

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045441.D
 Acq On : 21 May 2020 15:41
 Operator : CG/JU
 Sample : PB129042BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Quant Time: May 21 16:19:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58865	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	239821	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182316	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	454252	20.00	ng	0.00
76) Chrysene-d12	21.61	240	440745	20.00	ng	0.00
87) Perylene-d12	24.77	264	498030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	441273	146.50	ng	0.00
7) Phenol-d6	7.19	99	616022	143.69	ng	0.00
23) Nitrobenzene-d5	9.12	82	380589	86.54	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	321101	137.72	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	937996	87.27	ng	0.00
79) Terphenyl-d14	19.97	244	1720658	91.05	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	55644	37.254 ng	98
3) Pyridine	3.81	79	127379	30.620 ng	94
4) n-Nitrosodimethylamine	3.72	42	57554	42.280 ng	97
6) Aniline	7.29	93	138440	24.737 ng	98
8) 2-Chlorophenol	7.55	128	158171	47.885 ng	98
9) Benzaldehyde	7.10	77	105951	37.932 ng	95
10) Phenol	7.21	94	214954	48.649 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	142550	41.362 ng	99
12) 1,3-Dichlorobenzene	7.85	146	168448	42.436 ng	98
13) 1,4-Dichlorobenzene	8.00	146	171098	43.678 ng	98
14) 1,2-Dichlorobenzene	8.32	146	159746	42.399 ng	94
15) Benzyl Alcohol	8.22	79	160280	45.257 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	134805	41.207 ng	97
17) 2-Methylphenol	8.45	107	147236	44.520 ng	96
18) Hexachloroethane	9.05	117	63094	42.054 ng	92
19) n-Nitroso-di-n-propylamine	8.77	70	130800	44.121 ng	99
20) 3+4-Methylphenols	8.78	107	197080	43.762 ng	# 49
22) Acetophenone	8.78	105	242269	42.623 ng	# 92
24) Nitrobenzene	9.16	77	200294	42.509 ng	96
25) Isophorone	9.69	82	370005	42.721 ng	98
26) 2-Nitrophenol	9.88	139	91498	45.394 ng	# 88
27) 2,4-Dimethylphenol	9.97	122	156567	52.372 ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	204276	44.973 ng	97
29) 2,4-Dichlorophenol	10.45	162	169650	48.056 ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	184150	44.145 ng	94
31) Naphthalene	10.82	128	497382	44.506 ng	100
32) Benzoic acid	10.15	122	103015	50.109 ng	95
33) 4-Chloroaniline	10.94	127	75700	16.205 ng	95
34) Hexachlorobutadiene	11.11	225	125239	42.472 ng	99
35) Caprolactam	11.70	113	33828	26.106 ng	98
36) 4-Chloro-3-methylphenol	12.11	107	198350	49.861 ng	95
37) 2-Methylnaphthalene	12.43	142	381668	45.821 ng	97
38) 1-Methylnaphthalene	12.65	142	362010	46.009 ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	216032	42.423 ng	97

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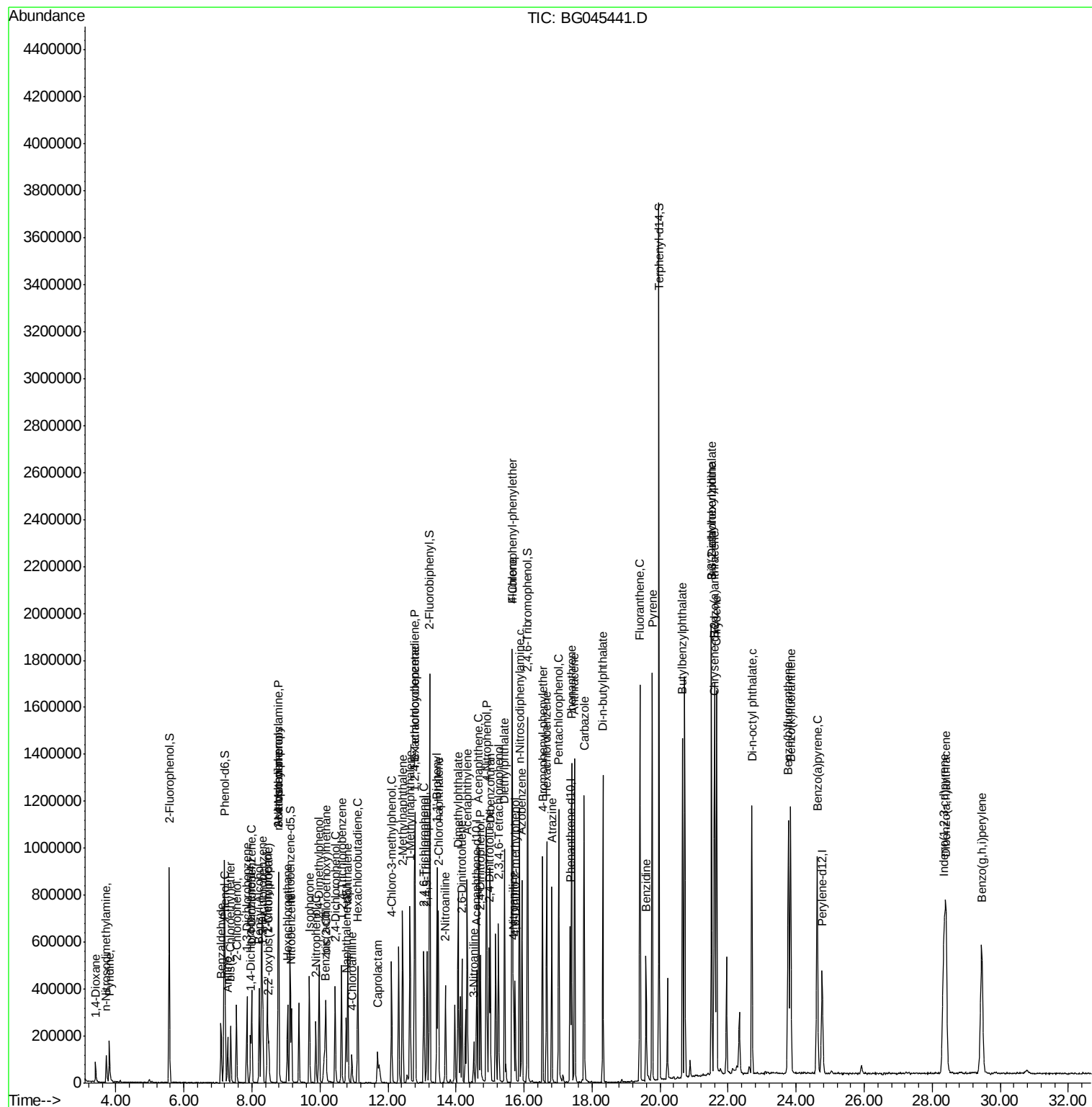
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	286418	97.447	ng	100
43) 2,4,6-Trichlorophenol	13.05	196	154871	43.780	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	167252	41.374	ng	96
46) 1,1'-Biphenyl	13.44	154	505030	45.082	ng	98
47) 2-Chloronaphthalene	13.48	162	386161	42.450	ng	99
48) 2-Nitroaniline	13.69	65	123374	41.230	ng	89
49) Acenaphthylene	14.33	152	656208	44.909	ng	99
50) Dimethylphthalate	14.06	163	545796	43.640	ng	99
51) 2,6-Dinitrotoluene	14.18	165	123899	43.902	ng	91
52) Acenaphthene	14.67	154	382293	39.086	ng	97
53) 3-Nitroaniline	14.52	138	53285	18.574	ng	# 81
54) 2,4-Dinitrophenol	14.72	184	137988	75.006	ng	98
55) Dibenzofuran	15.00	168	635680	43.765	ng	97
56) 4-Nitrophenol	14.89	139	196169	90.318	ng	91
57) 2,4-Dinitrotoluene	14.97	165	179079	43.814	ng	97
58) Fluorene	15.66	166	536332	44.946	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	157986	44.423	ng	99
60) Diethylphthalate	15.43	149	572360	43.969	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	298977	43.784	ng	99
62) 4-Nitroaniline	15.69	138	119631	39.944	ng	92
63) Azobenzene	15.94	77	529760	43.645	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112003	42.336	ng	94
66) n-Nitrosodiphenylamine	15.87	169	475335	43.582	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	208301	42.348	ng	97
68) Hexachlorobenzene	16.67	284	227432	44.207	ng	99
69) Atrazine	16.82	200	184900	41.159	ng	98
70) Pentachlorophenol	17.02	266	232039	86.863	ng	97
71) Phenanthrene	17.40	178	887318	44.745	ng	100
72) Anthracene	17.49	178	915528	45.973	ng	98
73) Carbazole	17.76	167	844256	43.492	ng	99
74) Di-n-butylphthalate	18.32	149	1009655	43.334	ng	99
75) Fluoranthene	19.41	202	1141453	45.254	ng	99
77) Benzidine	19.59	184	357433	28.875	ng	98
78) Pyrene	19.77	202	1125994	44.817	ng	99
80) Butylbenzylphthalate	20.65	149	455597	42.012	ng	98
81) Benzo(a)anthracene	21.59	228	1087413	44.289	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	204851	21.270	ng	97
83) Chrysene	21.66	228	1046185	44.315	ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	641340	43.022	ng	98
85) Di-n-octyl phthalate	22.70	149	1095692	42.795	ng	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1396548	45.237	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1188306	44.489	ng	99
89) Benzo(k)fluoranthene	23.84	252	1132992	45.151	ng	99
90) Benzo(a)pyrene	24.62	252	1088639	43.763	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1136275	45.455	ng	99
92) Benzo(g,h,i)perylene	29.47	276	1158091	46.322	ng	97

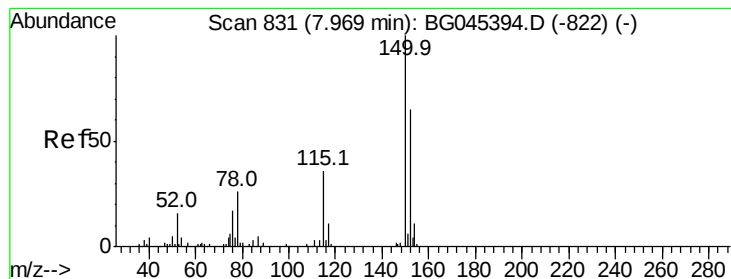
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

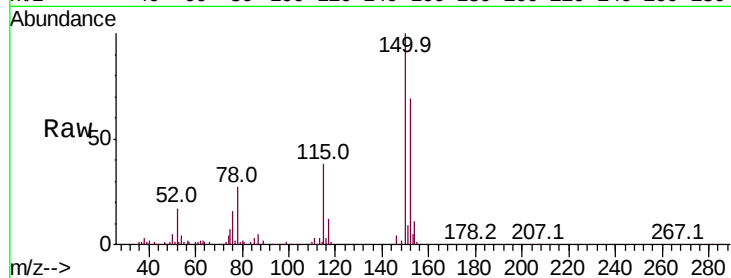
Tot Ion:152 Resp: 58865

Ion Ratio Lower Upper

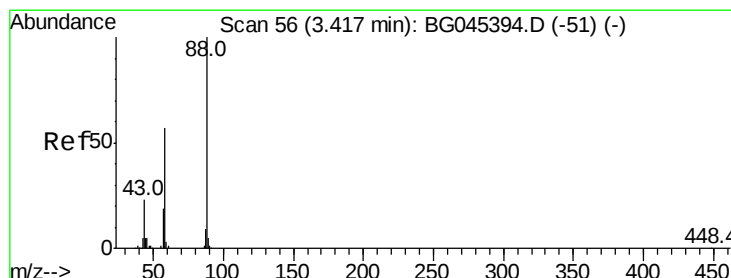
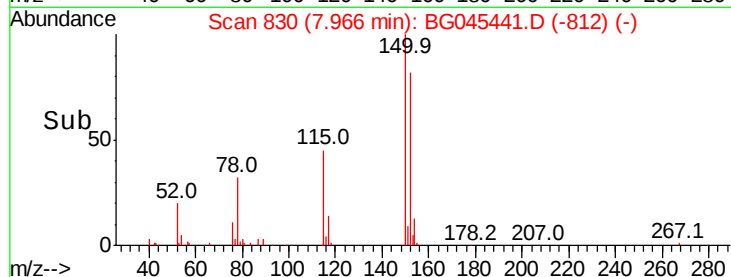
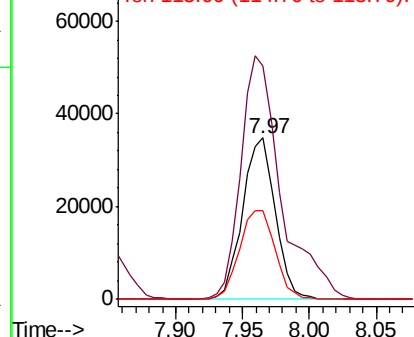
152 100

150 144.3 122.4 183.6

115 55.2 44.2 66.4



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



#2

1,4-Dioxane

Concen: 37.254 ng

RT: 3.41 min Scan# 54

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

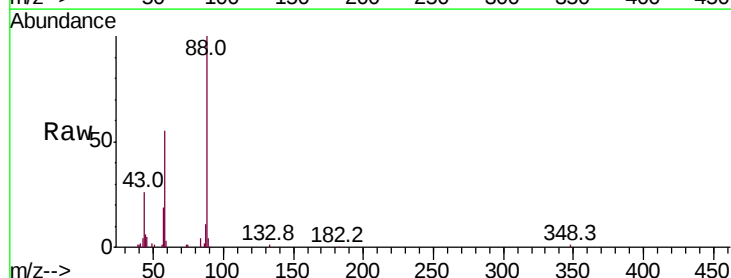
Tgt Ion: 88 Resp: 55644

Ion Ratio Lower Upper

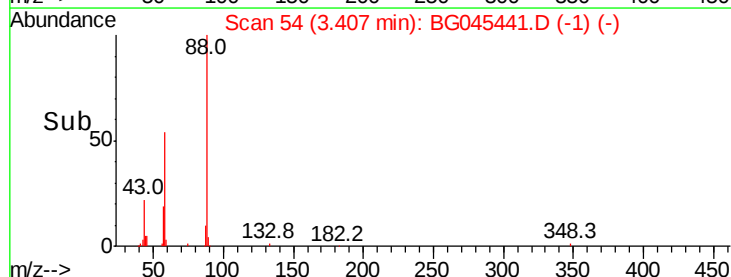
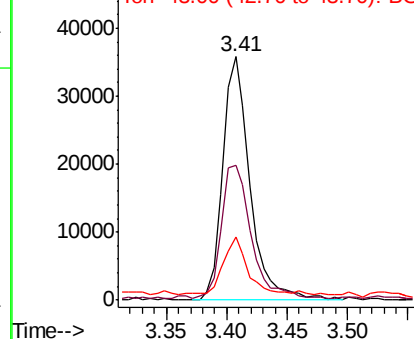
88 100

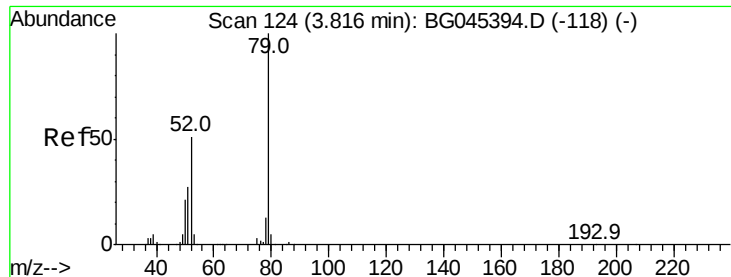
58 58.8 45.7 68.5

43 21.8 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.620 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG045441.D

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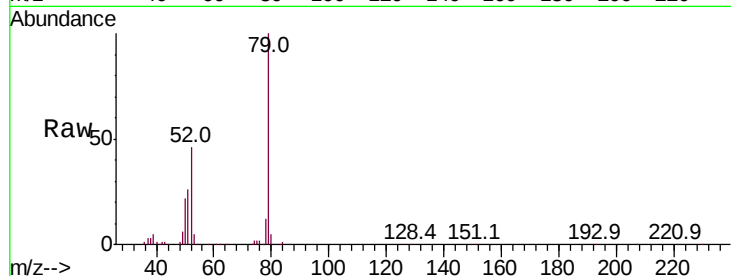
Tot Ion: 79 Resp: 127379

Ion Ratio Lower Upper

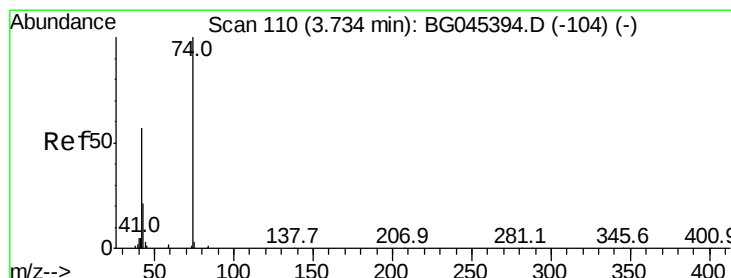
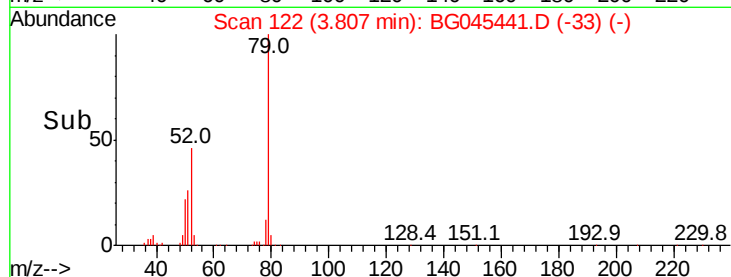
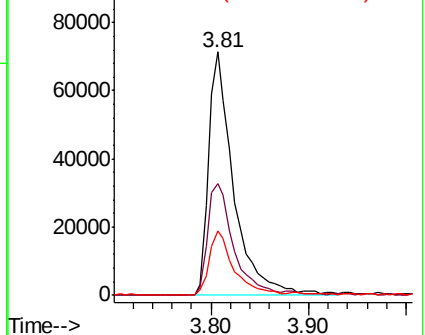
79 100

52 45.7 40.8 61.2

51 26.3 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 42.280 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

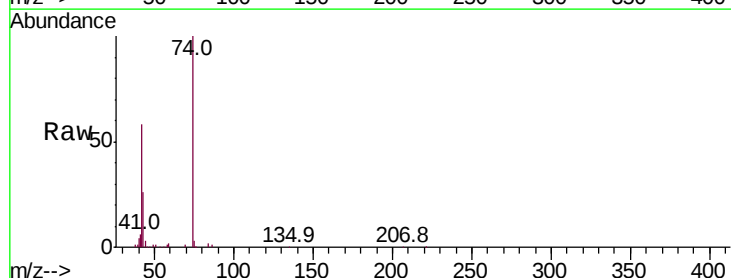
Tgt Ion: 42 Resp: 57554

Ion Ratio Lower Upper

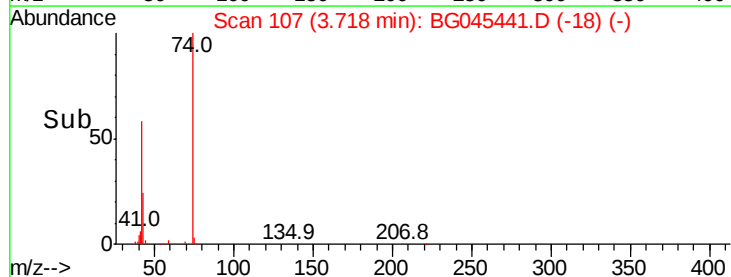
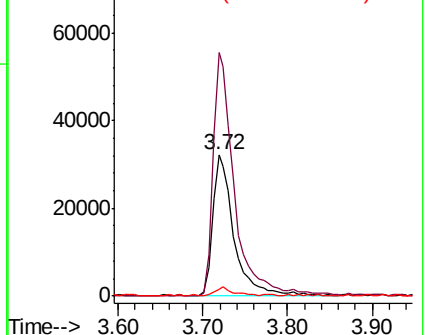
42 100

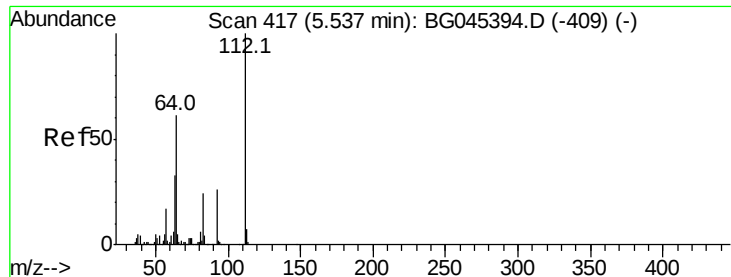
74 172.0 141.3 211.9

44 4.8 4.2 6.4



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





#5

2-Fluorophenol

Concen: 146.501 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

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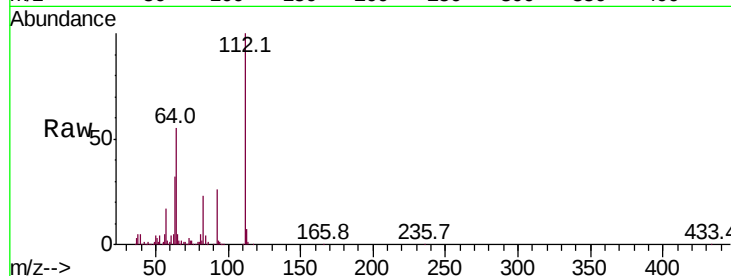
Tot Ion:112 Resp: 441273

Ion Ratio Lower Upper

112 100

64 55.2 48.6 72.8

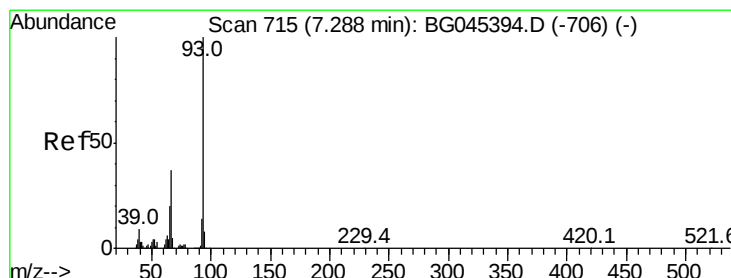
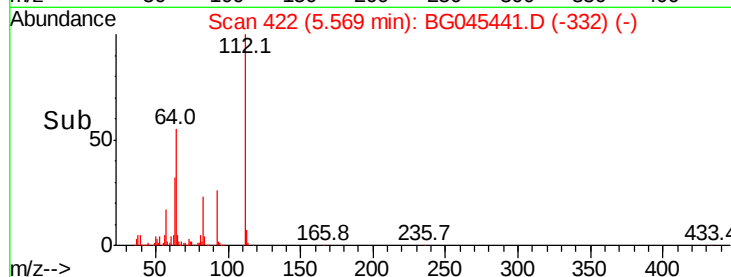
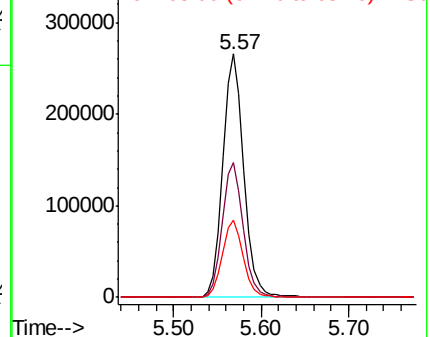
63 31.8 26.5 39.7



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: 24.737 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

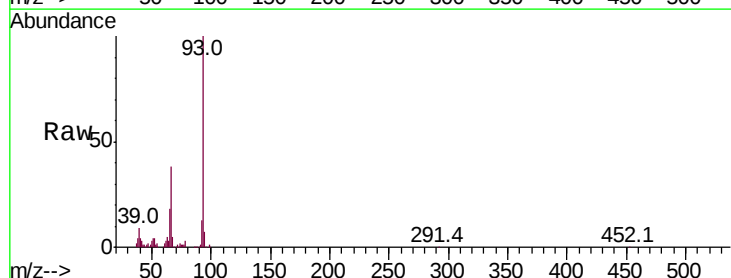
Tgt Ion: 93 Resp: 138440

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

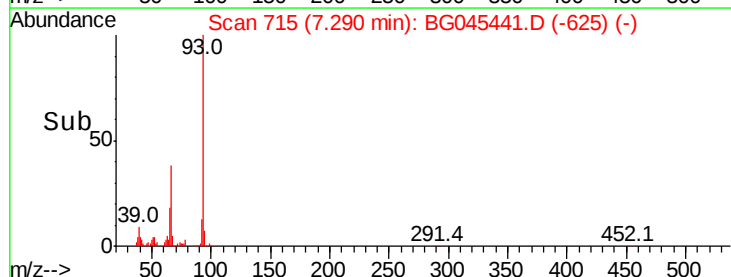
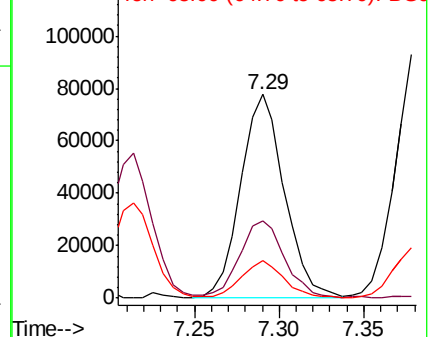
65 18.2 15.9 23.9

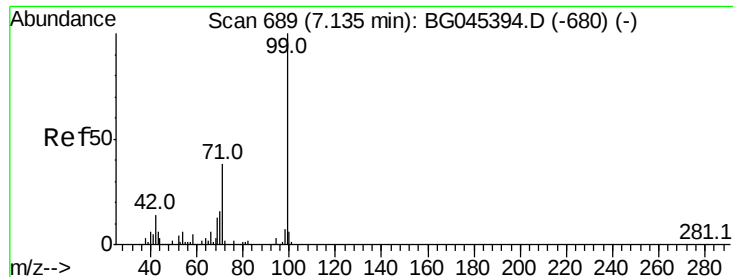


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.692 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

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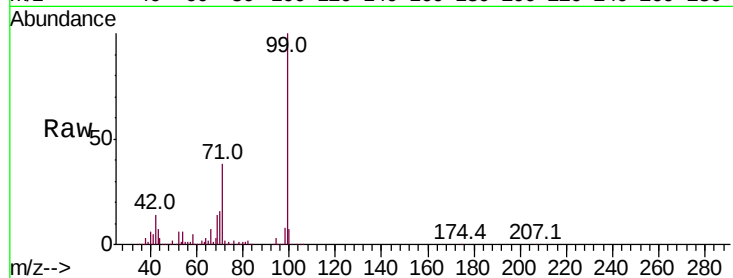
Tot Ion: 99 Resp: 616022

Ion Ratio Lower Upper

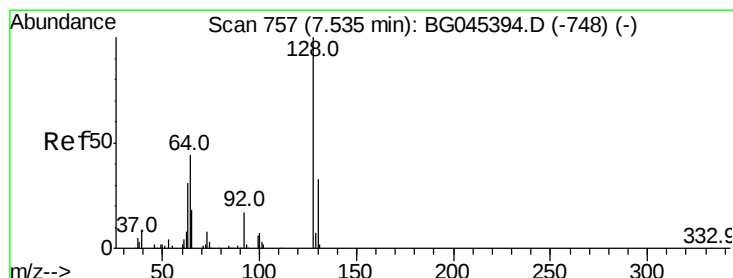
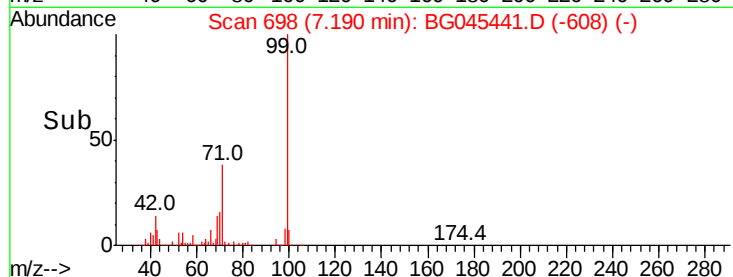
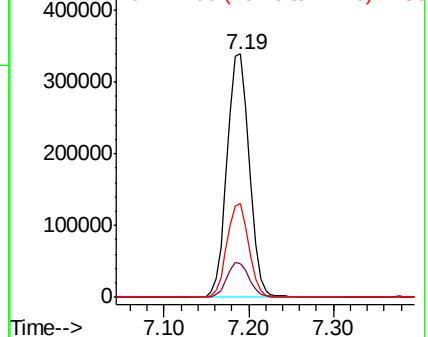
99 100

42 14.0 11.3 16.9

71 38.3 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.885 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

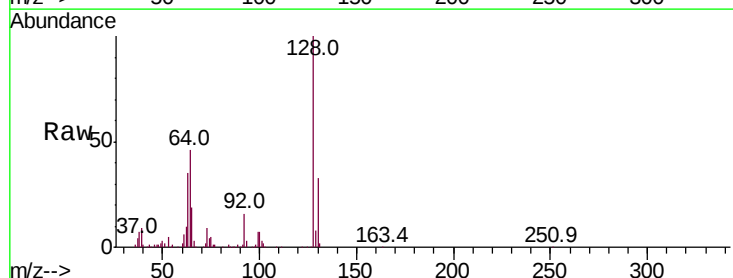
Tgt Ion:128 Resp: 158171

Ion Ratio Lower Upper

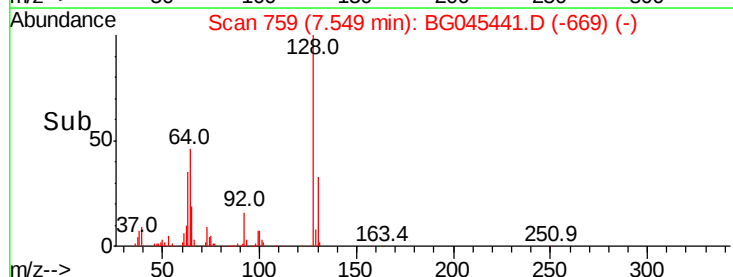
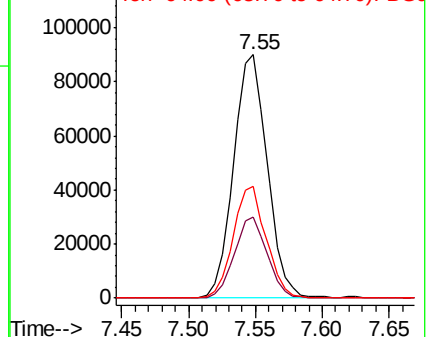
128 100

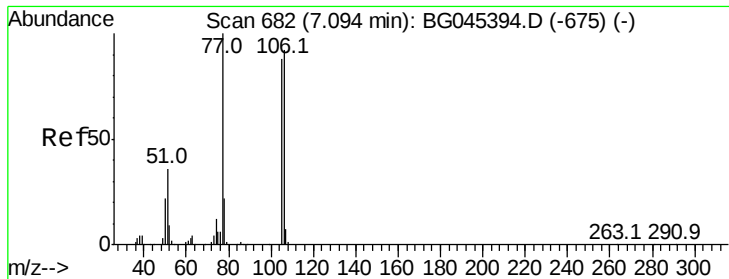
130 33.4 12.6 52.6

64 45.7 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.932 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

