

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045048.D
 Acq On : 18 Apr 2020 2:27
 Operator : CG/JU
 Sample : PB128315BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

Quant Time: Apr 18 04:25:20 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	56755	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247671	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	202480	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	478135	20.00	ng	0.00
76) Chrysene-d12	21.67	240	436946	20.00	ng	0.00
87) Perylene-d12	24.85	264	479812	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	513827	149.47	ng	0.00
7) Phenol-d6	7.19	99	749974	146.83	ng	0.00
23) Nitrobenzene-d5	9.18	82	473948	87.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	422340	135.02	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1187497	86.00	ng	0.00
79) Terphenyl-d14	20.01	244	1972586	98.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	53202	34.823	ng	97
3) Pyridine	3.88	79	157214	33.421	ng	95
4) n-Nitrosodimethylamine	3.79	42	64150	44.517	ng	96
6) Aniline	7.34	93	248225	37.378	ng	98
8) 2-Chlorophenol	7.59	128	202279	54.750	ng	98
9) Benzaldehyde	7.15	77	95470	30.816	ng	97
10) Phenol	7.21	94	274596	53.726	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	183149	45.007	ng	95
12) 1,3-Dichlorobenzene	7.92	146	197675	45.405	ng	98
13) 1,4-Dichlorobenzene	8.06	146	203248	46.852	ng	98
14) 1,2-Dichlorobenzene	8.38	146	193712	46.675	ng	97
15) Benzyl Alcohol	8.26	79	212434	49.607	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	170574	42.702	ng	93
17) 2-Methylphenol	8.46	107	193116	48.971	ng	97
18) Hexachloroethane	9.11	117	77992	47.823	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	177246	49.070	ng	100
20) 3+4-Methylphenols	8.79	107	276201	50.039	ng	98
22) Acetophenone	8.84	105	314912	47.018	ng	99
24) Nitrobenzene	9.23	77	256070	46.024	ng	97
25) Isophorone	9.75	82	505510	45.477	ng	98
26) 2-Nitrophenol	9.94	139	122589	51.151	ng	97
27) 2,4-Dimethylphenol	10.00	122	204364	53.741	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	277932	47.588	ng	99
29) 2,4-Dichlorophenol	10.48	162	230684	52.536	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	233337	46.935	ng	94
31) Naphthalene	10.88	128	637019	47.017	ng	99
32) Benzoic acid	10.15	122	148100	48.182	ng	89
33) 4-Chloroaniline	10.98	127	100831	15.958	ng	97
34) Hexachlorobutadiene	11.18	225	160421	47.064	ng	94
35) Caprolactam	11.75	113	53867	30.824	ng	# 87
36) 4-Chloro-3-methylphenol	12.11	107	274970	53.307	ng	96
37) 2-Methylnaphthalene	12.49	142	511823	48.669	ng	99
38) 1-Methylnaphthalene	12.49	142	511823	51.554	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	283044	43.416	ng	98

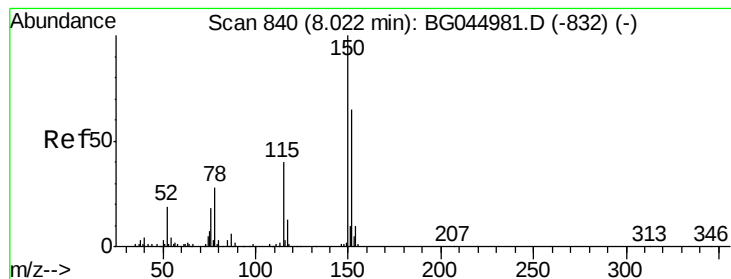
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	417692	102.509	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	219336	47.670	ng	95
44) 2,4,5-Trichlorophenol	13.17	196	238044	45.452	ng	96
46) 1,1'-Biphenyl	13.49	154	674853	43.850	ng	99
47) 2-Chloronaphthalene	13.53	162	526331	44.758	ng	99
48) 2-Nitroaniline	13.73	65	173741	44.905	ng	98
49) Acenaphthylene	14.38	152	880392	45.963	ng	99
50) Dimethylphthalate	14.11	163	760939	46.154	ng	99
51) 2,6-Dinitrotoluene	14.23	165	171933	46.624	ng	97
52) Acenaphthene	14.72	154	559151	43.145	ng	99
53) 3-Nitroaniline	14.55	138	96193	23.784	ng	96
54) 2,4-Dinitrophenol	14.76	184	225768	102.960	ng	95
55) Dibenzofuran	15.06	168	865974	45.832	ng	98
56) 4-Nitrophenol	14.87	139	285853	91.154	ng	98
57) 2,4-Dinitrotoluene	15.01	165	248516	46.115	ng	97
58) Fluorene	15.71	166	722280	46.800	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	239244	51.340	ng	98
60) Diethylphthalate	15.48	149	779543	45.351	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	405722	45.673	ng	96
62) 4-Nitroaniline	15.72	138	173957	41.469	ng	93
63) Azobenzene	15.99	77	735185	46.390	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	165206	52.566	ng	96
66) n-Nitrosodiphenylamine	15.91	169	656302	47.774	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	283118	45.899	ng	96
68) Hexachlorobenzene	16.72	284	306320	47.883	ng	98
69) Atrazine	16.86	200	269427	54.813	ng	100
70) Pentachlorophenol	17.06	266	382018	97.342	ng	97
71) Phenanthrene	17.44	178	1168000	47.537	ng	100
72) Anthracene	17.54	178	1184363	48.054	ng	99
73) Carbazole	17.80	167	1091823	43.653	ng	99
74) Di-n-butylphthalate	18.37	149	1298890	48.130	ng	99
75) Fluoranthene	19.45	202	1424567	50.016	ng	99
77) Benzidine	19.62	184	721284	58.822	ng	98
78) Pyrene	19.81	202	1382100	45.882	ng	98
80) Butylbenzylphthalate	20.70	149	565618	45.299	ng	98
81) Benzo(a)anthracene	21.64	228	1331439	47.014	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	369768	32.804	ng	# 97
83) Chrysene	21.72	228	1272942	46.781	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	790296	46.019	ng	99
85) Di-n-octyl phthalate	22.77	149	1348497	45.409	ng	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1724371	47.731	ng	# 97
88) Benzo(b)fluoranthene	23.85	252	1485884	49.438	ng	98
89) Benzo(k)fluoranthene	23.91	252	1357128	47.481	ng	98
90) Benzo(a)pyrene	24.71	252	1336802	47.109	ng	98
91) Dibenzo(a,h)anthracene	28.54	278	1400524	48.980	ng	97
92) Benzo(g,h,i)perylene	29.61	276	1409428	49.166	ng	98

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

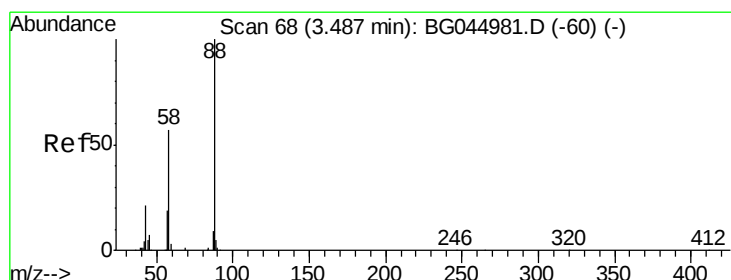
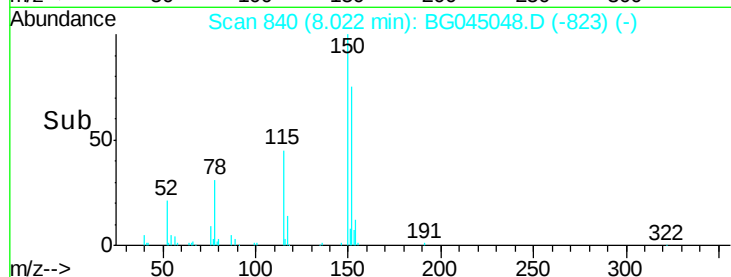
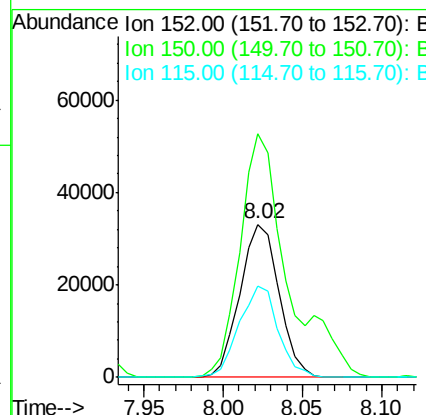
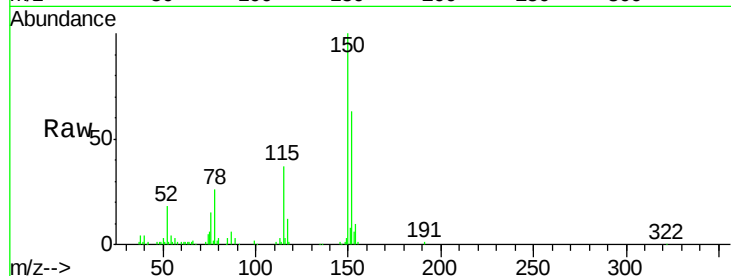


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Instrument :
BNA_G
ClientSampleId :
PB128315BS

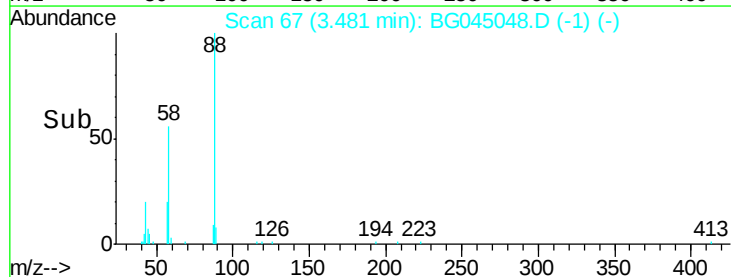
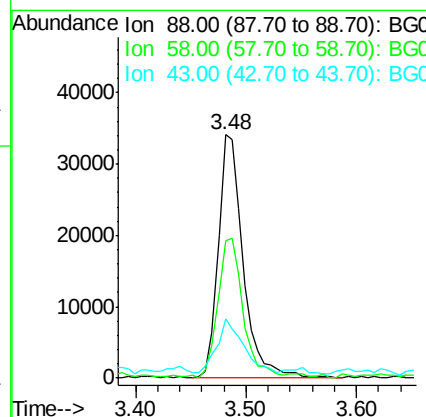
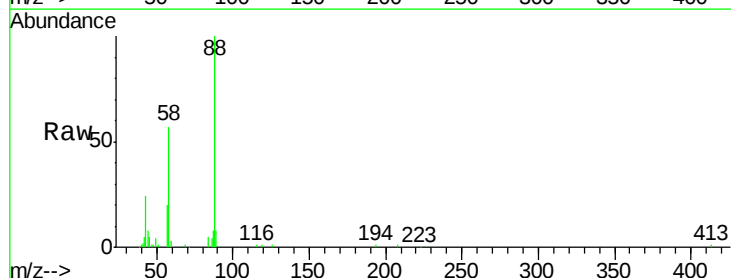
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Ion Ratio Lower Upper
152 100
150 159.0 123.6 185.4
115 59.6 49.1 73.7

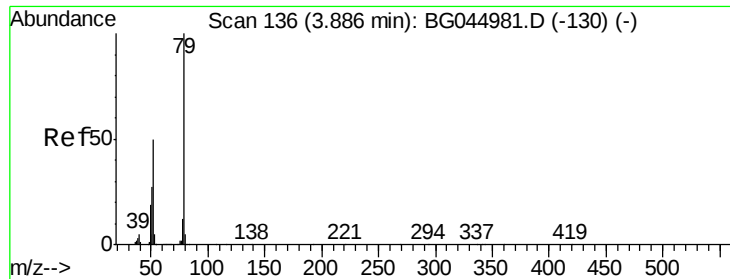


#2

1,4-Dioxane
Concen: 34.823 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion: 88 Resp: 53202
Ion Ratio Lower Upper
88 100
58 55.4 46.6 69.8
43 22.7 17.5 26.3





#3

Pvridine

Concen: 33.421 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

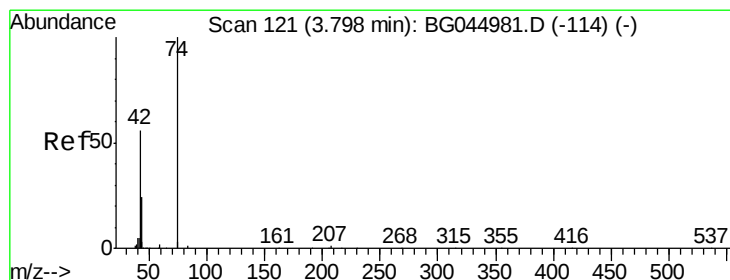
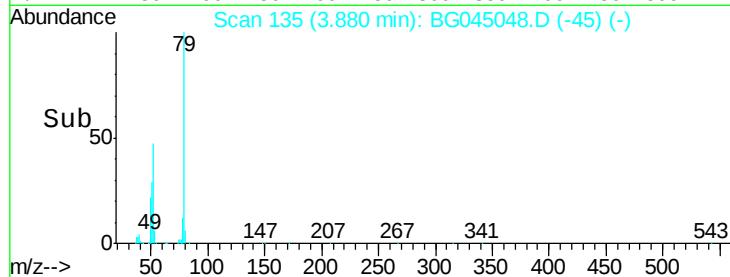
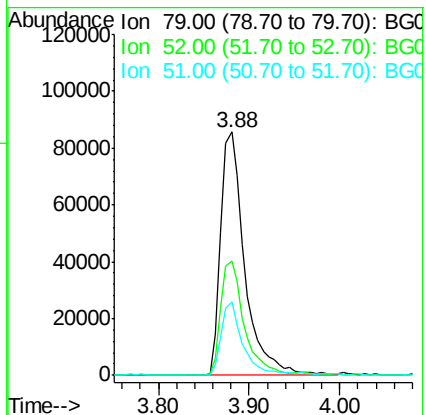
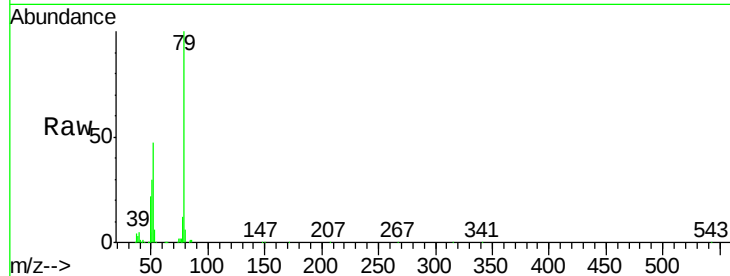
Tot Ion: 79 Resp: 157214

Ion Ratio Lower Upper

79 100

52 46.9 39.8 59.6

51 30.1 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 44.517 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

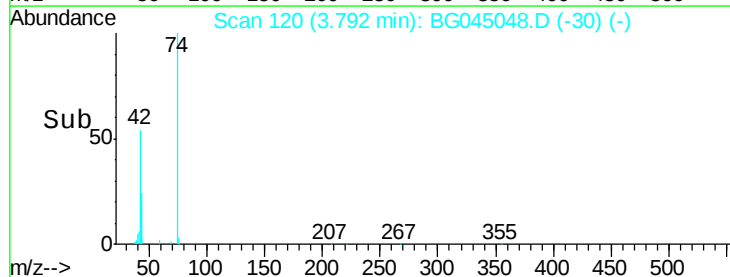
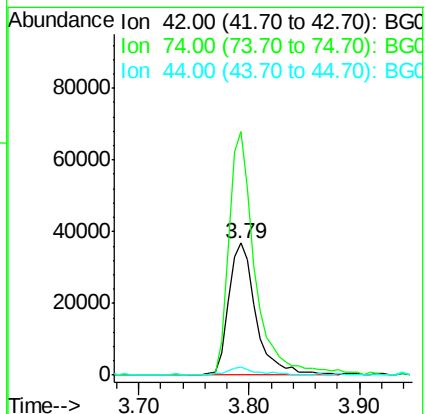
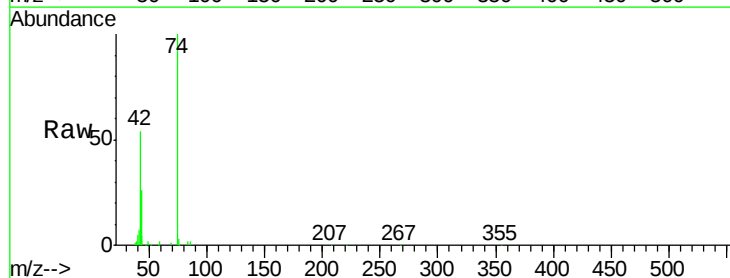
Tgt Ion: 42 Resp: 64150

Ion Ratio Lower Upper

42 100

74 184.4 143.0 214.6

44 6.6 4.6 6.8





#5

2-Fluorophenol

Concen: 149.467 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

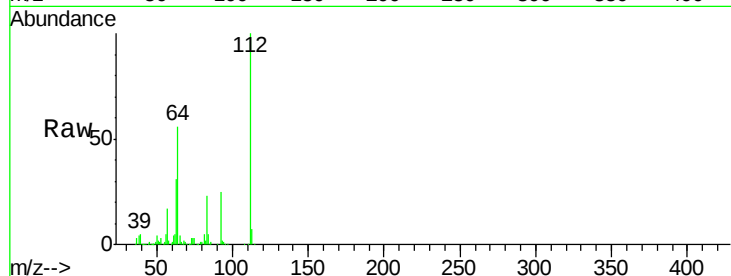
Tot Ion: 112 Resp: 513827

Ion Ratio Lower Upper

112 100

64 55.5 42.4 63.6

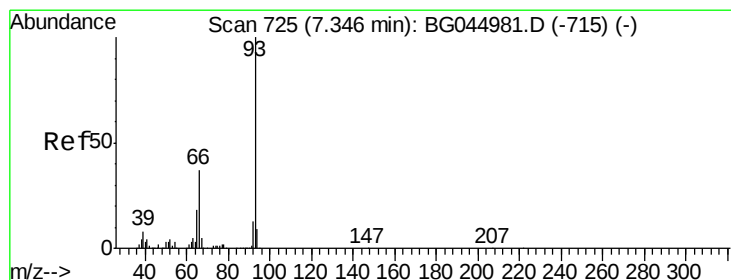
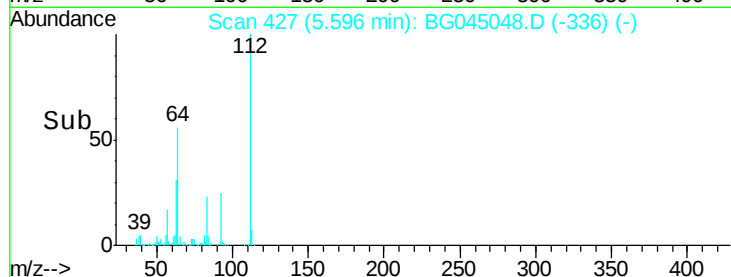
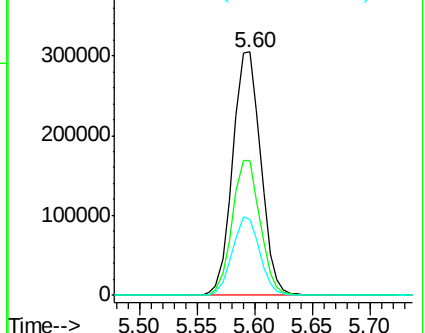
63 31.1 23.1 34.7



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: 37.378 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

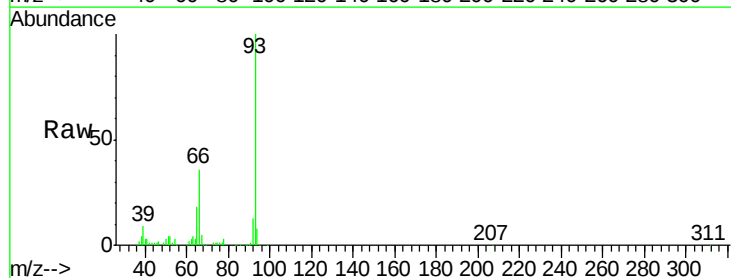
Tgt Ion: 93 Resp: 248225

Ion Ratio Lower Upper

93 100

66 35.7 29.8 44.8

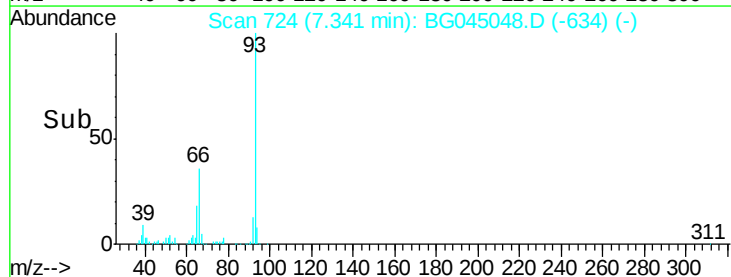
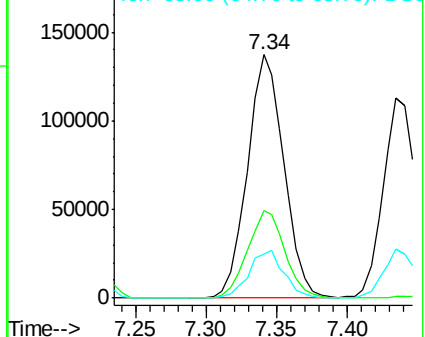
65 18.3 14.6 22.0

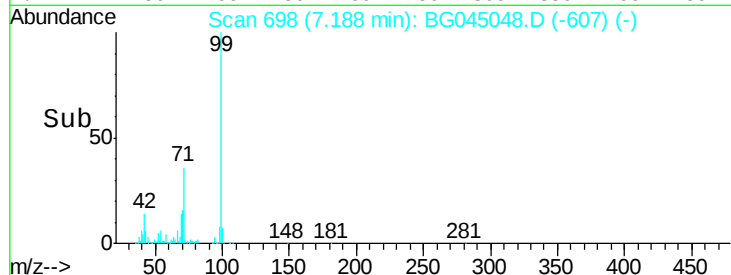
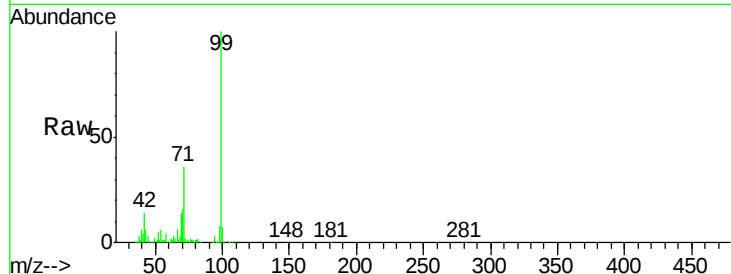
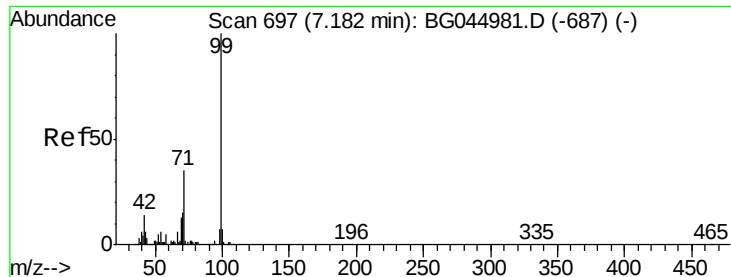


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.835 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

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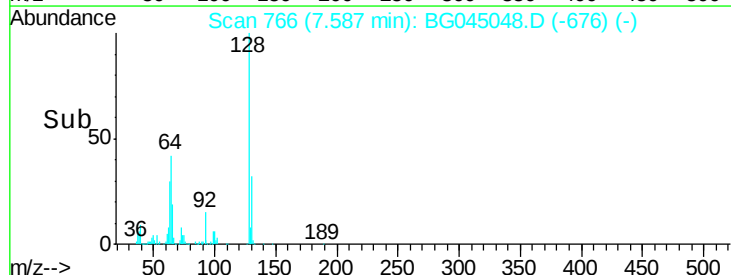
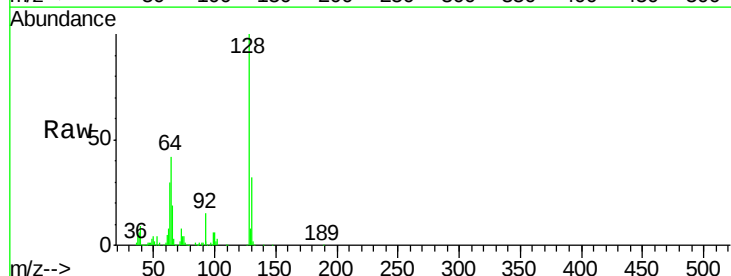
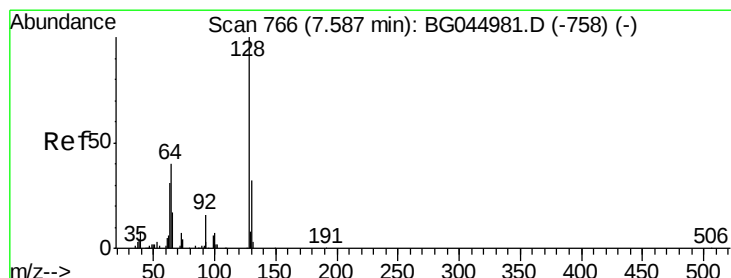
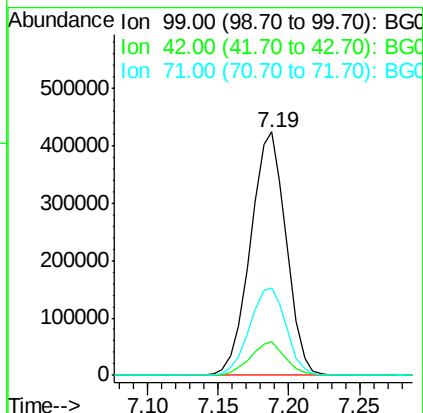
Tot Ion: 99 Resp: 749974

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 36.1 28.3 42.5



#8

2-Chlorophenol

Concen: 54.750 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

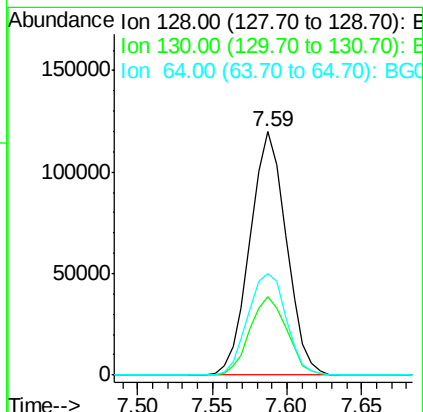
Tgt Ion:128 Resp: 202279

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 42.0 24.4 64.4





#9

Benzaldehyde

Concen: 30.816 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

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Acq: 18 Apr 2020 2:27

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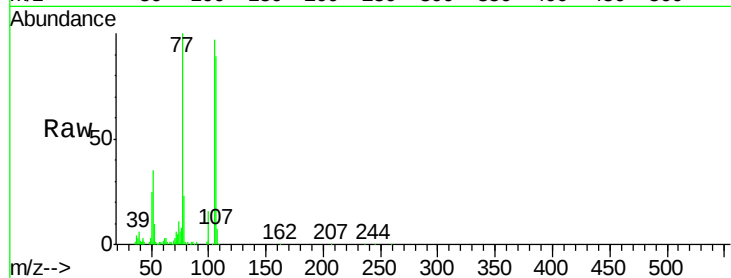
Tot Ion: 77 Resp: 95470

Ion Ratio Lower Upper

77 100

105 96.9 72.9 112.9

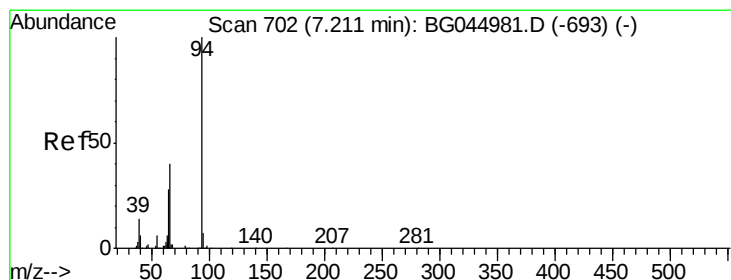
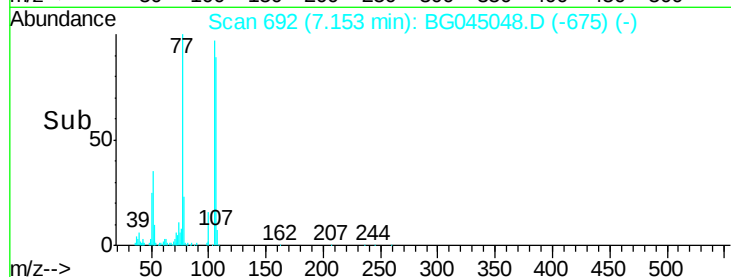
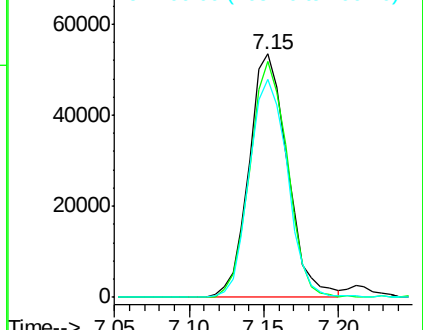
106 89.3 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.726 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

