

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
 Data File : BG045028.D
 Acq On : 17 Apr 2020 11:50
 Operator : CG/JU
 Sample : PB128274BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

Quant Time: Apr 17 12:29:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	64208	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	301284	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	239128	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	570645	20.00	ng	0.00
76) Chrysene-d12	21.67	240	482564	20.00	ng	0.00
87) Perylene-d12	24.85	264	531440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	552660	142.10	ng	0.00
7) Phenol-d6	7.18	99	843282	145.94	ng	0.00
23) Nitrobenzene-d5	9.18	82	542658	82.18	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	462457	125.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1351562	82.88	ng	0.00
79) Terphenyl-d14	20.01	244	2133165	96.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	53838	31.149	ng	96
3) Pyridine	3.88	79	172265	32.370	ng	98
4) n-Nitrosodimethylamine	3.79	42	69726	42.770	ng	# 94
6) Aniline	7.34	93	296046	39.405	ng	98
8) 2-Chlorophenol	7.58	128	226579	54.208	ng	100
9) Benzaldehyde	7.15	77	111705	32.284	ng	98
10) Phenol	7.21	94	314850	54.451	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	211001	45.833	ng	96
12) 1,3-Dichlorobenzene	7.91	146	217839	44.228	ng	97
13) 1,4-Dichlorobenzene	8.06	146	217058	44.227	ng	98
14) 1,2-Dichlorobenzene	8.38	146	211420	45.029	ng	98
15) Benzyl Alcohol	8.25	79	242095	49.972	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	200556	44.379	ng	95
17) 2-Methylphenol	8.47	107	220382	49.399	ng	97
18) Hexachloroethane	9.11	117	84377	45.733	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	205394	50.262	ng	98
20) 3+4-Methylphenols	8.79	107	312954	50.117	ng	96
22) Acetophenone	8.84	105	364952	44.793	ng	98
24) Nitrobenzene	9.22	77	295209	43.617	ng	99
25) Isophorone	9.75	82	590526	43.672	ng	97
26) 2-Nitrophenol	9.93	139	138008	47.338	ng	98
27) 2,4-Dimethylphenol	10.00	122	236825	51.195	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	324908	45.732	ng	98
29) 2,4-Dichlorophenol	10.47	162	264458	49.510	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	262972	43.483	ng	99
31) Naphthalene	10.88	128	729436	44.257	ng	99
32) Benzoic acid	10.15	122	167325	45.203	ng	92
33) 4-Chloroaniline	10.98	127	138158	17.974	ng	98
34) Hexachlorobutadiene	11.18	225	168639	40.671	ng	98
35) Caprolactam	11.75	113	49124	23.108	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	311348	49.618	ng	98
37) 2-Methylnaphthalene	12.48	142	586642	45.857	ng	95
38) 1-Methylnaphthalene	12.71	142	565889	46.857	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	323072	41.961	ng	98

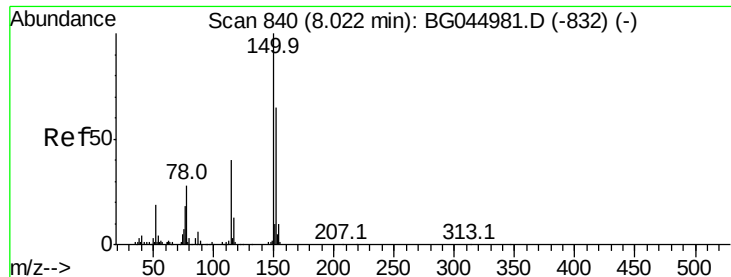
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	472250	98.137	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	246225	45.313	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	266751	43.127	ng	98
46) 1,1'-Biphenyl	13.49	154	784231	43.148	ng	99
47) 2-Chloronaphthalene	13.54	162	605909	43.629	ng	99
48) 2-Nitroaniline	13.73	65	199466	43.653	ng	95
49) Acenaphthylene	14.38	152	1007507	44.538	ng	99
50) Dimethylphthalate	14.11	163	854086	43.865	ng	99
51) 2,6-Dinitrotoluene	14.22	165	196866	45.204	ng	96
52) Acenaphthene	14.72	154	621488	40.606	ng	98
53) 3-Nitroaniline	14.55	138	110769	23.190	ng	98
54) 2,4-Dinitrophenol	14.76	184	247790	95.684	ng	95
55) Dibenzofuran	15.06	168	988579	44.303	ng	99
56) 4-Nitrophenol	14.87	139	319511	86.272	ng	96
57) 2,4-Dinitrotoluene	15.01	165	275738	43.324	ng	98
58) Fluorene	15.70	166	815657	44.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	257790	46.841	ng	# 99
60) Diethylphthalate	15.48	149	877843	43.243	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	452593	43.141	ng	97
62) 4-Nitroaniline	15.71	138	198206	40.008	ng	97
63) Azobenzene	15.99	77	834393	44.581	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	177099	47.215	ng	98
66) n-Nitrosodiphenylamine	15.91	169	740208	45.146	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	314373	42.703	ng	99
68) Hexachlorobenzene	16.71	284	340803	44.637	ng	99
69) Atrazine	16.86	200	303729	51.478	ng	98
70) Pentachlorophenol	17.05	266	420425	89.761	ng	98
71) Phenanthrene	17.45	178	1292032	44.061	ng	99
72) Anthracene	17.54	178	1323427	44.992	ng	98
73) Carbazole	17.80	167	1212038	40.604	ng	99
74) Di-n-butylphthalate	18.37	149	1432729	43.951	ng	99
75) Fluoranthene	19.45	202	1538457	44.578	ng	99
77) Benzidine	19.63	184	750101	54.989	ng	98
78) Pyrene	19.81	202	1507199	45.305	ng	100
80) Butylbenzylphthalate	20.70	149	619020	44.889	ng	97
81) Benzo(a)anthracene	21.65	228	1404913	44.918	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	337418	27.104	ng	98
83) Chrysene	21.71	228	1348826	44.884	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	856851	45.178	ng	99
85) Di-n-octyl phthalate	22.77	149	1448142	44.154	ng	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1784606	44.728	ng	99
88) Benzo(b)fluoranthene	23.84	252	1516989	45.570	ng	99
89) Benzo(k)fluoranthene	23.92	252	1444068	45.615	ng	100
90) Benzo(a)pyrene	24.70	252	1387220	44.137	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	1457081	46.008	ng	97
92) Benzo(g,h,i)perylene	29.61	276	1447739	45.596	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

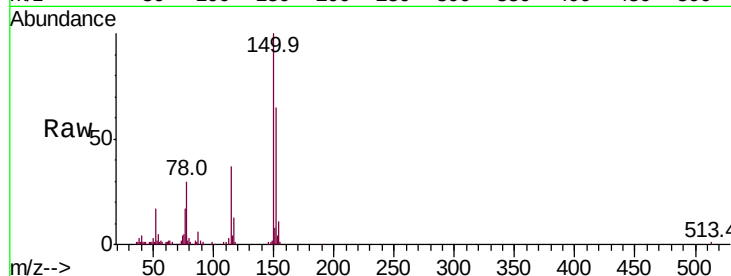
Tot Ion:152 Resp: 64208

Ion Ratio Lower Upper

152 100

150 154.7 123.6 185.4

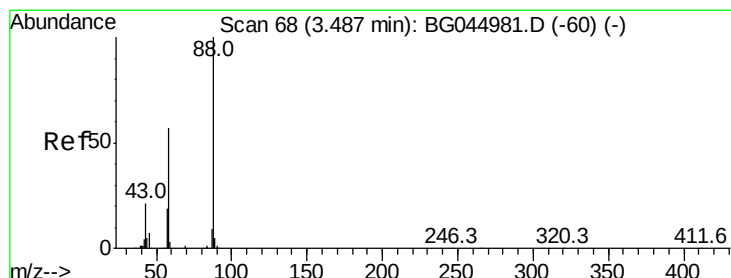
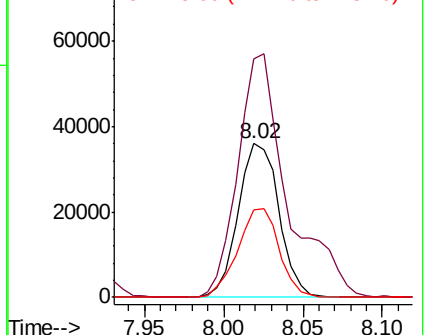
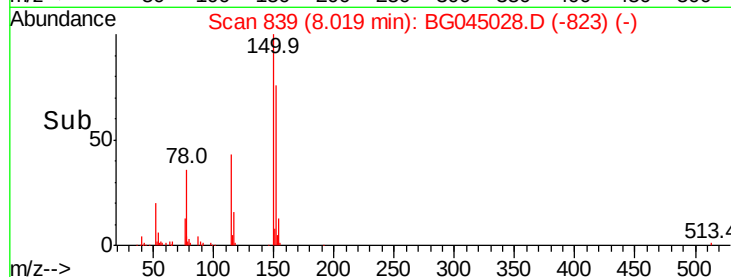
115 56.9 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.149 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

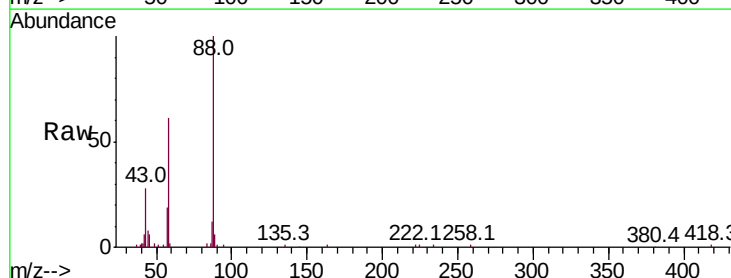
Tgt Ion: 88 Resp: 53838

Ion Ratio Lower Upper

88 100

58 61.0 46.6 69.8

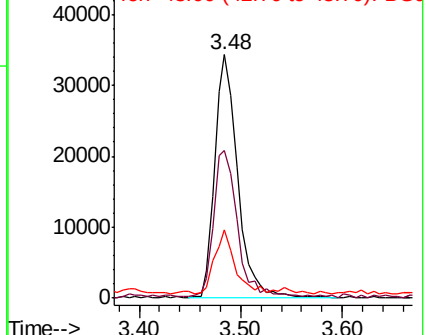
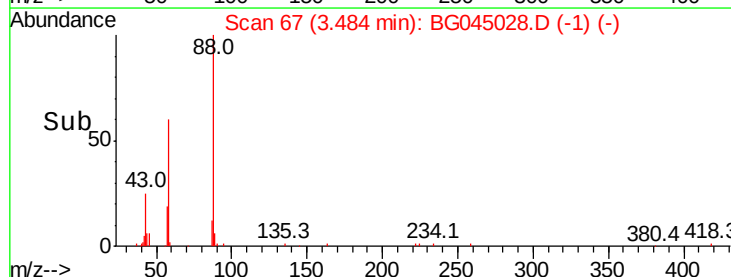
43 23.7 17.5 26.3

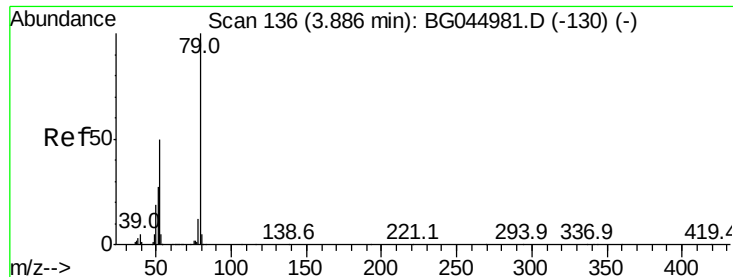


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.370 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

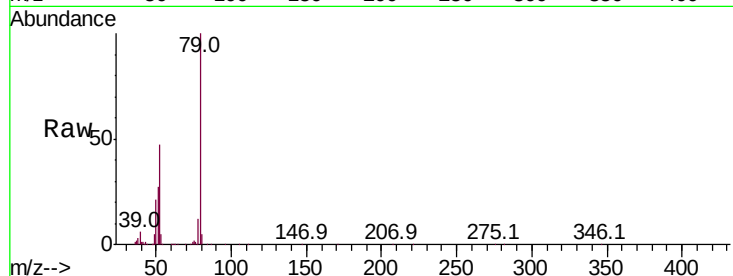
Tot Ion: 79 Resp: 172265

Ion Ratio Lower Upper

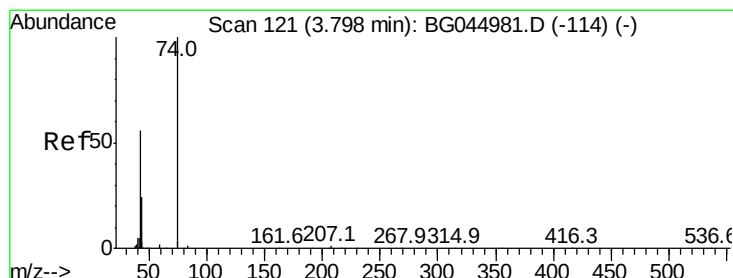
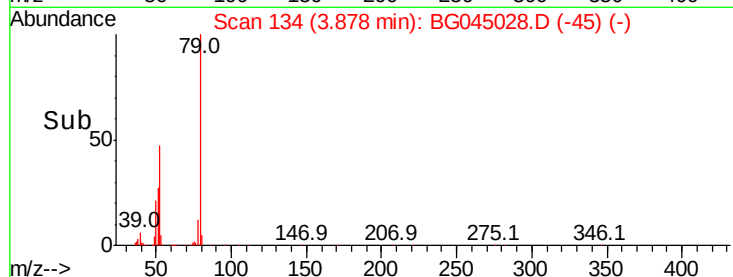
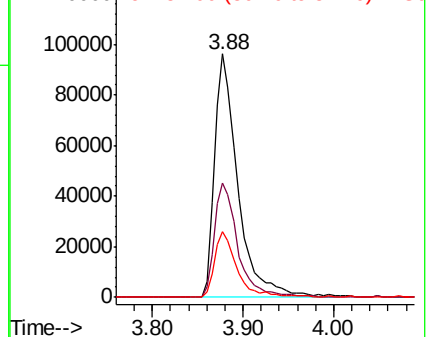
79 100

52 47.1 39.8 59.6

51 26.8 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 42.770 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

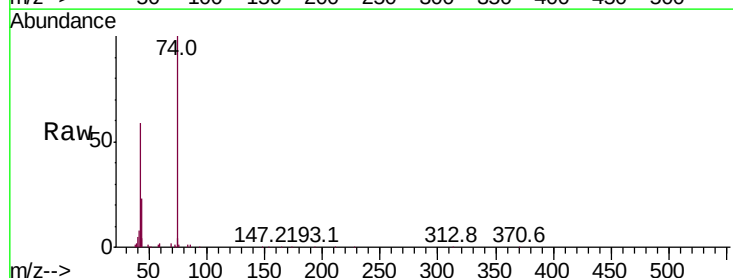
Tgt Ion: 42 Resp: 69726

Ion Ratio Lower Upper

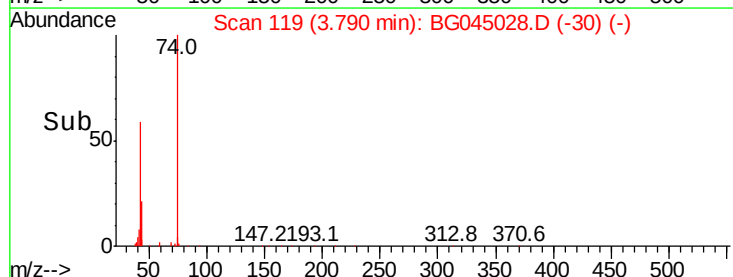
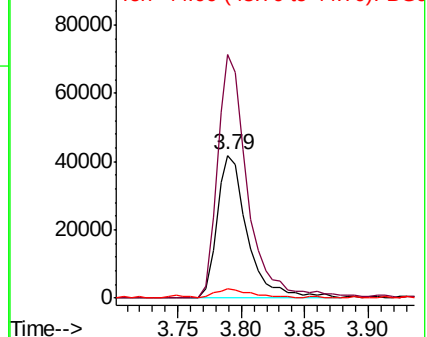
42 100

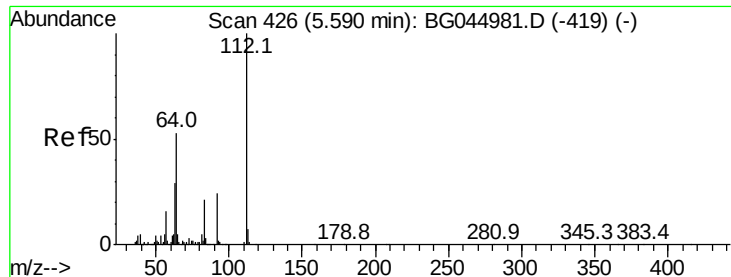
74 170.3 143.0 214.6

44 6.8 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: 142.103 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

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ClientSampleId :

PB128274BS

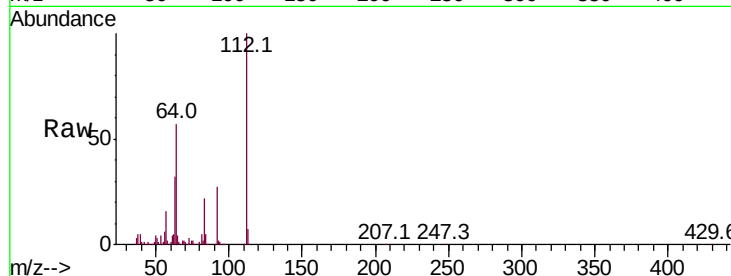
Tot Ion:112 Resp: 552660

Ion Ratio Lower Upper

112 100

64 57.0 42.4 63.6

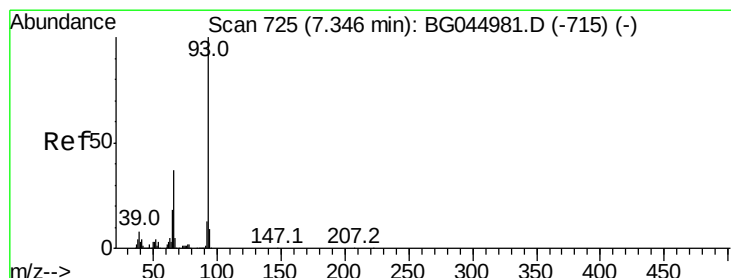
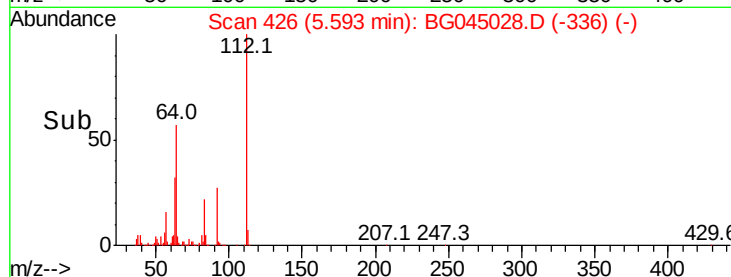
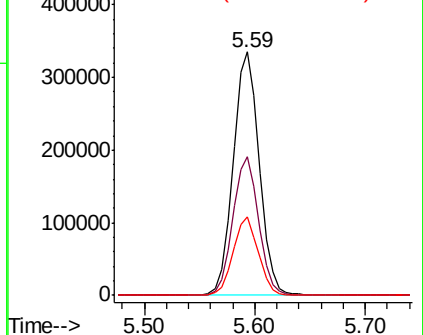
63 32.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.405 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

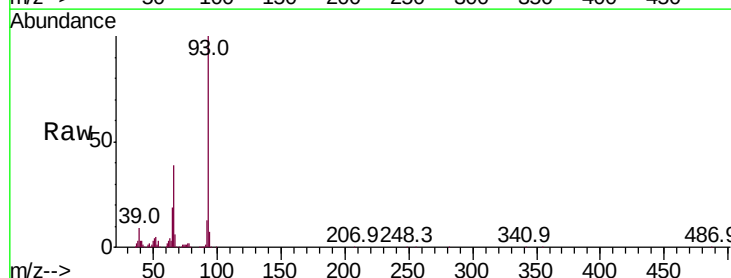
Tgt Ion: 93 Resp: 296046

Ion Ratio Lower Upper

93 100

66 38.8 29.8 44.8

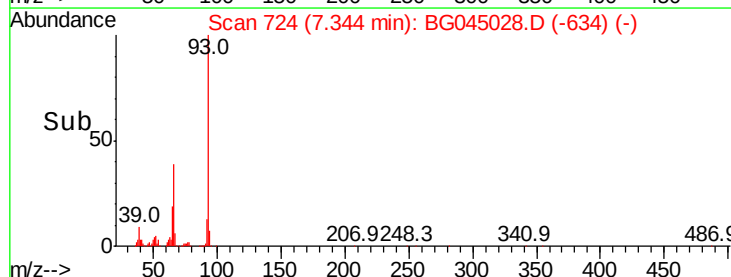
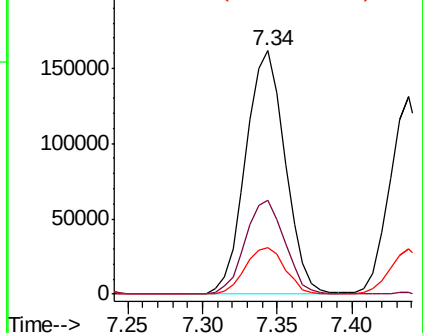
65 19.2 14.6 22.0

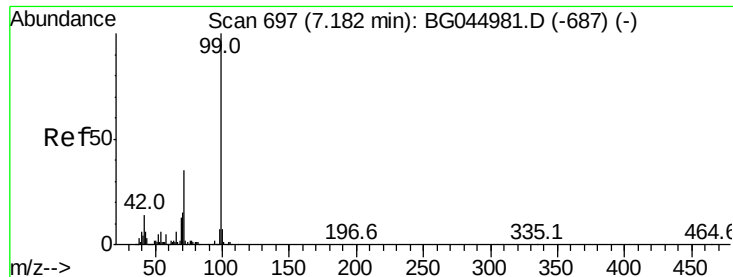


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.939 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

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PB128274BS

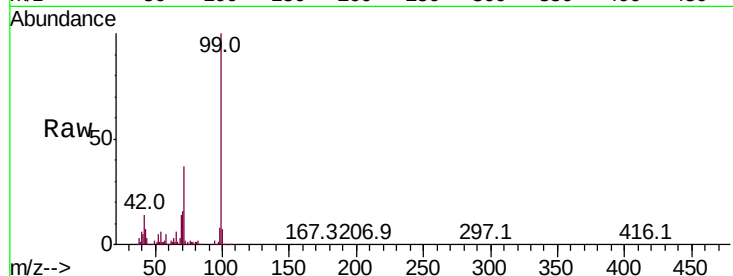
Tot Ion: 99 Resp: 843282

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

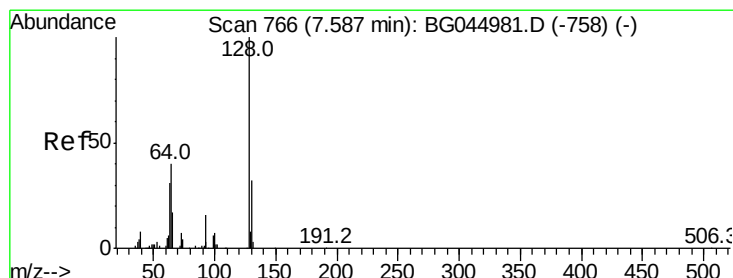
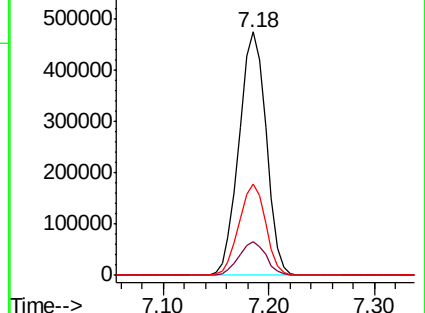
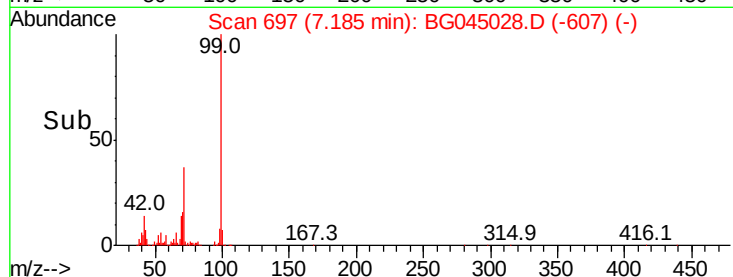
71 37.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.208 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

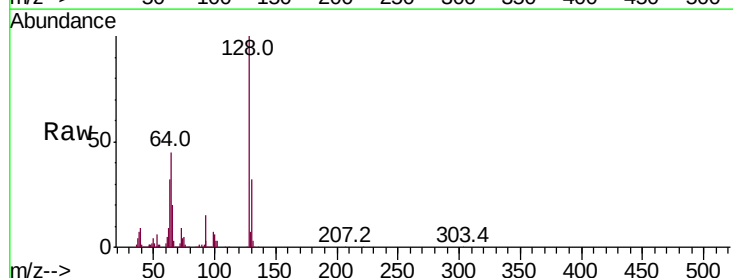
Tgt Ion: 128 Resp: 226579

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

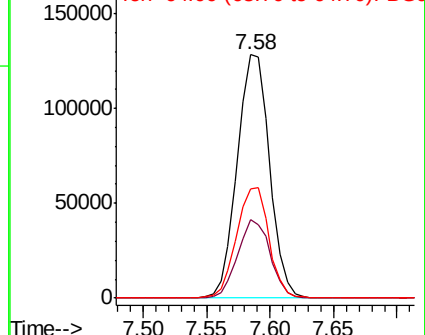
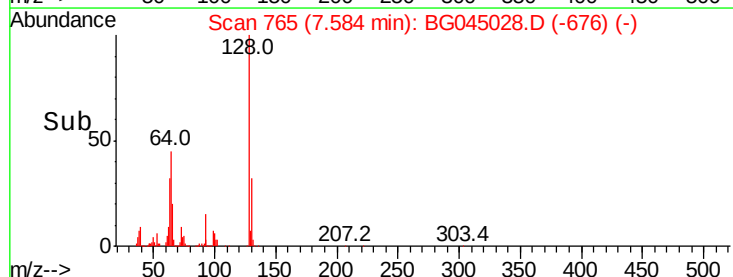
64 44.7 24.4 64.4

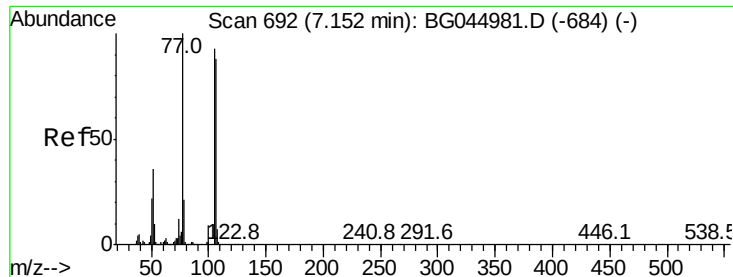


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.284 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

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Acq: 17 Apr 2020 11:50

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ClientSampleId :

PB128274BS

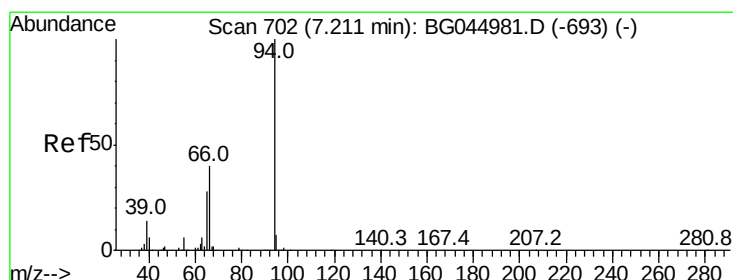
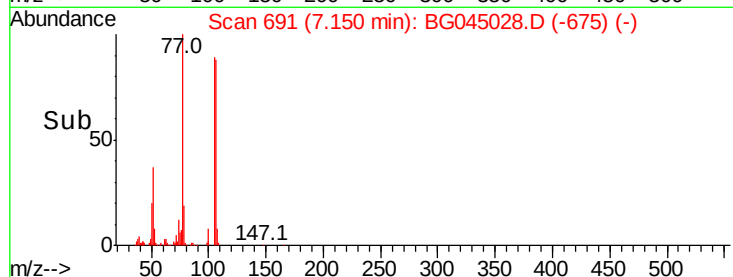
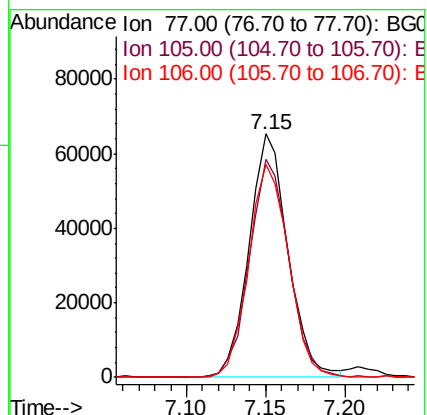
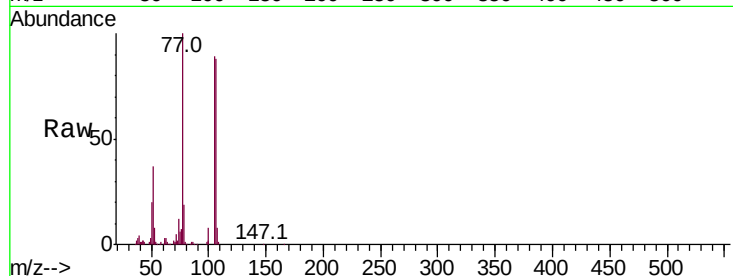
Tot Ion: 77 Resp: 111705

Ion Ratio Lower Upper

77 100

105 89.4 72.9 112.9

106 87.6 67.6 107.6



#10

Phenol

Concen: 54.451 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

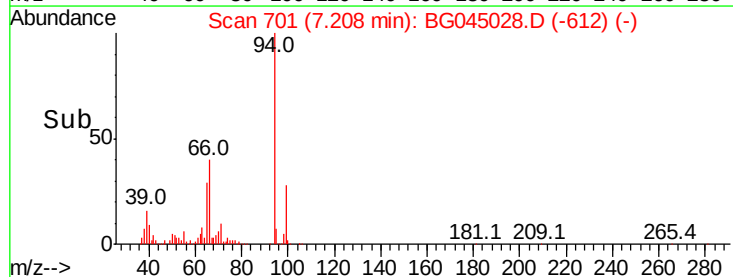
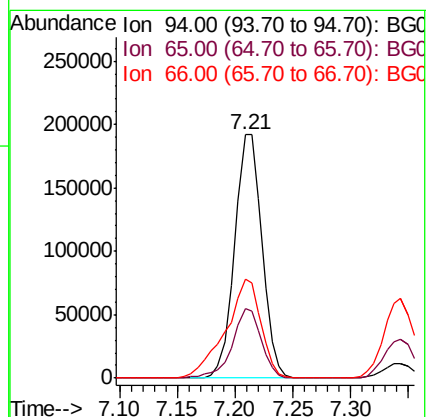
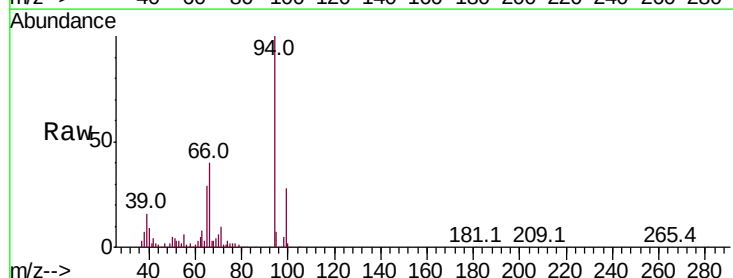
Tgt Ion: 94 Resp: 314850