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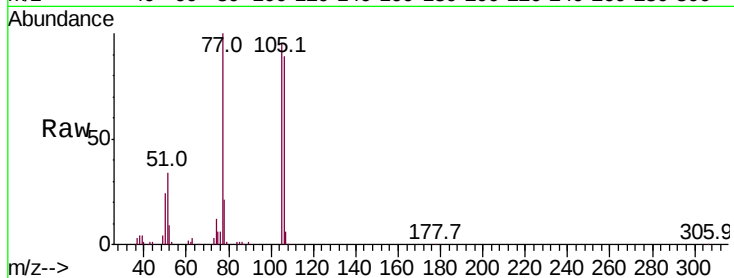
Tot Ion: 77 Resp: 105951

Ion Ratio Lower Upper

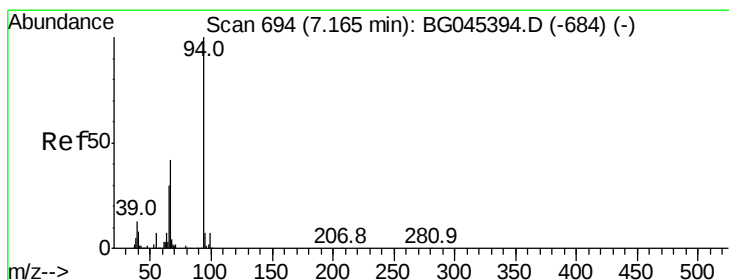
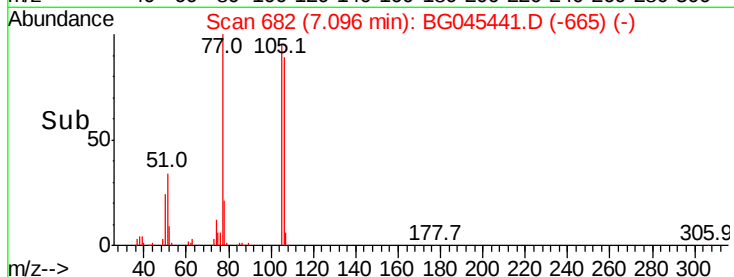
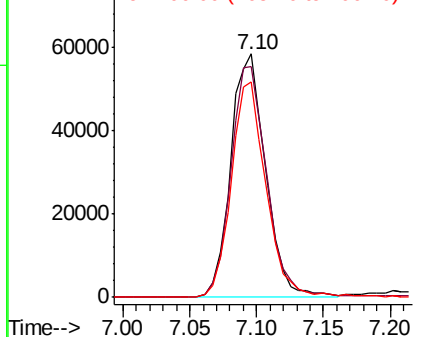
77 100

105 94.9 68.5 108.5

106 88.6 71.6 111.6



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: 48.649 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

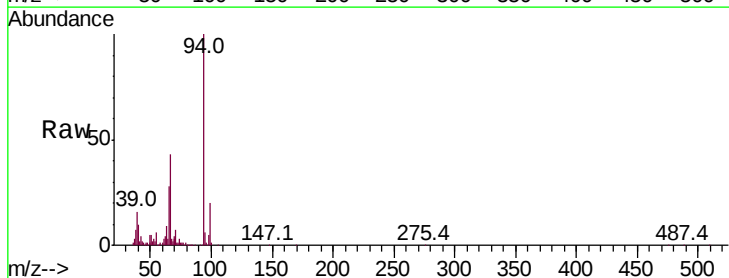
Tgt Ion: 94 Resp: 214954

Ion Ratio Lower Upper

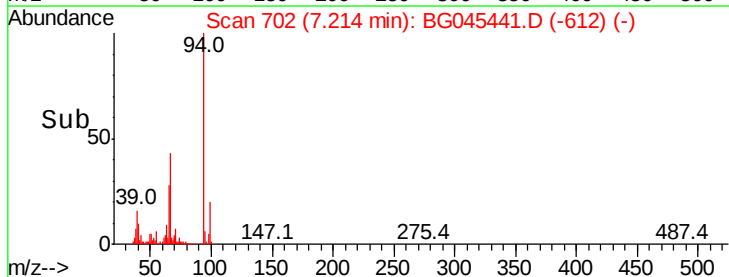
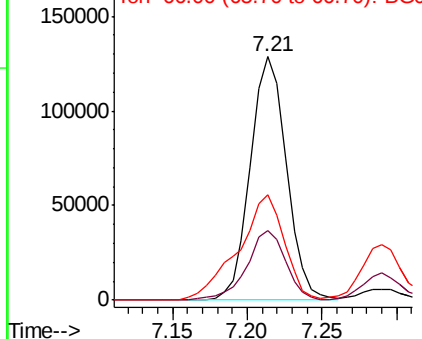
94 100

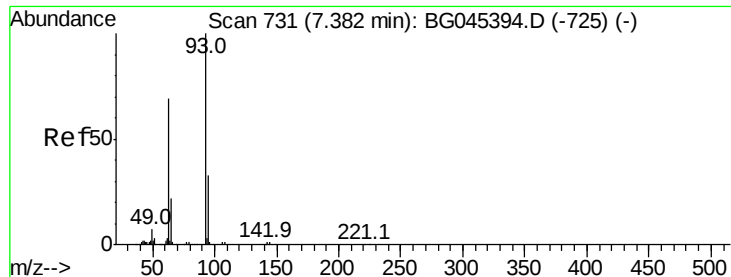
65 28.4 9.8 49.8

66 43.1 22.0 62.0



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

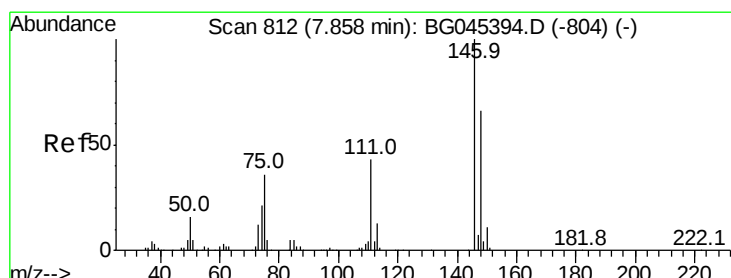
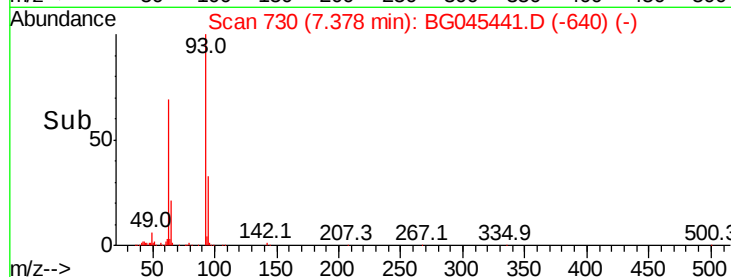
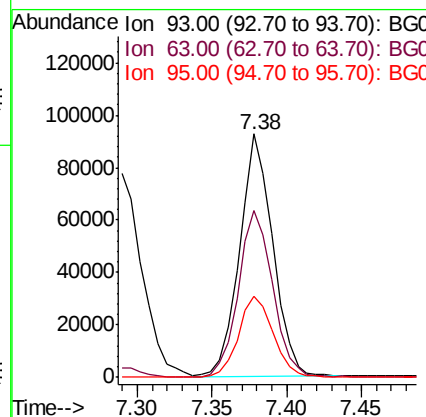
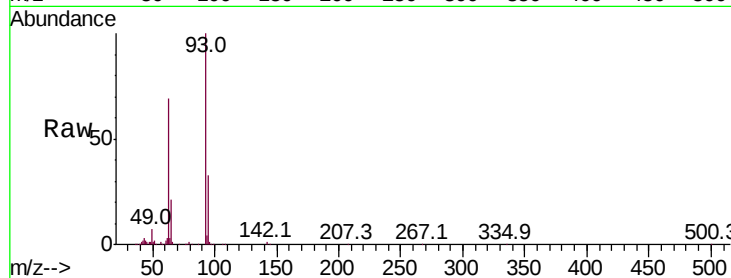




#11
bis(2-Chloroethyl)ether
Concen: 41.362 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

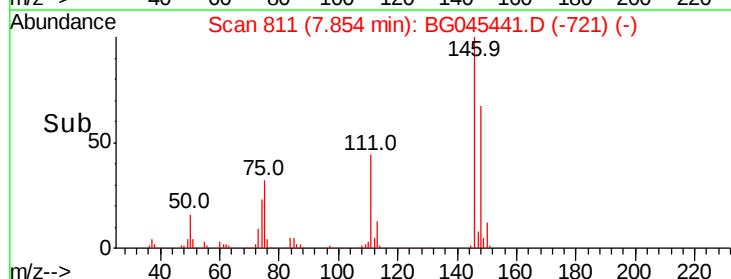
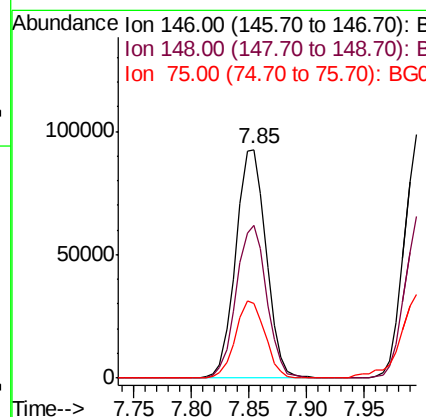
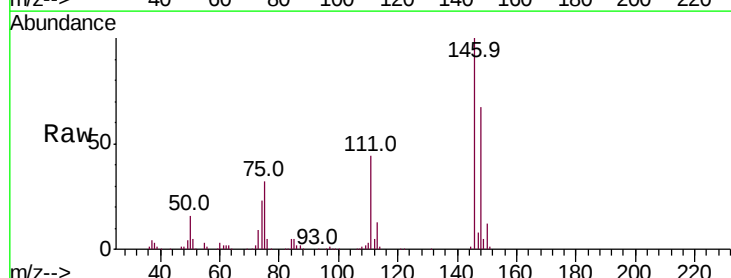
Instrument :
BNA_G
ClientSampleId :
PB129042BS

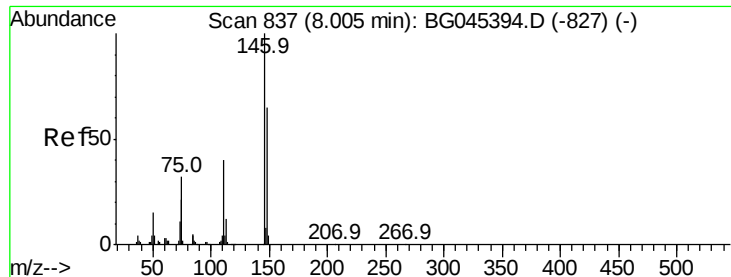
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.4	88.4
95	33.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 42.436 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.2	79.8
75	32.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.678 ng

RT: 8.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

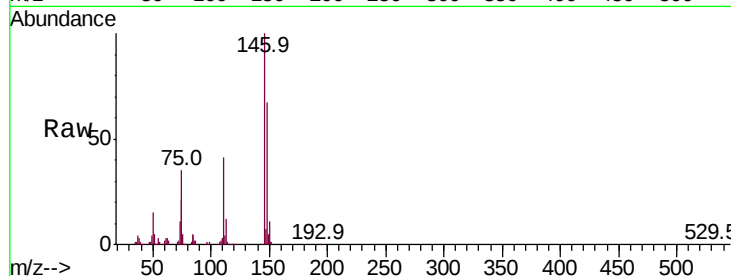
Tot Ion:146 Resp: 171098

Ion Ratio Lower Upper

146 100

148 66.6 51.8 77.8

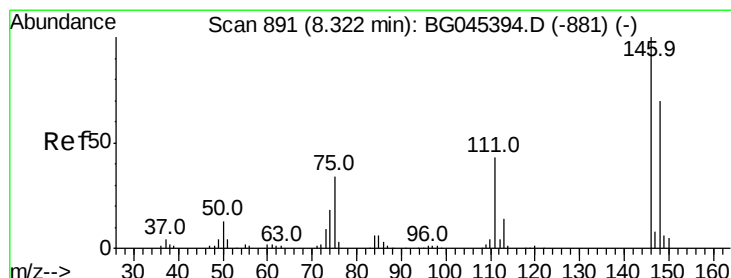
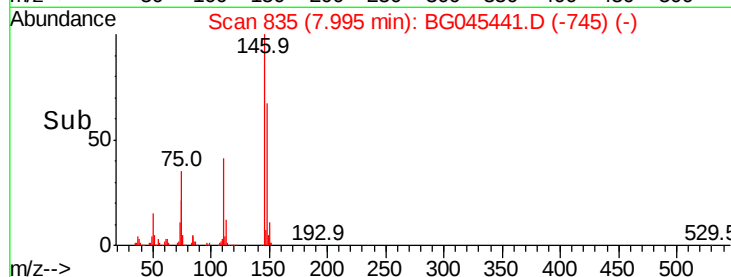
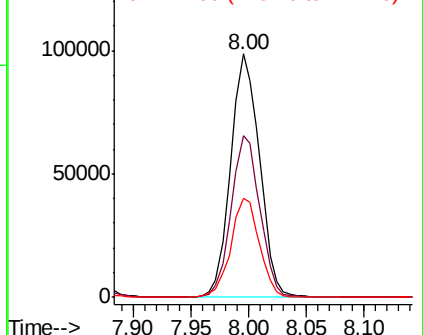
111 40.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.399 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

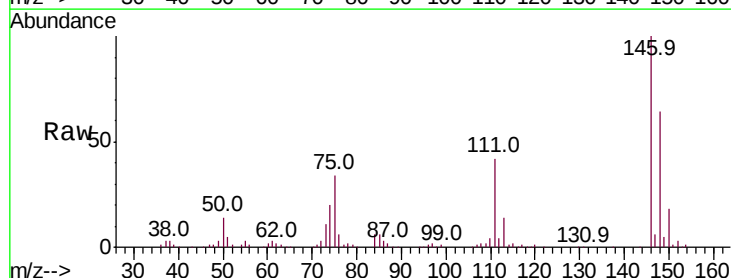
Tgt Ion:146 Resp: 159746

Ion Ratio Lower Upper

146 100

148 64.0 55.9 83.9

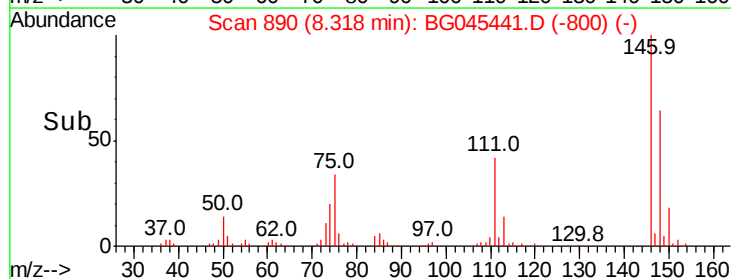
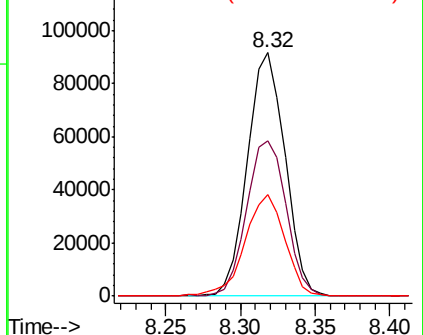
111 41.7 35.0 52.4

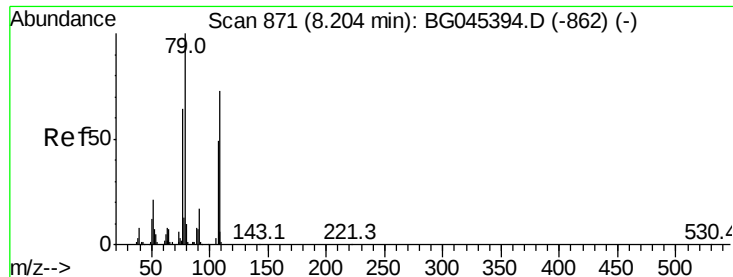


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.257 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

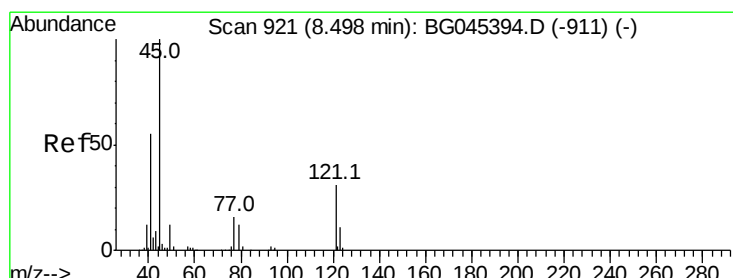
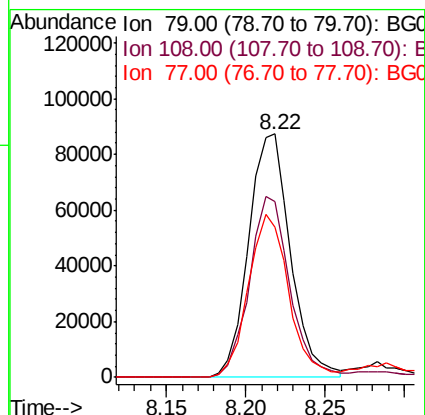
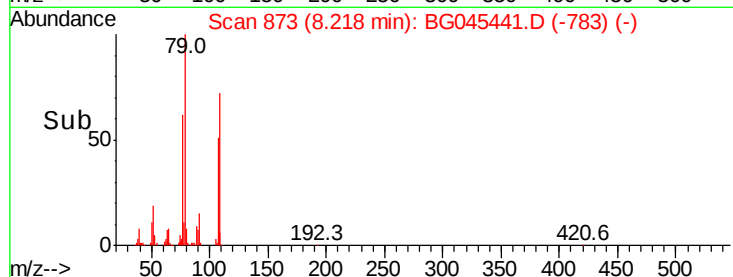
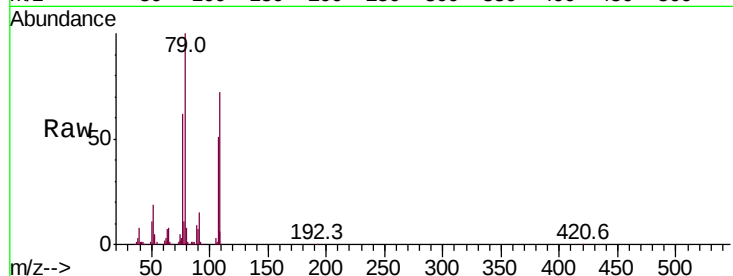
Tot Ion: 79 Resp: 160280

Ion Ratio Lower Upper

79 100

108 72.1 58.2 87.4

77 61.6 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.207 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

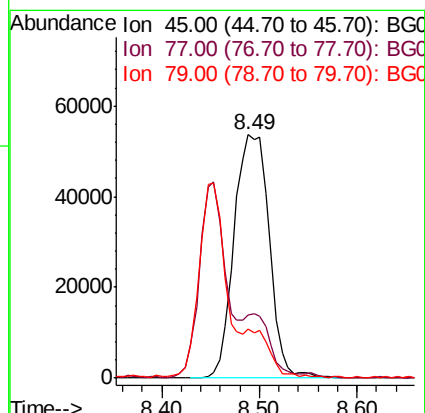
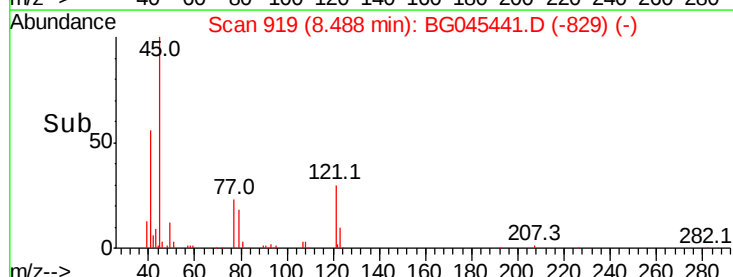
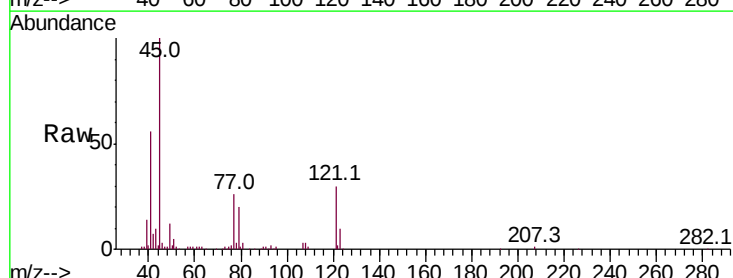
Tgt Ion: 45 Resp: 134805

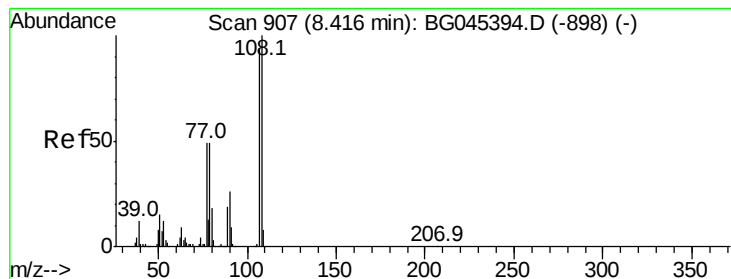
Ion Ratio Lower Upper

45 100

77 25.7 4.0 44.0

79 20.0 0.0 38.6





#17

2-Methylphenol

Concen: 44.520 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

Tot Ion:107 Resp: 147236

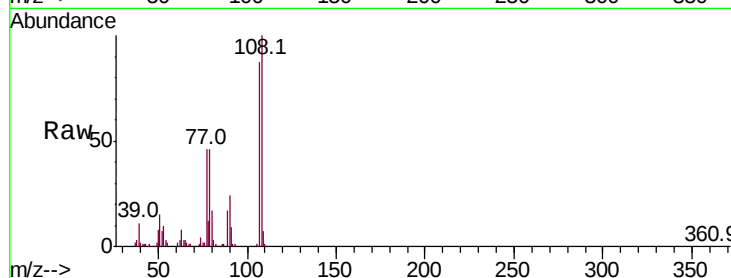
Ion Ratio Lower Upper

107 100

108 114.5 85.2 127.8

77 52.4 41.6 62.4

79 52.1 41.8 62.8



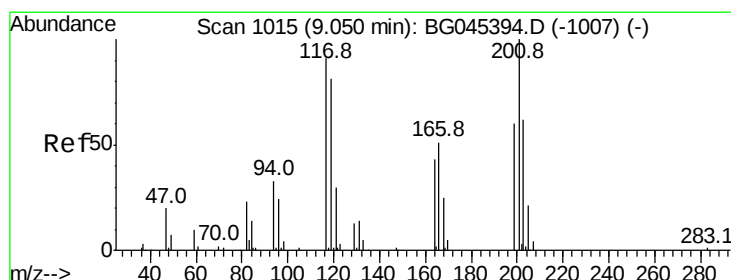
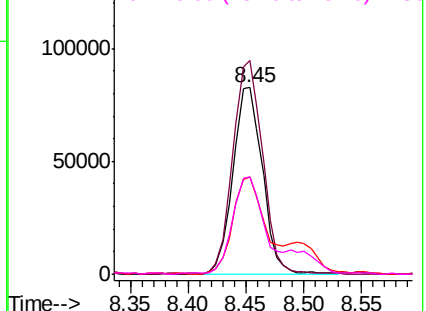
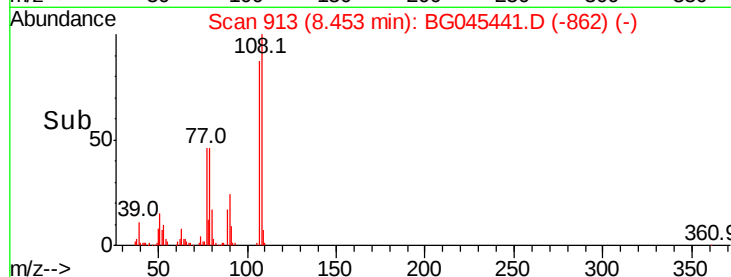
Abundance

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: 42.054 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

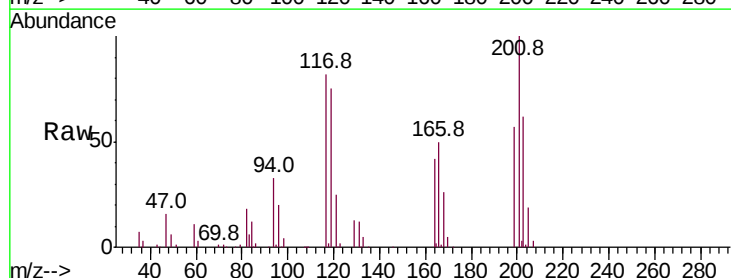
Tgt Ion:117 Resp: 63094

Ion Ratio Lower Upper

117 100

119 91.4 71.3 106.9

201 122.0 87.5 131.3

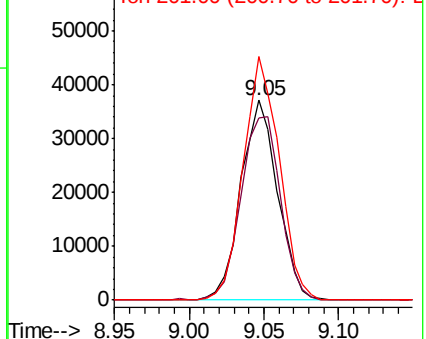
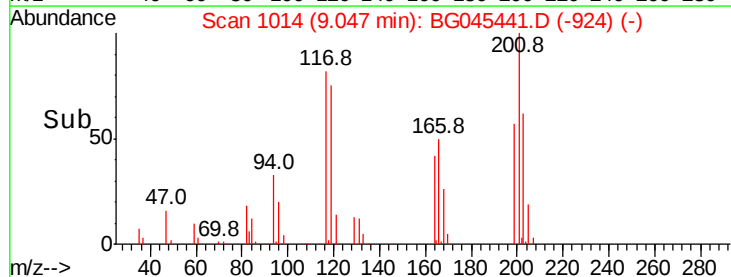


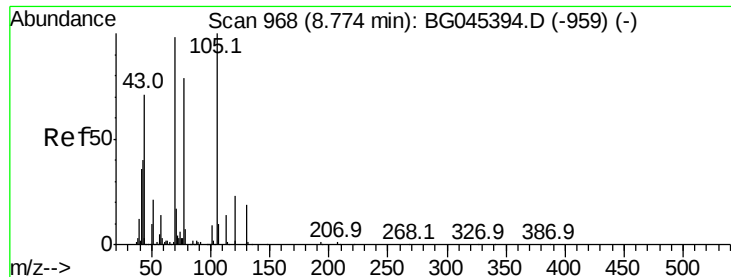
Abundance

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

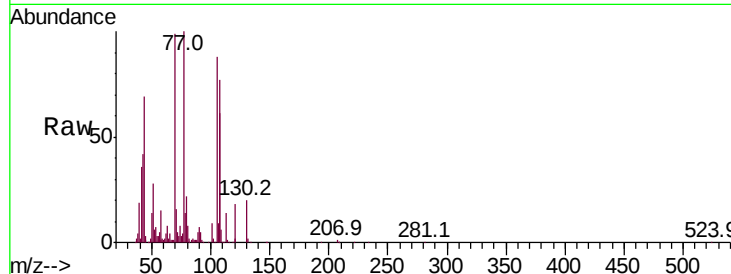




#19
n-Nitroso-di-n-propylamine
Concen: 44.121 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:	70	Resp:	130800
Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.2	49.8
101	9.5	7.8	11.6
130	19.7	15.4	23.2



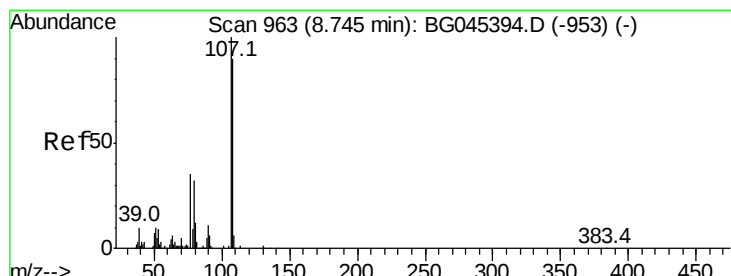
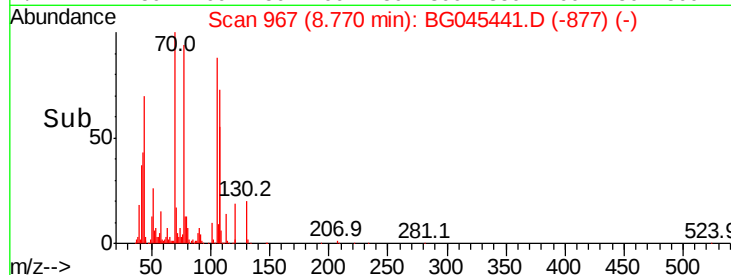
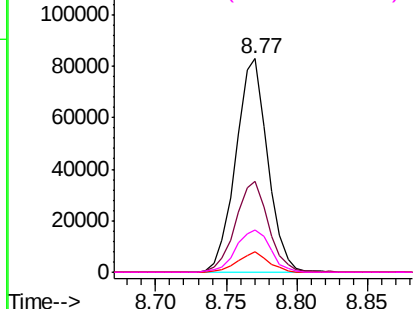
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

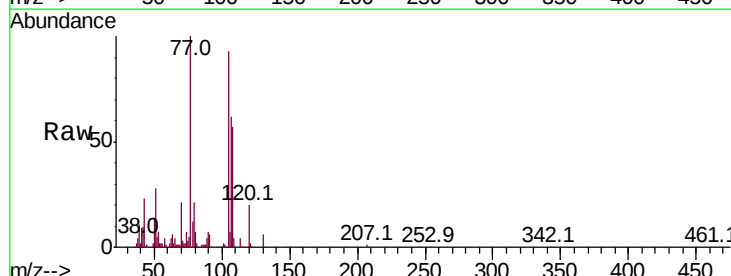
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.762 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:	107	Resp:	197080
Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.3	110.3
77	161.9	15.4	55.4#
79	34.8	12.6	52.6



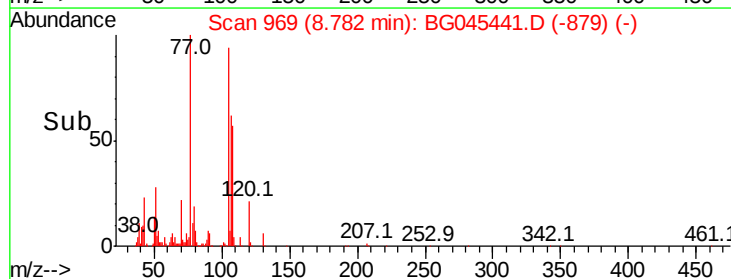
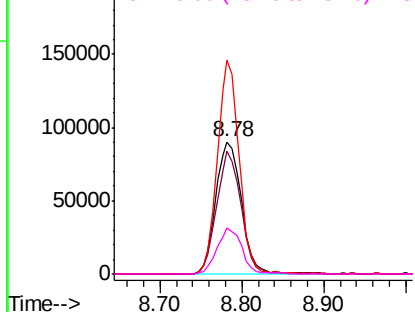
Abundance

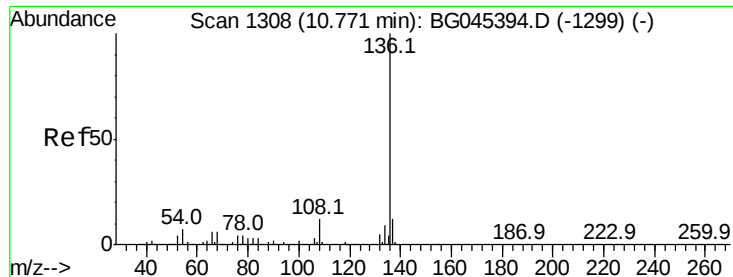
Ion 107.00 (106.70 to 107.70): BGC

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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