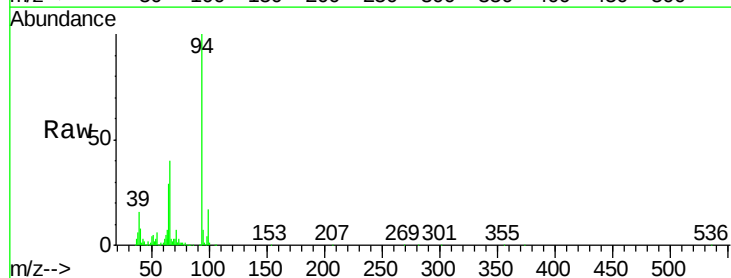
Tgt Ion: 94 Resp: 274596

Ion Ratio Lower Upper

94 100

65 29.0 8.2 48.2

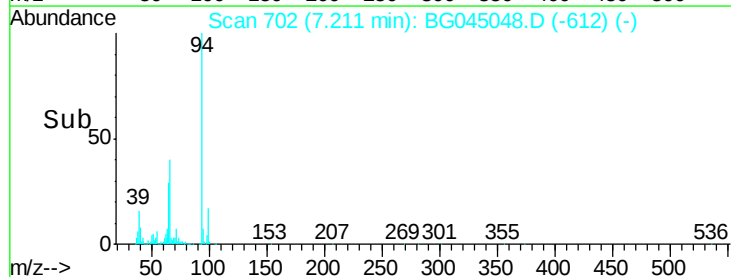
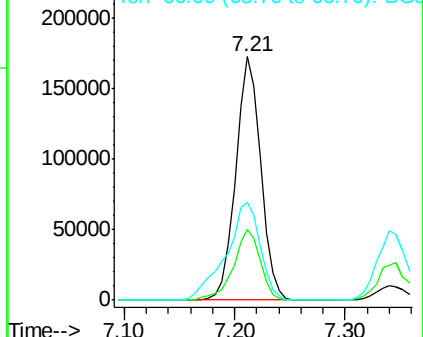
66 40.3 20.4 60.4

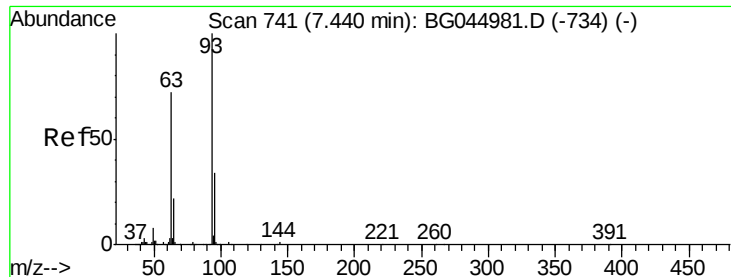


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

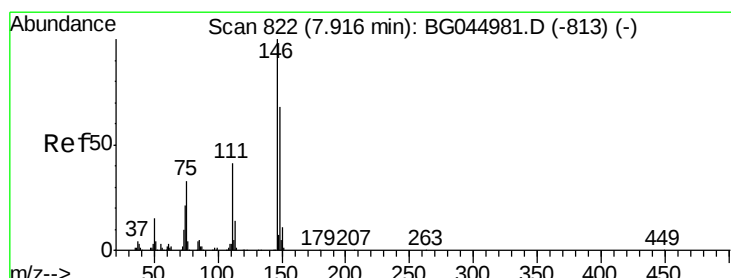
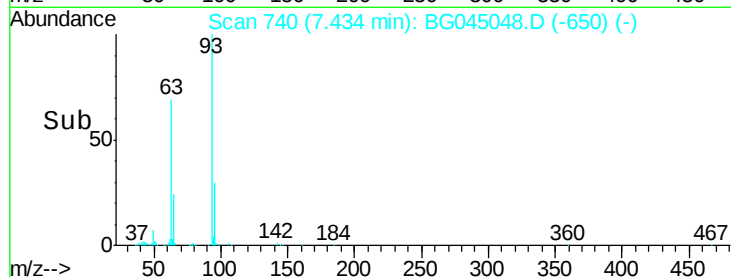
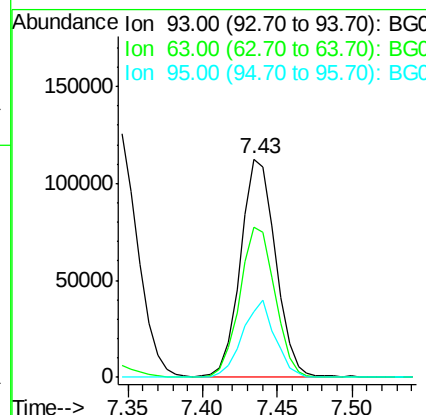
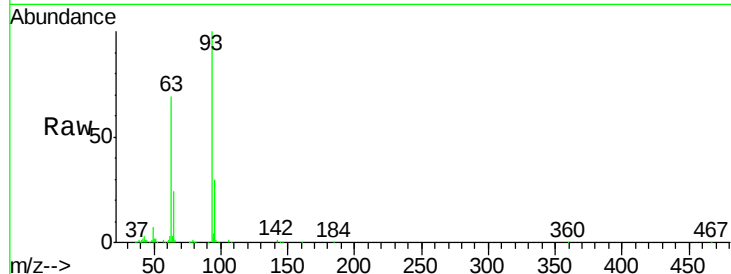




#11
 bis(2-Chloroethyl)ether
 Concen: 45.007 ng
 RT: 7.43 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

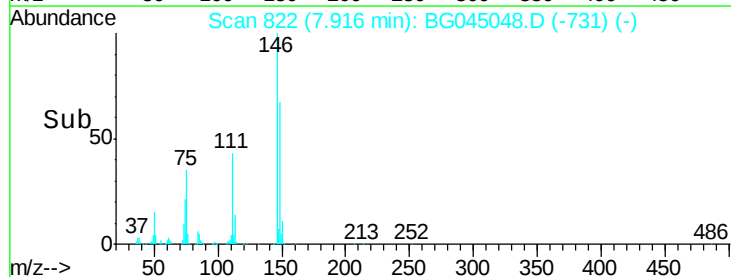
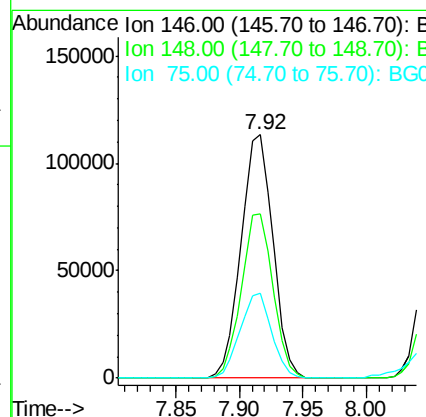
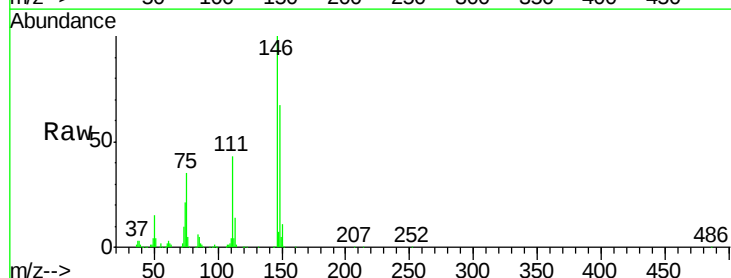
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

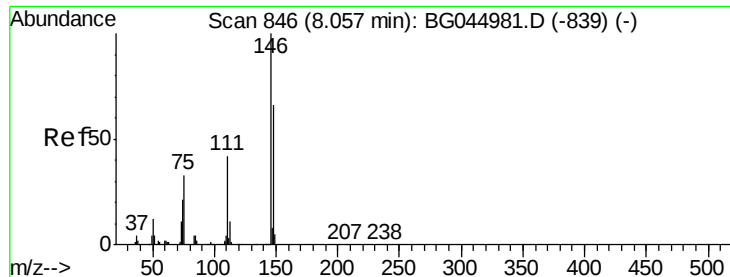
Tot Ion: 93 Resp: 183149
 Ion Ratio Lower Upper
 93 100
 63 68.7 51.8 91.8
 95 30.0 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 45.405 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion: 146 Resp: 197675
 Ion Ratio Lower Upper
 146 100
 148 67.2 54.6 81.8
 75 34.7 26.0 39.0

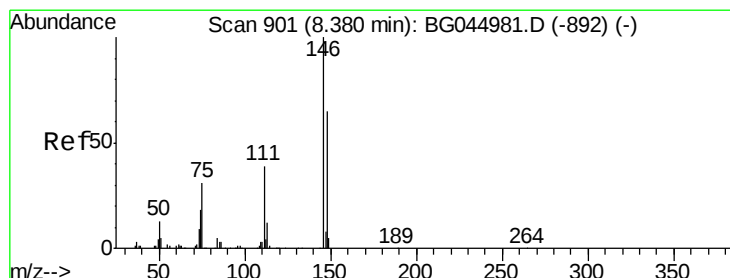
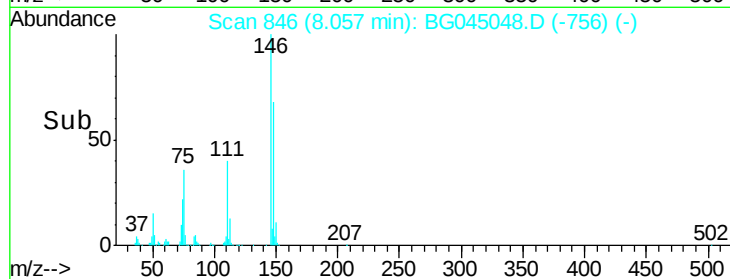
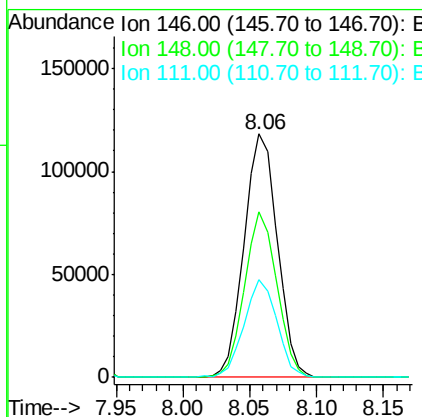
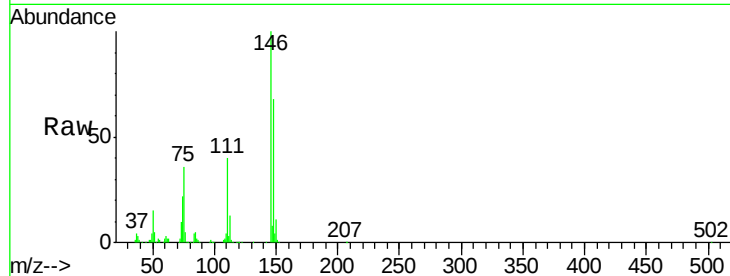




#13
 1,4-Dichlorobenzene
 Concen: 46.852 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

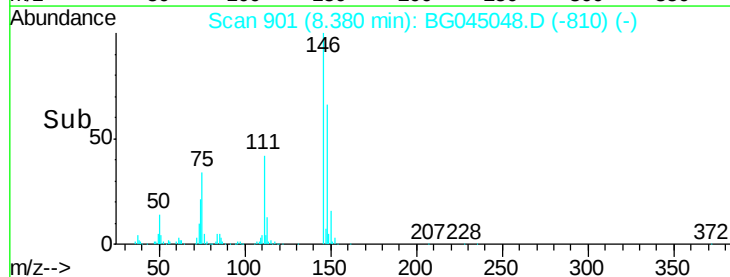
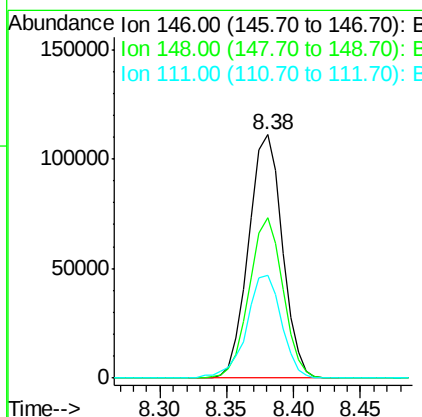
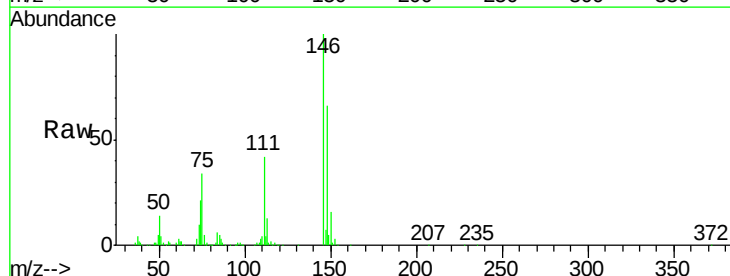
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

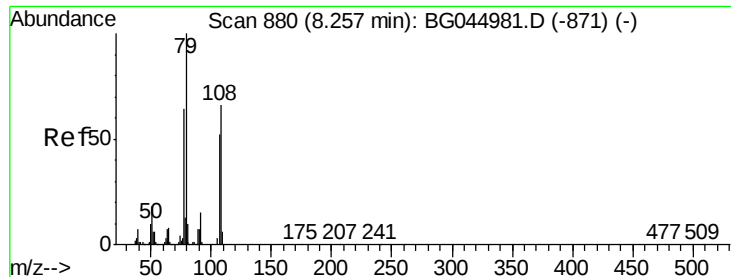
Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	67.7	53.3	79.9	
111	40.3	33.8	50.8	



#14
 1,2-Dichlorobenzene
 Concen: 46.675 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.9	51.9	77.9	
111	42.2	31.3	46.9	





#15

Benzyl Alcohol

Concen: 49.607 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

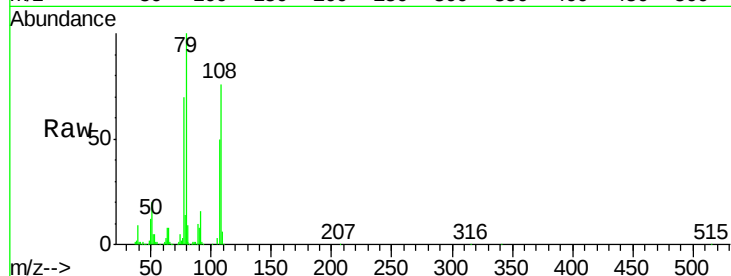
Tot Ion: 79 Resp: 212434

Ion Ratio Lower Upper

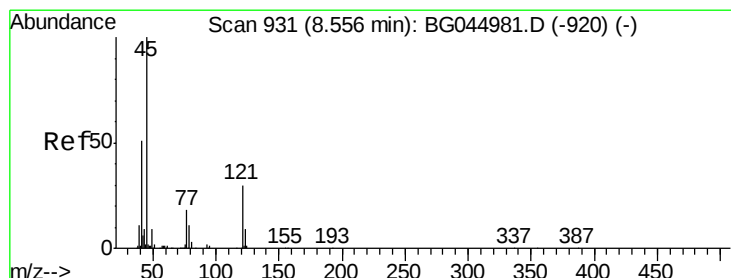
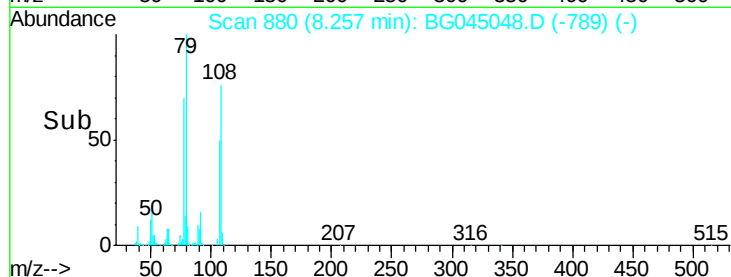
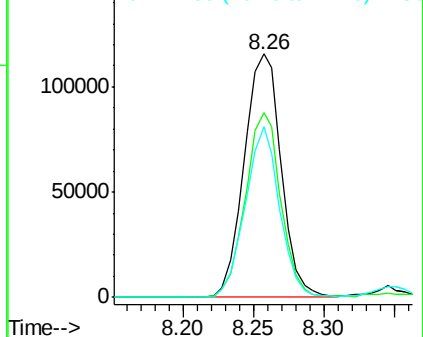
79 100

108 75.7 52.7 79.1

77 70.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.702 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

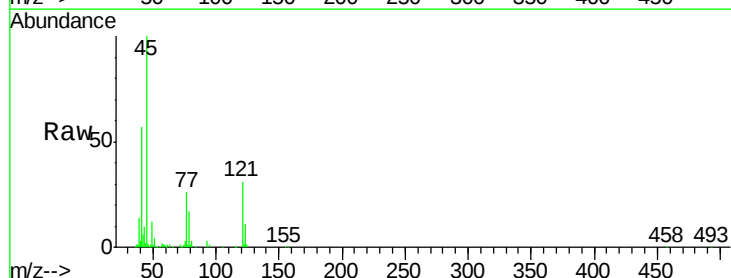
Tgt Ion: 45 Resp: 170574

Ion Ratio Lower Upper

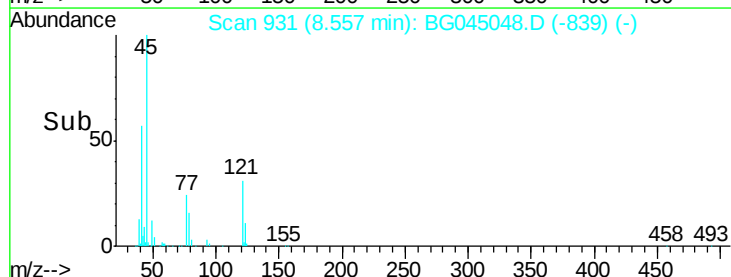
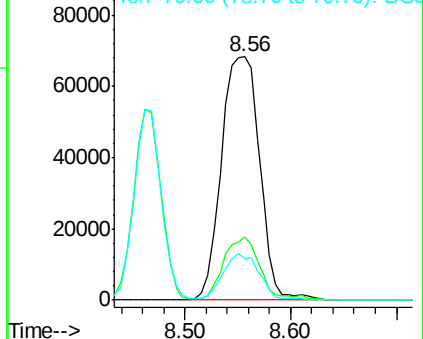
45 100

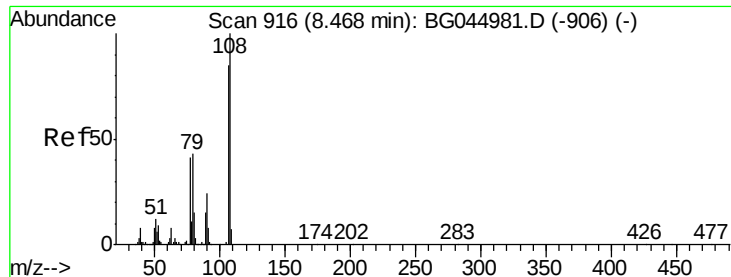
77 26.2 1.9 41.9

79 17.1 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.971 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

Tot Ion:107 Resp: 193116

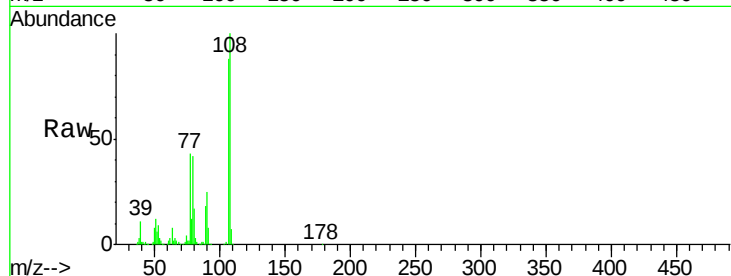
Ion Ratio Lower Upper

107 100

108 113.6 93.8 140.6

77 48.6 38.5 57.7

79 48.1 40.1 60.1



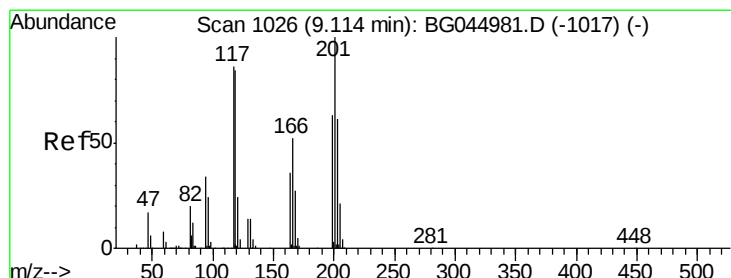
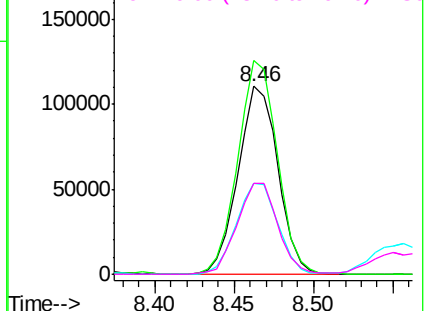
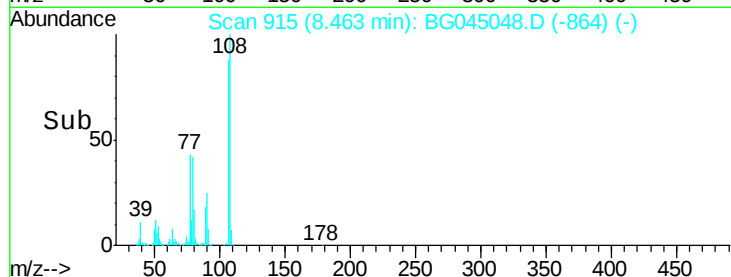
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.823 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

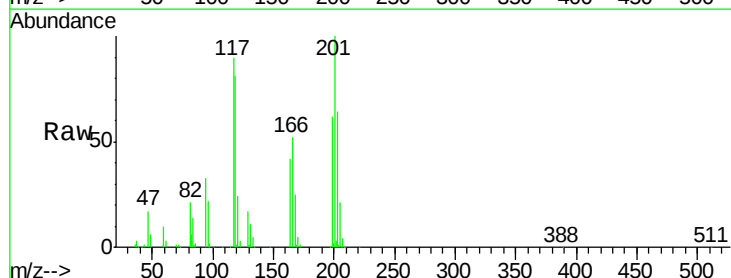
Tgt Ion:117 Resp: 77992

Ion Ratio Lower Upper

117 100

119 89.2 78.3 117.5

201 110.6 92.9 139.3

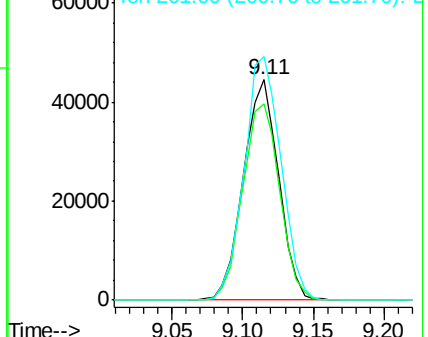
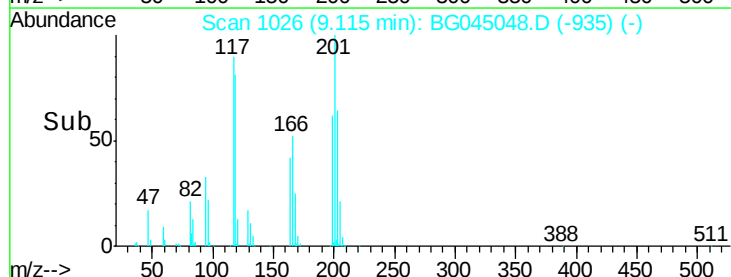


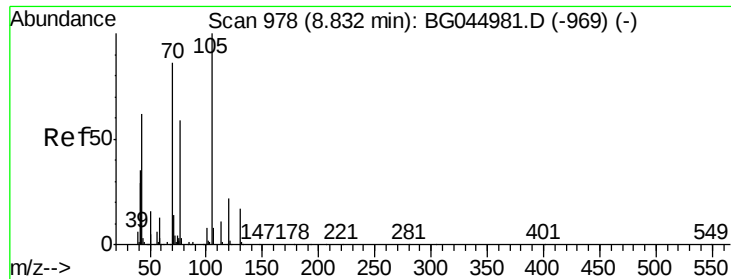
Abundance

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

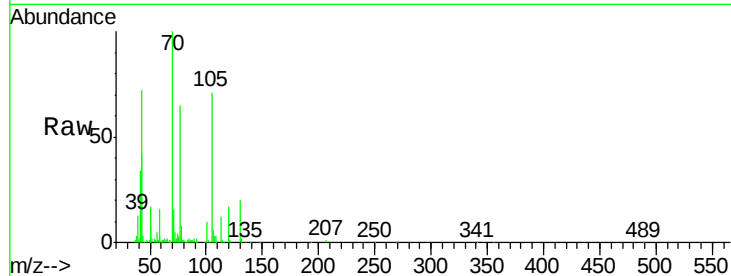




#19
n-Nitroso-di-n-propylamine
Concen: 49.070 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Instrument :
BNA_G
ClientSampleId :
PB128315BS

Tot Ion:	70	Resp:	177246
Ion	Ratio	Lower	Upper
70	100		
42	41.6	33.3	49.9
101	9.8	7.8	11.8
130	20.5	15.8	23.6



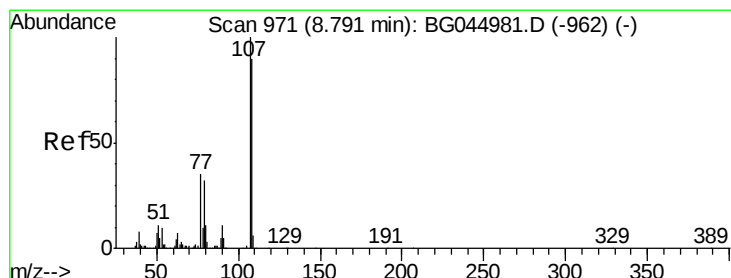
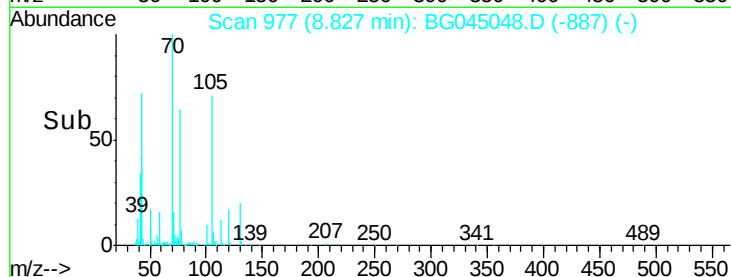
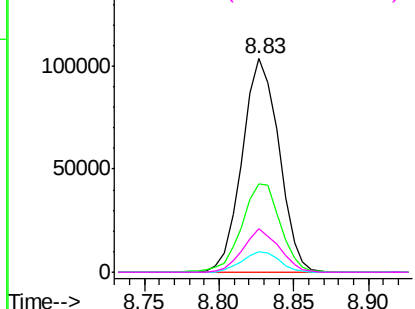
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

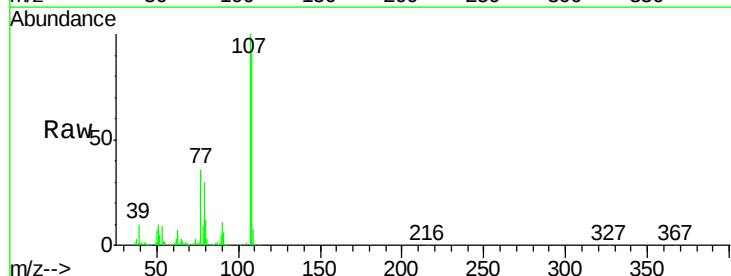
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 50.039 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion:	107	Resp:	276201
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	36.4	15.2	55.2
79	30.2	11.6	51.6



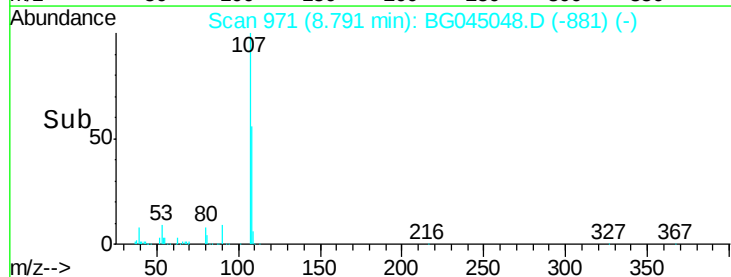
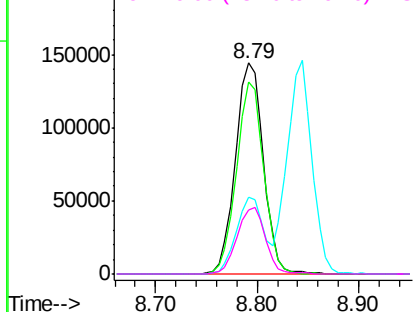
Abundance

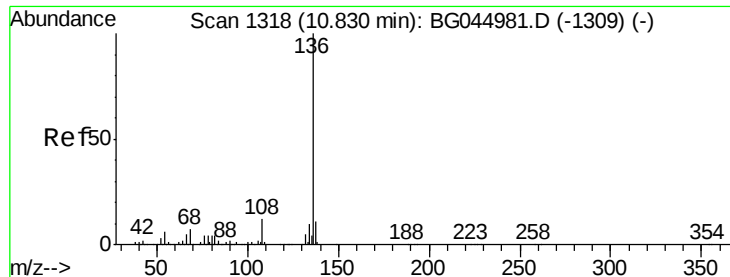
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

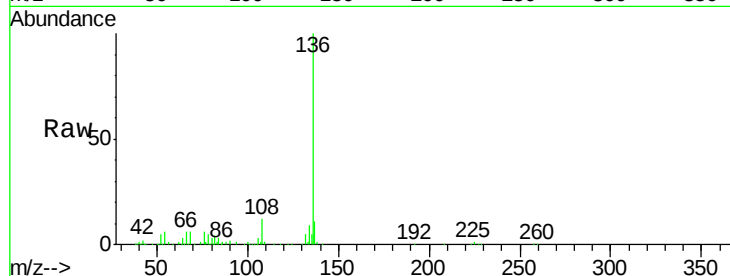




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Instrument :
BNA_G
ClientSampleId :
PB128315BS

Tot Ion:136	Resp:	247671
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	13.0
54 6.1	4.8	7.2
68 5.9	5.2	7.8