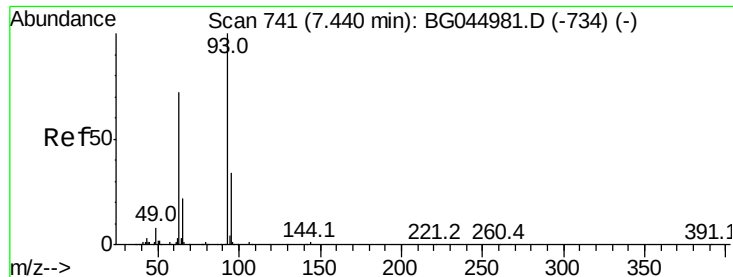
Ion Ratio Lower Upper

94 100

65 28.8 8.2 48.2

66 40.5 20.4 60.4

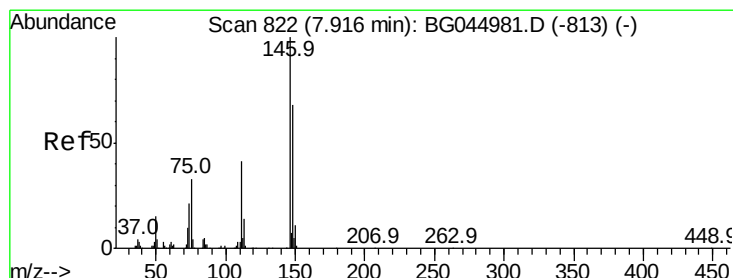
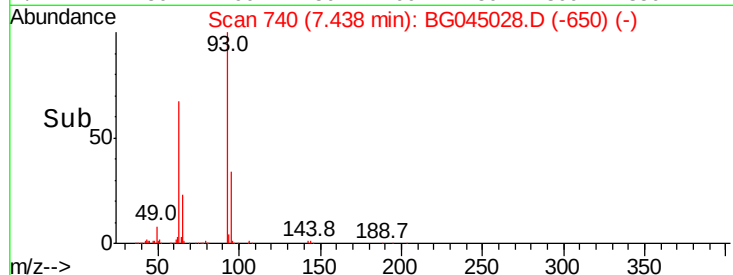
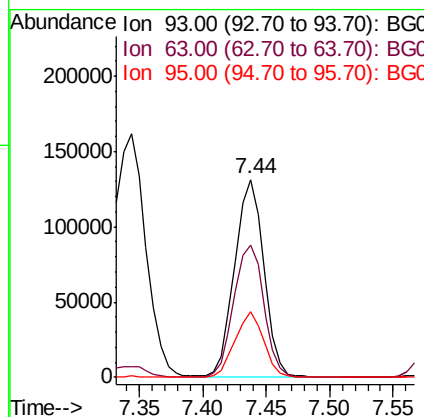
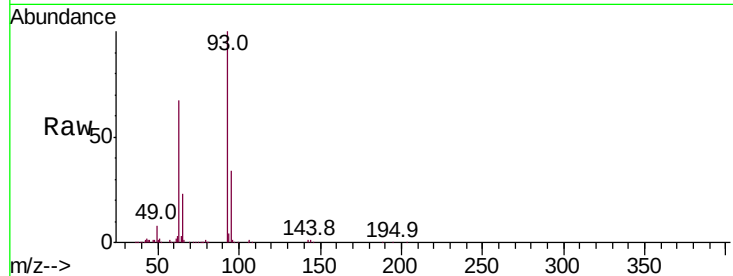




#11
bis(2-Chloroethyl)ether
Concen: 45.833 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

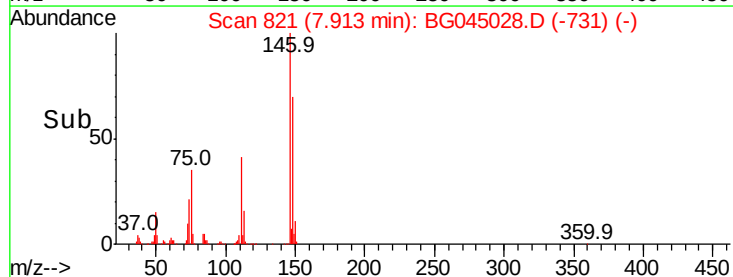
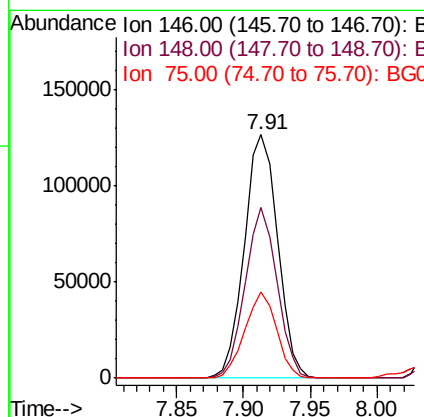
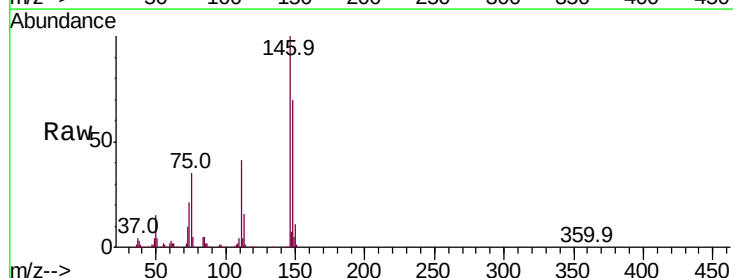
Instrument :
BNA_G
ClientSampleId :
PB128274BS

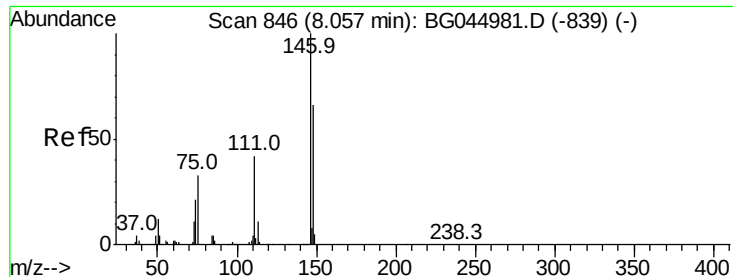
Tot Ion: 93 Resp: 211001
Ion Ratio Lower Upper
93 100
63 66.9 51.8 91.8
95 33.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 44.228 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion: 146 Resp: 217839
Ion Ratio Lower Upper
146 100
148 69.9 54.6 81.8
75 35.4 26.0 39.0

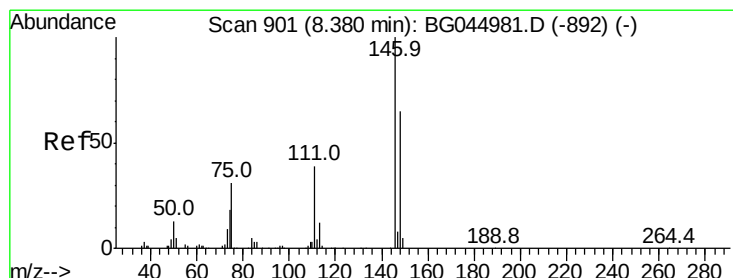
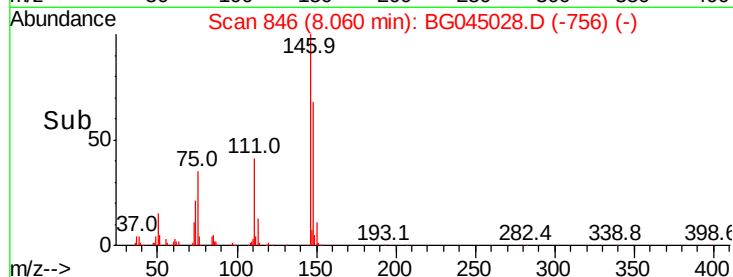
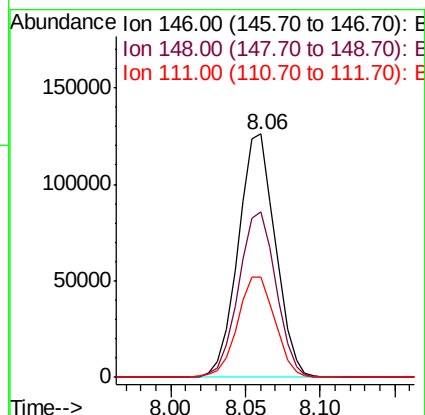
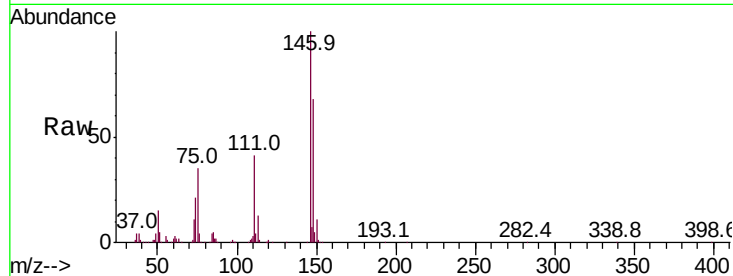




#13
 1,4-Dichlorobenzene
 Concen: 44.227 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

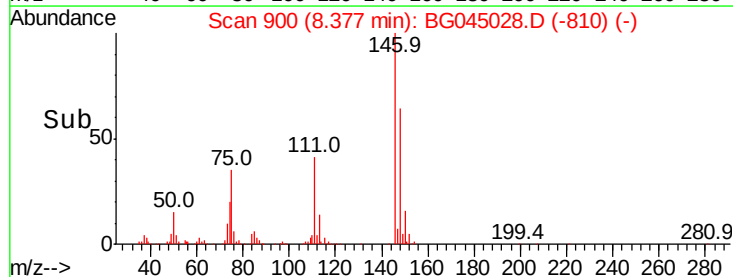
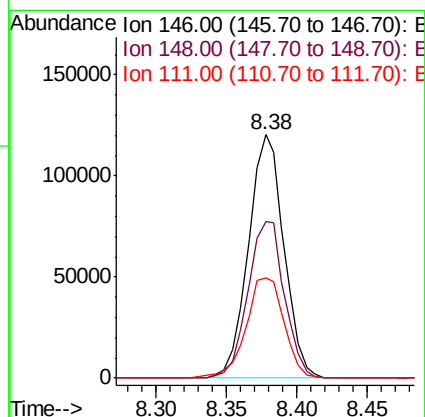
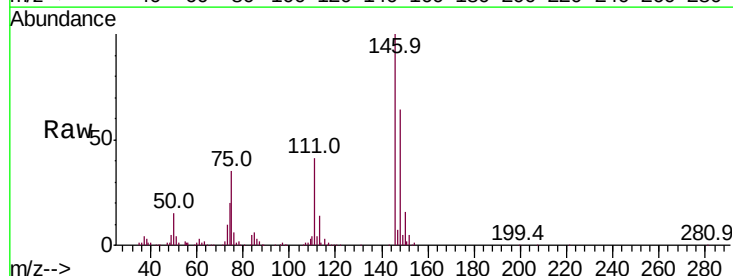
Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

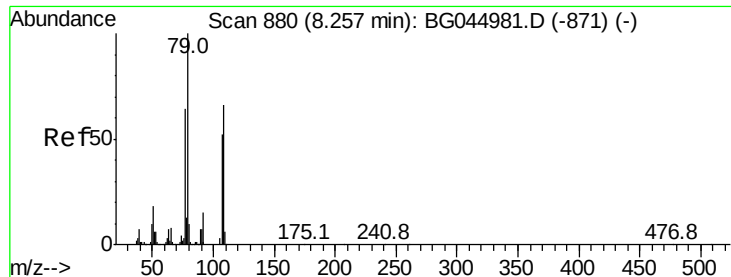
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.3	79.9
111	41.2	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.029 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	41.3	31.3	46.9

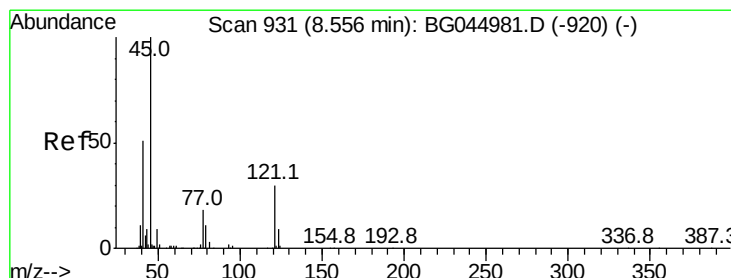
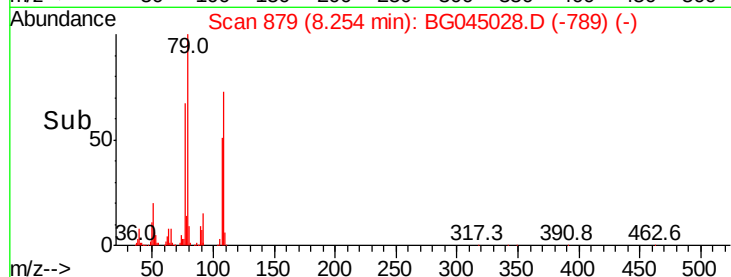
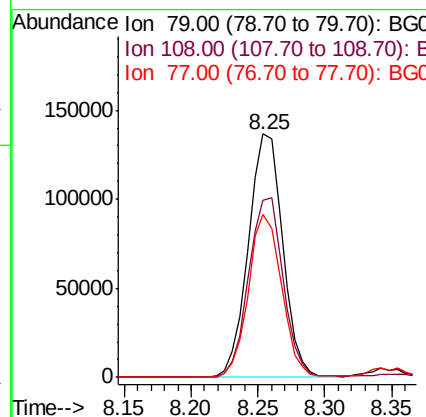
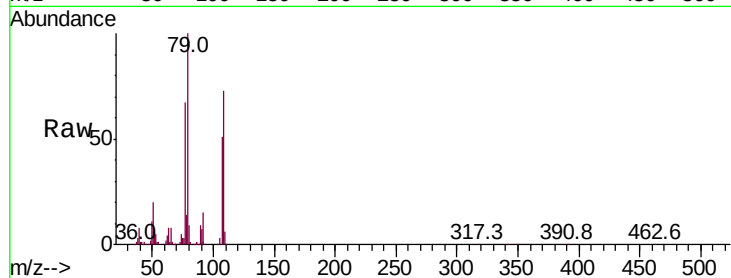




#15
Benzyl Alcohol
Concen: 49.972 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

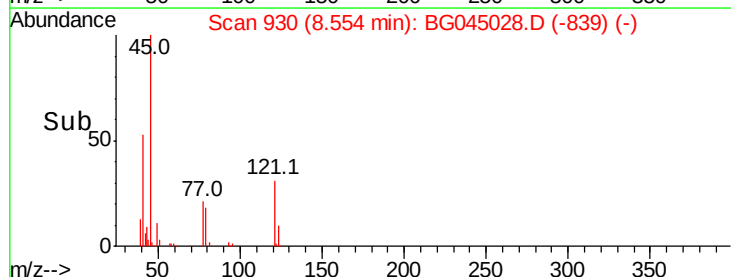
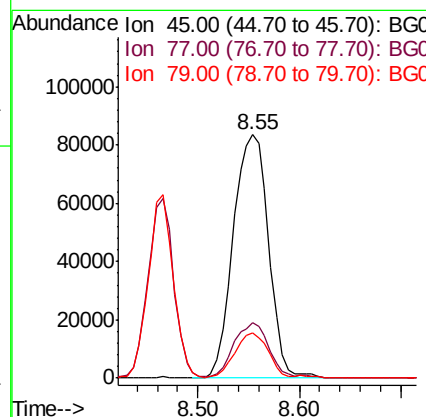
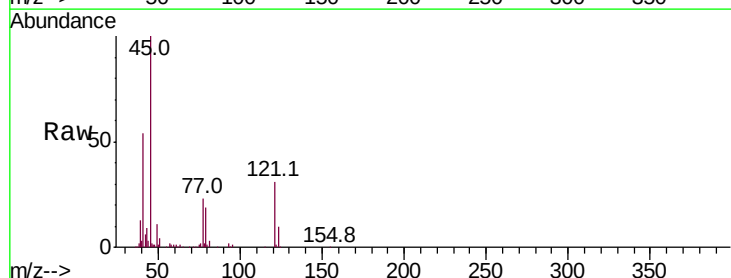
Instrument :
BNA_G
ClientSampleId :
PB128274BS

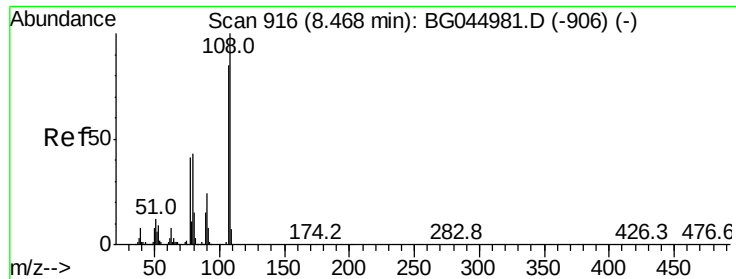
Tot Ion: 79 Resp: 242095
Ion Ratio Lower Upper
79 100
108 72.5 52.7 79.1
77 66.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.379 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion: 45 Resp: 200556
Ion Ratio Lower Upper
45 100
77 23.0 1.9 41.9
79 18.8 0.0 35.5





#17

2-Methylphenol

Concen: 49.399 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

Tot Ion:107 Resp: 220382

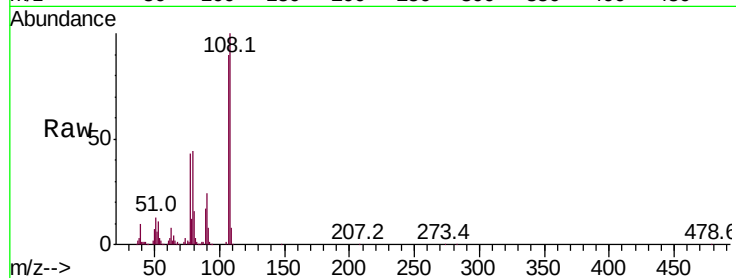
Ion Ratio Lower Upper

107 100

108 111.7 93.8 140.6

77 47.6 38.5 57.7

79 48.8 40.1 60.1

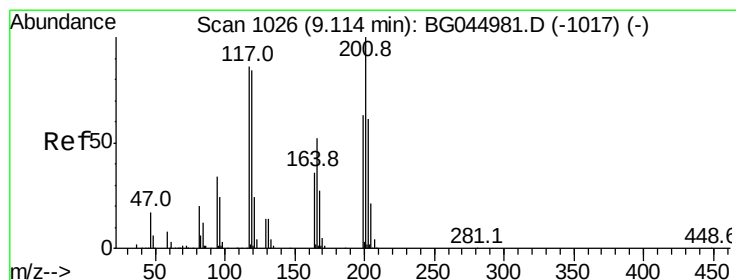
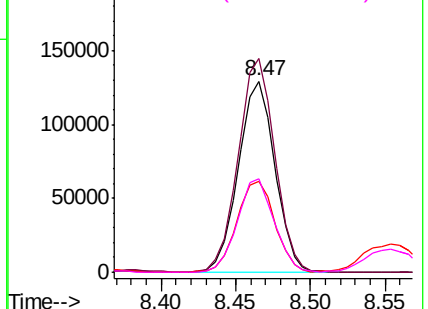
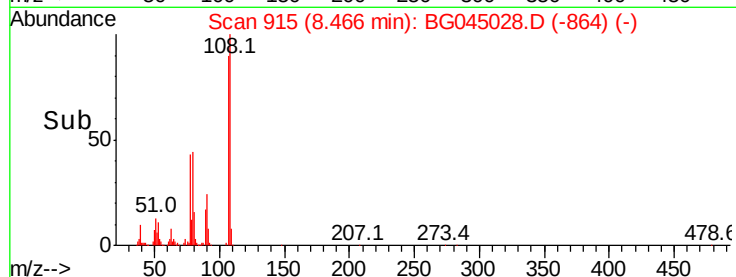


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 79.00 (78.70 to 79.70): BG0



#18

Hexachloroethane

Concen: 45.733 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

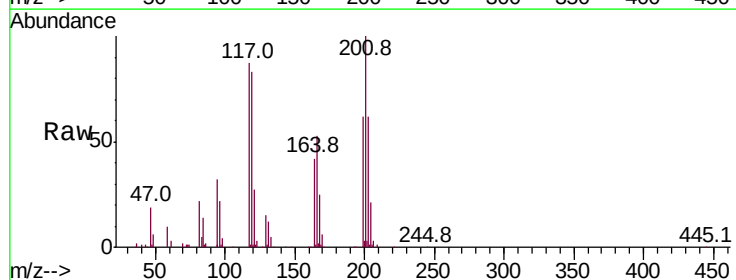
Tgt Ion:117 Resp: 84377

Ion Ratio Lower Upper

117 100

119 95.8 78.3 117.5

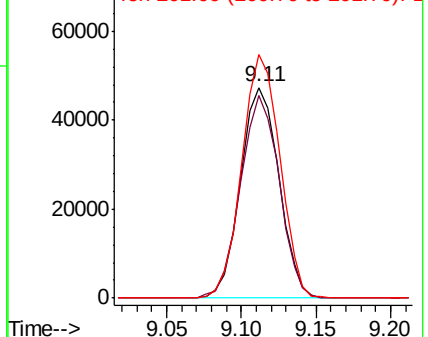
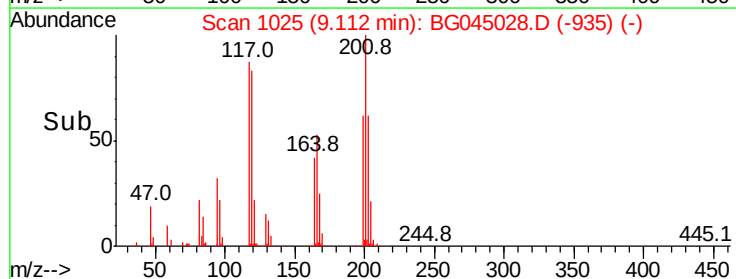
201 115.5 92.9 139.3

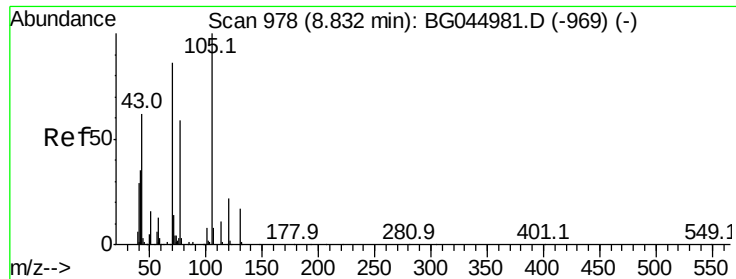


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 50.262 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

Tot Ion: 70 Resp: 205394

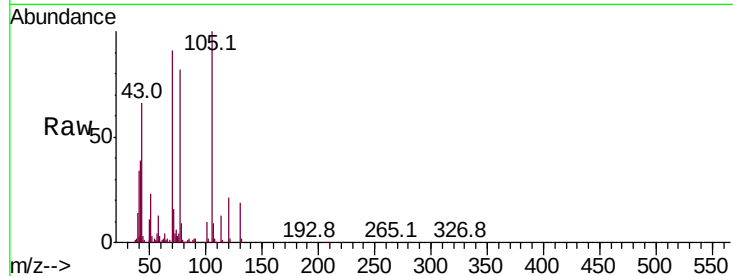
Ion Ratio Lower Upper

70 100

42 43.0 33.3 49.9

101 11.4 7.8 11.8

130 20.6 15.8 23.6

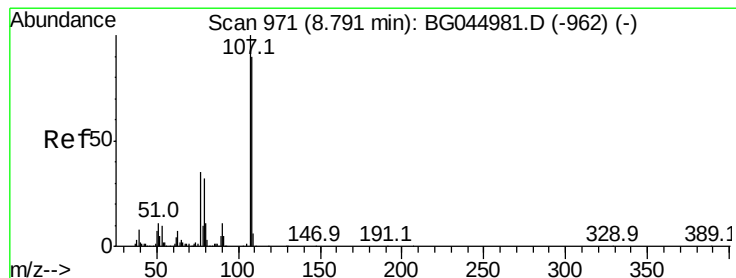
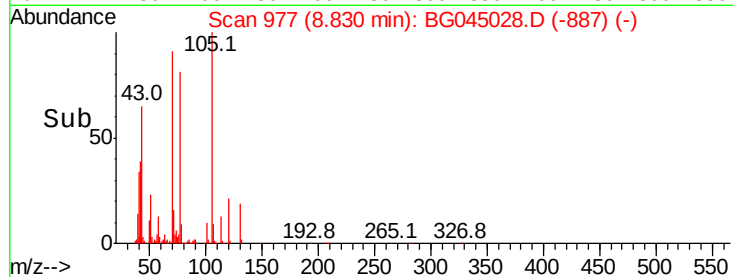
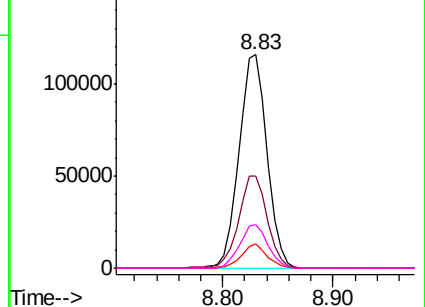


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 50.117 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:107 Resp: 312954

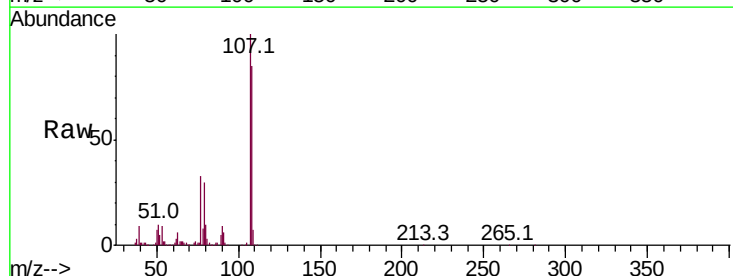
Ion Ratio Lower Upper

107 100

108 85.2 69.9 109.9

77 33.1 15.2 55.2

79 29.8 11.6 51.6

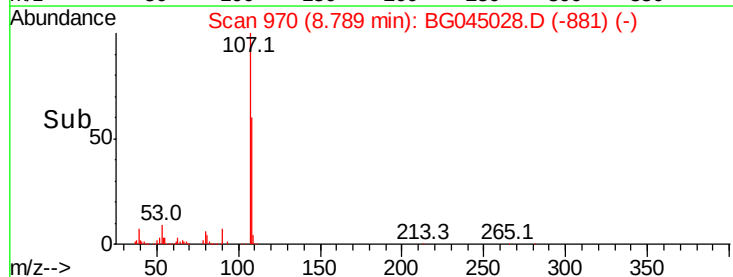
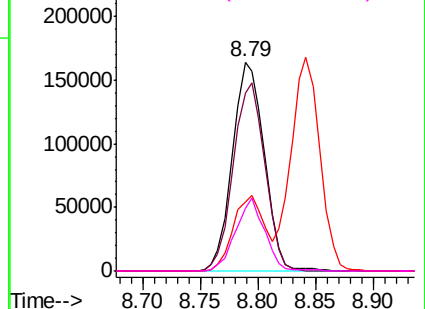


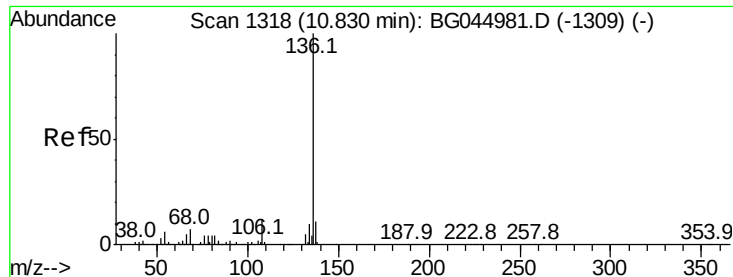
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

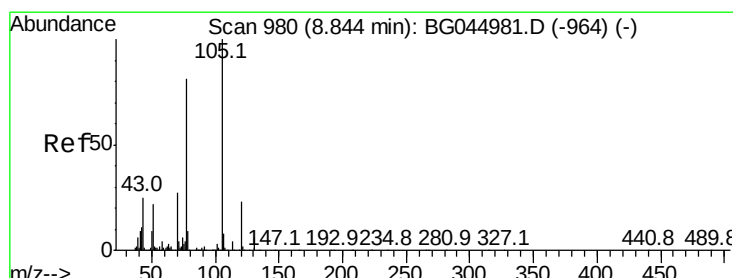
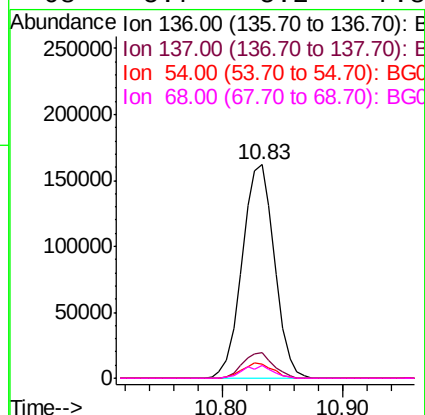
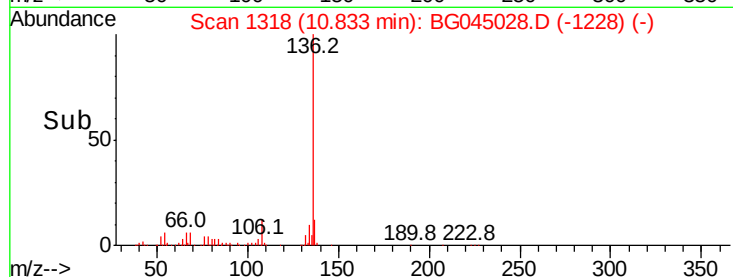
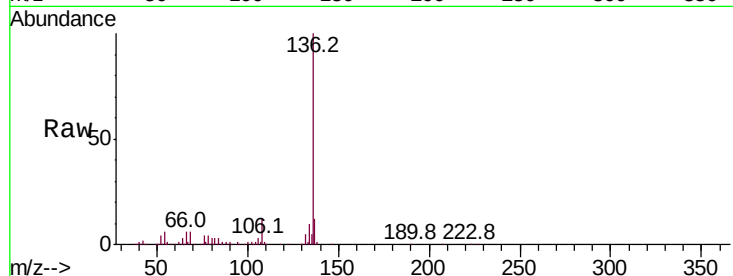