Tot Ion:136 Resp: 239821

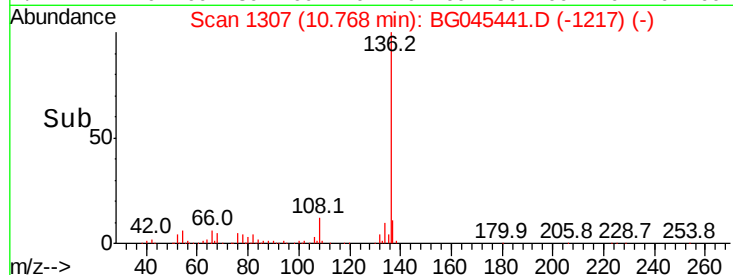
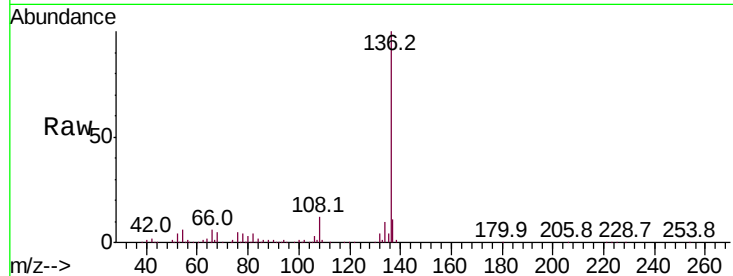
Ion Ratio Lower Upper

136 100

137 10.6 9.4 14.2

54 5.9 5.8 8.6

68 5.4 4.5 6.7



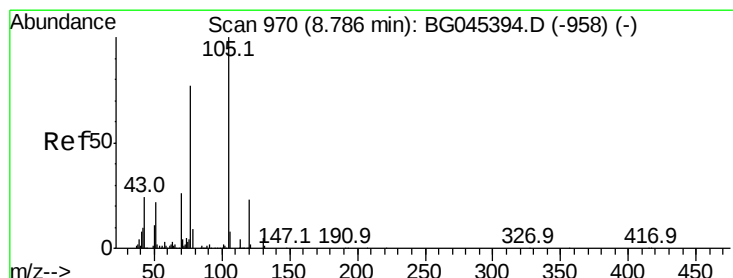
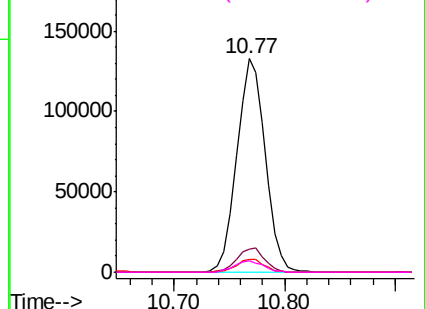
Abundance

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: 42.623 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:105 Resp: 242269

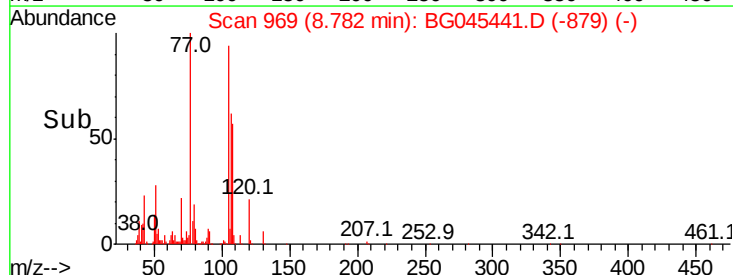
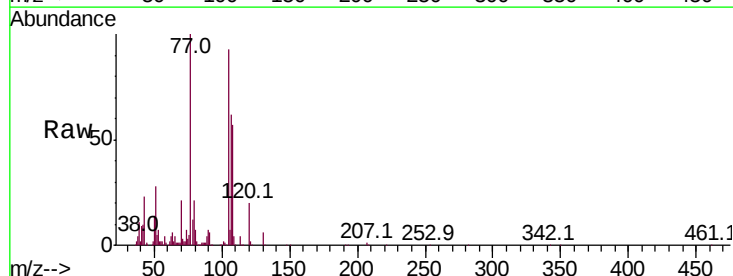
Ion Ratio Lower Upper

105 100

71 3.5 3.4 5.0

51 30.1 18.2 27.2#

120 21.9 18.6 27.8



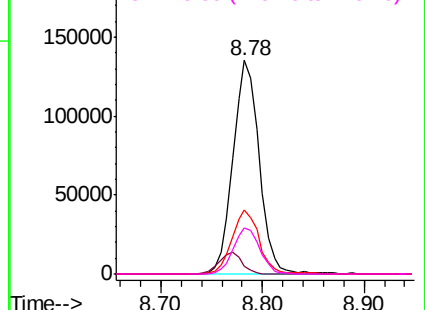
Abundance

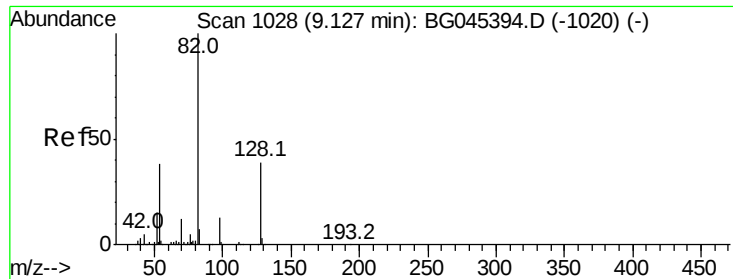
Ion 105.00 (104.70 to 105.70): E

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

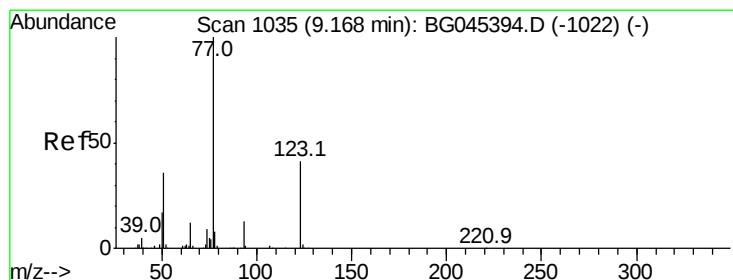
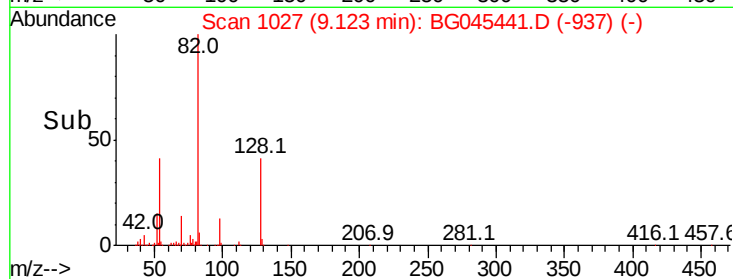
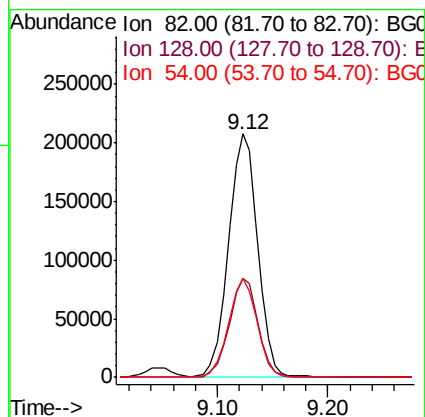
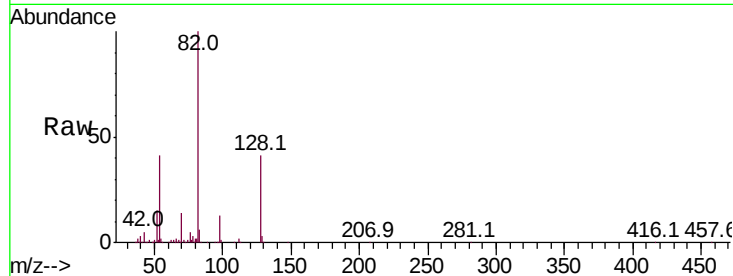




#23
Nitrobenzene-d5
Concen: 86.540 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

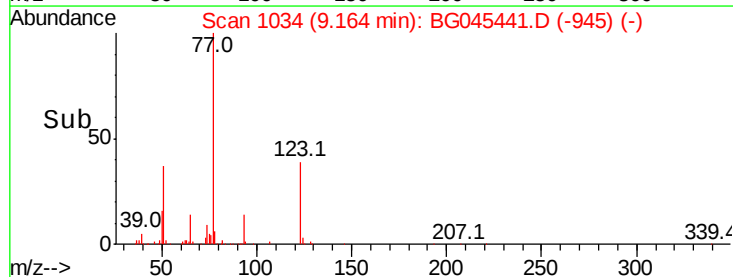
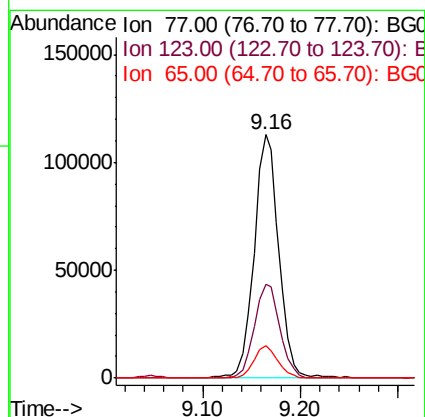
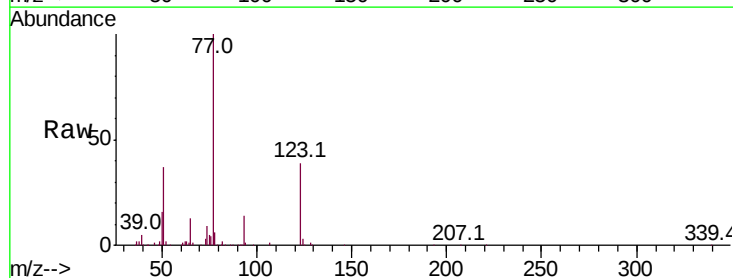
Instrument :
BNA_G
ClientSampleId :
PB129042BS

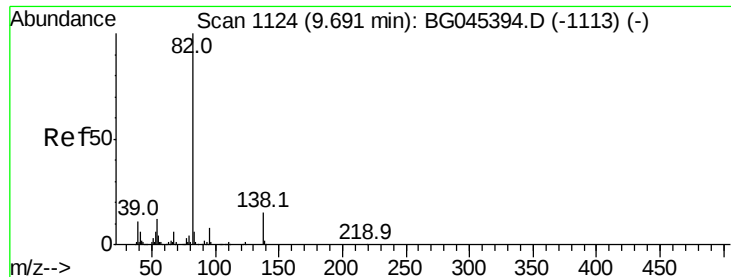
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.9	46.3
54	40.7	30.3	45.5



#24
Nitrobenzene
Concen: 42.509 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	32.9	49.3
65	13.5	9.4	14.2





#25

Isophorone

Concen: 42.721 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

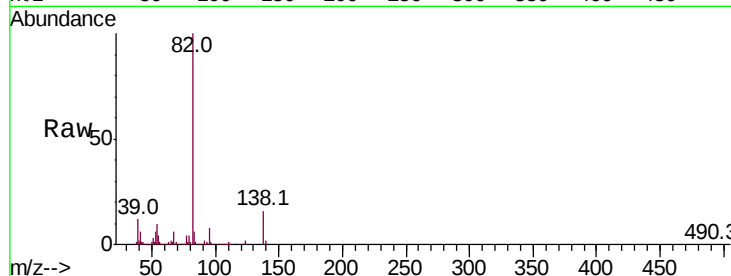
Tot Ion: 82 Resp: 370005

Ion Ratio Lower Upper

82 100

95 7.5 6.7 10.1

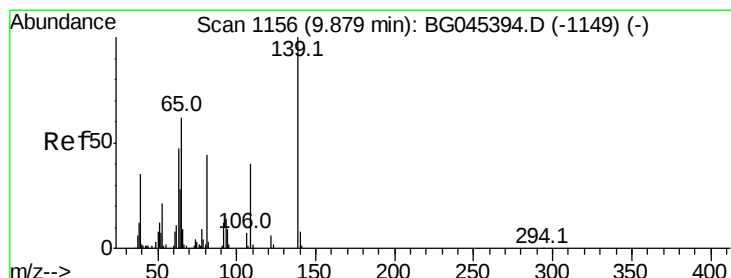
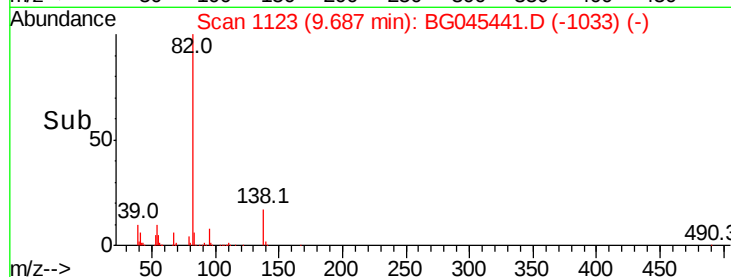
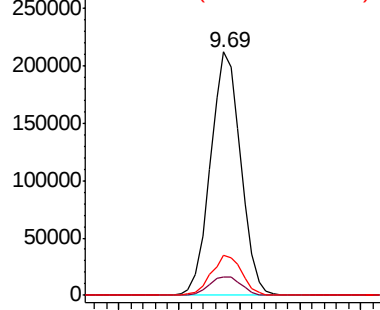
138 16.3 12.2 18.4



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: 45.394 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

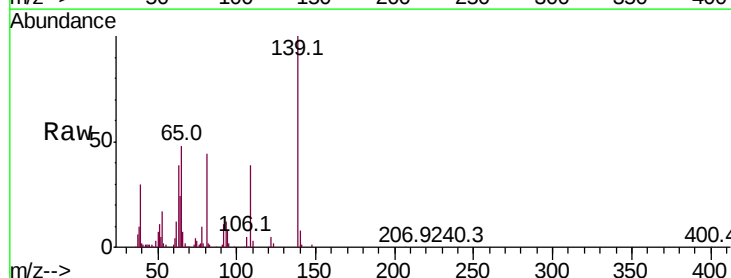
Tgt Ion: 139 Resp: 91498

Ion Ratio Lower Upper

139 100

109 38.7 32.2 48.4

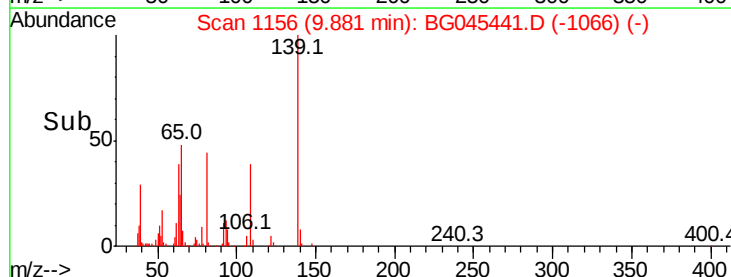
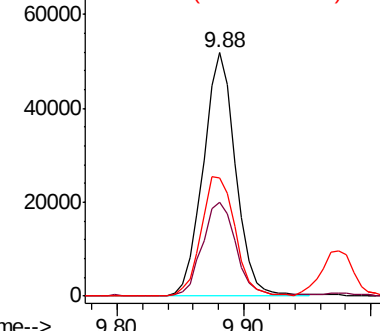
65 48.4 49.6 74.4#

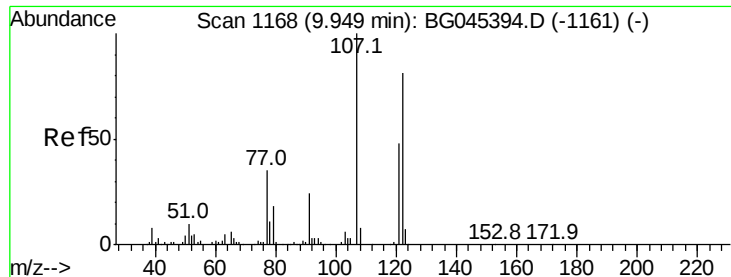


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

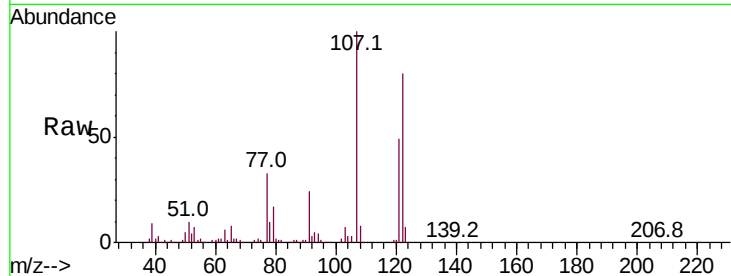




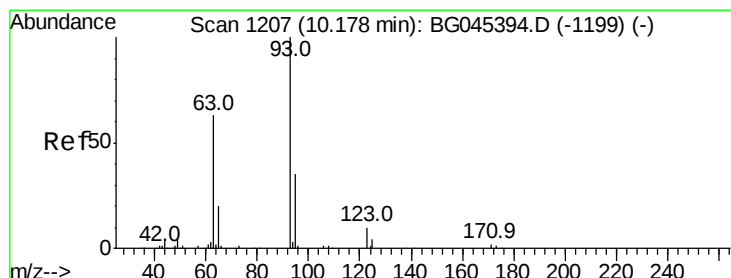
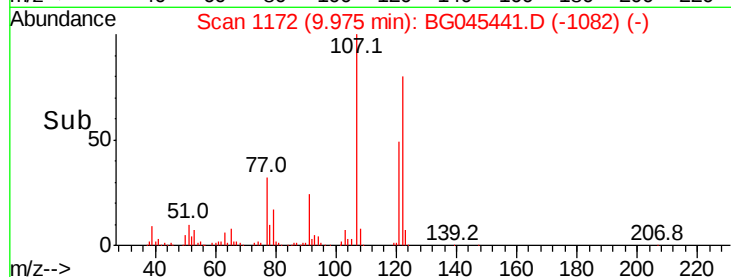
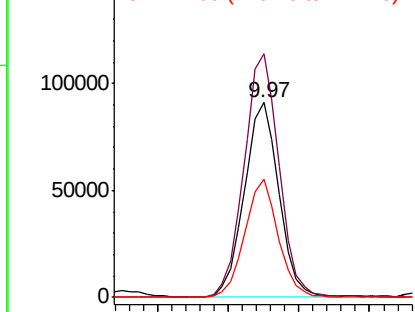
#27
2,4-Dimethylphenol
Concen: 52.372 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:122 Resp: 156567
Ion Ratio Lower Upper
122 100
107 125.0 99.0 148.4
121 60.7 47.7 71.5

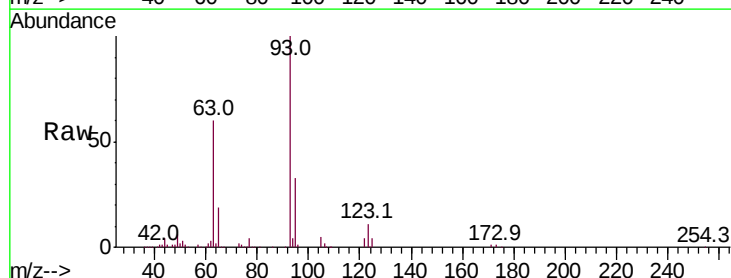


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

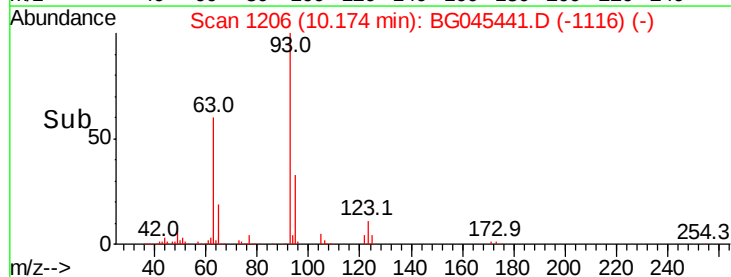
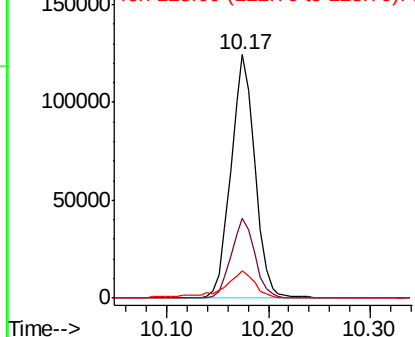


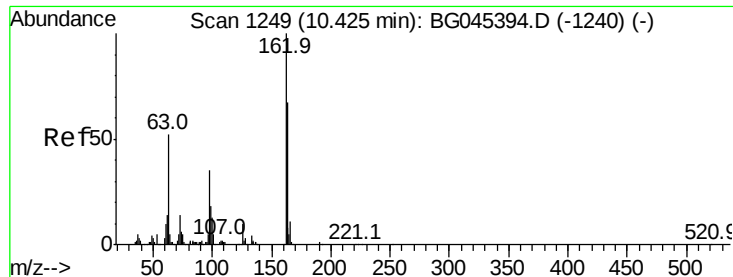
#28
bis(2-Chloroethoxy)methane
Concen: 44.973 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion: 93 Resp: 204276
Ion Ratio Lower Upper
93 100
95 32.7 27.6 41.4
123 11.2 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.056 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

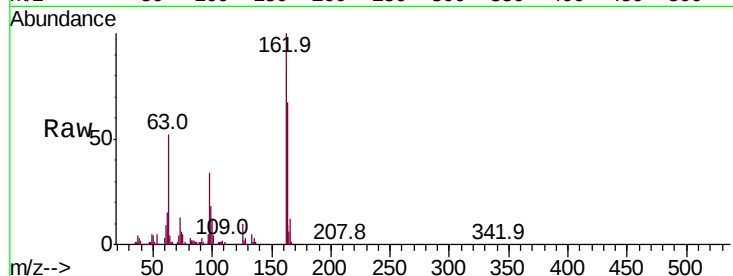
Tot Ion:162 Resp: 169650

Ion Ratio Lower Upper

162 100

164 67.3 46.8 86.8

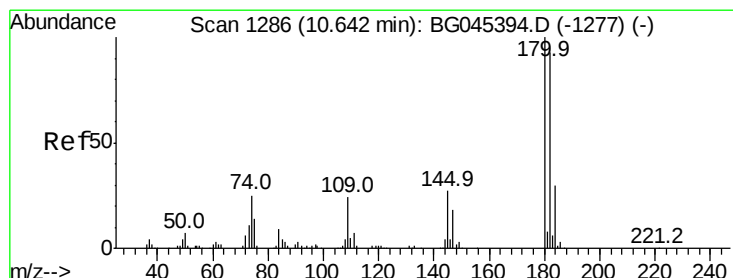
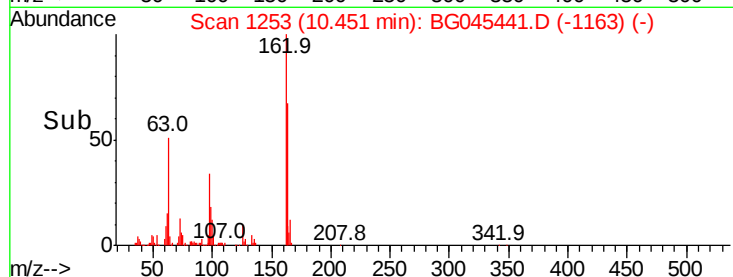
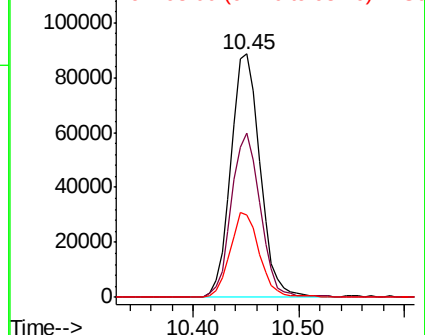
98 34.0 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 44.145 ng

RT: 10.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

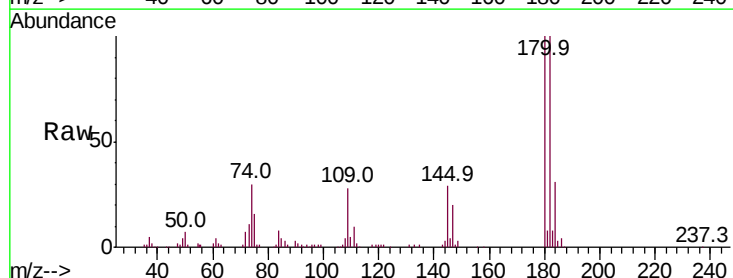
Tgt Ion:180 Resp: 184150

Ion Ratio Lower Upper

180 100

182 100.2 74.8 112.2

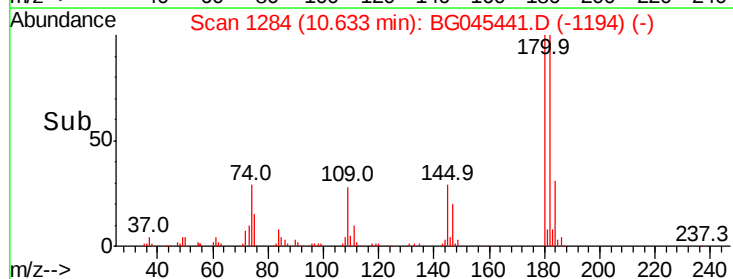
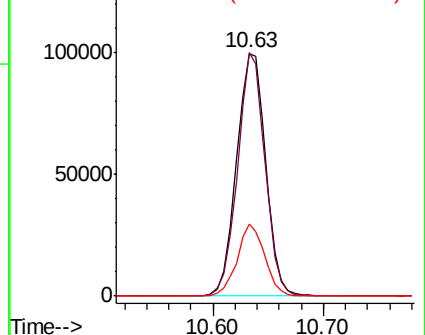
145 29.4 21.9 32.9

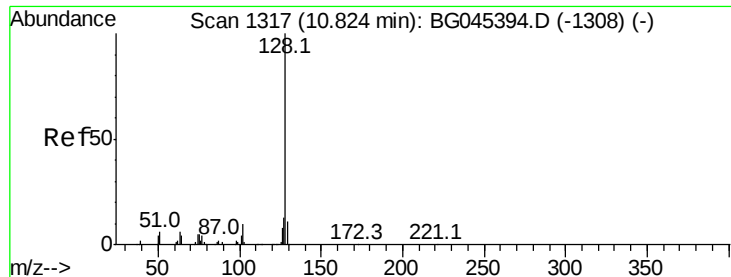


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

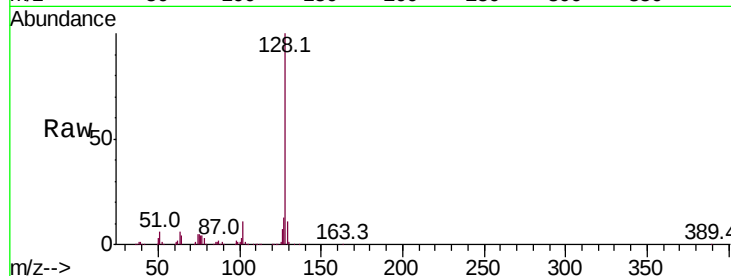




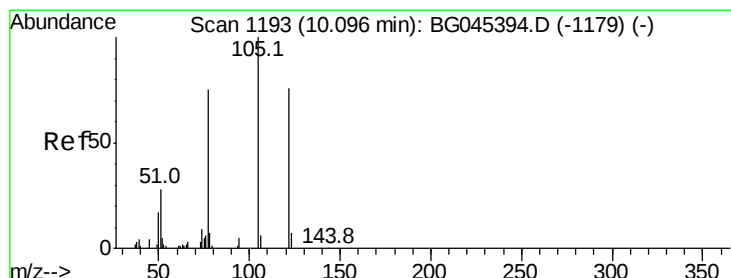
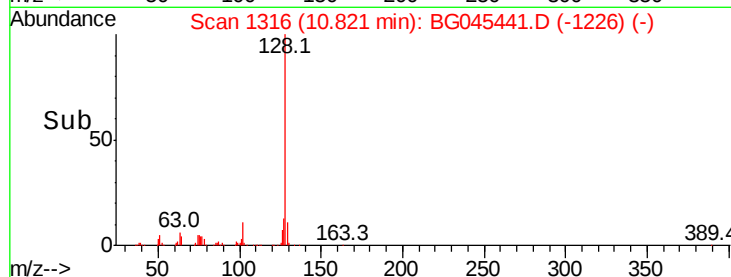
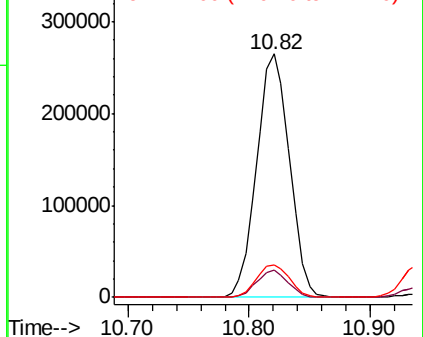
#31
Naphthalene
Concen: 44.506 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:128 Resp: 497382
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.7 16.1

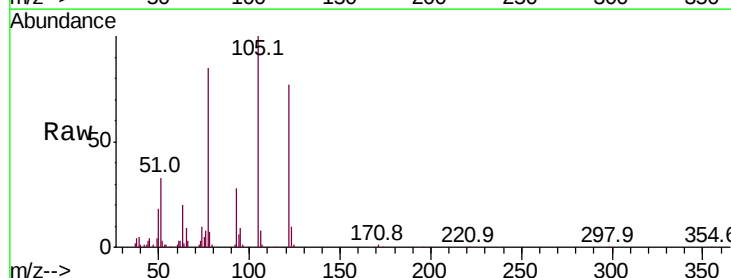


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

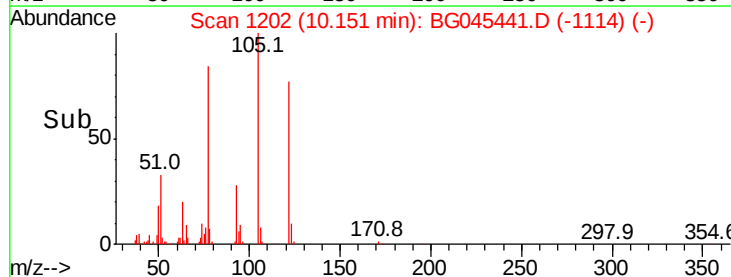
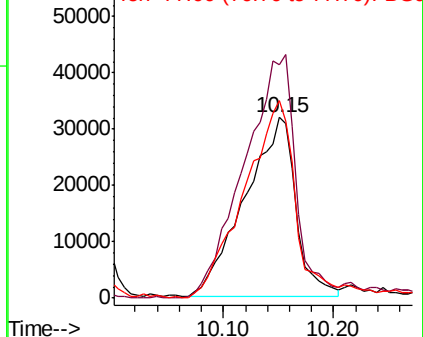


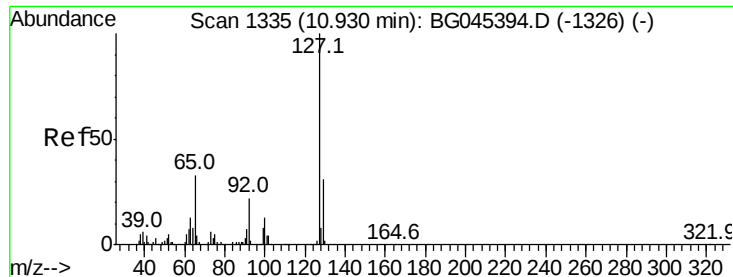
#32
Benzoic acid
Concen: 50.109 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:122 Resp: 103015
Ion Ratio Lower Upper
122 100
105 129.1 107.9 147.9
77 109.2 78.9 118.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

