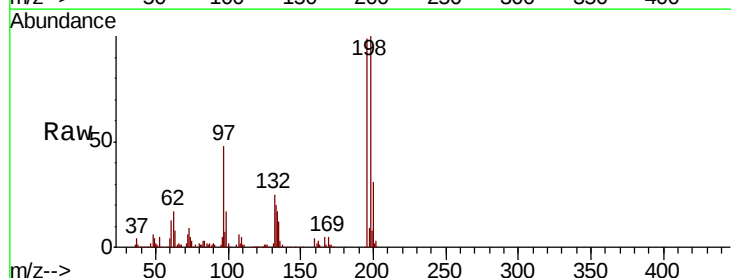
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

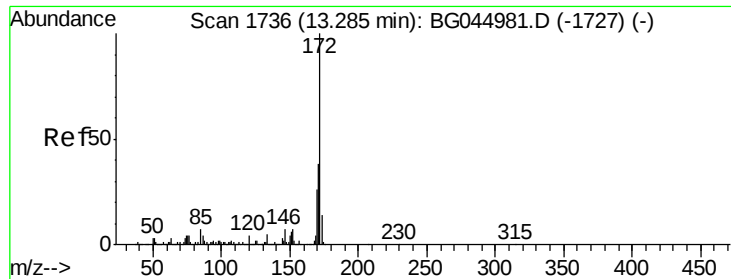
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	72.5	108.7
200	31.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 32.800 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	75.7	113.5
97	48.4	39.6	59.4
132	25.2	19.6	29.4

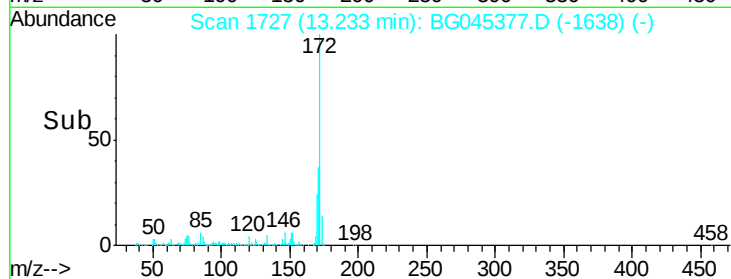
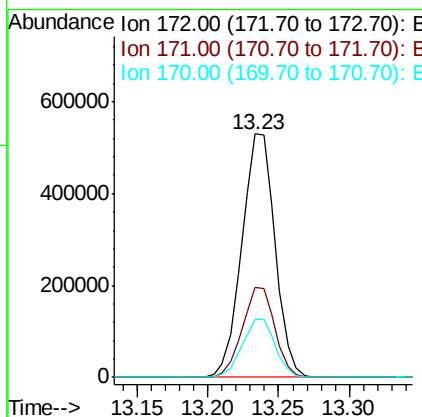
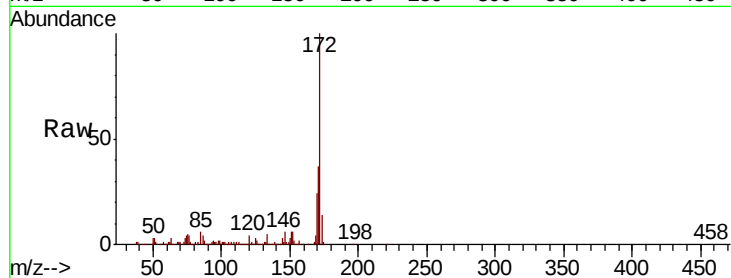




#45
2-Fluorobiphenyl
Concen: 68.038 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

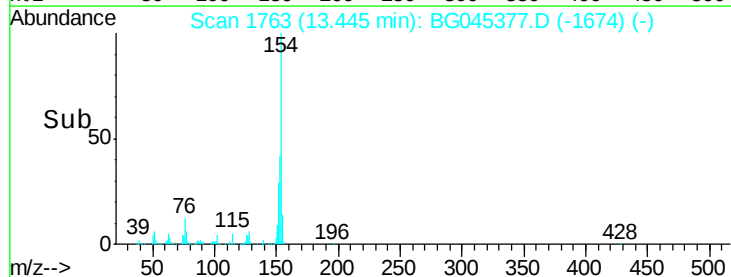
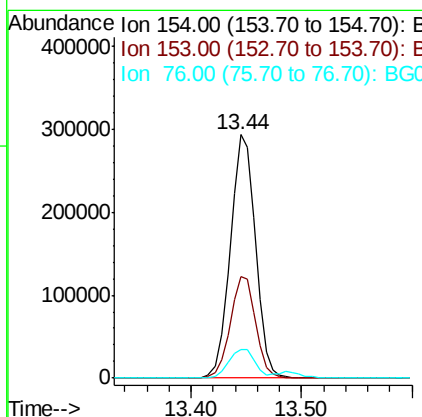
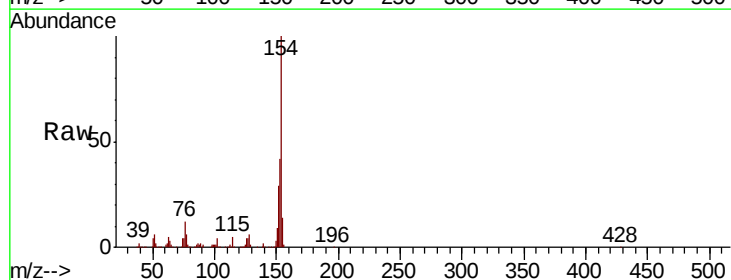
Instrument :
BNA_G
ClientSampleId :
PB128856BS

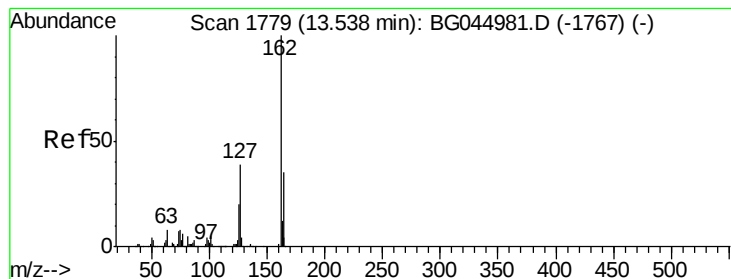
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	23.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 32.884 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	11.8	0.0	33.1





#47

2-Chloronaphthalene

Concen: 32.401 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

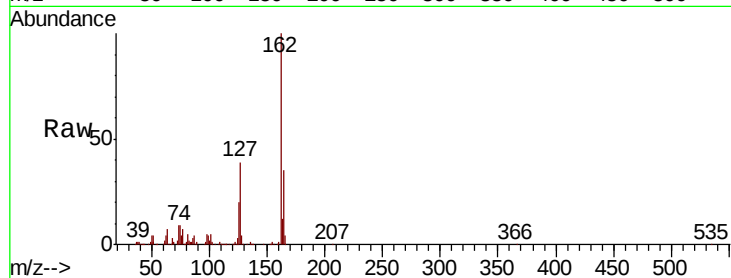
Tot Ion:162 Resp: 353948

Ion Ratio Lower Upper

162 100

127 39.4 31.3 46.9

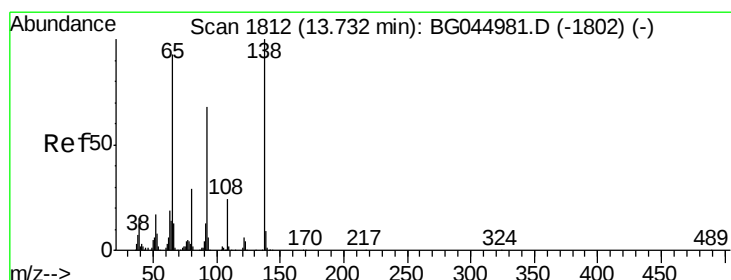
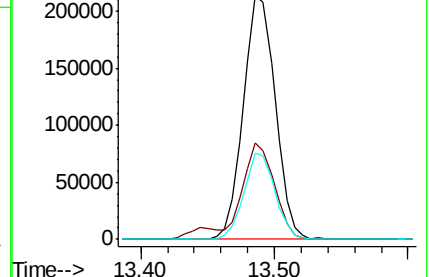
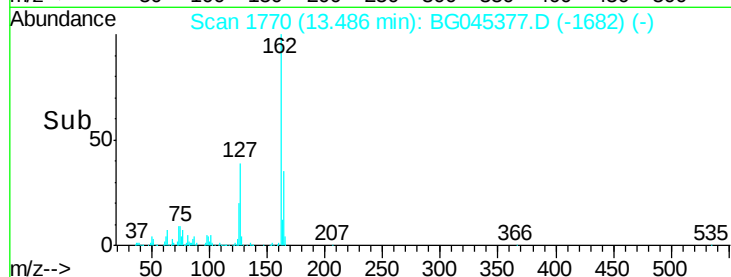
164 35.2 27.8 41.8



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: 32.975 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

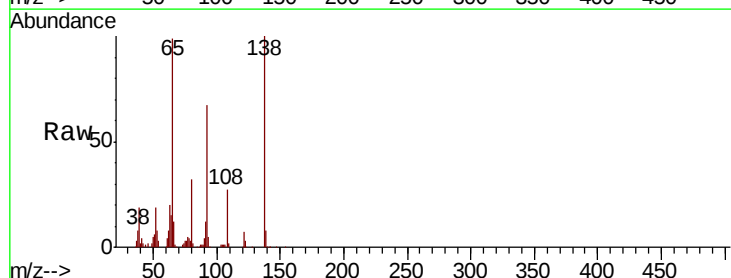
Tgt Ion: 65 Resp: 118516

Ion Ratio Lower Upper

65 100

92 67.3 58.3 87.5

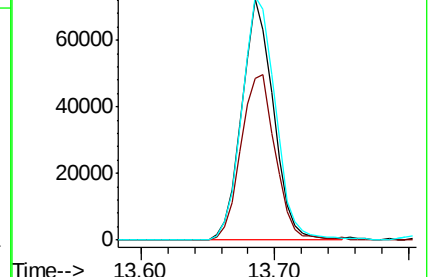
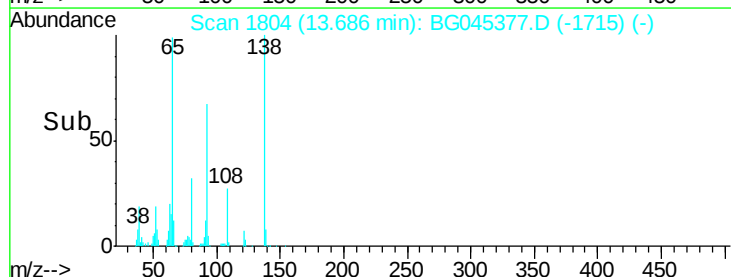
138 101.2 85.6 128.4



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: 34.008 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

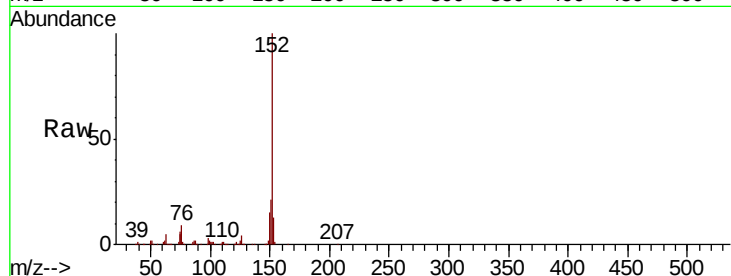
Tot Ion:152 Resp: 605109

Ion Ratio Lower Upper

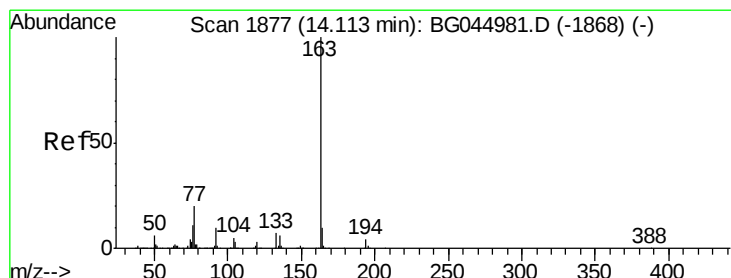
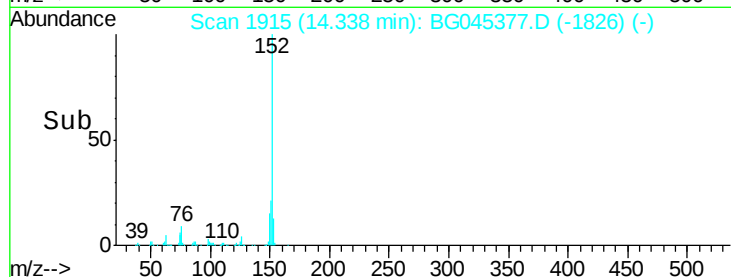
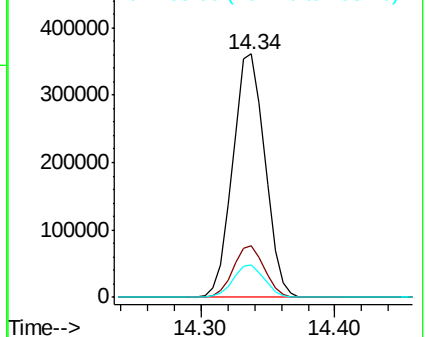
152 100

151 21.1 17.2 25.8

153 13.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.278 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

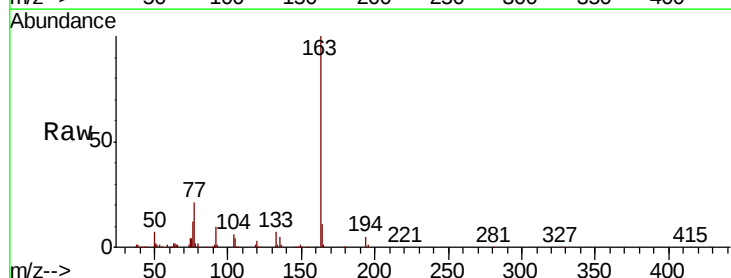
Tgt Ion:163 Resp: 509667

Ion Ratio Lower Upper

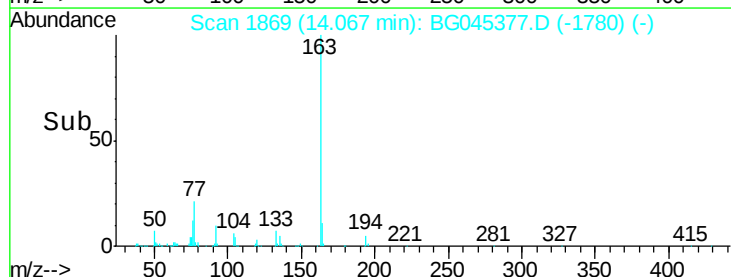
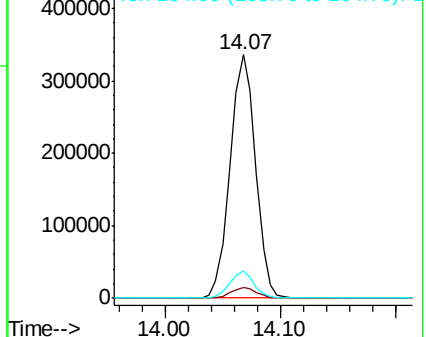
163 100

