

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
 Data File : BG046020.D
 Acq On : 13 Jul 2020 13:15
 Operator : CG/JU
 Sample : PB130142BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Quant Time: Jul 13 14:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	162086	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	647259	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	387815	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	805051	20.00	ng	0.00
76) Chrysene-d12	21.63	240	662340	20.00	ng	0.00
86) Perylene-d12	24.78	264	692110	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1415843	141.65	ng	0.00
7) Phenol-d6	7.18	99	1920643	133.47	ng	0.01
23) Nitrobenzene-d5	9.16	82	1162980	103.42	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	505431	140.42	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2091167	84.11	ng	0.00
79) Terphenyl-d14	19.98	244	2656209	89.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	177809	38.560	ng	98
3) Pyridine	3.89	79	557783	40.004	ng	97
4) n-Nitrosodimethylamine	3.81	42	221855	47.055	ng	# 99
6) Aniline	7.33	93	656820	35.680	ng	98
8) 2-Chlorophenol	7.57	128	520723	48.397	ng	98
9) Benzaldehyde	7.14	77	192531	21.118	ng	98
10) Phenol	7.20	94	687715	47.643	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	505695	42.366	ng	98
12) 1,3-Dichlorobenzene	7.90	146	517877	41.758	ng	100
13) 1,4-Dichlorobenzene	8.04	146	511840	41.954	ng	100
14) 1,2-Dichlorobenzene	8.36	146	480207	40.898	ng	93
15) Benzyl Alcohol	8.24	79	496897	44.039	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	649610	41.712	ng	96
17) 2-Methylphenol	8.45	107	460588	42.524	ng	96
18) Hexachloroethane	9.09	117	196781	41.920	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	419690	41.516	ng	98
20) 3+4-Methylphenols	8.78	107	627889	42.535	ng	99
22) Acetophenone	8.82	105	708165	40.955	ng	# 96
24) Nitrobenzene	9.20	77	594980	47.936	ng	99
25) Isophorone	9.73	82	1096967	39.959	ng	98
26) 2-Nitrophenol	9.92	139	227185	56.156	ng	99
27) 2,4-Dimethylphenol	9.98	122	447228	45.768	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	646742	41.953	ng	99
29) 2,4-Dichlorophenol	10.46	162	473603	46.820	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	456060	40.691	ng	98
31) Naphthalene	10.86	128	1427705	41.146	ng	99
32) Benzoic acid	10.13	122	271778	45.874	ng	96
33) 4-Chloroaniline	10.96	127	358969	23.151	ng	99
34) Hexachlorobutadiene	11.16	225	256825	39.245	ng	98
35) Caprolactam	11.74	113	128376	33.426	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	548518	47.610	ng	99
37) 2-Methylnaphthalene	12.46	142	1021082	41.397	ng	100
38) 1-Methylnaphthalene	12.68	142	970820	41.705	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	442728	40.498	ng	98