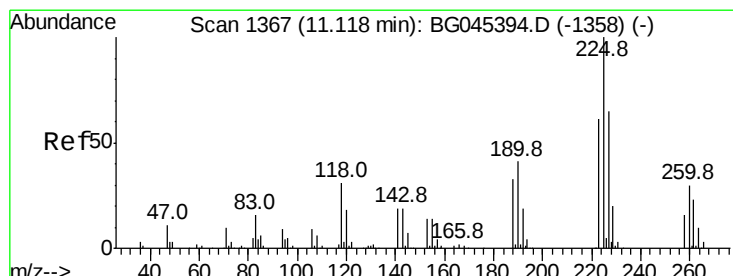
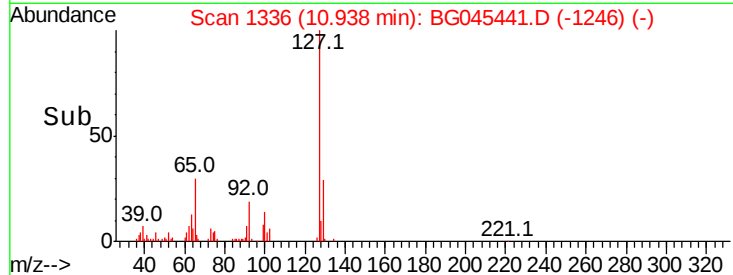
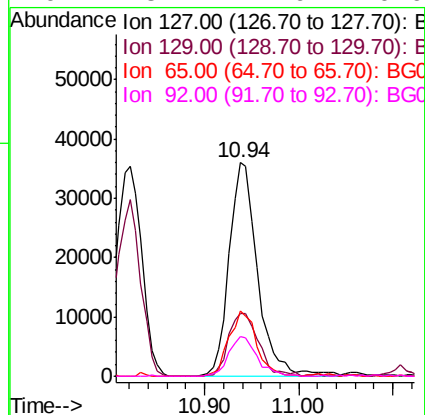
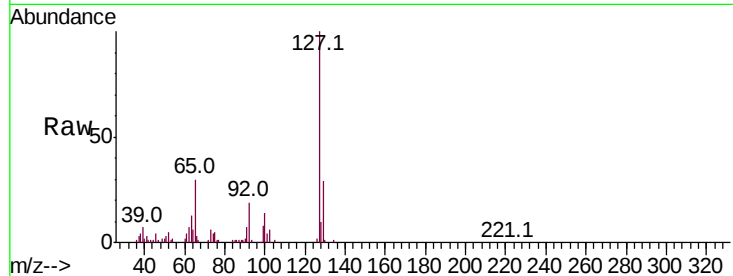




#33
4-Chloroaniline
Concen: 16.205 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

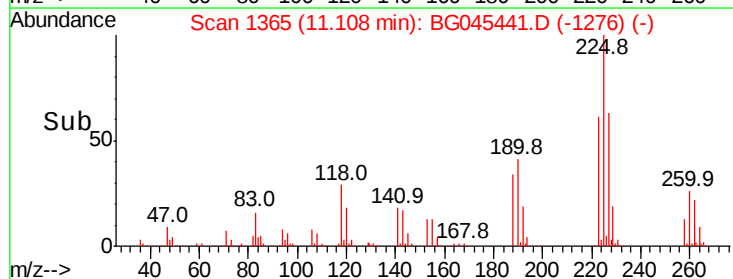
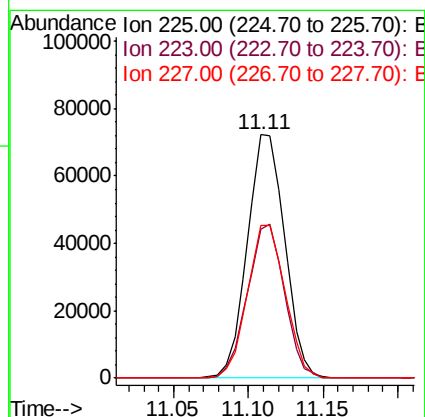
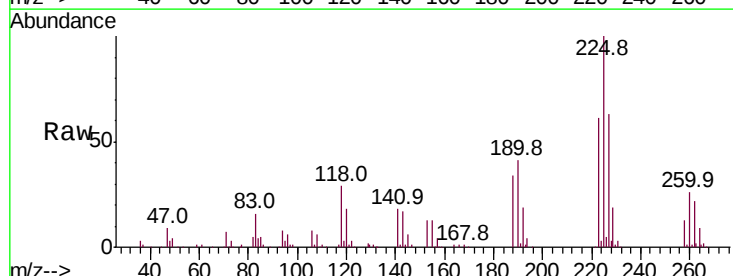
Instrument :
BNA_G
ClientSampled :
PB129042BS

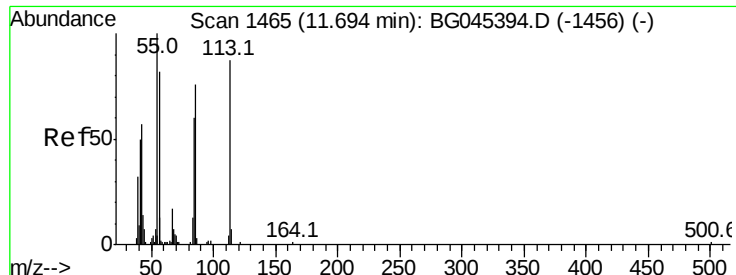
Tot Ion:	127	Resp:	75700
Ion	Ratio	Lower	Upper
127	100		
129	29.4	24.7	37.1
65	30.3	26.2	39.2
92	18.7	17.9	26.9



#34
Hexachlorobutadiene
Concen: 42.472 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:	225	Resp:	125239
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.1	73.7
227	63.0	52.0	78.0





#35

Caprolactam

Concen: 26.106 ng

RT: 11.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

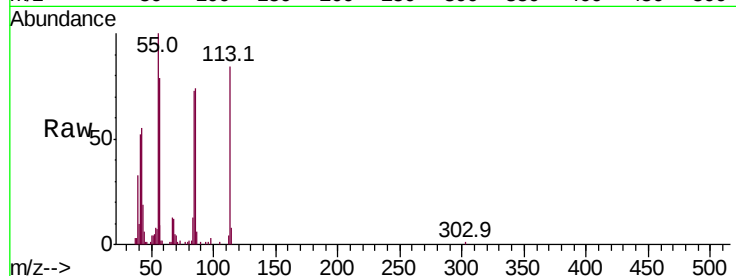
Tot Ion:113 Resp: 33828

Ion Ratio Lower Upper

113 100

55 118.8 96.0 136.0

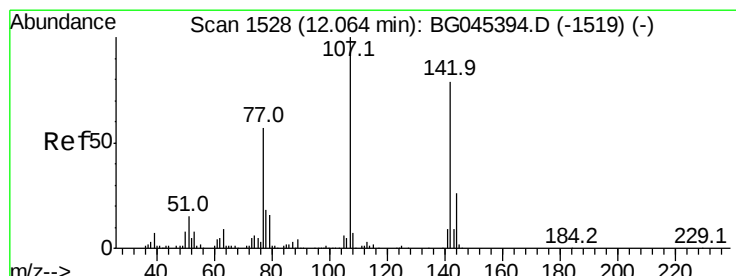
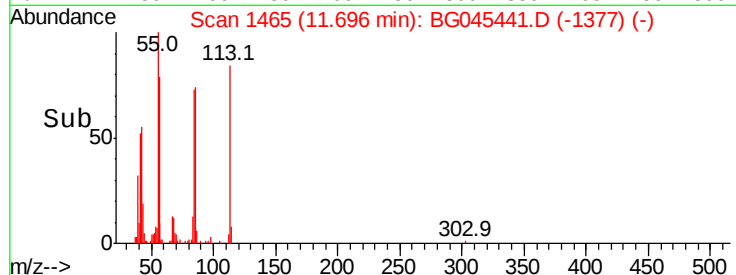
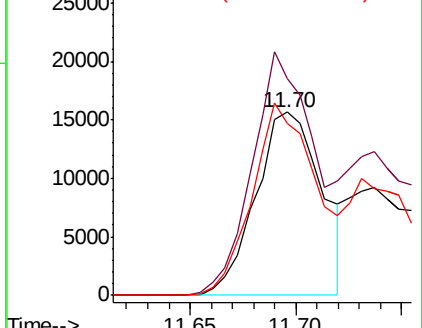
56 94.2 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.861 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

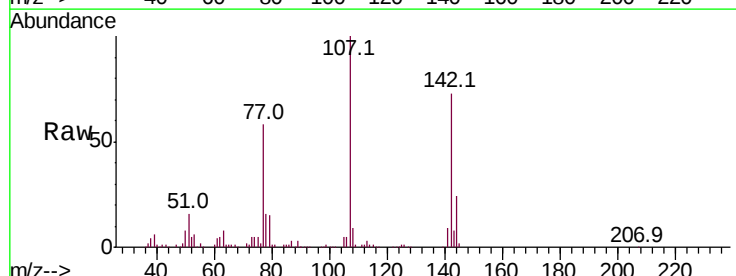
Tgt Ion:107 Resp: 198350

Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

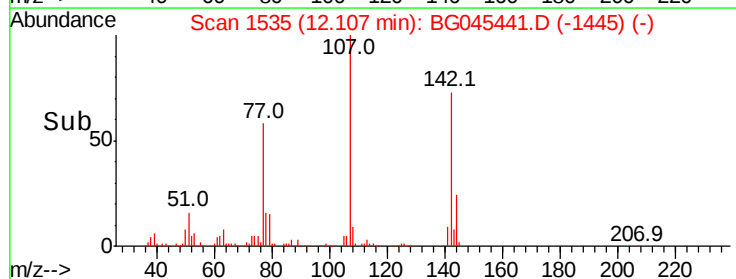
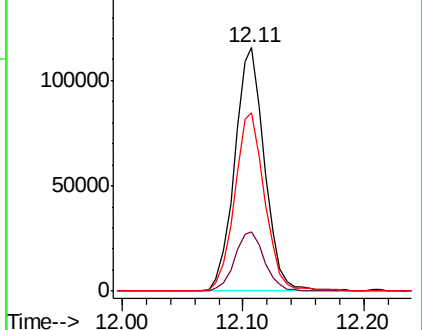
142 73.0 62.8 94.2

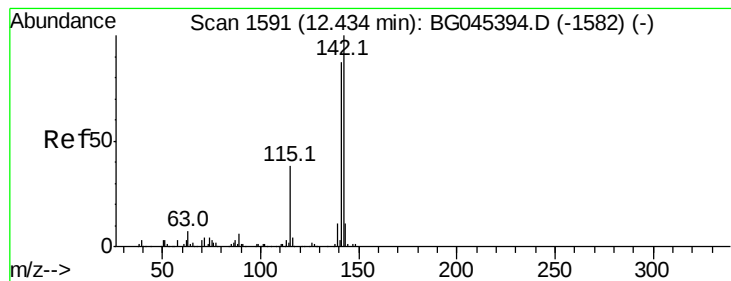


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.821 ng

RT: 12.43 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

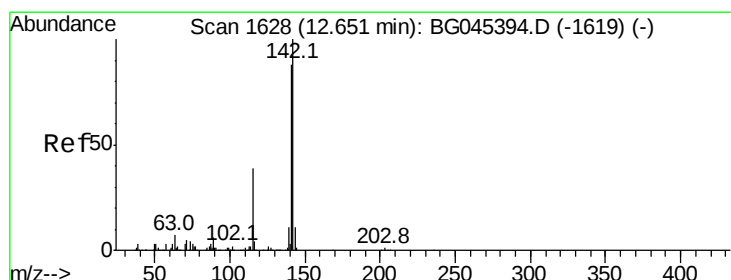
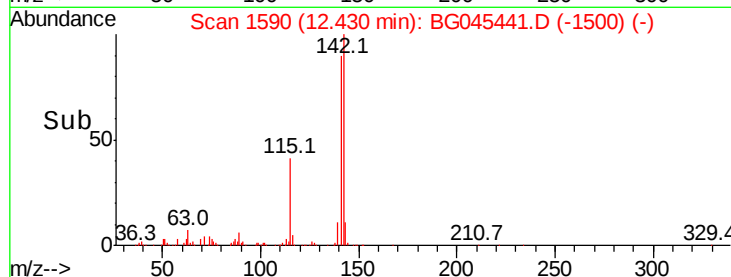
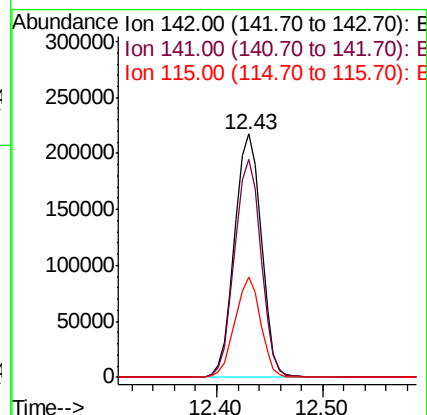
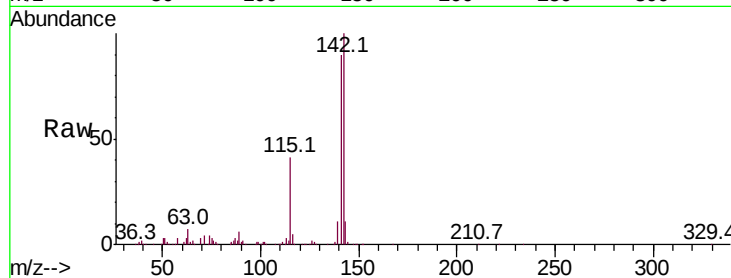
Tot Ion:142 Resp: 381668

Ion Ratio Lower Upper

142 100

141 89.5 70.0 105.0

115 41.0 30.8 46.2



#38

1-Methylnaphthalene

Concen: 46.009 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

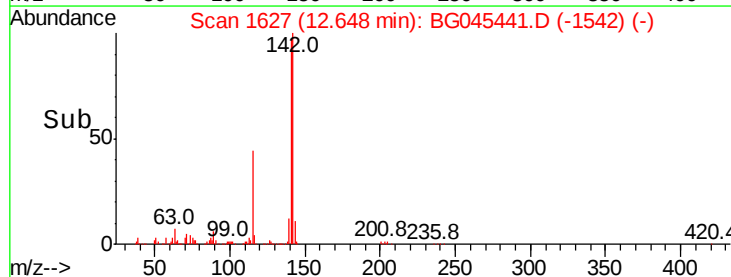
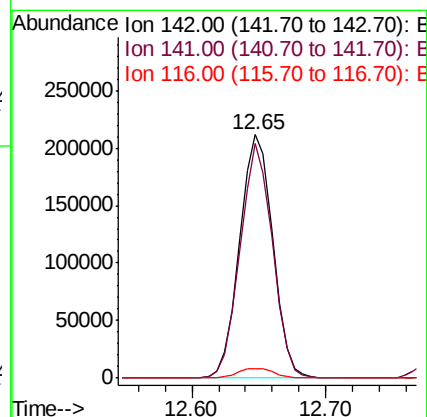
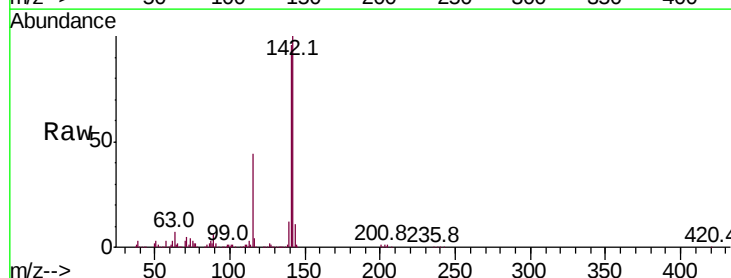
Tgt Ion:142 Resp: 362010

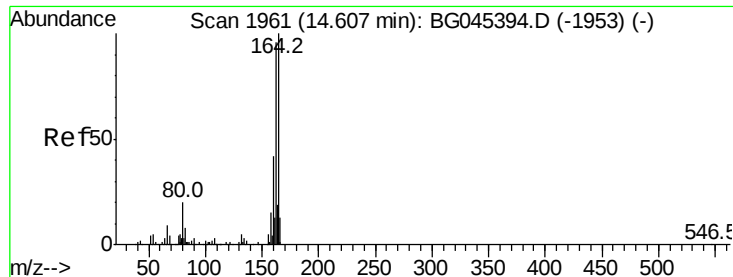
Ion Ratio Lower Upper

142 100

141 96.4 70.8 106.2

116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

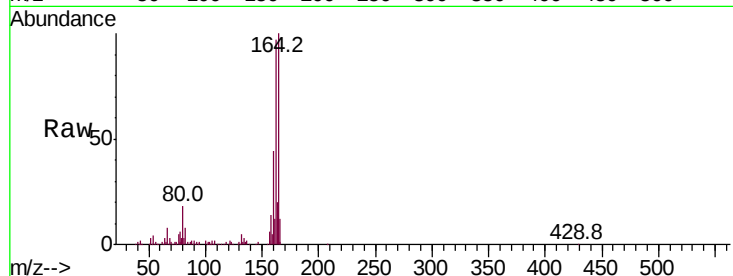
Tot Ion:164 Resp: 182316

Ion Ratio Lower Upper

164 100

162 97.3 76.9 115.3

160 44.4 33.8 50.8

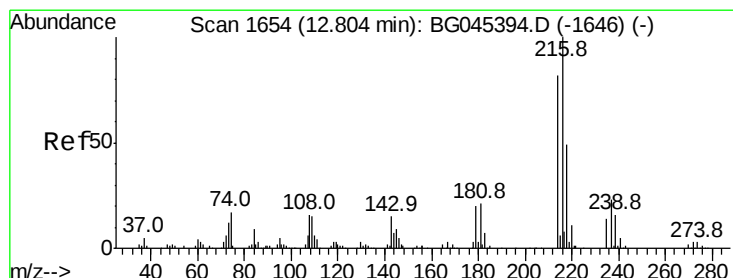
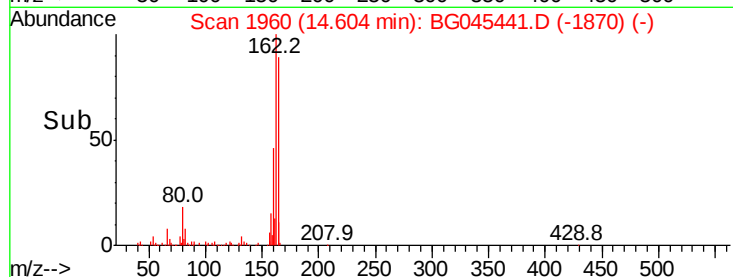
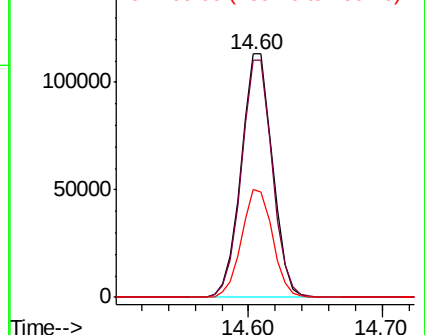


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.423 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:216 Resp: 216032

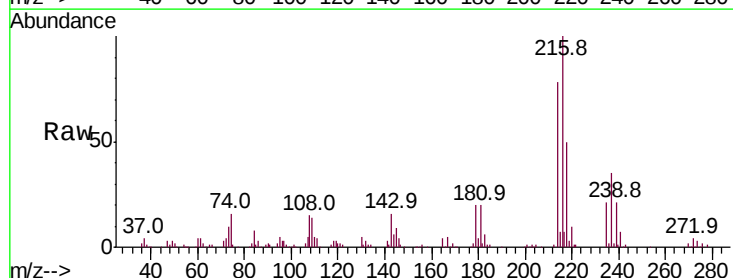
Ion Ratio Lower Upper

216 100

214 77.5 63.7 95.5

179 19.7 16.1 24.1

108 20.0 13.8 20.6



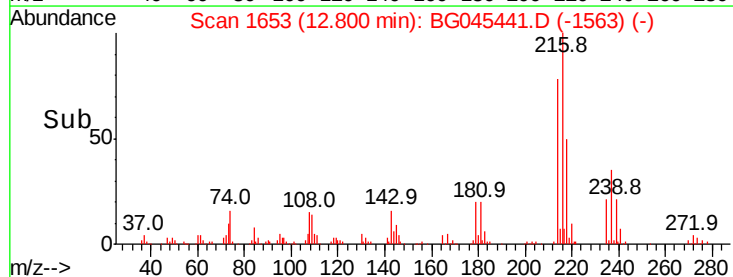
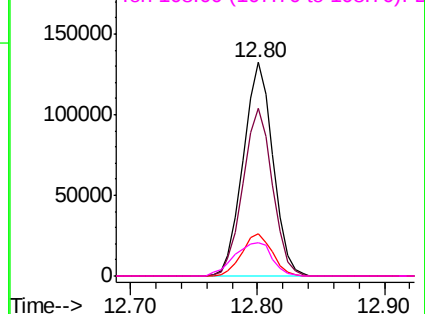
Abundance

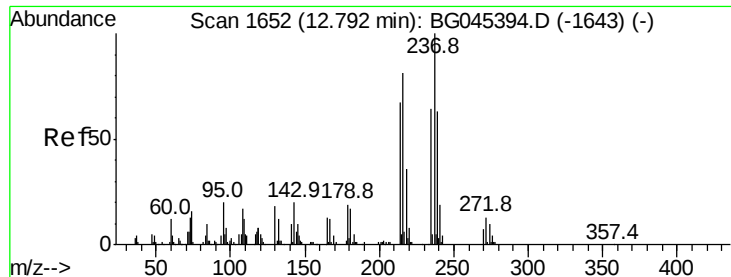
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.447 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

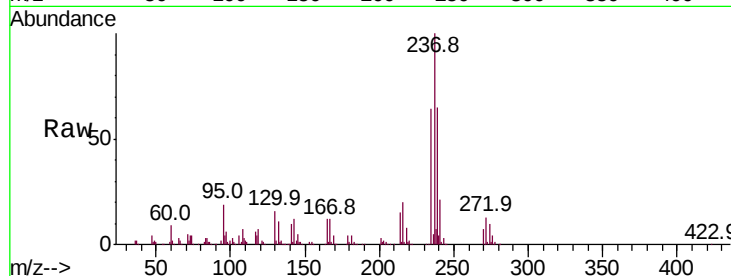
Tot Ion:237 Resp: 286418

Ion Ratio Lower Upper

237 100

235 64.3 44.4 84.4

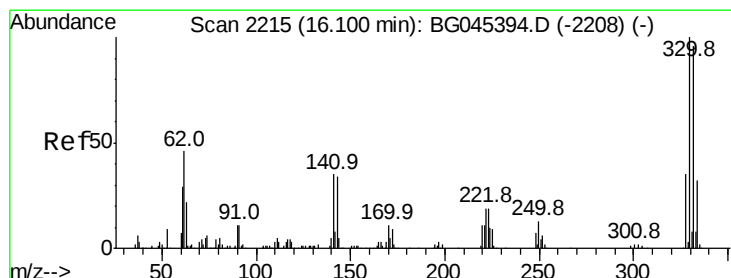
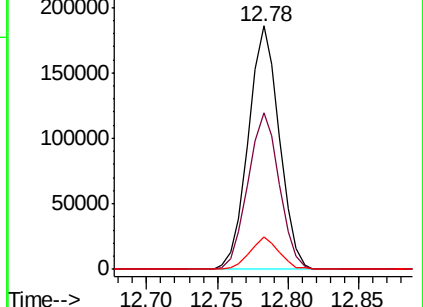
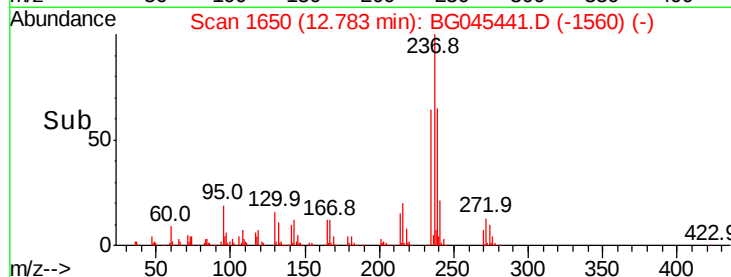
272 13.2 0.0 32.5



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: 137.716 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

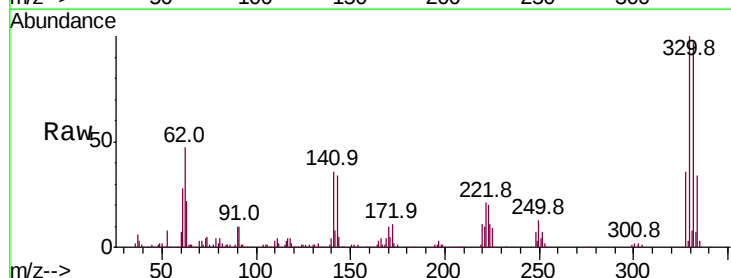
Tgt Ion:330 Resp: 321101

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

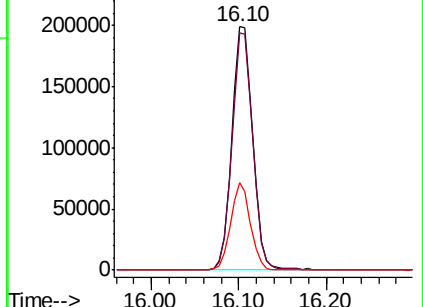
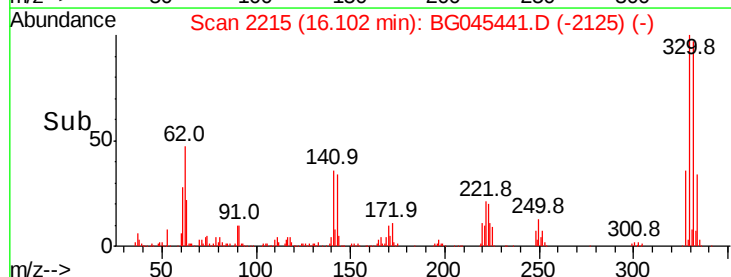
141 34.1 28.2 42.4

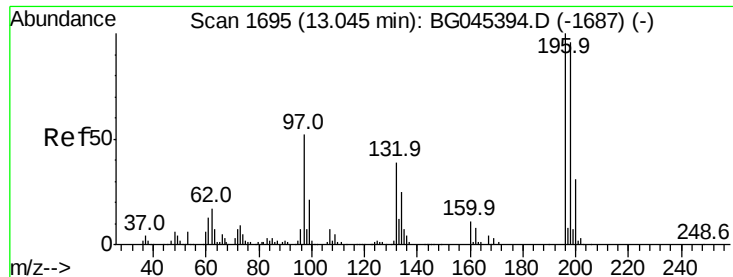


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.780 ng

RT: 13.05 min Scan# 1696

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

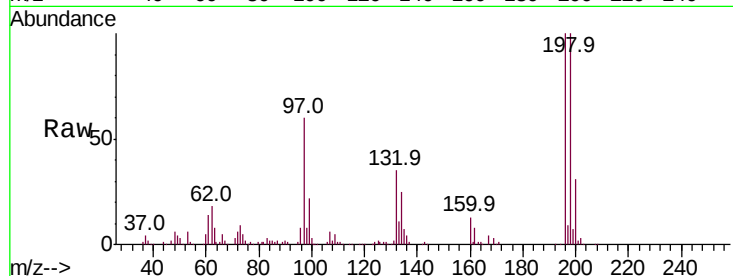
Tot Ion:196 Resp: 154871

Ion Ratio Lower Upper

196 100

198 99.6 76.7 115.1

200 31.5 24.9 37.3

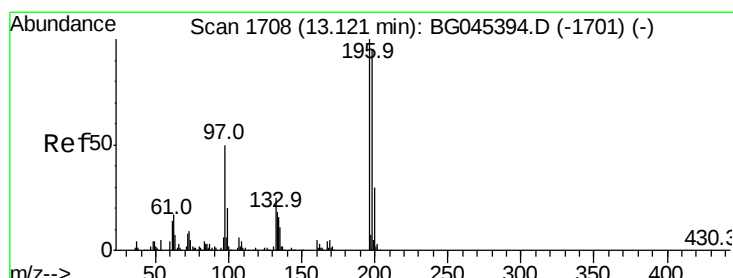
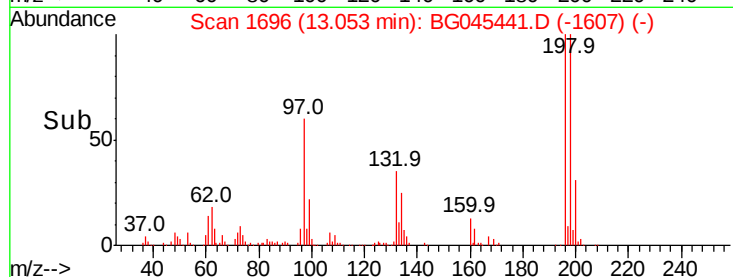
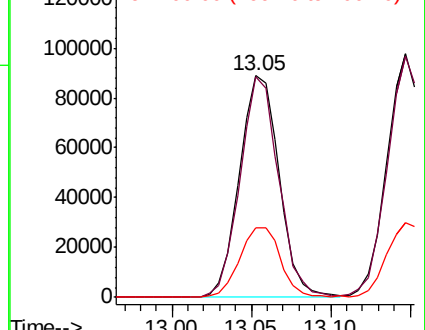


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.374 ng

RT: 13.15 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:196 Resp: 167252

Ion Ratio Lower Upper

196 100

198 99.0 76.1 114.1

97 48.8 40.0 60.0

132 22.5 20.2 30.2

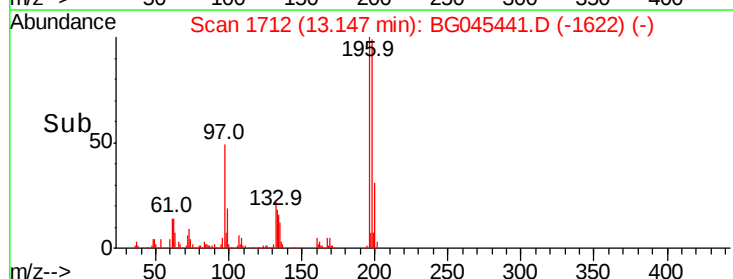
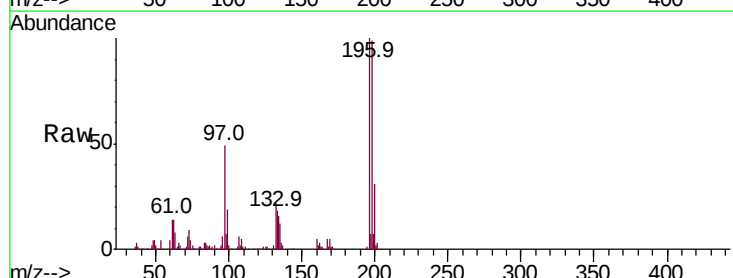
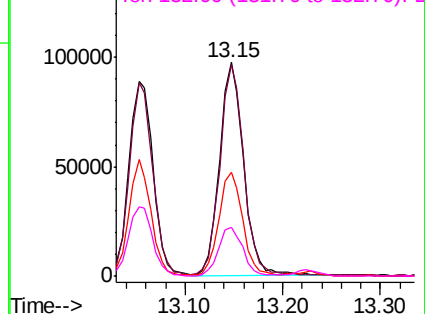
Abundance