194 4.6 3.5 5.3

164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

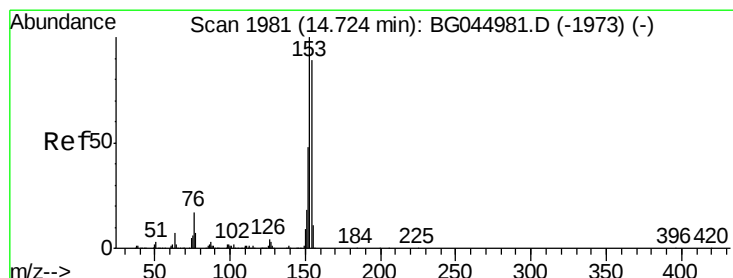
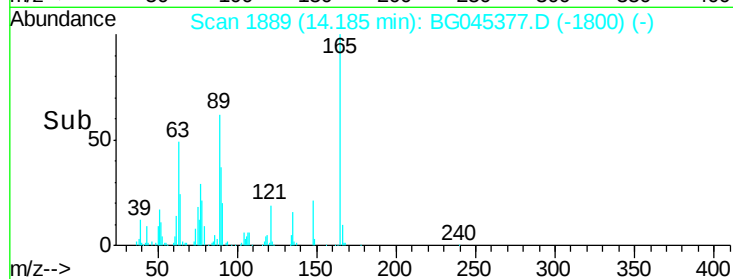
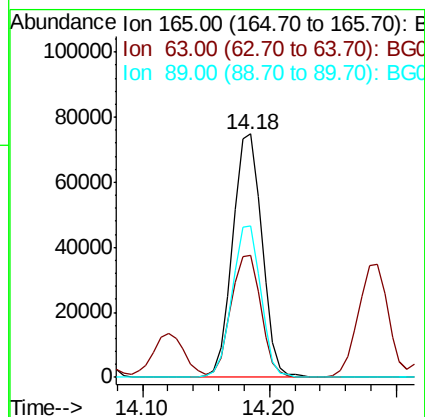
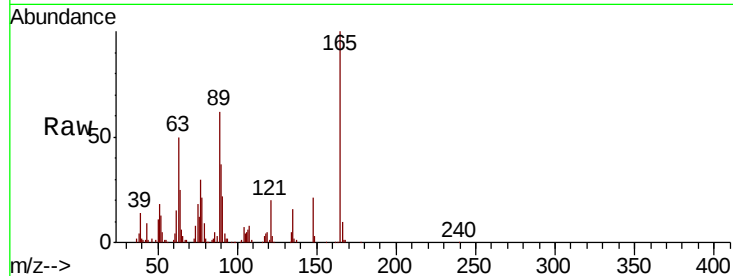




#51
2,6-Dinitrotoluene
Concen: 34.734 ng
RT: 14.18 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

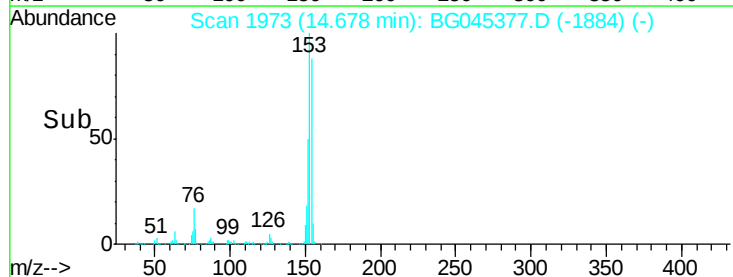
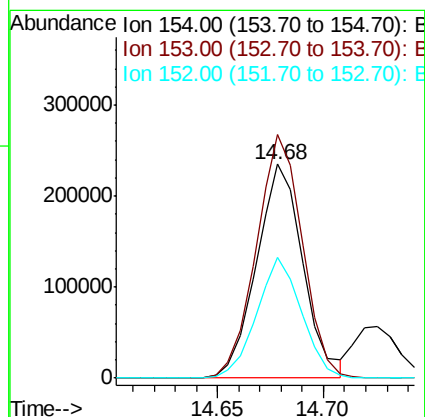
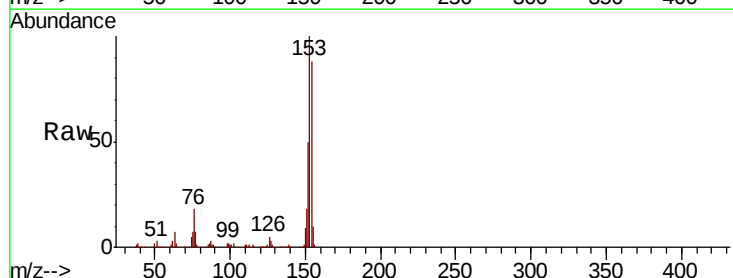
Instrument :
BNA_G
ClientSampleId :
PB128856BS

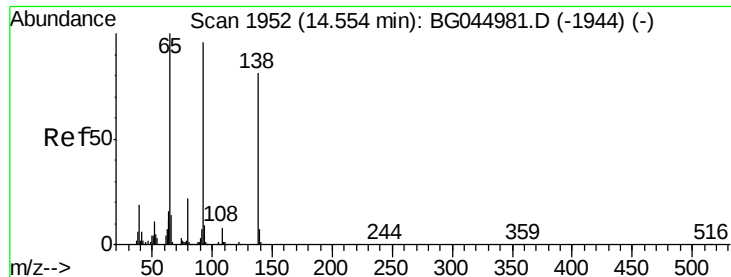
Tot Ion:165 Resp: 118983
Ion Ratio Lower Upper
165 100
63 50.3 40.4 60.6
89 62.0 49.1 73.7



#52
Acenaphthene
Concen: 29.867 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:154 Resp: 359567
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 56.5 43.1 64.7

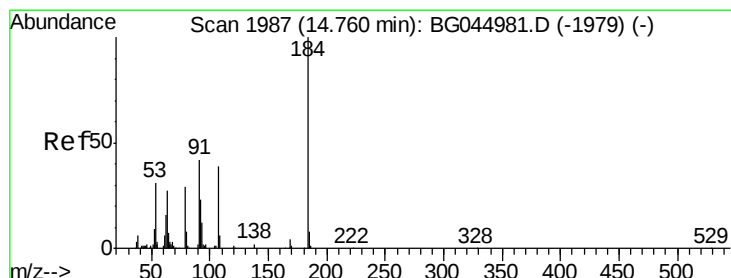
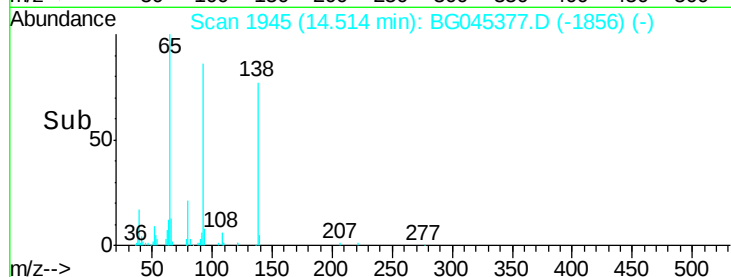
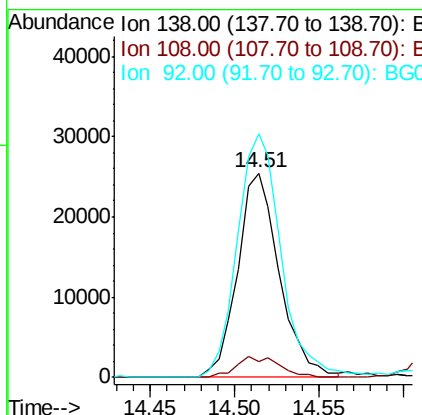
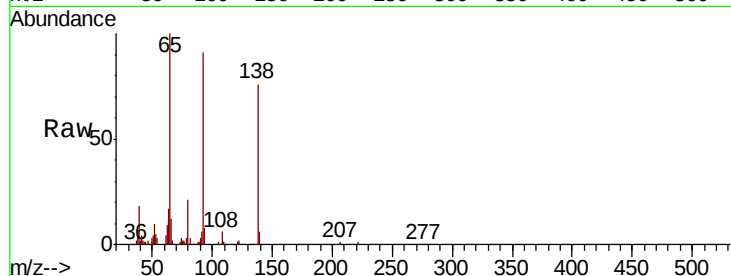




#53
3-Nitroaniline
Concen: 11.655 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

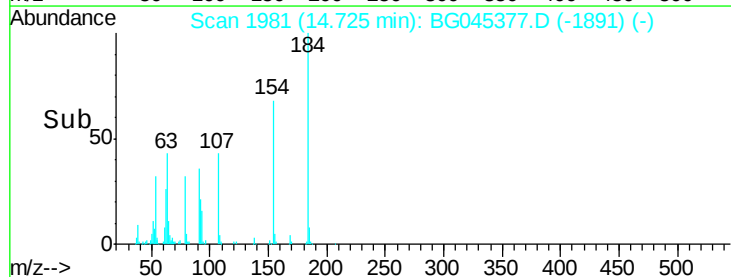
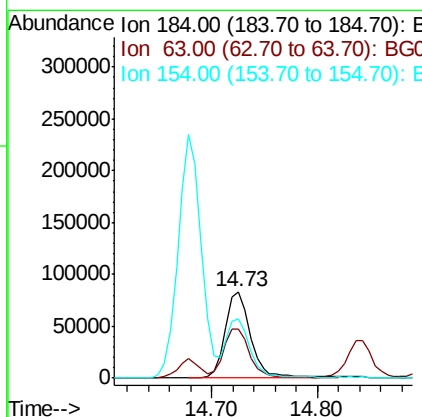
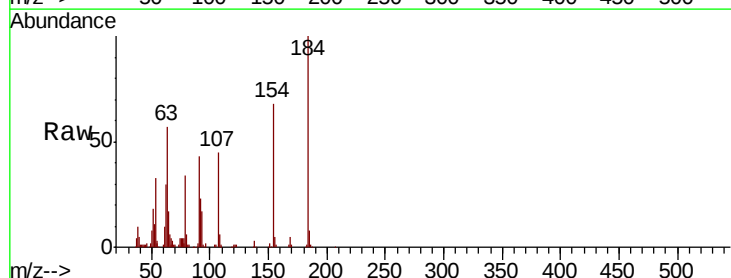
Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion:138 Resp: 43788
Ion Ratio Lower Upper
138 100
108 7.9 7.8 11.8
92 119.1 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 68.682 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:184 Resp: 139902
Ion Ratio Lower Upper
184 100
63 57.1 41.5 62.3
154 68.4 52.3 78.5





#55

Dibenzenofuran

Concen: 33.346 ng

RT: 15.01 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

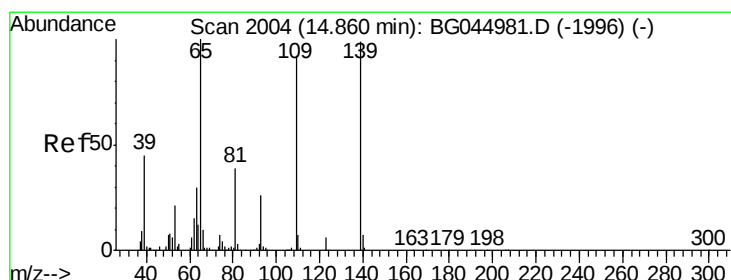
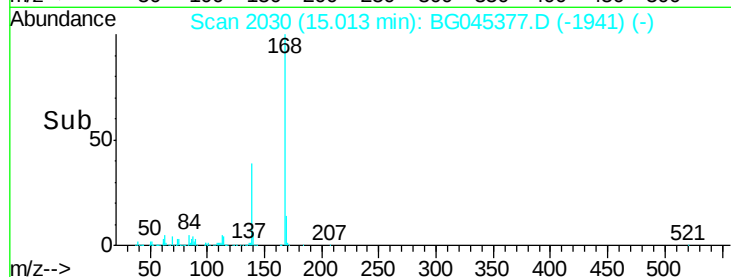
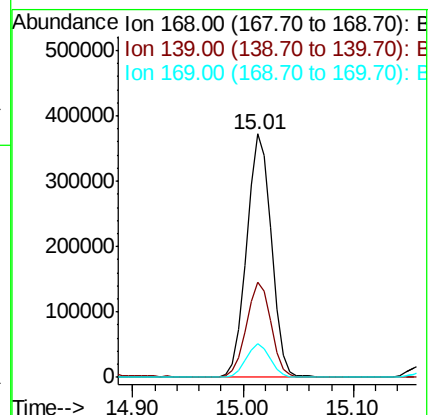
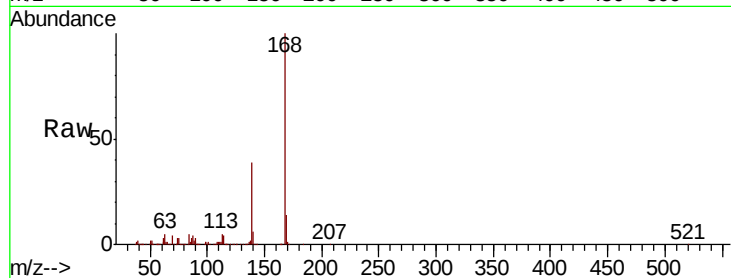
Tot Ion:168 Resp: 585275

Ion Ratio Lower Upper

168 100

139 38.9 30.4 45.6

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 66.717 ng

RT: 14.84 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

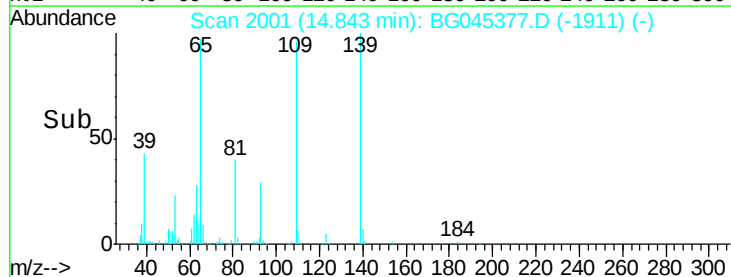
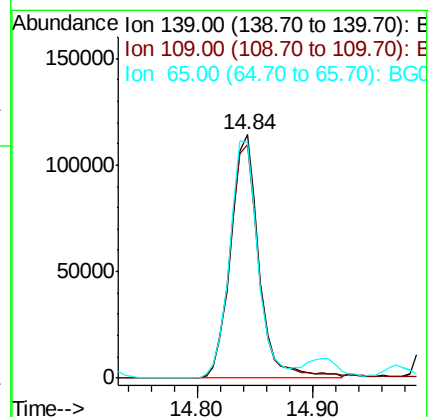
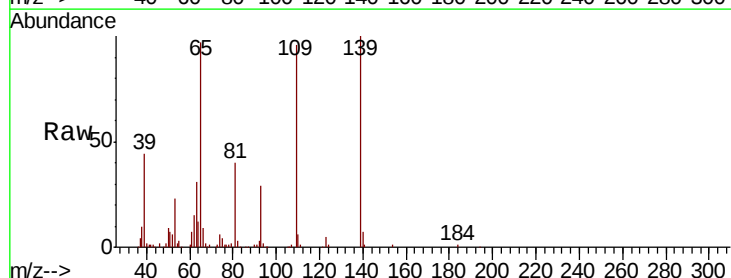
Tgt Ion:139 Resp: 194352