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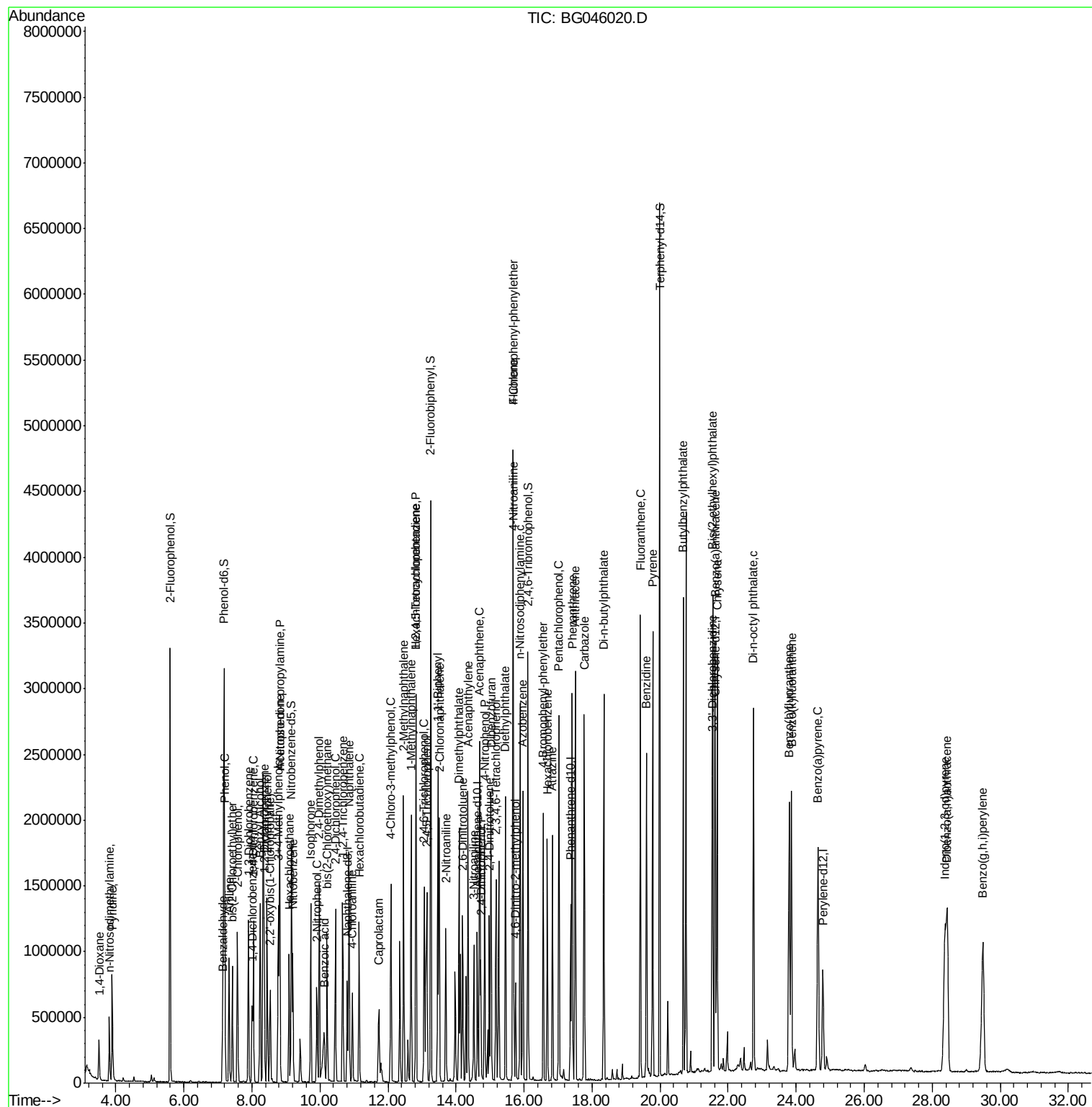
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	495029	76.313	ng	95
43) 2,4,6-Trichlorophenol	13.06	196	345759	46.766	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	371675	44.461	ng	100
46) 1,1'-Biphenyl	13.46	154	1221816	41.881	ng	99
47) 2-Chloronaphthalene	13.51	162	926047	40.231	ng	98
48) 2-Nitroaniline	13.70	65	345085	53.092	ng	99
49) Acenaphthylene	14.35	152	1522033	40.983	ng	99
50) Dimethylphthalate	14.09	163	1175469	40.388	ng	99
51) 2,6-Dinitrotoluene	14.20	165	255679	49.039	ng	96
52) Acenaphthene	14.69	154	1031882	44.050	ng	96
53) 3-Nitroaniline	14.53	138	253101	40.145	ng	# 89
54) 2,4-Dinitrophenol	14.73	184	180388	91.666	ng	88
55) Dibenzofuran	15.03	168	1392220	40.544	ng	99
56) 4-Nitrophenol	14.84	139	493771	104.133	ng	98
57) 2,4-Dinitrotoluene	14.99	165	343967	51.200	ng	98
58) Fluorene	15.68	166	1157540	41.092	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	305671	47.360	ng	99
60) Diethylphthalate	15.46	149	1229138	40.270	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	553501	39.496	ng	99
62) 4-Nitroaniline	15.69	138	307010	51.038	ng	97
63) Azobenzene	15.97	77	1385364	42.288	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	144439	51.526	ng	96
66) n-Nitrosodiphenylamine	15.88	169	1047299	41.981	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	357731	39.786	ng	99
68) Hexachlorobenzene	16.68	284	367432	40.724	ng	97
69) Atrazine	16.84	200	337073	45.700	ng	97
70) Pentachlorophenol	17.02	266	451867	90.077	ng	98
71) Phenanthrene	17.42	178	1744106	40.979	ng	98
72) Anthracene	17.51	178	1796661	41.597	ng	98
73) Carbazole	17.77	167	1714498	39.602	ng	99
74) Di-n-butylphthalate	18.35	149	2037739	38.950	ng	99
75) Fluoranthene	19.42	202	1971715	40.075	ng	98
77) Benzidine	19.60	184	1332869	70.381	ng	96
78) Pyrene	19.78	202	1944497	43.009	ng	98
80) Butylbenzylphthalate	20.68	149	955568	44.726	ng	98
81) Benzo(a)anthracene	21.61	228	1790140	41.104	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	555042	34.490	ng	99
83) Chrysene	21.68	228	1733227	41.775	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1310475	42.255	ng	100
85) Di-n-octyl phthalate	22.75	149	2259722	41.987	ng	99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2178703	43.029	ng	99
88) Benzo(b)fluoranthene	23.79	252	1909779	43.468	ng	99
89) Benzo(k)fluoranthene	23.86	252	1798840	43.300	ng	98
90) Benzo(a)pyrene	24.64	252	1760657	42.616	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	1778510	43.550	ng	99
92) Benzo(g,h,i)perylene	29.49	276	1776105	43.217	ng	98