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

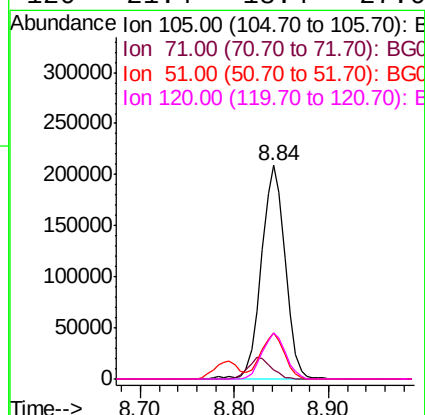
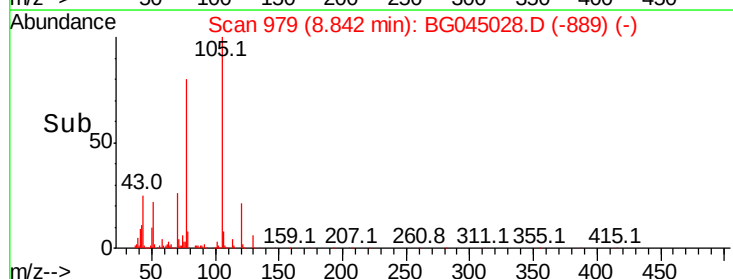
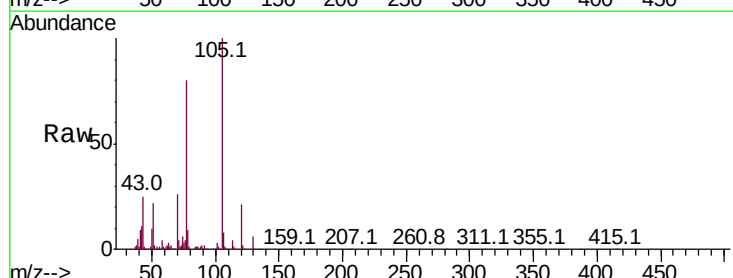
Instrument :
BNA_G
ClientSampleId :
PB128274BS

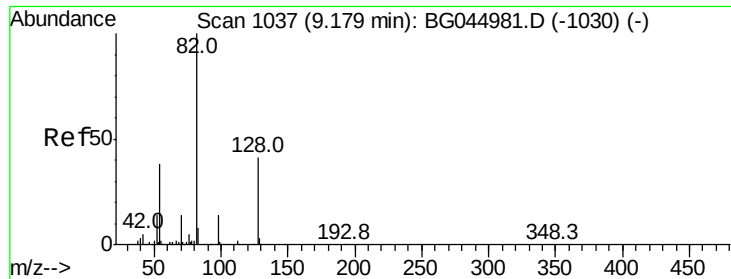
Tot Ion:136	Resp:	301284
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.6 13.0
54	6.5	4.8 7.2
68	5.7	5.2 7.8



#22
Acetophenone
Concen: 44.793 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:105	Resp:	364952
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.3 4.9
51	21.7	17.3 25.9
120	21.4	18.4 27.6

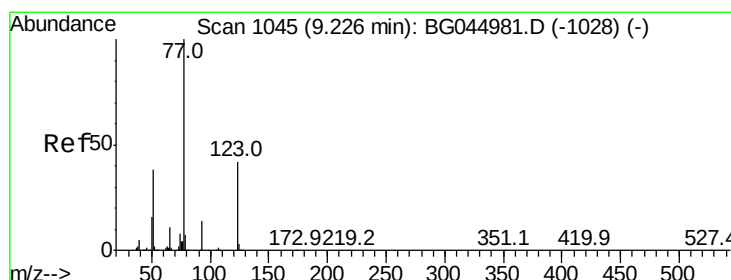
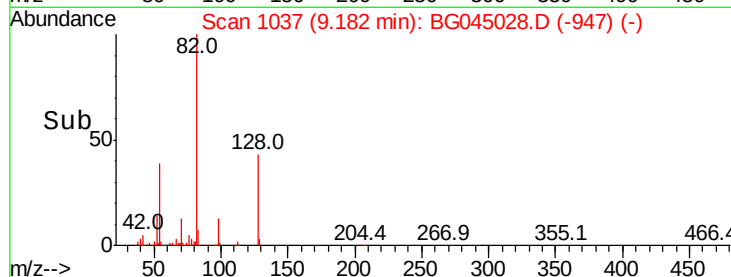
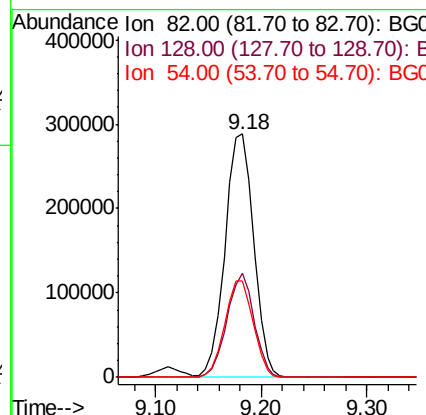
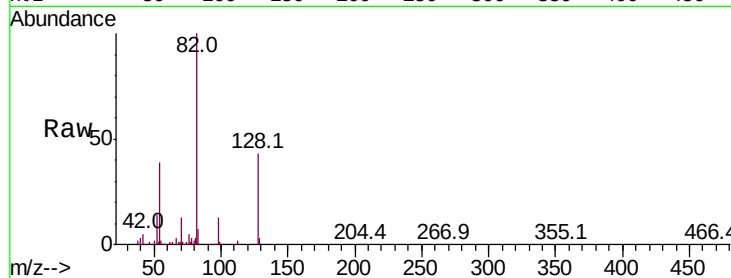




#23
 Nitrobenzene-d5
 Concen: 82.184 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

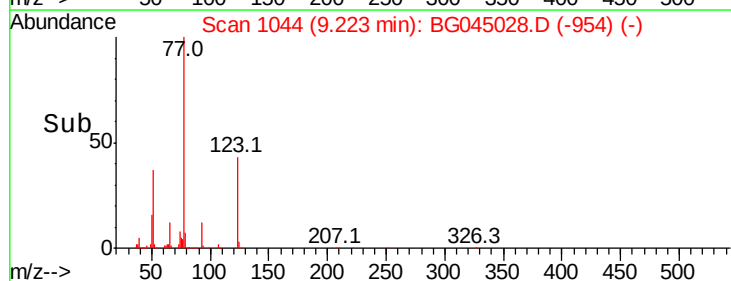
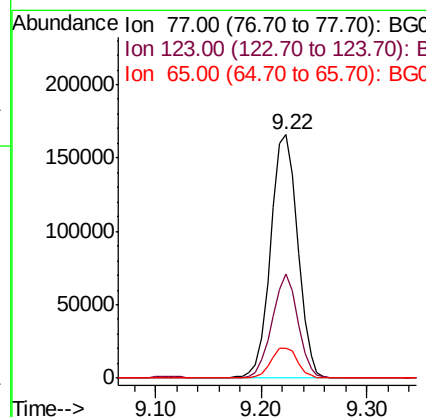
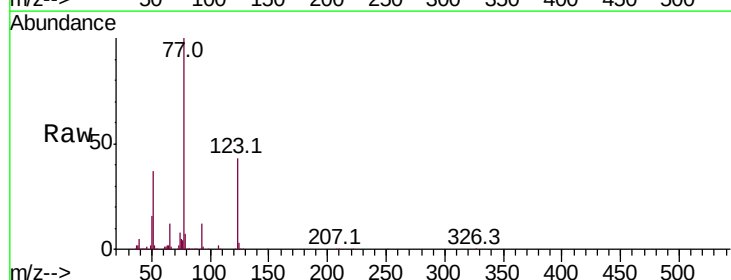
Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

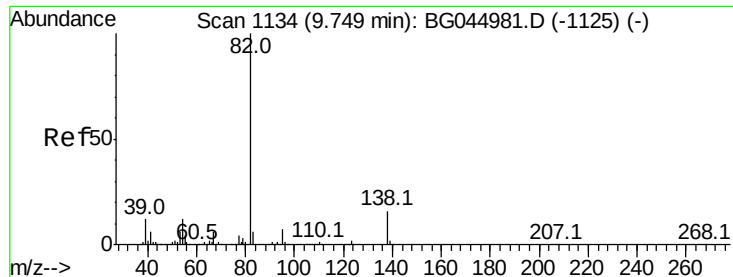
Tot Ion	82	Resp	542658
Ion Ratio	Lower	Upper	
82	100		
128	43.0	33.0	49.4
54	39.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 43.617 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion	77	Resp	295209
Ion Ratio	Lower	Upper	
77	100		
123	42.7	34.3	51.5
65	12.4	8.9	13.3





#25

Isophorone

Concen: 43.672 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

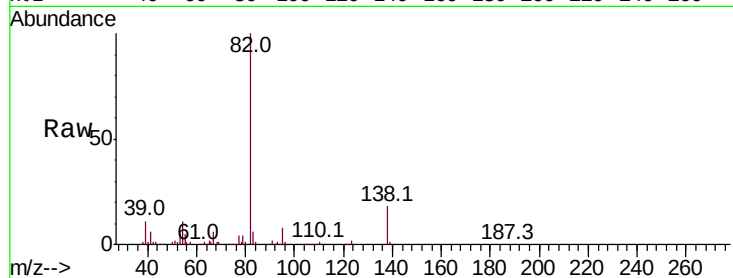
Tot Ion: 82 Resp: 590526

Ion Ratio Lower Upper

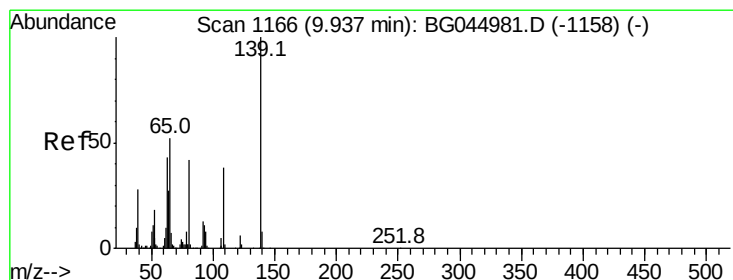
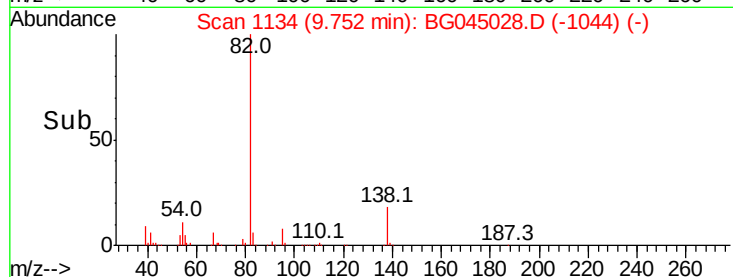
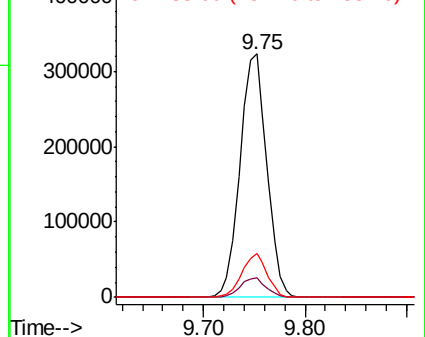
82 100

95 7.9 6.0 9.0

138 17.8 12.7 19.1



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



#26

2-Nitrophenol

Concen: 47.338 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

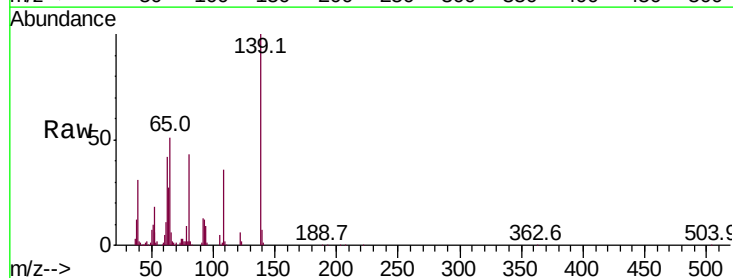
Tgt Ion: 139 Resp: 138008

Ion Ratio Lower Upper

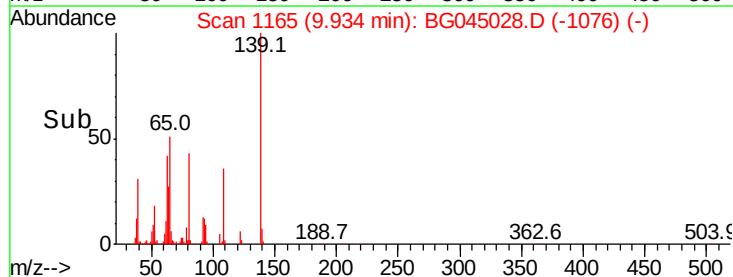
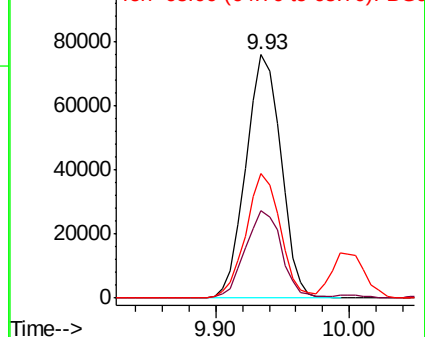
139 100

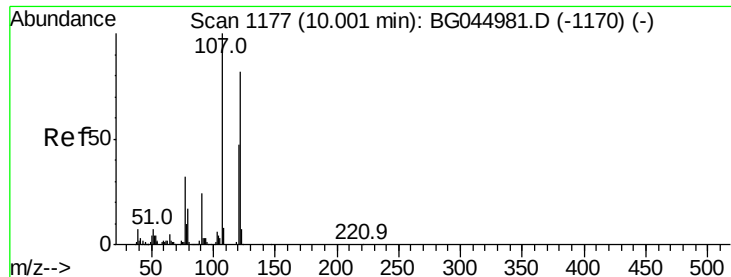
109 36.2 30.6 45.8

65 51.3 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

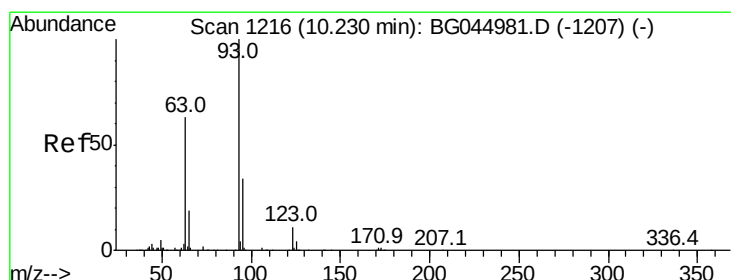
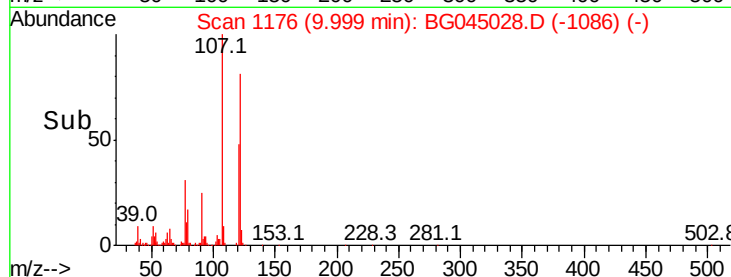
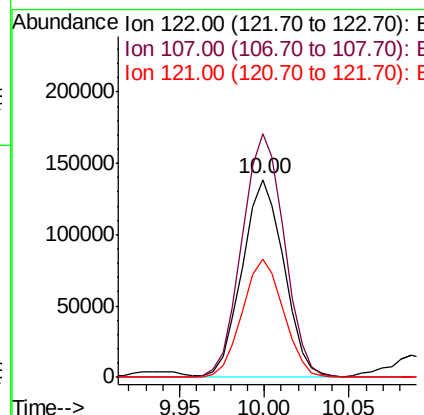
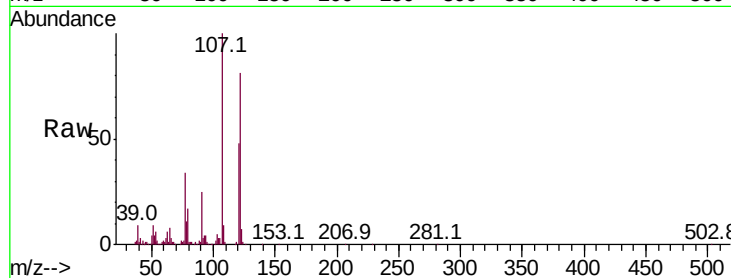




#27
2,4-Dimethylphenol
Concen: 51.195 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

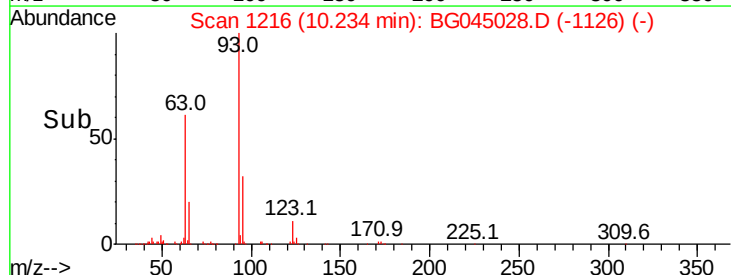
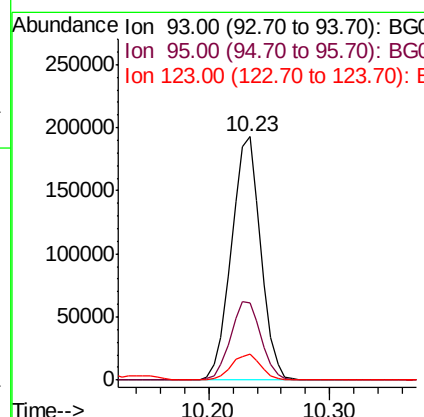
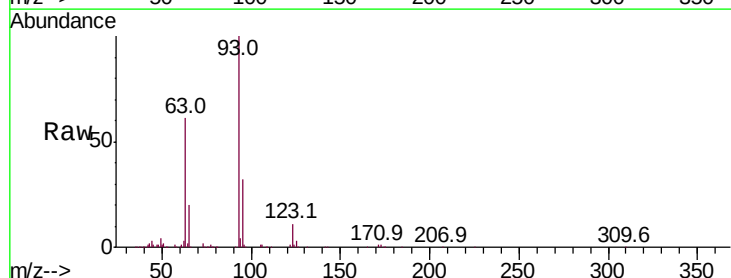
Instrument :
BNA_G
ClientSampleId :
PB128274BS

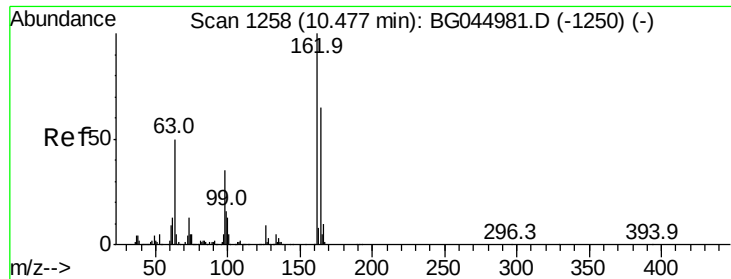
Tot Ion:122 Resp: 236825
Ion Ratio Lower Upper
122 100
107 123.0 96.8 145.2
121 59.6 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.732 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion: 93 Resp: 324908
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.4
123 10.8 8.7 13.1

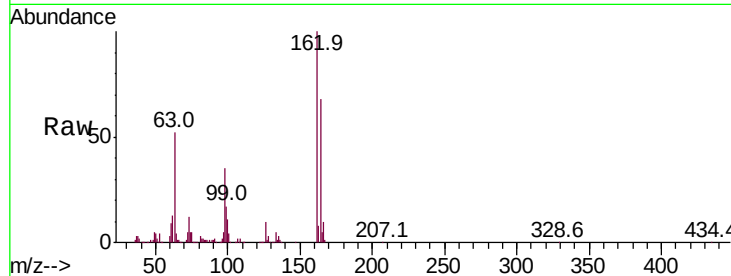




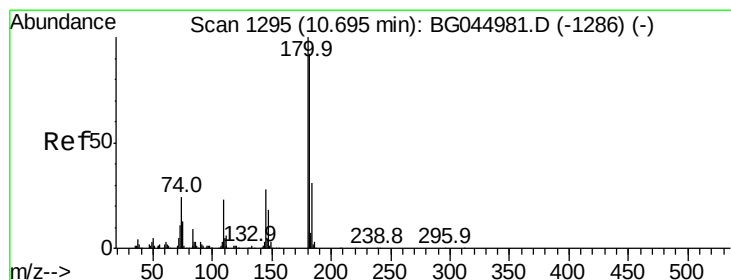
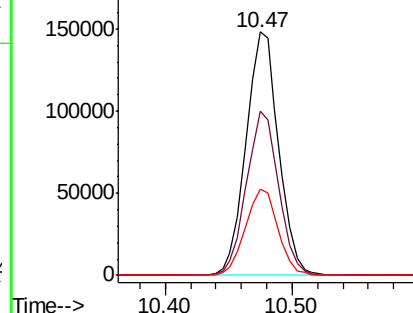
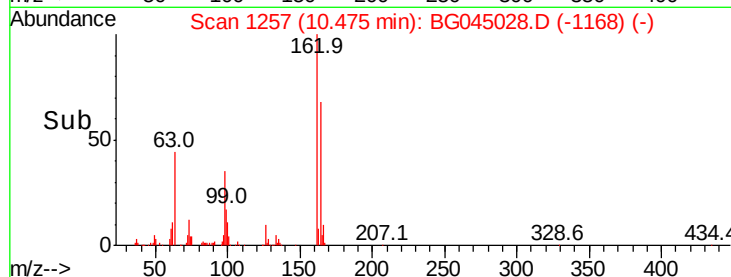
#29
 2,4-Dichlorophenol
 Concen: 49.510 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	45.0	85.0
98	35.5	15.2	55.2

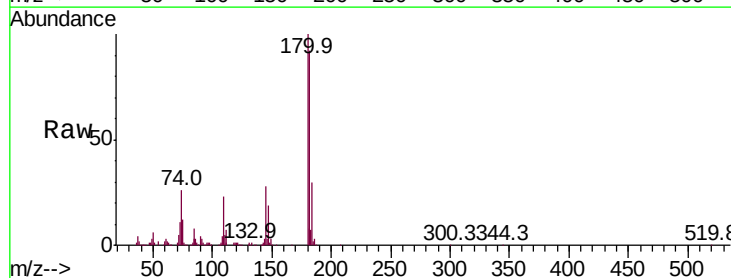


Abundance Ion 162.00 (161.70 to 162.70): E
 200000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

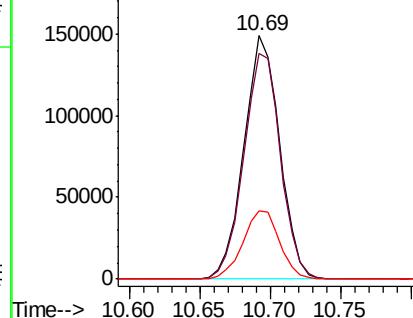
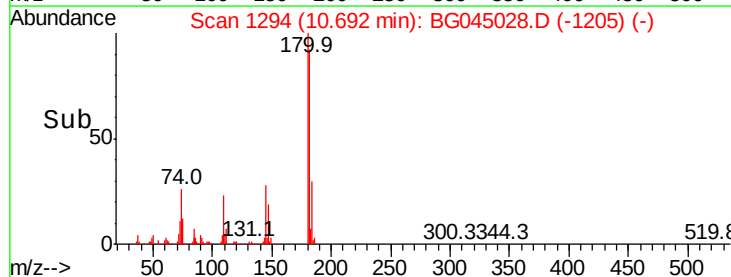


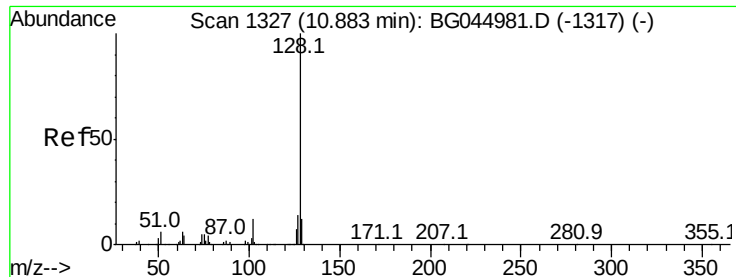
#30
 1,2,4-Trichlorobenzene
 Concen: 43.483 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	73.3	109.9
145	28.0	22.6	33.8



Abundance Ion 180.00 (179.70 to 180.70): E
 200000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

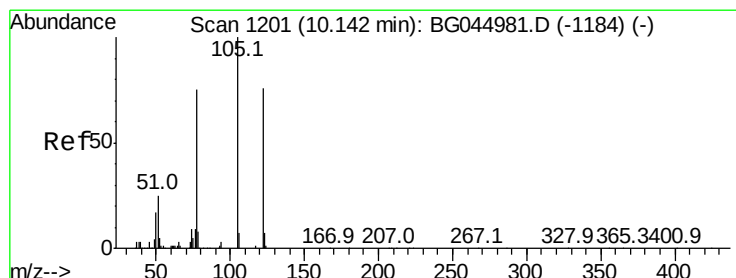
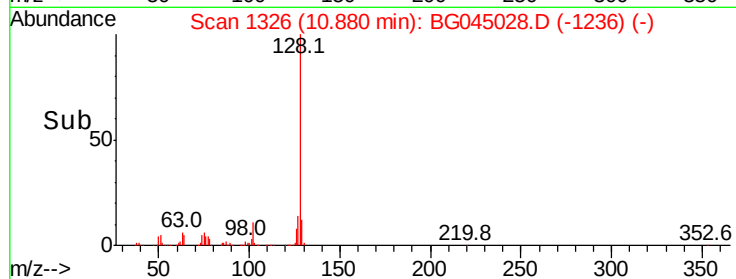
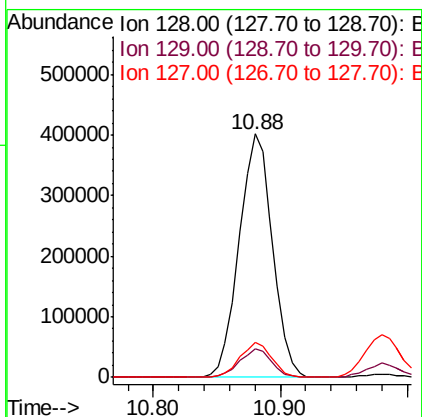
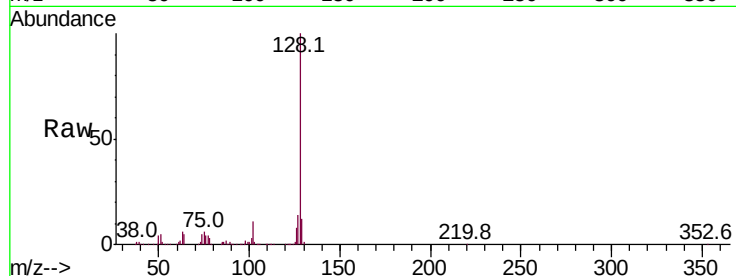




#31
Naphthalene
Concen: 44.257 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

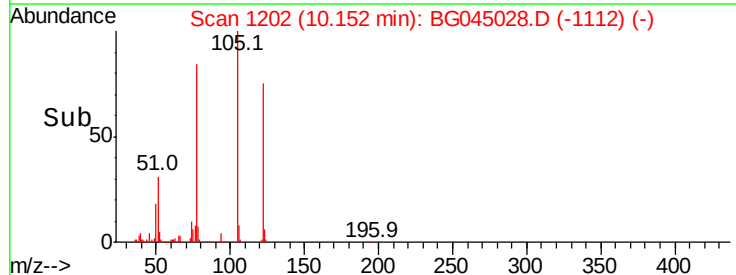
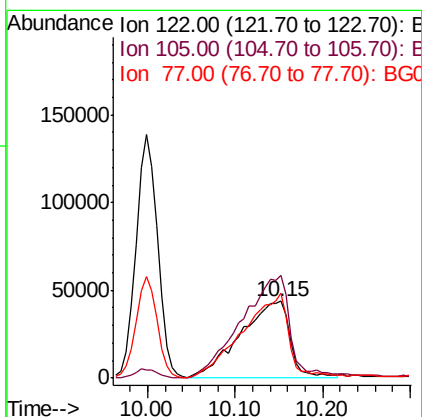
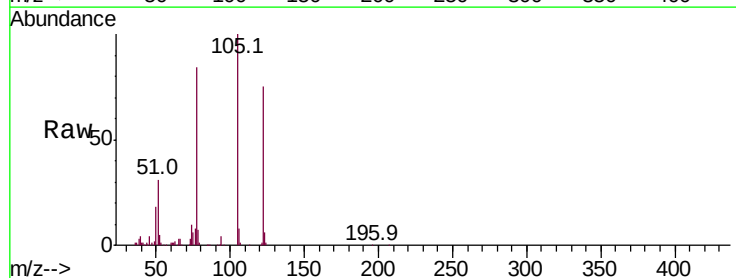
Instrument :
BNA_G
ClientSampleId :
PB128274BS

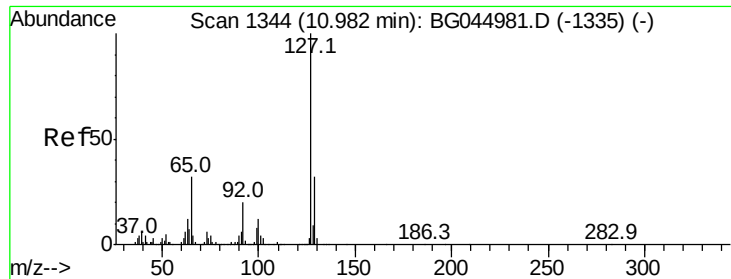
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.2	10.8	16.2



#32
Benzoic acid
Concen: 45.203 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	108.4	148.4
77	111.3	78.8	118.8

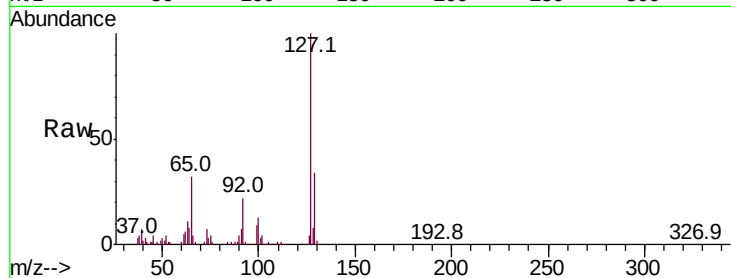




#33
4-Chloroaniline
Concen: 17.974 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB128274BS

Tot Ion:	127	Resp:	138158
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.7	38.5
65	32.4	25.4	38.2
92	21.7	16.1	24.1