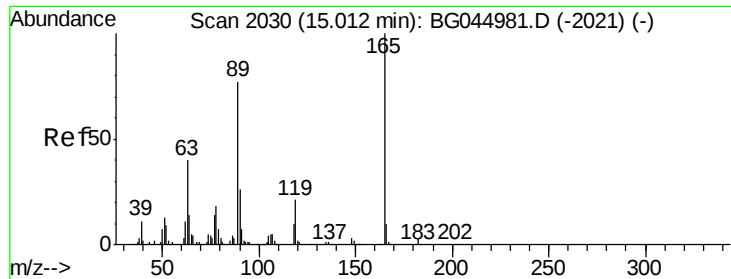
Ion Ratio Lower Upper

139 100

109 95.8 73.6 113.6

65 97.0 81.2 121.2

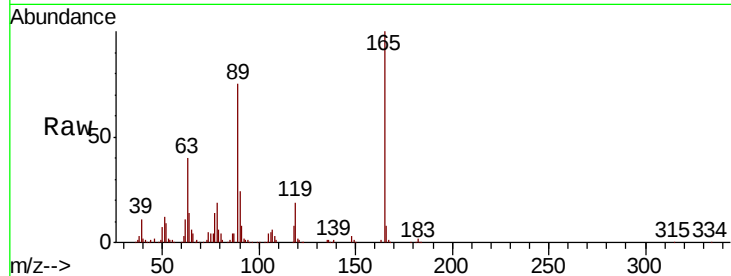




#57
 2,4-Dinitrotoluene
 Concen: 33.752 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

Tot Ion:	165	Resp:	168967
Ion	Ratio	Lower	Upper
165	100		
63	39.8	32.2	48.2
89	74.6	61.7	92.5
182	2.5	2.0	3.0

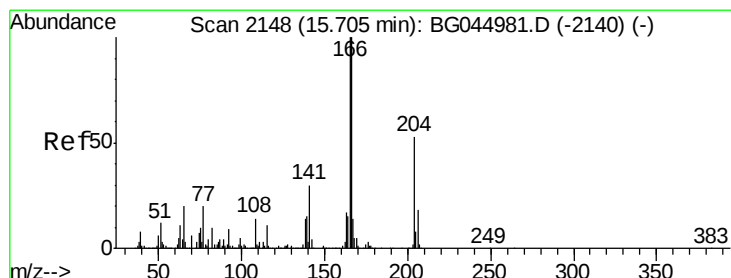
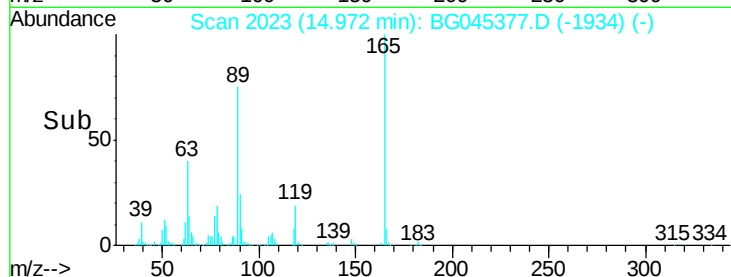
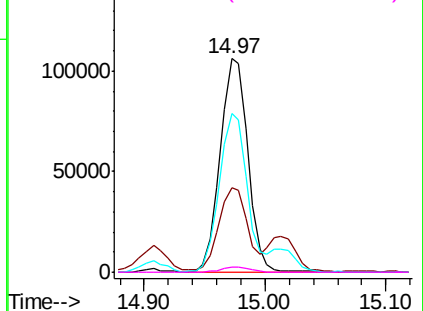


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

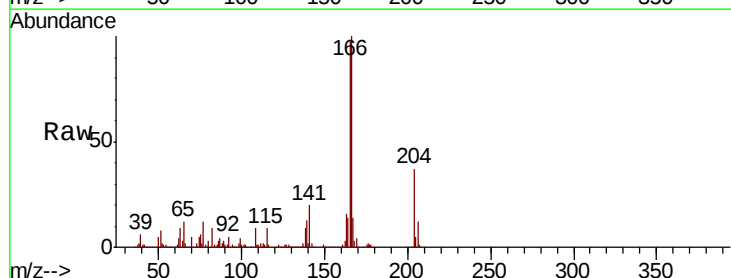
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 33.957 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

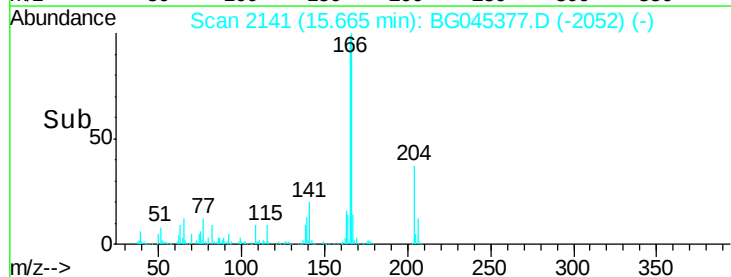
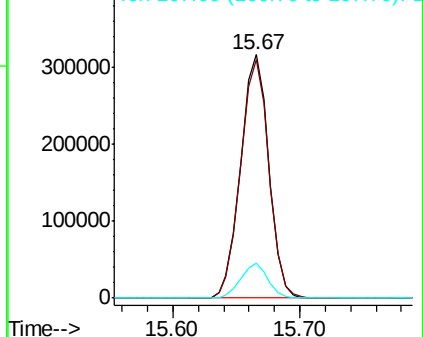
Tgt Ion:	166	Resp:	486828
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	14.4	11.4	17.0

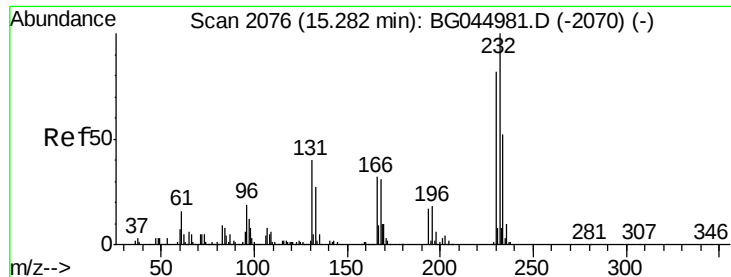


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

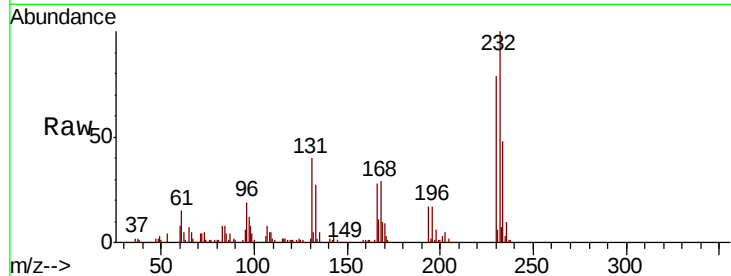




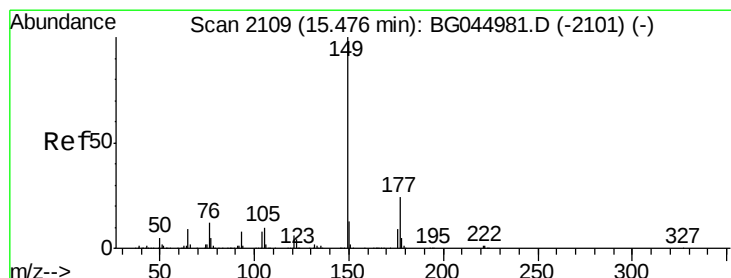
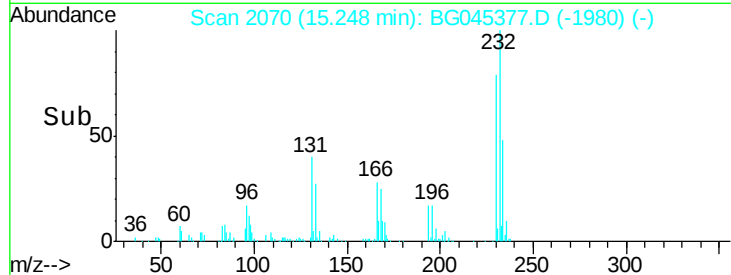
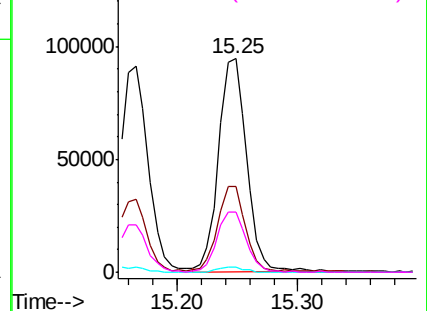
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.969 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

Tot Ion:232	Resp:	151375
Ion Ratio	Lower	Upper
232	100	
131	40.3	32.2 48.2
130	2.3	2.2 3.2
166	29.0	24.2 36.4

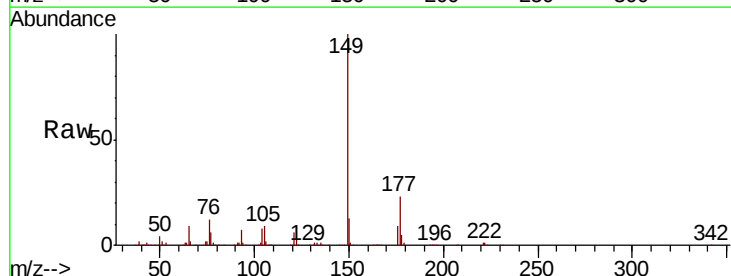


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

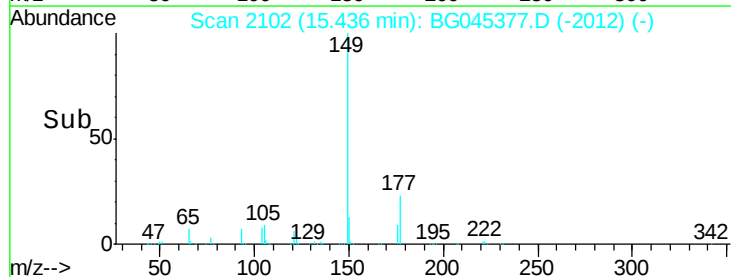
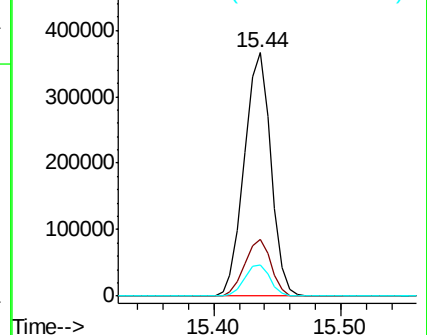


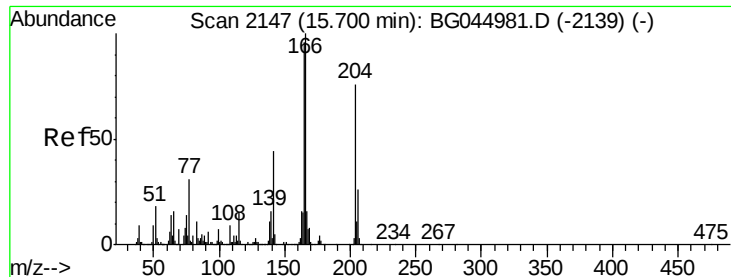
#60
 Diethylphthalate
 Concen: 33.341 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion:149	Resp:	532381
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.9 28.3
150	13.0	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 32.588 ng

RT: 15.65 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

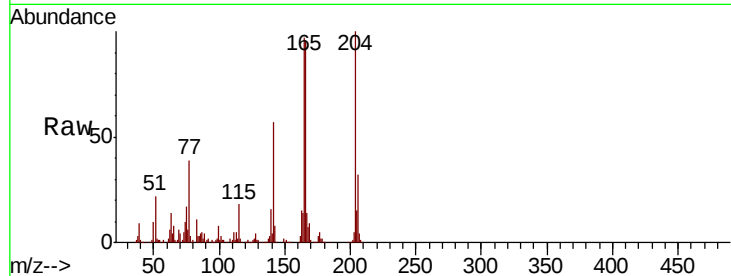
Tot Ion:204 Resp: 268918

Ion Ratio Lower Upper

204 100

206 31.8 26.9 40.3

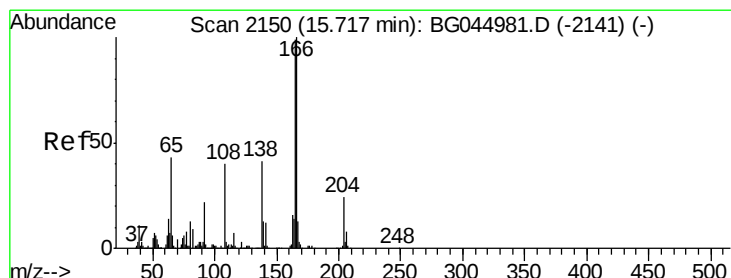
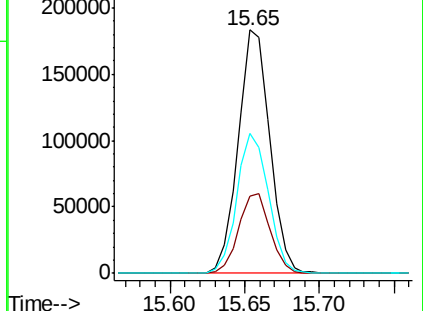
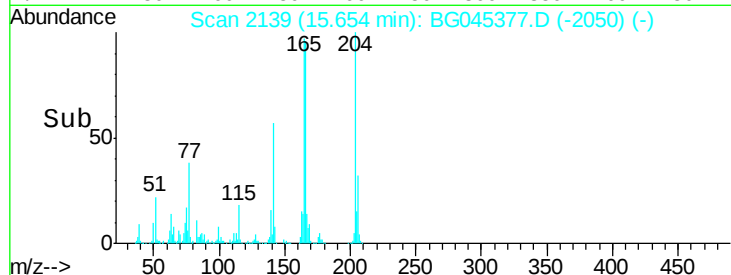
141 57.5 46.3 69.5



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: 28.067 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

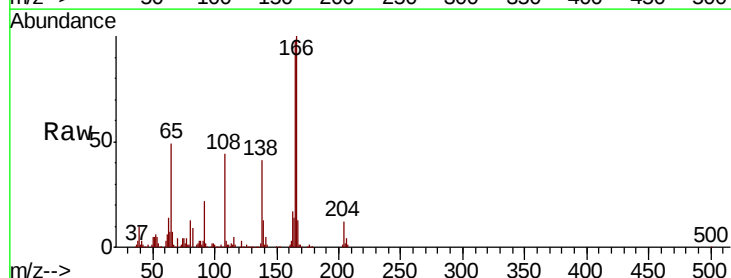
Tgt Ion:138 Resp: 109372

Ion Ratio Lower Upper

138 100

92 53.4 33.6 73.6

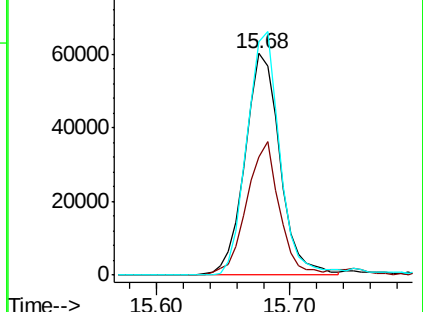
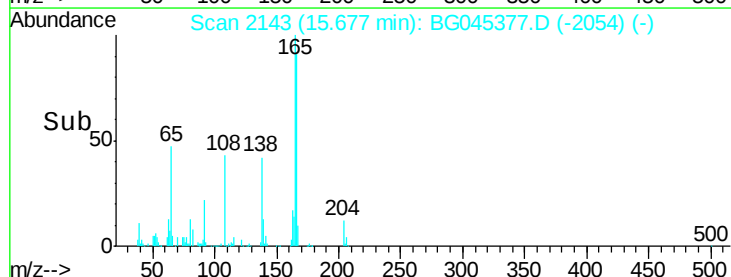
108 105.4 78.2 118.2