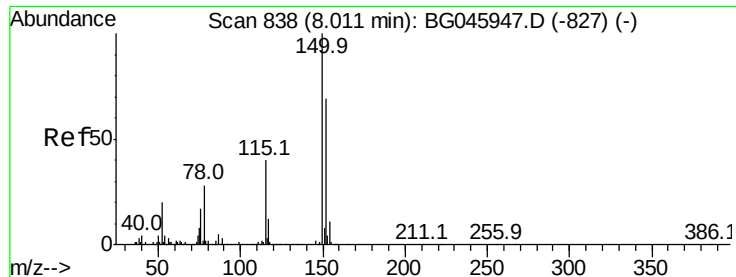
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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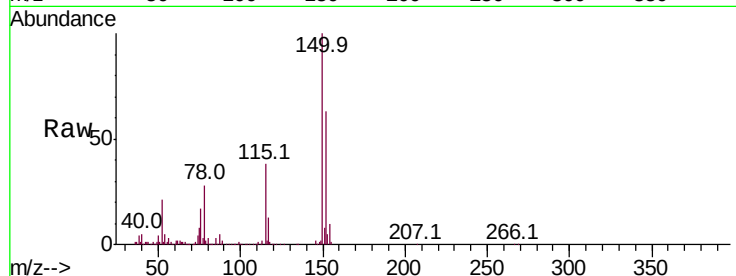


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	116.7	175.1
115	59.5	47.4	71.0