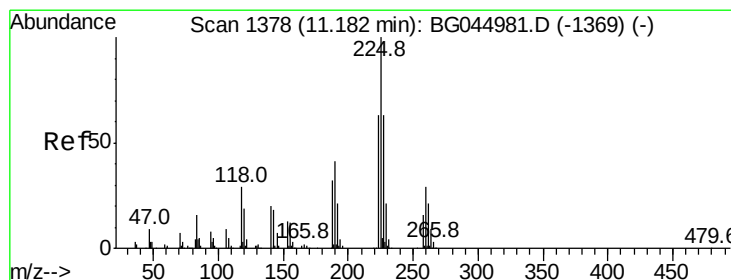
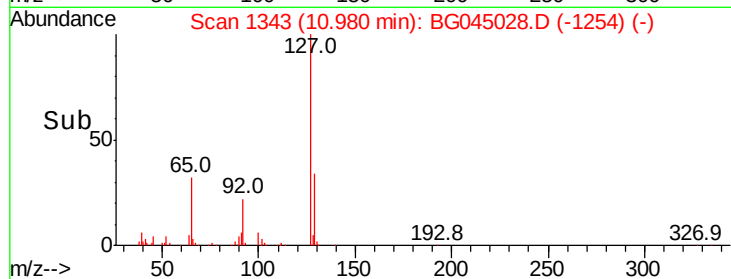
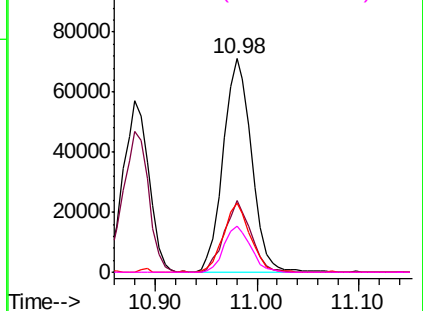
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

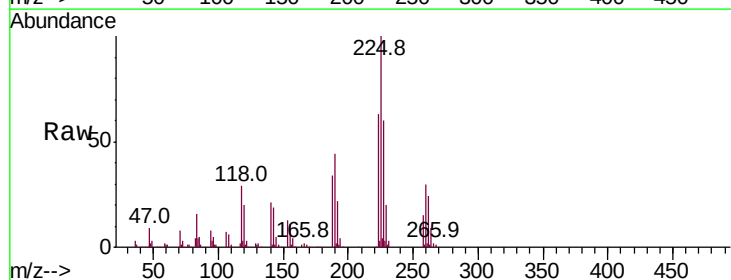
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.671 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:	225	Resp:	168639
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	60.4	50.2	75.2

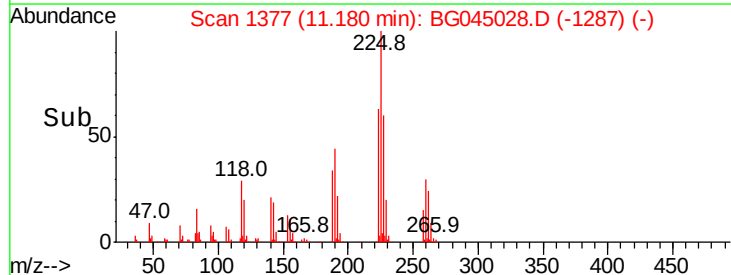
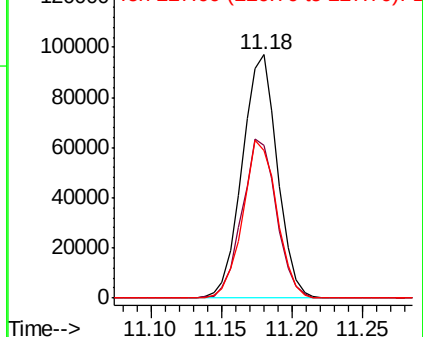


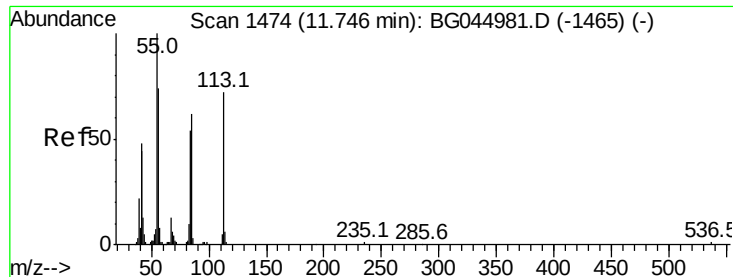
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.108 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

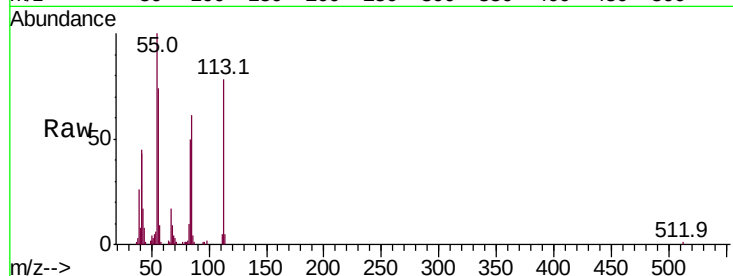
Tot Ion:113 Resp: 49124

Ion Ratio Lower Upper

113 100

55 128.8 118.8 158.8

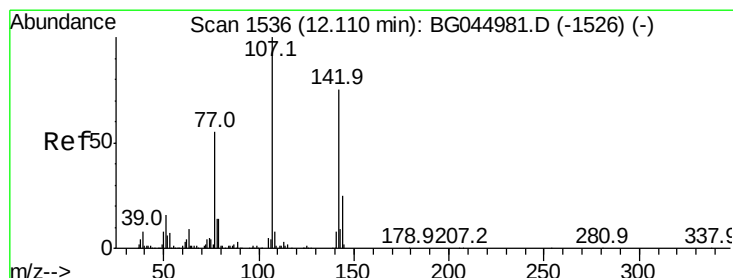
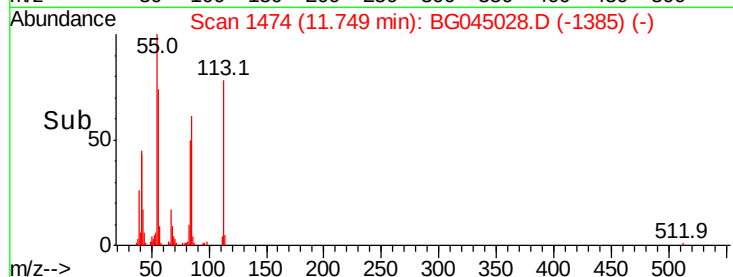
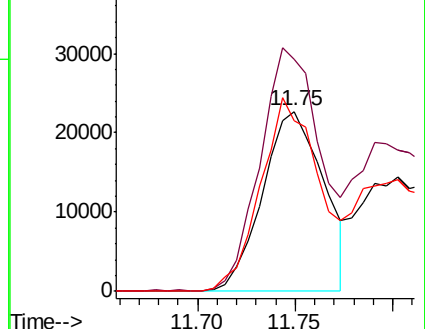
56 95.2 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.618 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

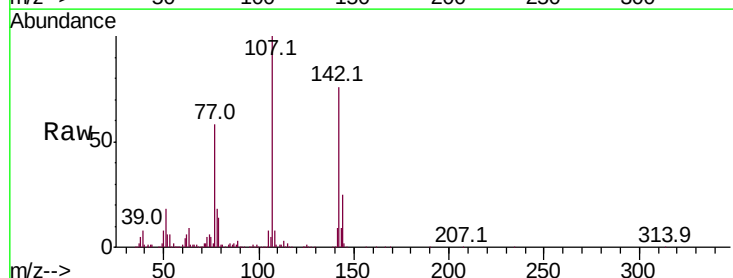
Tgt Ion:107 Resp: 311348

Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.6

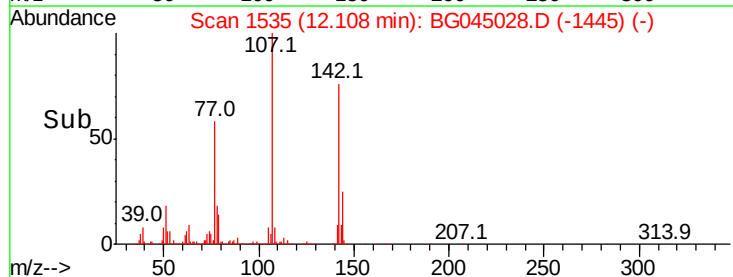
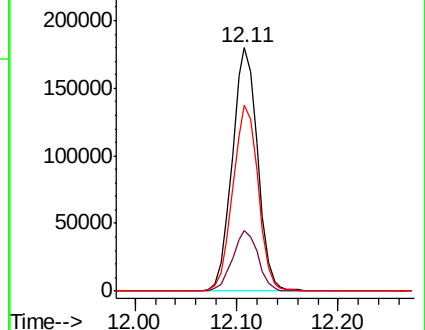
142 76.3 59.7 89.5

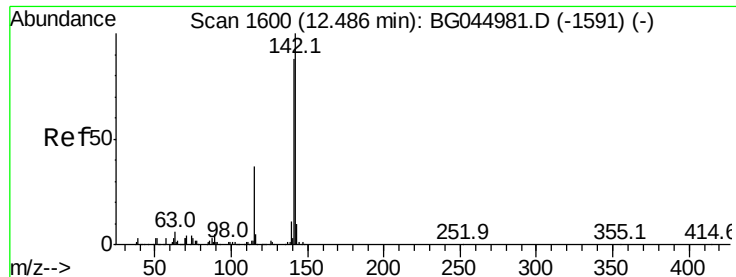


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

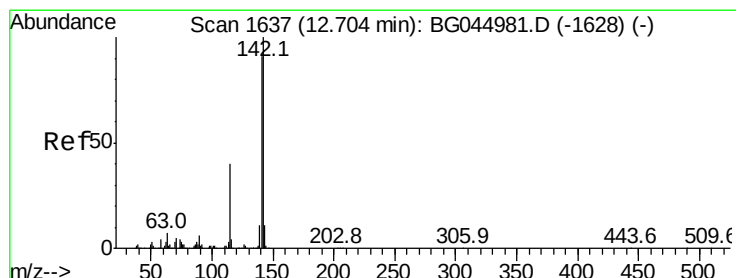
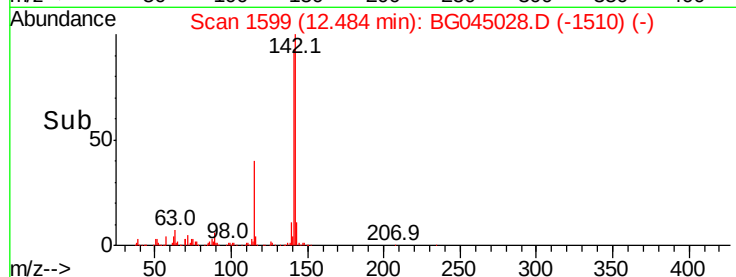
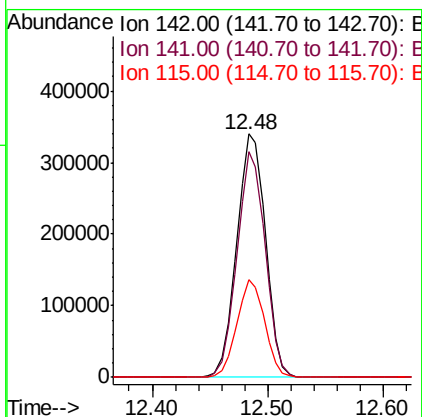
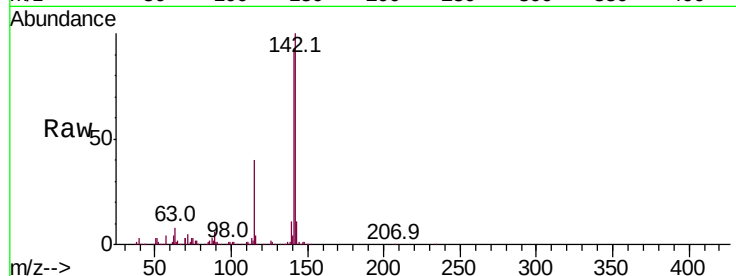




#37
2-Methylnaphthalene
Concen: 45.857 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

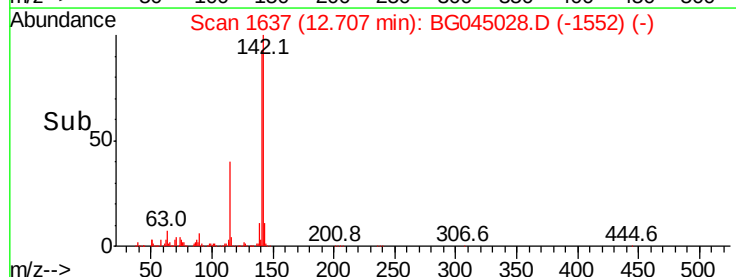
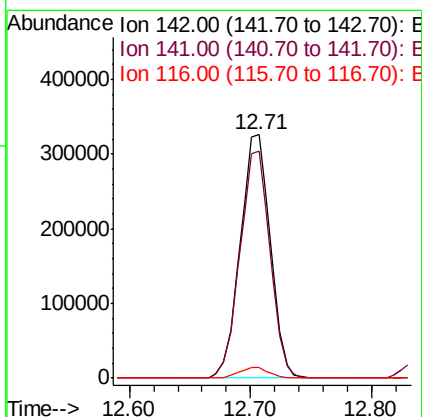
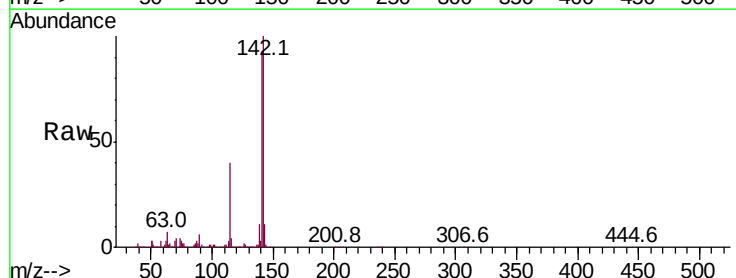
Instrument :
BNA_G
ClientSampleId :
PB128274BS

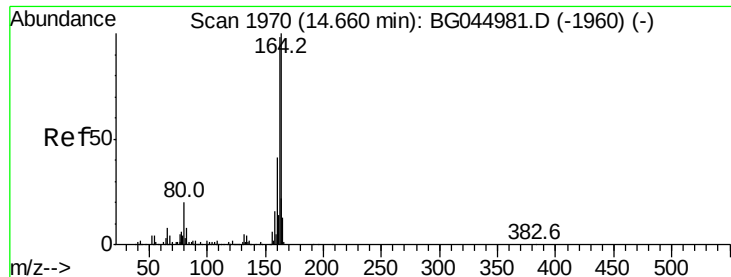
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.3	105.5
115	40.3	29.8	44.6



#38
1-Methylnaphthalene
Concen: 46.857 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

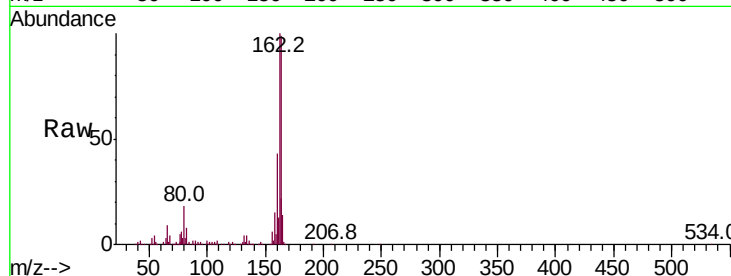
Tot Ion:164 Resp: 239128

Ion Ratio Lower Upper

164 100

162 100.6 78.7 118.1

160 43.2 32.8 49.2

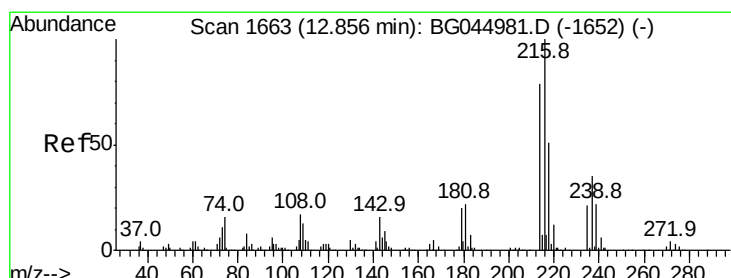
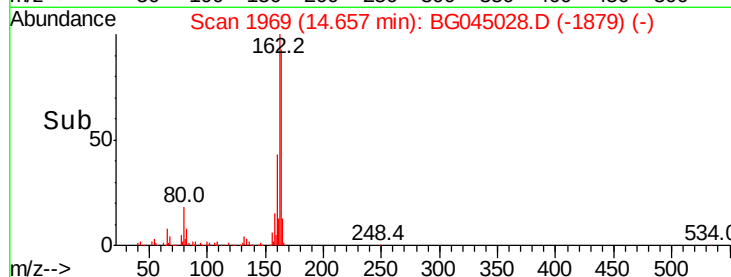
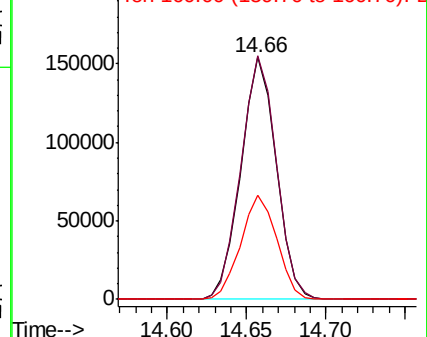


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.961 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:216 Resp: 323072

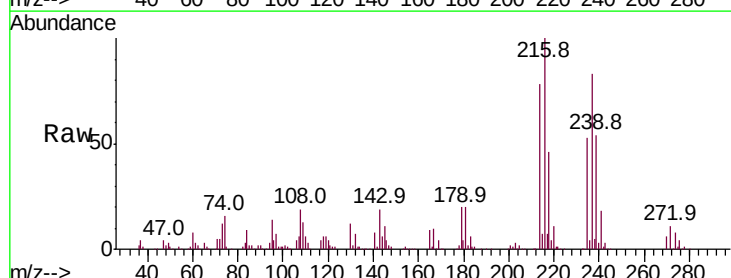
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.1 15.8 23.8

108 19.7 14.2 21.2



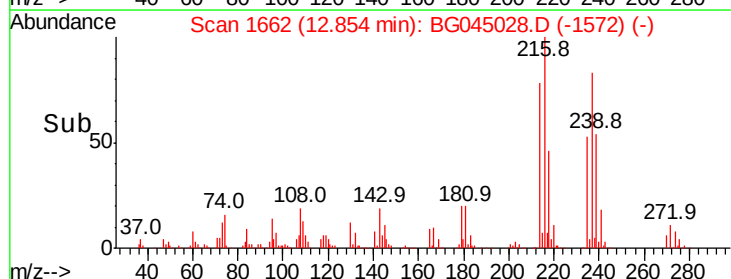
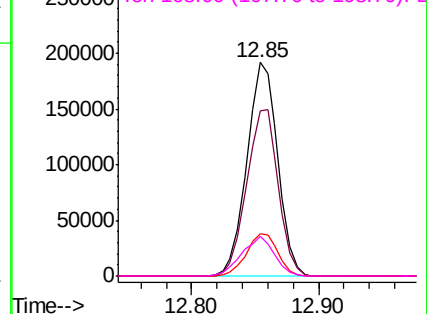
Abundance

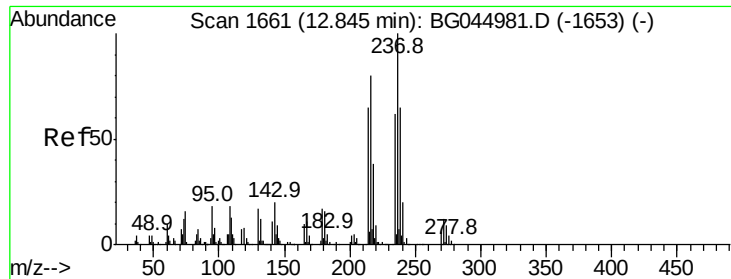
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.137 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

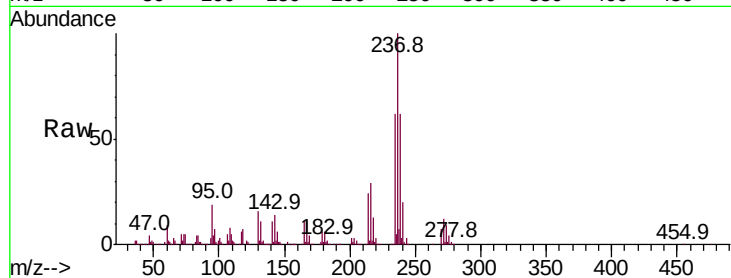
Tot Ion:237 Resp: 472250

Ion Ratio Lower Upper

237 100

235 62.1 41.6 81.6

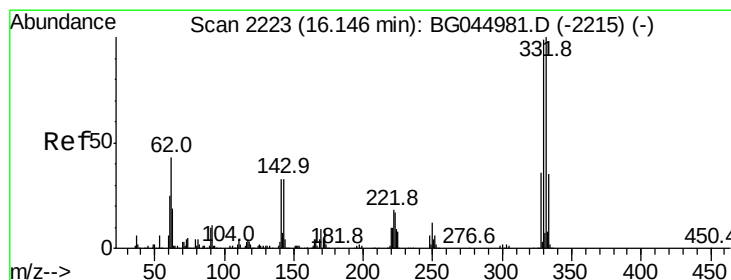
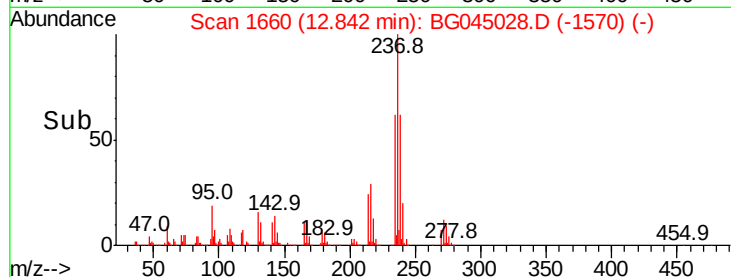
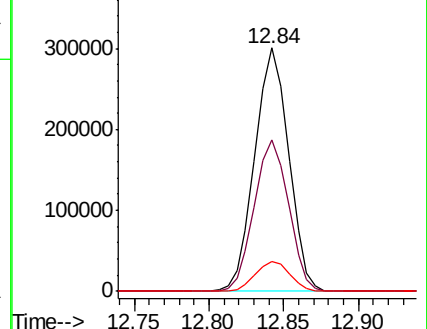
272 12.4 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.184 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

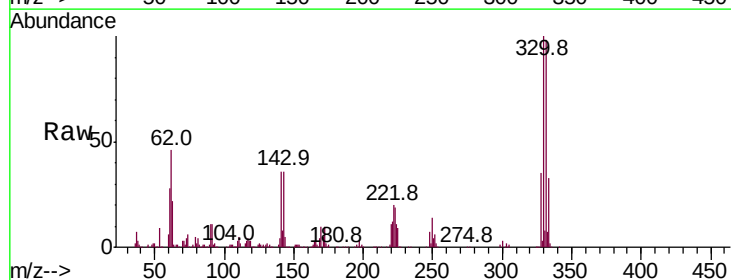
Tgt Ion:330 Resp: 462457

Ion Ratio Lower Upper

330 100

332 98.7 79.1 118.7

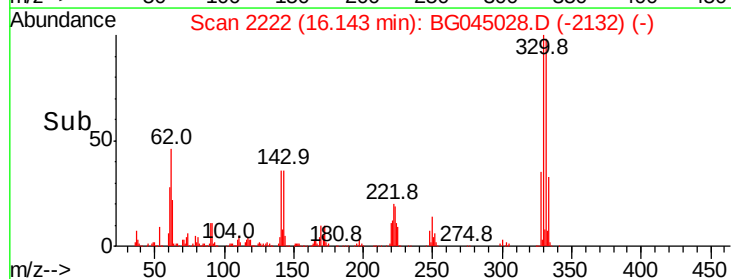
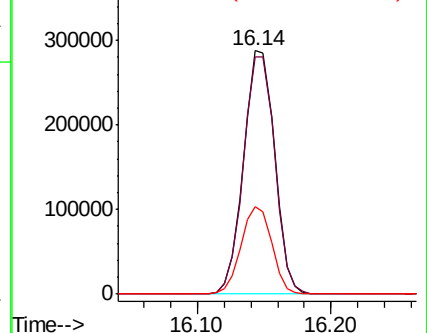
141 35.6 27.1 40.7

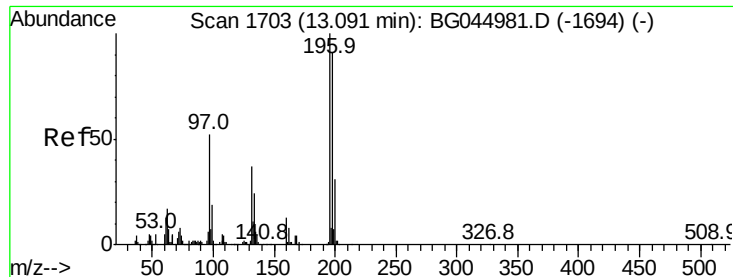


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

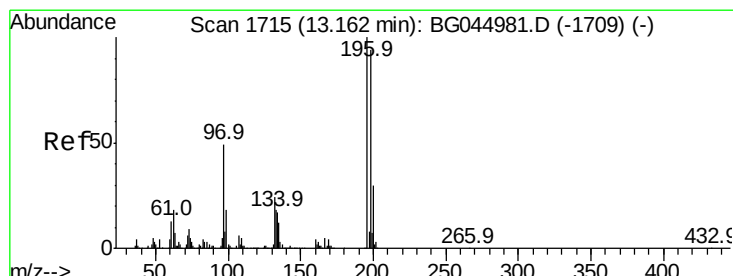
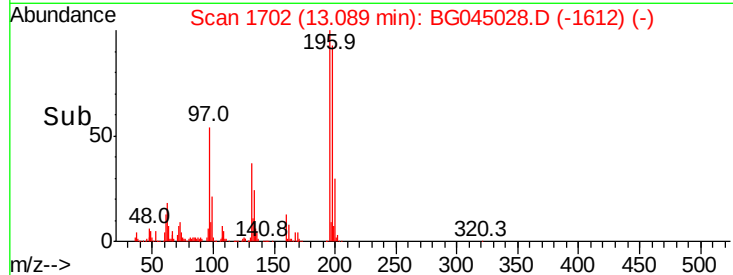
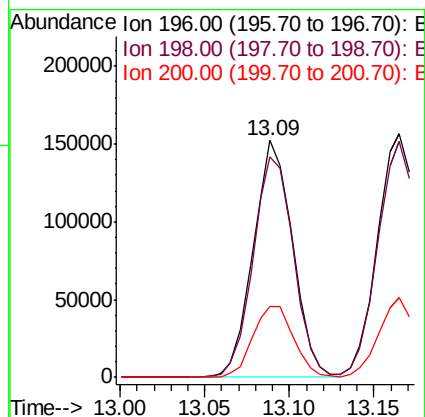
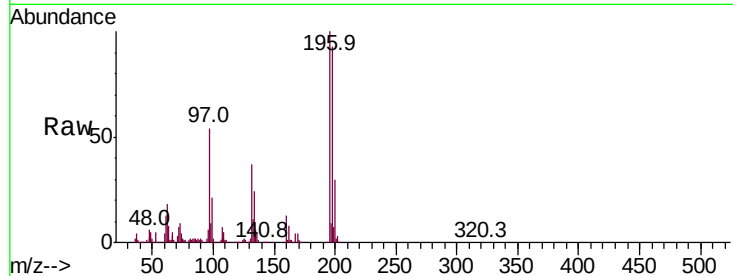




#43
 2,4,6-Trichlorophenol
 Concen: 45.313 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

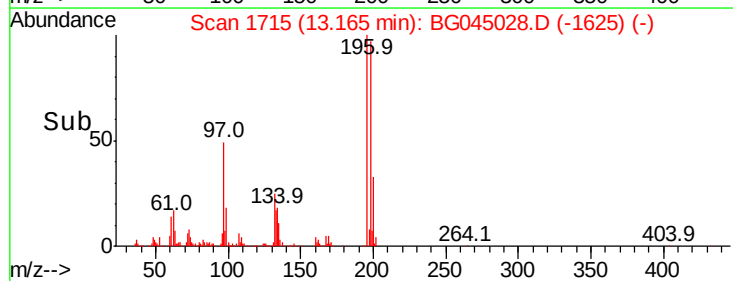
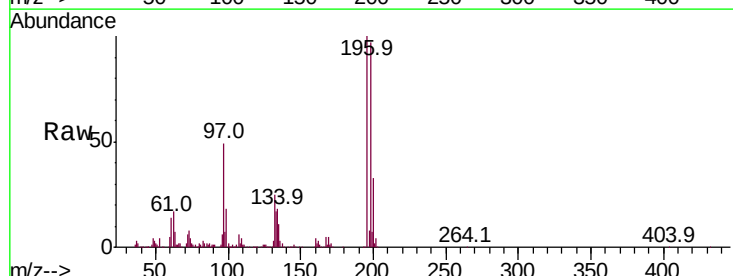
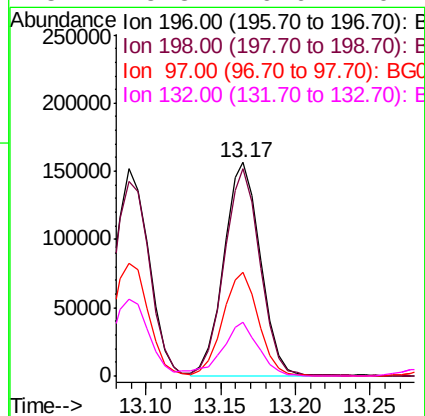
Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

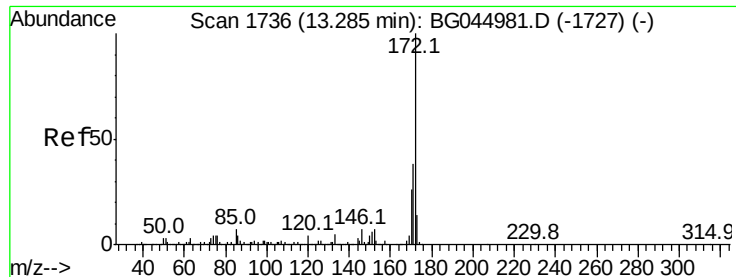
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	72.5	108.7
200	30.1	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 43.127 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	48.7	39.6	59.4
132	25.3	19.6	29.4

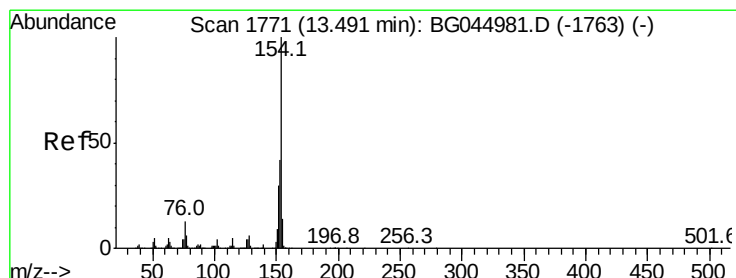
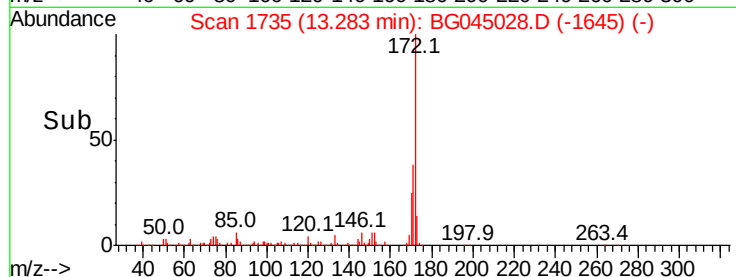
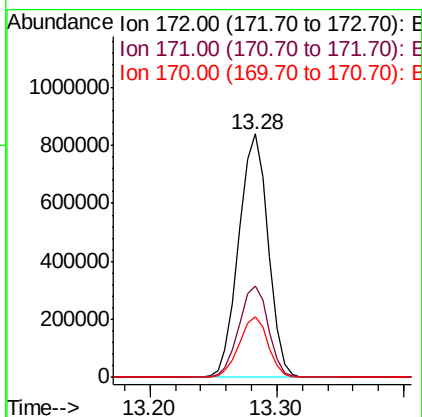
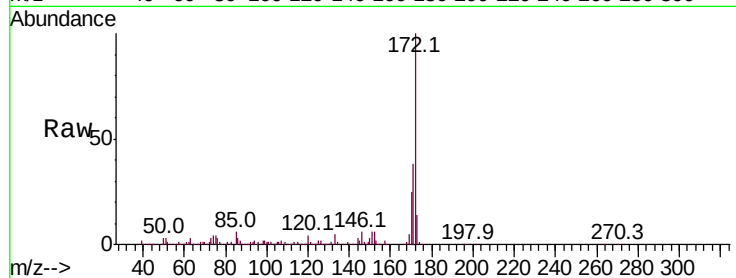