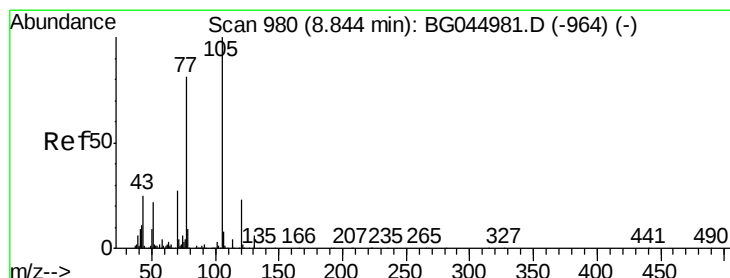
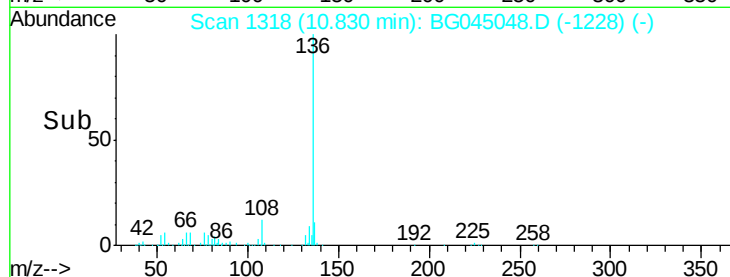
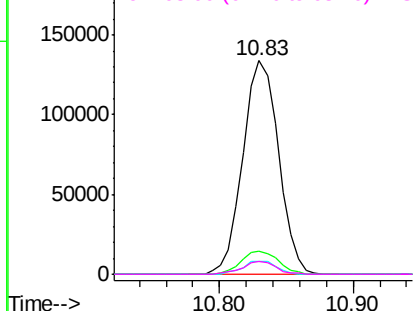
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

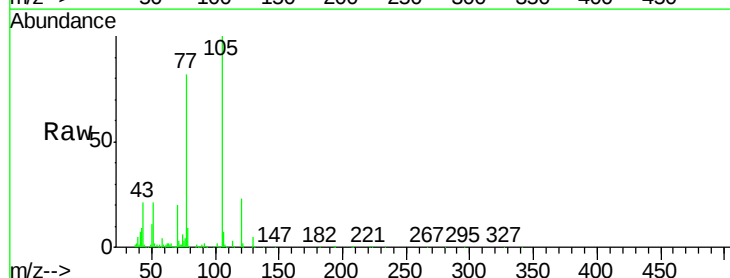
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.018 ng
RT: 8.84 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt	Ion:105	Resp:	314912
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.3	4.9
51	21.0	17.3	25.9
120	22.9	18.4	27.6



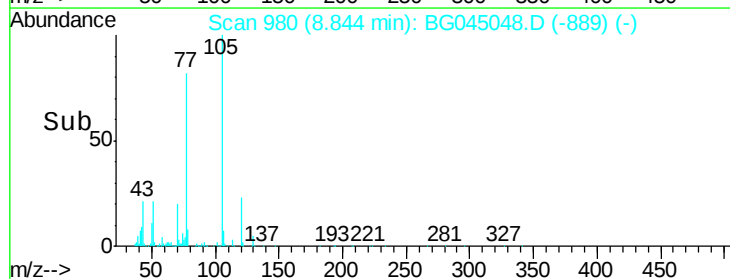
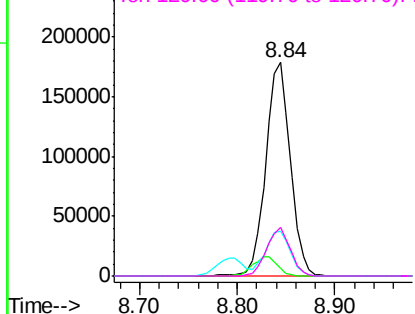
Abundance

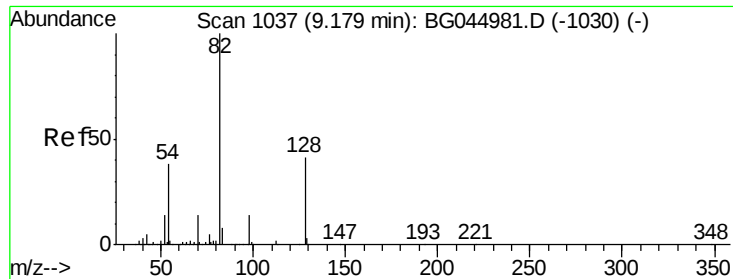
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

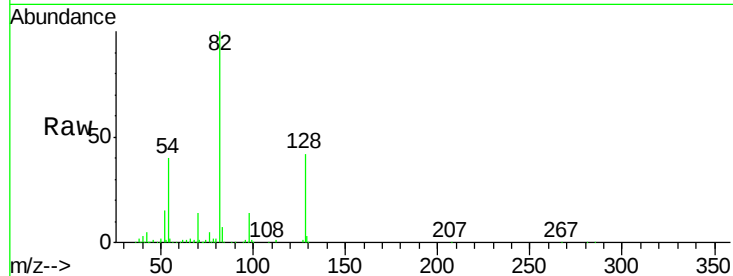




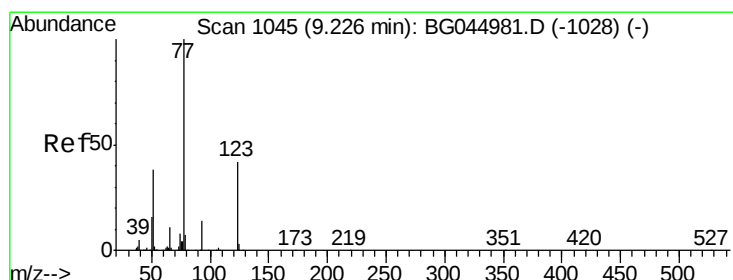
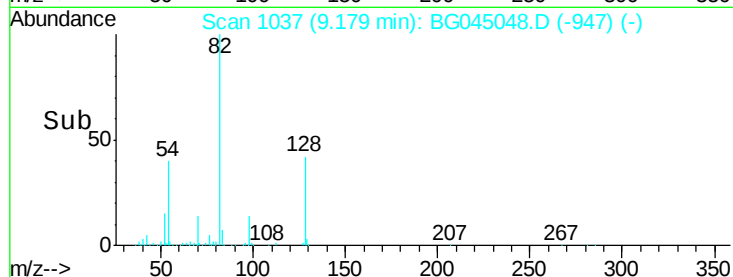
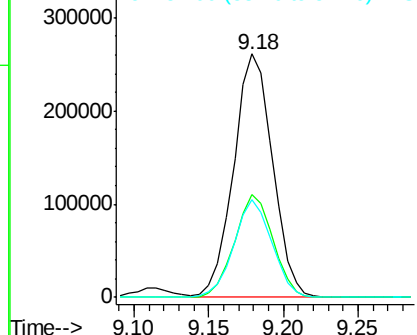
#23
 Nitrobenzene-d5
 Concen: 87.316 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

Tot Ion: 82 Resp: 473948
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.0 49.4
 54 39.9 30.4 45.6

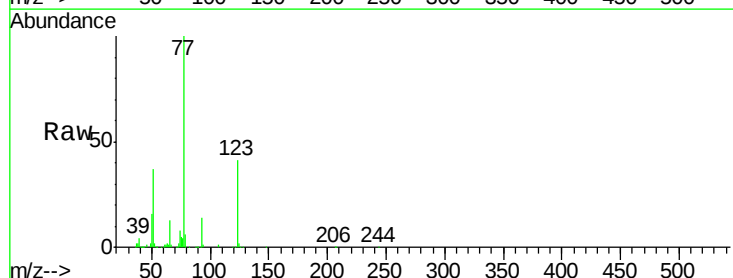


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

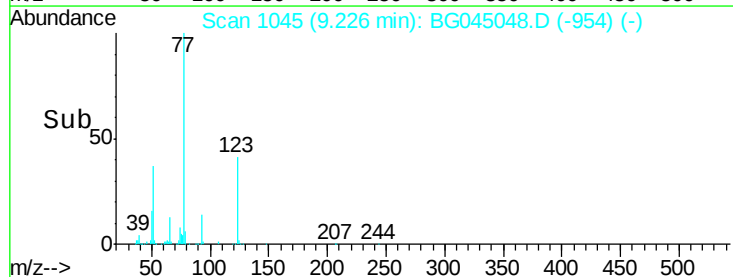
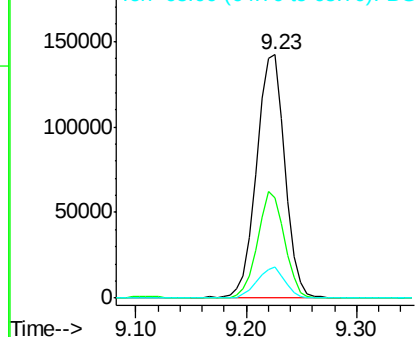


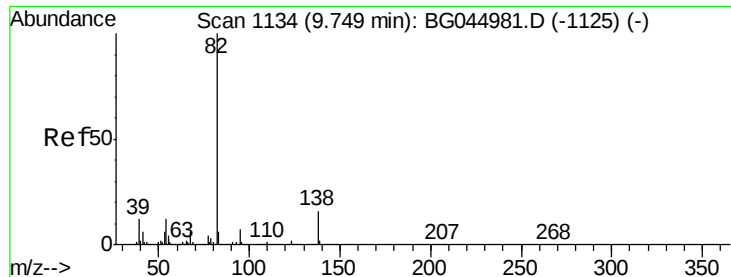
#24
 Nitrobenzene
 Concen: 46.024 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion: 77 Resp: 256070
 Ion Ratio Lower Upper
 77 100
 123 41.1 34.3 51.5
 65 12.8 8.9 13.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.477 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

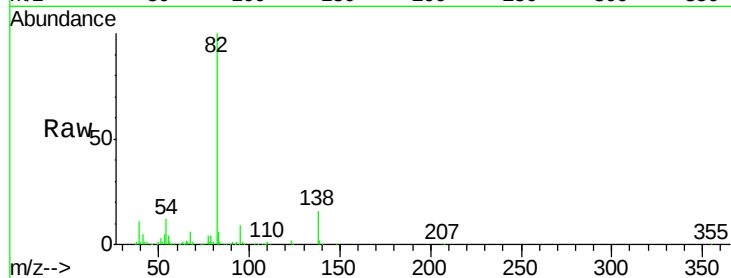
Tot Ion: 82 Resp: 505510

Ion Ratio Lower Upper

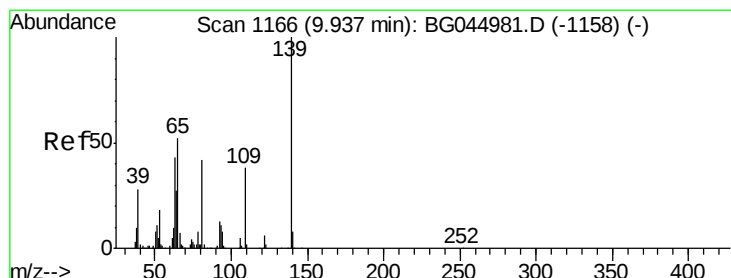
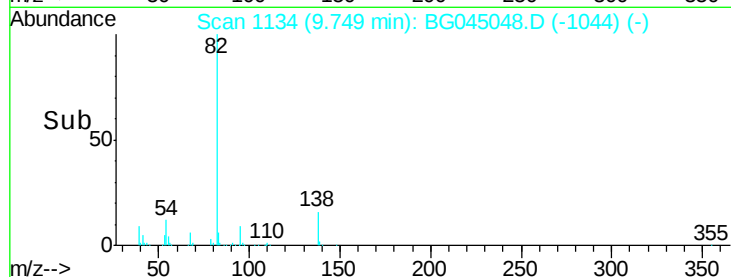
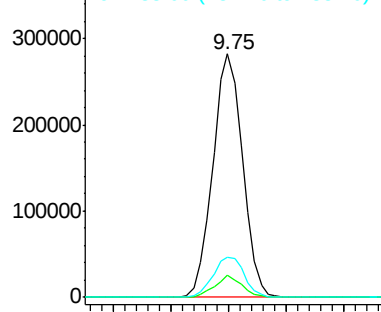
82 100

95 8.9 6.0 9.0

138 16.4 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: 51.151 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

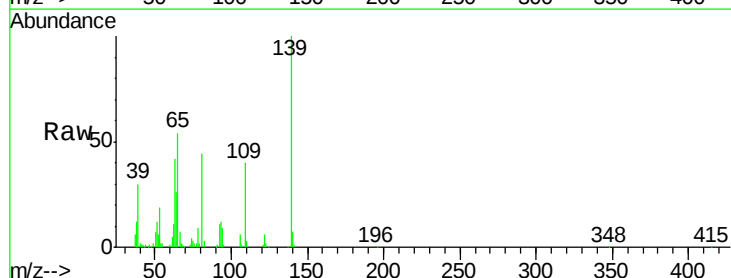
Tgt Ion: 139 Resp: 122589

Ion Ratio Lower Upper

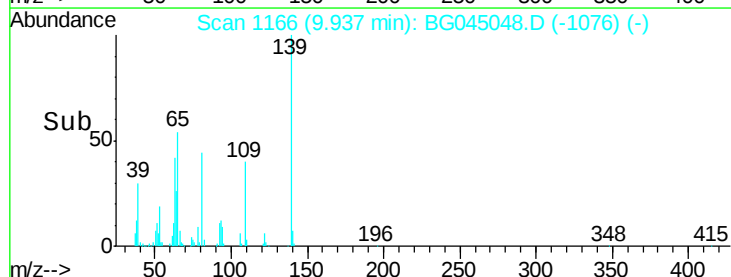
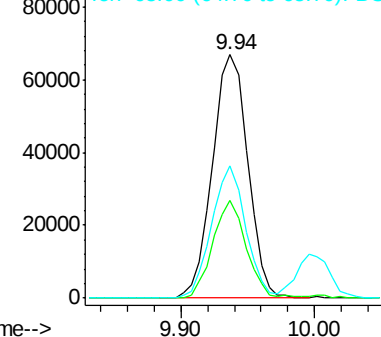
139 100

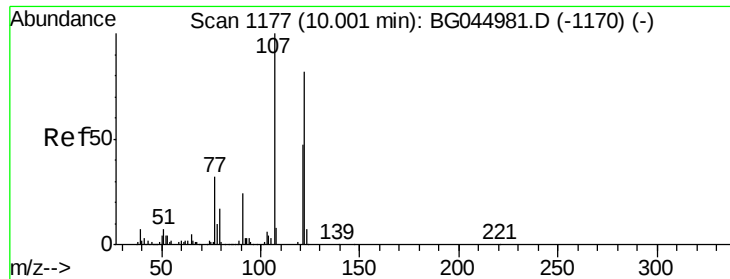
109 40.3 30.6 45.8

65 54.2 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

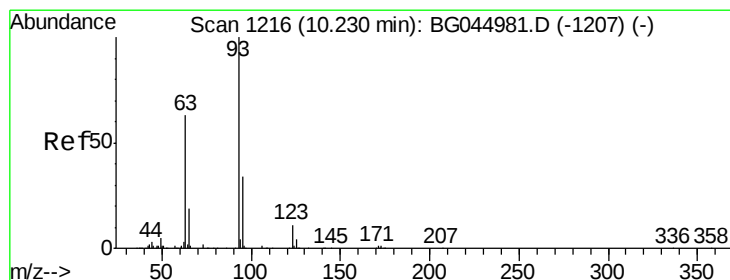
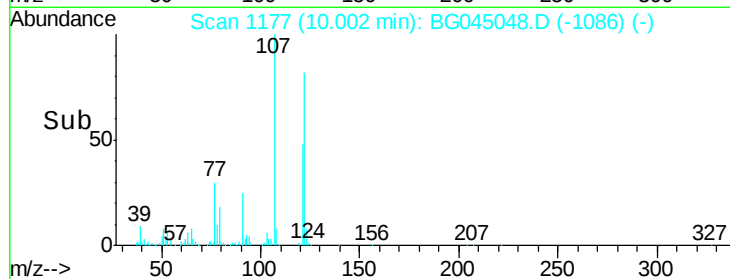
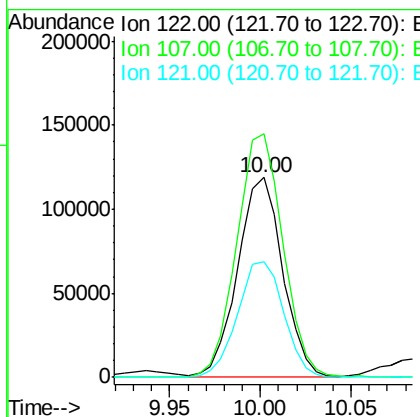
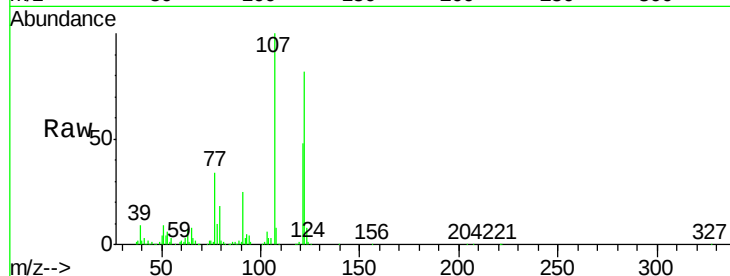




#27
 2,4-Dimethylphenol
 Concen: 53.741 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

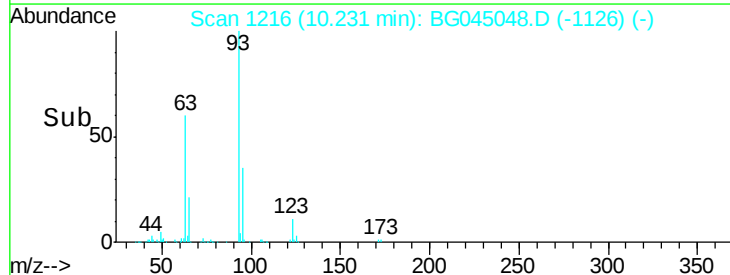
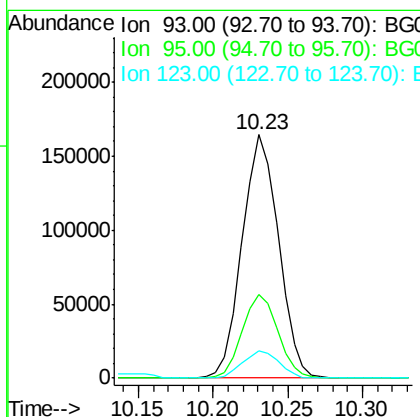
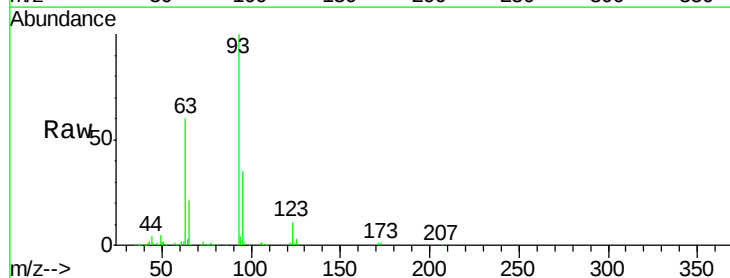
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

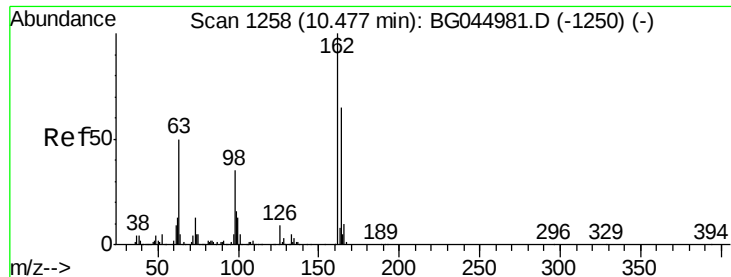
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	96.8	145.2
121	58.0	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.588 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	27.0	40.4
123	11.0	8.7	13.1

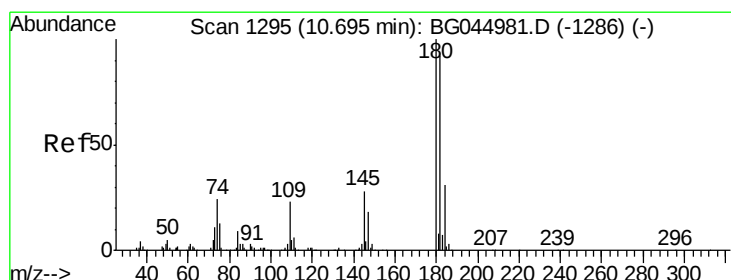
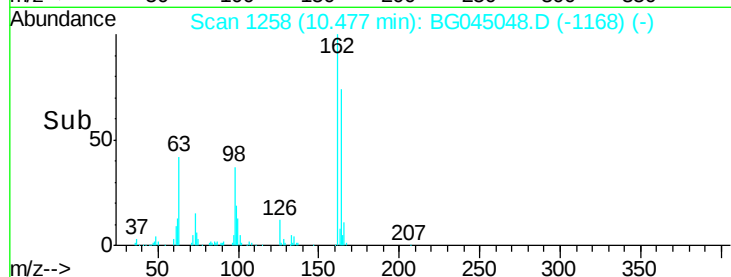
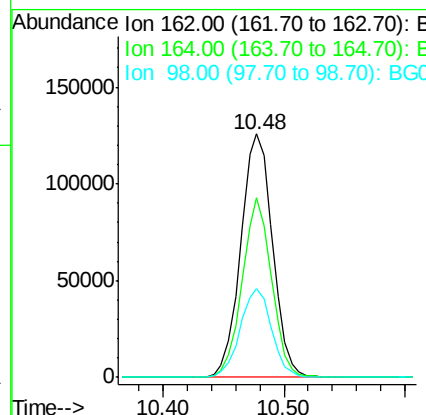
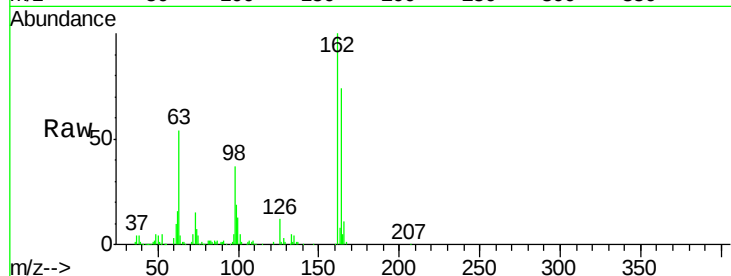




#29
 2,4-Dichlorophenol
 Concen: 52.536 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

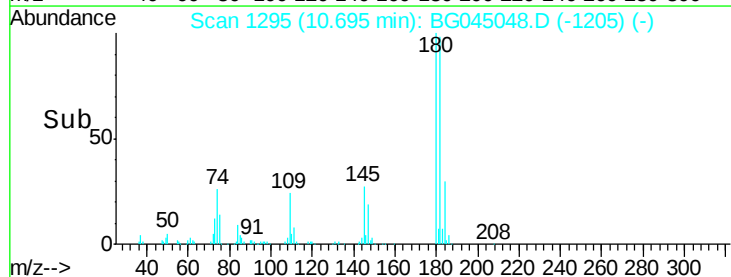
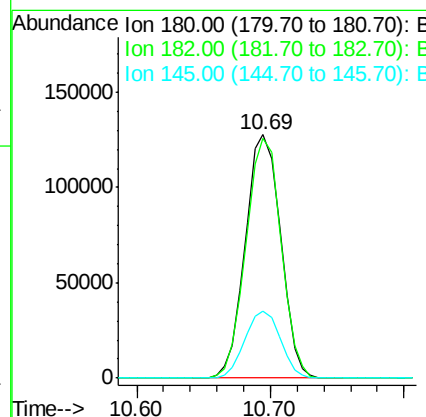
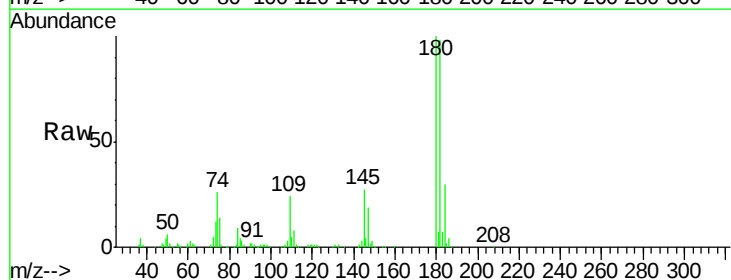
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

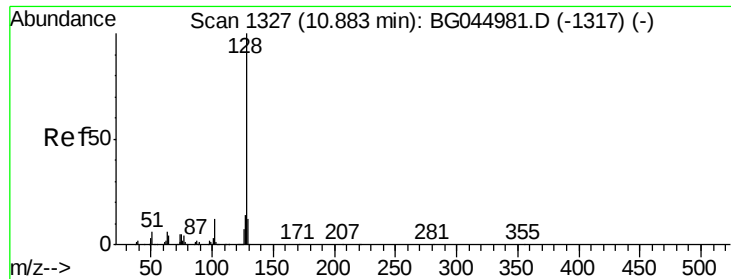
Tot Ion	Ratio	Lower	Upper
162	100		
164	73.6	45.0	85.0
98	36.6	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.935 ng
 RT: 10.69 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	73.3	109.9
145	27.4	22.6	33.8

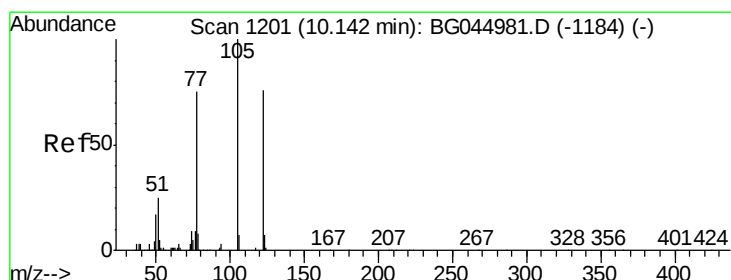
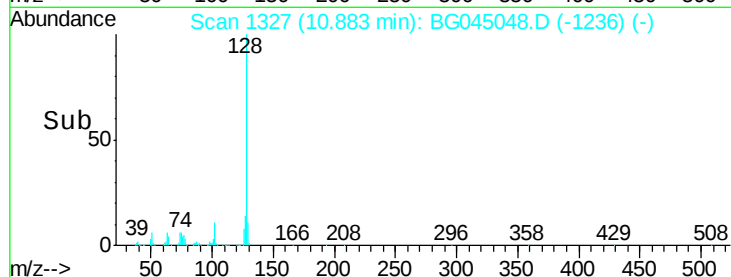
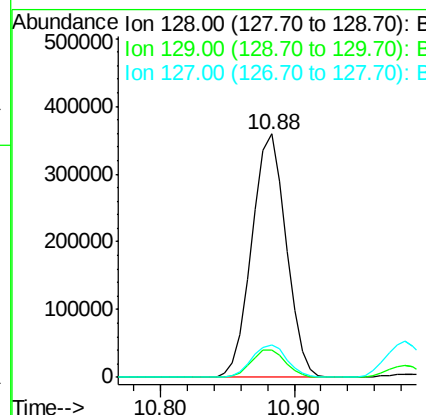
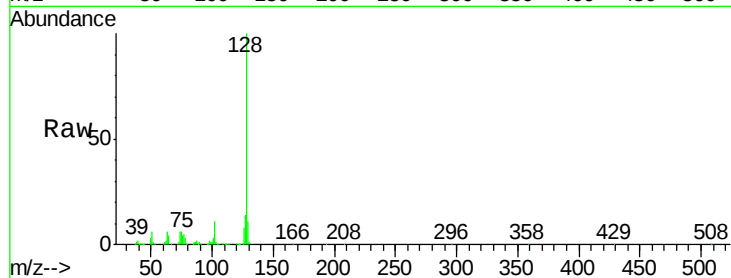




#31
Naphthalene
Concen: 47.017 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

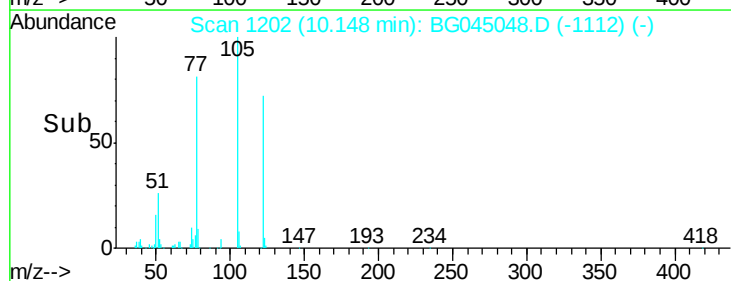
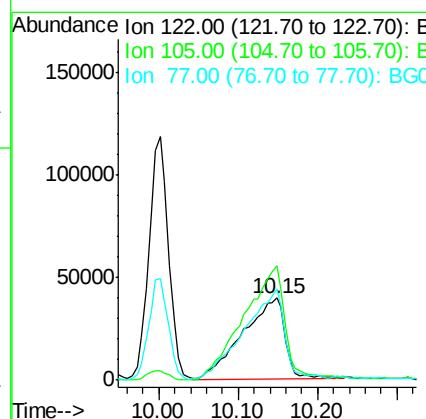
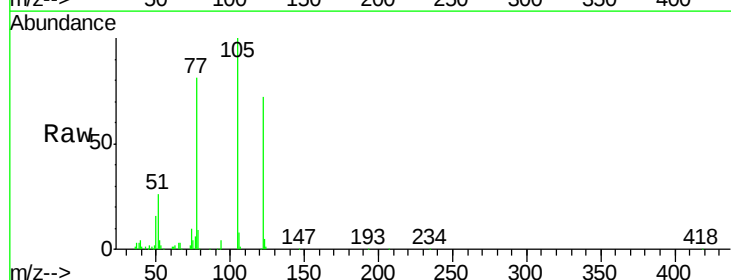
Instrument :
BNA_G
ClientSampleId :
PB128315BS

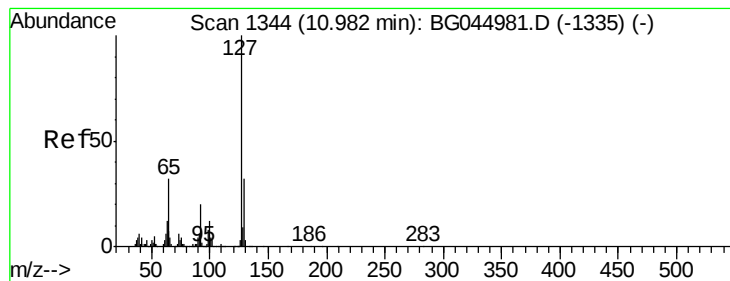
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.5	10.8	16.2