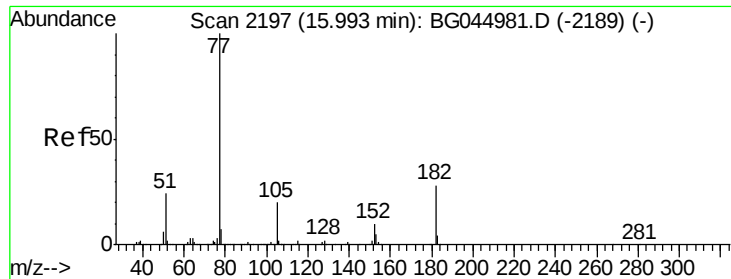


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

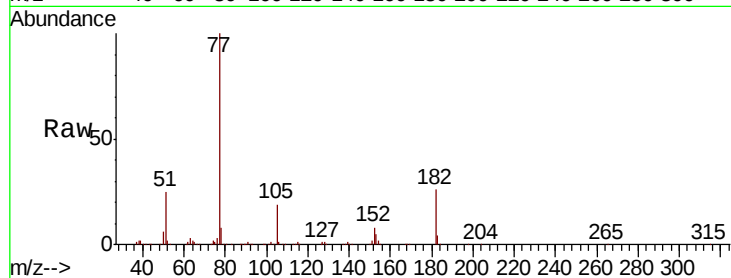




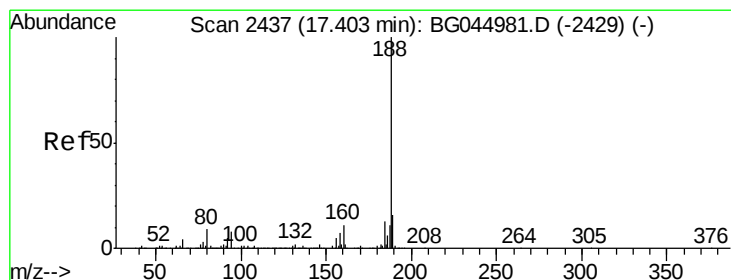
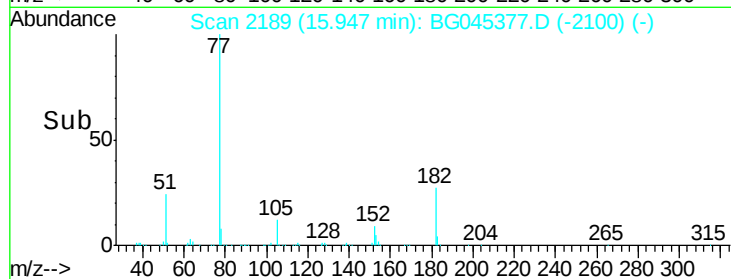
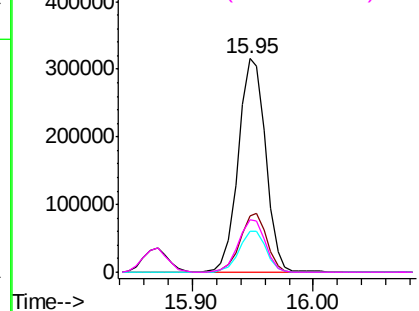
#63
Azobenzene
Concen: 33.780 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion:	77	Resp:	497304
Ion	Ratio	Lower	Upper
77	100		
182	26.2	8.4	48.4
105	18.9	0.5	40.5
51	24.8	4.4	44.4

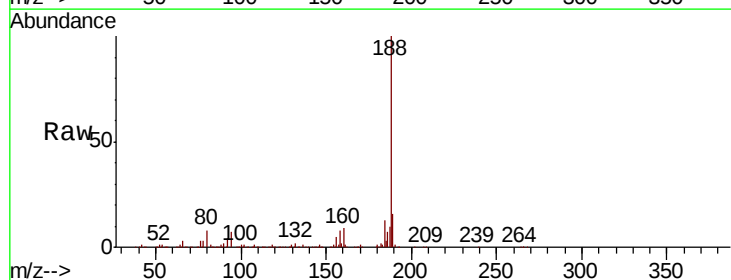


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

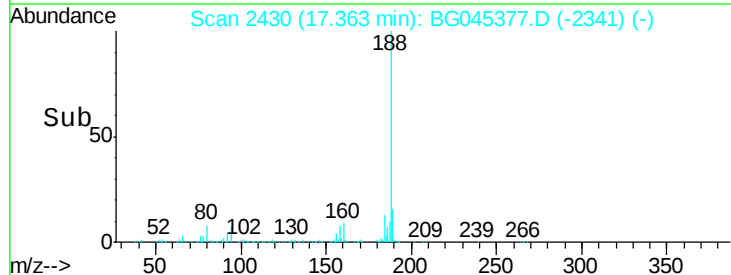
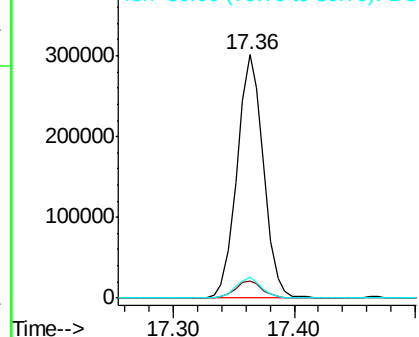


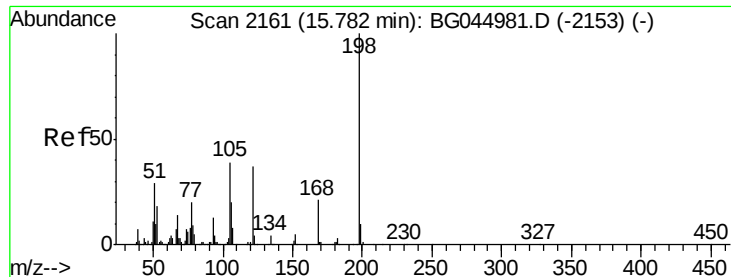
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:	188	Resp:	458592
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.4	7.0	10.6



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

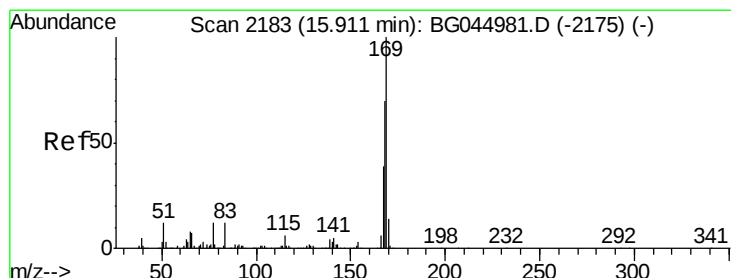
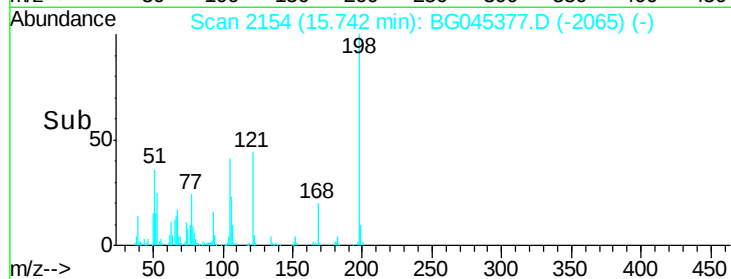
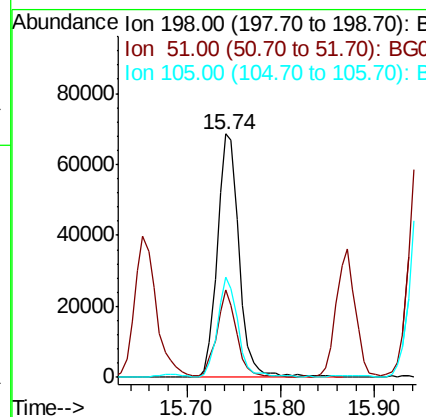
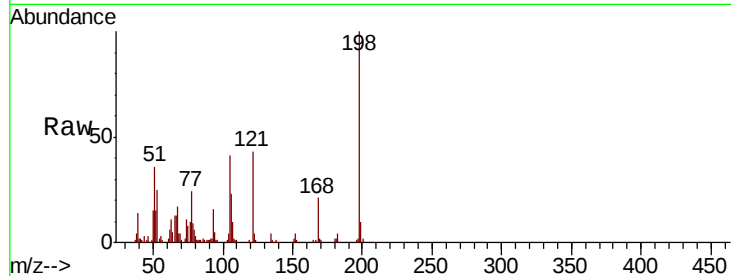




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.915 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

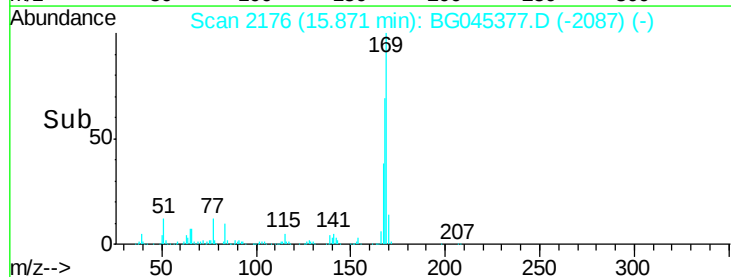
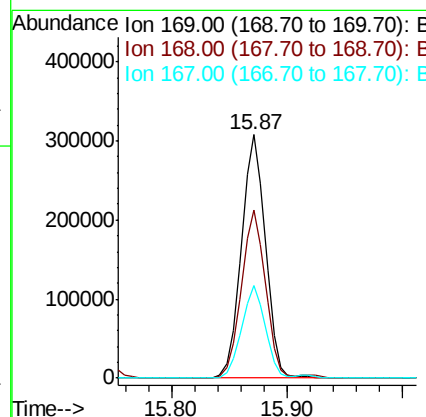
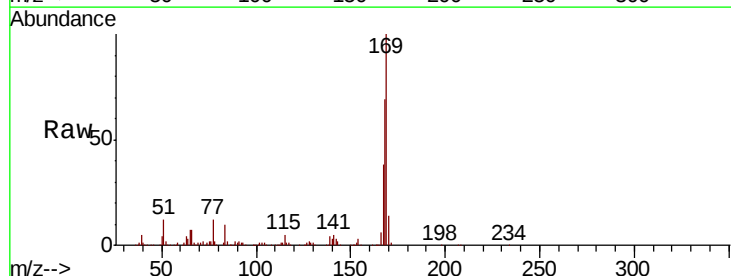
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

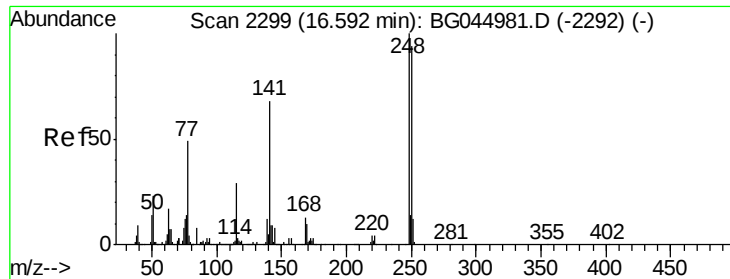
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	10.0	50.0
105	40.9	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 33.684 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.8	83.8
167	38.0	30.8	46.2

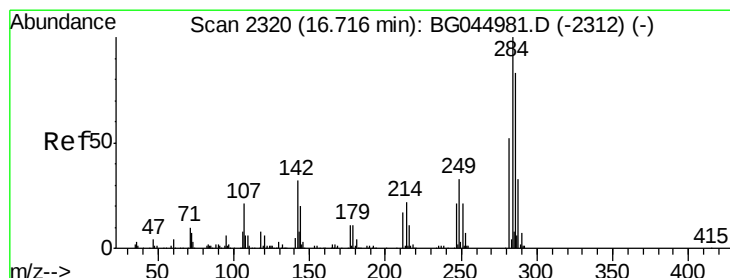
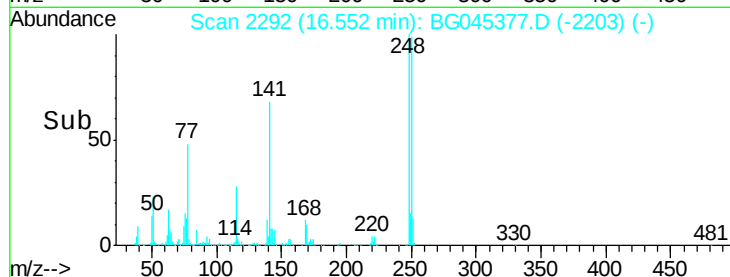
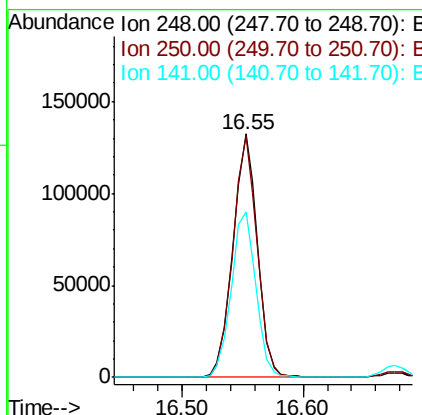
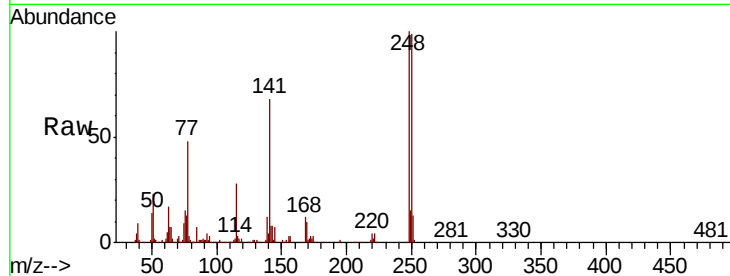




#67
4-Bromophenyl-phenylether
Concen: 31.627 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