#45
2-Fluorobiphenyl
Concen: 82.877 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

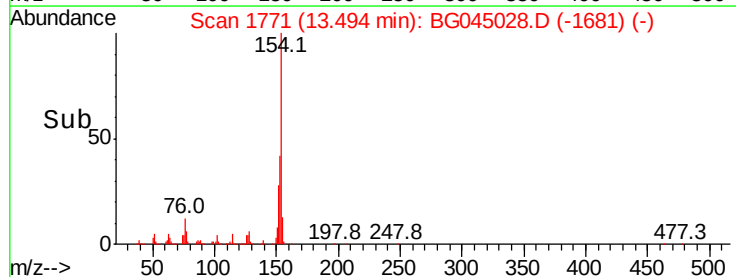
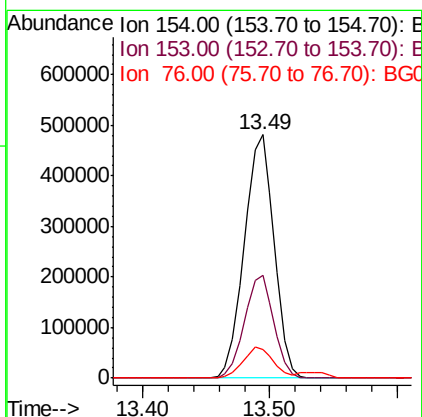
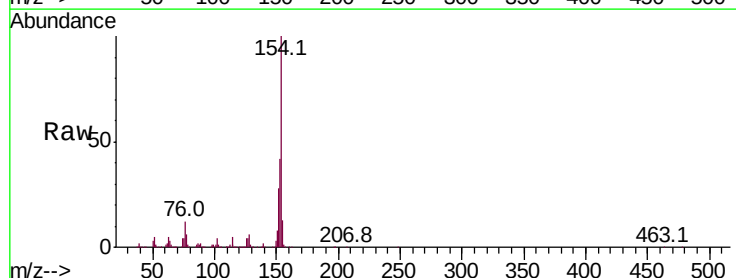
Instrument :
BNA_G
ClientSampleId :
PB128274BS

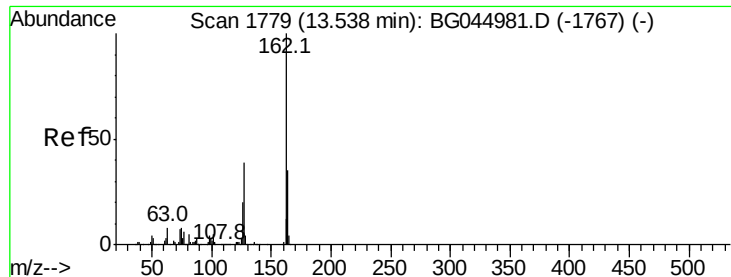
Tot Ion:172 Resp: 1351562
Ion Ratio Lower Upper
172 100
171 37.7 30.6 46.0
170 24.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.148 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:154 Resp: 784231
Ion Ratio Lower Upper
154 100
153 42.5 21.9 61.9
76 11.9 0.0 33.1

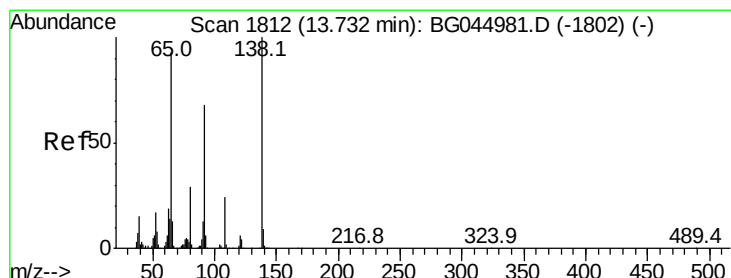
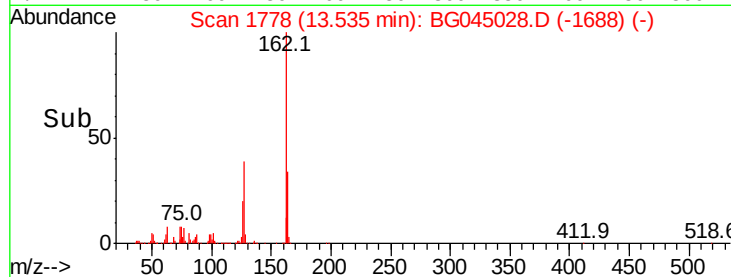
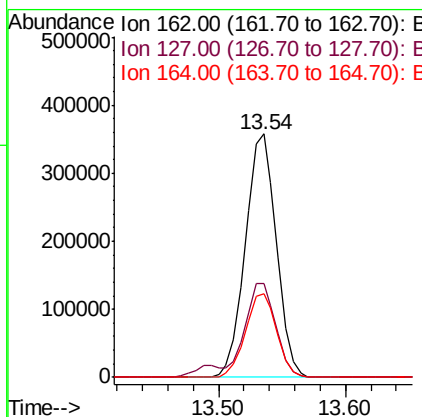
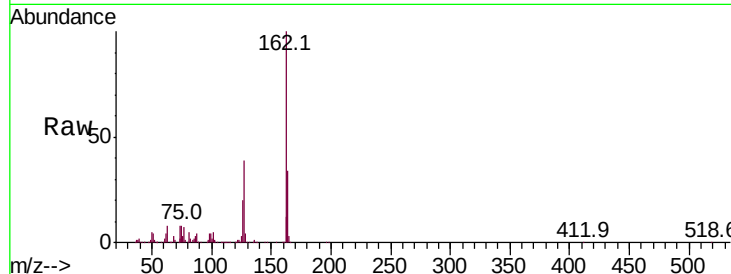




#47
2-Chloronaphthalene
Concen: 43.629 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

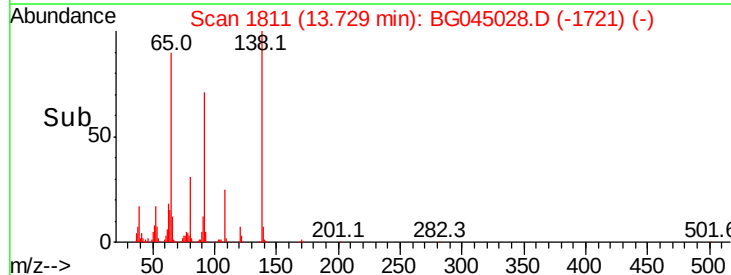
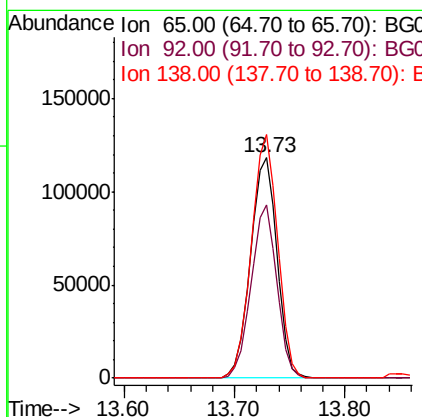
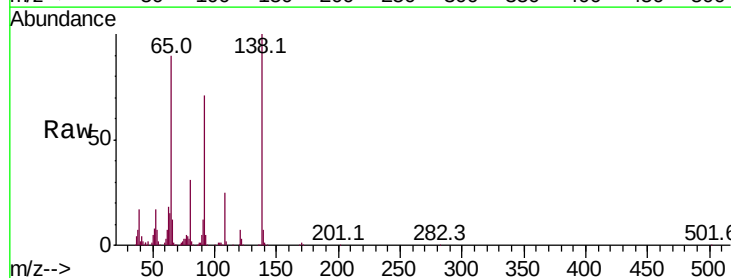
Instrument :
BNA_G
ClientSampleId :
PB128274BS

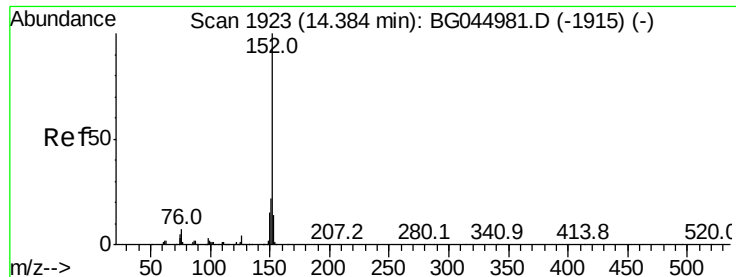
Tot Ion:162 Resp: 605909
Ion Ratio Lower Upper
162 100
127 38.8 31.3 46.9
164 34.3 27.8 41.8



#48
2-Nitroaniline
Concen: 43.653 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion: 65 Resp: 199466
Ion Ratio Lower Upper
65 100
92 78.9 58.3 87.5
138 110.7 85.6 128.4





#49

Acenaphthylene

Concen: 44.538 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

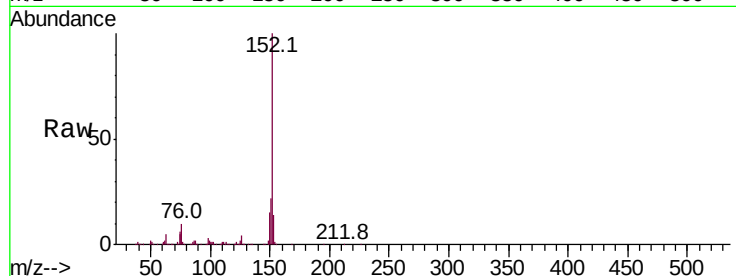
Tot Ion:152 Resp: 1007507

Ion Ratio Lower Upper

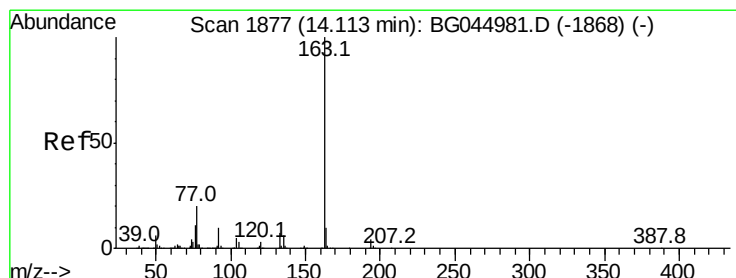
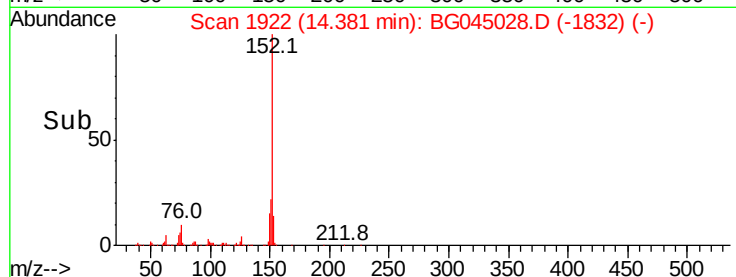
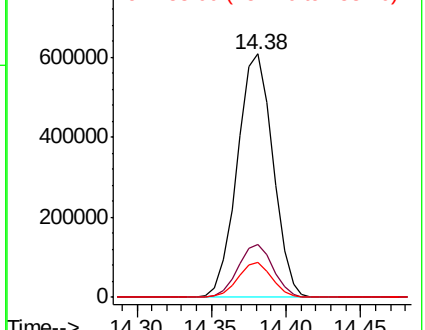
152 100

151 21.7 17.2 25.8

153 14.4 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: 43.865 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

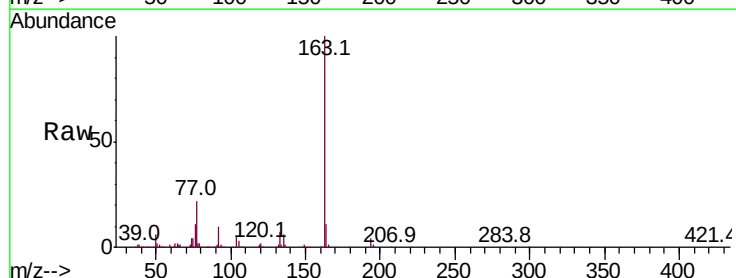
Tgt Ion:163 Resp: 854086

Ion Ratio Lower Upper

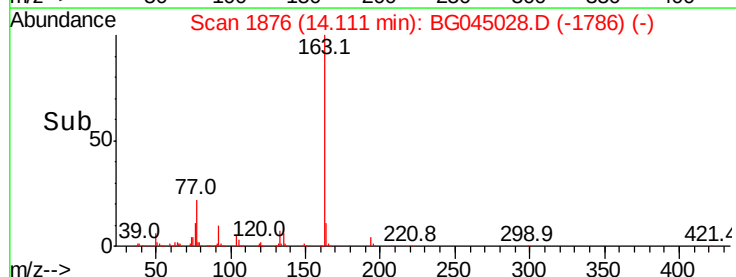
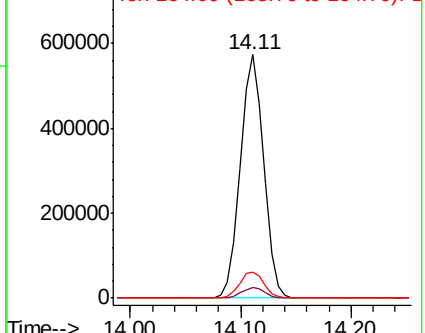
163 100

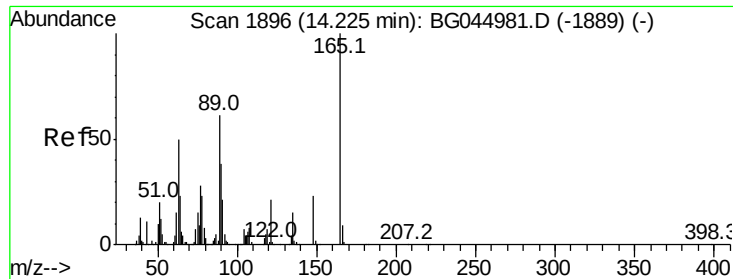
194 4.2 3.5 5.3

164 10.8 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

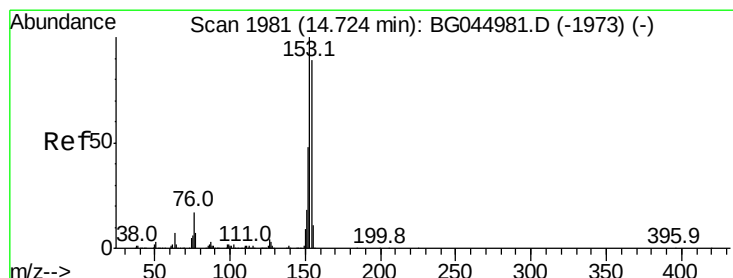
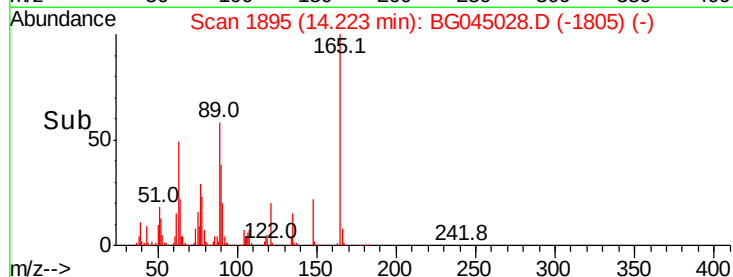
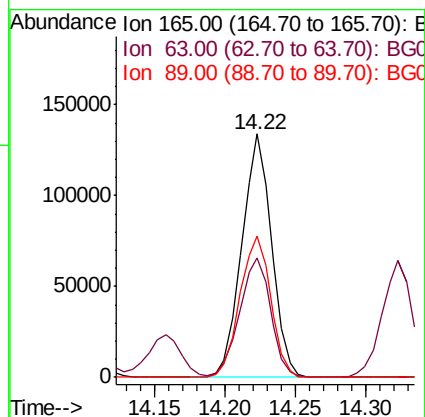
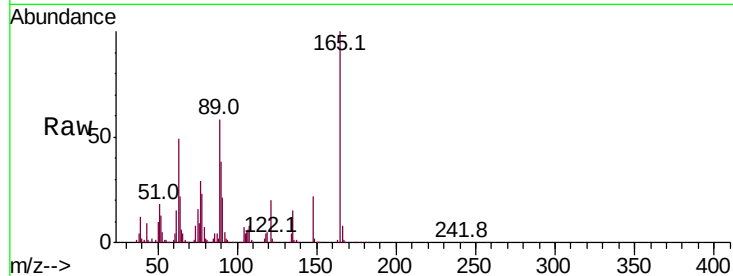




#51
2,6-Dinitrotoluene
Concen: 45.204 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

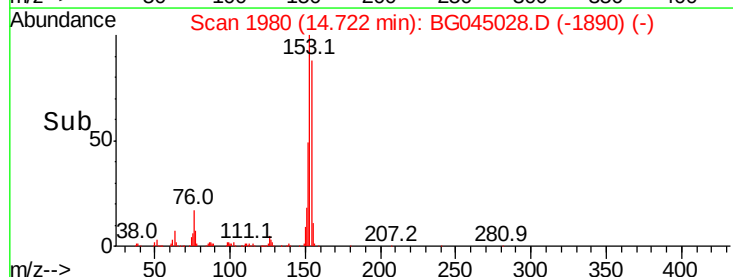
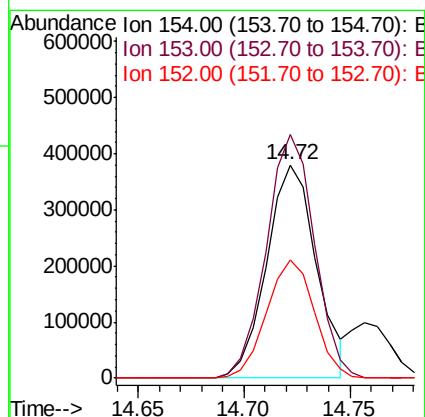
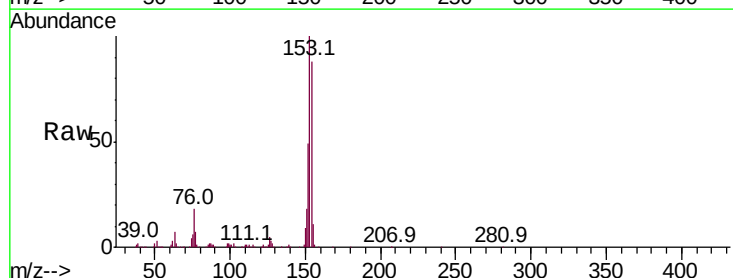
Instrument :
BNA_G
ClientSampleId :
PB128274BS

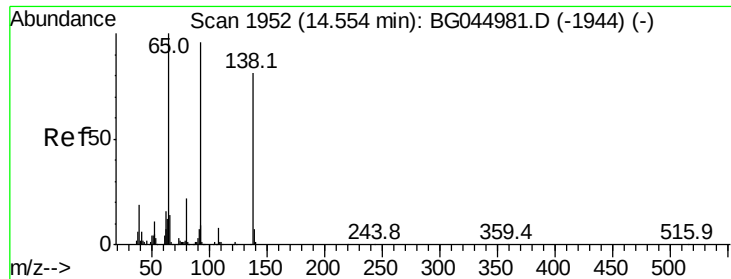
Tot Ion:165 Resp: 196866
Ion Ratio Lower Upper
165 100
63 49.0 40.4 60.6
89 57.8 49.1 73.7



#52
Acenaphthene
Concen: 40.606 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:154 Resp: 621488
Ion Ratio Lower Upper
154 100
153 114.1 89.7 134.5
152 55.7 43.1 64.7

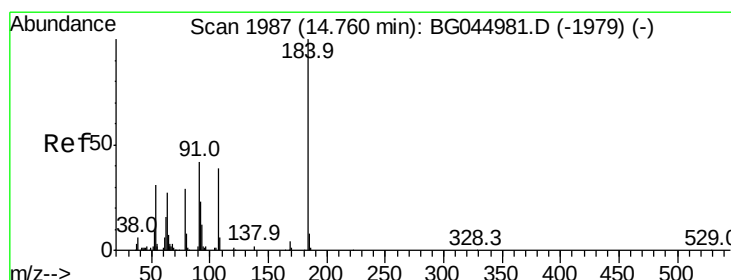
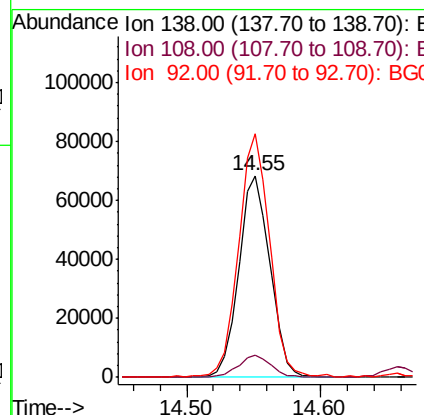
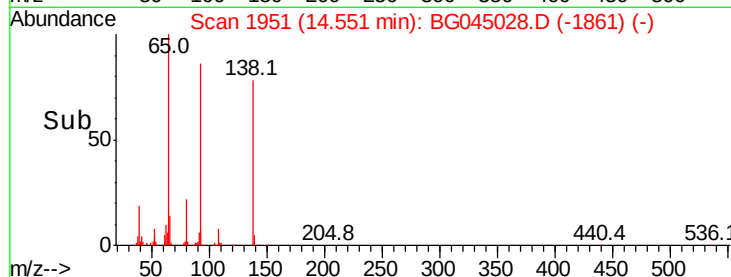
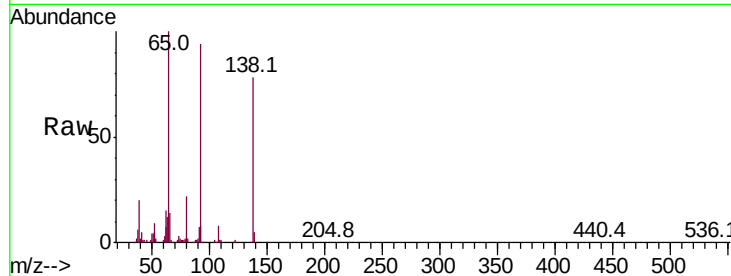




#53
3-Nitroaniline
Concen: 23.190 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

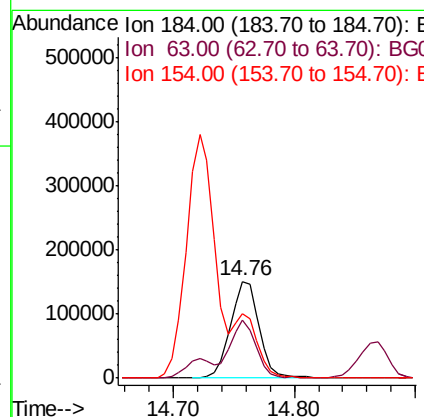
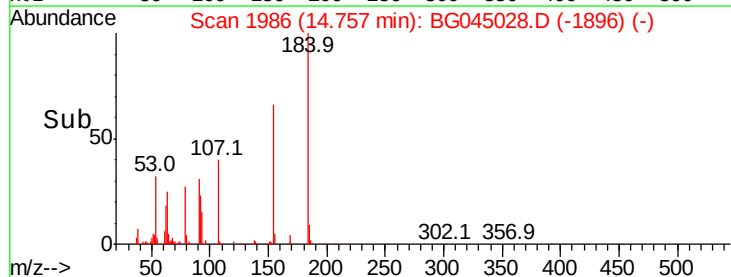
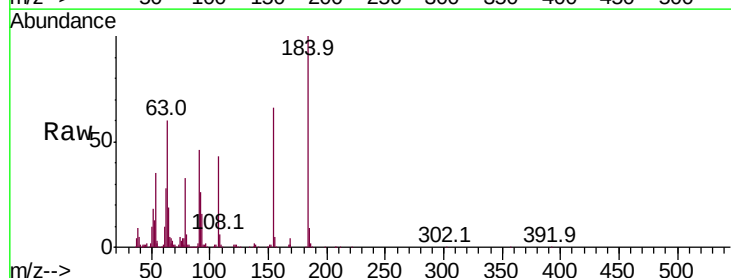
Instrument :
BNA_G
ClientSampleId :
PB128274BS

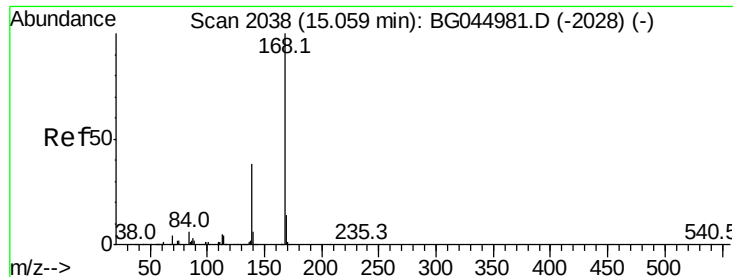
Tot Ion:138 Resp: 110769
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.8
92 120.5 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 95.684 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:184 Resp: 247790
Ion Ratio Lower Upper
184 100
63 59.7 41.5 62.3
154 66.0 52.3 78.5





#55

Dibenzenofuran

Concen: 44.303 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

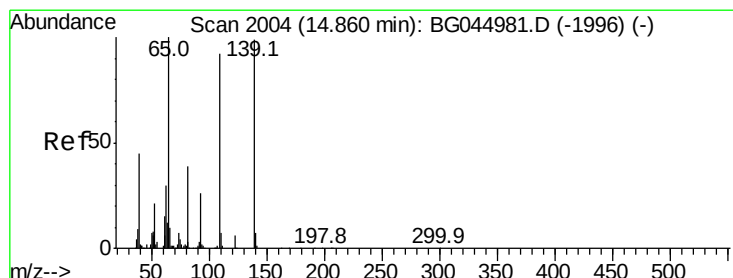
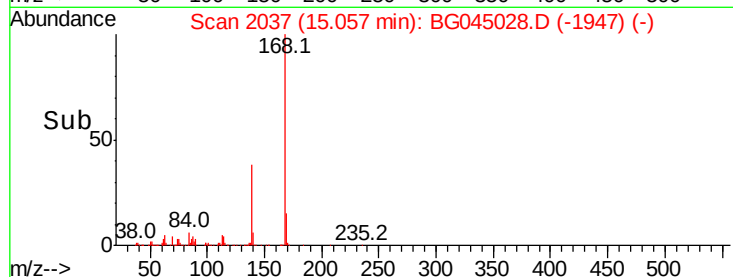
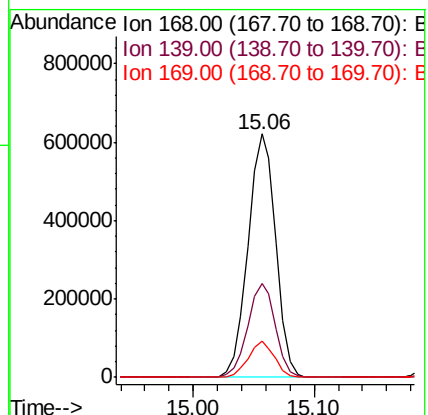
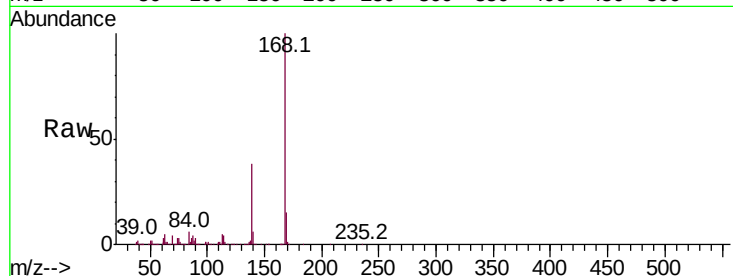
Tot Ion:168 Resp: 988579

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 14.9 11.0 16.4



#56

4-Nitrophenol

Concen: 86.272 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

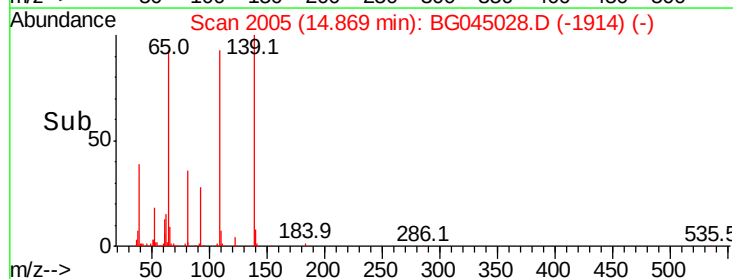
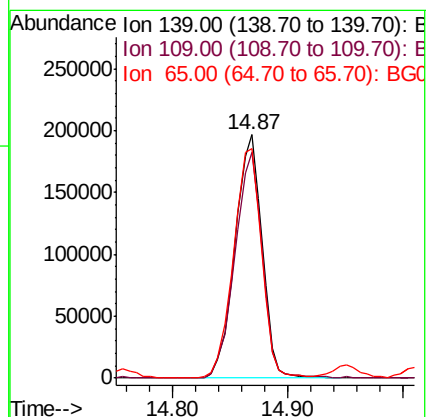
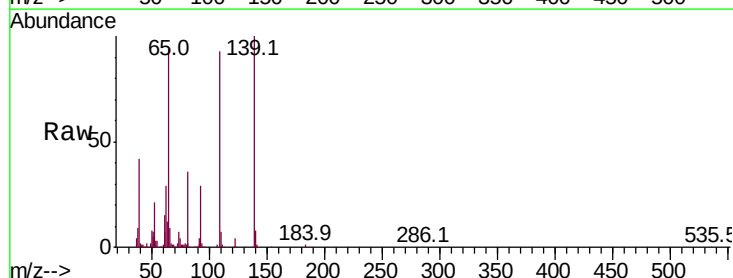
Tgt Ion:139 Resp: 319511