#32
Benzoic acid
Concen: 48.182 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.7	108.4	148.4
77	111.8	78.8	118.8





#33

4-Chloroaniline

Concen: 15.958 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

Tot Ion:127 Resp: 100831

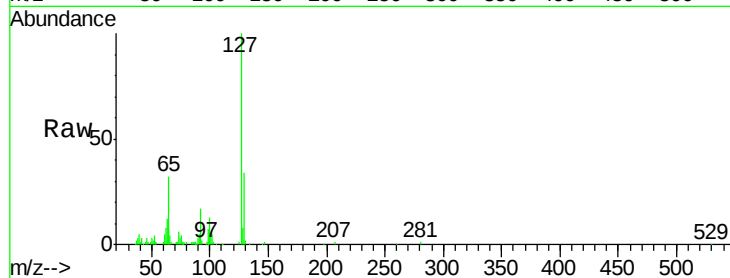
Ion Ratio Lower Upper

127 100

129 34.0 25.7 38.5

65 32.5 25.4 38.2

92 17.2 16.1 24.1

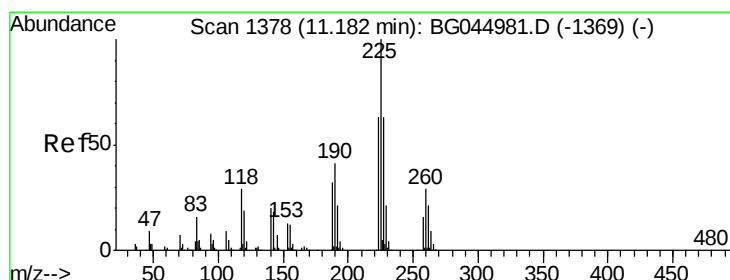
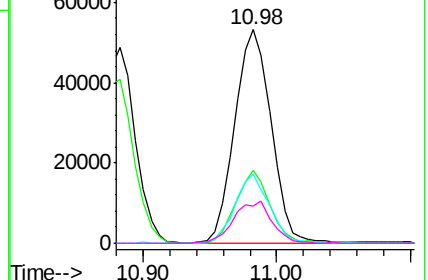
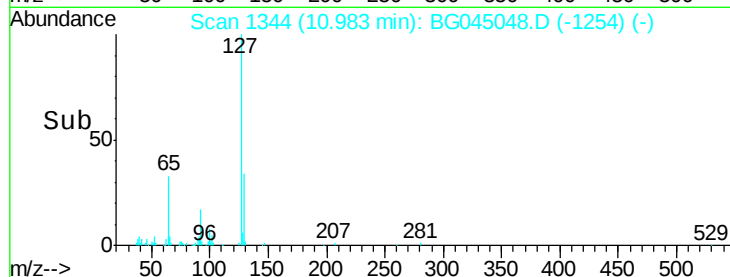


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.064 ng

RT: 11.18 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

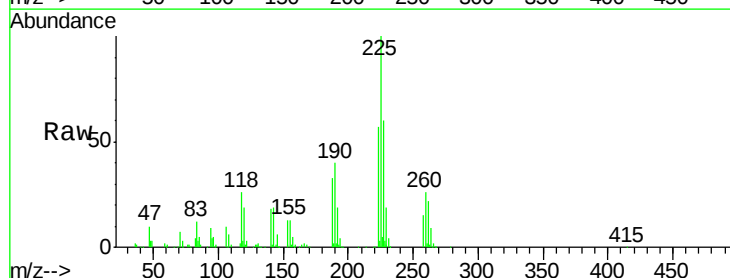
Tgt Ion:225 Resp: 160421

Ion Ratio Lower Upper

225 100

223 56.8 50.7 76.1

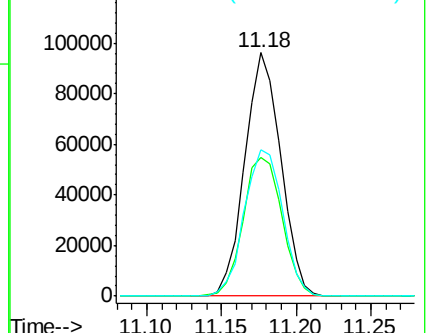
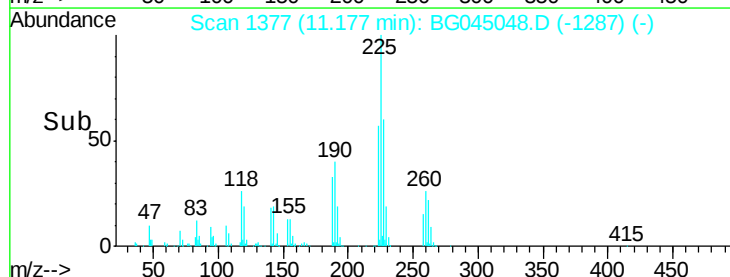
227 60.2 50.2 75.2



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: 30.824 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

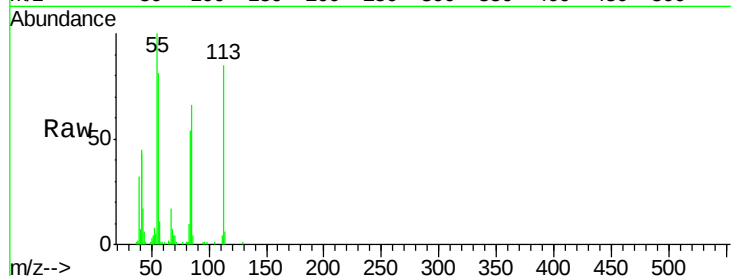
Tot Ion:113 Resp: 53867

Ion Ratio Lower Upper

113 100

55 118.2 118.8 158.8#

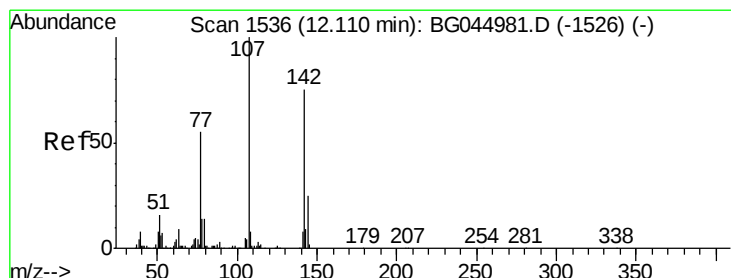
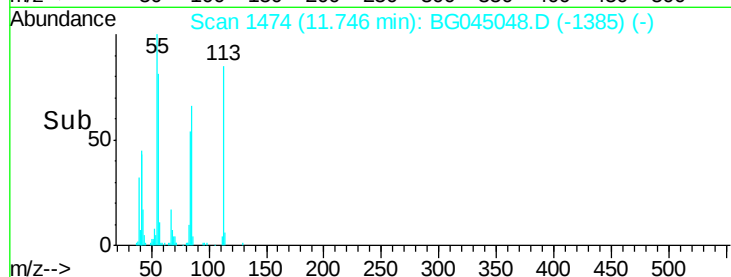
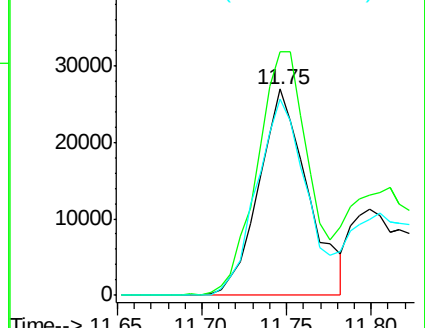
56 95.5 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.307 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

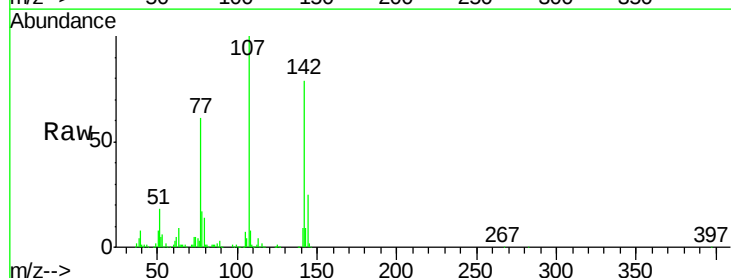
Tgt Ion:107 Resp: 274970

Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.6

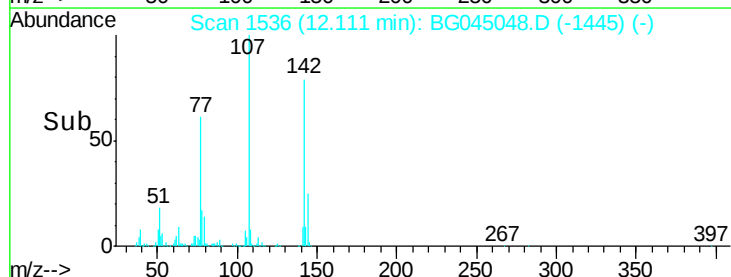
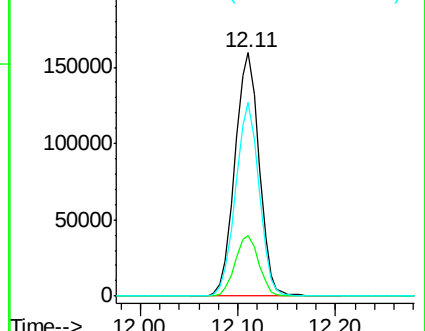
142 79.3 59.7 89.5



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

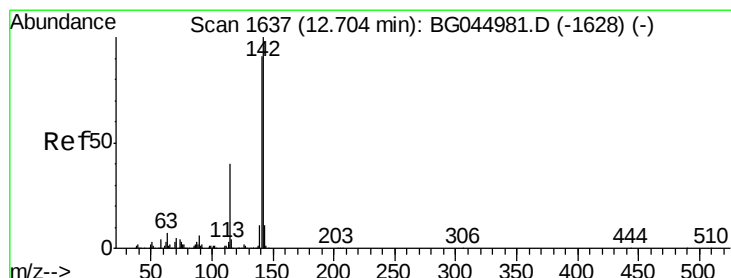
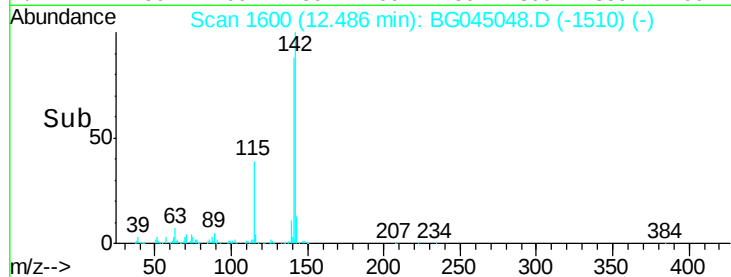
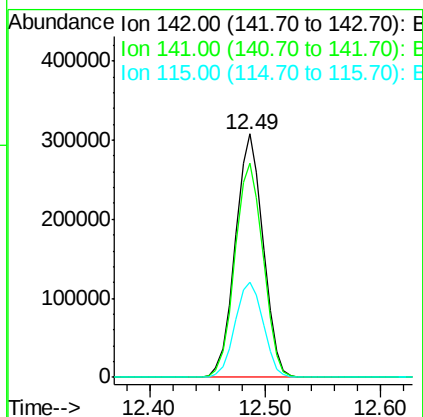
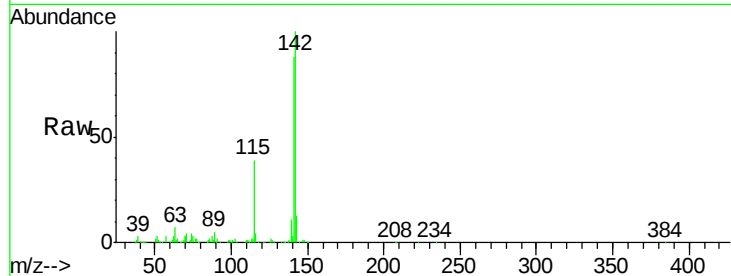




#37
 2-Methylnaphthalene
 Concen: 48.669 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

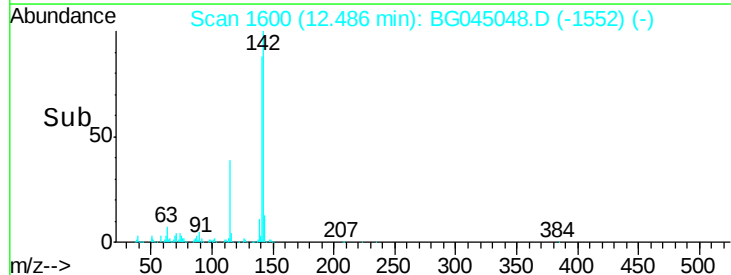
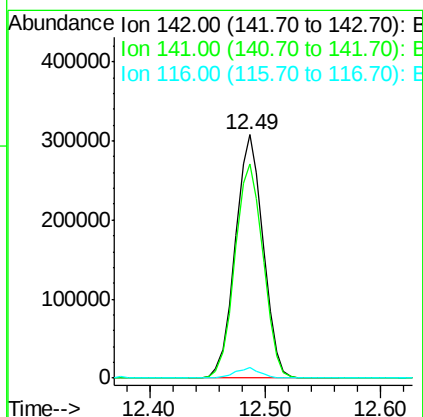
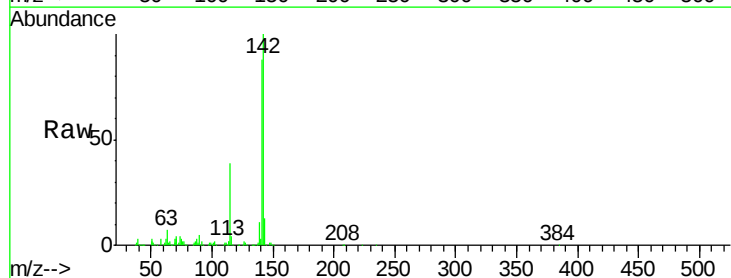
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

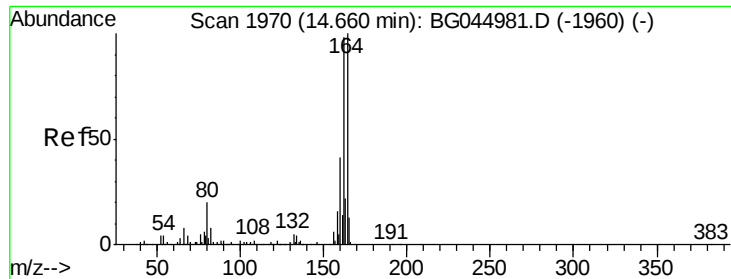
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	39.1	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 51.554 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.22 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.7	109.1
116	4.2	3.1	4.7

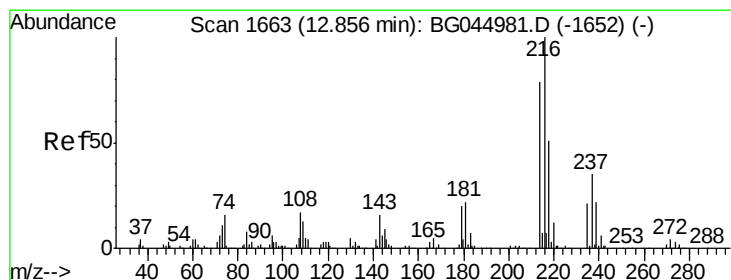
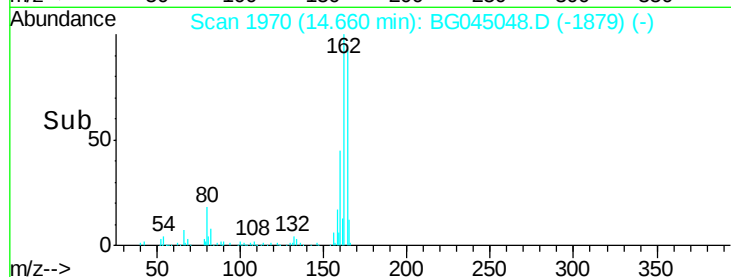
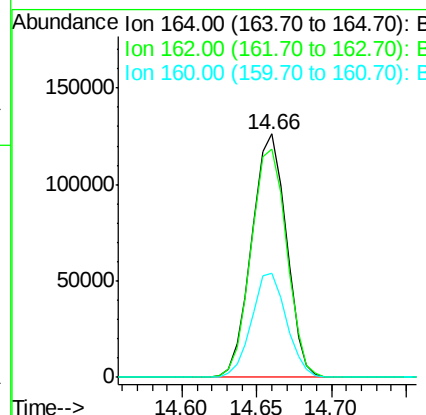
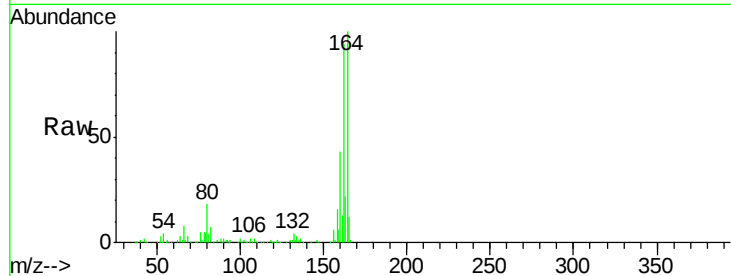




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

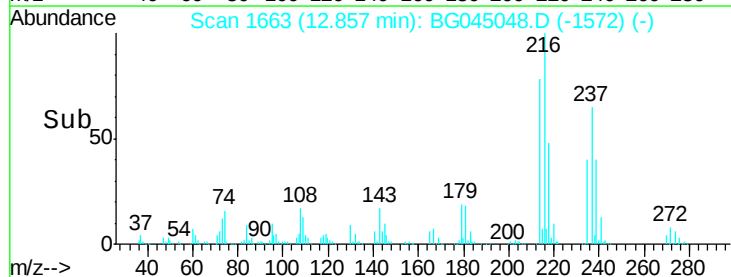
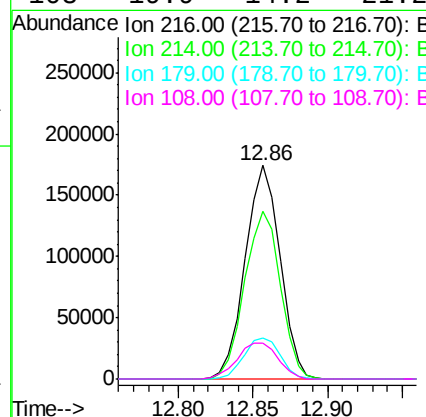
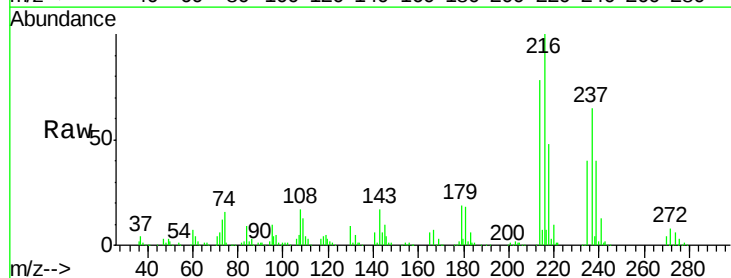
Instrument :
BNA_G
ClientSampleId :
PB128315BS

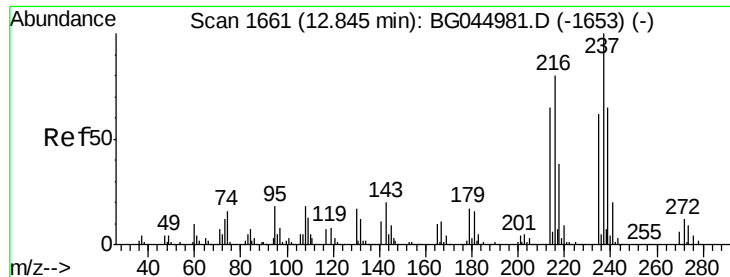
Tot Ion	Ratio	Lower	Upper
164	100		
162	93.8	78.7	118.1
160	42.6	32.8	49.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.416 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.6
179	20.1	15.8	23.8
108	19.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 102.509 ng

RT: 12.84 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

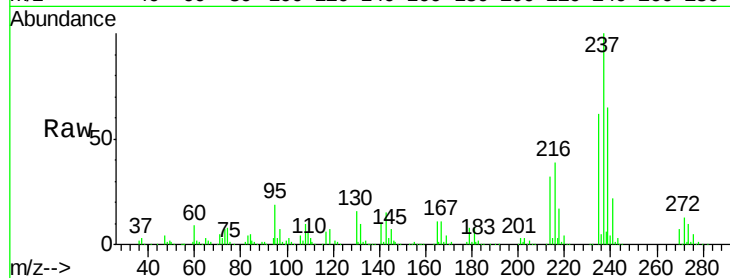
Tot Ion:237 Resp: 417692

Ion Ratio Lower Upper

237 100

235 62.3 41.6 81.6

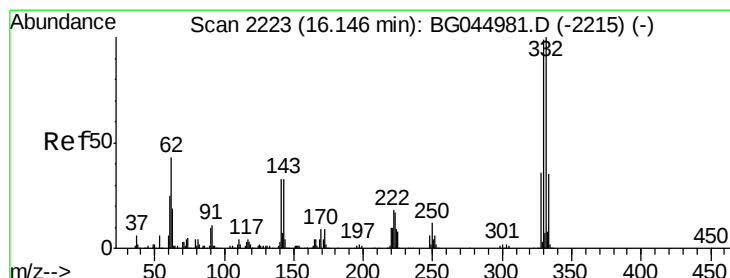
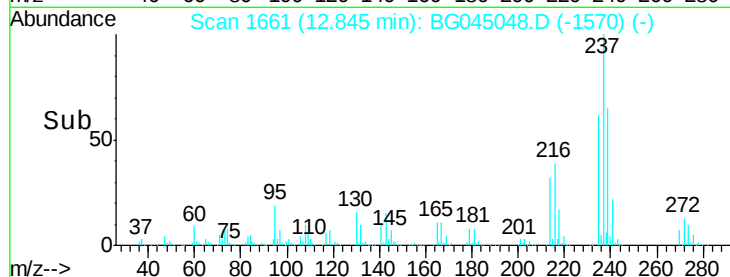
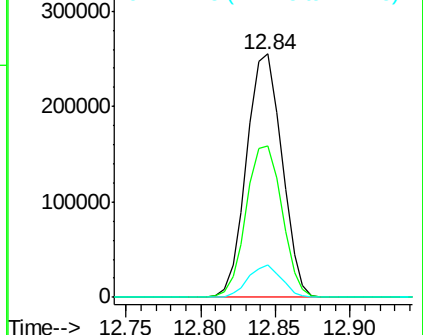
272 13.1 0.0 32.1



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: 135.017 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

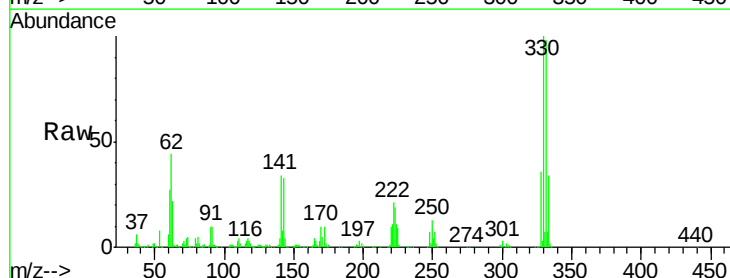
Tgt Ion:330 Resp: 422340

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

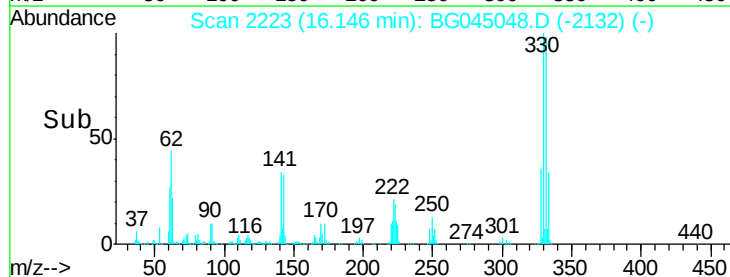
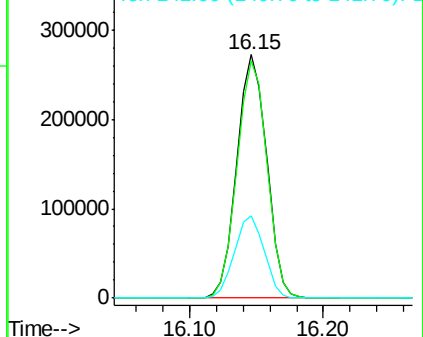
141 33.8 27.1 40.7

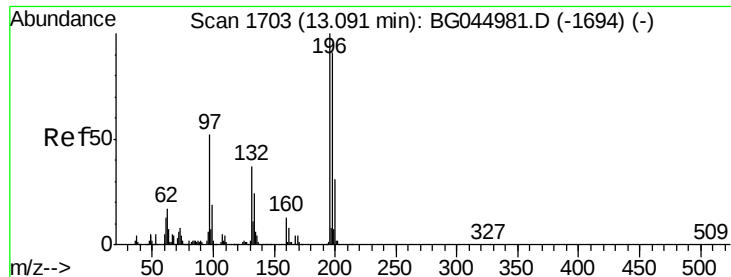


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

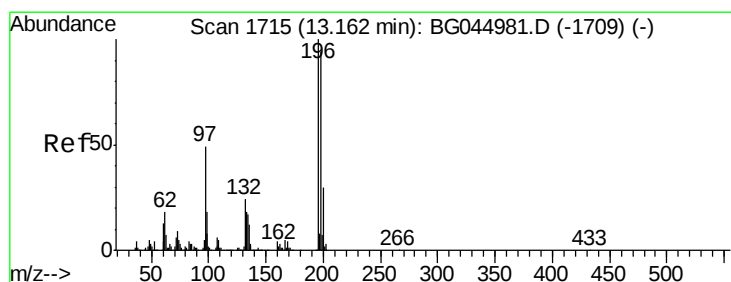
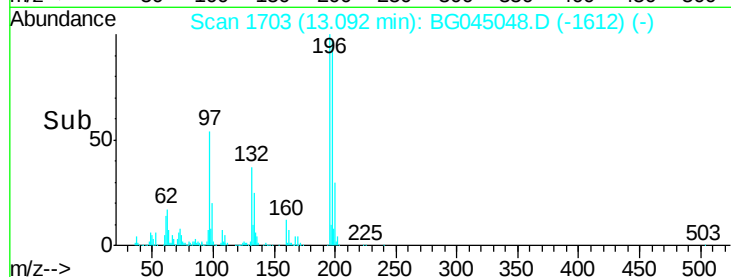
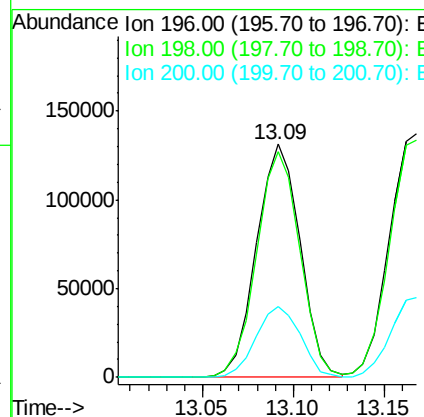
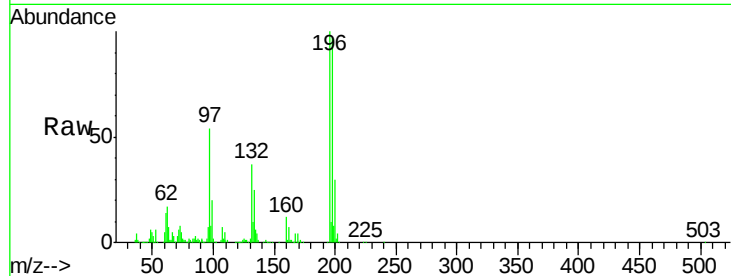




#43
 2,4,6-Trichlorophenol
 Concen: 47.670 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

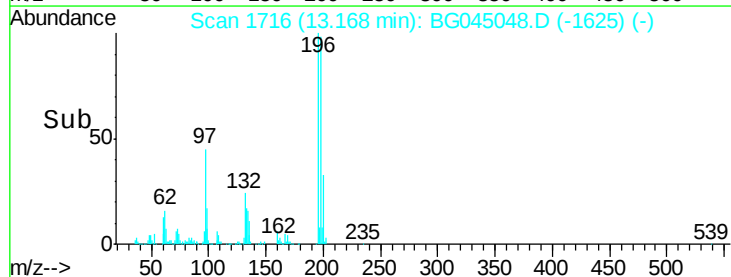
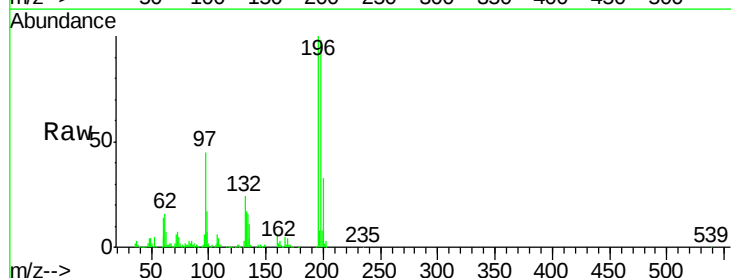
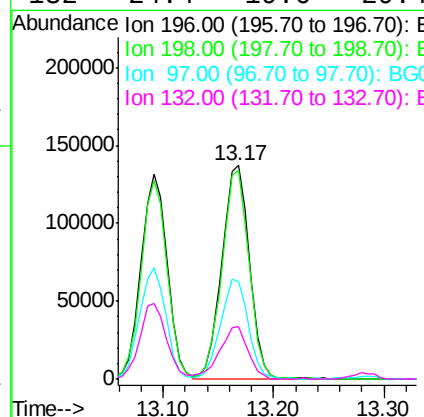
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