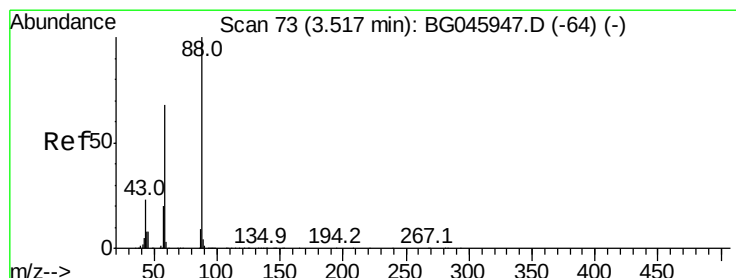
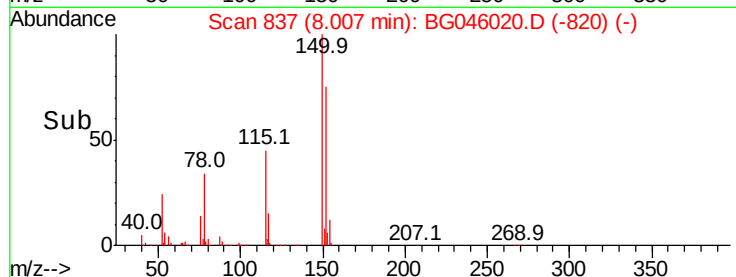
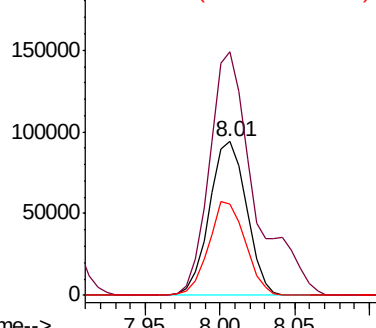


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

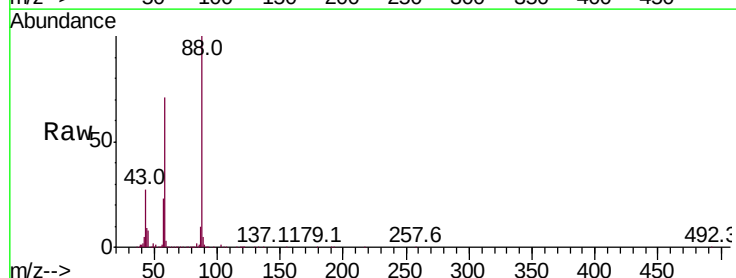
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.560 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	55.2	82.8
43	25.3	19.4	29.0

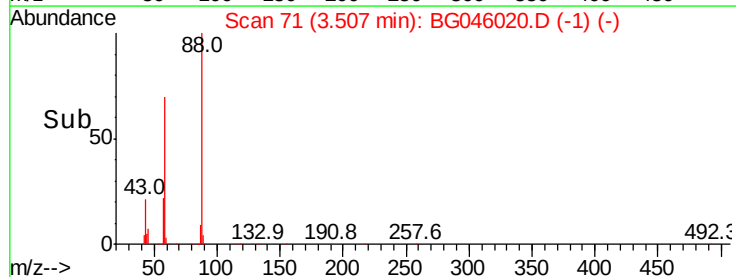
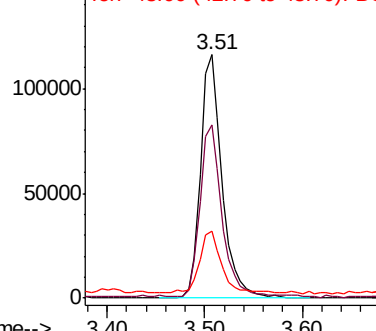


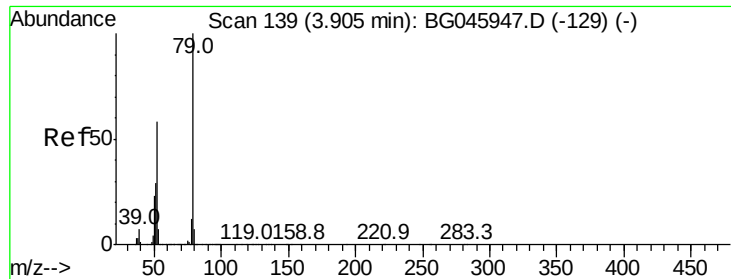
Abundance

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: 40.004 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