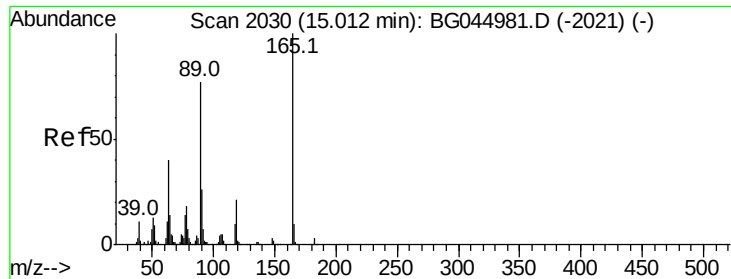
Ion Ratio Lower Upper

139 100

109 92.6 73.6 113.6

65 94.1 81.2 121.2

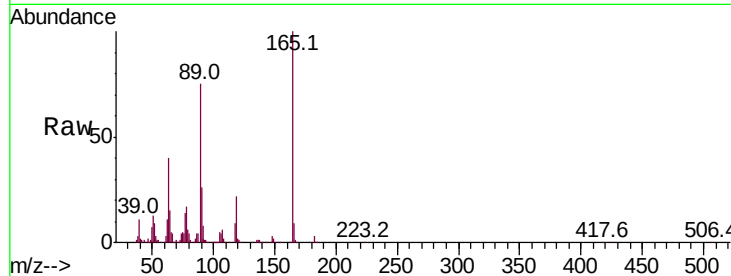




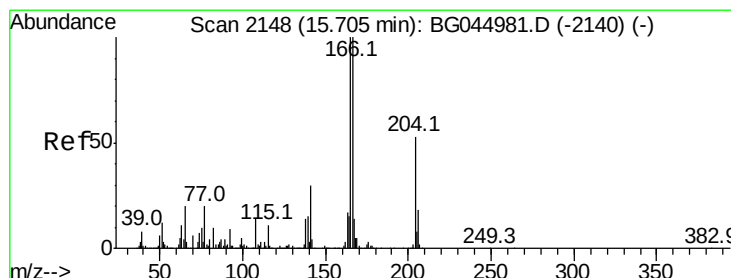
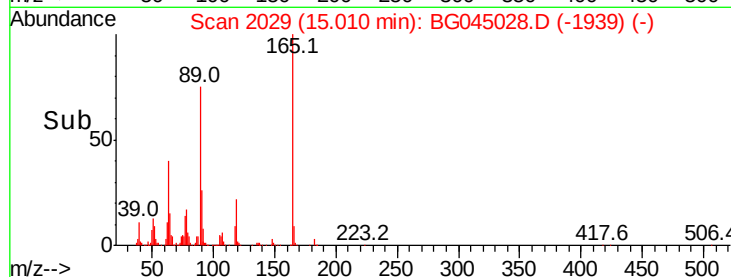
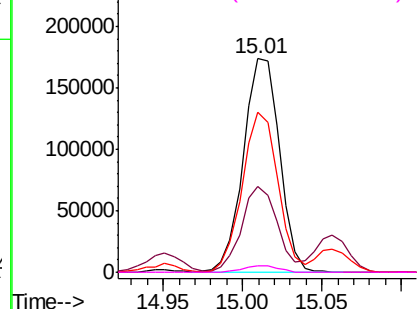
#57
2,4-Dinitrotoluene
Concen: 43.324 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB128274BS

Tot Ion:165 Resp: 275738
Ion Ratio Lower Upper
165 100
63 40.4 32.2 48.2
89 74.8 61.7 92.5
182 2.8 2.0 3.0

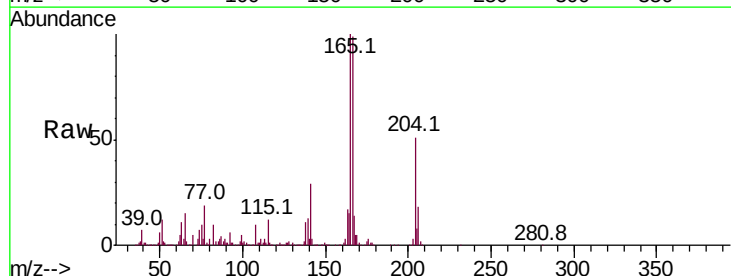


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

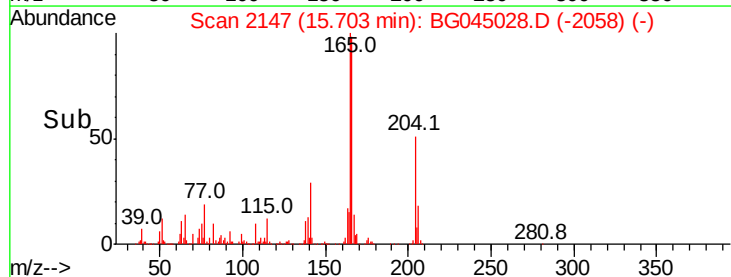
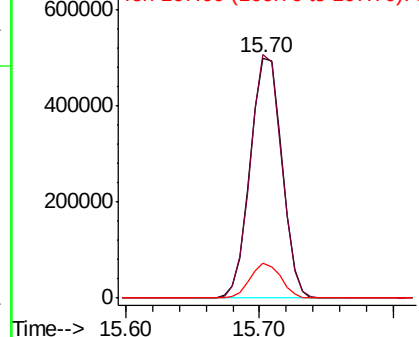


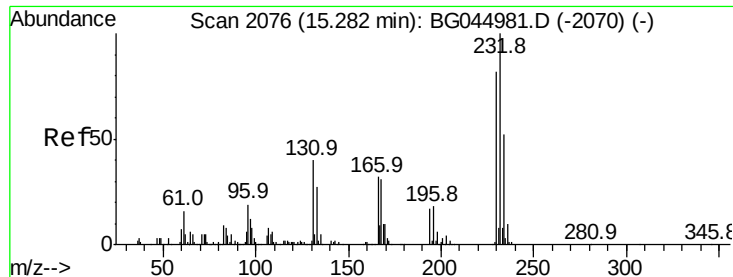
#58
Fluorene
Concen: 44.751 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:166 Resp: 815657
Ion Ratio Lower Upper
166 100
165 101.3 79.9 119.9
167 14.5 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

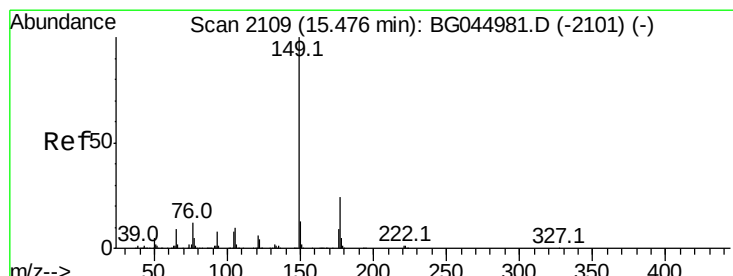
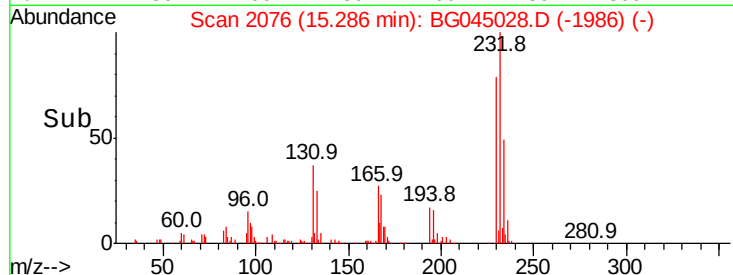
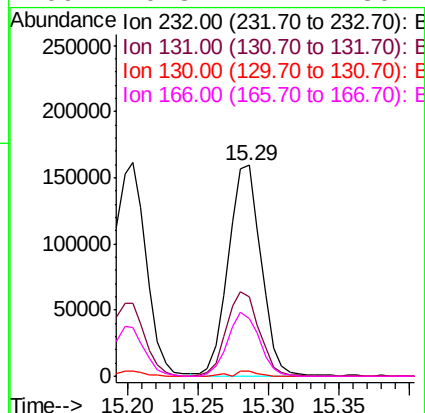
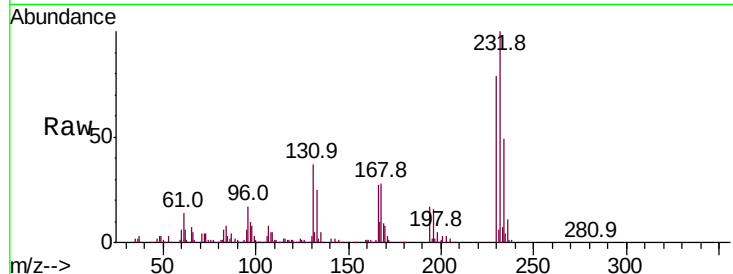




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.841 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

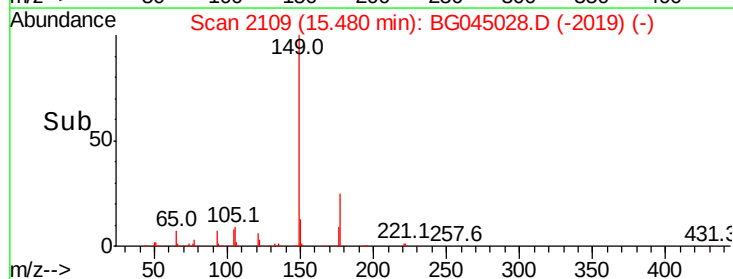
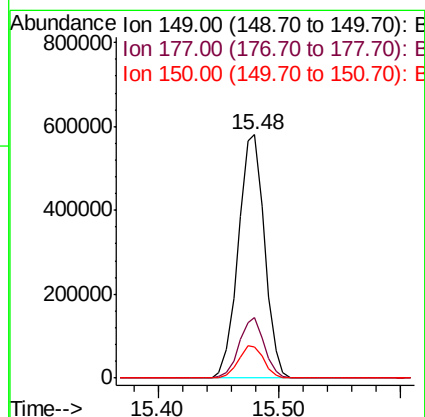
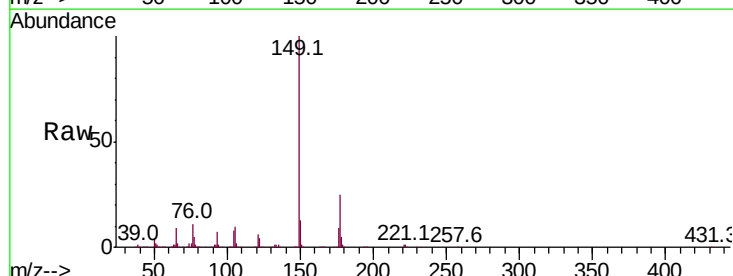
Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

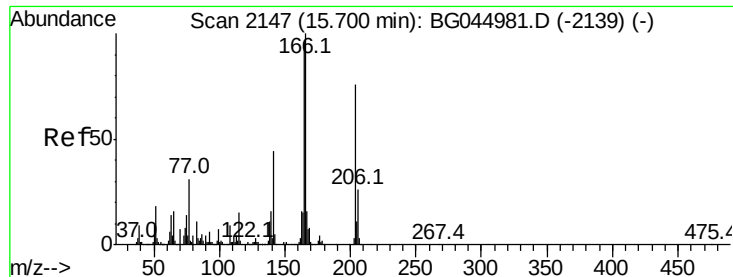
Tot Ion:	232	Resp:	257790
Ion	Ratio	Lower	Upper
232	100		
131	39.7	32.2	48.2
130	2.0	2.2	3.2#
166	29.3	24.2	36.4



#60
 Diethylphthalate
 Concen: 43.243 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion:	149	Resp:	877843
Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.9	28.3
150	13.0	10.6	15.8

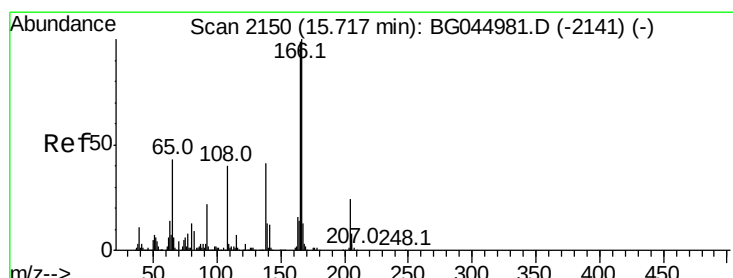
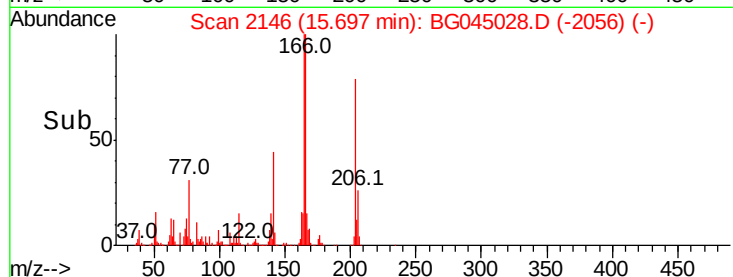
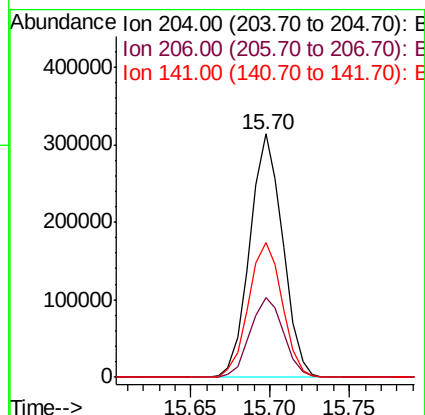
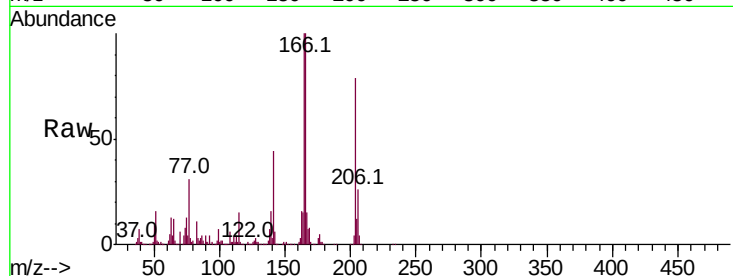




#61
4-Chlorophenyl-phenylether
Concen: 43.141 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

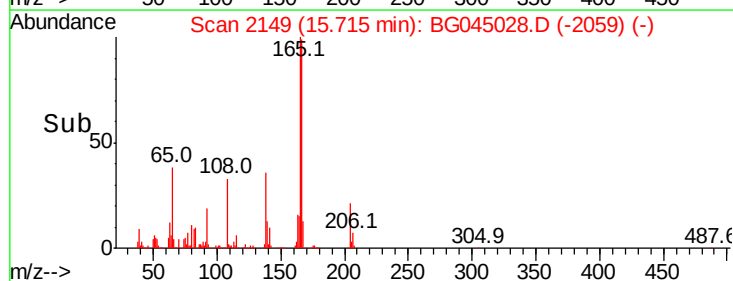
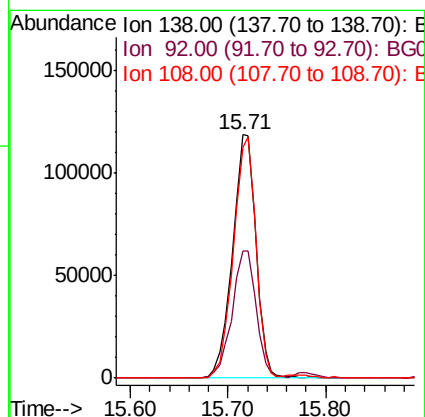
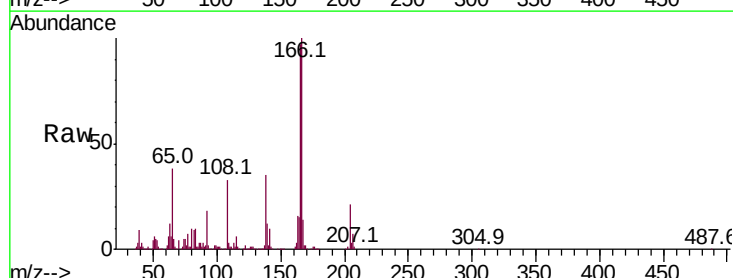
Instrument :
BNA_G
ClientSampleId :
PB128274BS

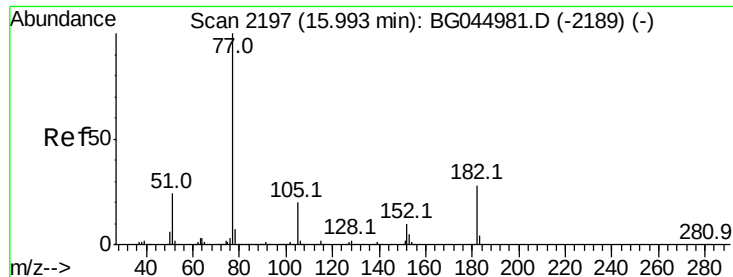
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	55.3	46.3	69.5



#62
4-Nitroaniline
Concen: 40.008 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	33.6	73.6
108	94.8	78.2	118.2

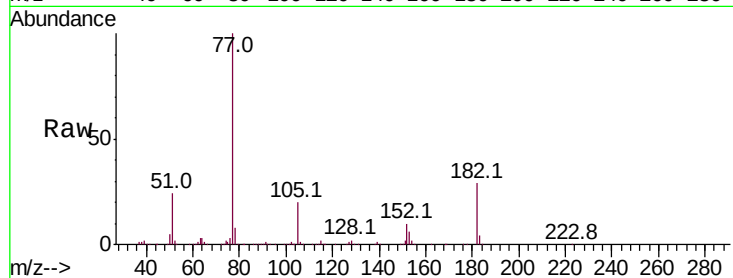




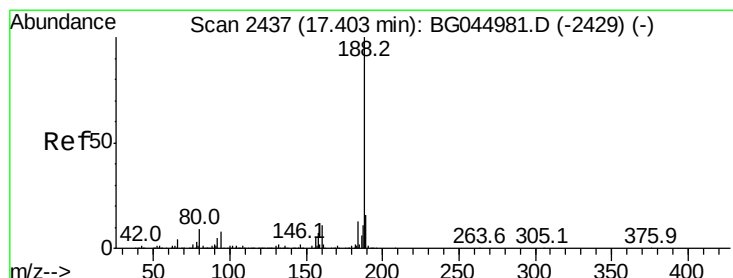
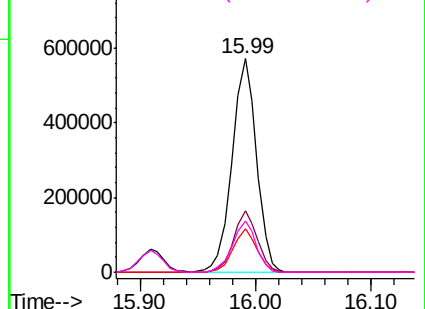
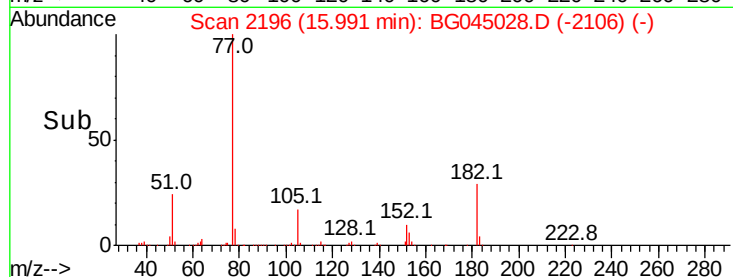
#63
Azobenzene
Concen: 44.581 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB128274BS

Tot Ion:	77	Resp:	834393
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.4	48.4
105	20.1	0.5	40.5
51	23.8	4.4	44.4

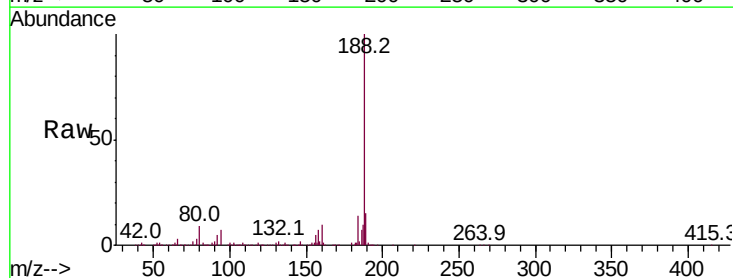


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

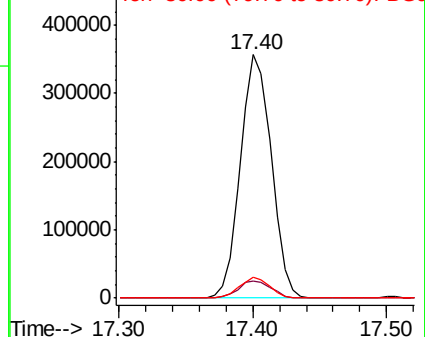
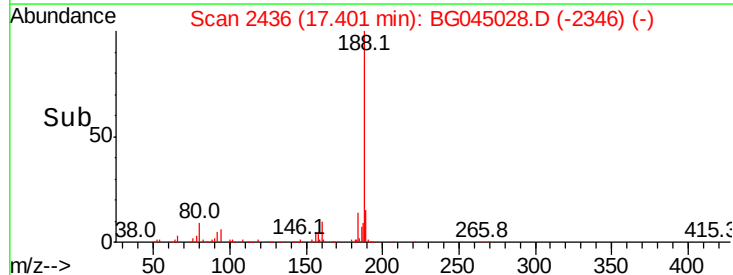


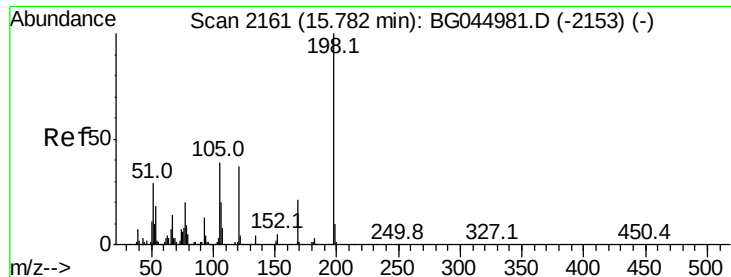
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:	188	Resp:	570645
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.8	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

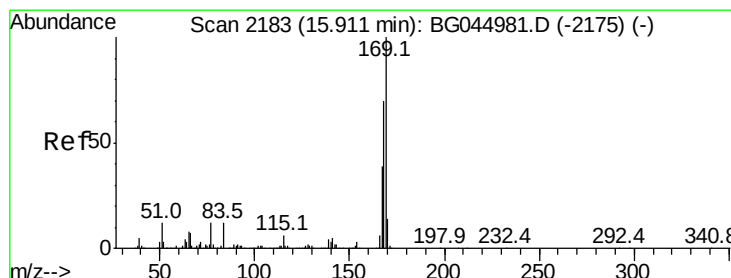
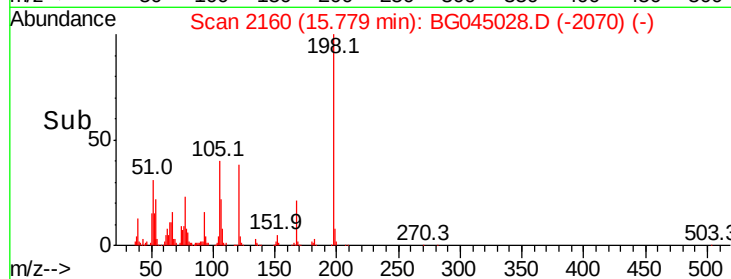
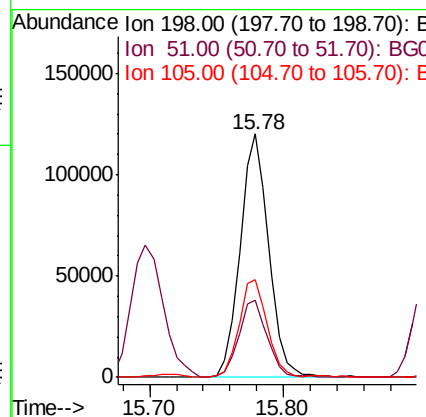
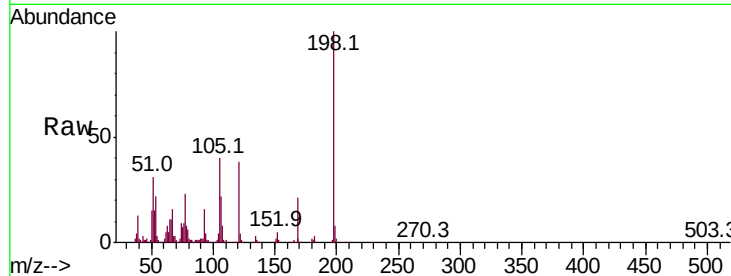




#65
4,6-Dinitro-2-methylphenol
Concen: 47.215 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

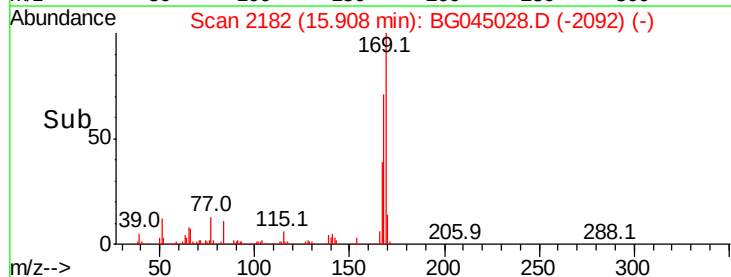
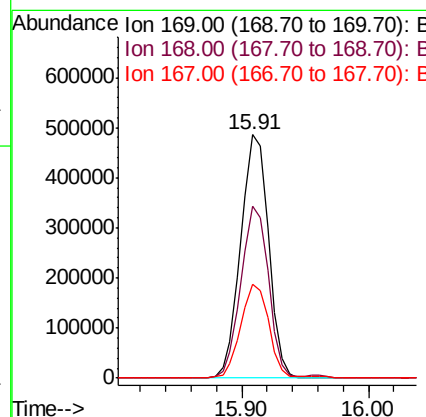
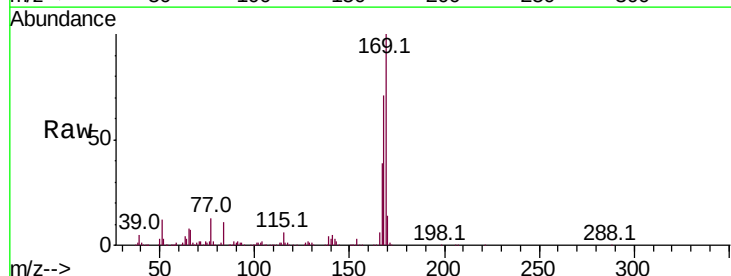
Instrument :
BNA_G
ClientSampleId :
PB128274BS

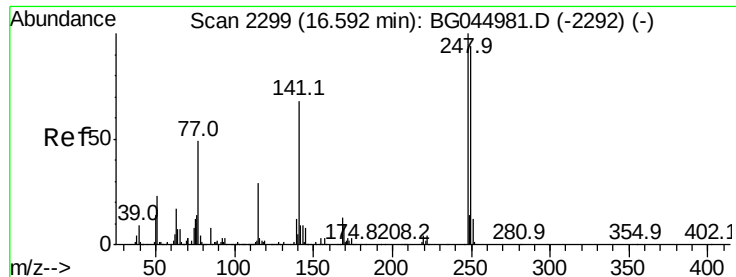
Tot Ion:198 Resp: 177099
Ion Ratio Lower Upper
198 100
51 31.5 10.0 50.0
105 39.9 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 45.146 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:169 Resp: 740208
Ion Ratio Lower Upper
169 100
168 70.7 55.8 83.8
167 38.8 30.8 46.2

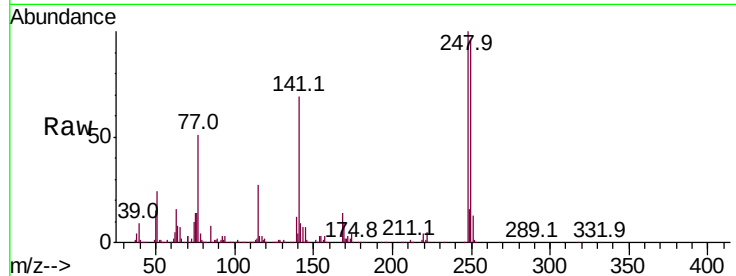




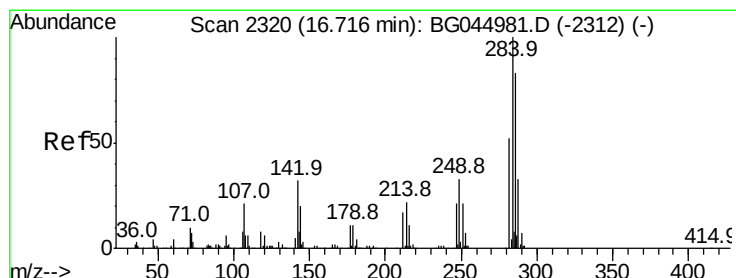
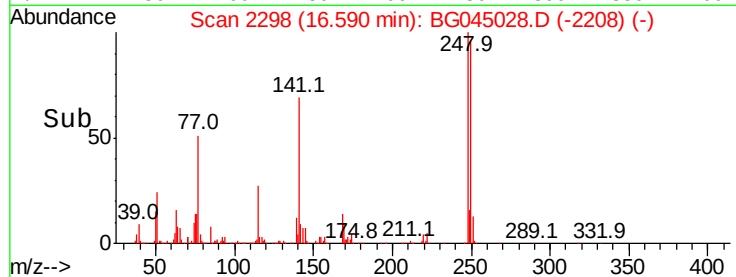
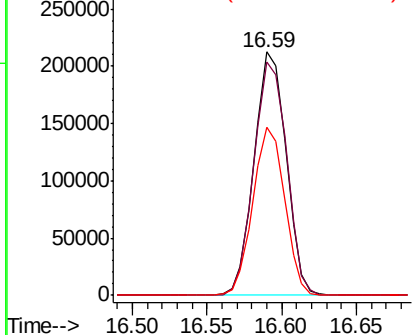
#67
4-Bromophenyl-phenylether
Concen: 42.703 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB128274BS

Tot Ion:248 Resp: 314373
Ion Ratio Lower Upper
248 100
250 95.9 75.4 113.2
141 69.0 54.4 81.6

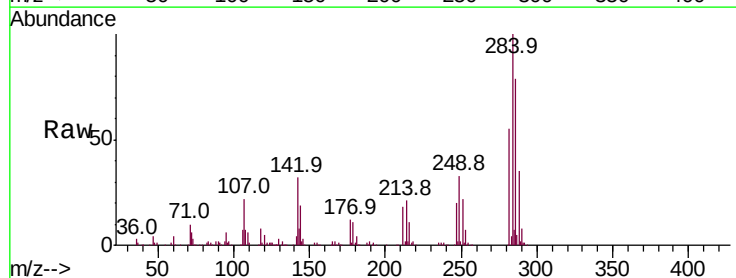


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

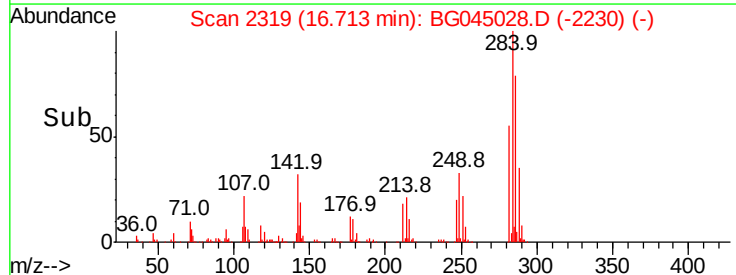
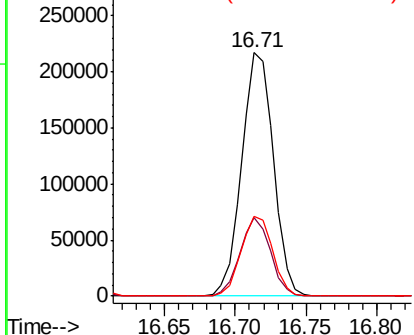