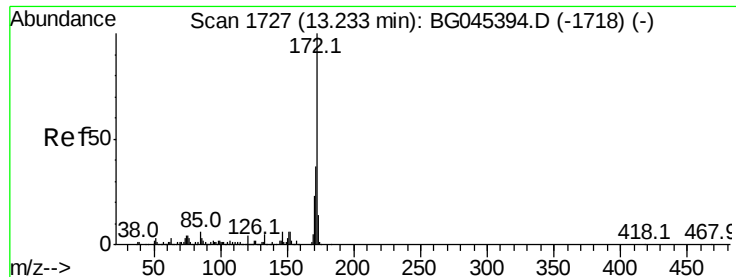
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

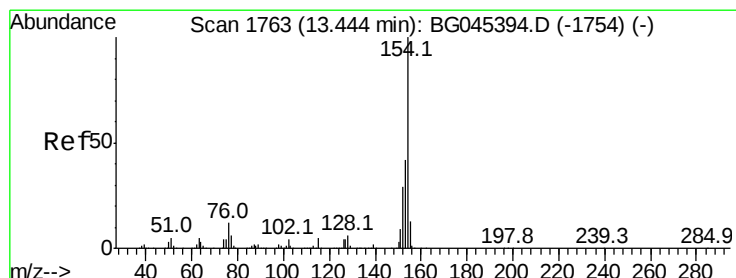
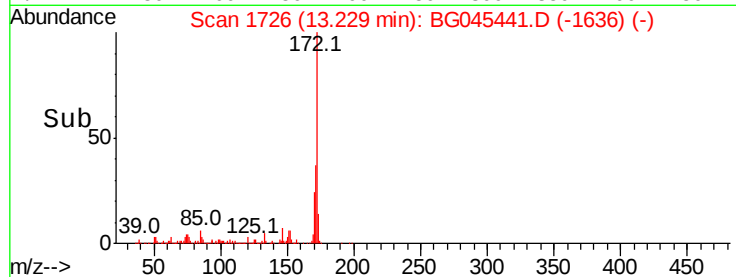
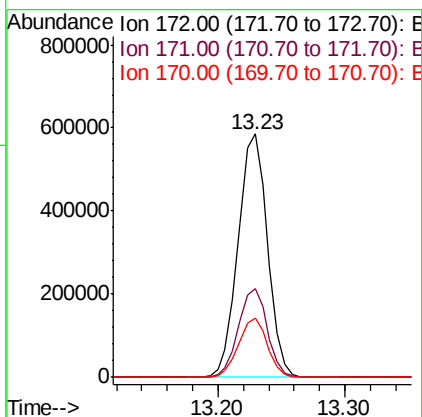
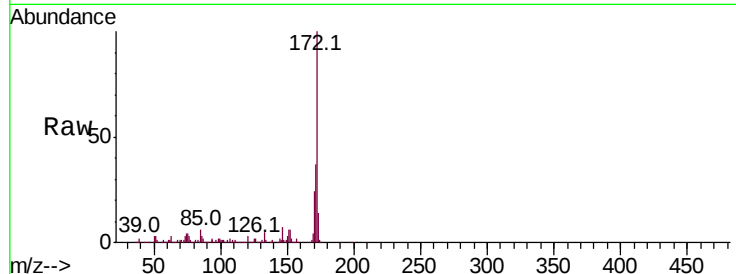




#45
2-Fluorobiphenyl
Concen: 87.268 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

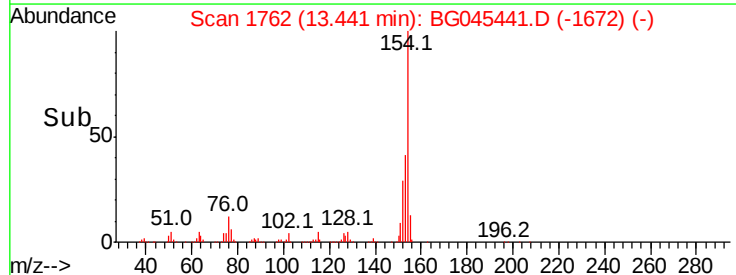
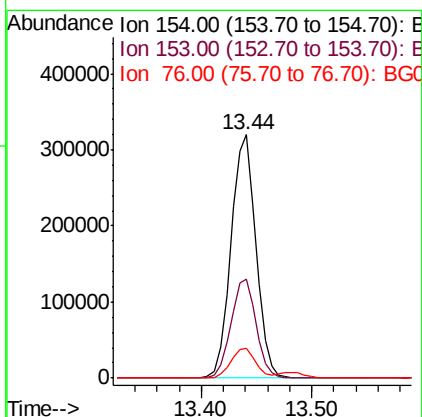
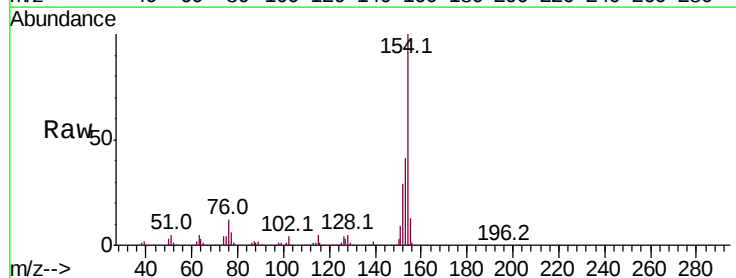
Instrument :
BNA_G
ClientSampleId :
PB129042BS

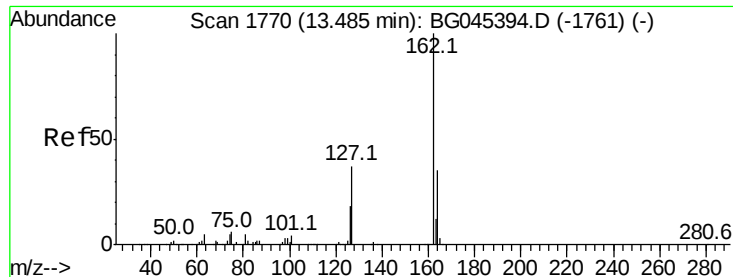
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.3	18.5	27.7



#46
1,1'-Biphenyl
Concen: 45.082 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	22.2	62.2
76	12.4	0.0	32.4





#47

2-Chloronaphthalene

Concen: 42.450 ng

RT: 13.48 min Scan# 1769

Delta R.T. 0.00 min

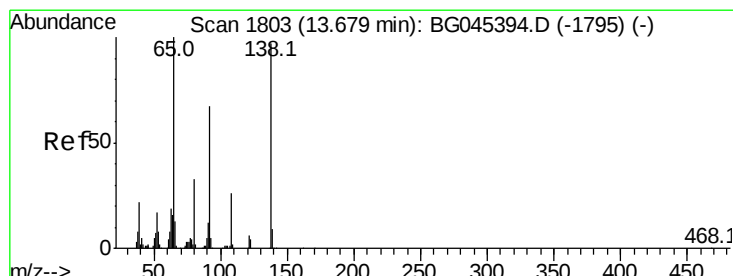
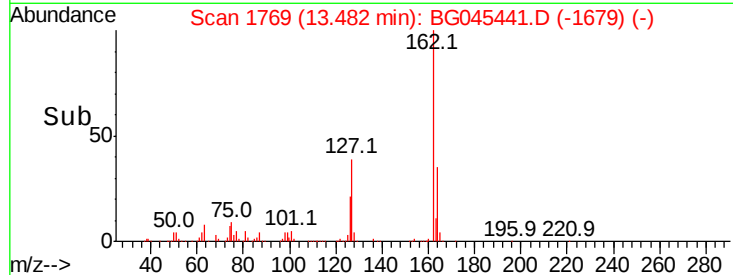
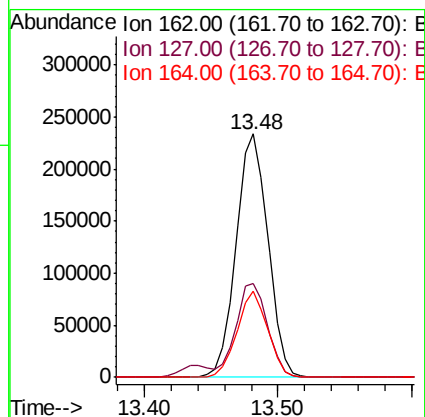
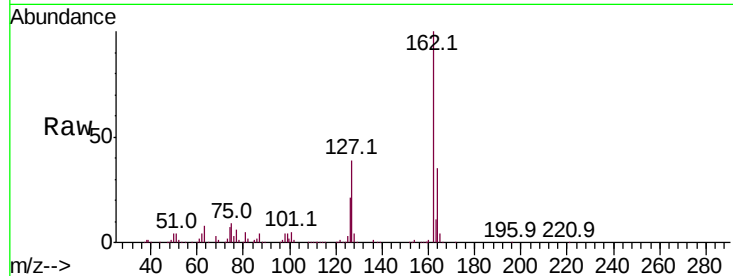
Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:162 Resp: 386161

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	35.5	28.1	42.1



#48

2-Nitroaniline

Concen: 41.230 ng

RT: 13.69 min Scan# 1805

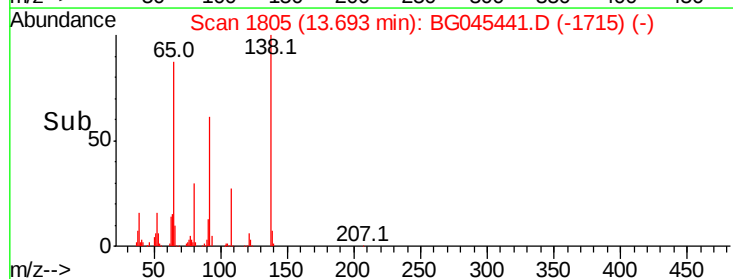
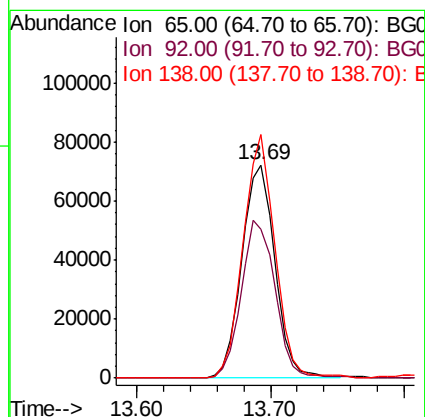
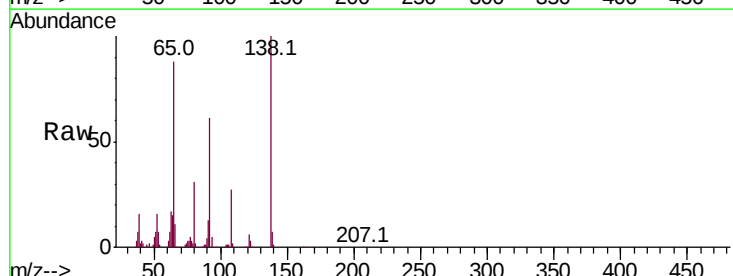
Delta R.T. 0.00 min

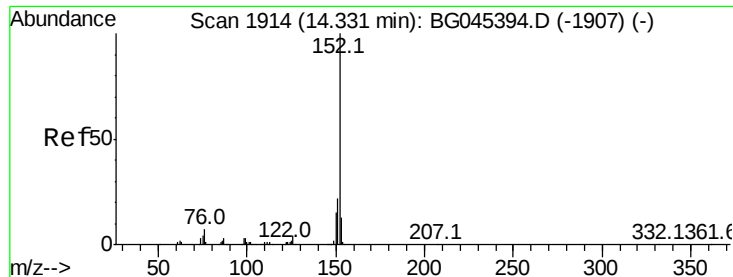
Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion: 65 Resp: 123374

Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.8	80.8
138	114.2	77.9	116.9





#49

Acenaphthylene

Concen: 44.909 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

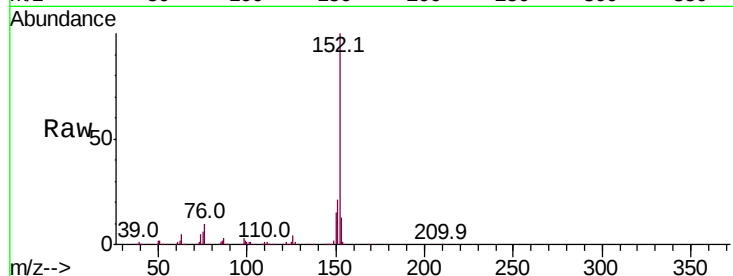
Tot Ion:152 Resp: 656208

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

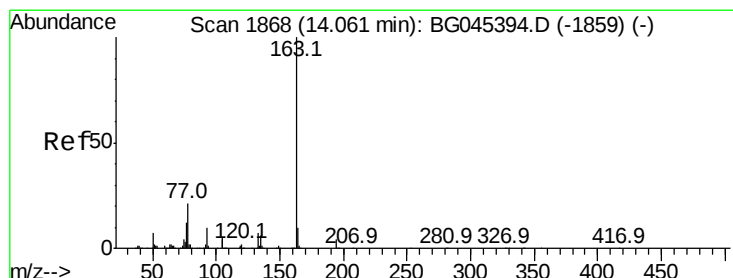
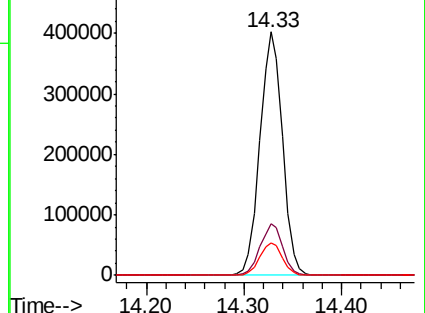
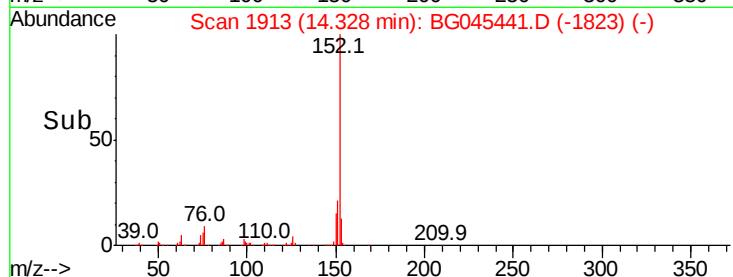
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.640 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

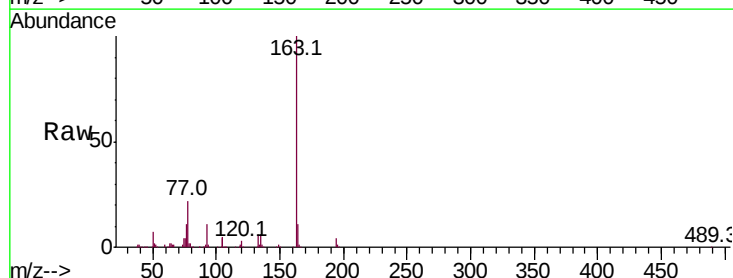
Tgt Ion:163 Resp: 545796

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

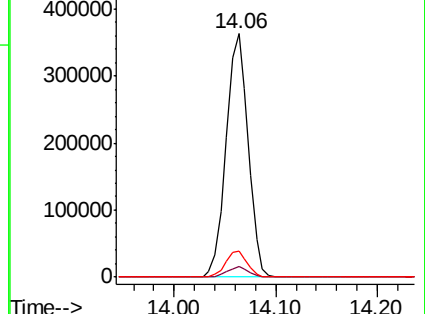
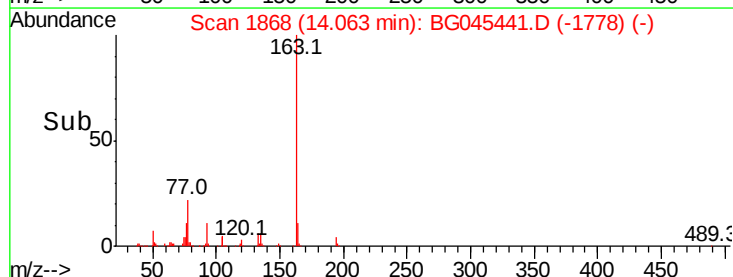
164 10.7 8.3 12.5

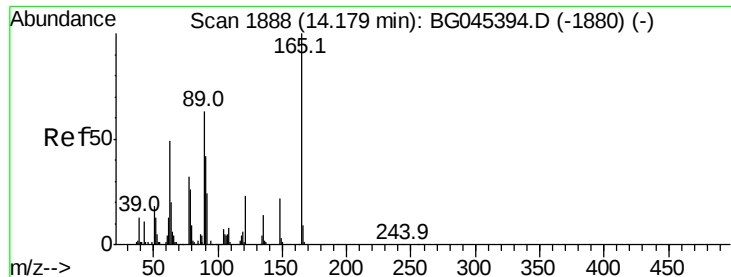


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

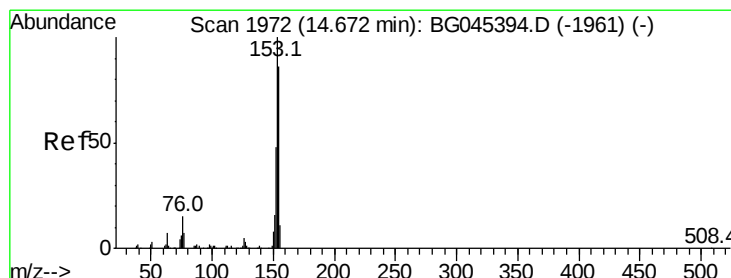
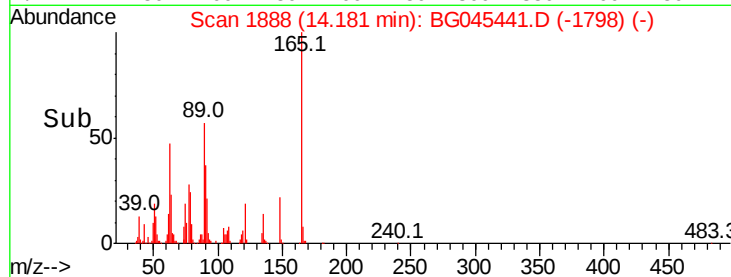
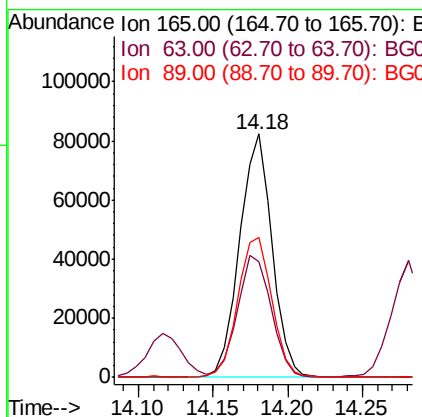
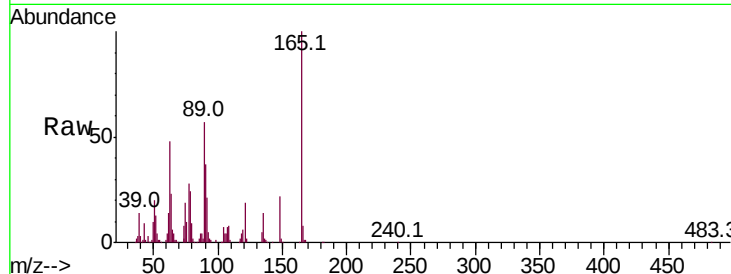




#51
 2,6-Dinitrotoluene
 Concen: 43.902 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

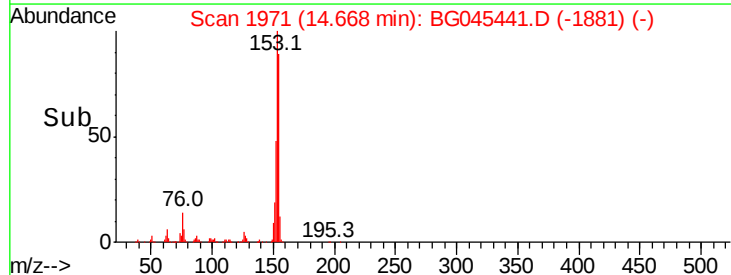
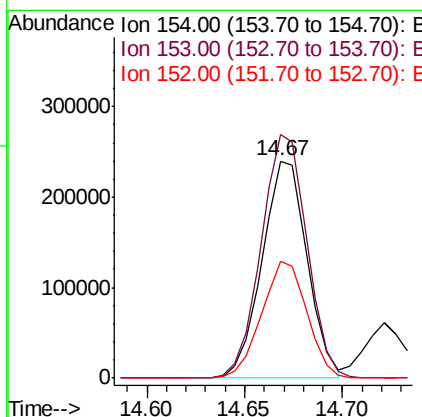
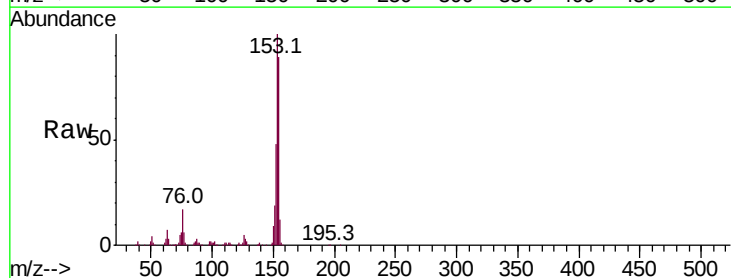
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

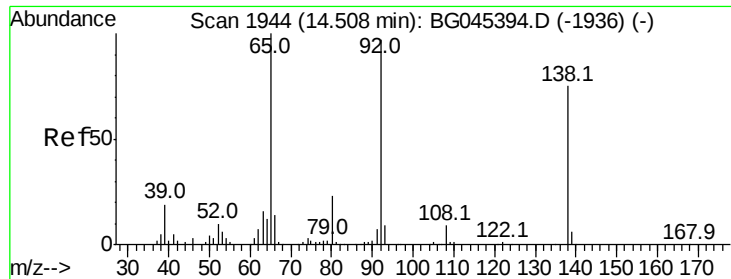
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	45.0	67.4
89	57.3	50.2	75.4



#52
 Acenaphthene
 Concen: 39.086 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	92.8	139.2
152	53.7	44.6	66.8





#53

3-Nitroaniline

Concen: 18.574 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

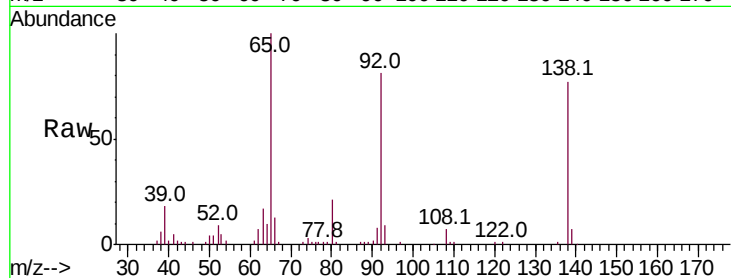
Tot Ion:138 Resp: 53285

Ion Ratio Lower Upper

138 100

108 8.7 9.8 14.6#

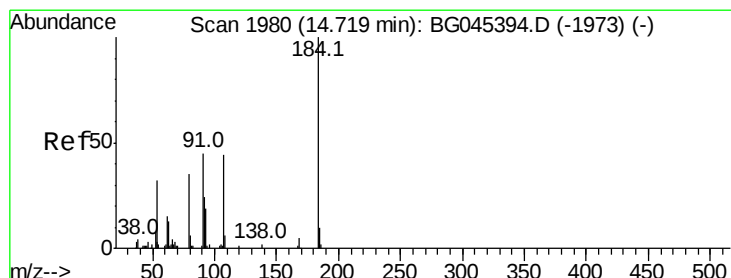
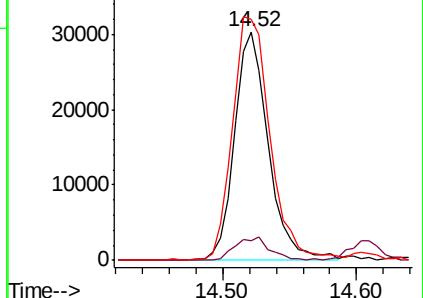
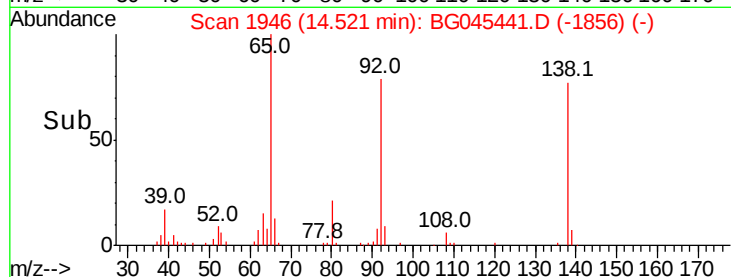
92 105.8 103.0 154.4



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): BGC



#54

2,4-Dinitrophenol

Concen: 75.006 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

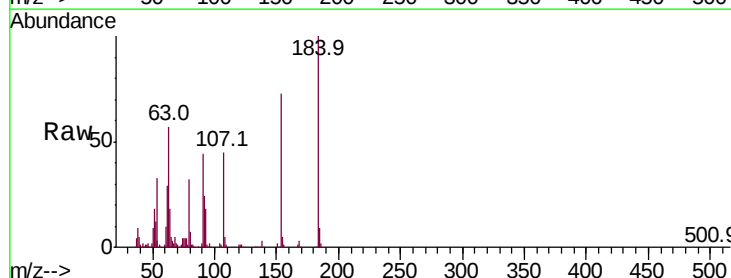
Tgt Ion:184 Resp: 137988

Ion Ratio Lower Upper

184 100

63 56.7 47.8 71.6

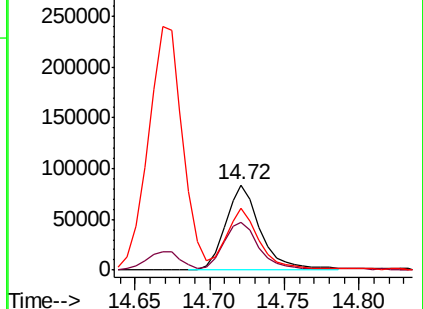
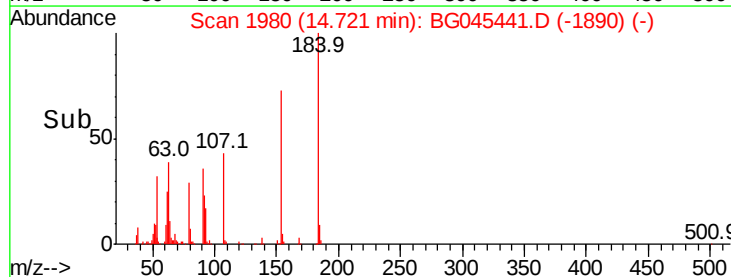
154 72.9 58.3 87.5

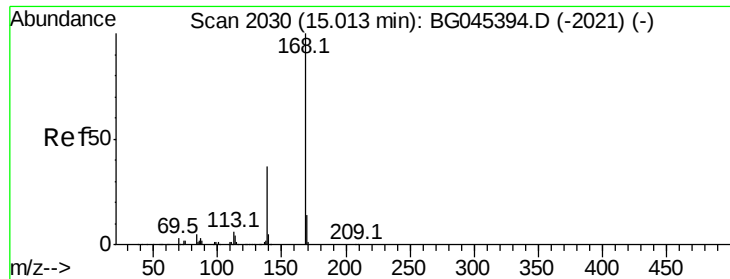


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

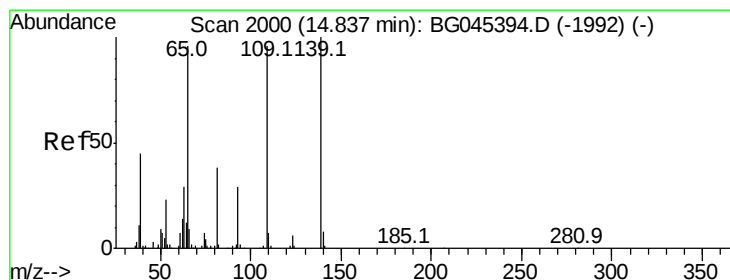
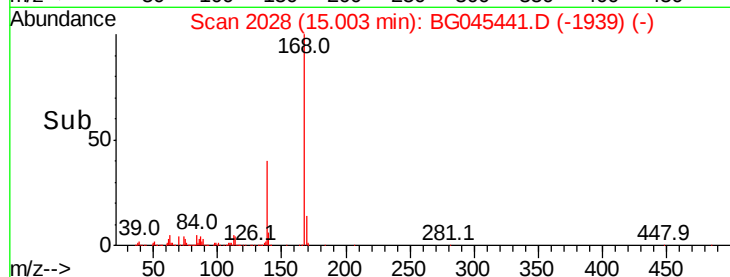
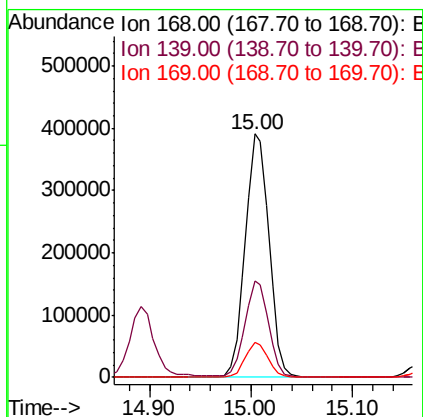
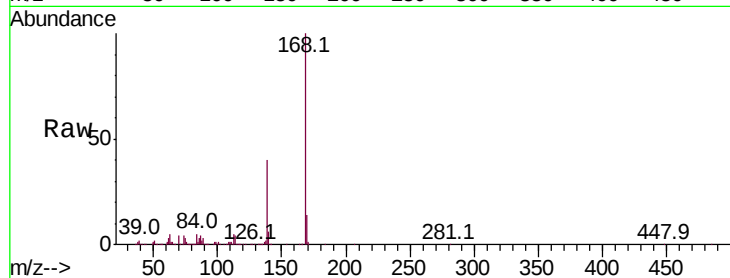




#55
Dibenzenofuran
Concen: 43.765 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

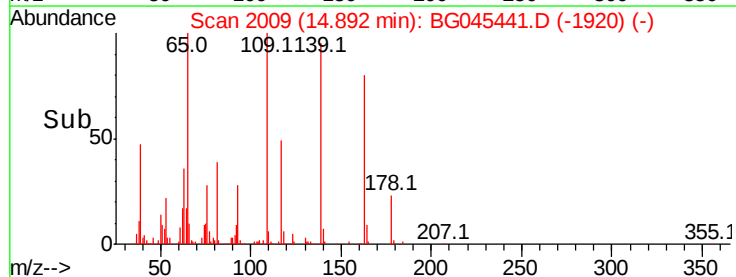
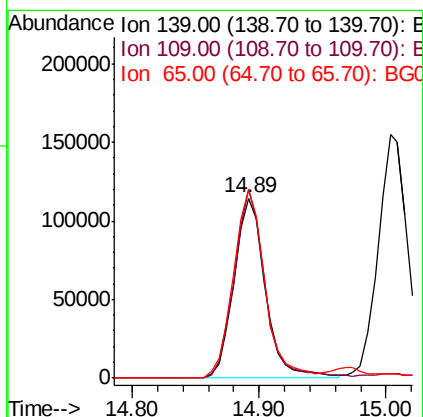
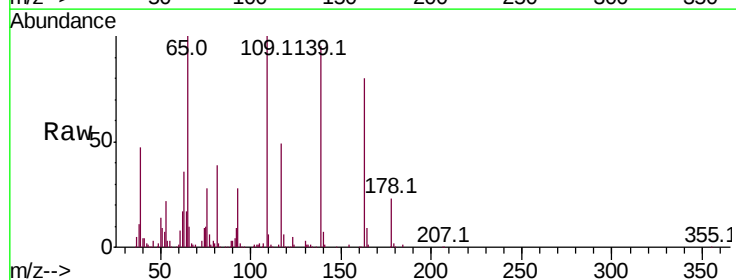
Instrument :
BNA_G
ClientSampleId :
PB129042BS