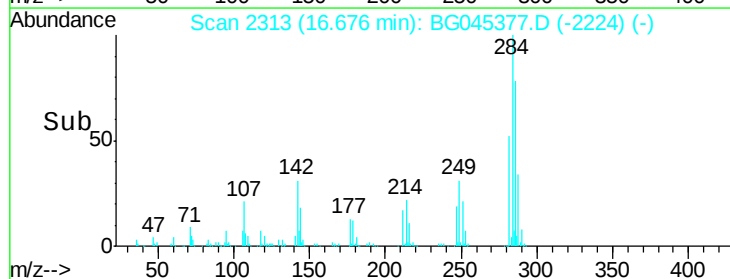
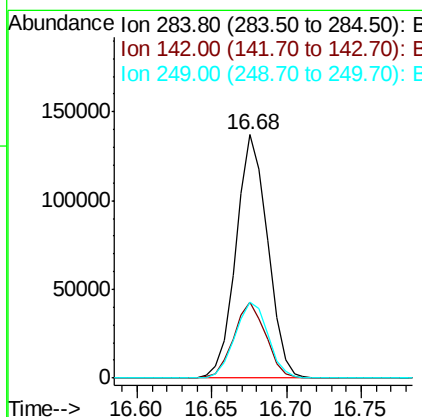
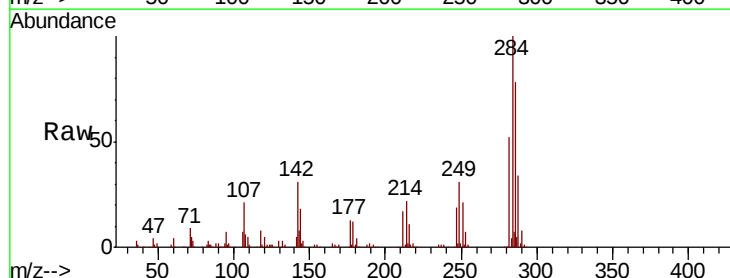
Instrument :
BNA_G
ClientSampleId :
PB128856BS

Tot Ion:248 Resp: 187114
Ion Ratio Lower Upper
248 100
250 98.9 75.4 113.2
141 67.9 54.4 81.6



#68
Hexachlorobenzene
Concen: 32.817 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:284 Resp: 201362
Ion Ratio Lower Upper
284 100
142 31.3 25.8 38.6
249 31.2 26.6 39.8





#69

Atrazine

Concen: 34.985 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

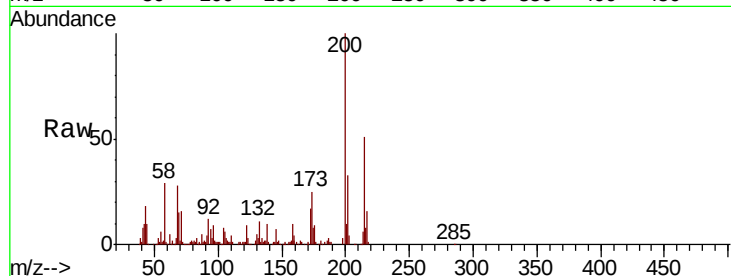
Tot Ion:200 Resp: 173243

Ion Ratio Lower Upper

200 100

173 24.8 4.5 44.5

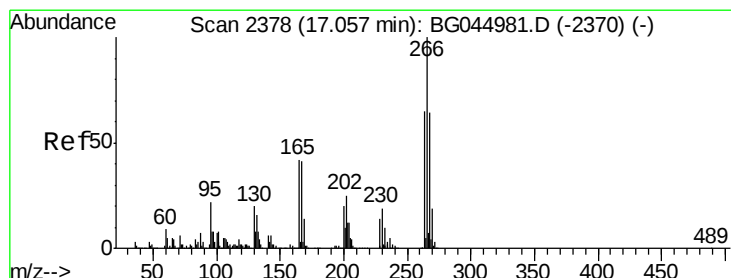
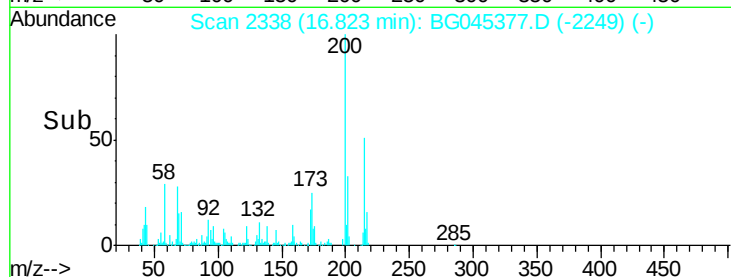
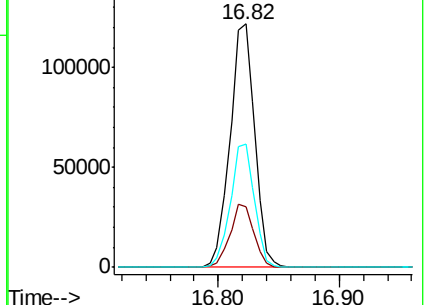
215 50.5 30.0 70.0



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: 62.354 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

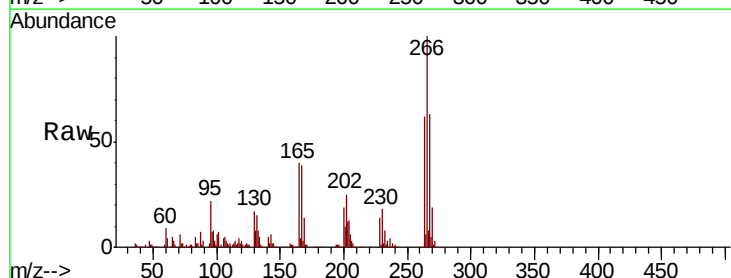
Tgt Ion:266 Resp: 234707

Ion Ratio Lower Upper

266 100

268 63.3 51.5 77.3

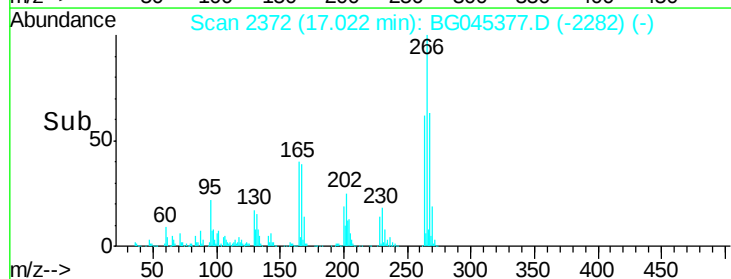
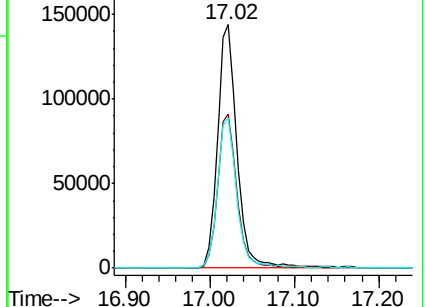
264 61.9 52.2 78.4



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

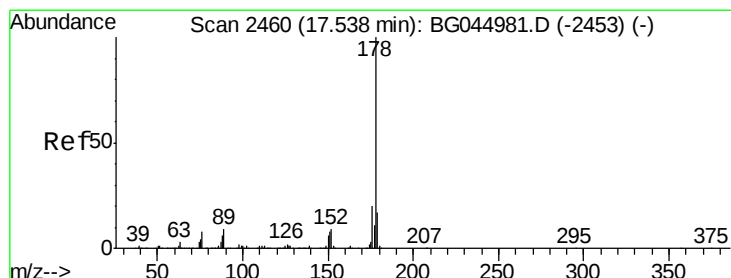
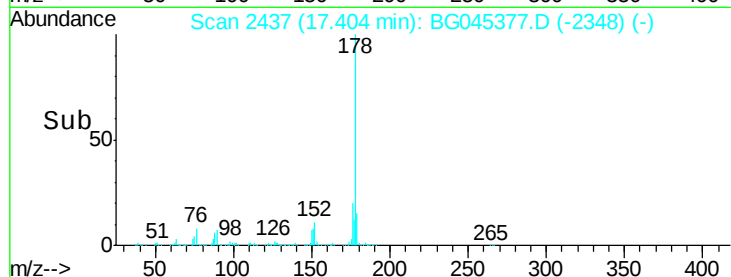
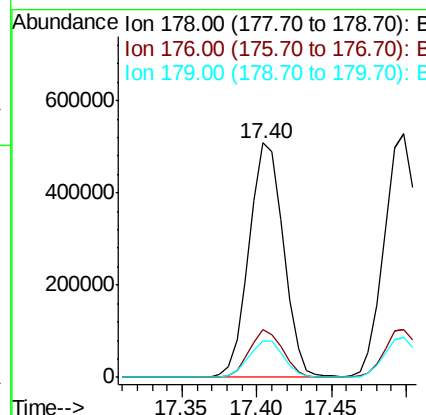
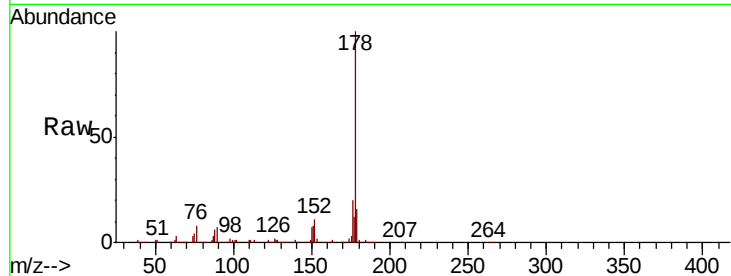




#71
Phenanthrene
Concen: 34.381 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

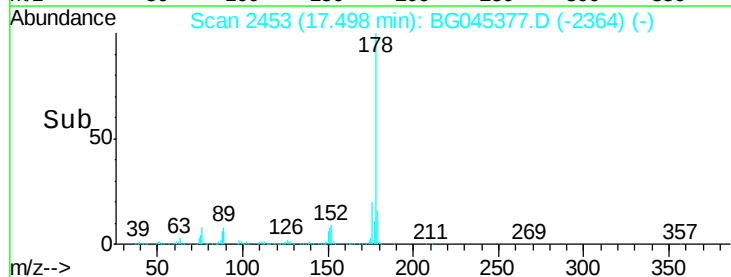
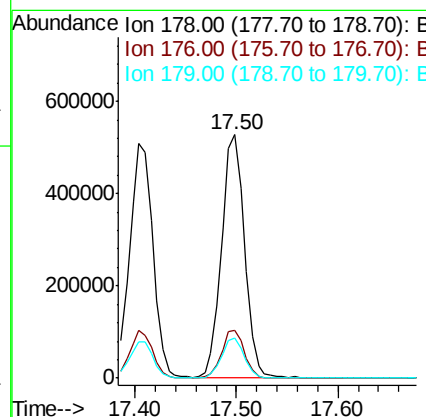
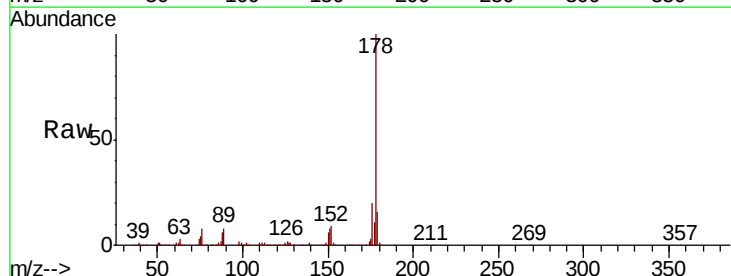
Instrument :
BNA_G
ClientSampleId :
PB128856BS

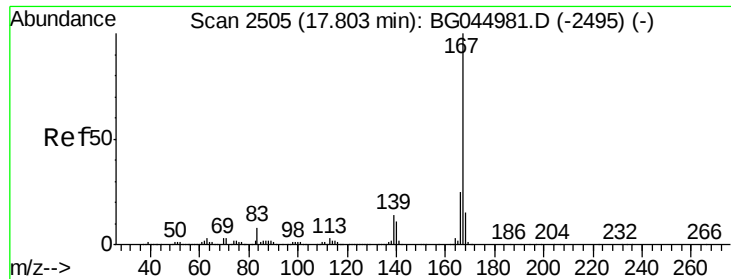
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	15.6	13.2	19.8



#72
Anthracene
Concen: 35.207 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.4	13.6	20.4

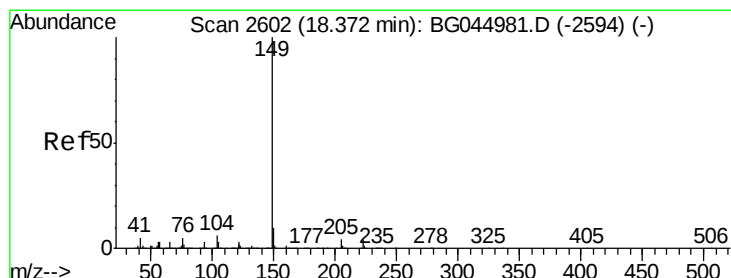
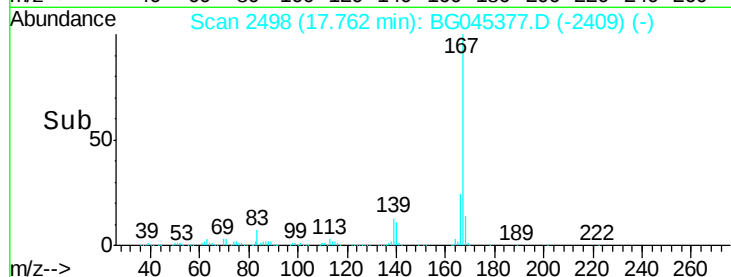
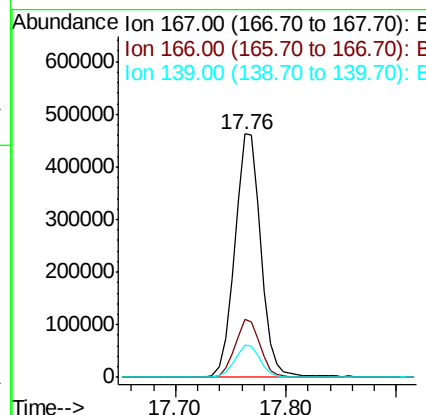
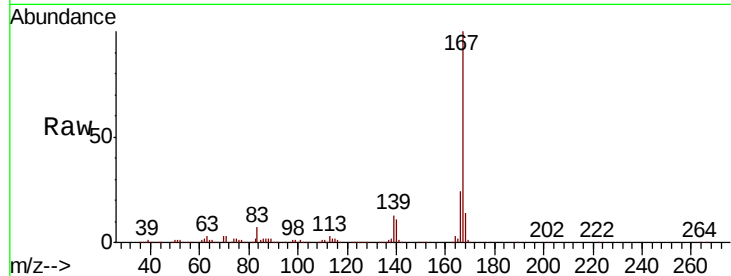




#73
 Carbazole
 Concen: 32.039 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

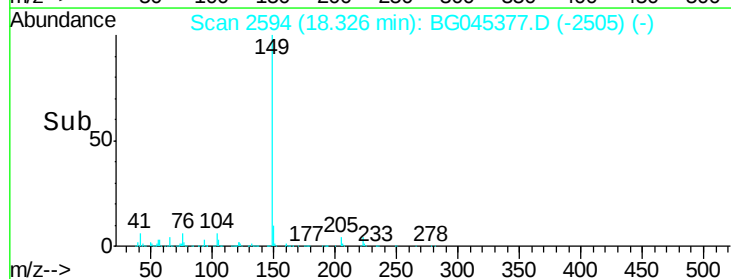
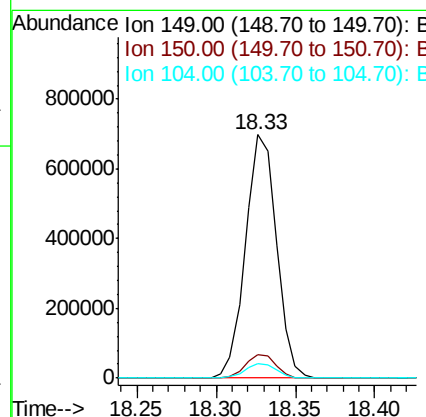
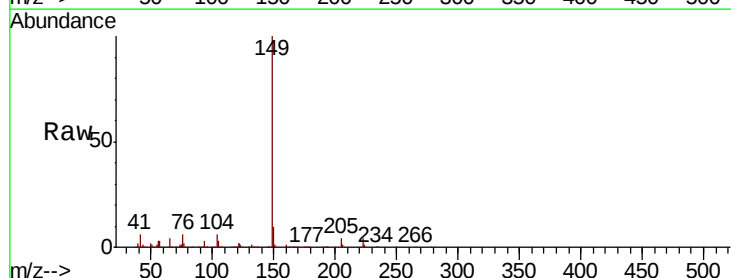
Instrument :
 BNA_G
 ClientSampleId :
 PB128856BS