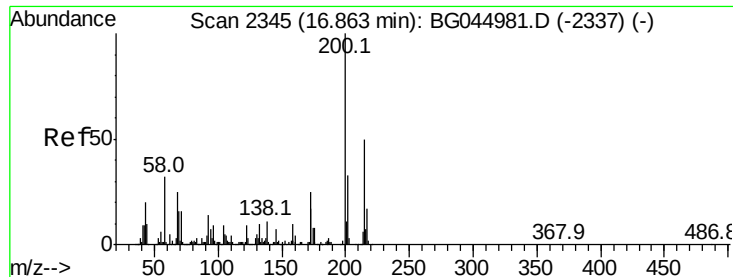
#68
Hexachlorobenzene
Concen: 44.637 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion:284 Resp: 340803
Ion Ratio Lower Upper
284 100
142 32.1 25.8 38.6
249 32.7 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.478 ng

RT: 16.86 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

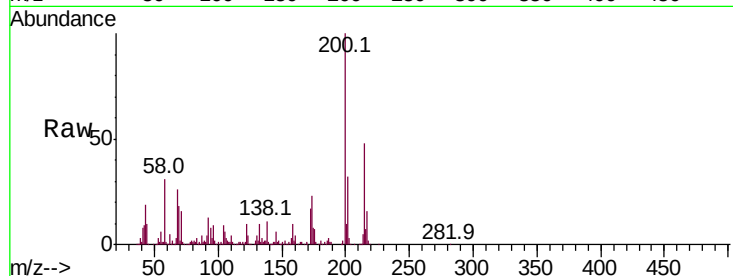
Tot Ion:200 Resp: 303729

Ion Ratio Lower Upper

200 100

173 23.1 4.5 44.5

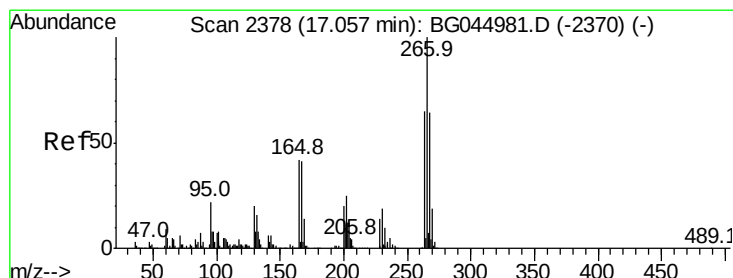
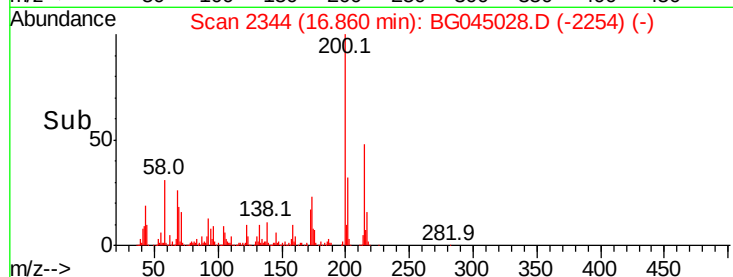
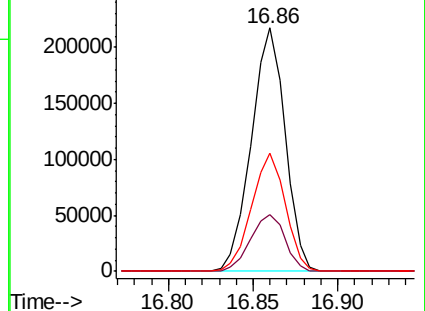
215 48.5 30.0 70.0



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: 89.761 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

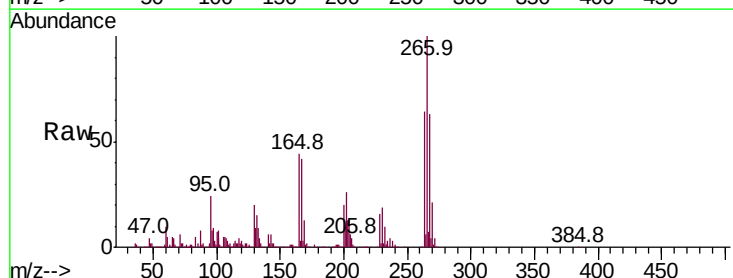
Tgt Ion:266 Resp: 420425

Ion Ratio Lower Upper

266 100

268 63.4 51.5 77.3

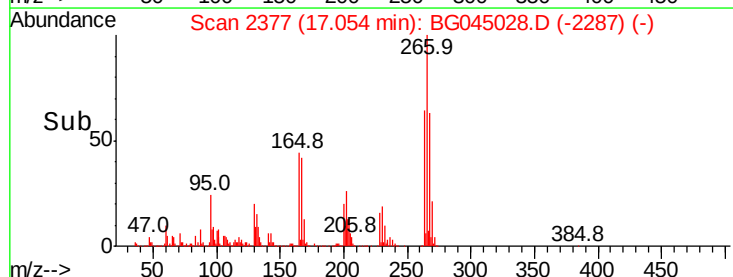
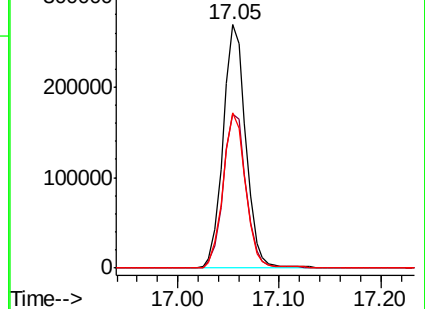
264 63.6 52.2 78.4

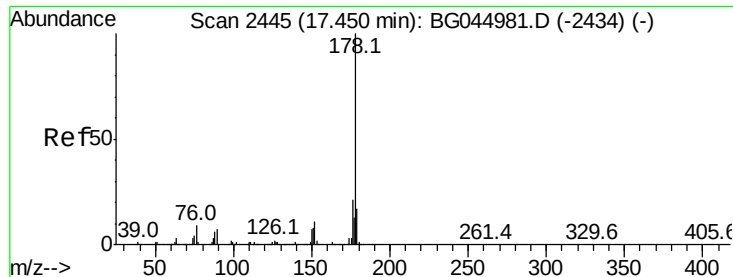


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.061 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

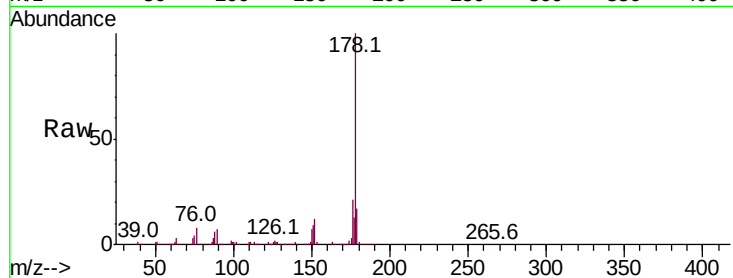
BNA_G

ClientSampleId :

PB128274BS

Tot Ion:178 Resp: 1292032

Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	17.3	13.2	19.8

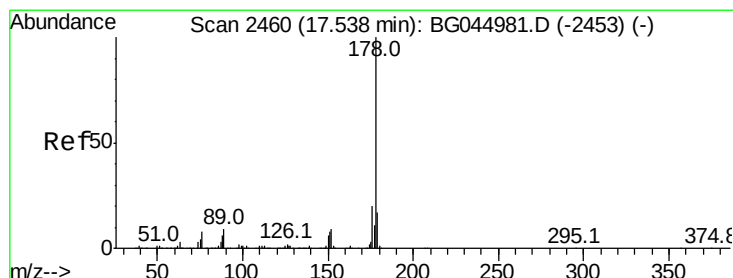
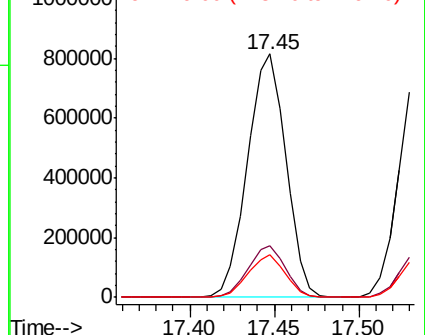
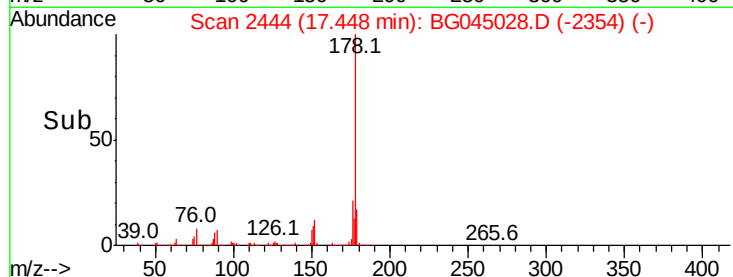


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.992 ng

RT: 17.54 min Scan# 2459

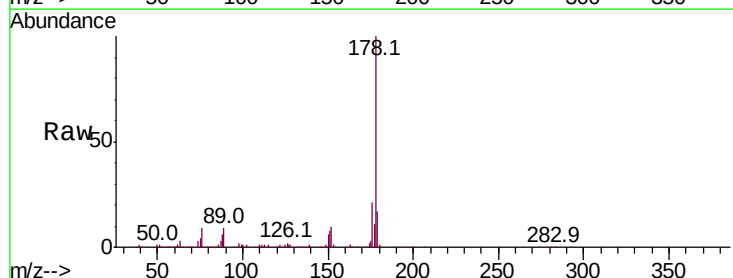
Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:178 Resp: 1323427

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.0	24.0
179	17.5	13.6	20.4

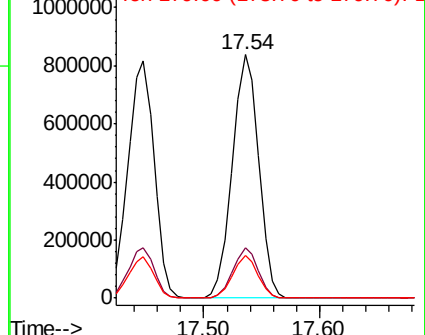
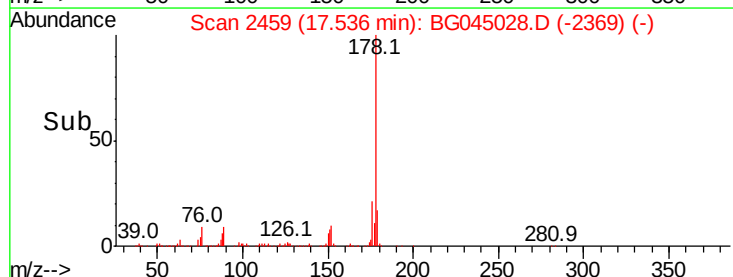


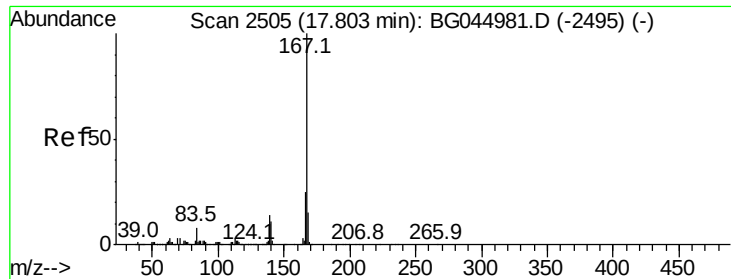
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



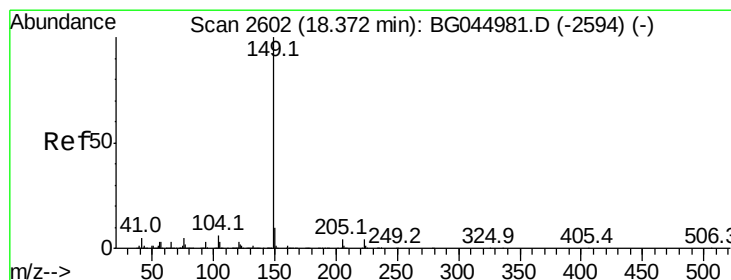
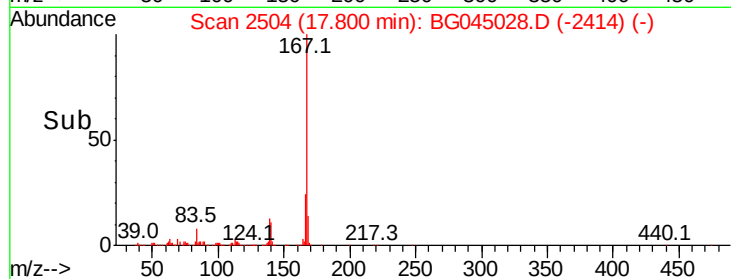
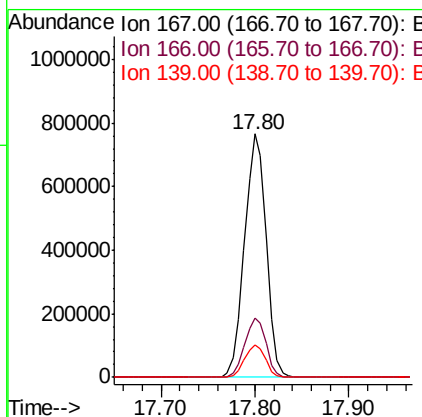
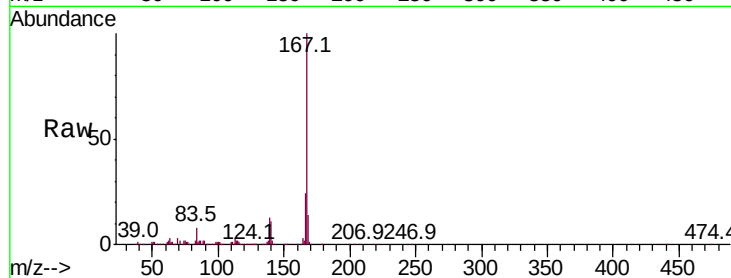


#73
 Carbazole
 Concen: 40.604 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

Tot Ion:167 Resp: 1212038

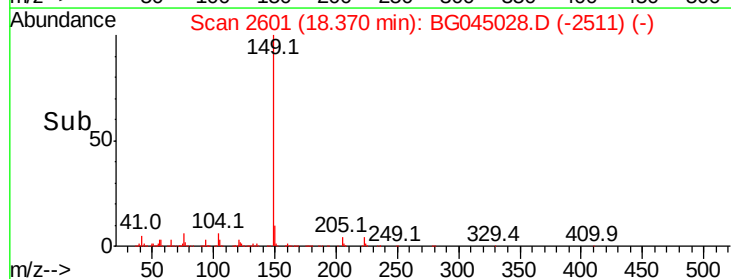
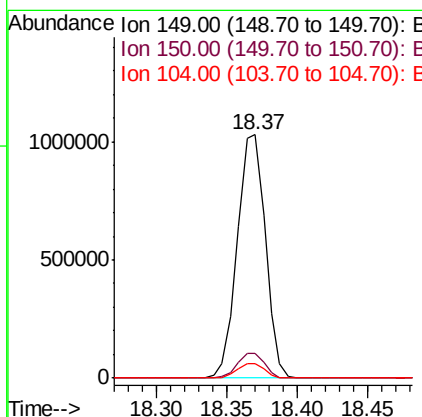
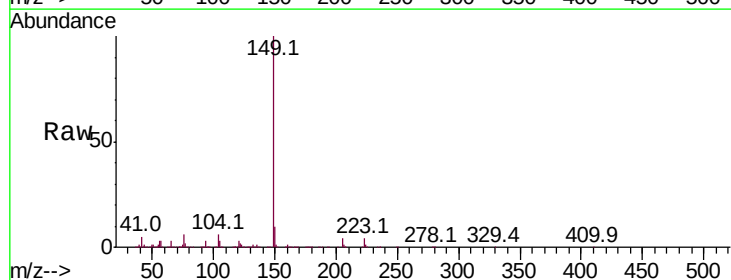
Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.8	29.6
139	13.1	10.9	16.3

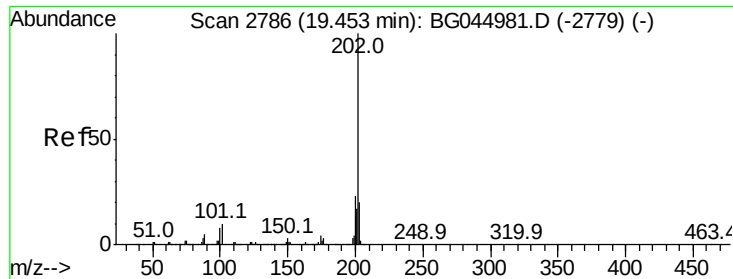


#74
 Di-n-butylphthalate
 Concen: 43.951 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion:149 Resp: 1432729

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.1	4.8	7.2

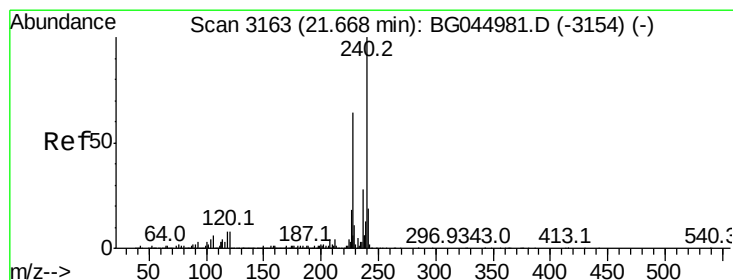
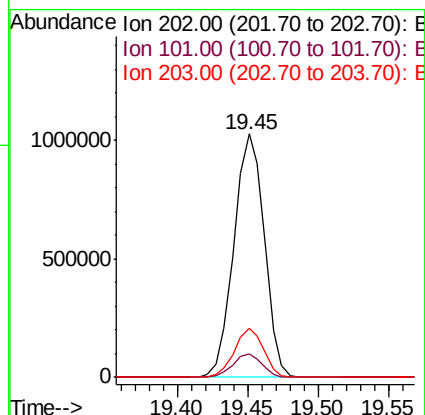
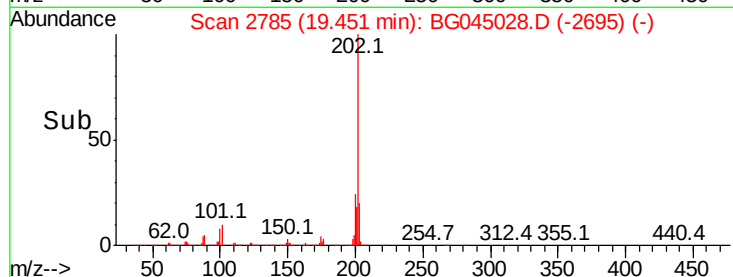
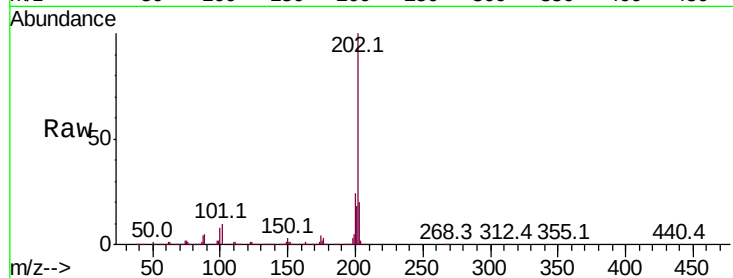




#75
Fluoranthene
Concen: 44.578 ng
RT: 19.45 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

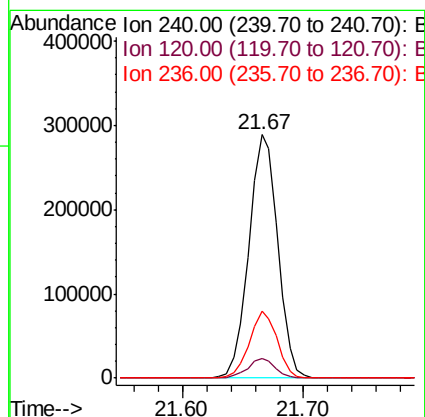
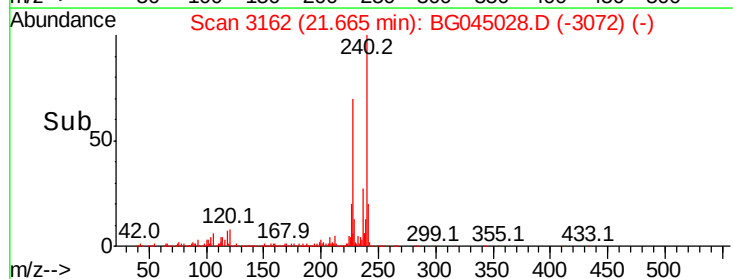
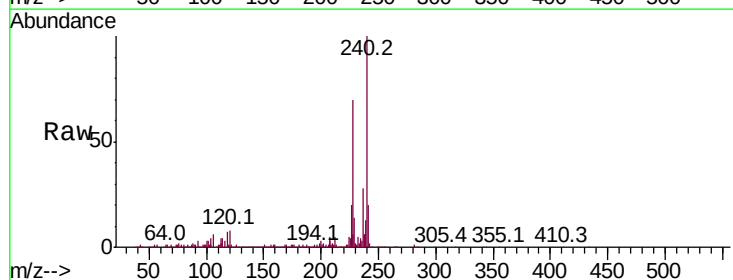
Instrument :
BNA_G
ClientSampleId :
PB128274BS

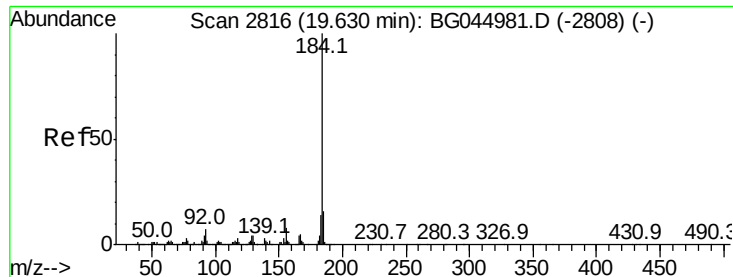
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.6
203	20.4	0.0	39.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG045028.D
Acq: 17 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	27.5	22.2	33.2





#77

Benzidine

Concen: 54.989 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

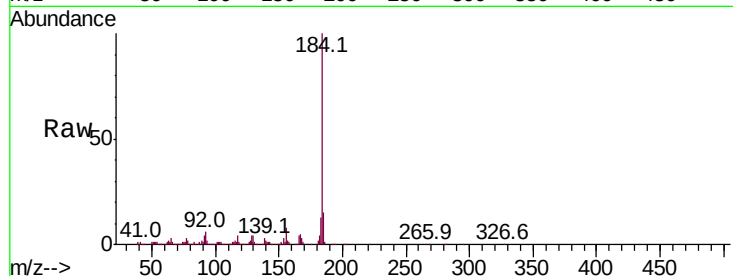
BNA_G

ClientSampleId :

PB128274BS

Tot Ion:184 Resp: 750101

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	13.4	11.3	16.9

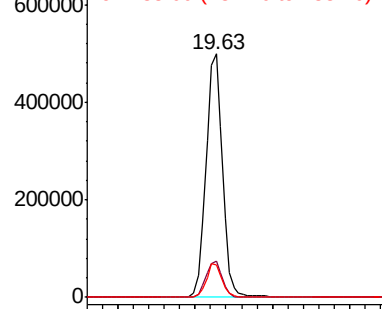


Abundance

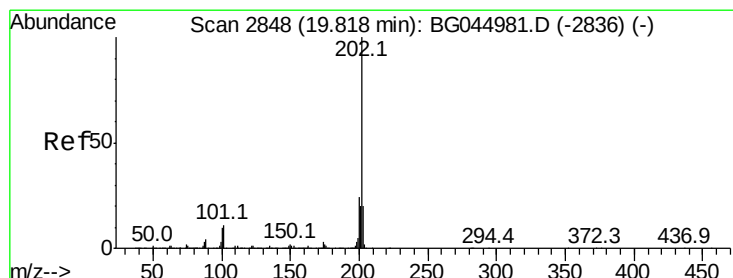
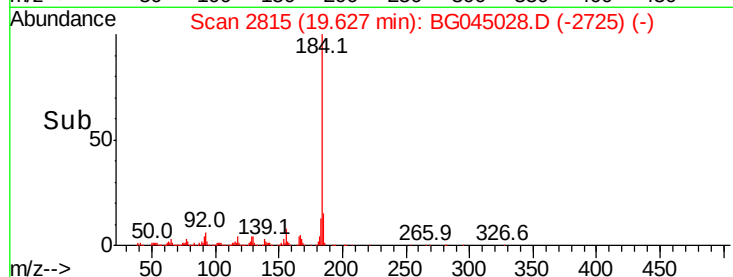
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 45.305 ng

RT: 19.81 min Scan# 2846

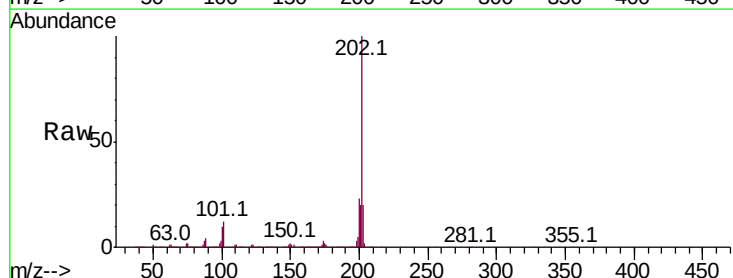
Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:202 Resp: 1507199

Ion	Ratio	Lower	Upper
202	100		
200	23.4	19.0	28.6
203	20.1	16.1	24.1

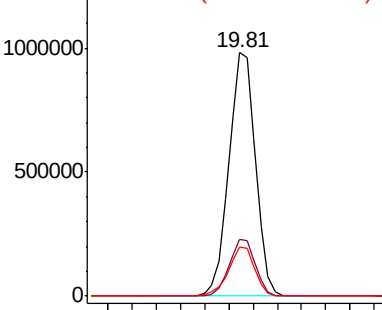


Abundance

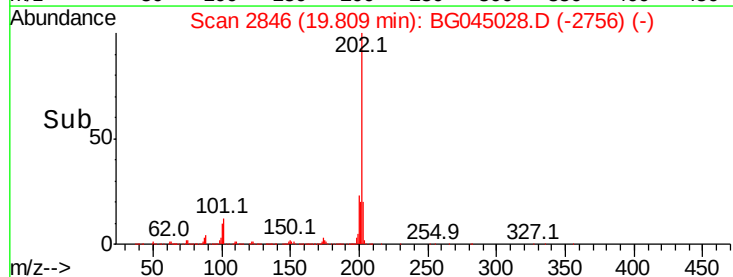
Ion 202.00 (201.70 to 202.70): E

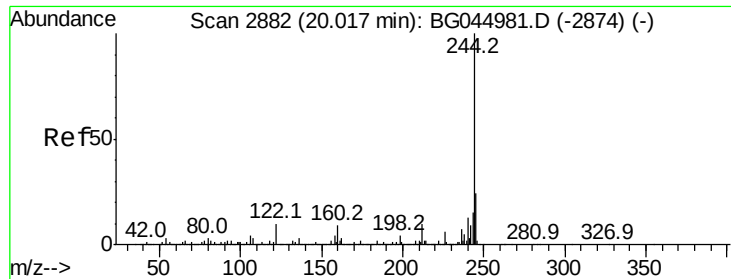
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 96.347 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

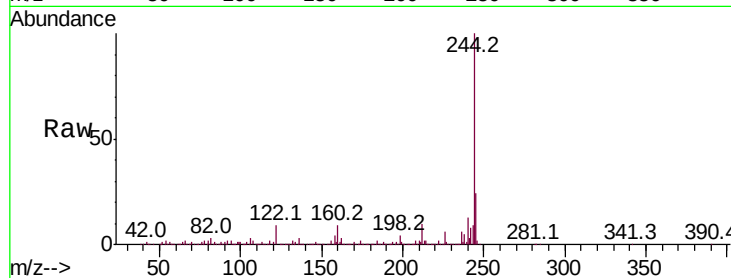
Tot Ion:244 Resp: 2133165

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

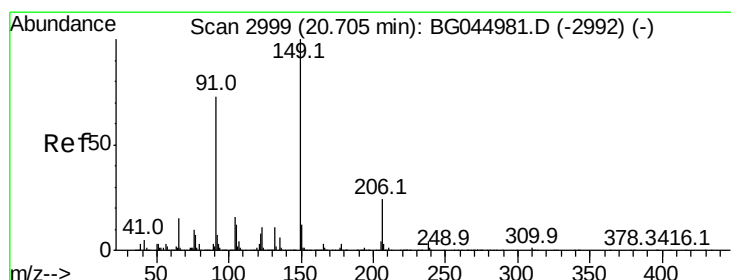
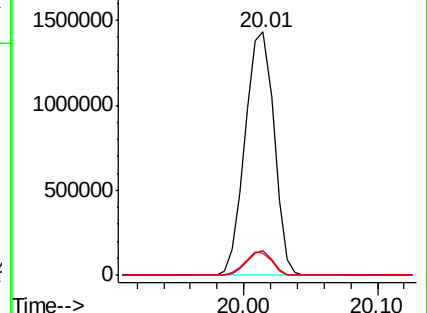
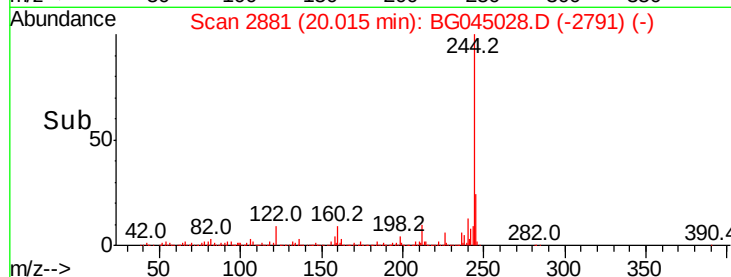
122 9.3 7.7 11.5



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: 44.889 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