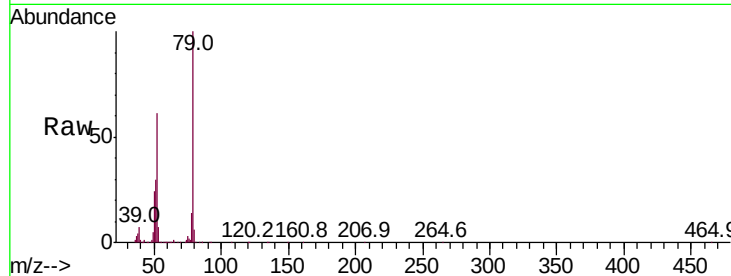
Tot Ion: 79 Resp: 557783

Ion Ratio Lower Upper

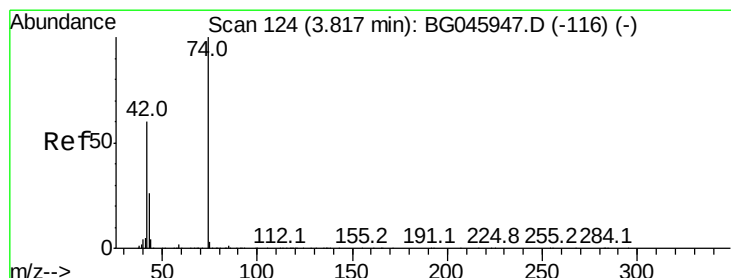
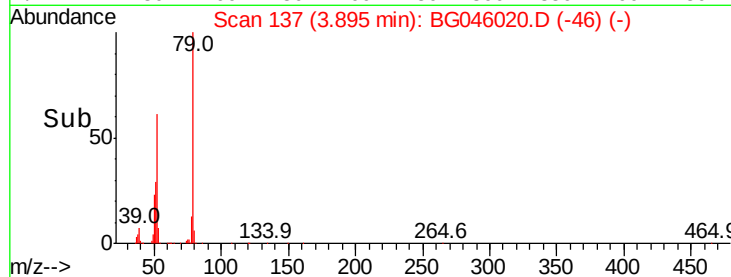
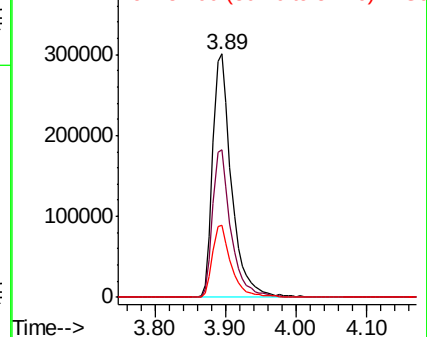
79 100

52 60.7 46.5 69.7

51 29.8 23.5 35.3



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: 47.055 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

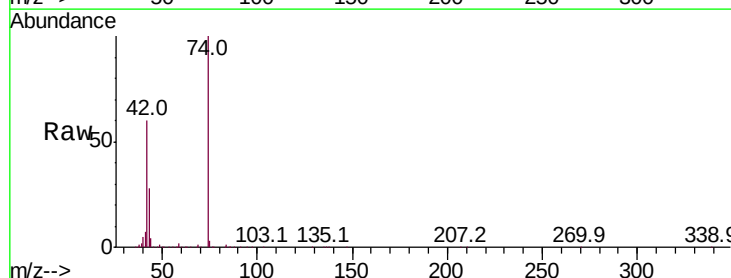
Tgt Ion: 42 Resp: 221855

Ion Ratio Lower Upper

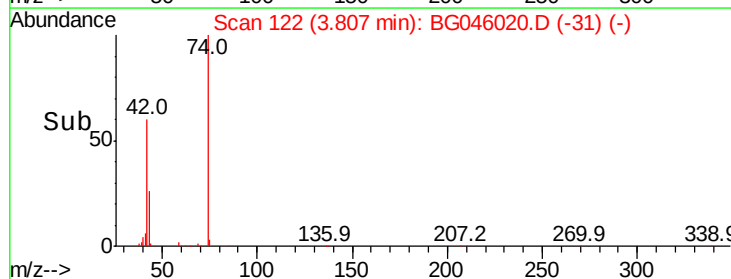
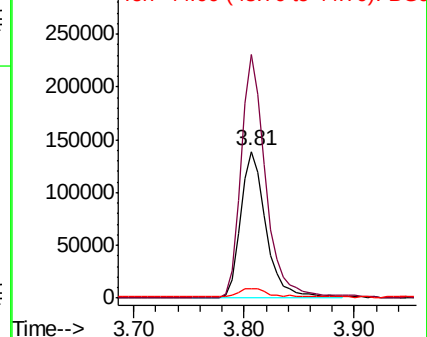
42 100