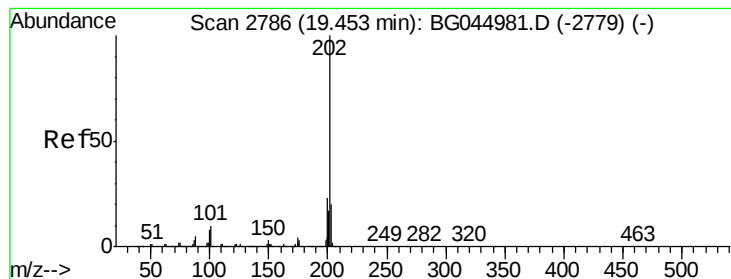
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.8	29.6
139	13.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 34.765 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045377.D
 Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 35.334 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

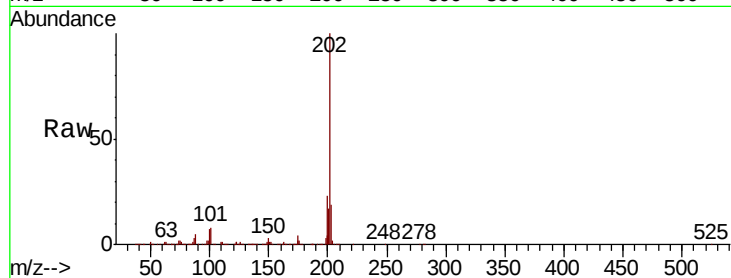
Tot Ion:202 Resp: 1015424

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.6

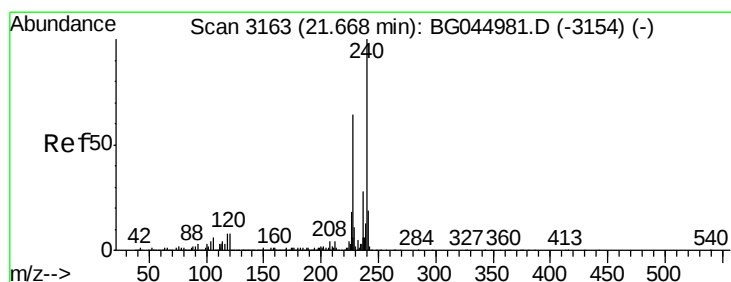
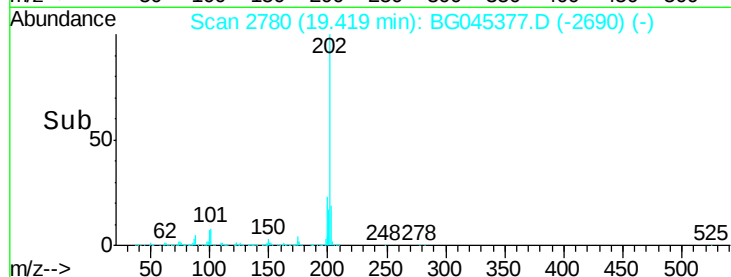
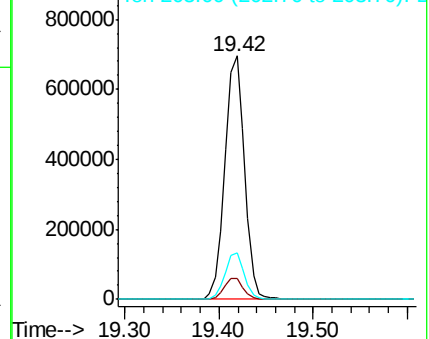
203 19.0 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

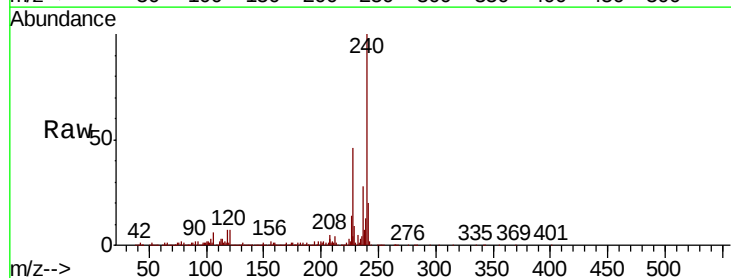
Tgt Ion:240 Resp: 415829

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

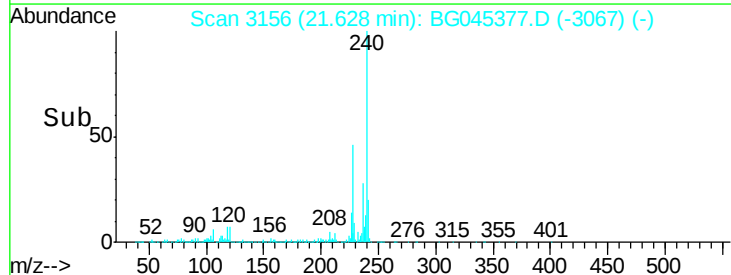
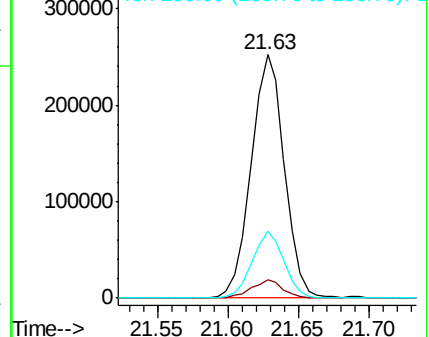
236 27.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.237 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampled :

PB128856BS

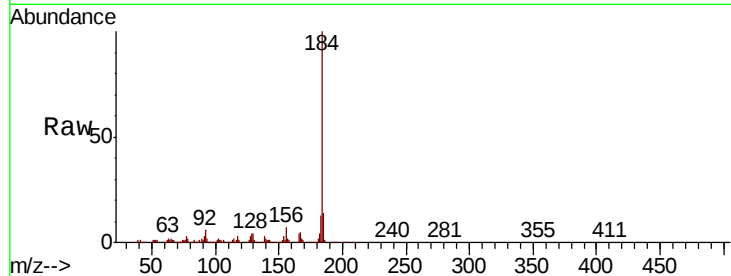
Tot Ion:184 Resp: 345912

Ion Ratio Lower Upper

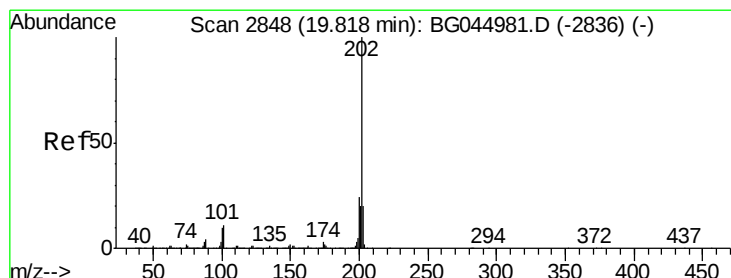
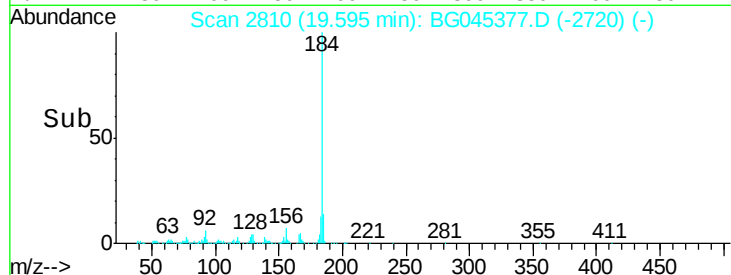
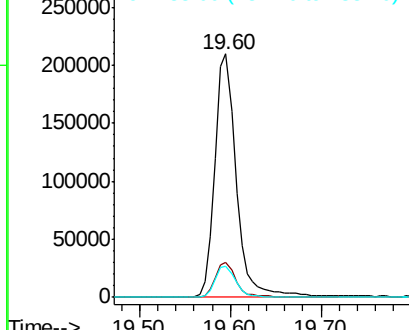
184 100

185 14.1 12.6 19.0

183 12.6 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.832 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

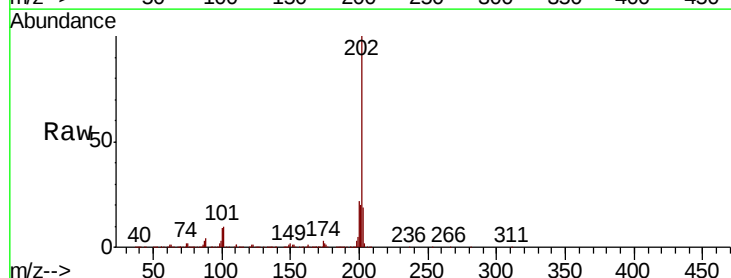
Tgt Ion:202 Resp: 1027207

Ion Ratio Lower Upper

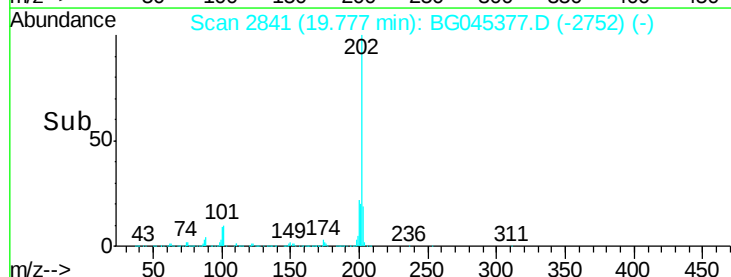
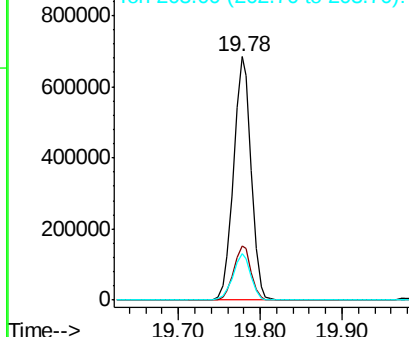
202 100

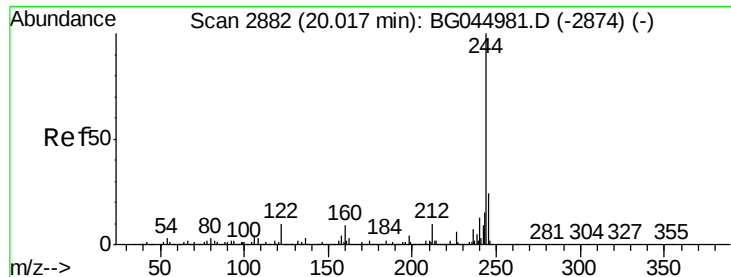
200 22.3 19.0 28.6

203 19.0 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.099 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampled :

PB128856BS

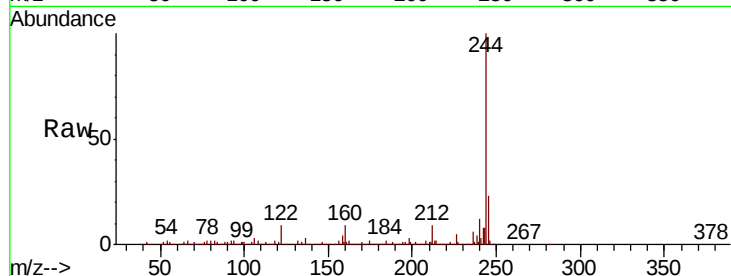
Tot Ion:244 Resp: 1566324

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

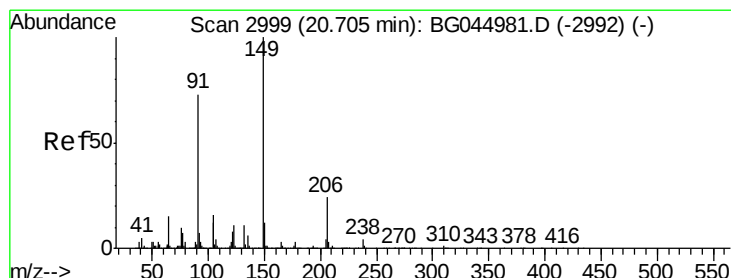
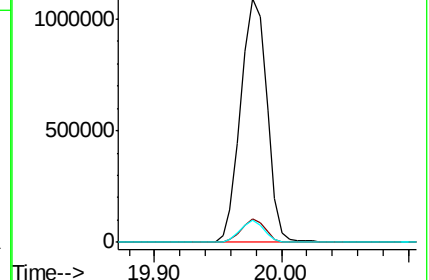
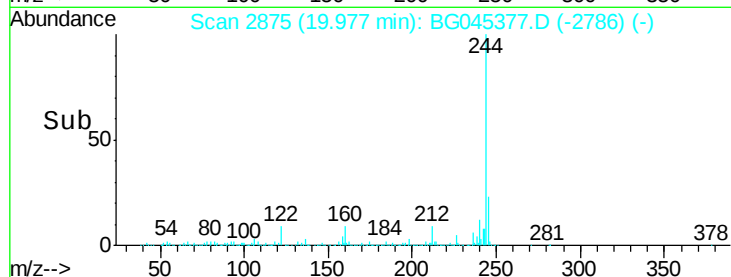
122 8.9 7.7 11.5



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: 34.335 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

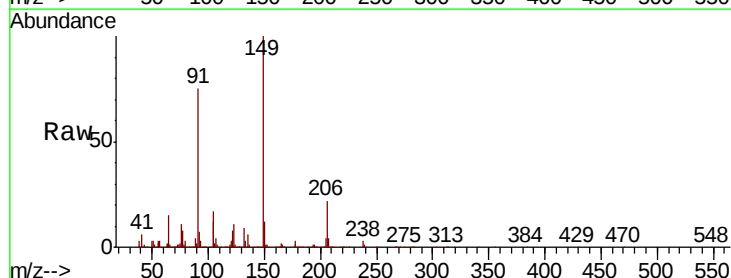
Tgt Ion:149 Resp: 408001

Ion Ratio Lower Upper

149 100

91 74.9 58.5 87.7

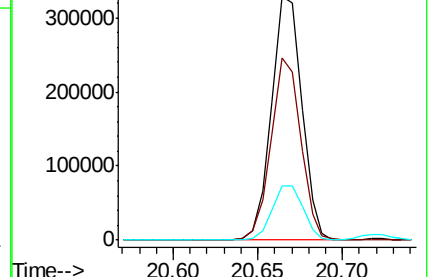
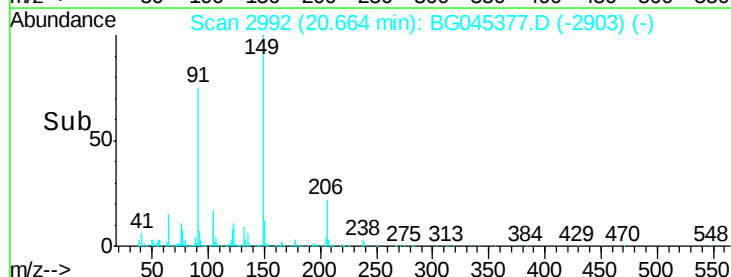
206 22.4 19.2 28.8