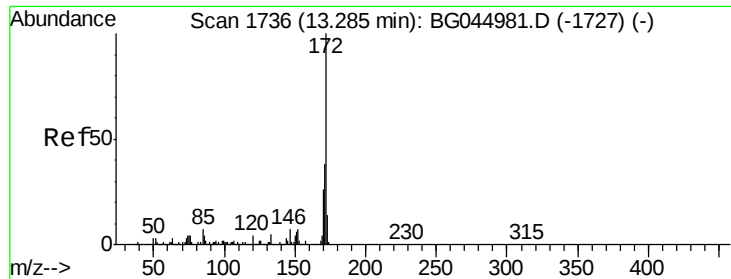
Tot Ion	196	Resp	219336
Ion Ratio	Lower	Upper	
196	100		
198	97.0	72.5	108.7
200	30.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.452 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	196	Resp	238044
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.7	113.5
97	45.3	39.6	59.4
132	24.4	19.6	29.4

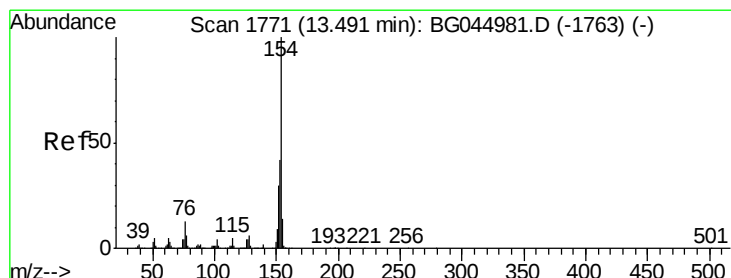
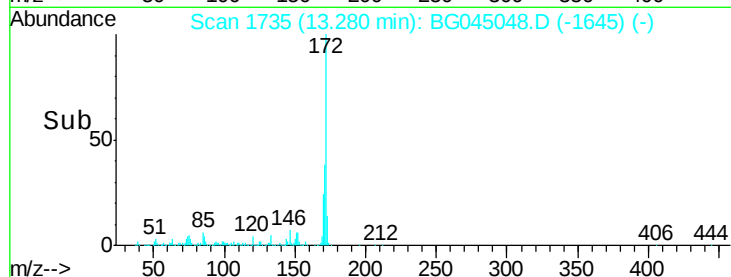
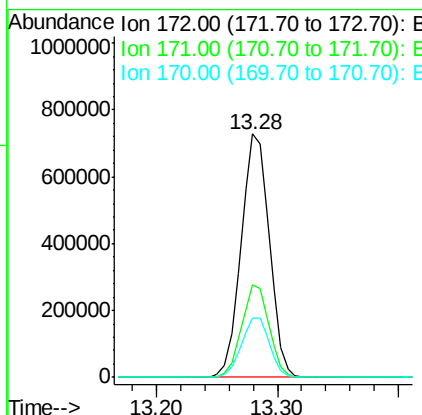
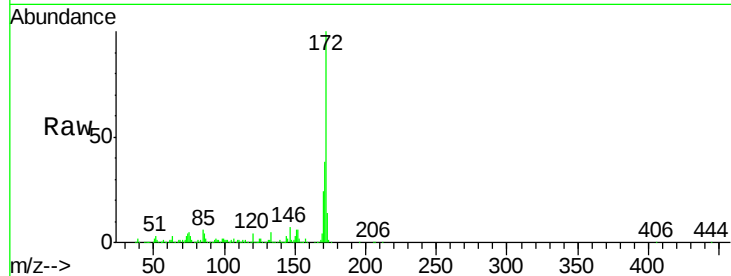




#45
2-Fluorobiphenyl
Concen: 85.996 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

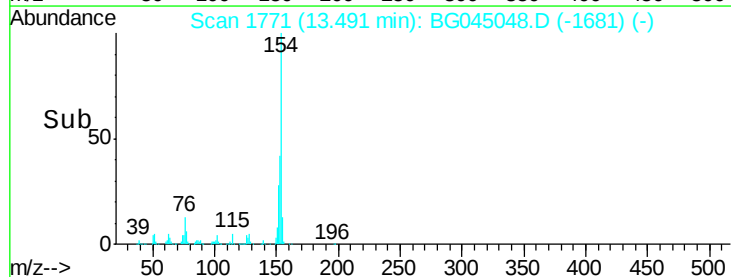
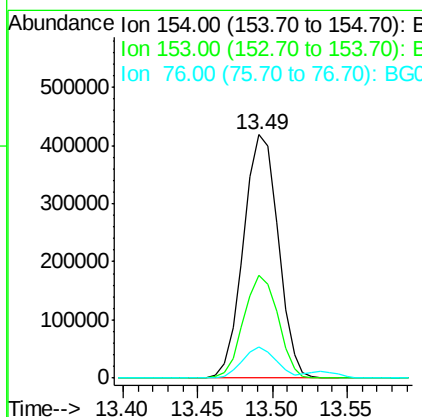
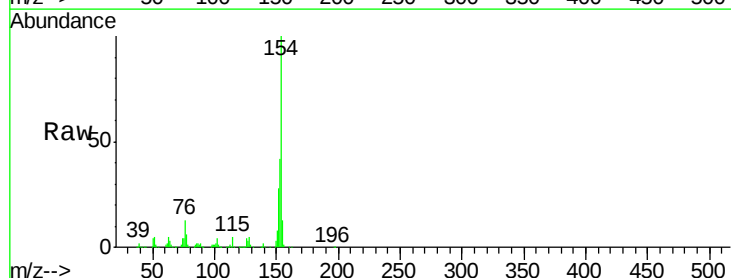
Instrument :
BNA_G
ClientSampleId :
PB128315BS

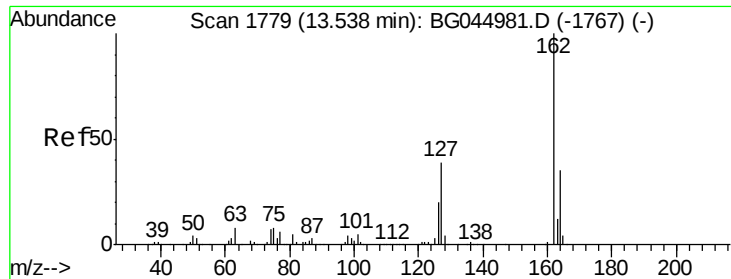
Tot Ion:172 Resp: 1187497
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.2 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.850 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion:154 Resp: 674853
Ion Ratio Lower Upper
154 100
153 42.4 21.9 61.9
76 12.5 0.0 33.1

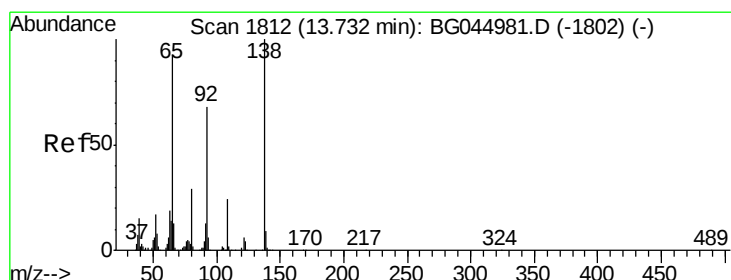
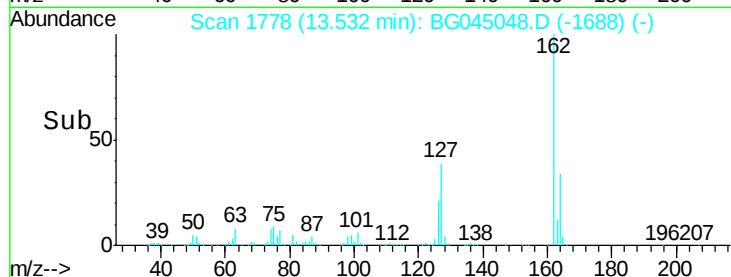
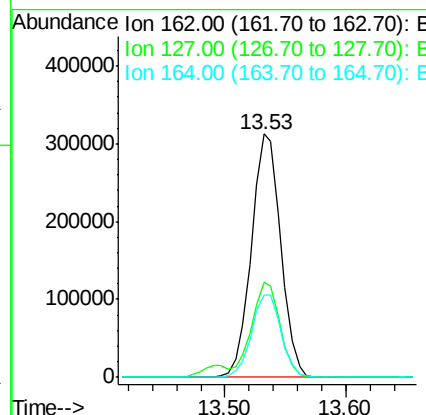
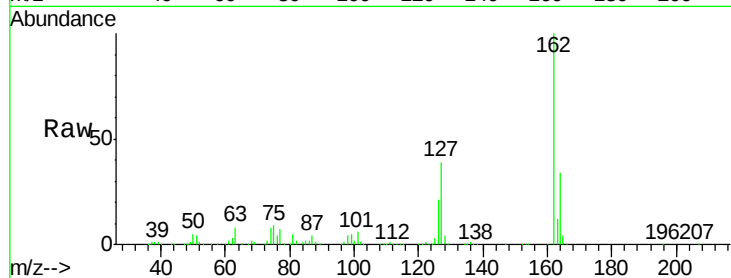




#47
 2-Chloronaphthalene
 Concen: 44.758 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

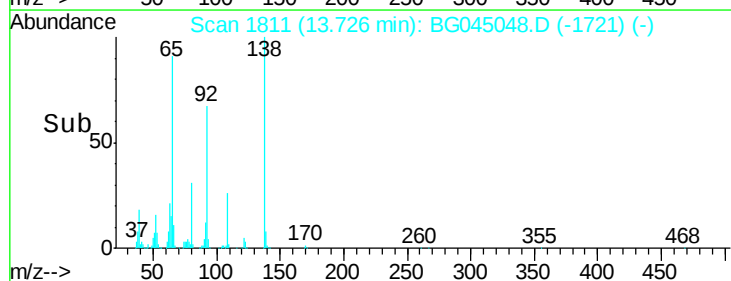
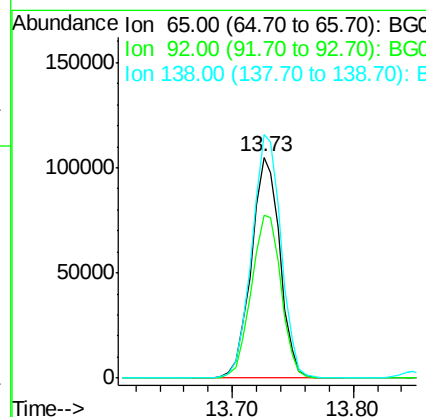
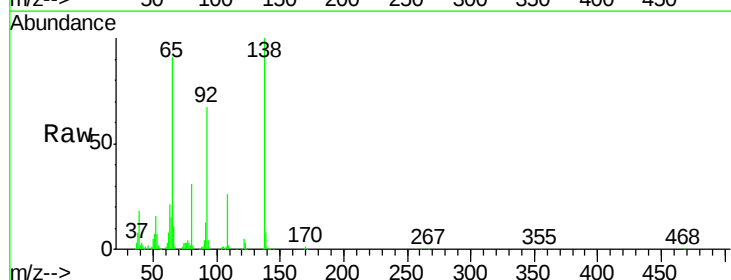
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	34.0	27.8	41.8



#48
 2-Nitroaniline
 Concen: 44.905 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.3	87.5
138	110.1	85.6	128.4





#49

Acenaphthylene

Concen: 45.963 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

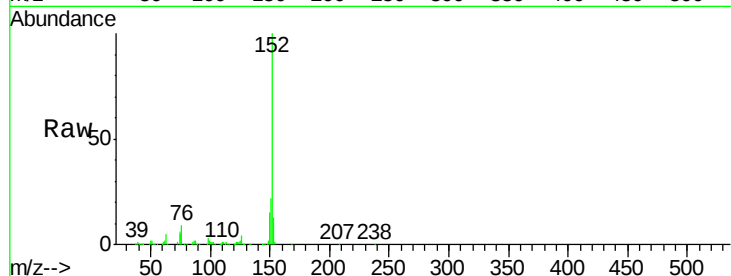
Tot Ion:152 Resp: 880392

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

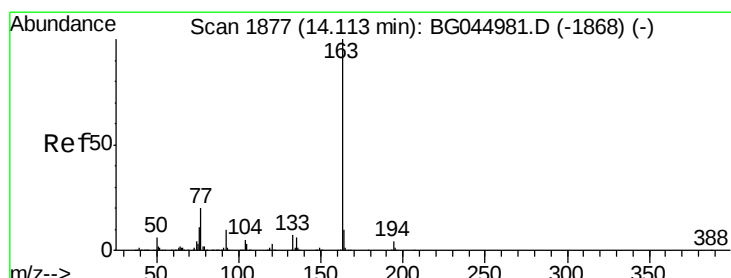
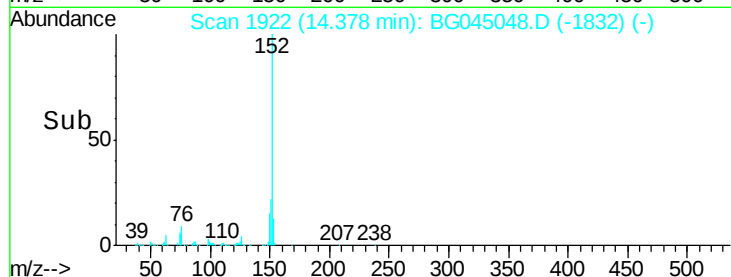
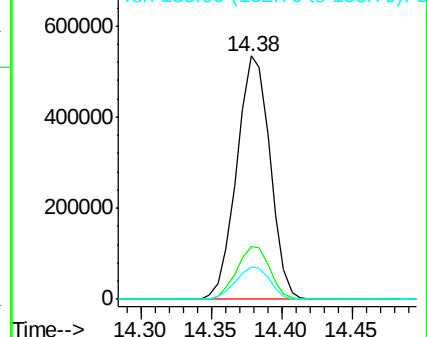
153 13.4 11.0 16.4



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: 46.154 ng

RT: 14.11 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

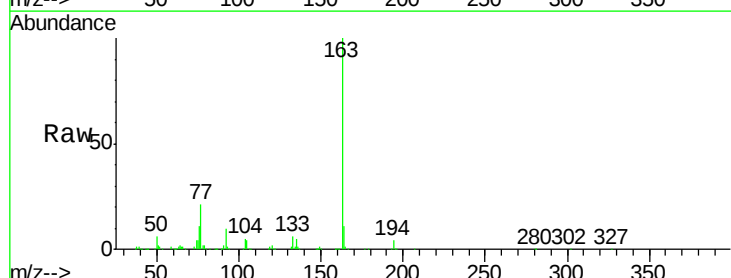
Tgt Ion:163 Resp: 760939

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

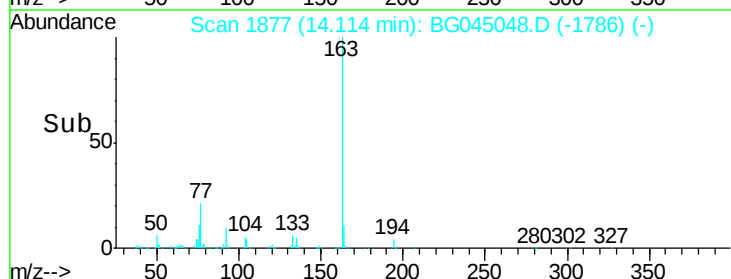
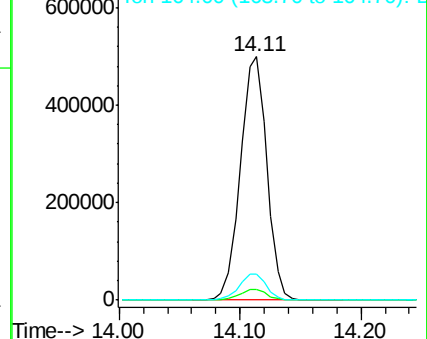
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

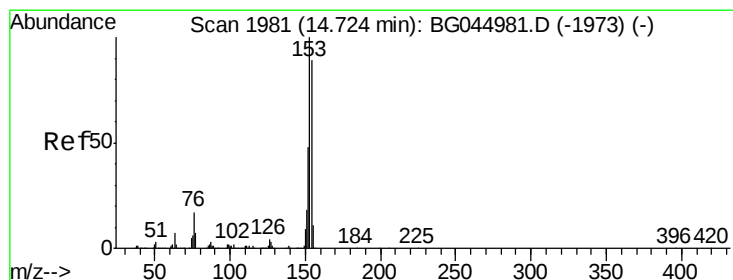
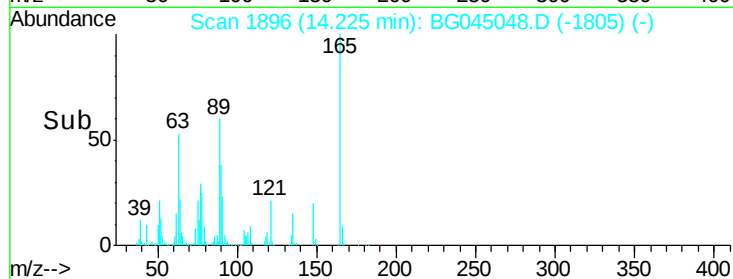
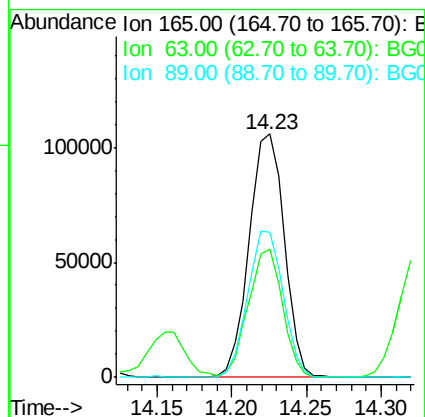
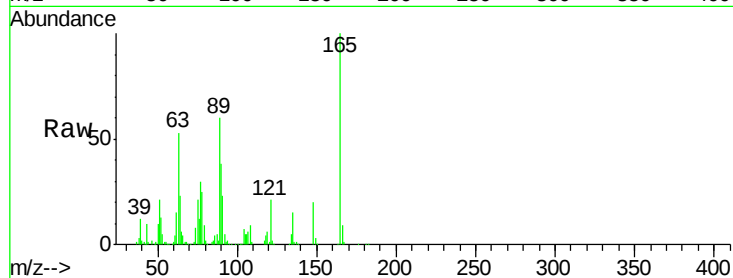




#51
 2,6-Dinitrotoluene
 Concen: 46.624 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

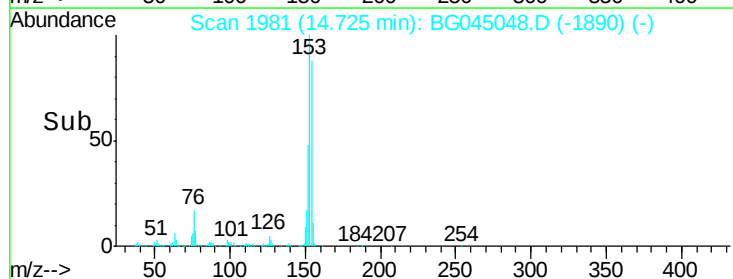
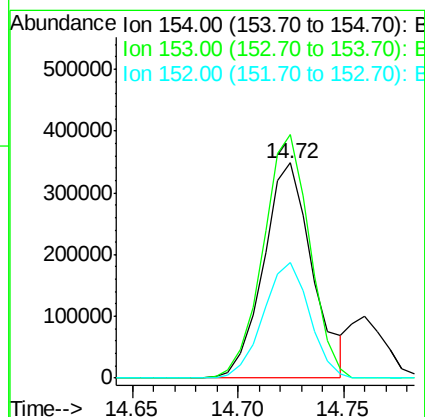
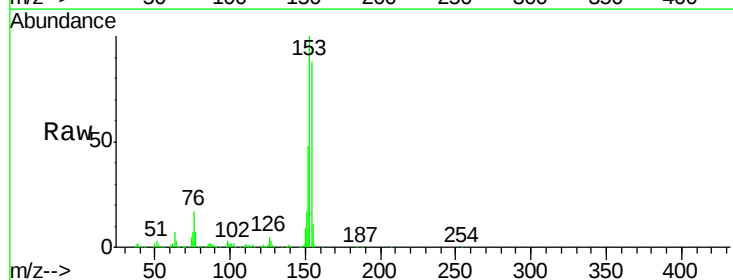
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

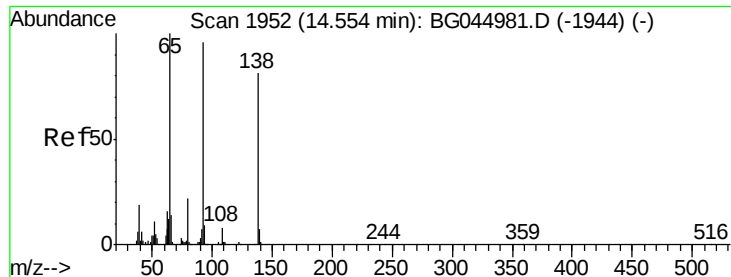
Tot Ion:165 Resp: 171933
 Ion Ratio Lower Upper
 165 100
 63 52.7 40.4 60.6
 89 59.8 49.1 73.7



#52
 Acenaphthene
 Concen: 43.145 ng
 RT: 14.72 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion:154 Resp: 559151
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.7 134.5
 152 53.9 43.1 64.7

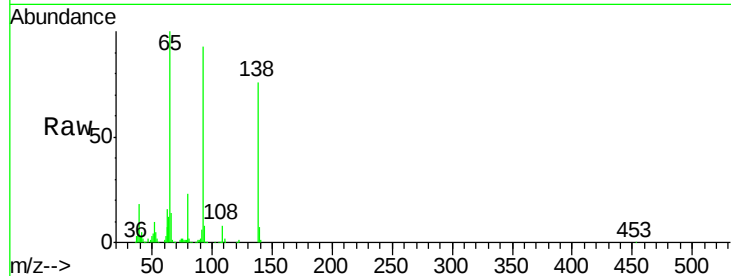




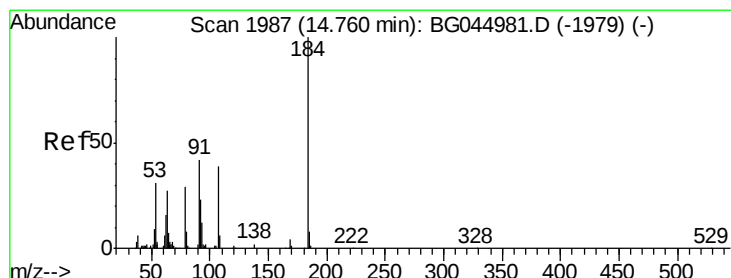
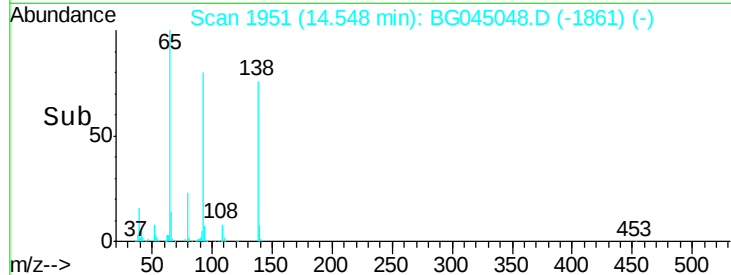
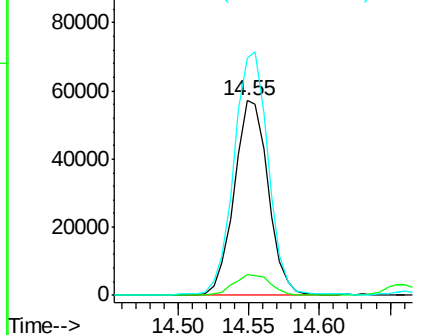
#53
 3-Nitroaniline
 Concen: 23.784 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

Tot Ion:138 Resp: 96193
 Ion Ratio Lower Upper
 138 100
 108 10.8 7.8 11.8
 92 122.3 94.5 141.7

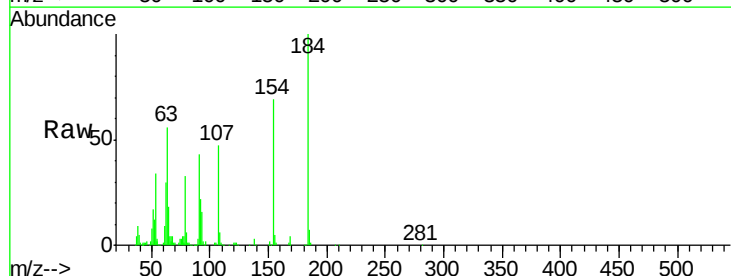


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

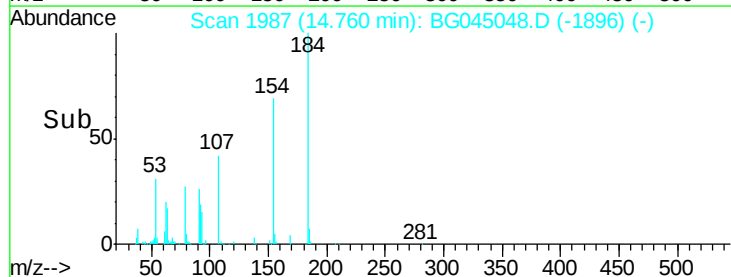
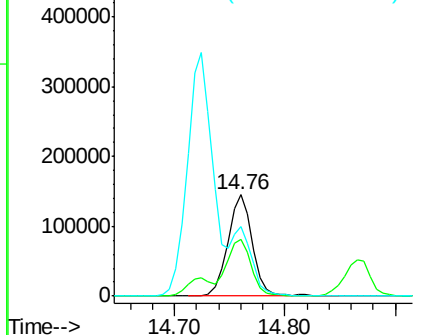


#54
 2,4-Dinitrophenol
 Concen: 102.960 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion:184 Resp: 225768
 Ion Ratio Lower Upper
 184 100
 63 55.8 41.5 62.3
 154 68.8 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 45.832 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

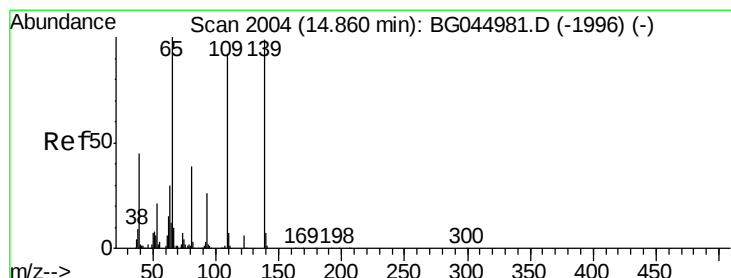
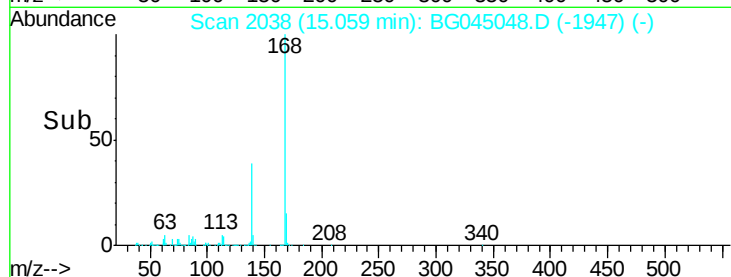
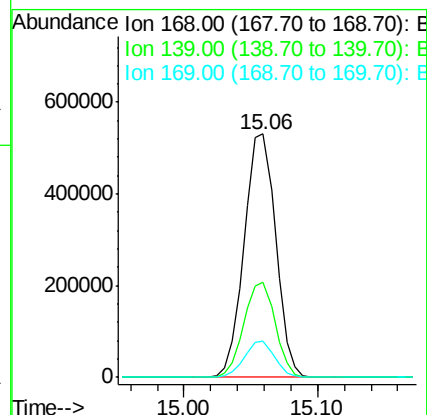
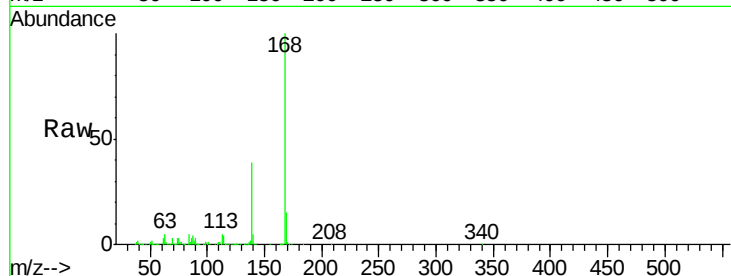
Tot Ion:168 Resp: 865974

Ion Ratio Lower Upper

168 100

139 38.9 30.4 45.6

169 15.0 11.0 16.4



#56

4-Nitrophenol

Concen: 91.154 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

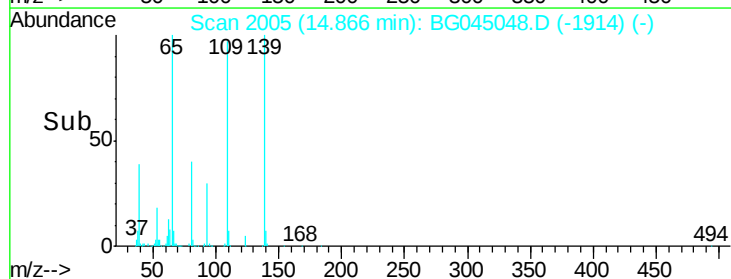
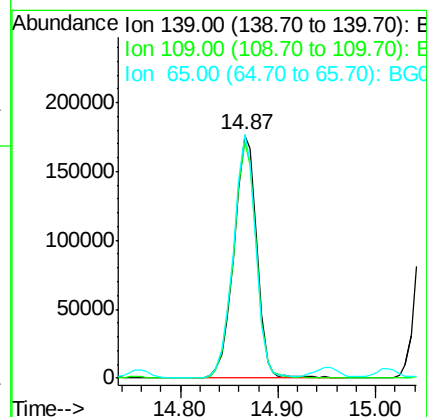
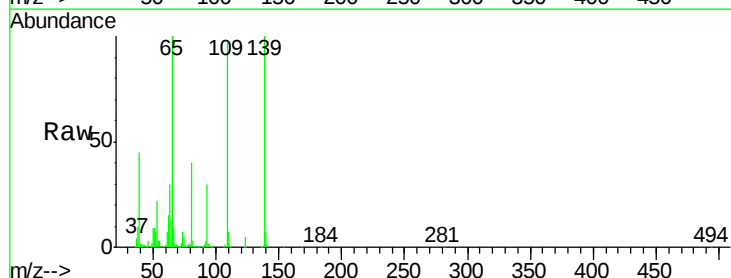
Tgt Ion:139 Resp: 285853