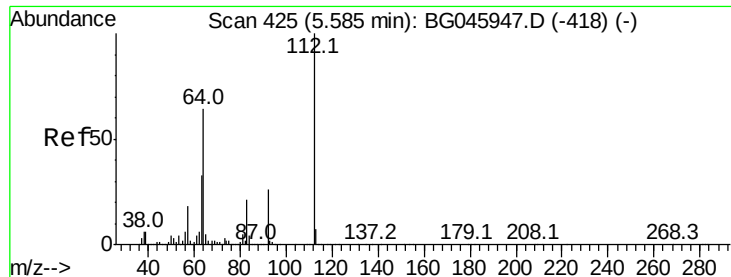
74 166.4 131.9 197.9

44 6.6 7.7 11.5#



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: 141.655 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

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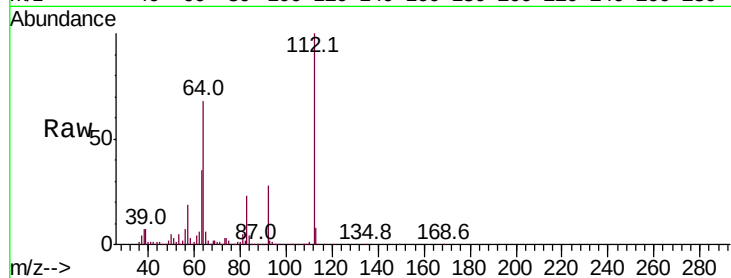
Tot Ion:112 Resp: 1415843

Ion Ratio Lower Upper

112 100

64 67.6 51.4 77.2

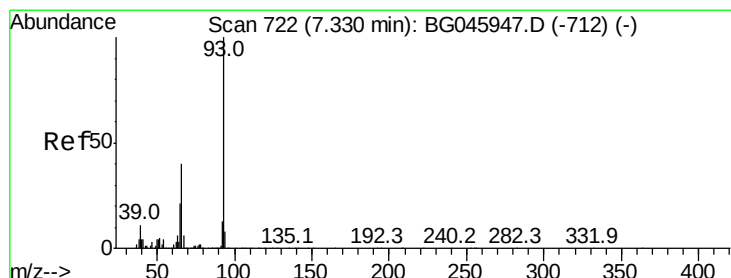
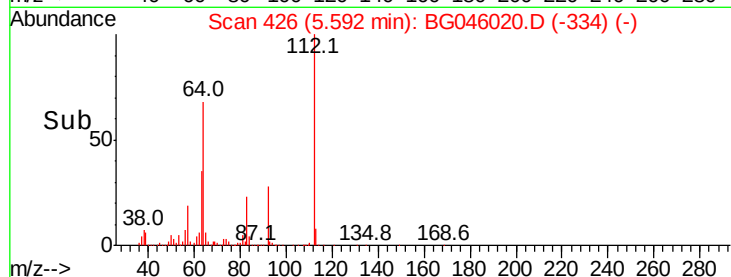
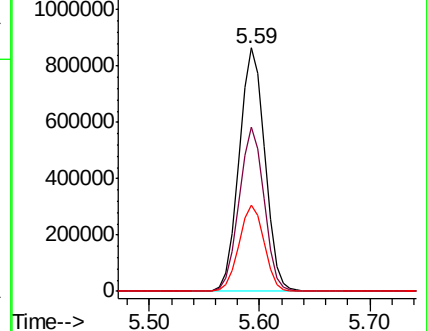
63 35.3 26.6 40.0



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: 35.680 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