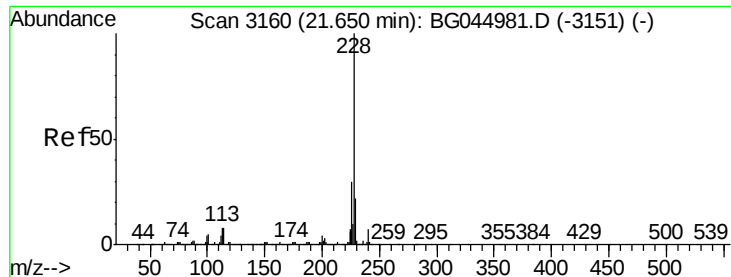


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.588 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

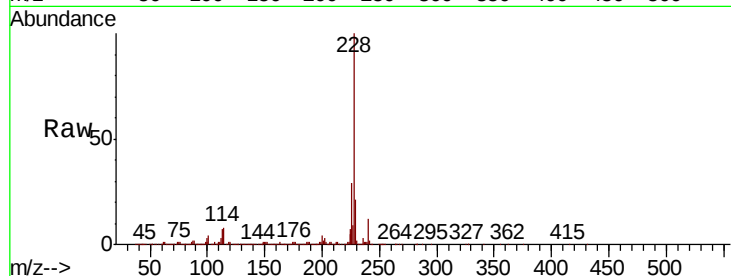
Tot Ion:228 Resp: 932191

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

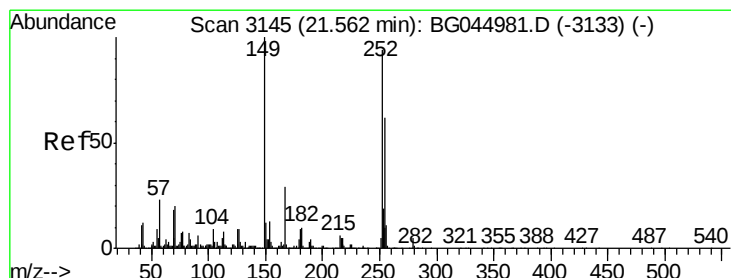
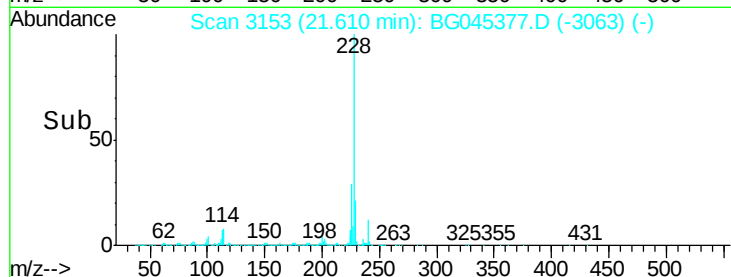
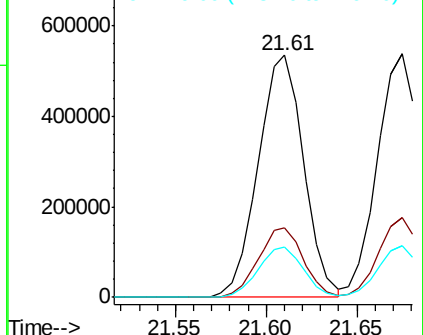
229 20.8 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.468 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

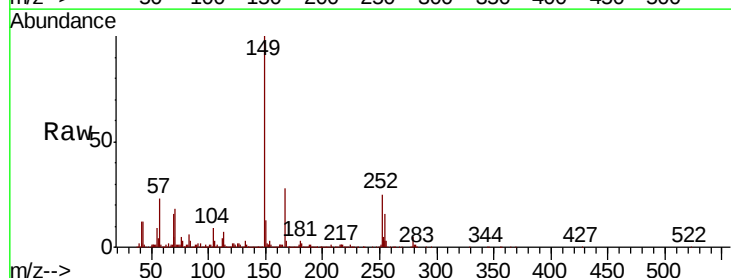
Tgt Ion:252 Resp: 165934

Ion Ratio Lower Upper

252 100

254 64.7 52.6 79.0

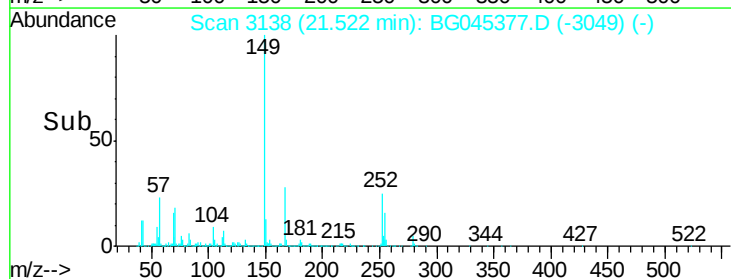
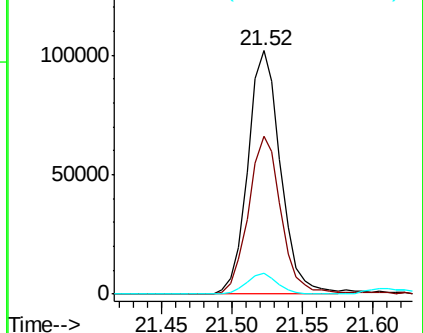
126 8.8 7.5 11.3

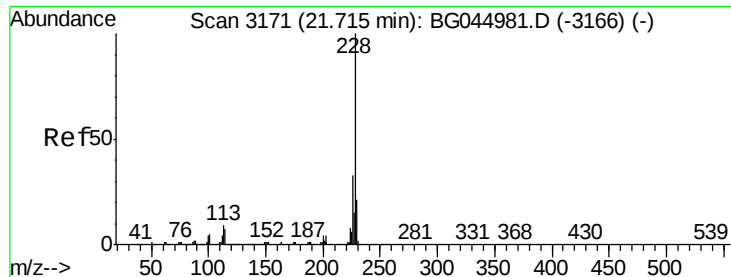


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.518 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

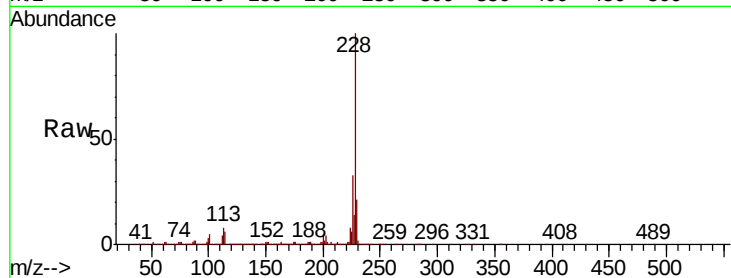
BNA_G

ClientSampleId :

PB128856BS

Tot Ion:228 Resp: 893873

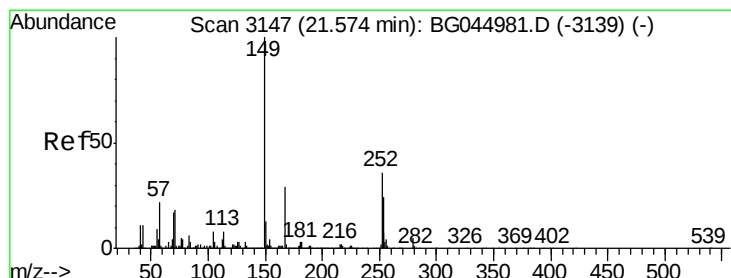
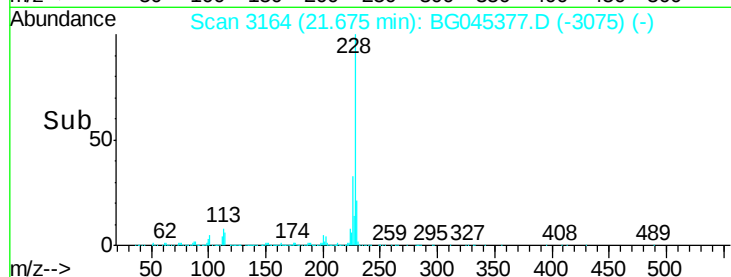
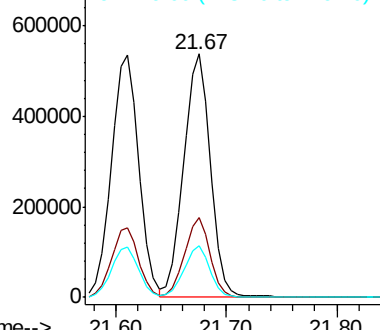
Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	21.3	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.039 ng

RT: 21.52 min Scan# 3138

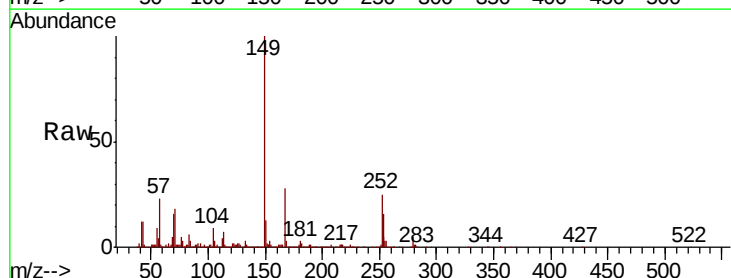
Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Tgt Ion:149 Resp: 556303

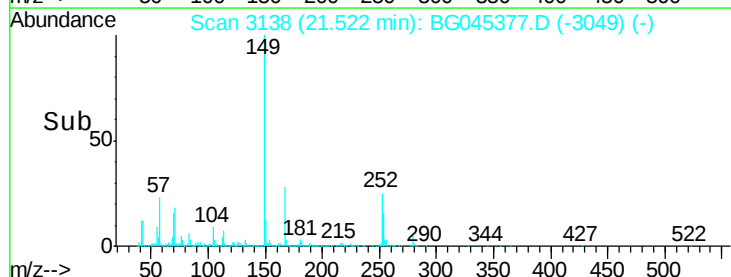
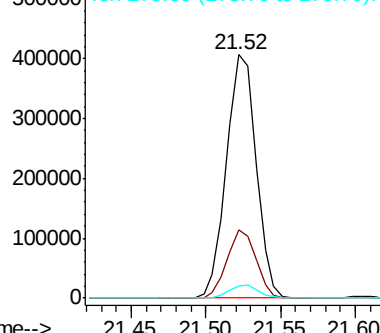
Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	4.8	4.3	6.5

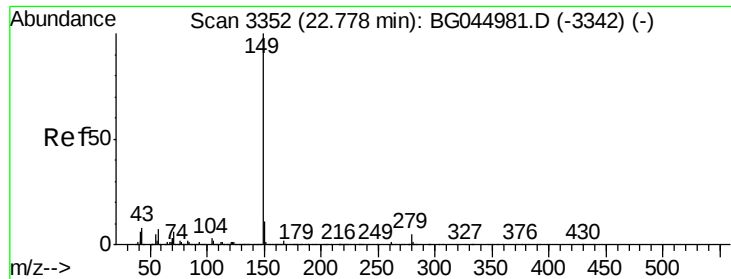


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

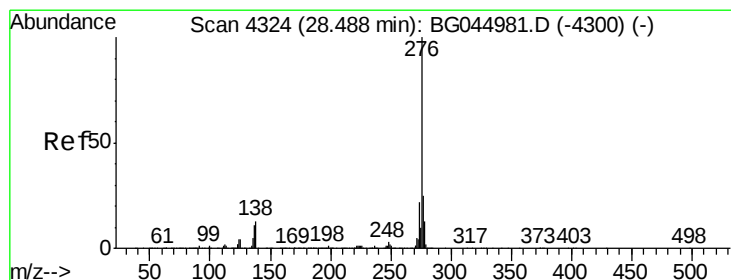
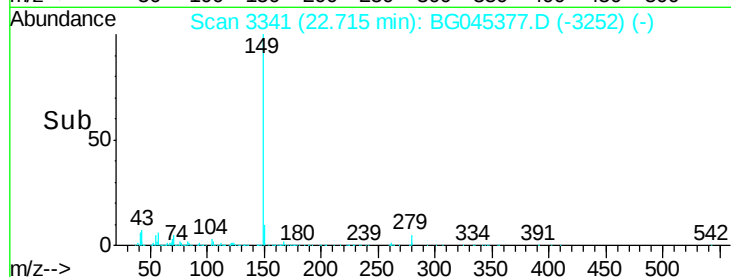
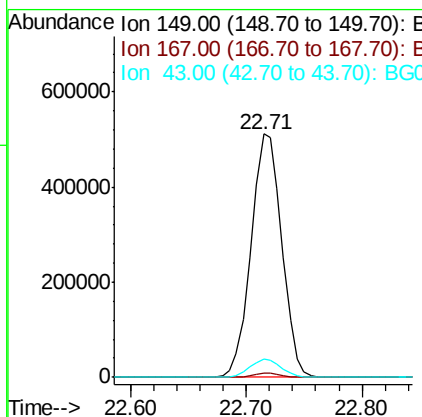
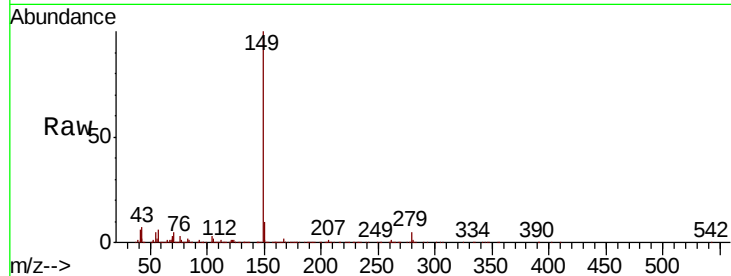




#85
Di-n-octyl phthalate
Concen: 33.448 ng
RT: 22.71 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

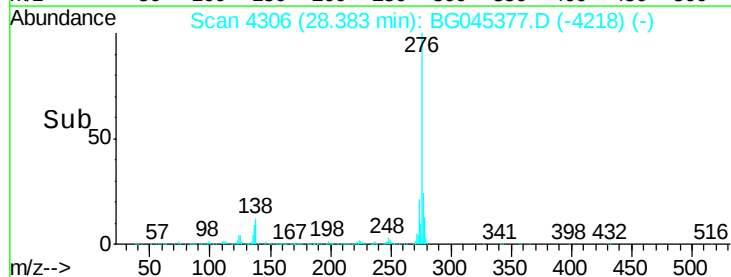
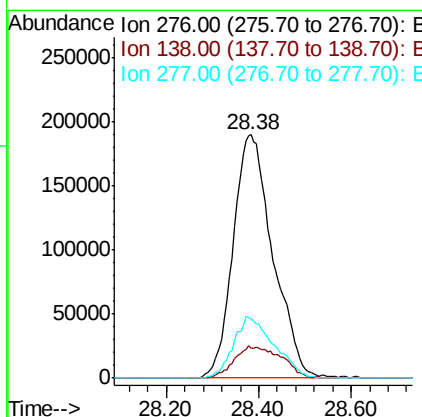
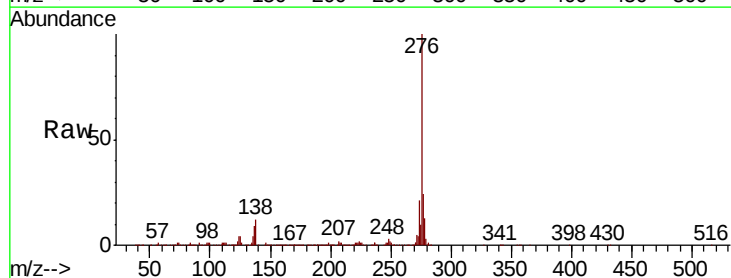
Instrument :
BNA_G
ClientSampleId :
PB128856BS