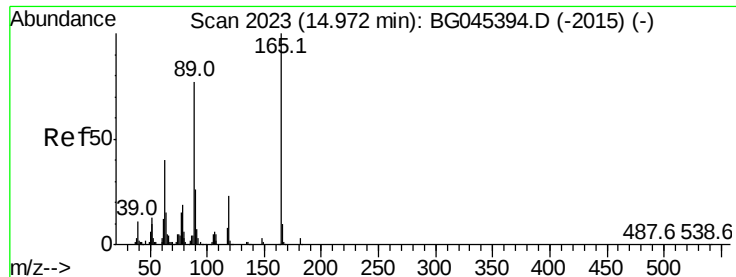
Tot Ion:168 Resp: 635680
Ion Ratio Lower Upper
168 100
139 39.6 29.9 44.9
169 14.2 10.9 16.3



#56
4-Nitrophenol
Concen: 90.318 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:139 Resp: 196169
Ion Ratio Lower Upper
139 100
109 104.5 75.6 115.6
65 104.9 76.8 116.8

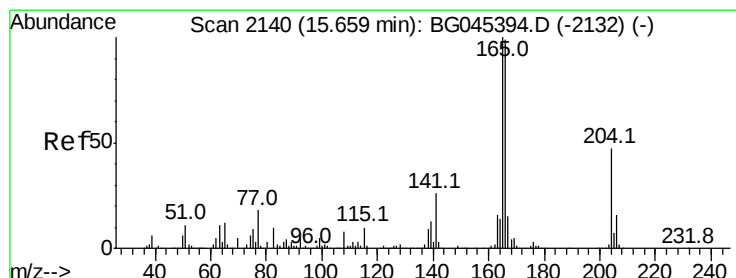
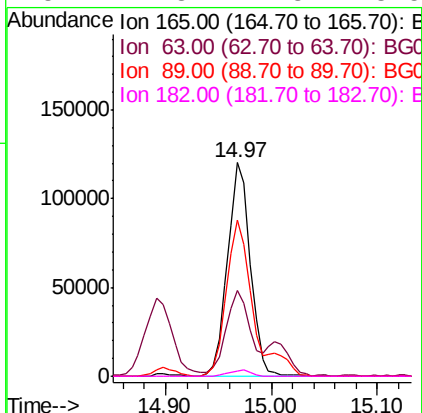
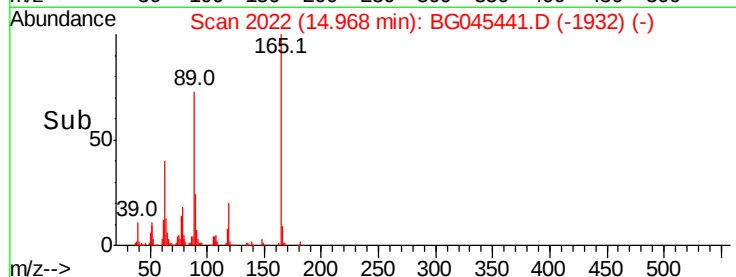
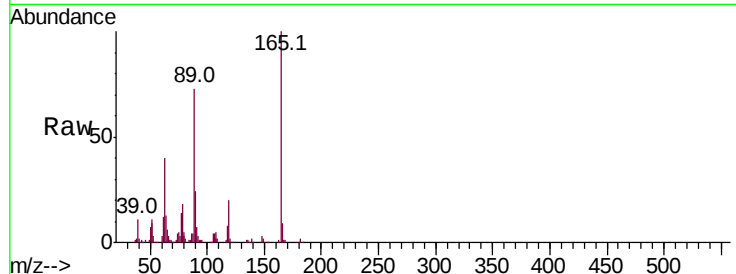




#57
2,4-Dinitrotoluene
Concen: 43.814 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

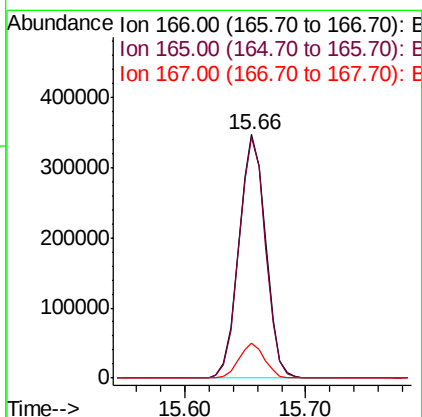
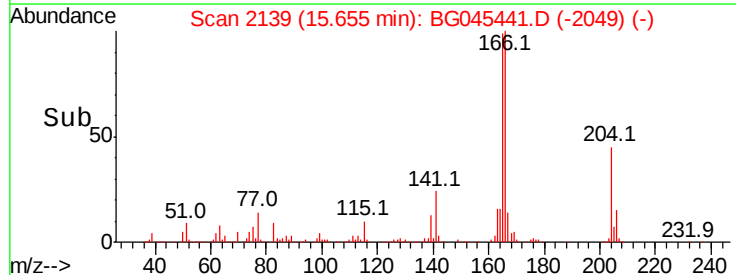
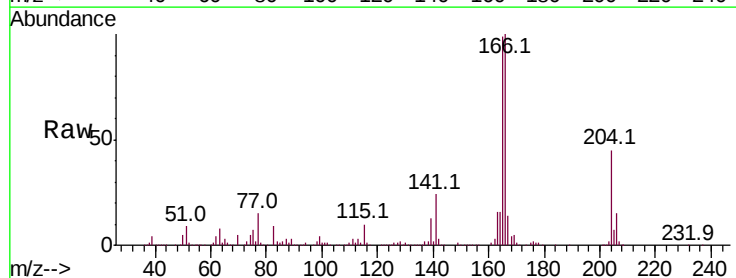
Instrument :
BNA_G
ClientSampleId :
PB129042BS

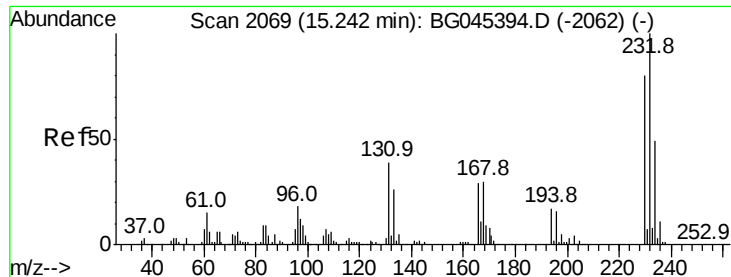
Tot Ion:165	Resp:	179079
Ion	Ratio	Lower Upper
165	100	
63	40.4	32.5 48.7
89	73.1	61.8 92.6
182	2.3	2.3 3.5



#58
Fluorene
Concen: 44.946 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:166	Resp:	536332
Ion	Ratio	Lower Upper
166	100	
165	99.1	80.8 121.2
167	14.2	12.0 18.0

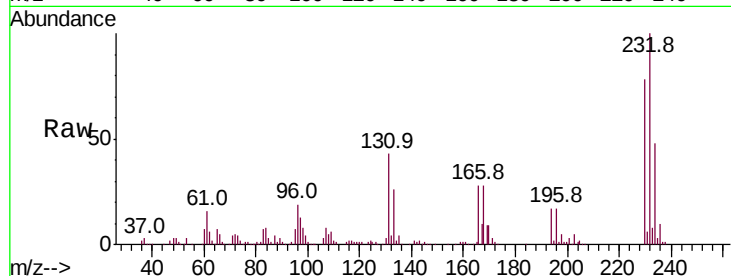




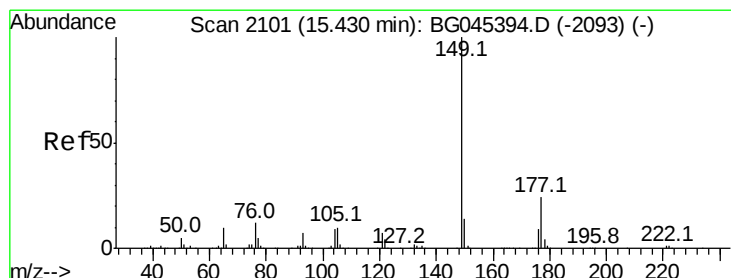
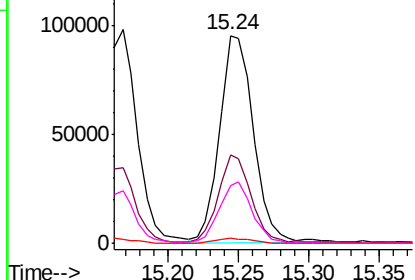
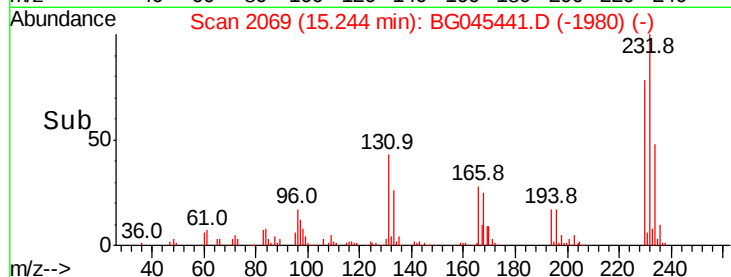
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.423 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:232	Resp:	157986
Ion Ratio	Lower	Upper
232	100	
131	41.3	33.7 50.5
130	2.5	2.1 3.1
166	28.7	23.2 34.8

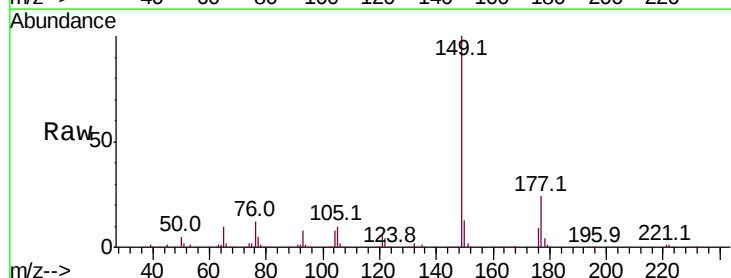


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

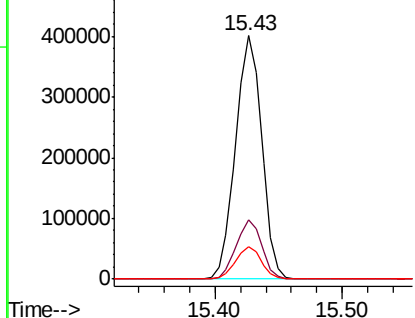
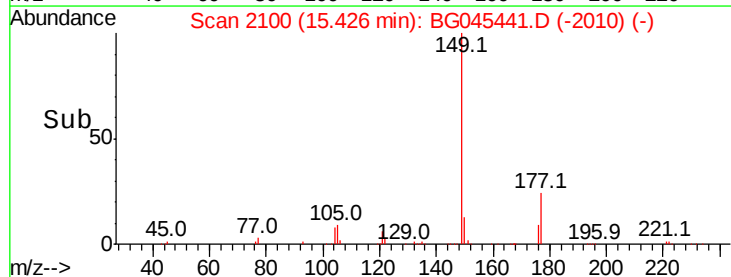


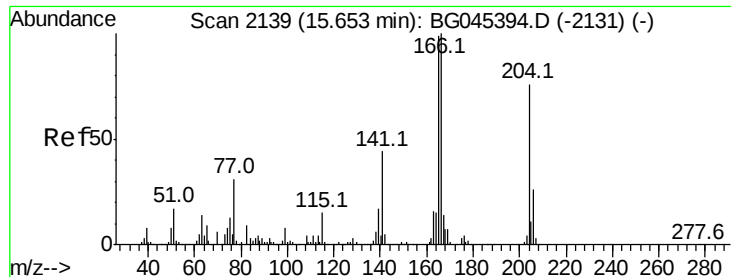
#60
Diethylphthalate
Concen: 43.969 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:149	Resp:	572360
Ion Ratio	Lower	Upper
149	100	
177	24.4	19.0 28.4
150	13.2	11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

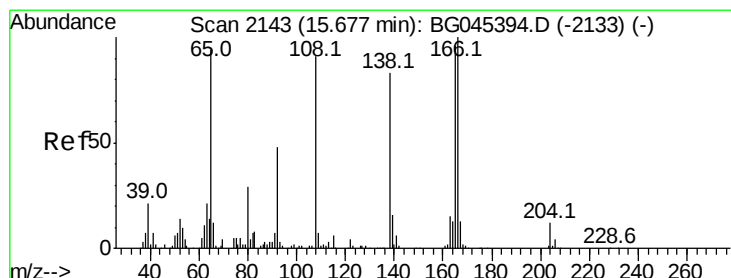
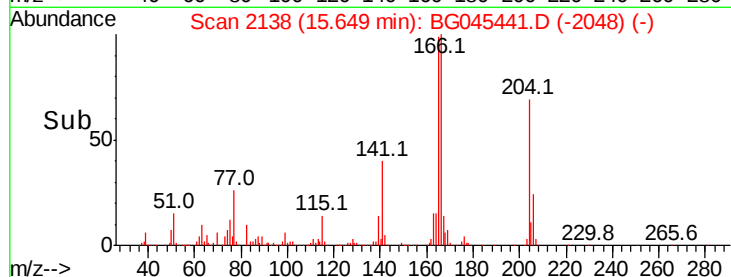
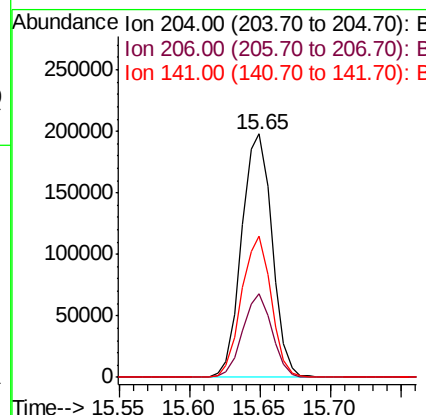
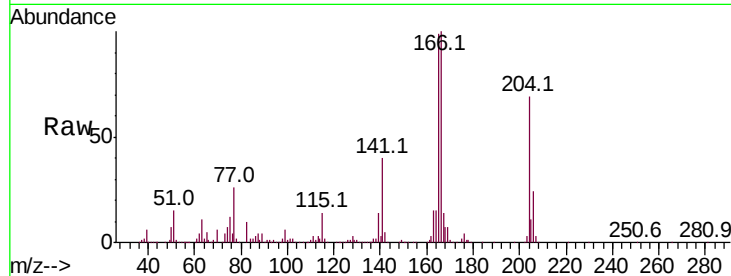




#61
4-Chlorophenyl-phenylether
Concen: 43.784 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

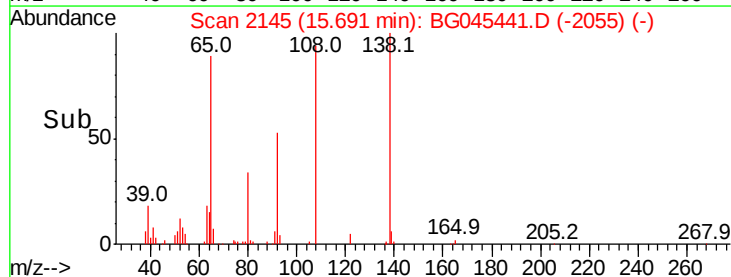
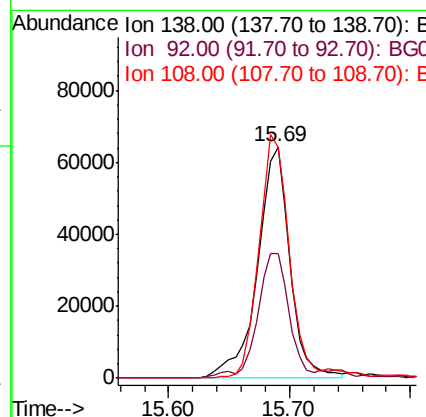
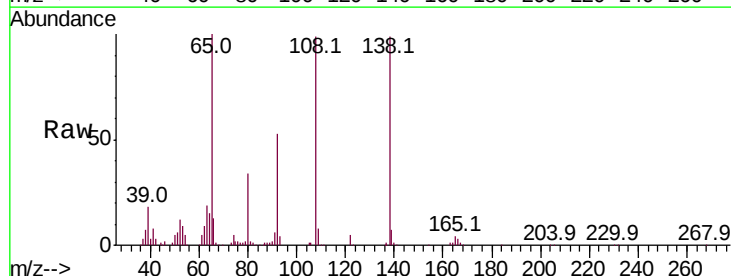
Instrument :
BNA_G
ClientSampleId :
PB129042BS

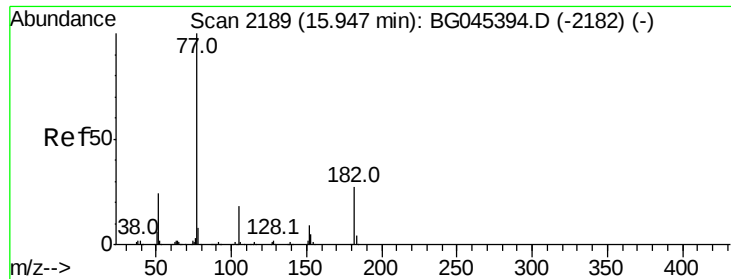
Tot Ion:204 Resp: 298977
Ion Ratio Lower Upper
204 100
206 34.4 27.3 40.9
141 57.8 45.9 68.9



#62
4-Nitroaniline
Concen: 39.944 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:138 Resp: 119631
Ion Ratio Lower Upper
138 100
92 53.6 38.0 78.0
108 99.7 89.3 129.3

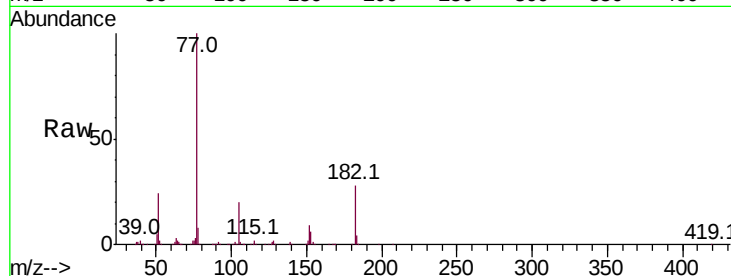




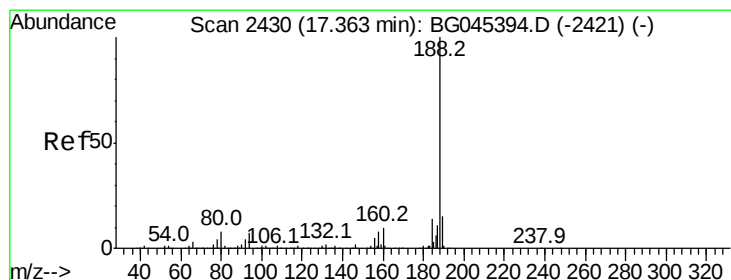
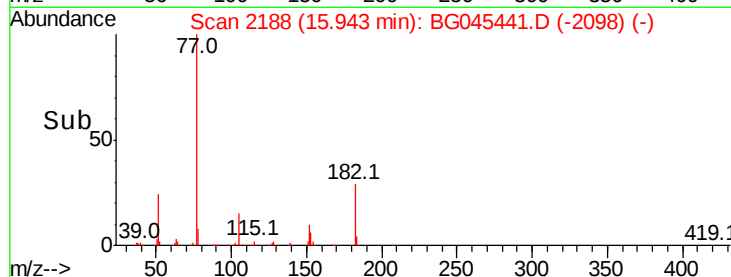
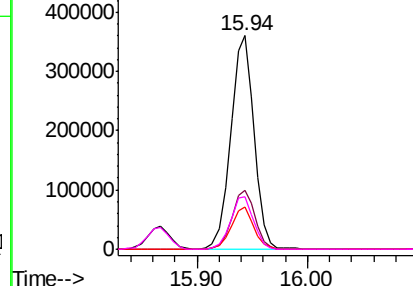
#63
Azobenzene
Concen: 43.645 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:	77	Resp:	529760
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	19.6	0.0	37.9
51	24.3	4.1	44.1

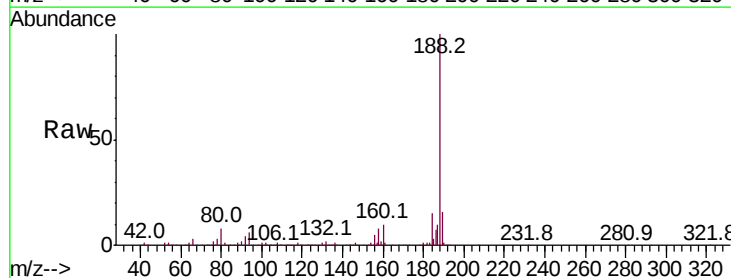


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

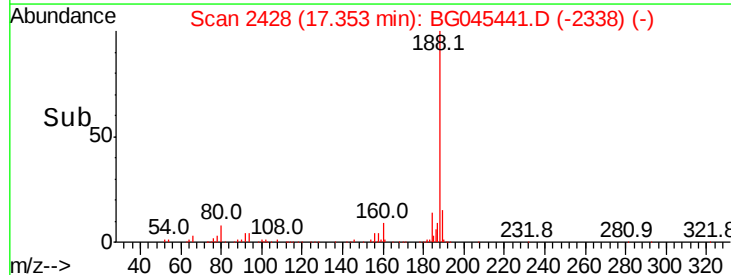
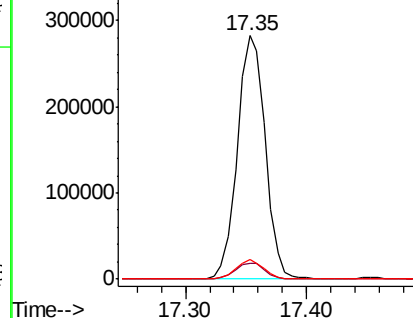


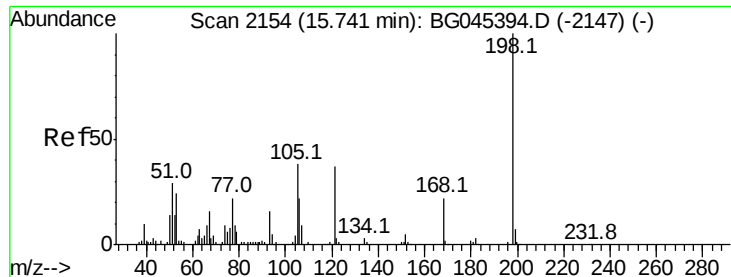
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:	188	Resp:	454252
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.5	8.3
80	8.0	6.6	10.0



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

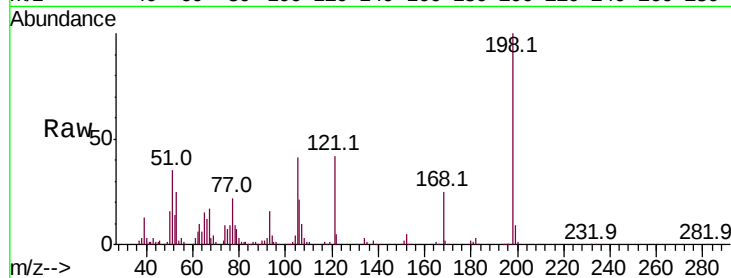




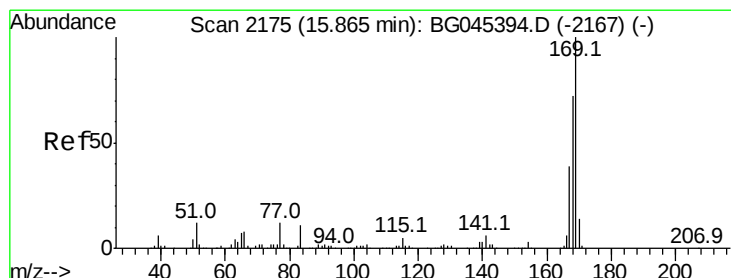
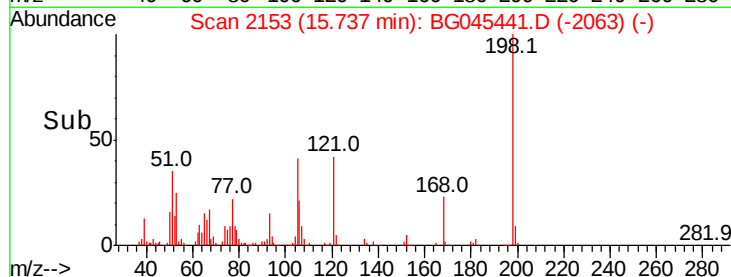
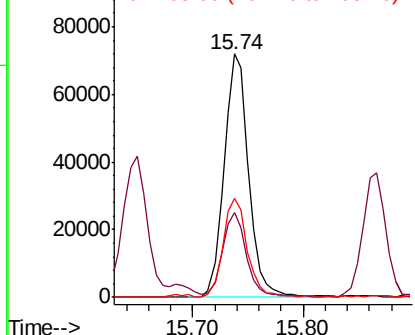
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.336 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion	198	Resp	112003
Ion Ratio	100	Lower	Upper
51	34.9	10.0	50.0
105	40.6	18.9	58.9

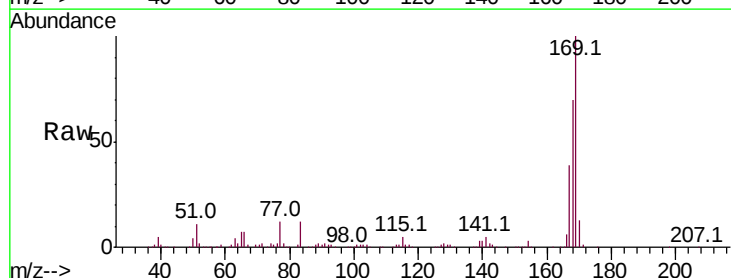


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

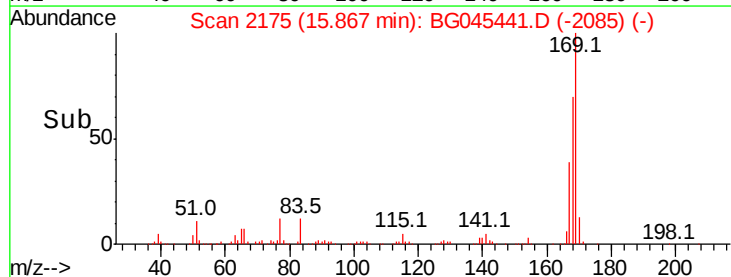
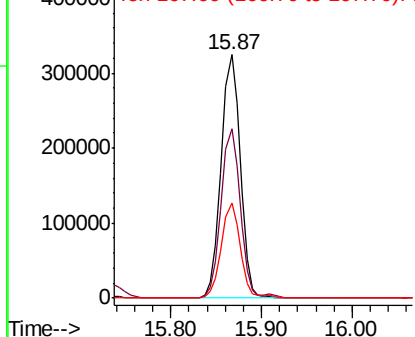


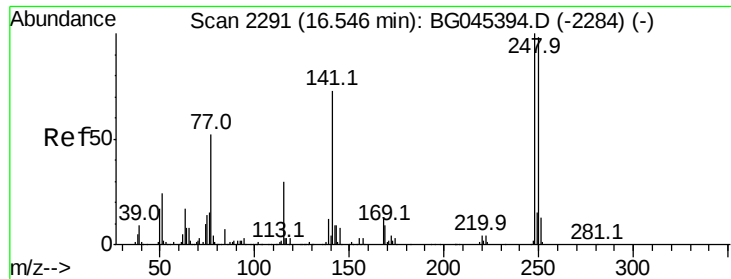
#66
 n-Nitrosodiphenylamine
 Concen: 43.582 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	169	Resp	475335
Ion Ratio	100	Lower	Upper
168	69.8	57.8	86.6
167	38.9	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

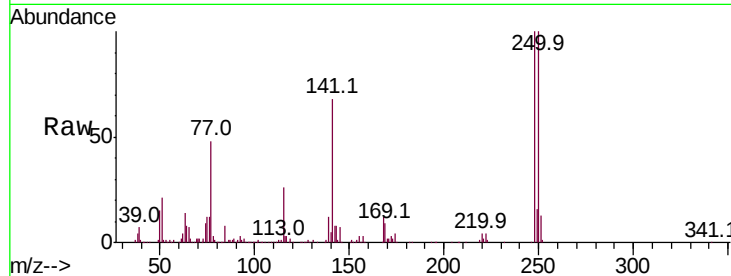




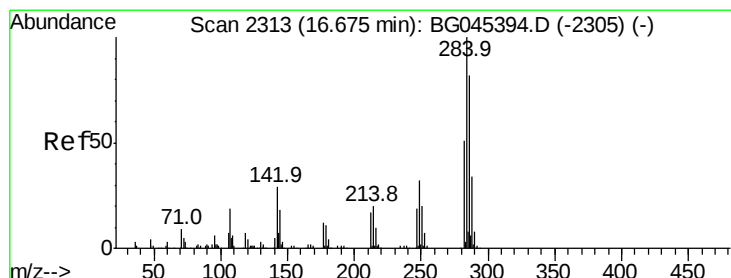
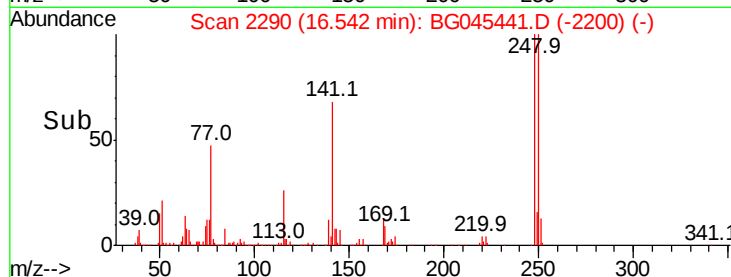
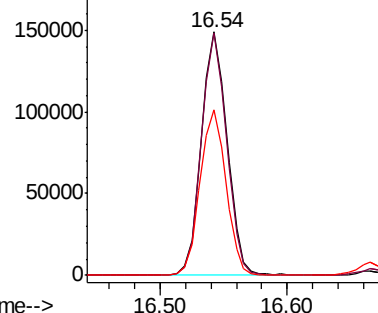
#67
4-Bromophenyl-phenylether
Concen: 42.348 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:248 Resp: 208301
Ion Ratio Lower Upper
248 100
250 99.6 78.6 117.8
141 68.2 58.2 87.2

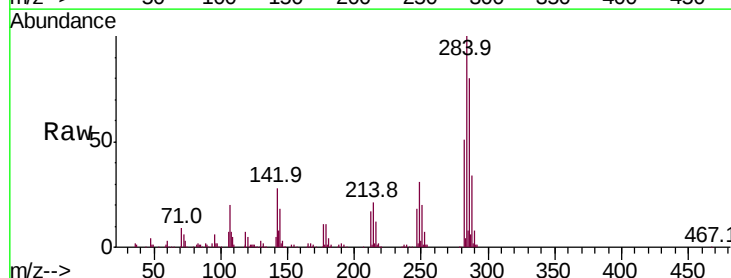


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

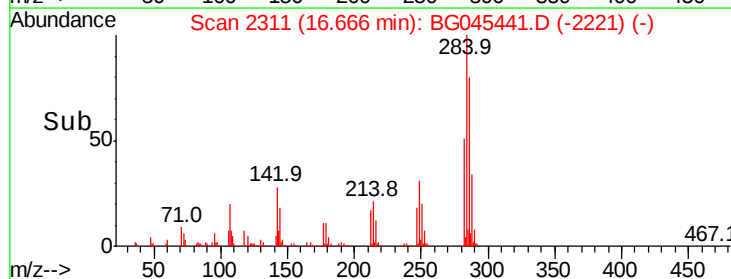
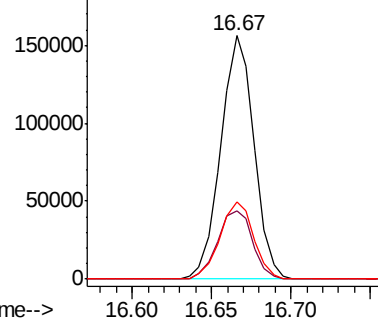