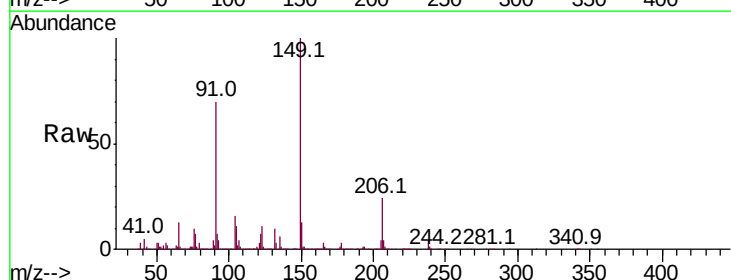
Tgt Ion:149 Resp: 619020

Ion Ratio Lower Upper

149 100

91 70.2 58.5 87.7

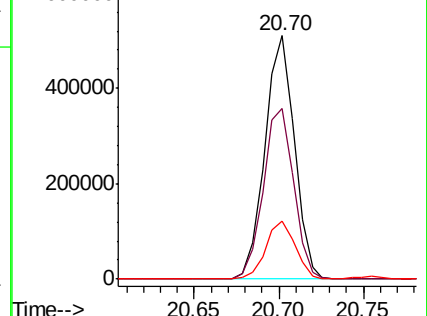
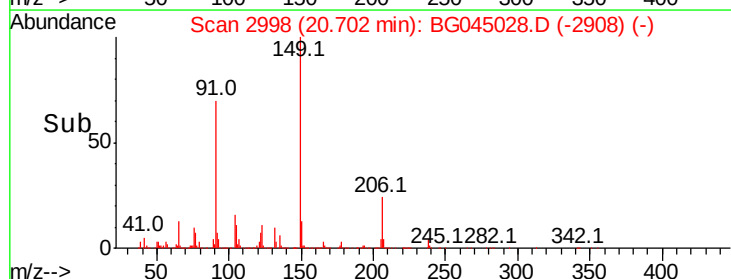
206 23.8 19.2 28.8

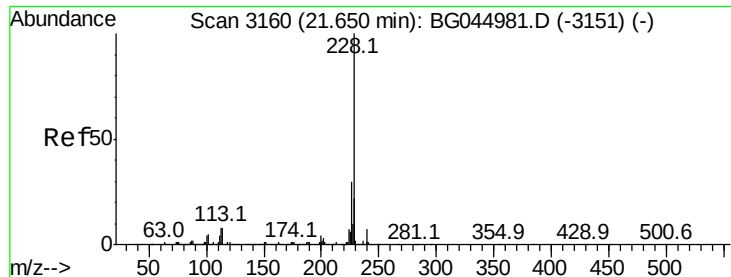


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.918 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

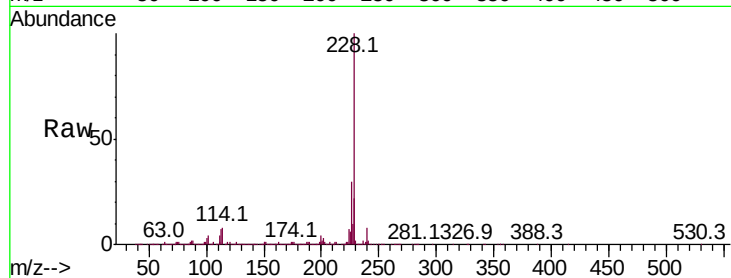
BNA_G

ClientSampleId :

PB128274BS

Tot Ion:228 Resp: 1404913

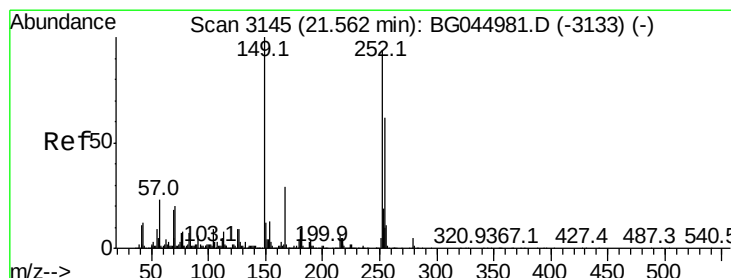
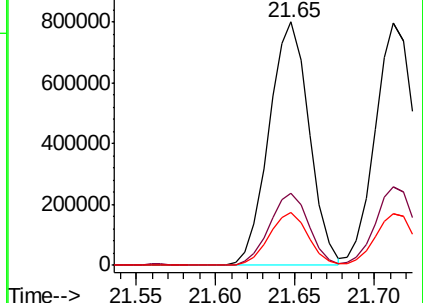
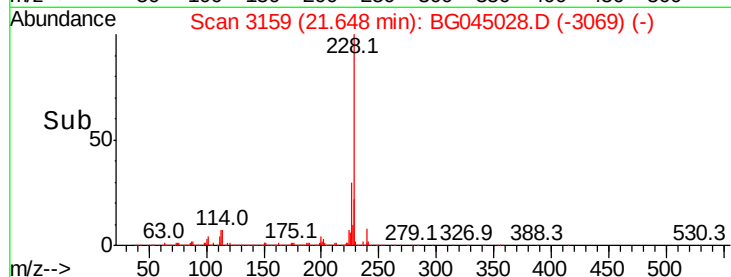
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.7	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.104 ng

RT: 21.56 min Scan# 3144

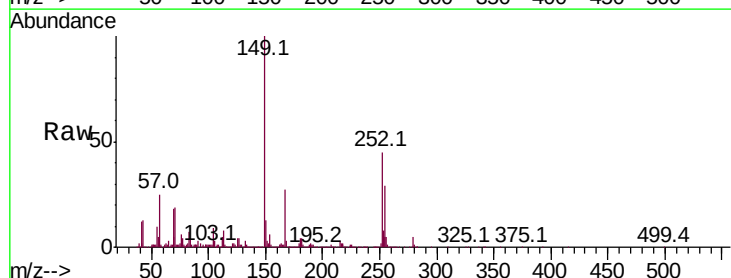
Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:252 Resp: 337418

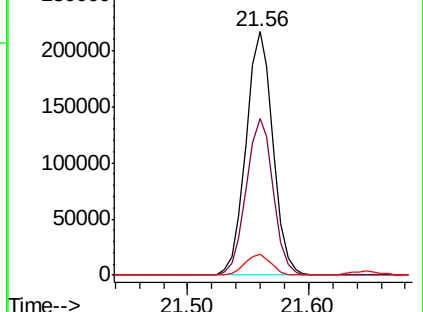
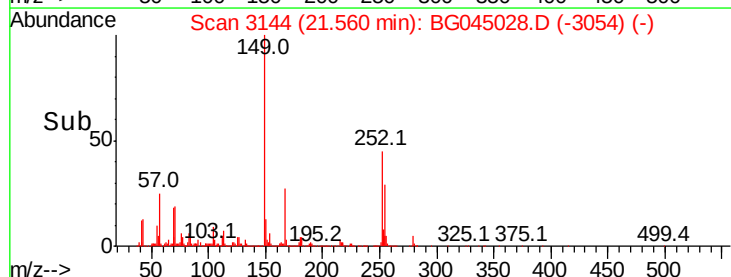
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	79.0
126	8.8	7.5	11.3

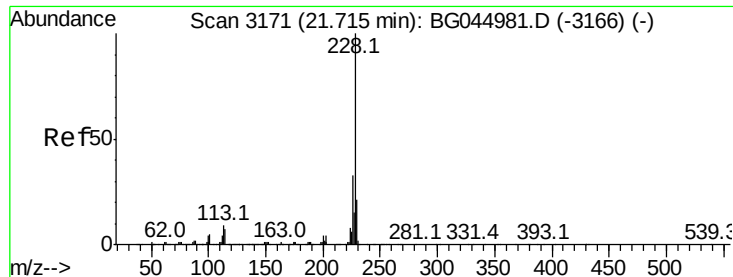


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



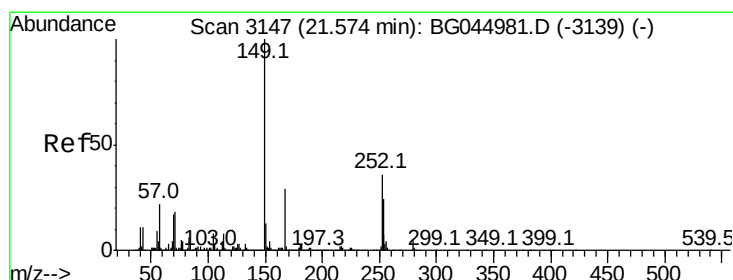
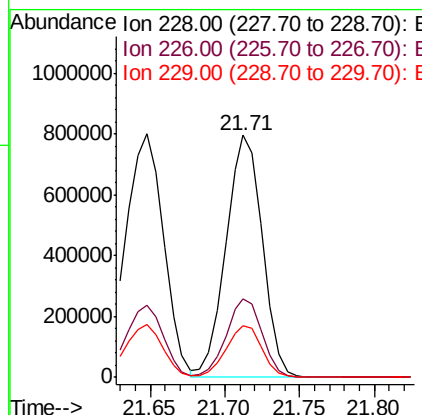
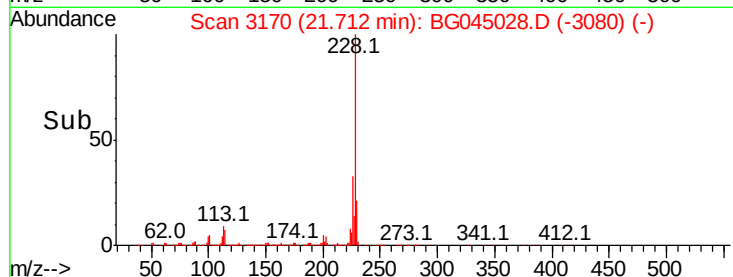
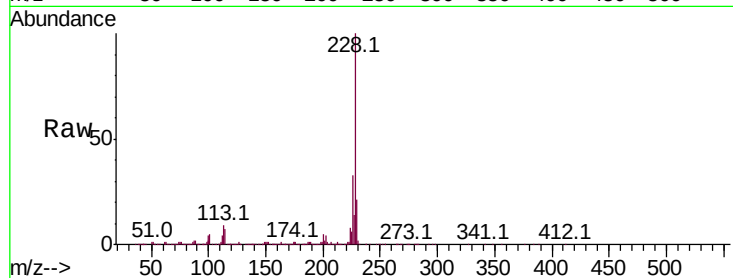


#83
 Chrysene
 Concen: 44.884 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB128274BS

Tot Ion:228 Resp: 1348826

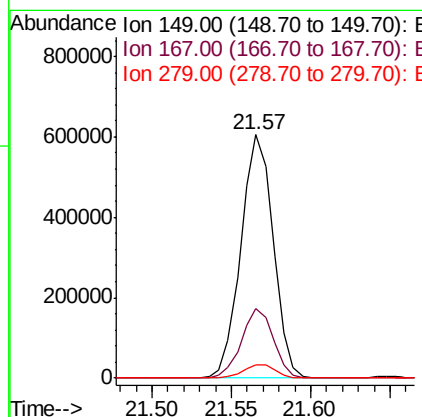
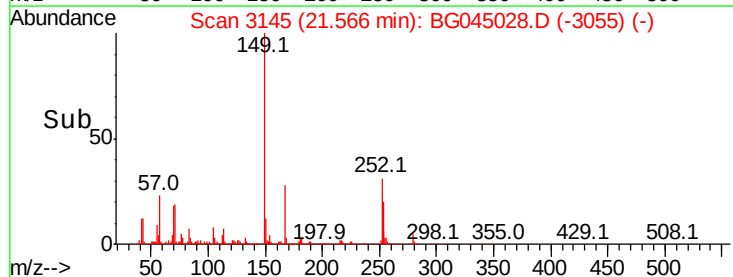
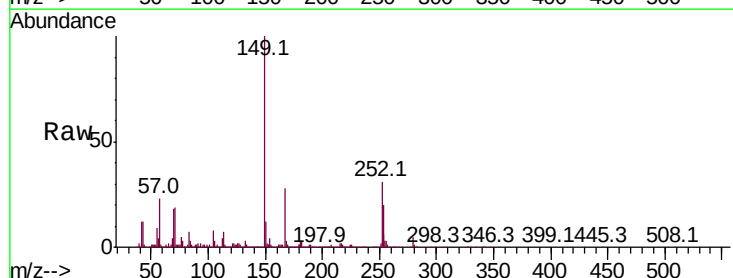
Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.1	17.0	25.6

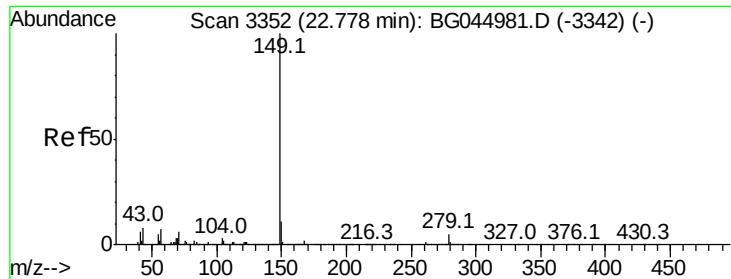


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.178 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: BG045028.D
 Acq: 17 Apr 2020 11:50

Tgt Ion:149 Resp: 856851

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 44.154 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

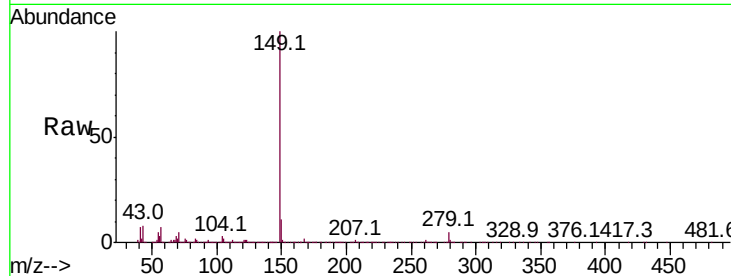
Tot Ion:149 Resp: 1448142

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

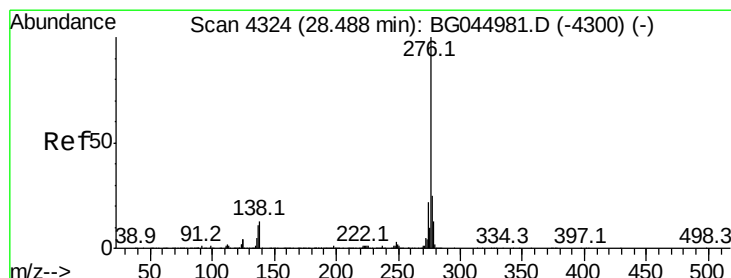
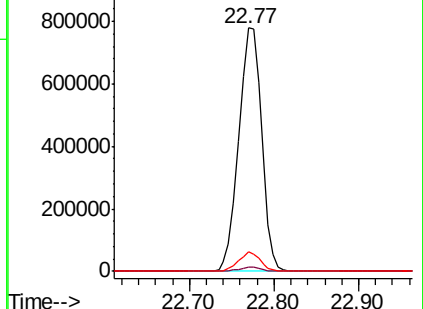
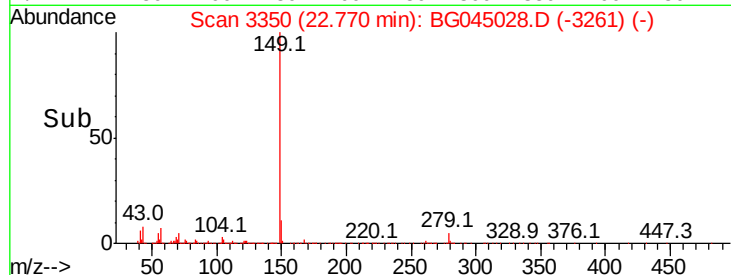
43 7.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.728 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

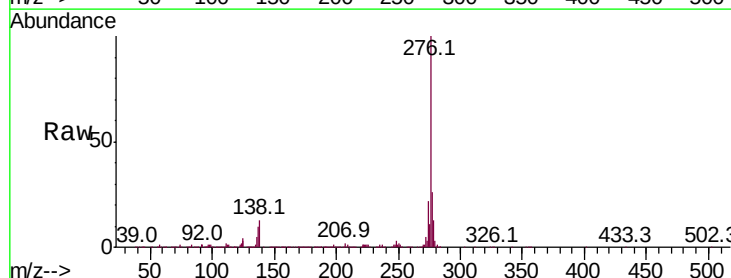
Tgt Ion:276 Resp: 1784606

Ion Ratio Lower Upper

276 100

138 11.6 9.6 14.4

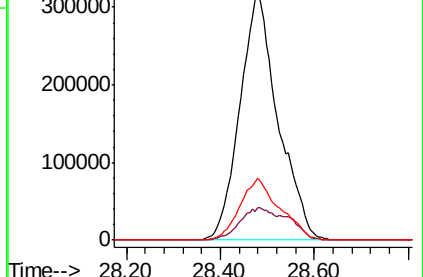
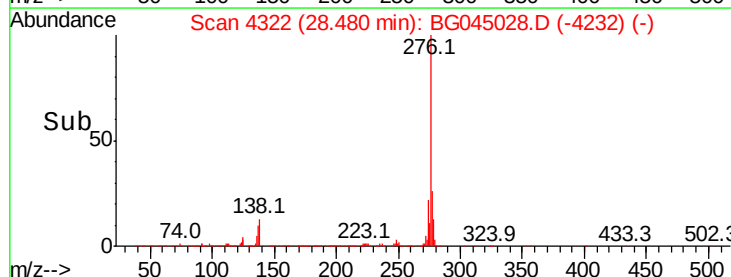
277 26.0 20.6 31.0

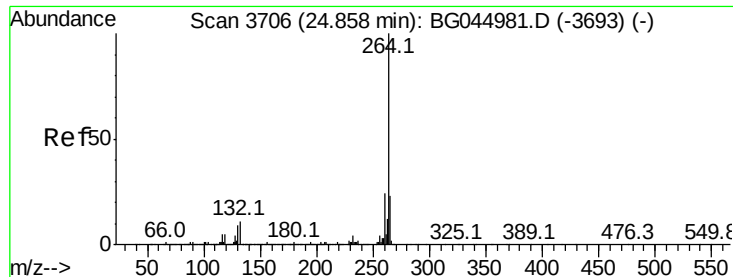


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlène-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

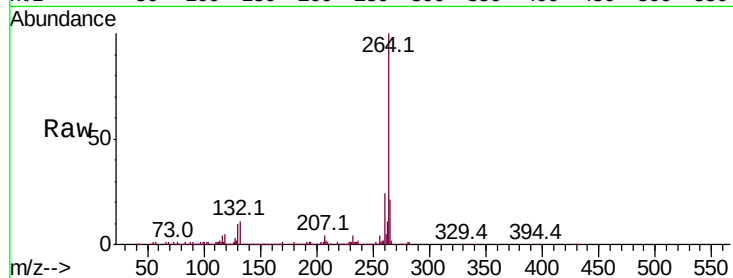
Tot Ion:264 Resp: 531440

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

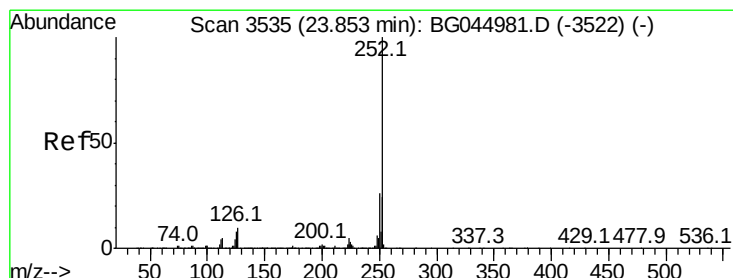
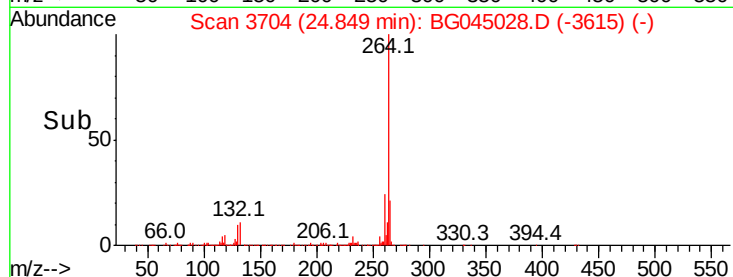
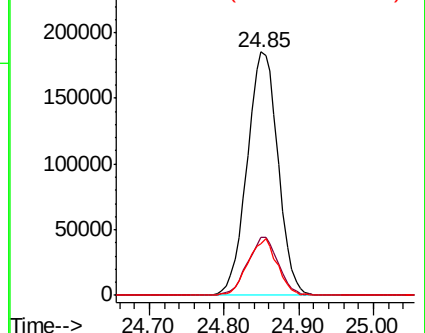
265 21.5 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.570 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

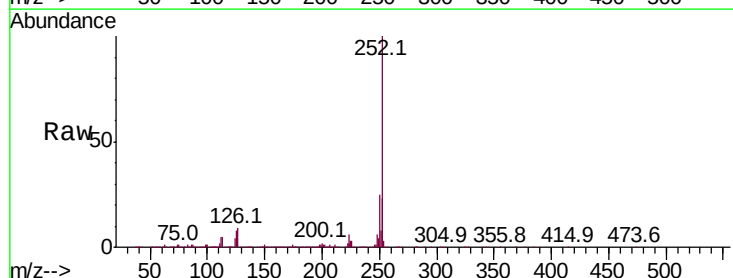
Tgt Ion:252 Resp: 1516989

Ion Ratio Lower Upper

252 100

253 22.9 18.8 28.2

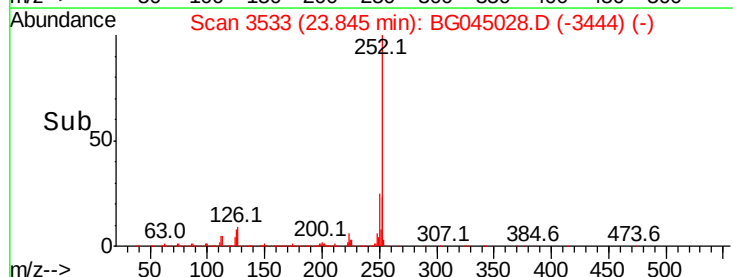
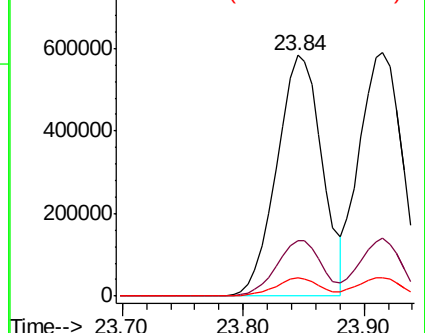
125 7.8 6.2 9.4

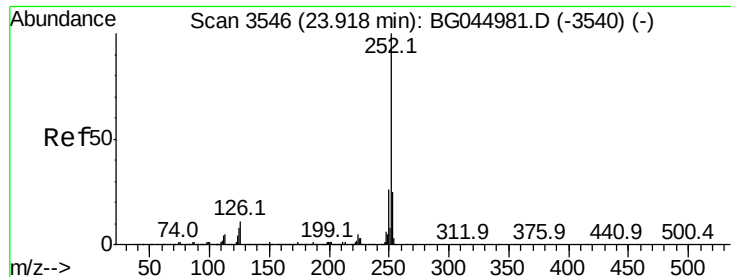


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.615 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB128274BS

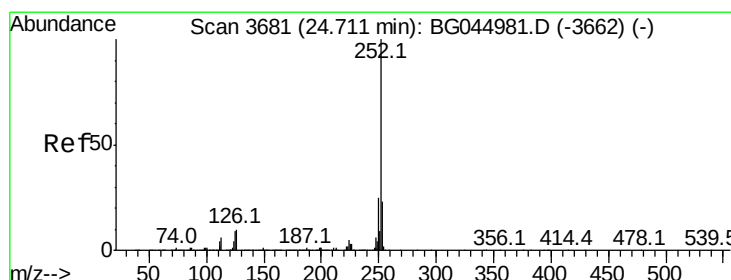
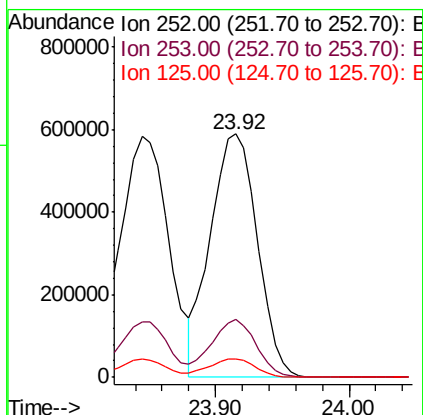
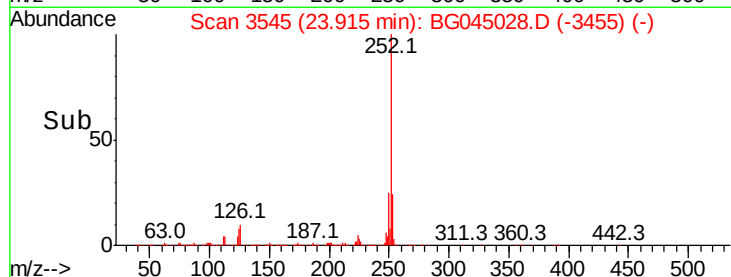
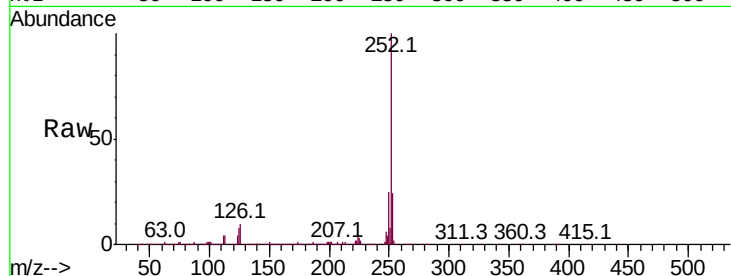
Tot Ion:252 Resp: 1444068

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

125 7.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 44.137 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

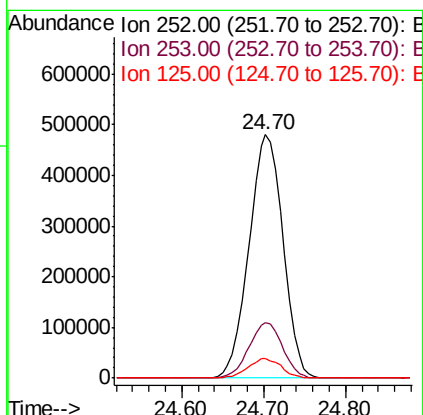
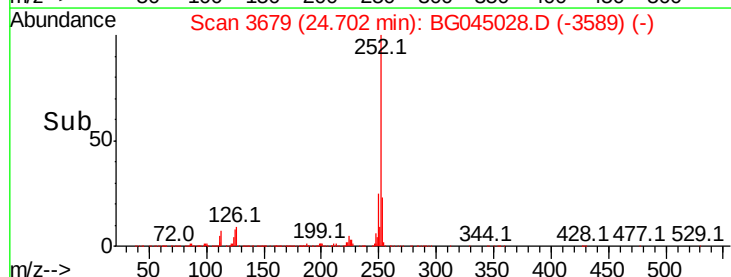
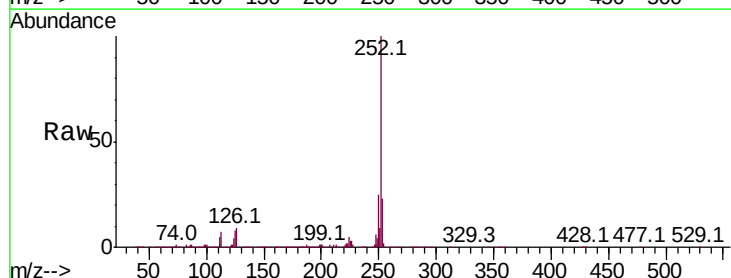
Tgt Ion:252 Resp: 1387220

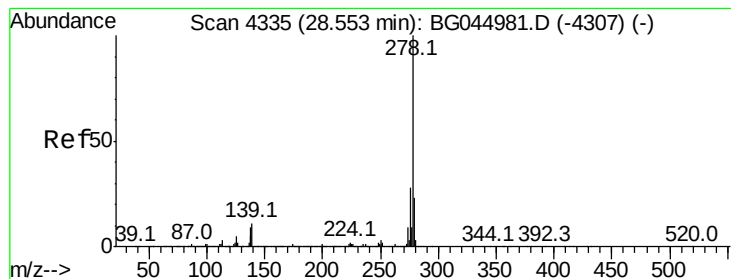
Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 8.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 46.008 ng

RT: 28.54 min Scan# 4333

Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Instrument :

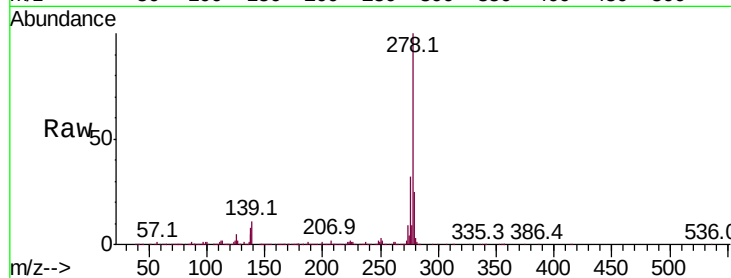
BNA_G

ClientSampleId :

PB128274BS

Tot Ion:278 Resp: 1457081

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.0	13.6
279	25.1	18.4	27.6

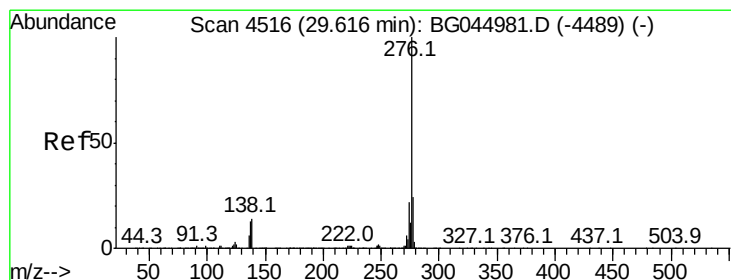
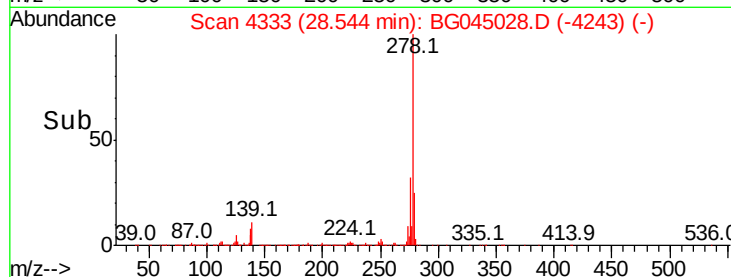
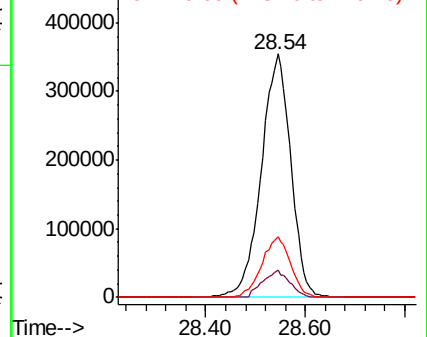


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.596 ng

RT: 29.61 min Scan# 4514

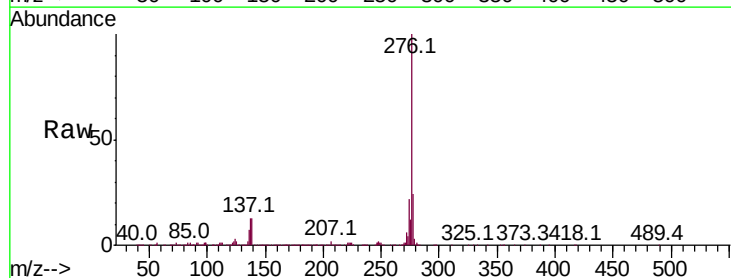
Delta R.T. 0.00 min

Lab File: BG045028.D

Acq: 17 Apr 2020 11:50

Tgt Ion:276 Resp: 1447739

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	12.8	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