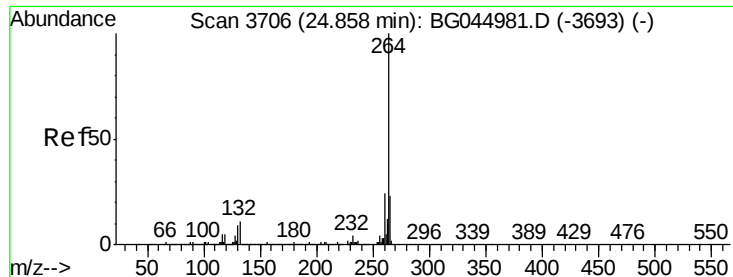
Tot Ion:149 Resp: 945300
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 7.2 5.7 8.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.970 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion:276 Resp: 1133532
Ion Ratio Lower Upper
276 100
138 15.4 9.6 14.4#
277 25.7 20.6 31.0

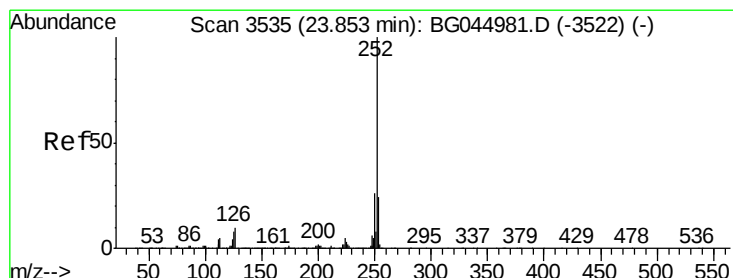
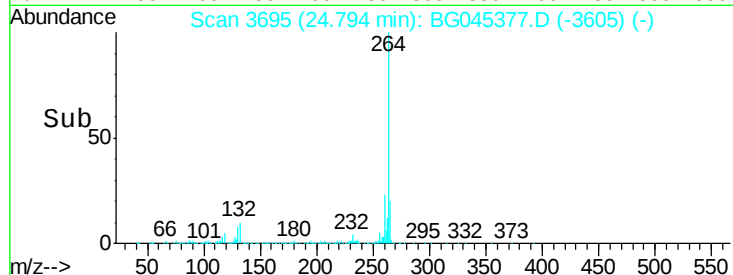
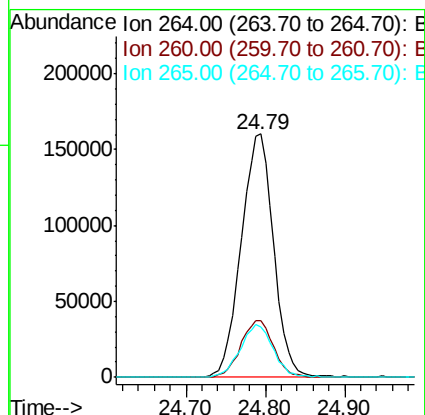
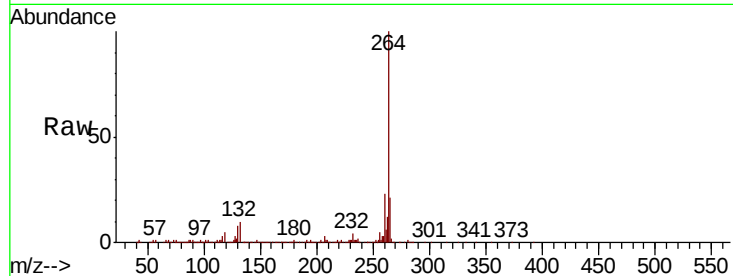




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

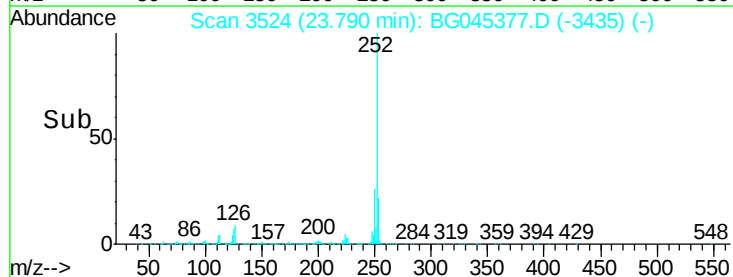
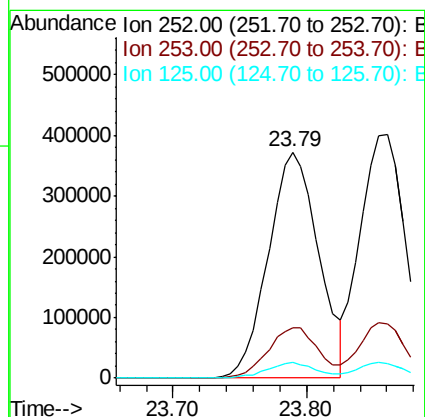
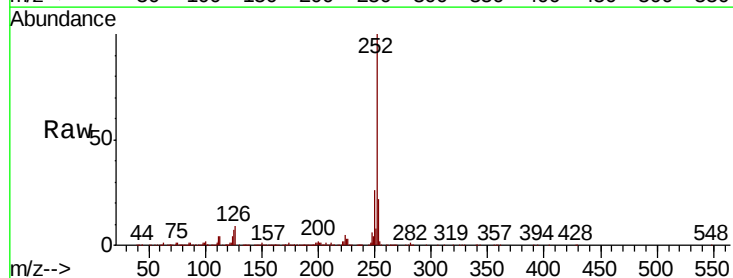
Instrument :
BNA_G
ClientSampleId :
PB128856BS

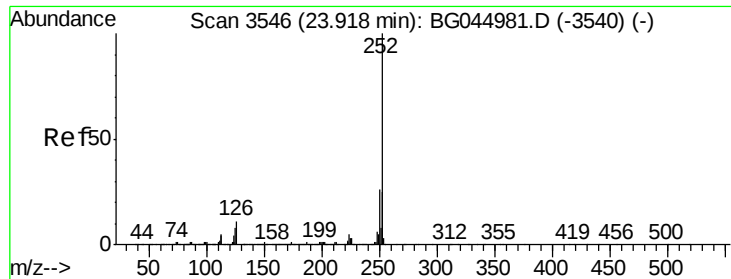
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 34.267 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG045377.D
Acq: 14 May 2020 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	7.1	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 34.818 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampled :

PB128856BS

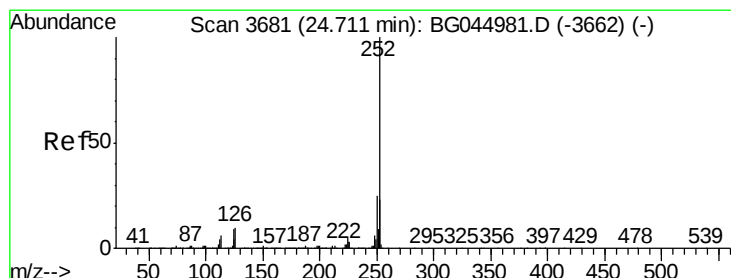
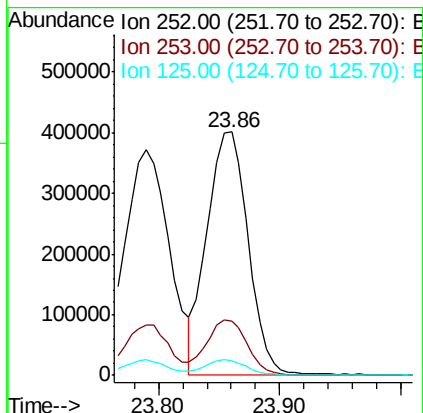
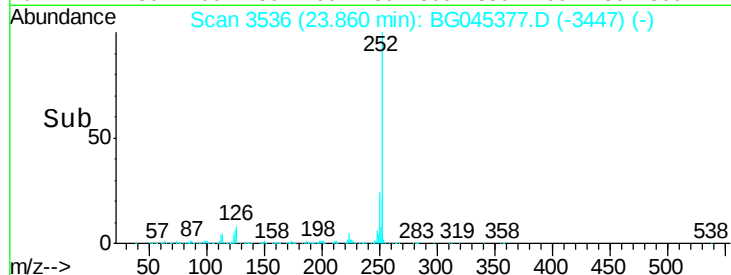
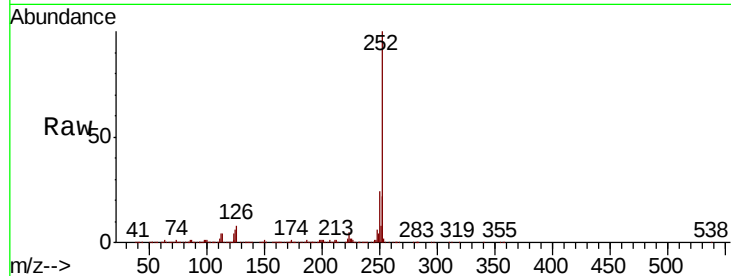
Tot Ion:252 Resp: 942077

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

125 6.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 33.635 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

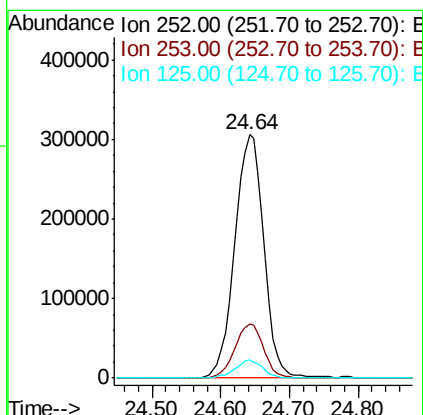
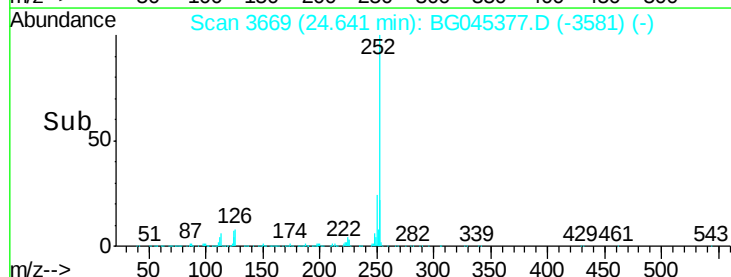
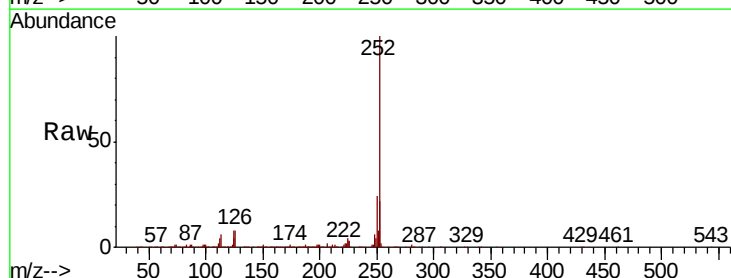
Tgt Ion:252 Resp: 903504

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

125 7.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 34.459 ng

RT: 28.45 min Scan# 4318

Delta R.T. 0.00 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB128856BS

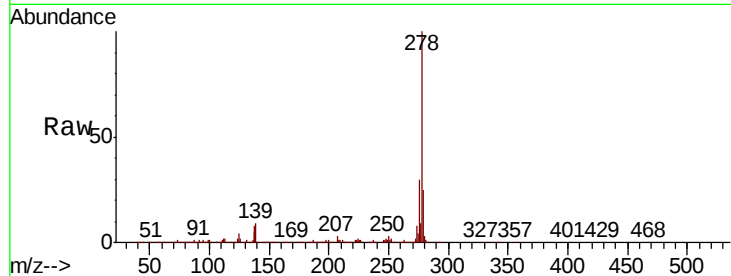
Tot Ion:278 Resp: 932724

Ion Ratio Lower Upper

278 100

139 9.3 9.0 13.6

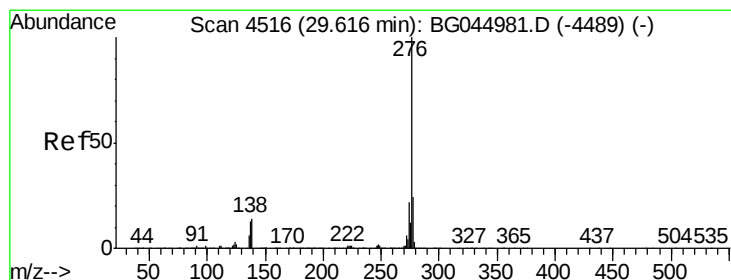
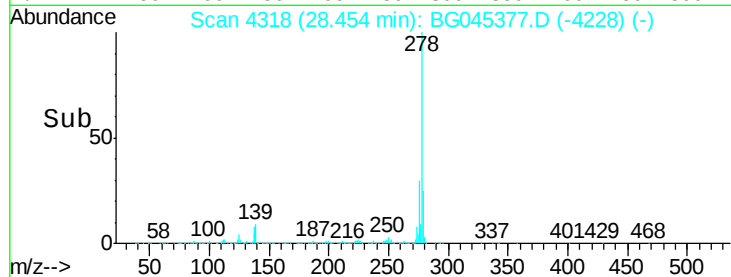
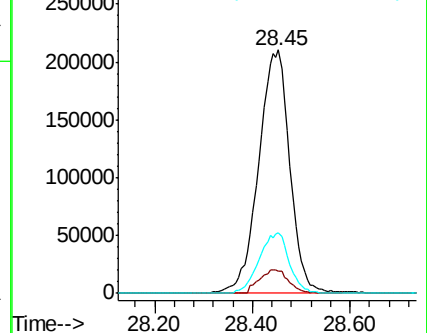
279 25.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.812 ng

RT: 29.51 min Scan# 4497

Delta R.T. -0.01 min

Lab File: BG045377.D

Acq: 14 May 2020 14:31

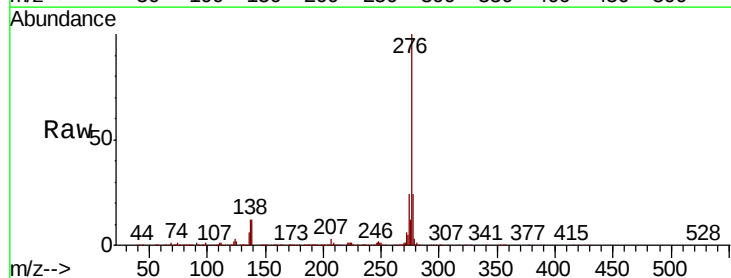
Tgt Ion:276 Resp: 944682

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 11.8 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