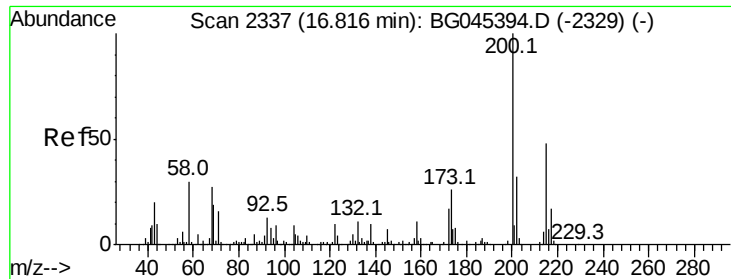
#68
Hexachlorobenzene
Concen: 44.207 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:284 Resp: 227432
Ion Ratio Lower Upper
284 100
142 28.2 23.0 34.6
249 31.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.159 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

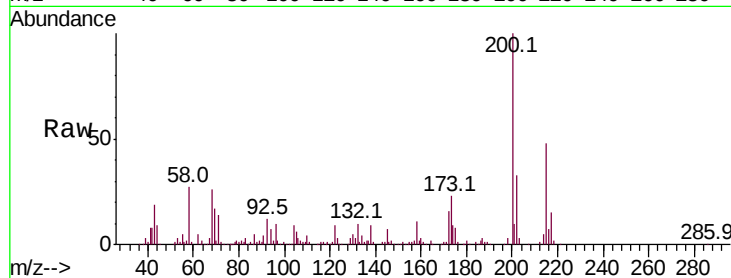
Tot Ion:200 Resp: 184900

Ion Ratio Lower Upper

200 100

173 23.4 5.5 45.5

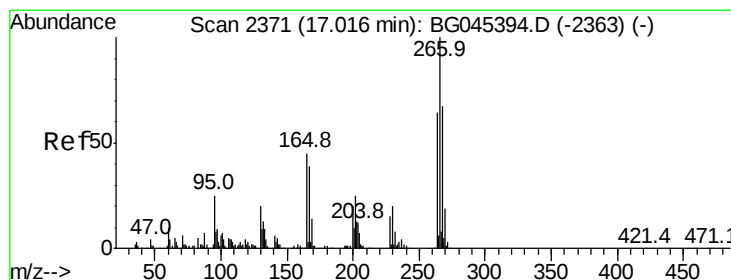
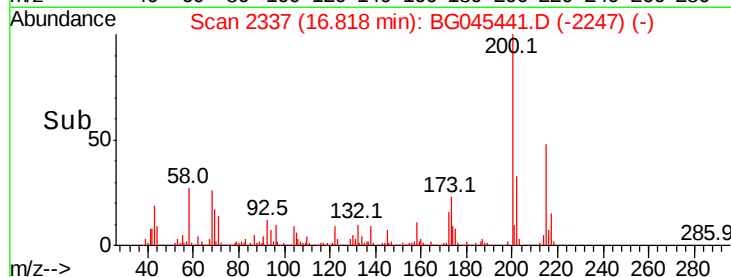
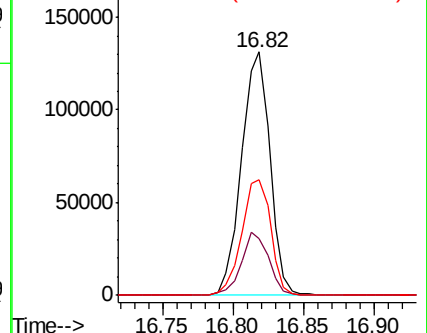
215 47.7 28.2 68.2



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: 86.863 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

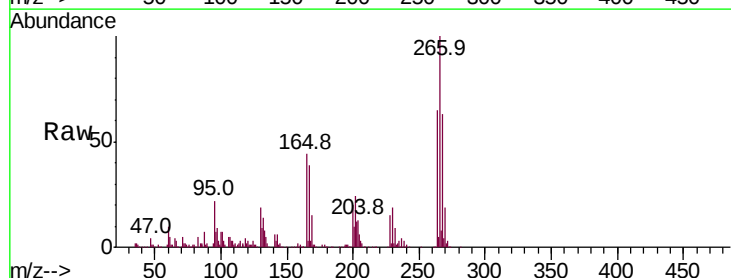
Tgt Ion:266 Resp: 232039

Ion Ratio Lower Upper

266 100

268 62.6 53.2 79.8

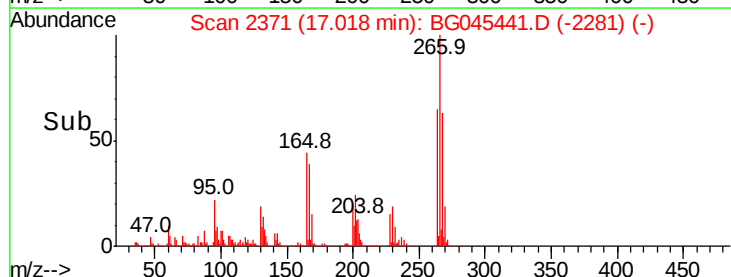
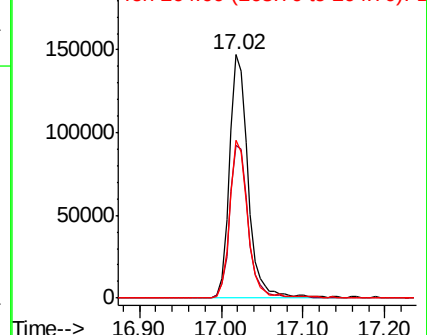
264 64.7 51.0 76.4

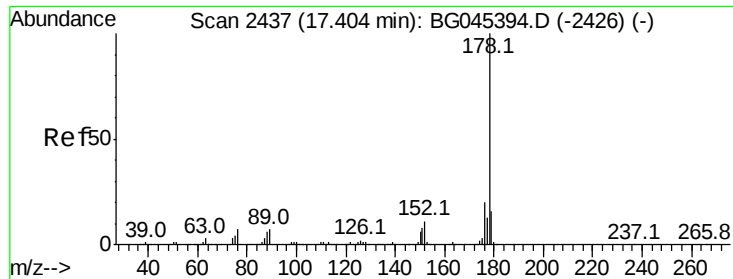


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

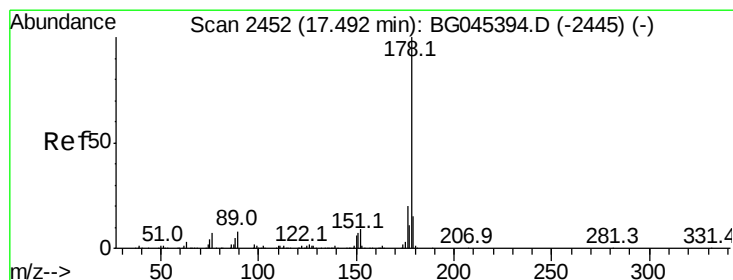
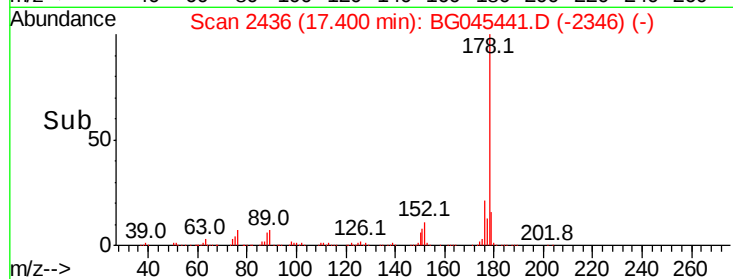
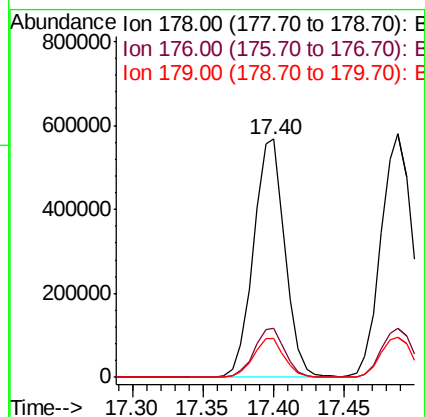
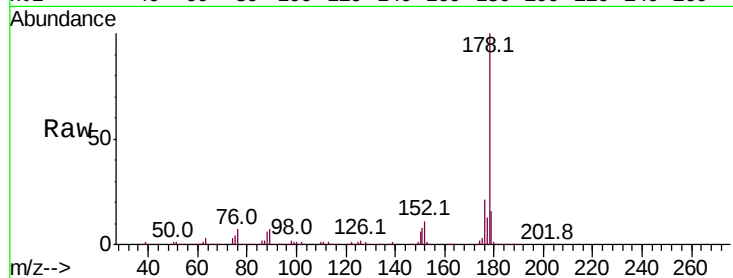




#71
Phenanthrene
Concen: 44.745 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

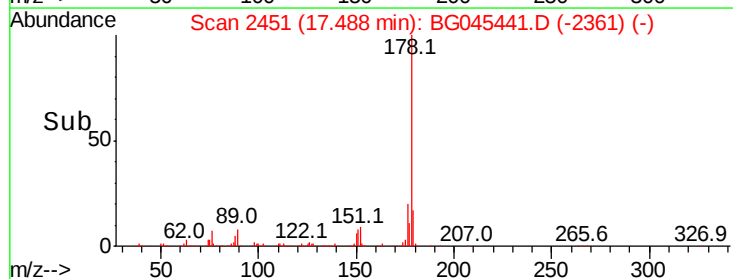
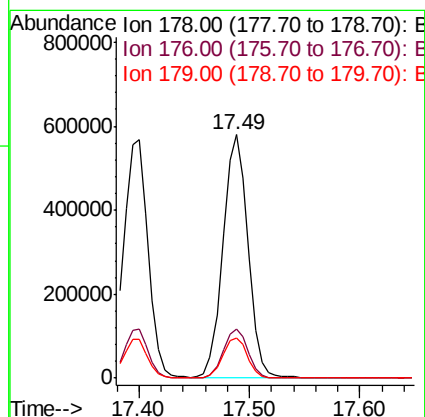
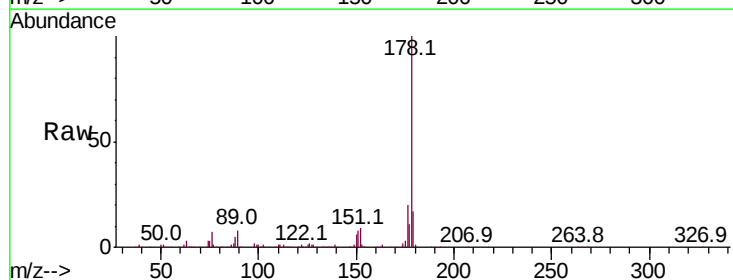
Instrument :
BNA_G
ClientSampleId :
PB129042BS

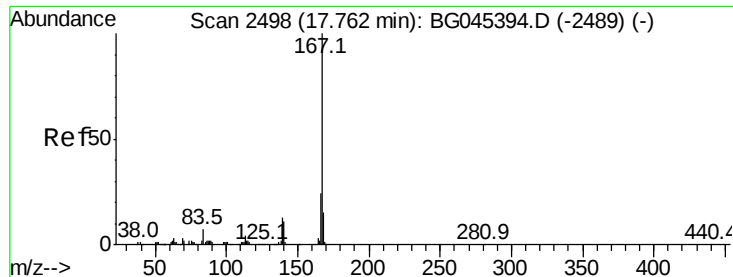
Tot Ion:178 Resp: 887318
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.3 13.1 19.7



#72
Anthracene
Concen: 45.973 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:178 Resp: 915528
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.7 12.2 18.4





#73

Carbazole

Concen: 43.492 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

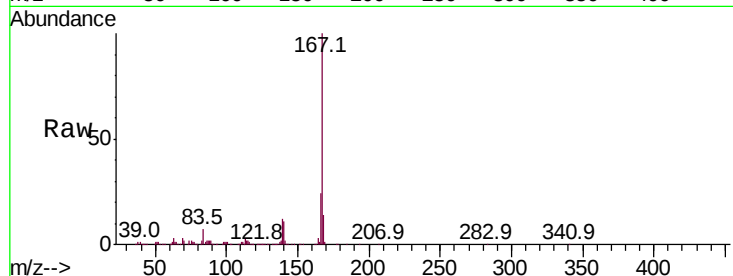
Tot Ion:167 Resp: 844256

Ion Ratio Lower Upper

167 100

166 23.6 19.2 28.8

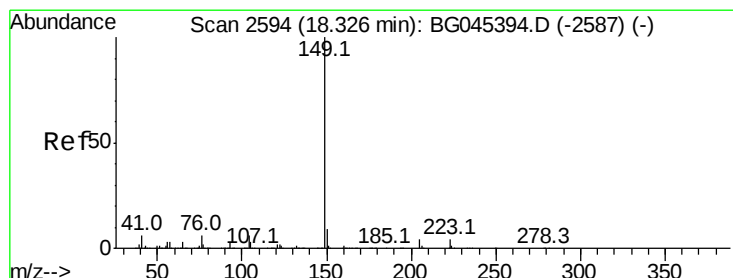
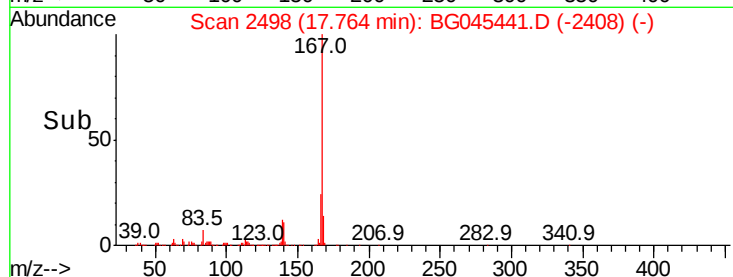
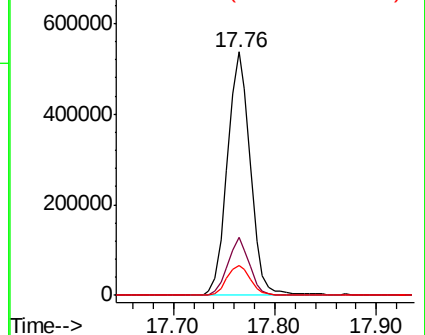
139 12.3 10.6 16.0



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: 43.334 ng

RT: 18.32 min Scan# 2592

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

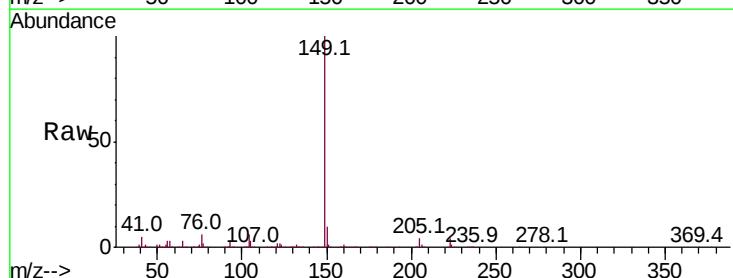
Tgt Ion:149 Resp: 1009655

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

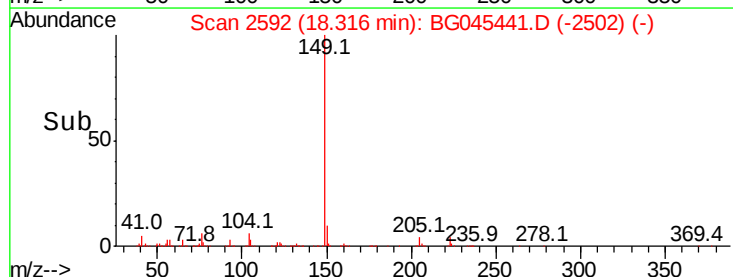
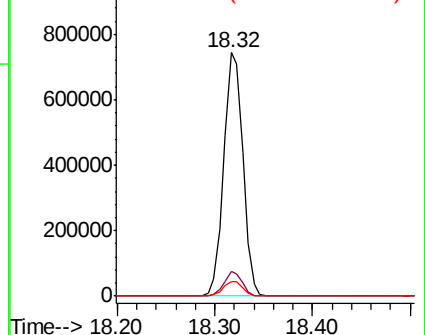
104 6.0 5.0 7.4

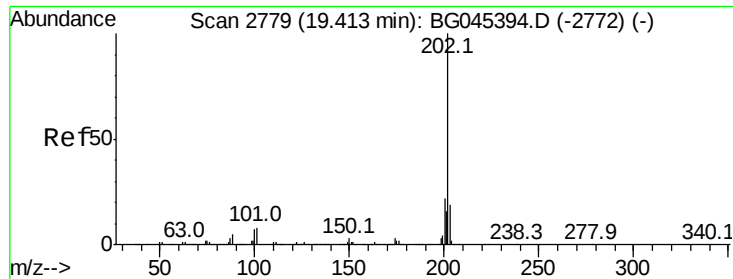


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.254 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

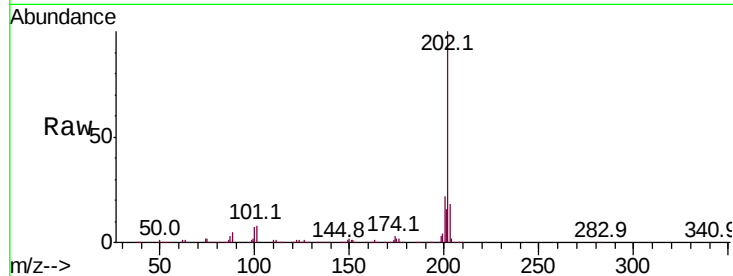
Tot Ion:202 Resp: 1141453

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

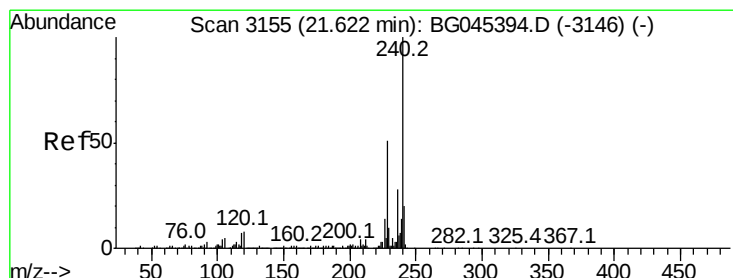
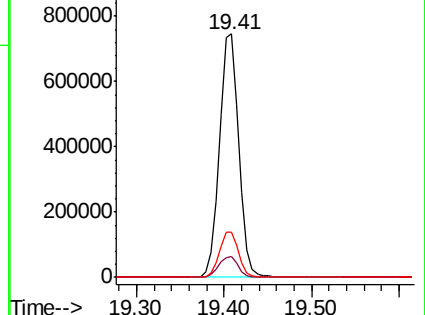
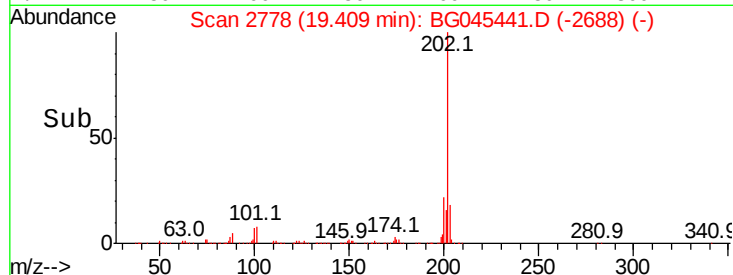
203 18.4 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

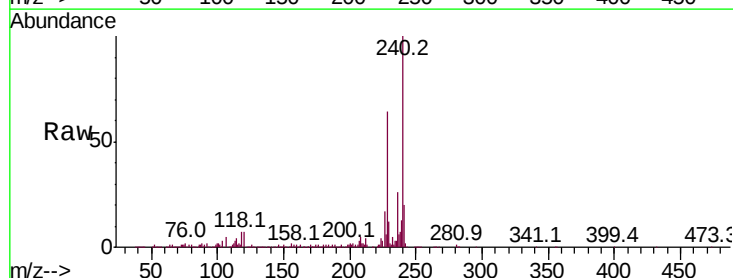
Tgt Ion:240 Resp: 440745

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

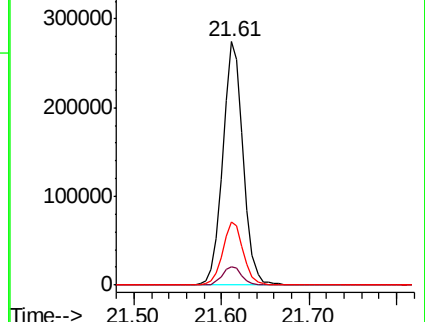
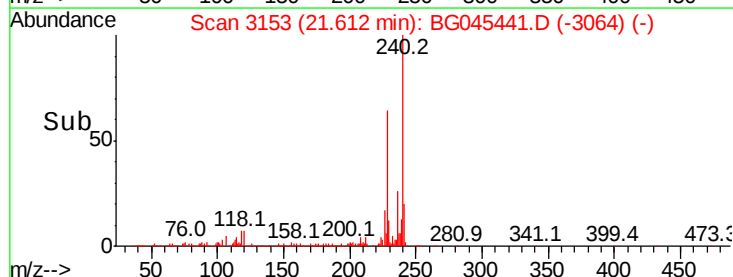
236 26.2 22.3 33.5

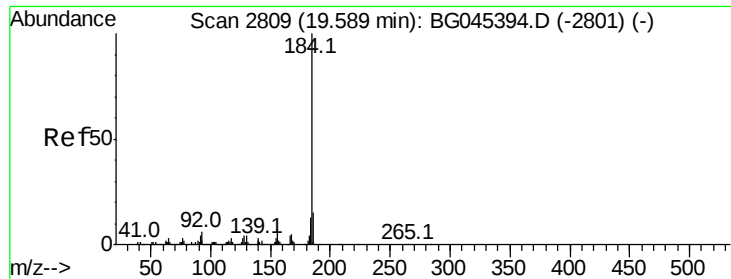


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.875 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

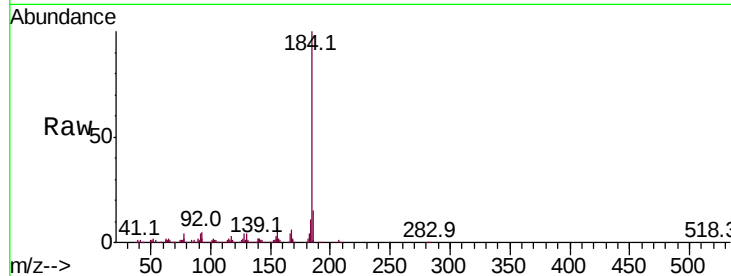
Tot Ion:184 Resp: 357433

Ion Ratio Lower Upper

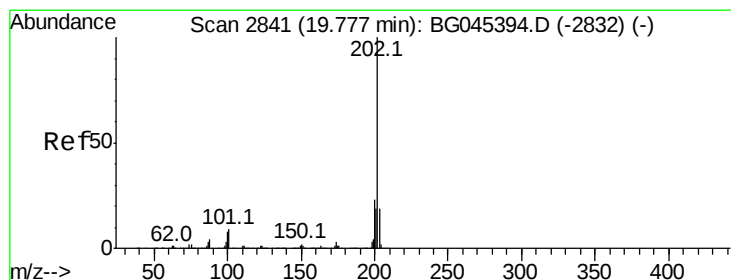
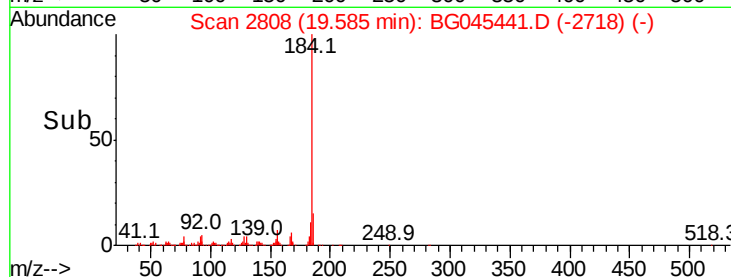
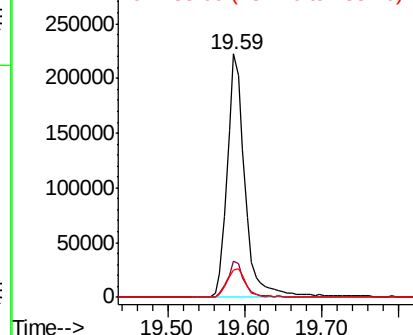
184 100

185 15.1 11.7 17.5

183 11.3 10.2 15.4



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



#78

Pyrene

Concen: 44.817 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

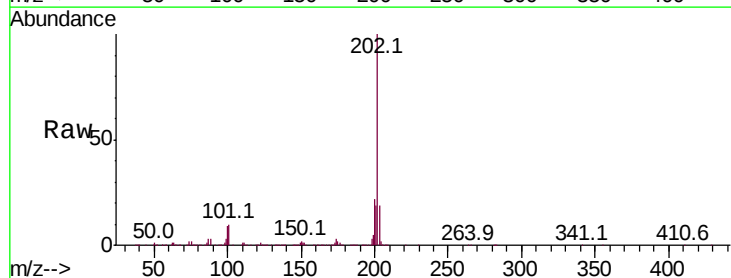
Tgt Ion:202 Resp: 1125994

Ion Ratio Lower Upper

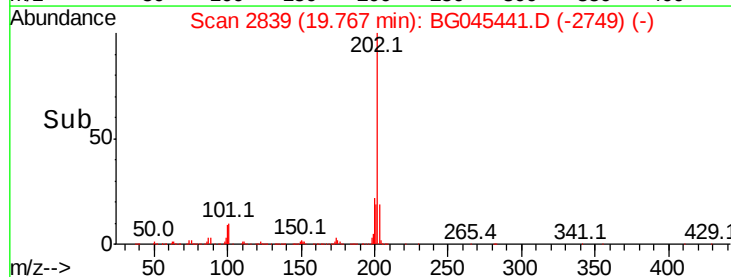
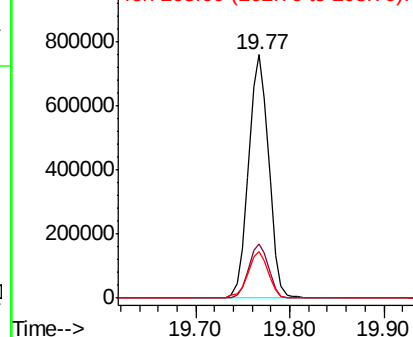
202 100

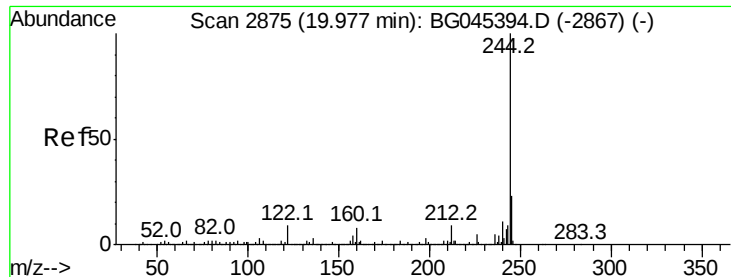
200 22.3 18.2 27.2

203 19.2 15.1 22.7



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

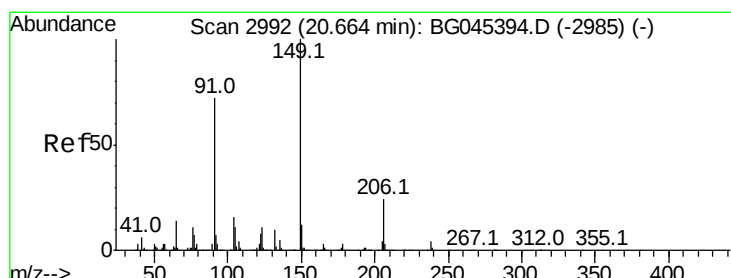
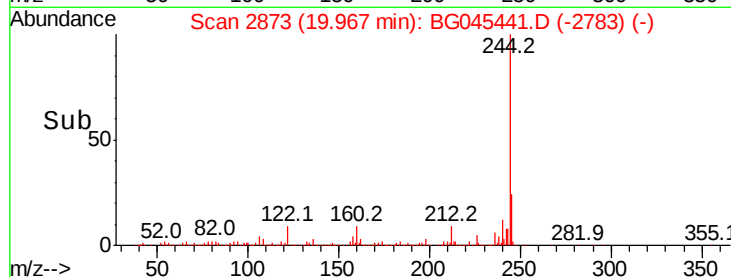
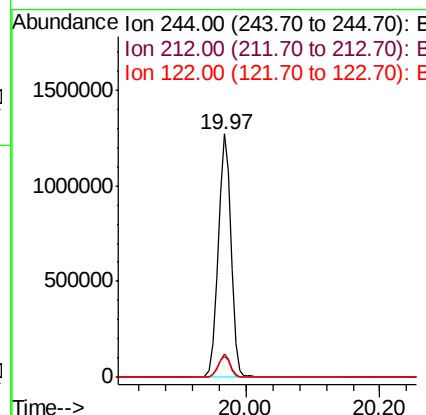
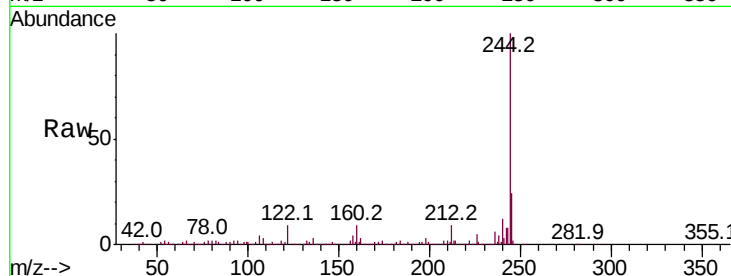




#79
 Terphenyl-d14
 Concen: 91.052 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

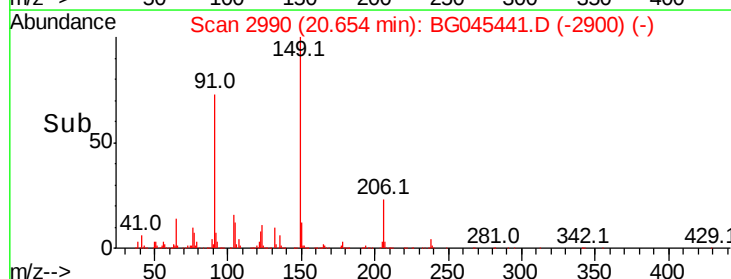
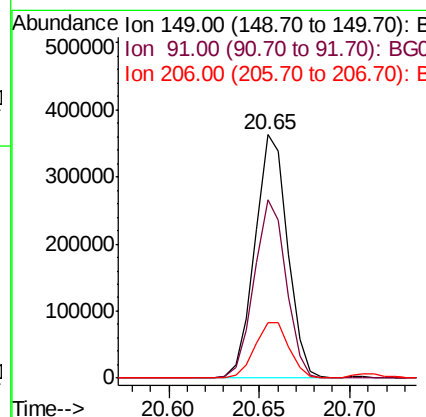
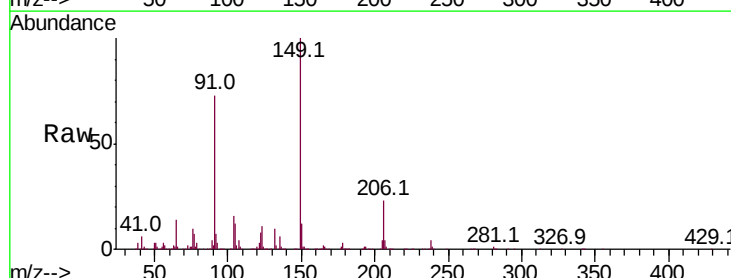
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