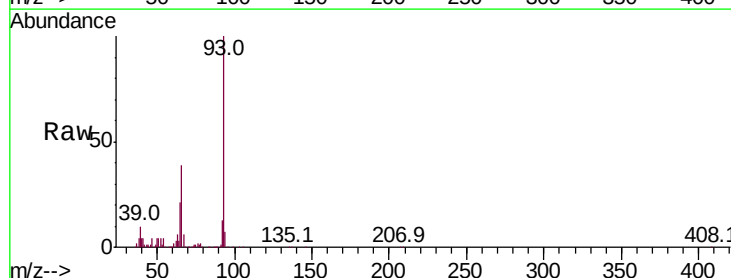
Tgt Ion: 93 Resp: 656820

Ion Ratio Lower Upper

93 100

66 38.9 32.3 48.5

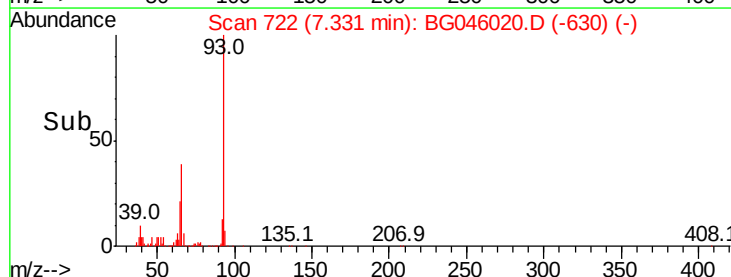
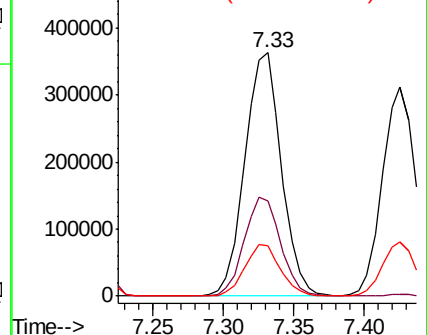
65 20.6 16.6 25.0

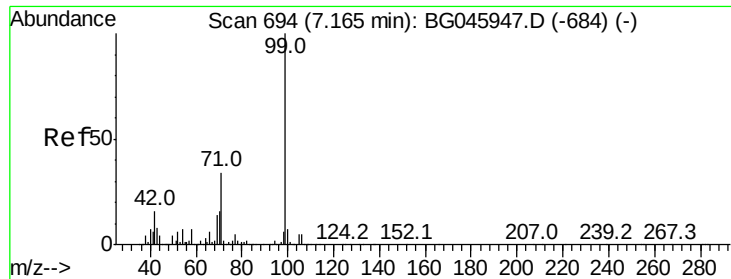


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.471 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

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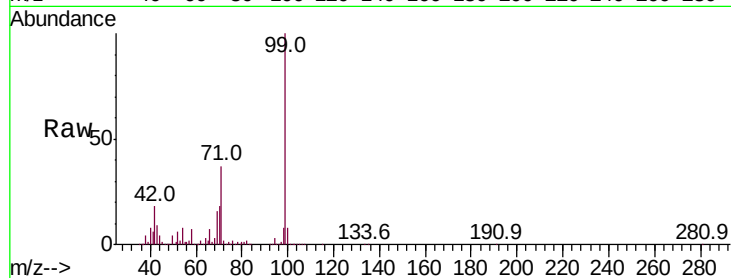
Tot Ion: 99 Resp: 1920643