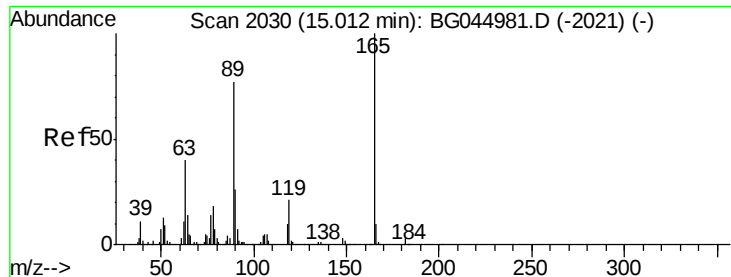
Ion Ratio Lower Upper

139 100

109 97.5 73.6 113.6

65 100.5 81.2 121.2

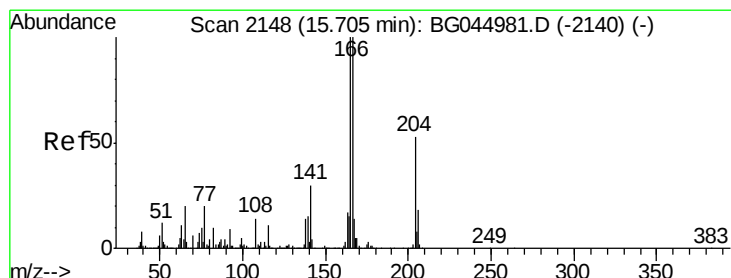
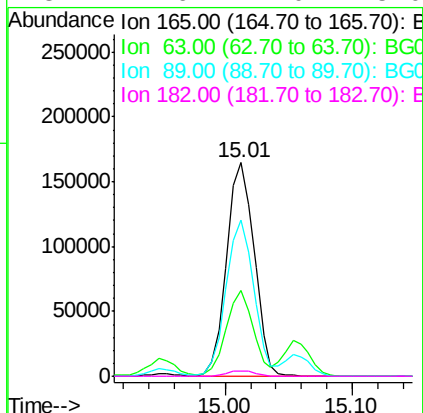
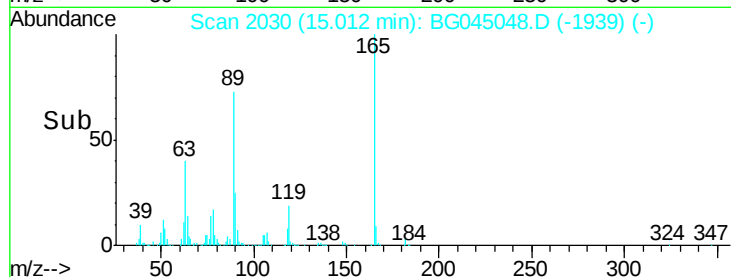
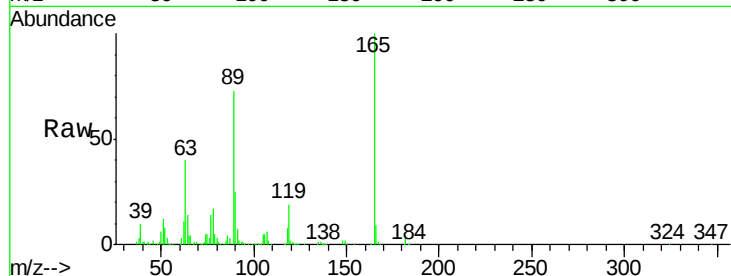




#57
2,4-Dinitrotoluene
Concen: 46.115 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

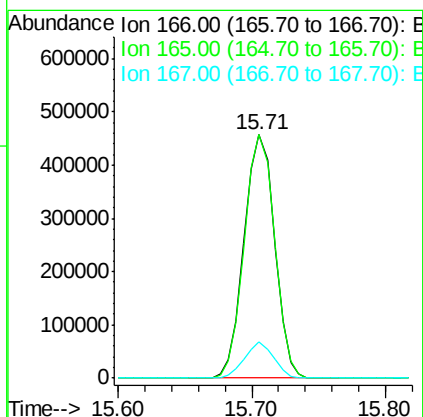
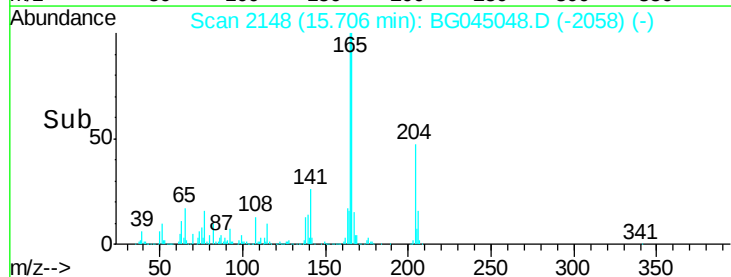
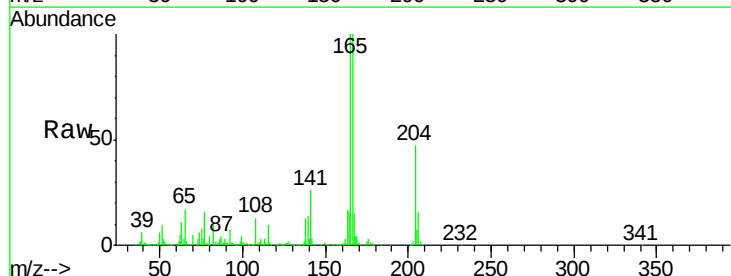
Instrument :
BNA_G
ClientSampleId :
PB128315BS

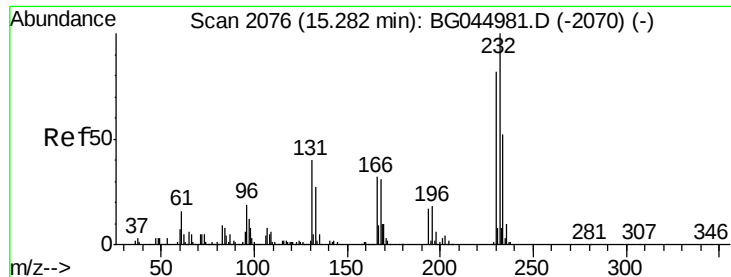
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	32.2	48.2
89	73.4	61.7	92.5
182	2.6	2.0	3.0



#58
Fluorene
Concen: 46.800 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	14.7	11.4	17.0

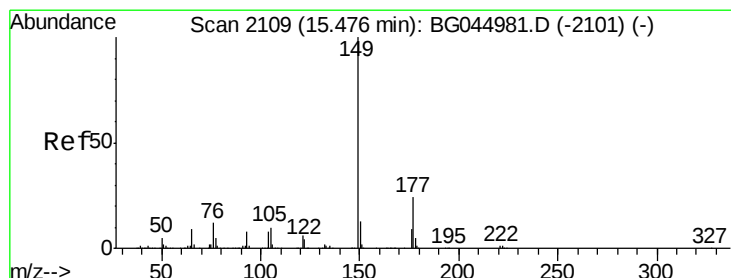
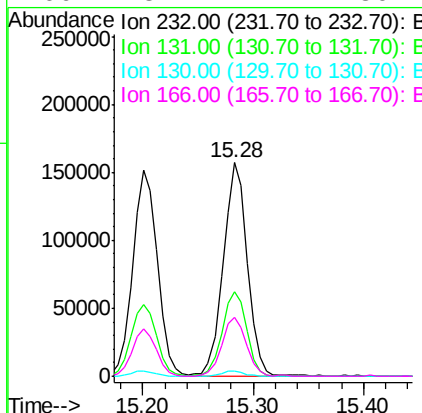
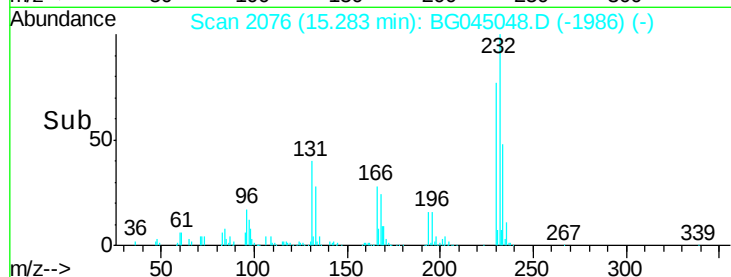
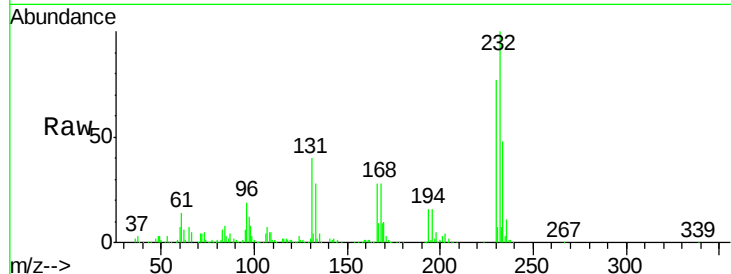




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.340 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

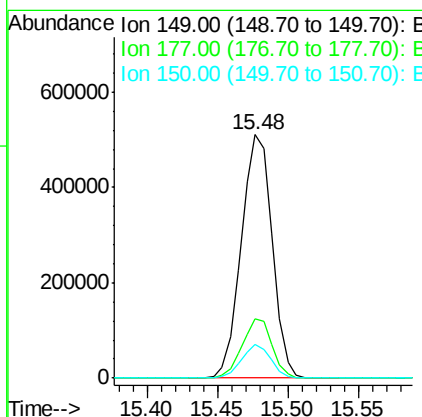
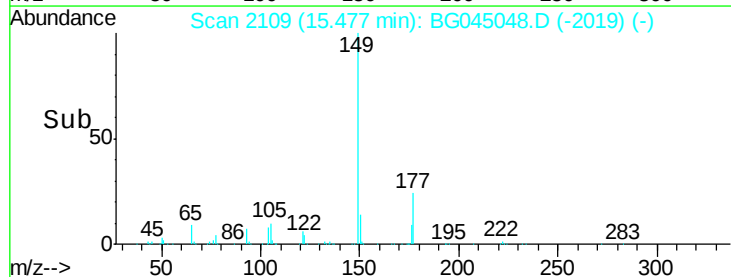
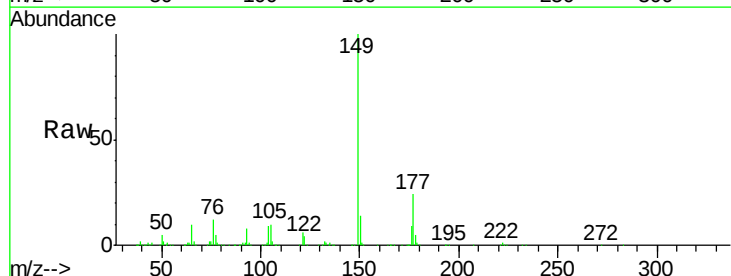
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BS

Tot Ion:	232	Resp:	239244
Ion	Ratio	Lower	Upper
232	100		
131	40.3	32.2	48.2
130	2.4	2.2	3.2
166	28.4	24.2	36.4



#60
 Diethylphthalate
 Concen: 45.351 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG045048.D
 Acq: 18 Apr 2020 2:27

Tgt Ion:	149	Resp:	779543
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.9	28.3
150	13.7	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 45.673 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

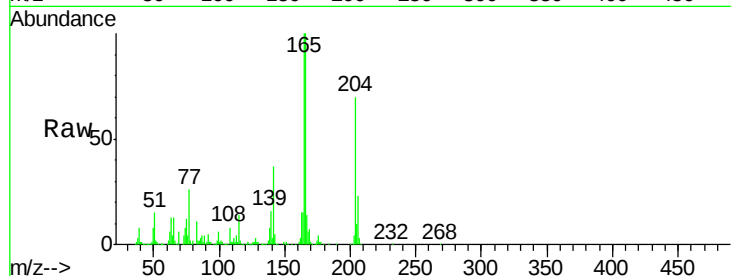
Tot Ion:204 Resp: 405722

Ion Ratio Lower Upper

204 100

206 33.3 26.9 40.3

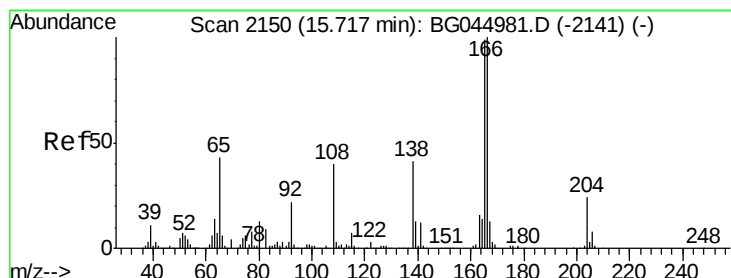
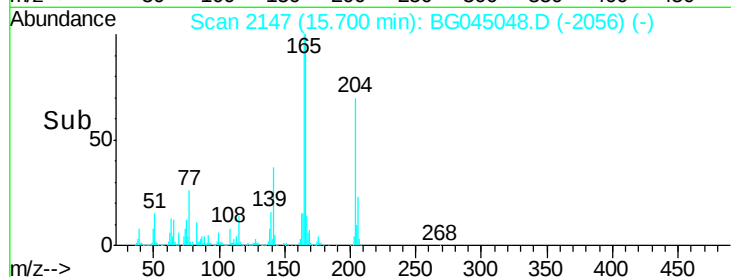
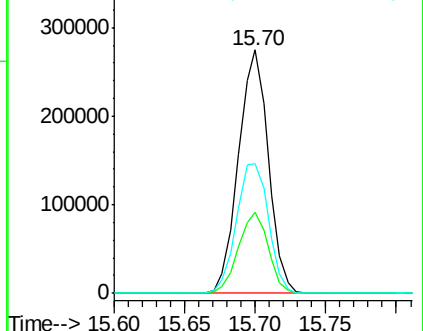
141 53.2 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.469 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

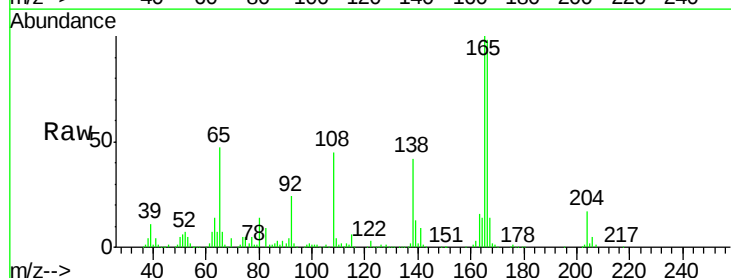
Tgt Ion:138 Resp: 173957

Ion Ratio Lower Upper

138 100

92 56.1 33.6 73.6

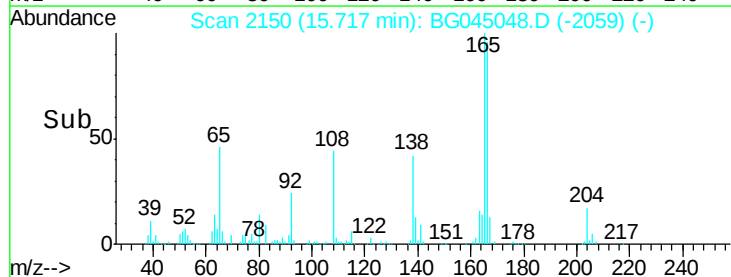
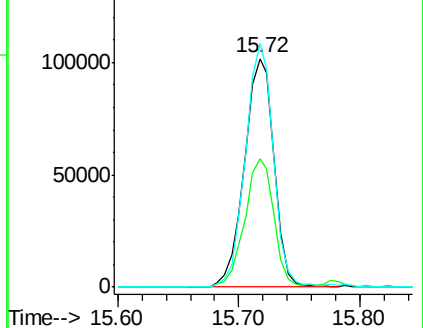
108 106.4 78.2 118.2

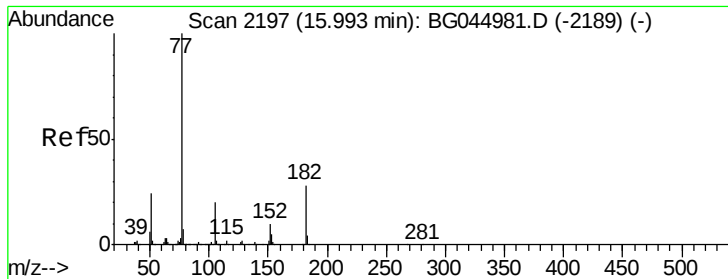


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.390 ng

RT: 15.99 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

Tot Ion: 77 Resp: 735185

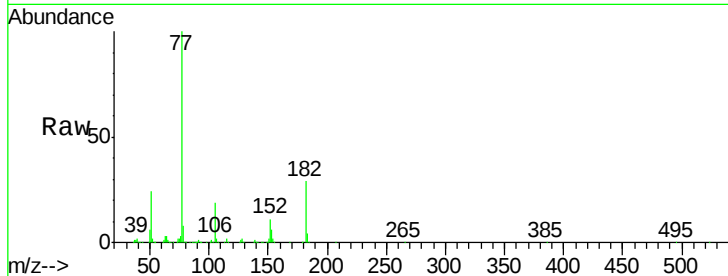
Ion Ratio Lower Upper

77 100

182 28.8 8.4 48.4

105 19.4 0.5 40.5

51 24.0 4.4 44.4

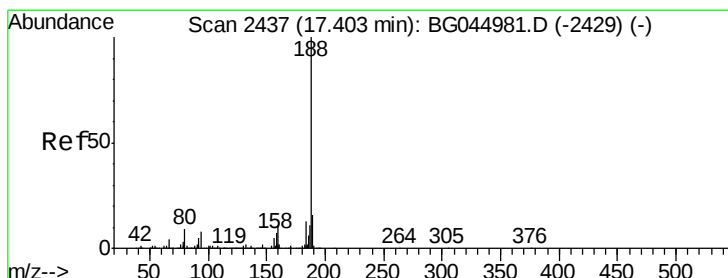
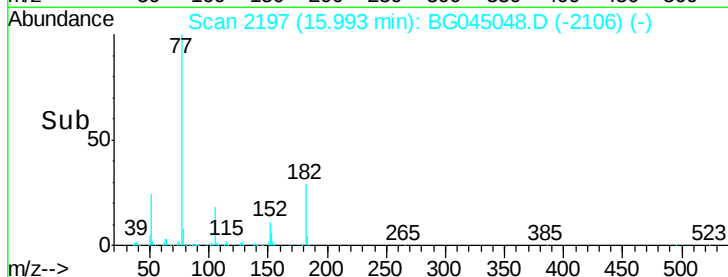
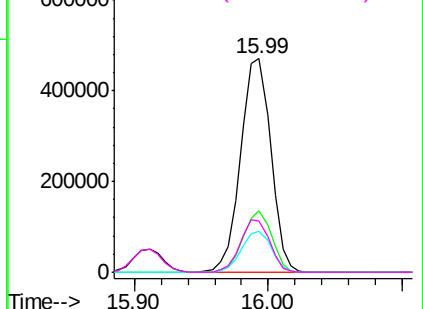


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

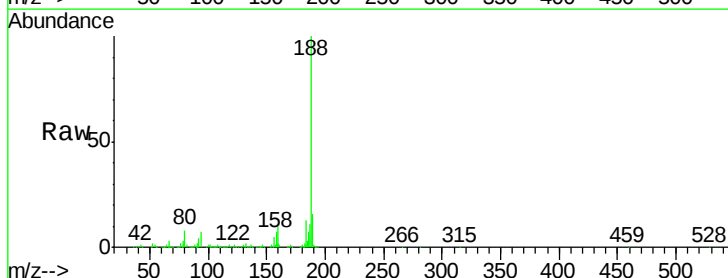
Tgt Ion: 188 Resp: 478135

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

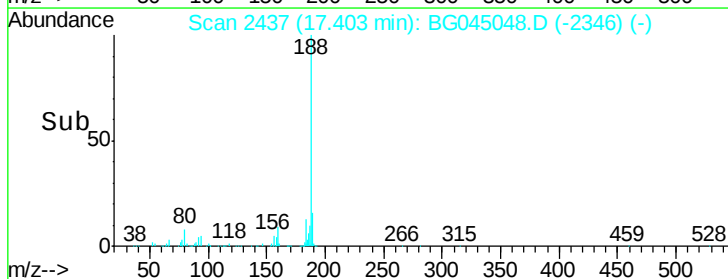
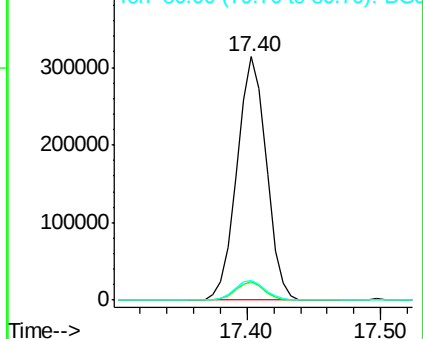
80 8.1 7.0 10.6

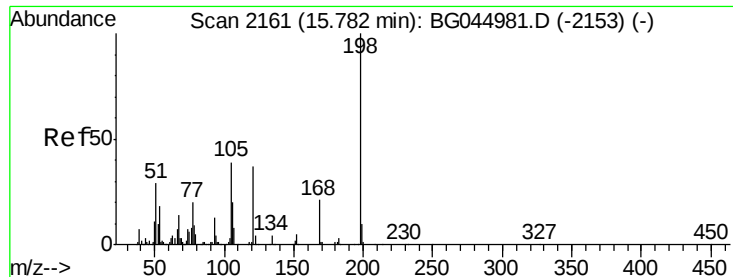


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.566 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

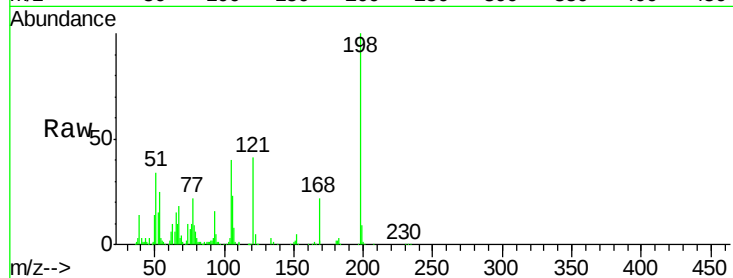
Tot Ion:198 Resp: 165206

Ion Ratio Lower Upper

198 100

51 34.2 10.0 50.0

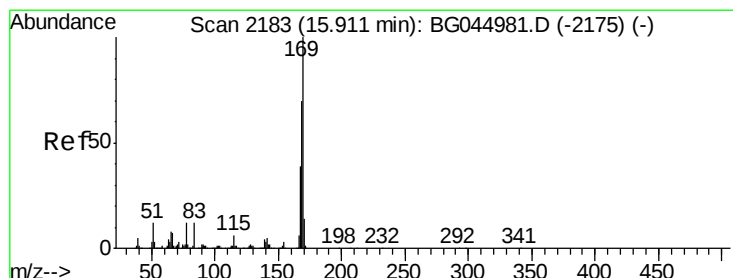
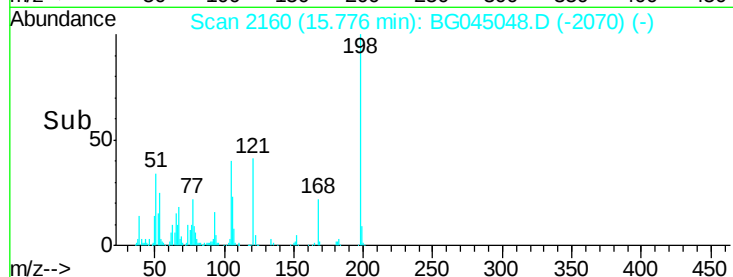
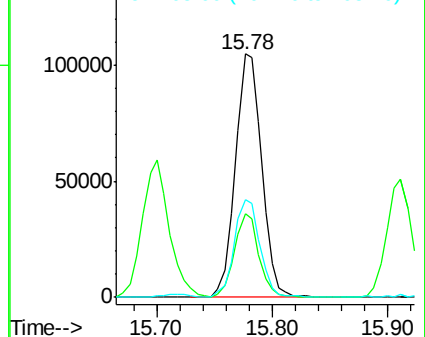
105 39.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044981.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): BG044981.D (-2153) (-)



#66

n-Nitrosodiphenylamine

Concen: 47.774 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

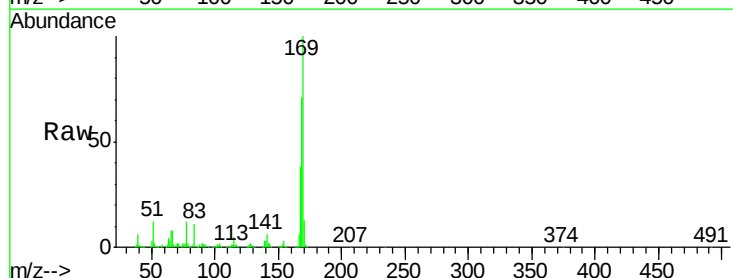
Tgt Ion:169 Resp: 656302

Ion Ratio Lower Upper

169 100

168 70.5 55.8 83.8

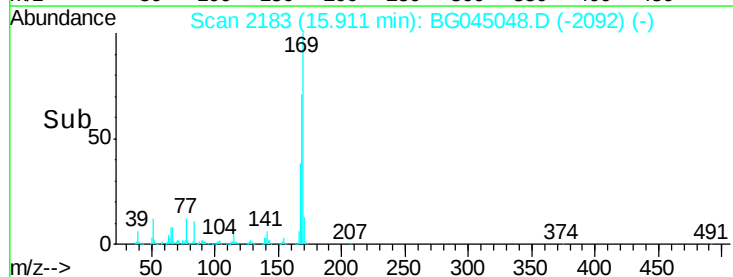
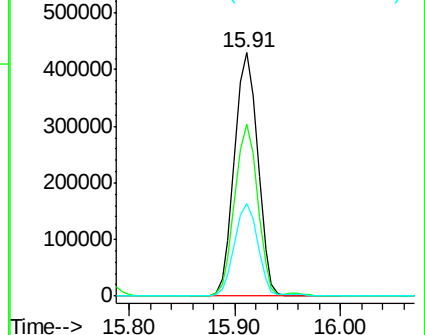
167 37.8 30.8 46.2

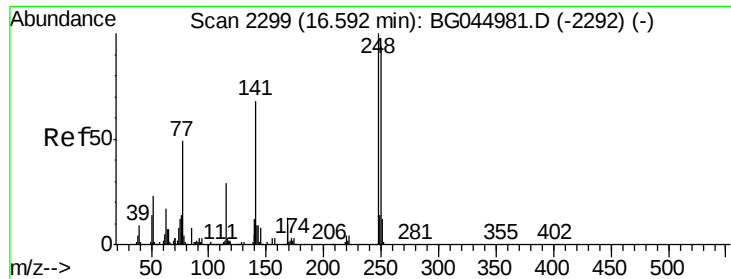


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG044981.D (-2175) (-)

Ion 167.00 (166.70 to 167.70): BG044981.D (-2175) (-)

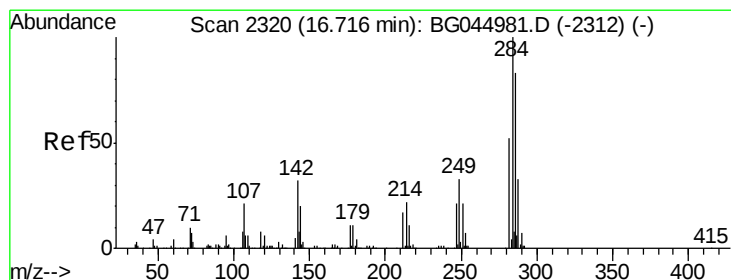
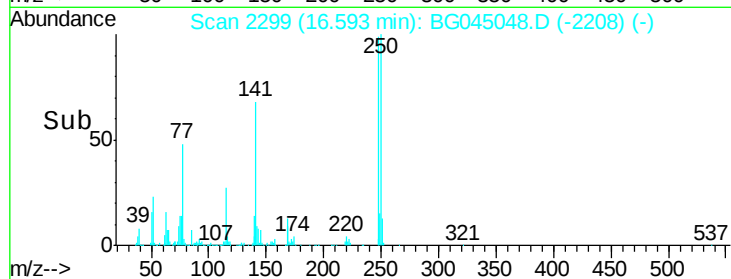
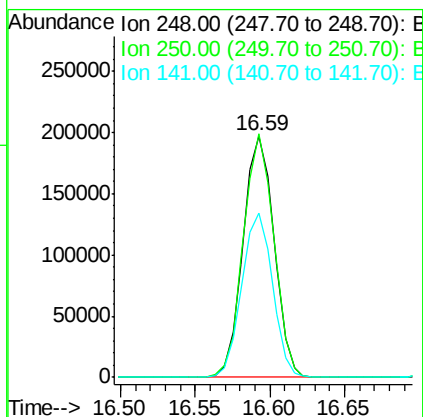
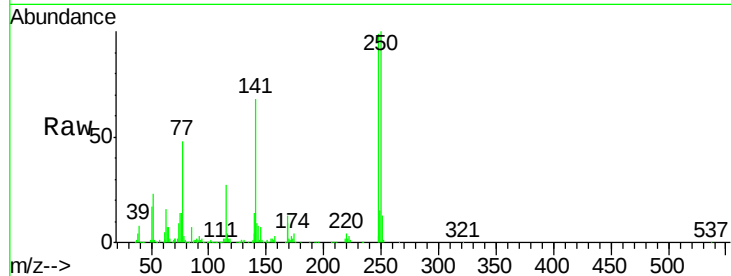




#67
4-Bromophenyl-phenylether
Concen: 45.899 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