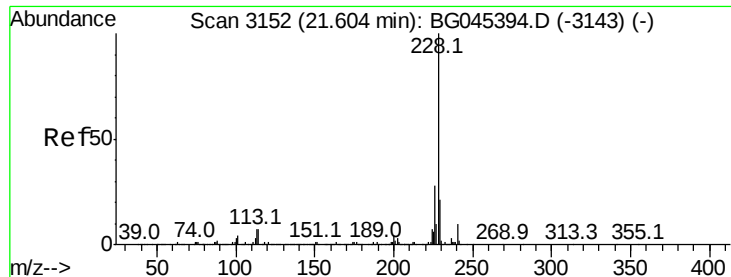
Tot Ion:244 Resp: 1720658
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.4 11.0
 122 8.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 42.012 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion:149 Resp: 455597
 Ion Ratio Lower Upper
 149 100
 91 73.4 57.8 86.6
 206 23.0 19.1 28.7

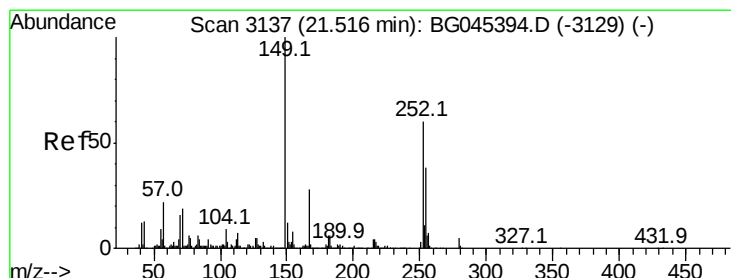
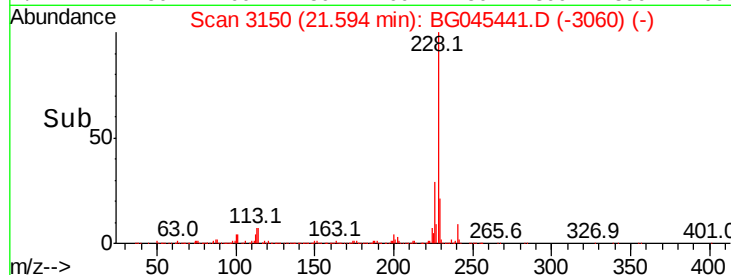
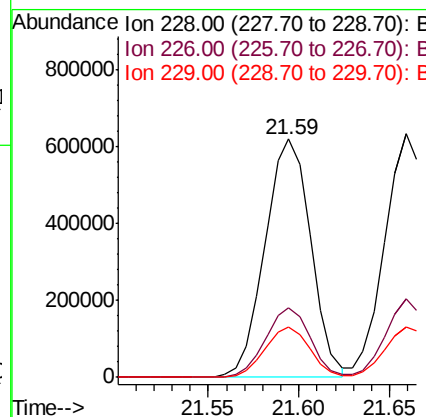
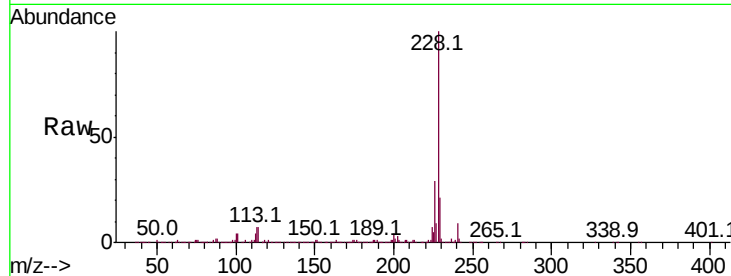




#81
Benzo(a)anthracene
Concen: 44.289 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

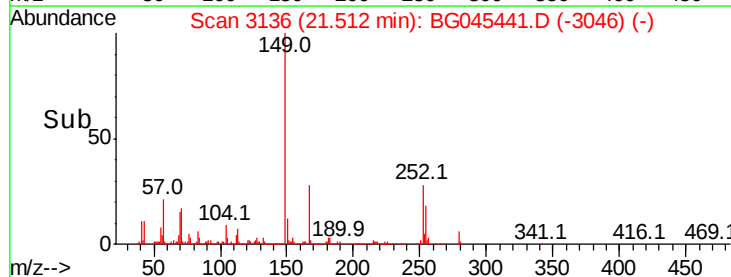
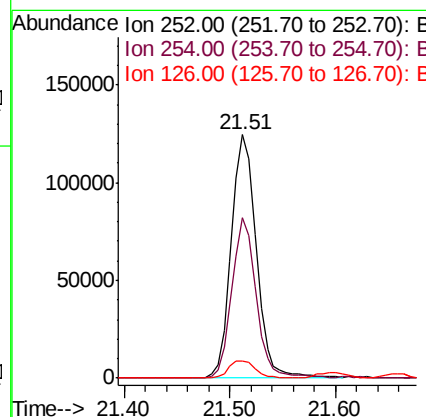
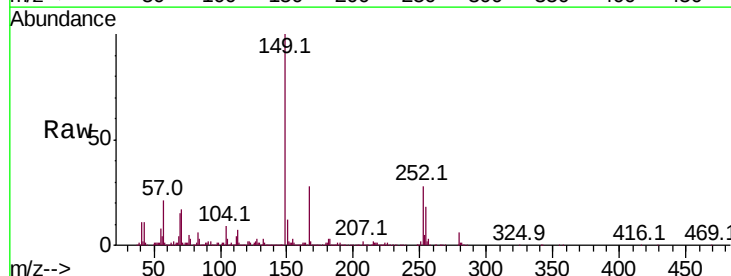
Instrument :
BNA_G
ClientSampleId :
PB129042BS

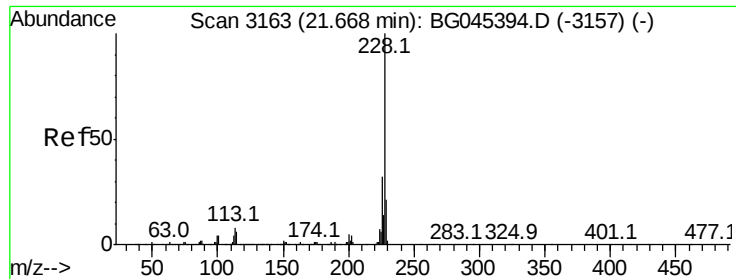
Tot Ion:228 Resp: 1087413
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 21.270 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:252 Resp: 204851
Ion Ratio Lower Upper
252 100
254 66.0 51.3 76.9
126 7.0 6.6 10.0





#83

Chrysene

Concen: 44.315 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

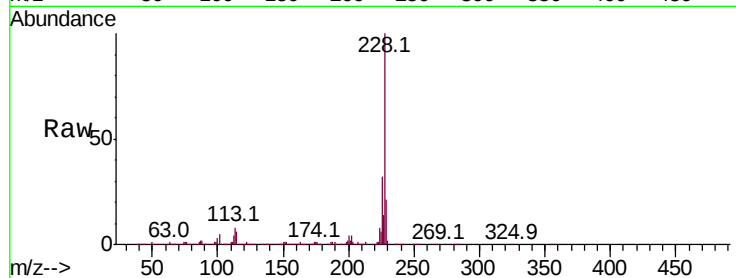
BNA_G

ClientSampleId :

PB129042BS

Tot Ion:228 Resp: 1046185

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.2	37.8
229	20.6	16.7	25.1

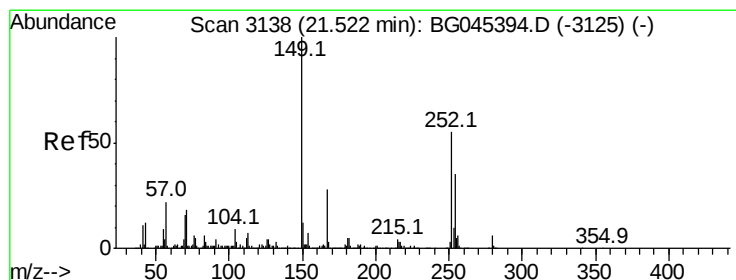
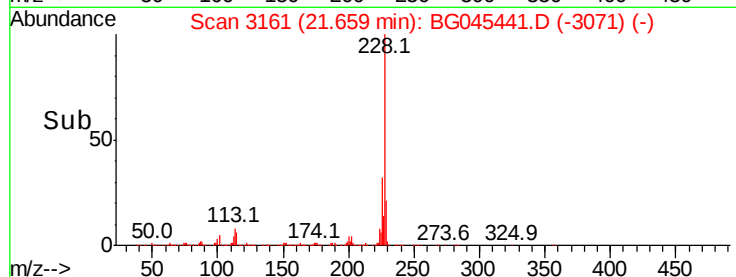
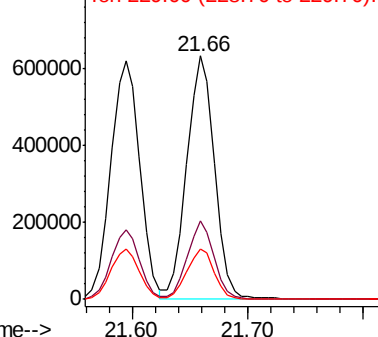


Abundance

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: 43.022 ng

RT: 21.51 min Scan# 3135

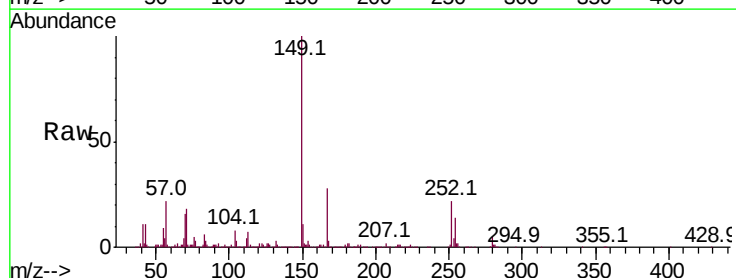
Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:149 Resp: 641340

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.0	4.7	7.1

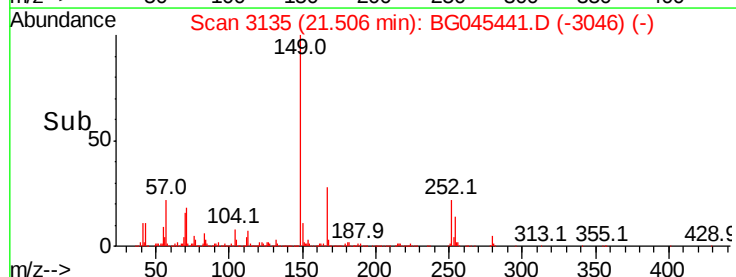
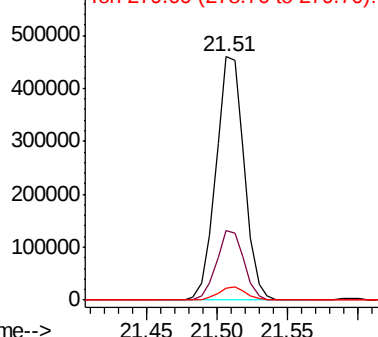


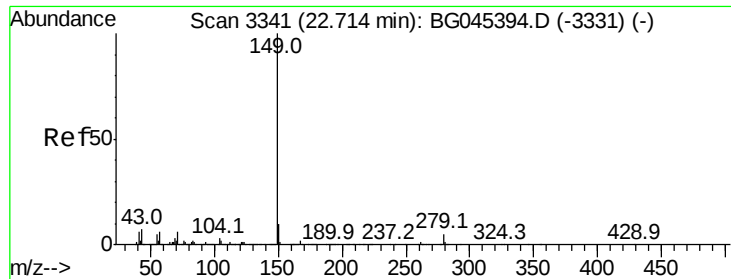
Abundance

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

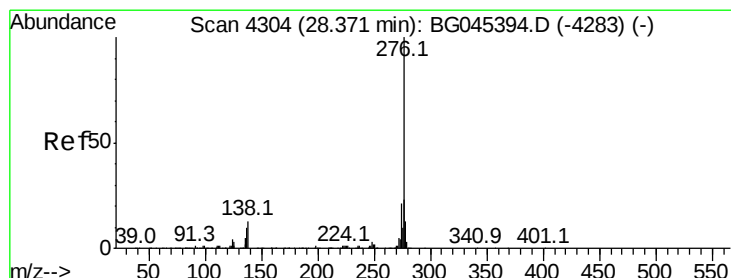
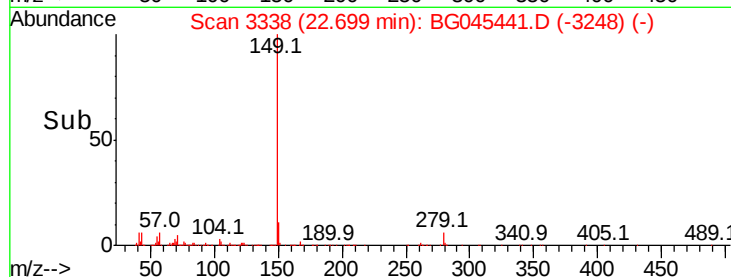
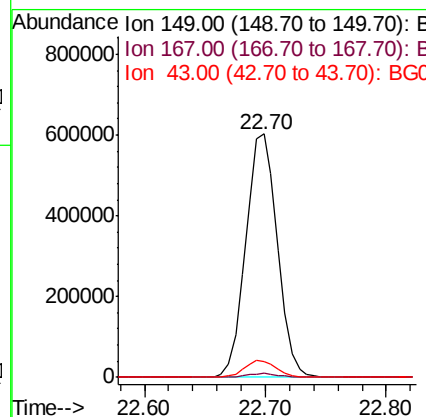
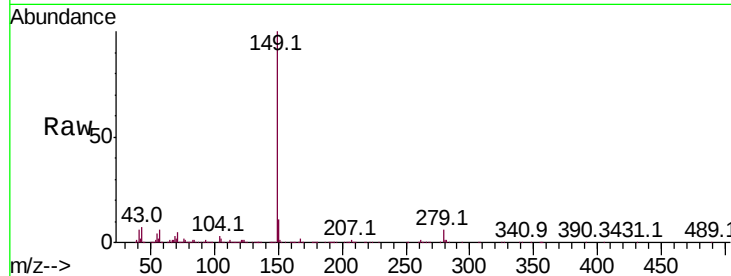




#85
Di-n-octyl phthalate
Concen: 42.795 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

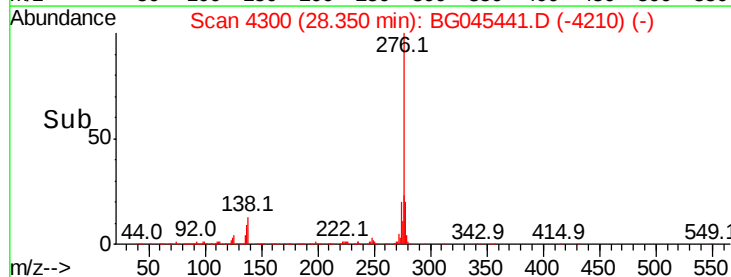
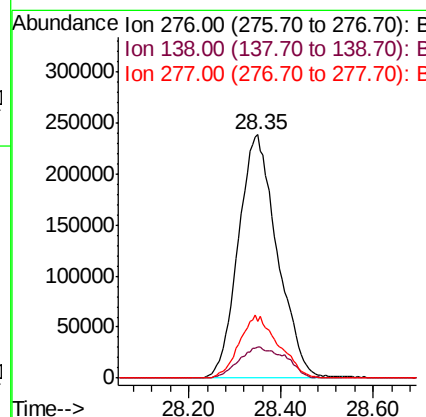
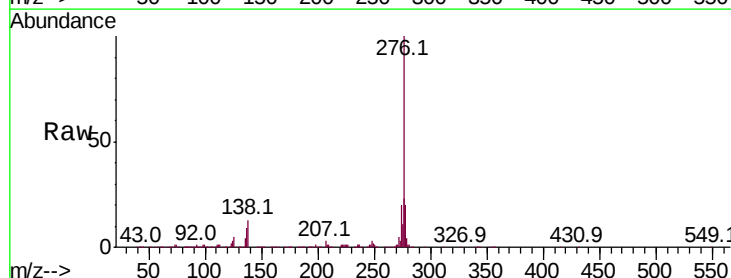
Instrument :
BNA_G
ClientSampleId :
PB129042BS

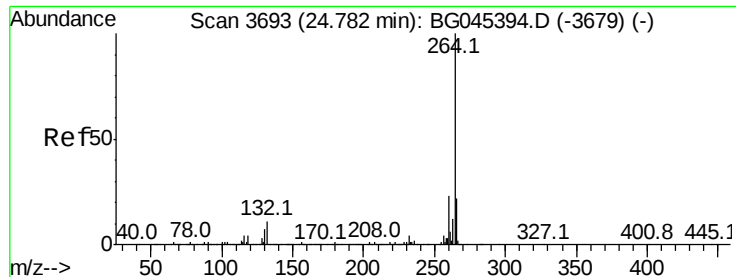
Tot Ion:149 Resp: 1095692
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 6.8 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.237 ng
RT: 28.35 min Scan# 4300
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:276 Resp: 1396548
Ion Ratio Lower Upper
276 100
138 15.2 8.6 12.8#
277 25.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

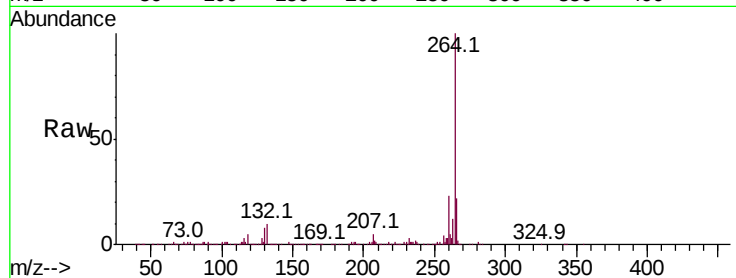
Tot Ion:264 Resp: 498030

Ion Ratio Lower Upper

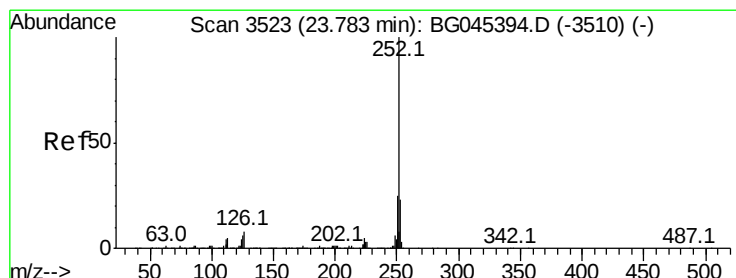
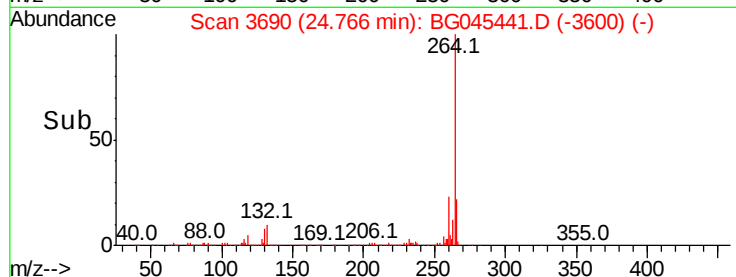
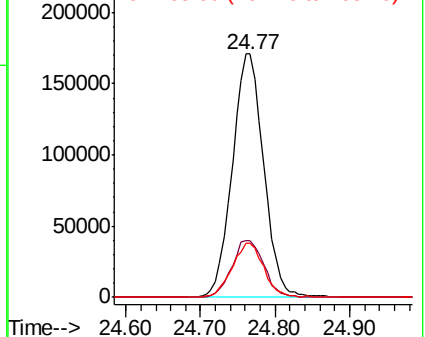
264 100

260 23.4 18.2 27.4

265 22.1 17.6 26.4



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: 44.489 ng

RT: 23.77 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

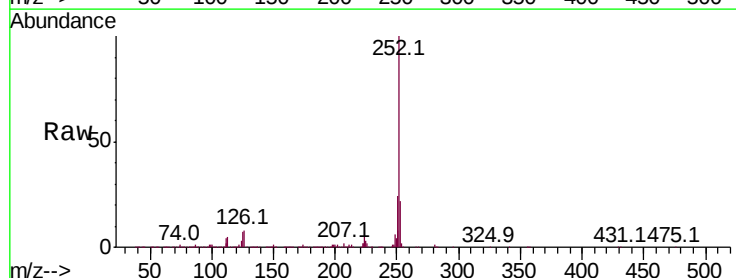
Tgt Ion:252 Resp: 1188306

Ion Ratio Lower Upper

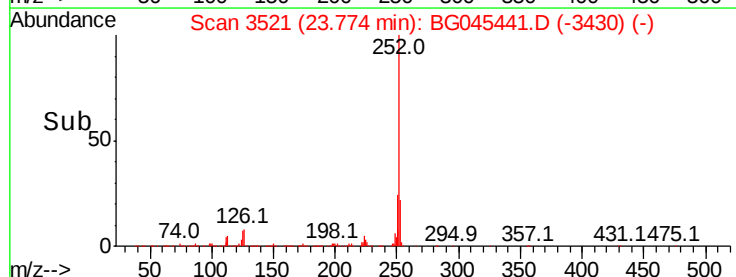
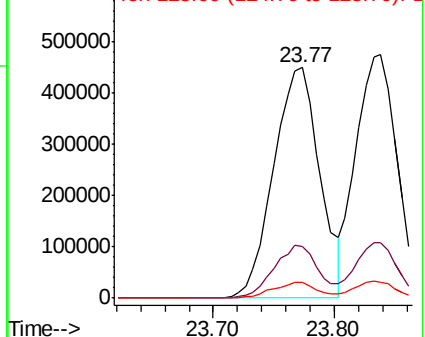
252 100

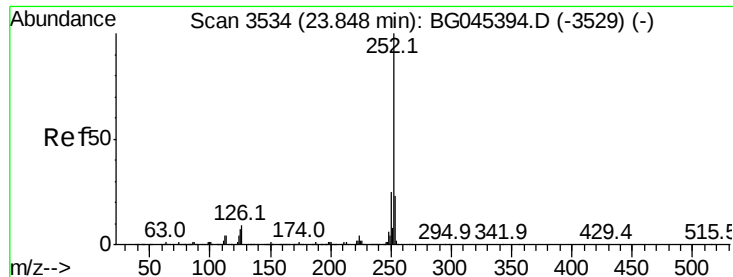
253 22.3 18.1 27.1

125 7.0 5.0 7.6



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





#89

Benzo(k)fluoranthene

Concen: 45.151 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

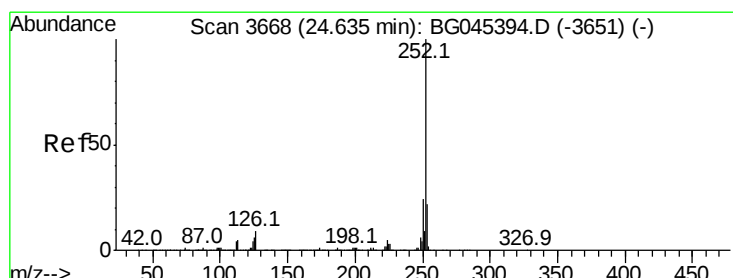
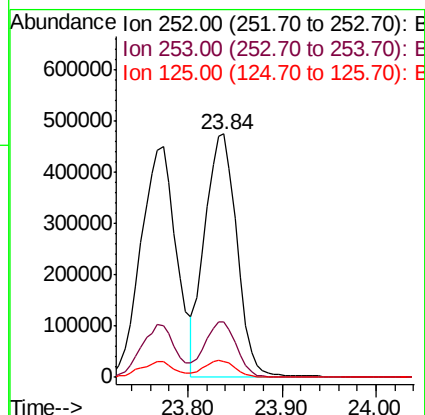
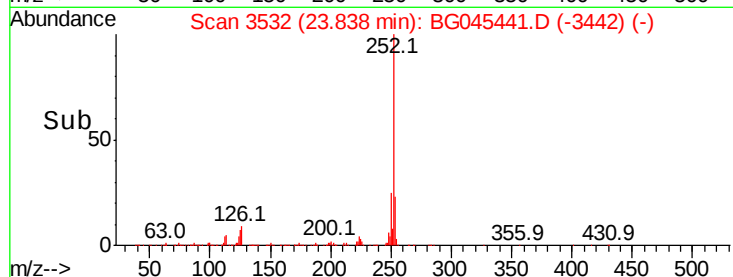
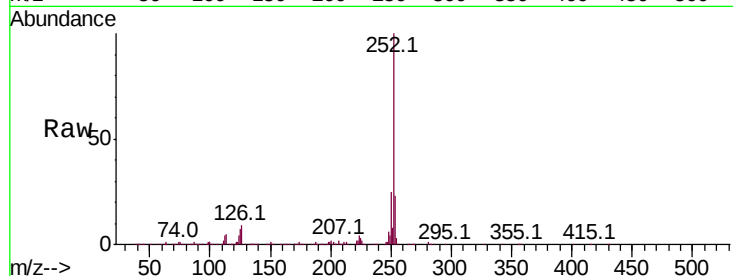
Tot Ion:252 Resp: 1132992

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 6.6 5.7 8.5



#90

Benzo(a)pyrene

Concen: 43.763 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

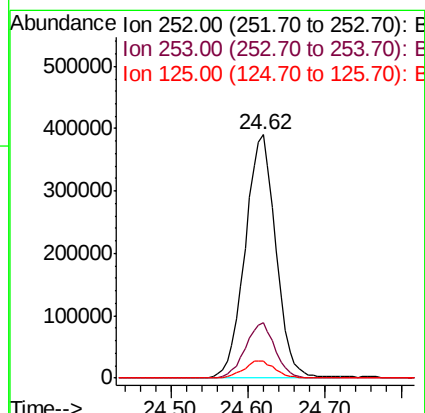
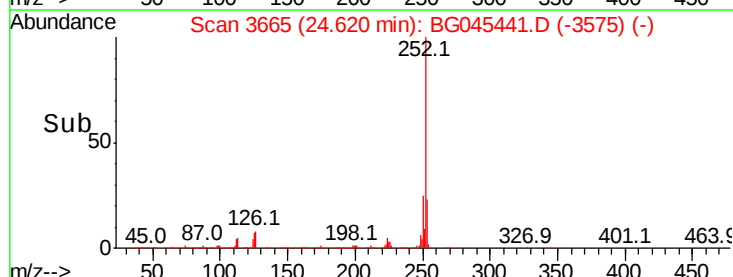
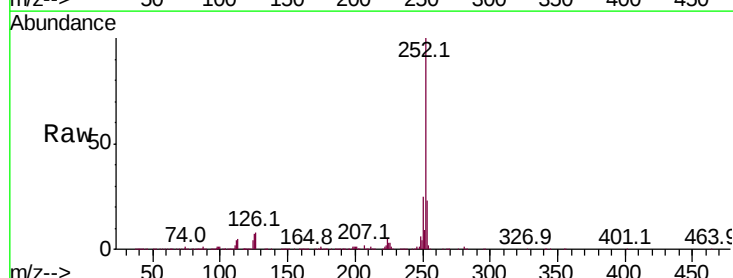
Tgt Ion:252 Resp: 1088639

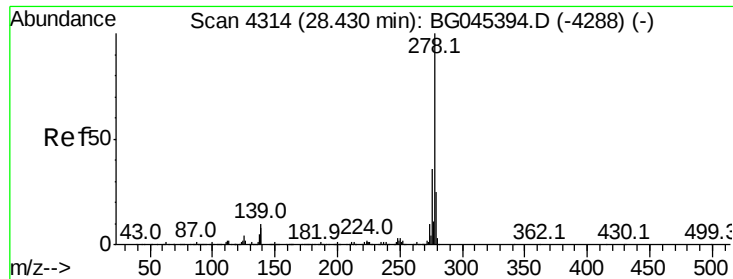
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 7.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.455 ng

RT: 28.40 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

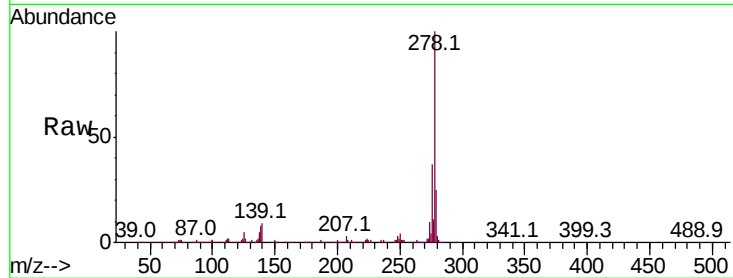
BNA_G

ClientSampleId :

PB129042BS

Tot Ion:278 Resp: 1136275

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	24.6	19.8	29.8

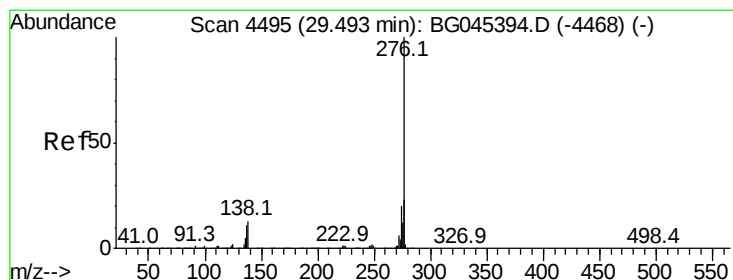
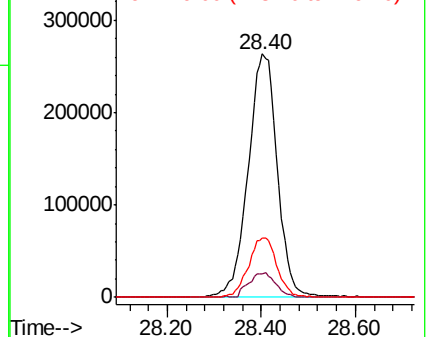
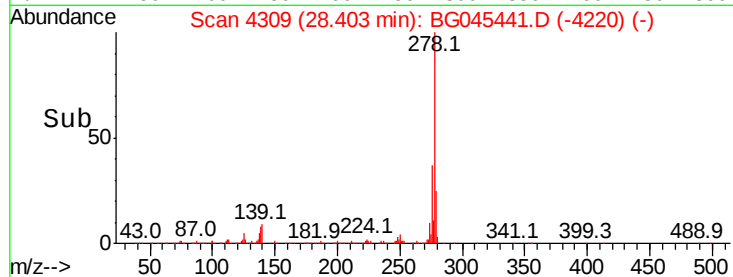


Abundance

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: 46.322 ng

RT: 29.47 min Scan# 4490

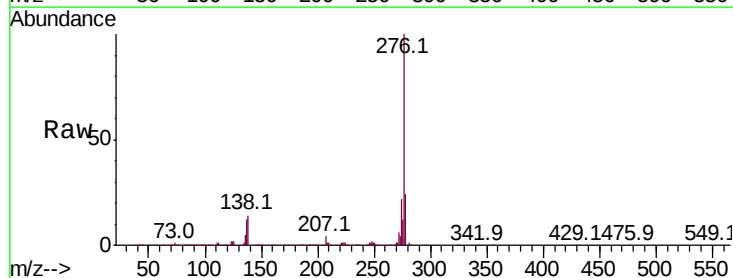
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:276 Resp: 1158091

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.1	27.1
138	13.5	10.2	15.4



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