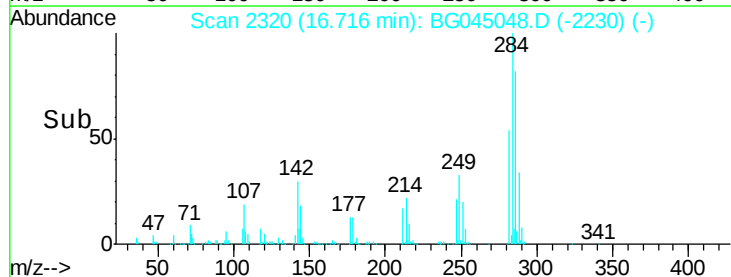
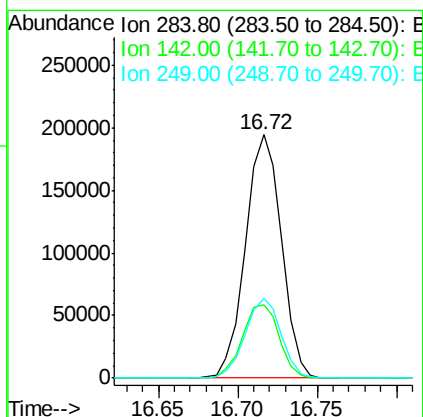
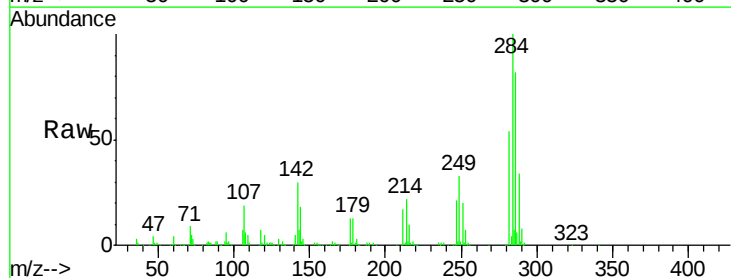
Instrument :
BNA_G
ClientSampleId :
PB128315BS

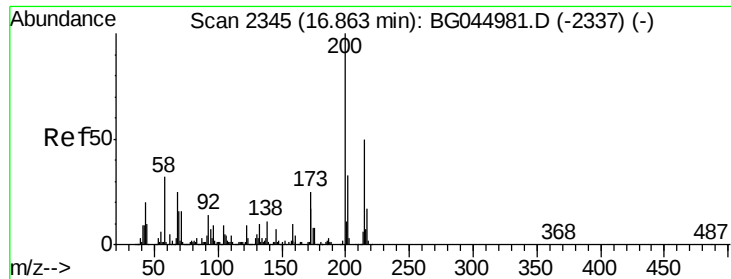
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	75.4	113.2
141	68.1	54.4	81.6



#68
Hexachlorobenzene
Concen: 47.883 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.8	38.6
249	32.6	26.6	39.8





#69

Atrazine

Concen: 54.813 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

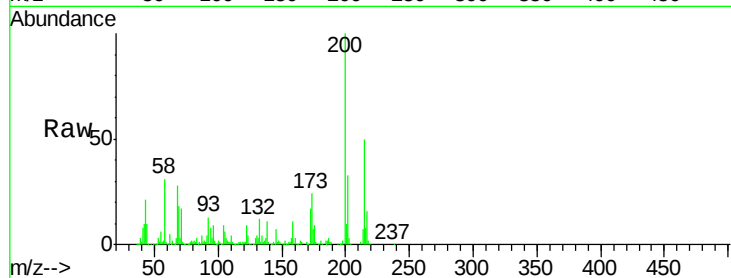
Tot Ion:200 Resp: 269427

Ion Ratio Lower Upper

200 100

173 24.3 4.5 44.5

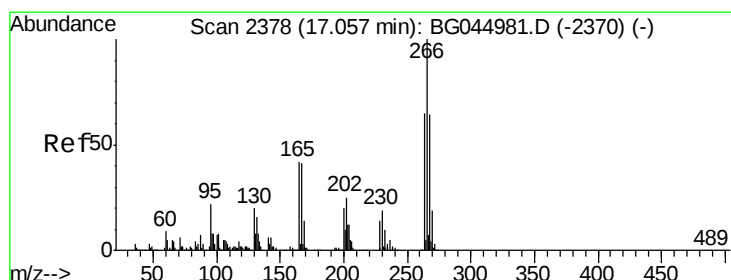
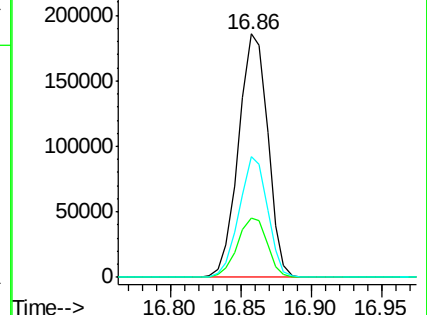
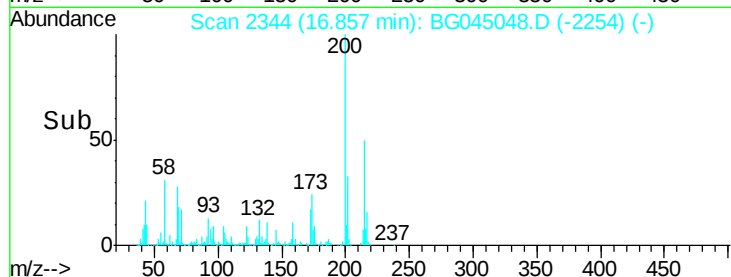
215 49.8 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.342 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

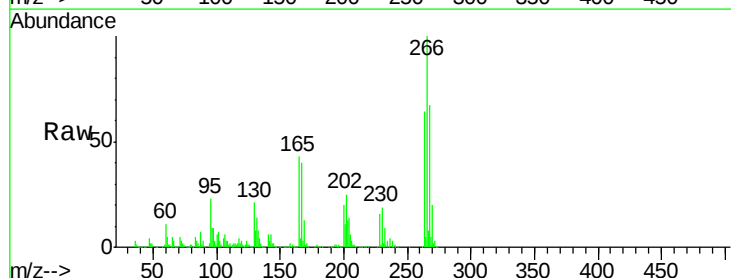
Tgt Ion:266 Resp: 382018

Ion Ratio Lower Upper

266 100

268 67.3 51.5 77.3

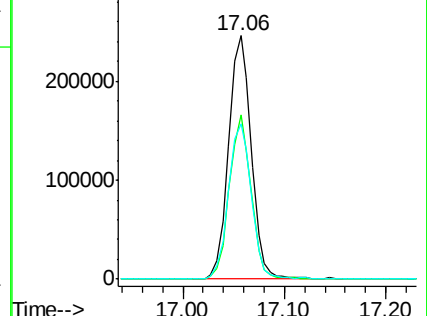
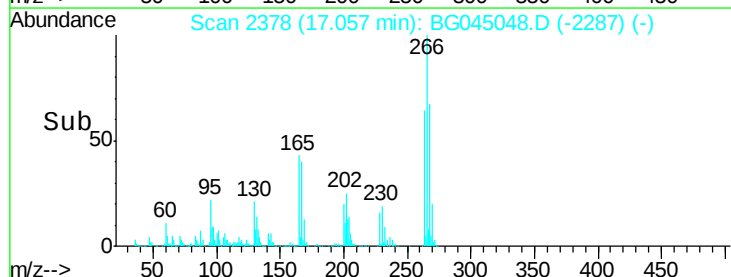
264 63.7 52.2 78.4

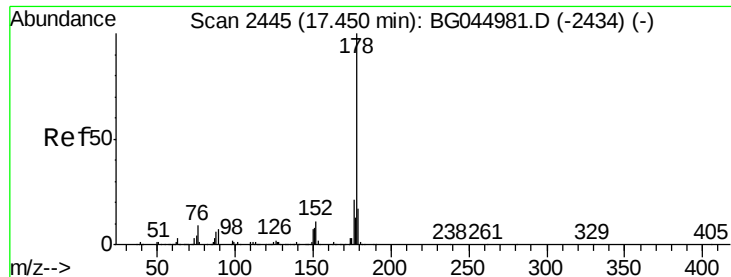


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

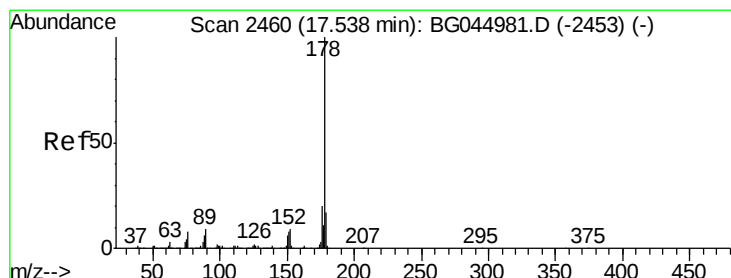
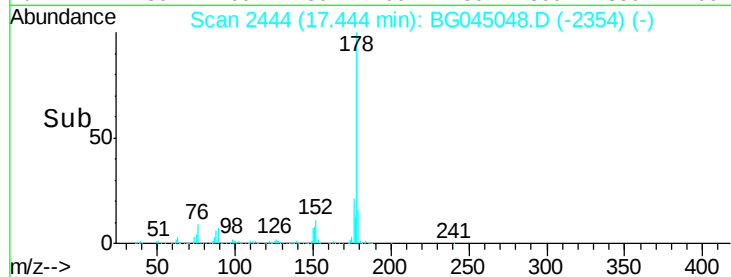
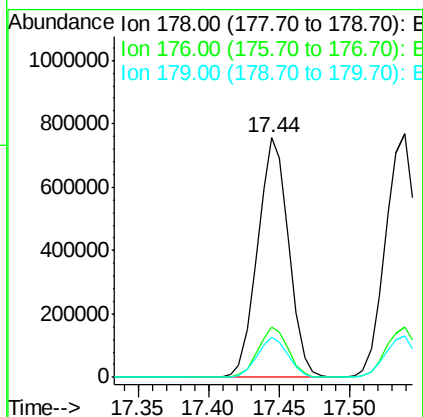
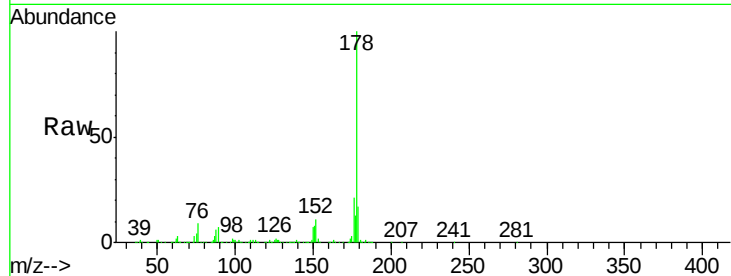




#71
Phenanthrene
Concen: 47.537 ng
RT: 17.44 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

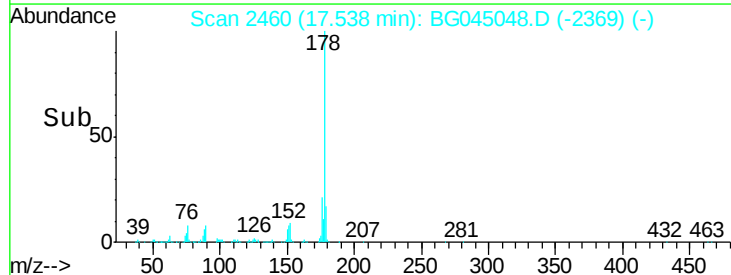
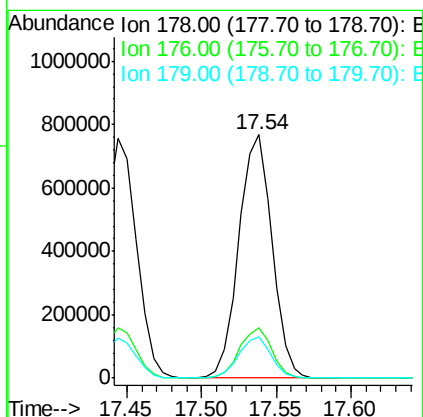
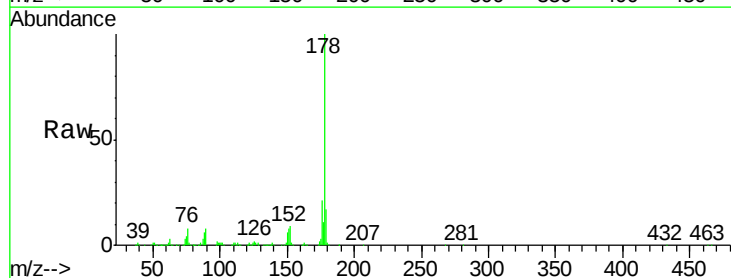
Instrument :
BNA_G
ClientSampleId :
PB128315BS

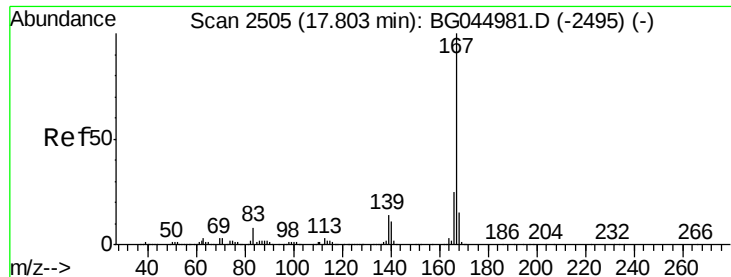
Tot Ion:178 Resp: 1168000
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.5 13.2 19.8



#72
Anthracene
Concen: 48.054 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion:178 Resp: 1184363
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 16.8 13.6 20.4





#73

Carbazole

Concen: 43.653 ng

RT: 17.80 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

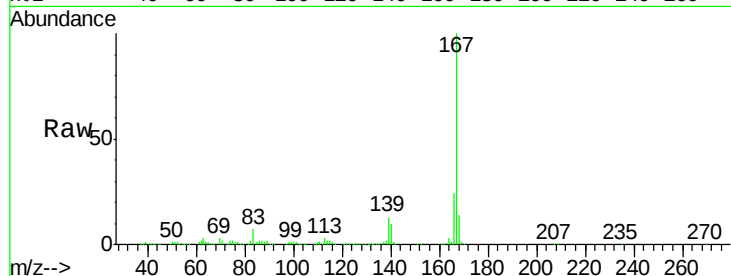
Tot Ion:167 Resp: 1091823

Ion Ratio Lower Upper

167 100

166 24.3 19.8 29.6

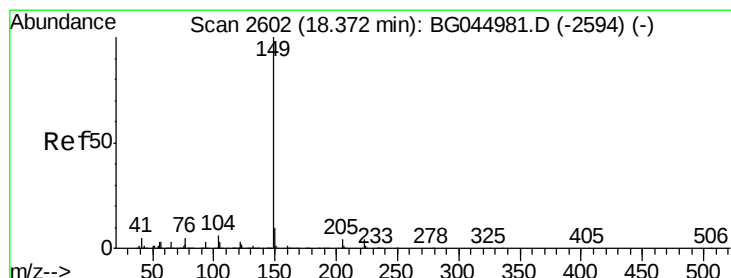
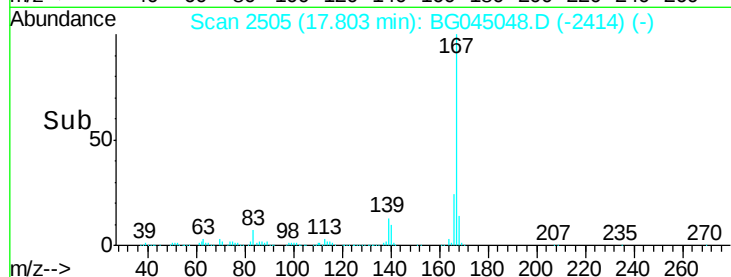
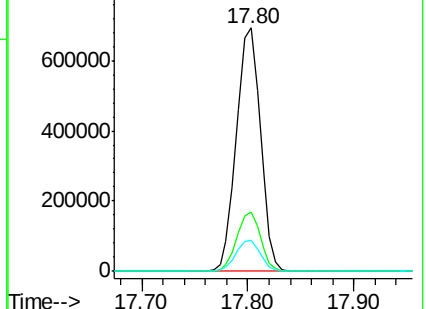
139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.130 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

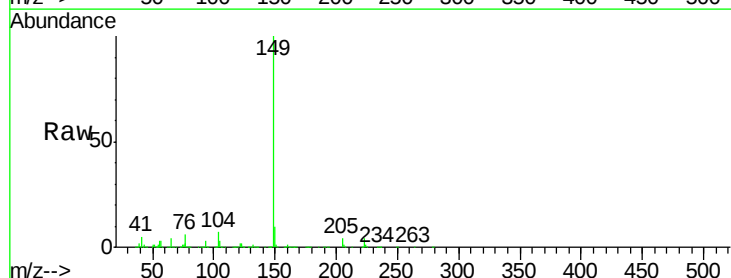
Tgt Ion:149 Resp: 1298890

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

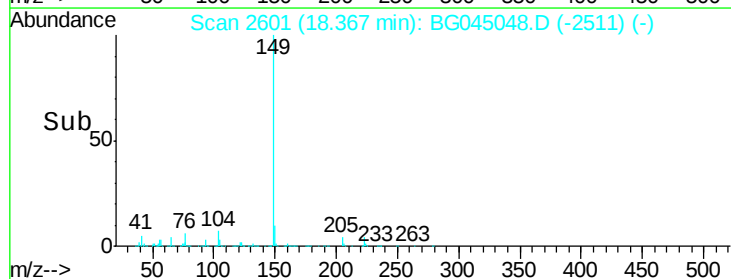
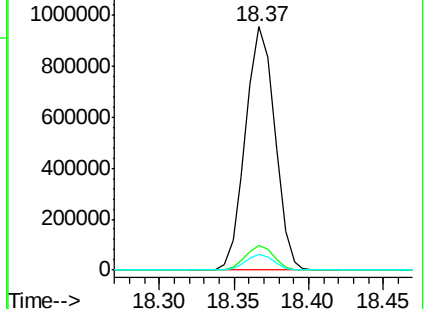
104 6.6 4.8 7.2

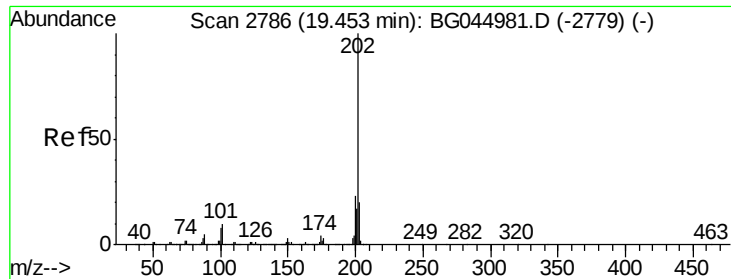


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.016 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

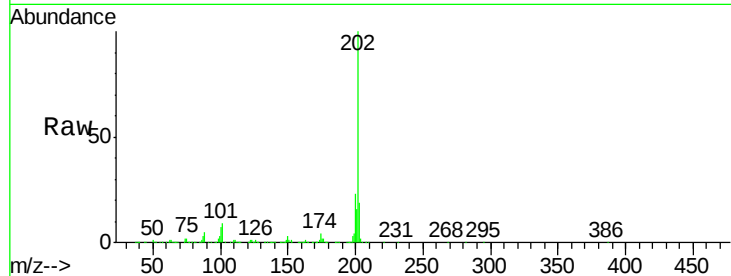
Tot Ion:202 Resp: 1424567

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

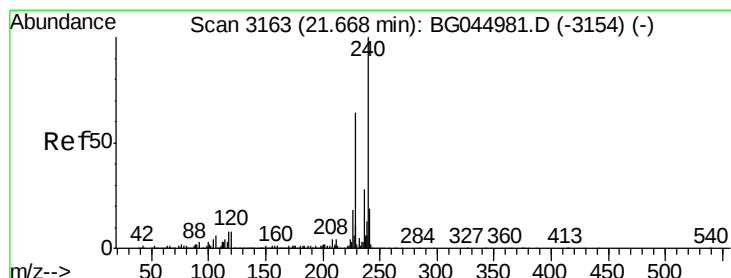
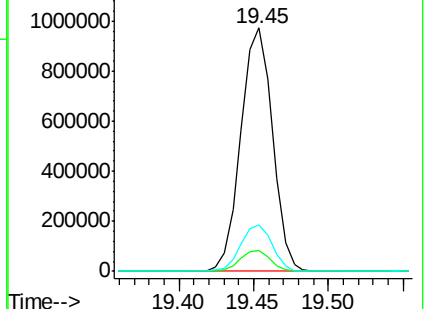
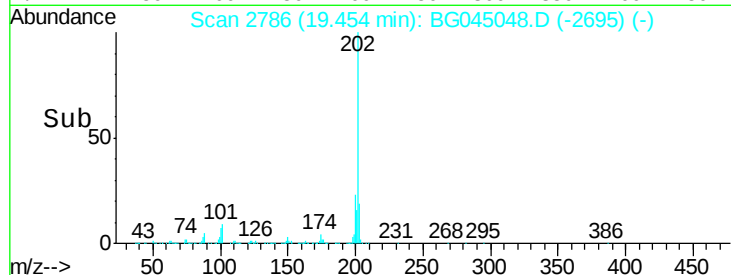
203 19.3 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

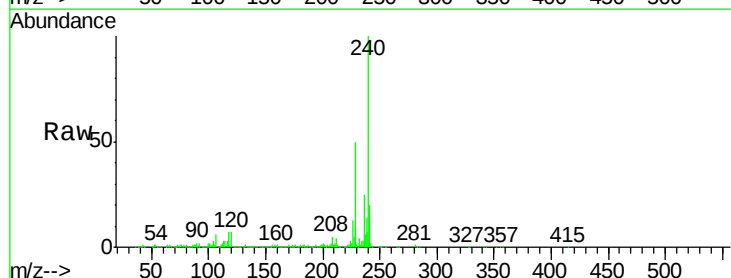
Tgt Ion:240 Resp: 436946

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

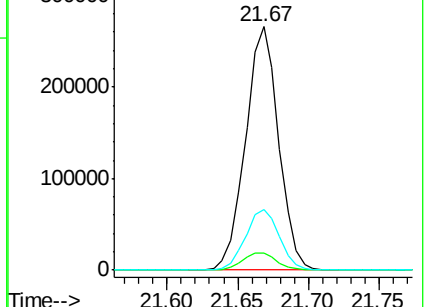
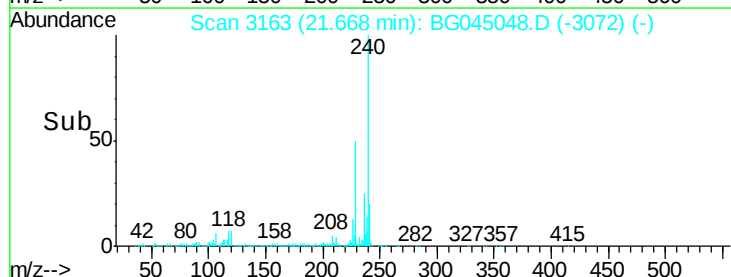
236 24.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.822 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

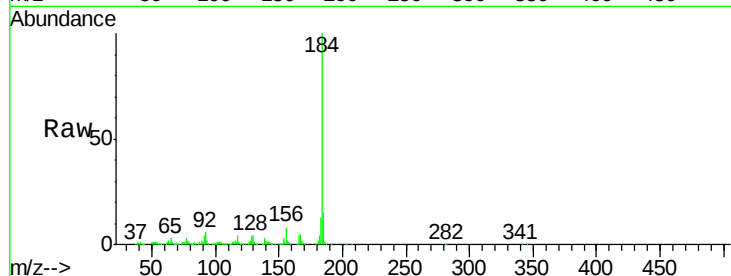
BNA_G

ClientSampleId :

PB128315BS

Tot Ion:184 Resp: 721284

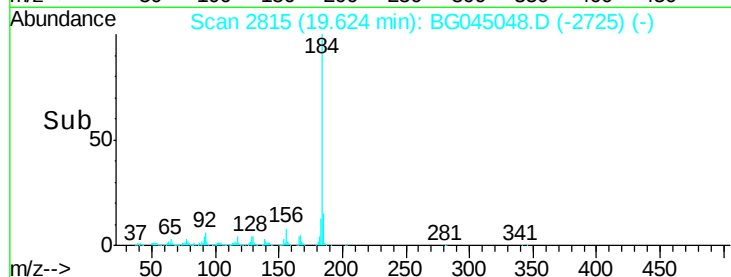
Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	19.0
183	13.2	11.3	16.9



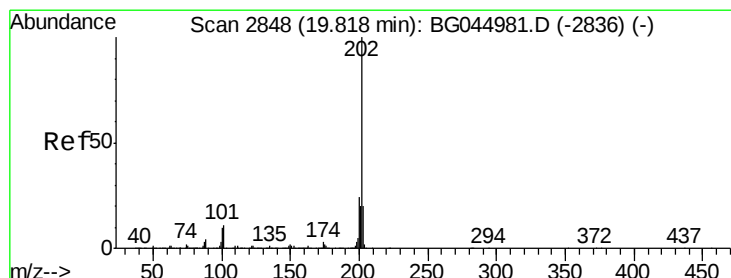
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 45.882 ng

RT: 19.81 min Scan# 2847

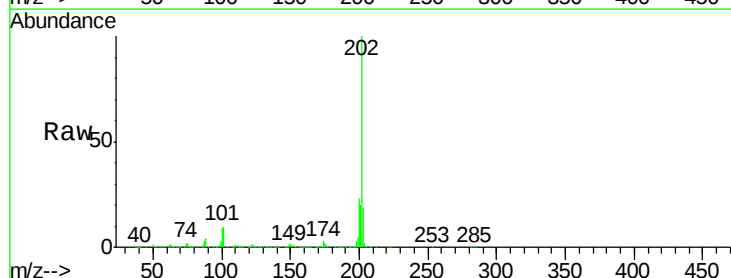
Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Tgt Ion:202 Resp: 1382100

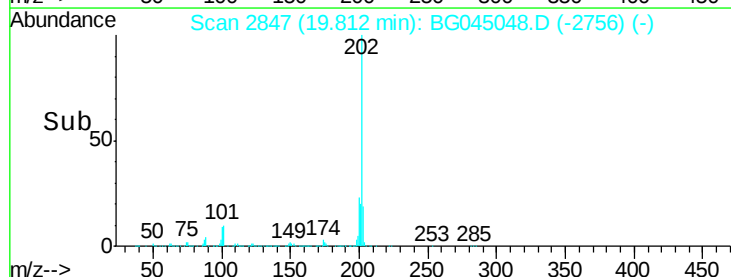
Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.0	28.6
203	18.8	16.1	24.1



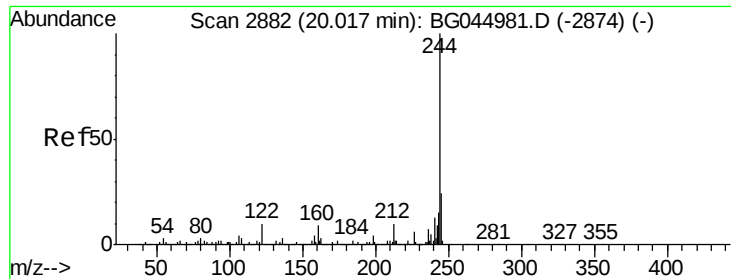
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90



#79

Terphenyl-d14

Concen: 98.396 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

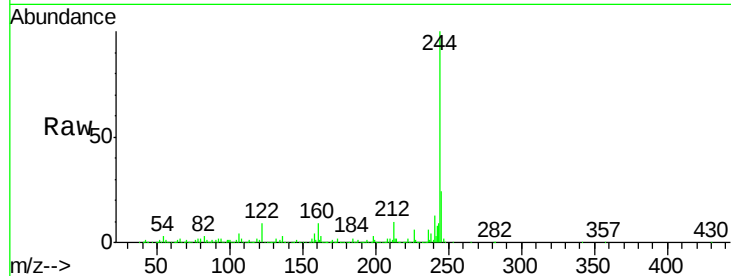
Tot Ion:244 Resp: 1972586

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

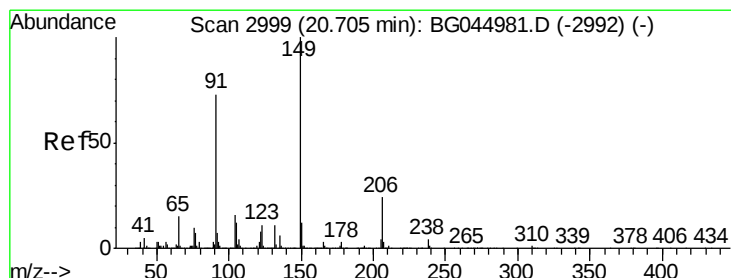
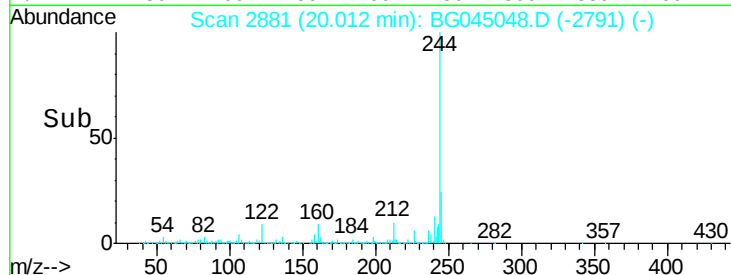
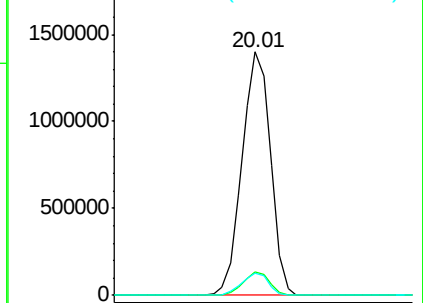
122 9.2 7.7 11.5



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: 45.299 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

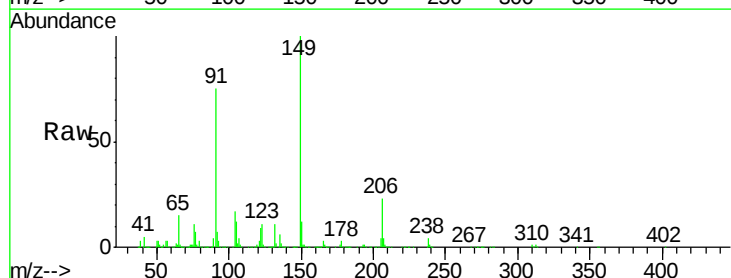
Tgt Ion:149 Resp: 565618

Ion Ratio Lower Upper

149 100

91 75.4 58.5 87.7

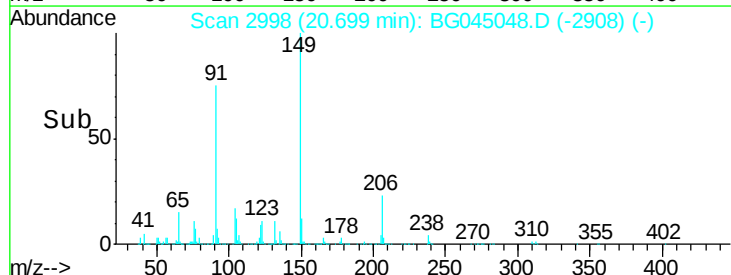
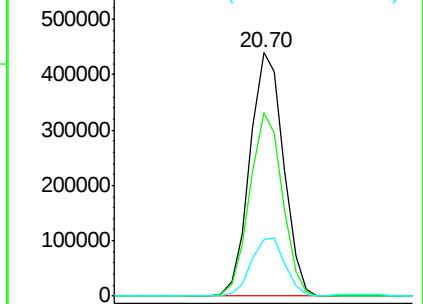
206 23.1 19.2 28.8

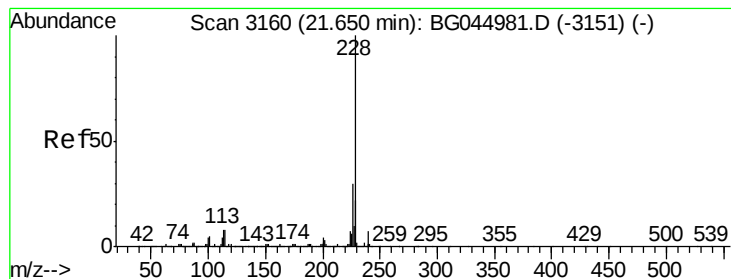


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.014 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

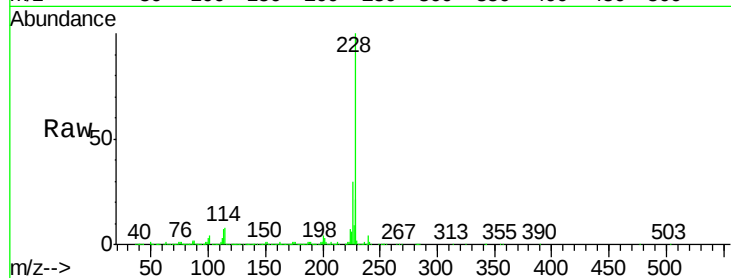
BNA_G

ClientSampleId :

PB128315BS

Tot Ion:228 Resp: 1331439

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.2	17.5	26.3

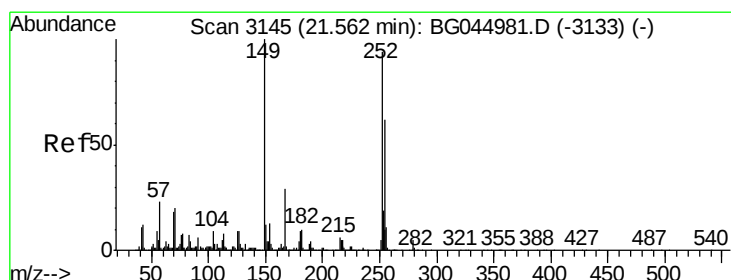
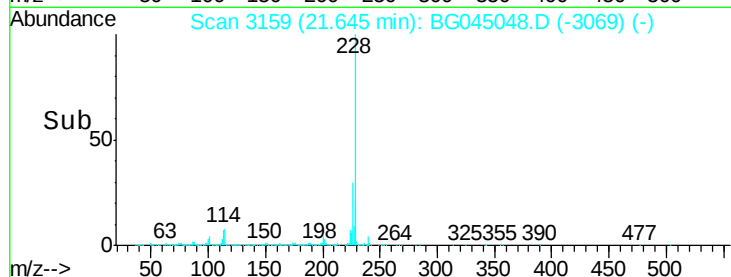
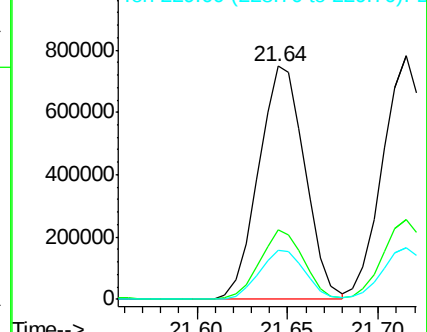


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.804 ng

RT: 21.56 min Scan# 3145

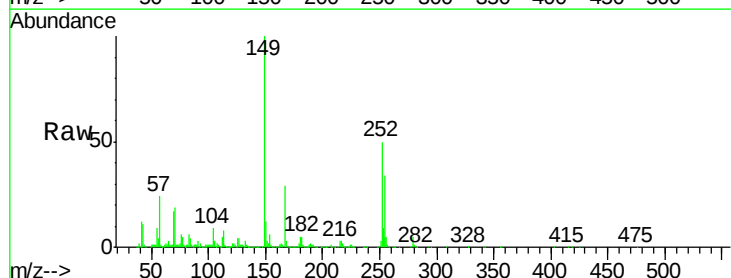
Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Tgt Ion:252 Resp: 369768

Ion	Ratio	Lower	Upper
252	100		
254	67.8	52.6	79.0
126	7.3	7.5	11.3#

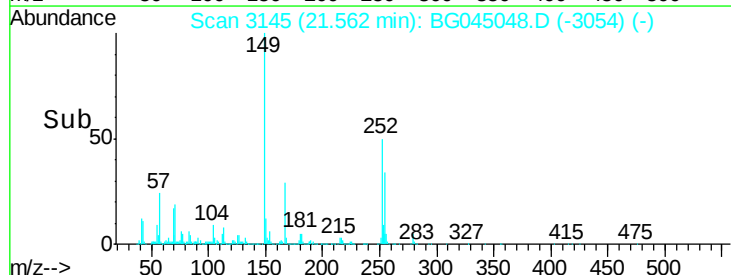
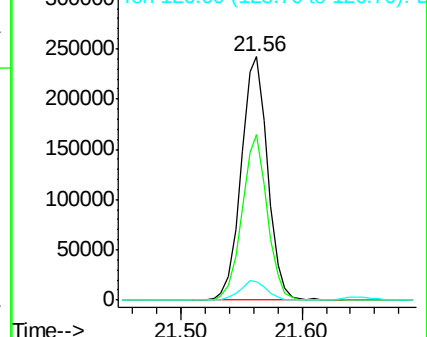


Abundance

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: 46.781 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

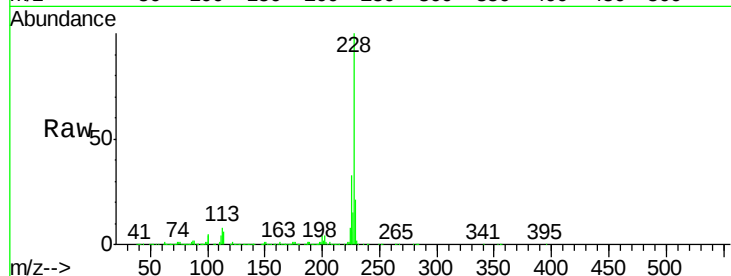
BNA_G

ClientSampleId :

PB128315BS

Tot Ion:228 Resp: 1272942

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.4	17.0	25.6

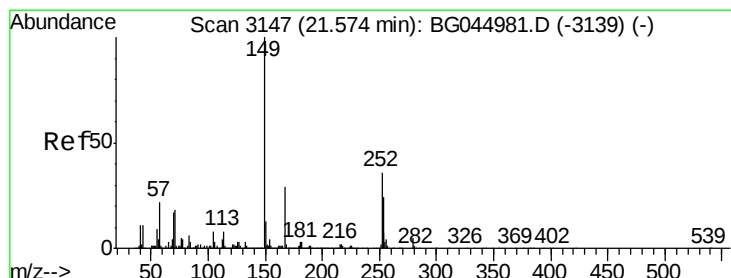
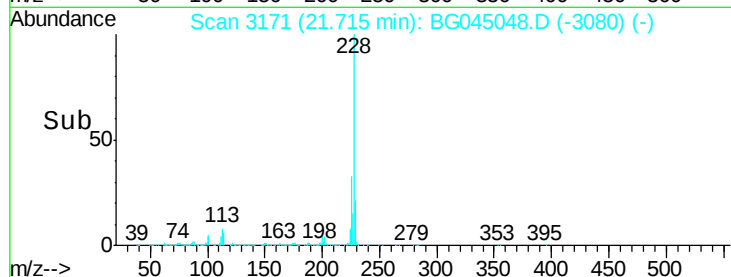
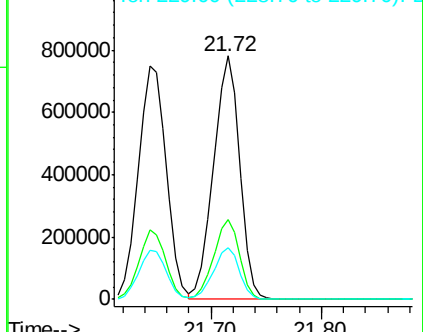


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.019 ng

RT: 21.57 min Scan# 3146

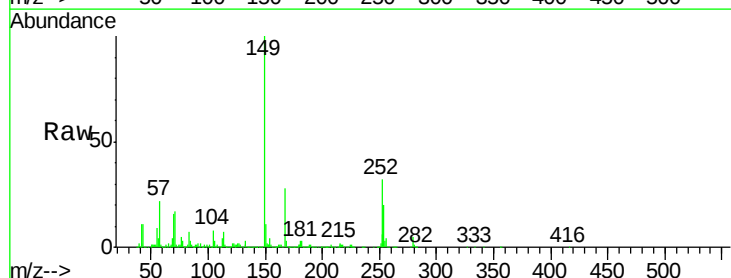
Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Tgt Ion:149 Resp: 790296

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.4	4.3	6.5

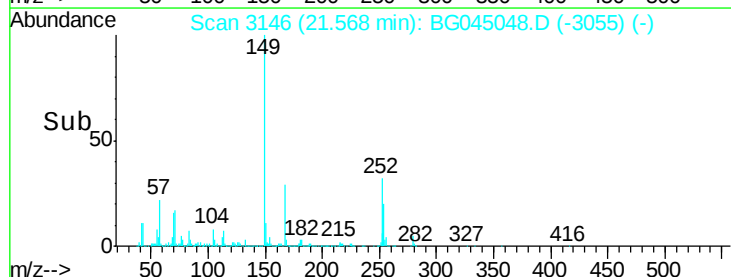
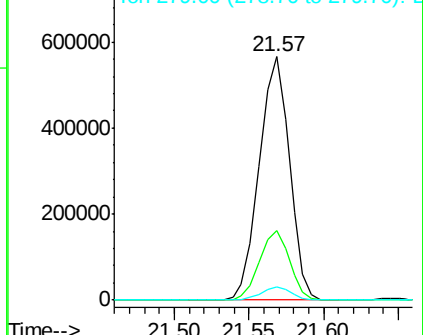


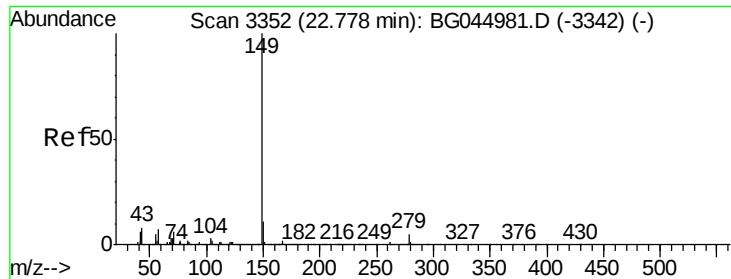
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.409 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

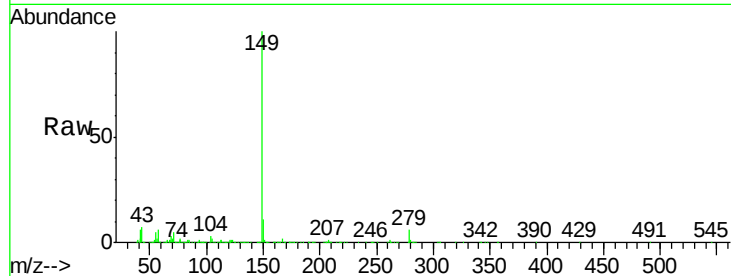
Tot Ion:149 Resp: 1348497

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

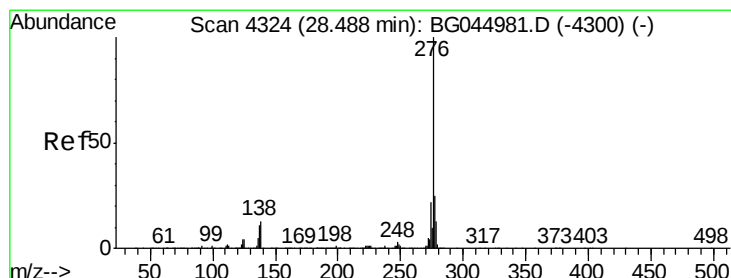
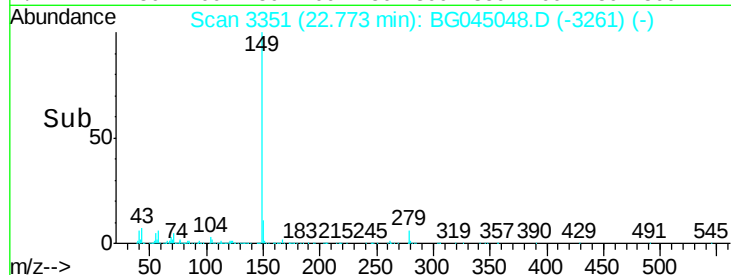
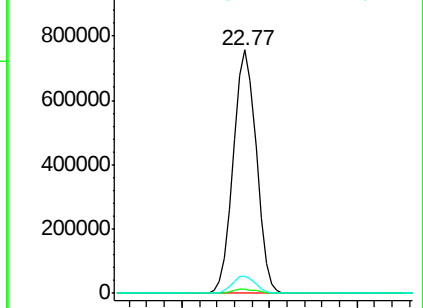
43 7.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.731 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

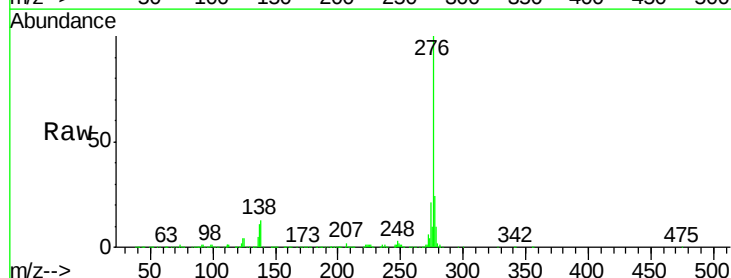
Tgt Ion:276 Resp: 1724371

Ion Ratio Lower Upper

276 100

138 15.8 9.6 14.4#

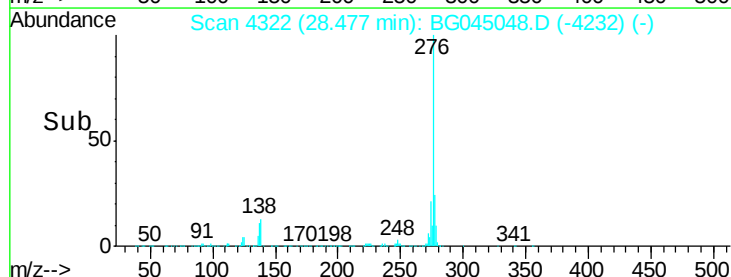
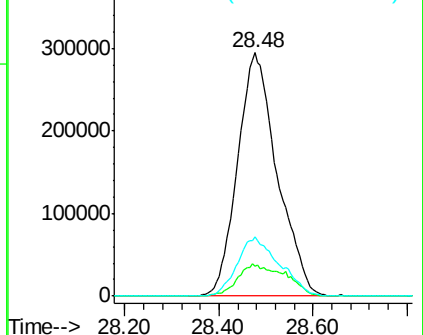
277 25.8 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

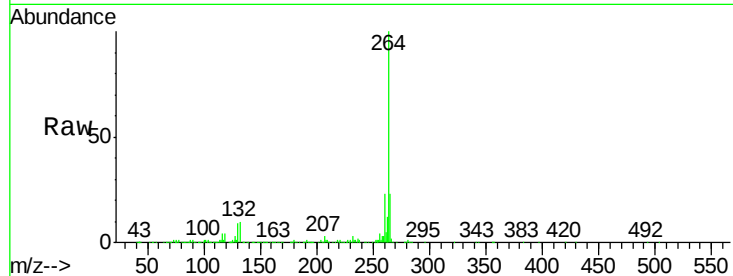
Tot Ion:264 Resp: 479812

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

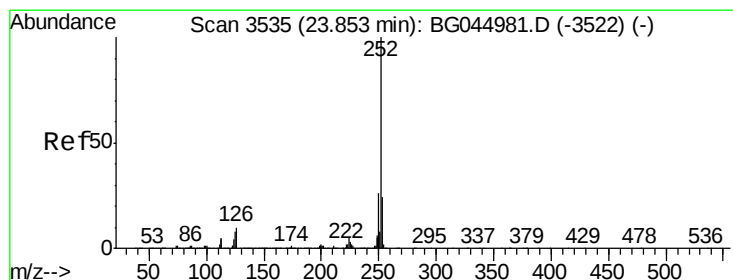
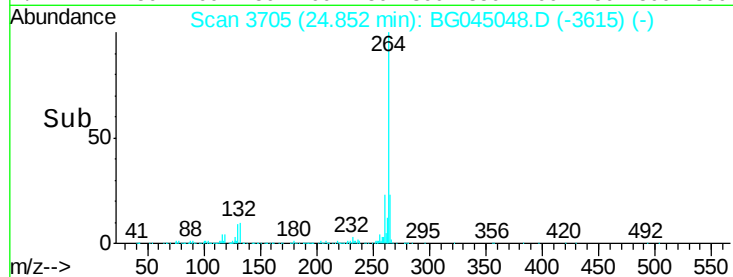
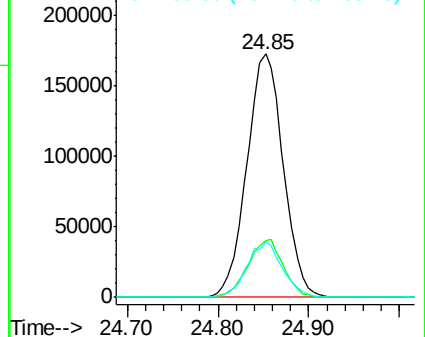
265 22.9 19.0 28.4



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: 49.438 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

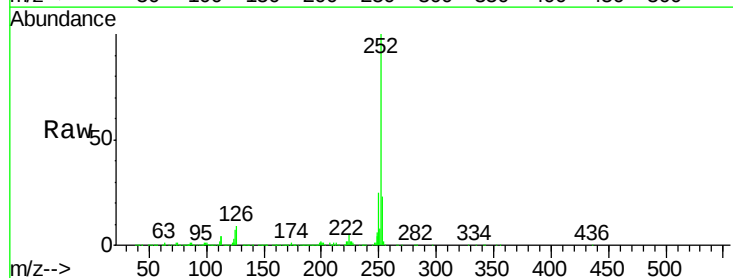
Tgt Ion:252 Resp: 1485884

Ion Ratio Lower Upper

252 100

253 22.7 18.8 28.2

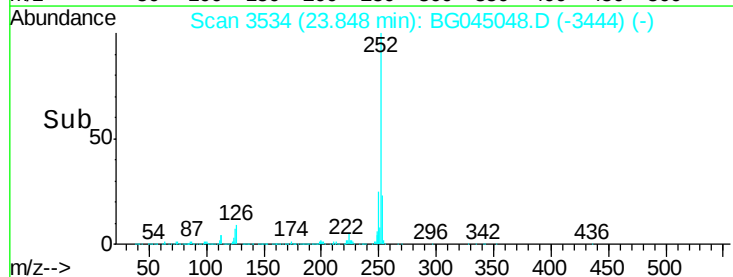
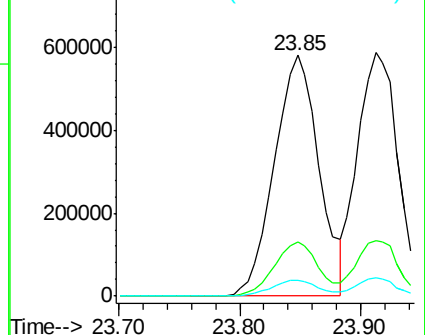
125 6.6 6.2 9.4

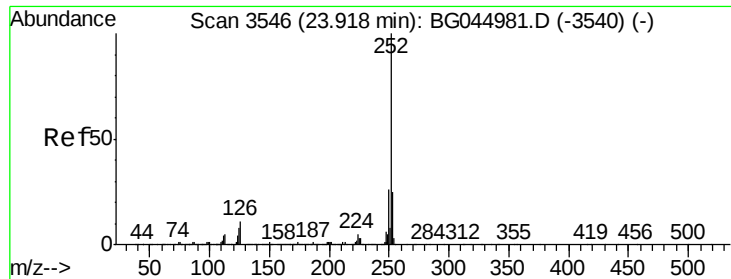


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

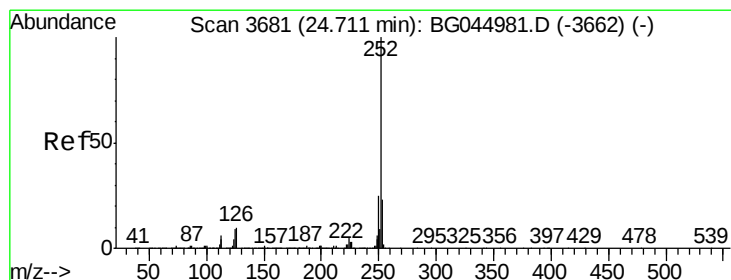
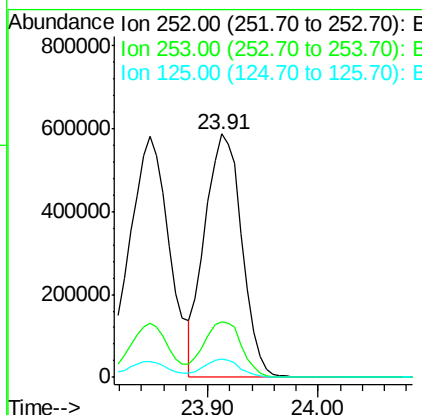
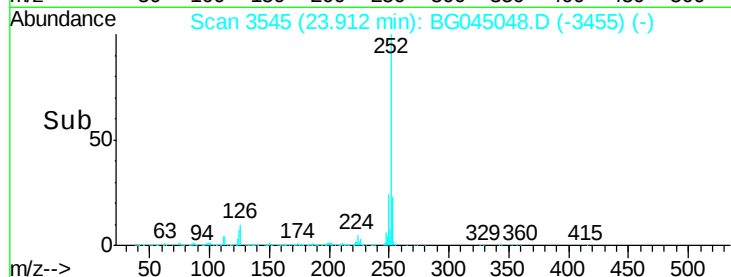
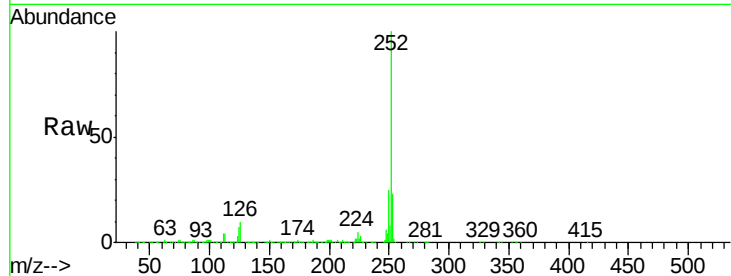




#89
Benzo(k)fluoranthene
Concen: 47.481 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

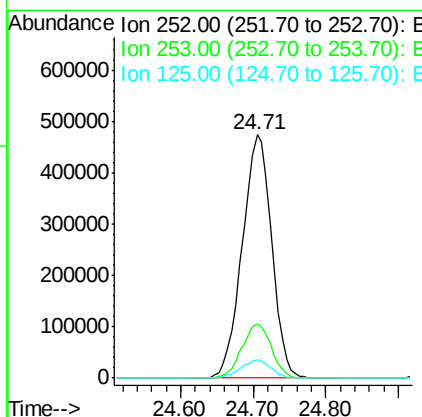
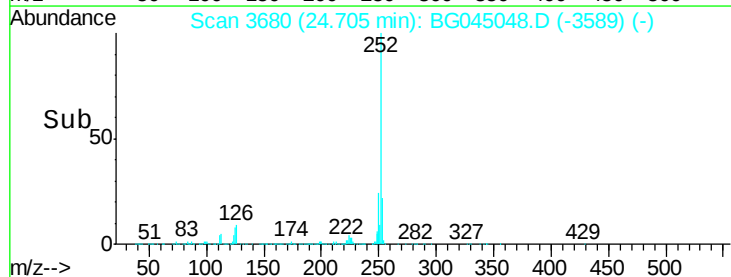
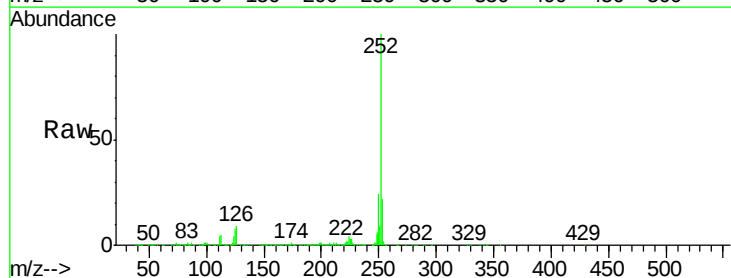
Instrument :
BNA_G
ClientSampleId :
PB128315BS

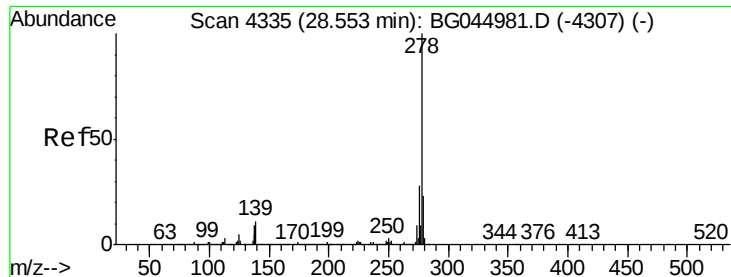
Tot Ion:252 Resp: 1357128
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 7.3 5.9 8.9



#90
Benzo(a)pyrene
Concen: 47.109 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BG045048.D
Acq: 18 Apr 2020 2:27

Tgt Ion:252 Resp: 1336802
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 7.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.980 ng

RT: 28.54 min Scan# 4333

Delta R.T. -0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB128315BS

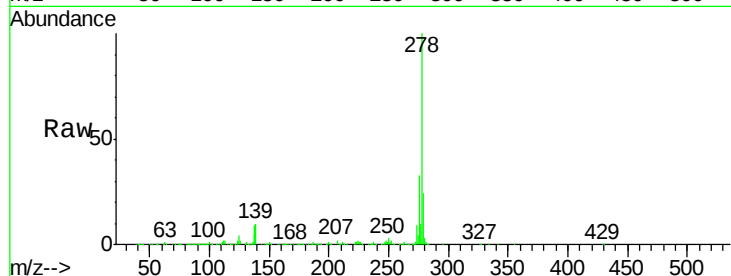
Tot Ion:278 Resp: 1400524

Ion Ratio Lower Upper

278 100

139 9.7 9.0 13.6

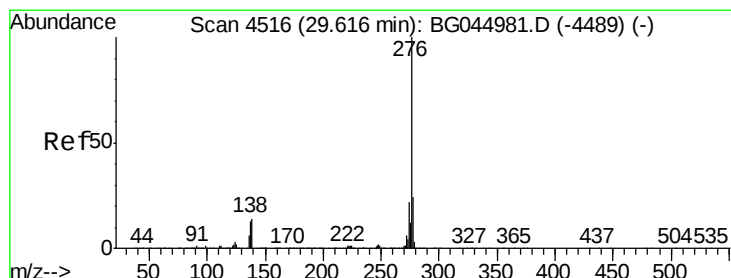
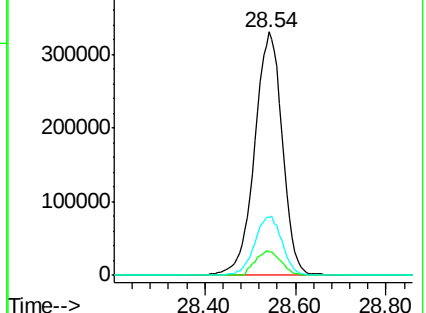
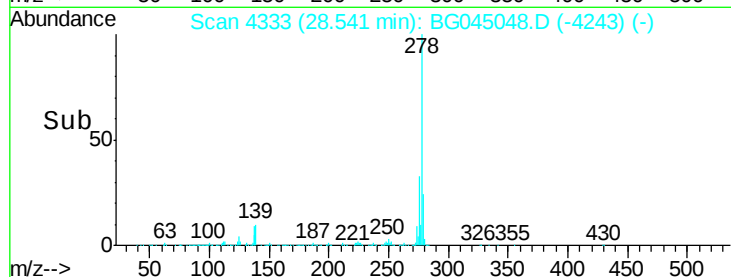
279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.166 ng

RT: 29.61 min Scan# 4515

Delta R.T. 0.00 min

Lab File: BG045048.D

Acq: 18 Apr 2020 2:27

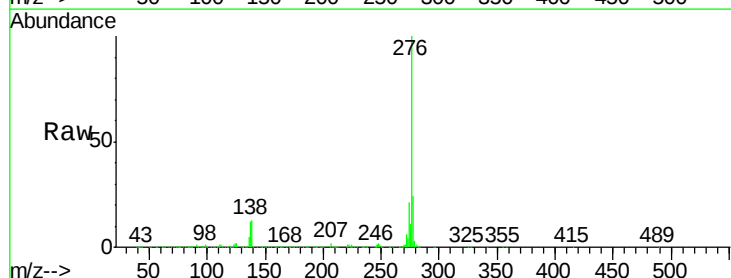
Tgt Ion:276 Resp: 1409428

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 12.7 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