Ion Ratio Lower Upper

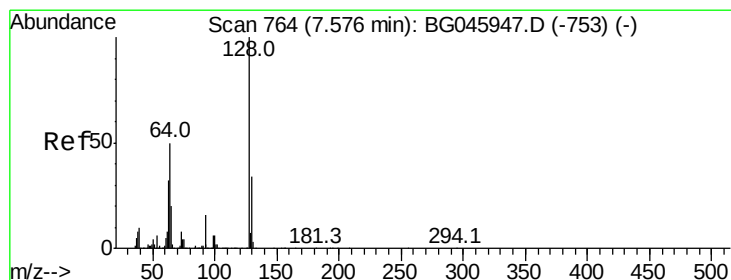
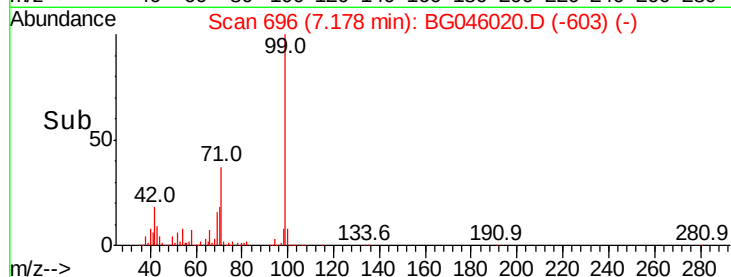
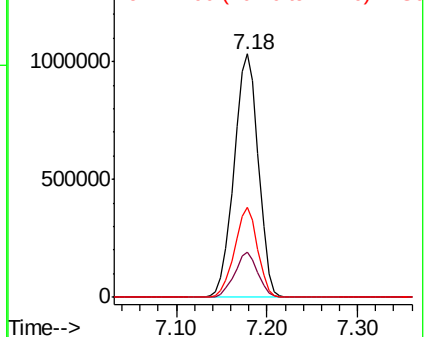
99 100

42 18.4 13.0 19.4

71 37.0 27.5 41.3



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: 48.397 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

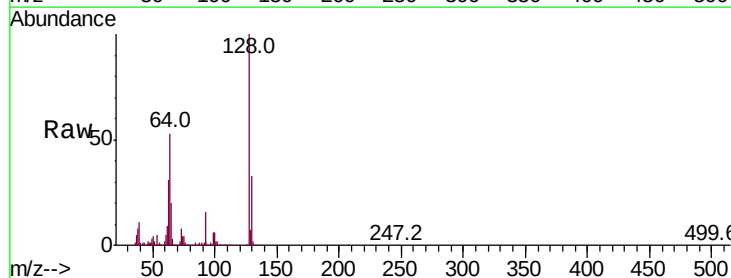
Tgt Ion:128 Resp: 520723

Ion Ratio Lower Upper

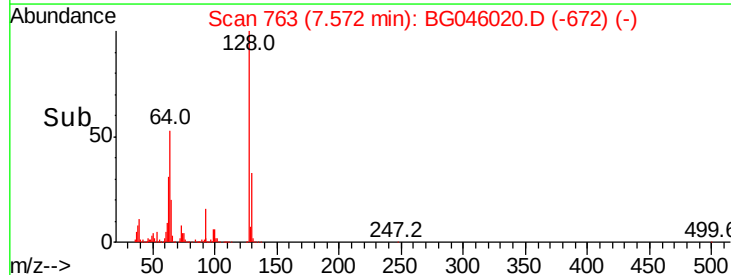
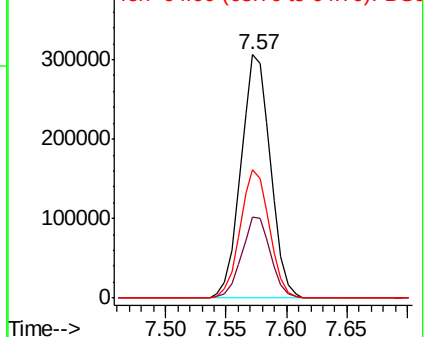
128 100

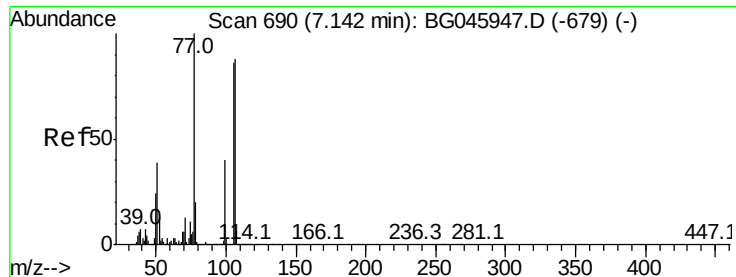
130 33.3 13.6 53.6

64 52.5 30.6 70.6



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: 21.118 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

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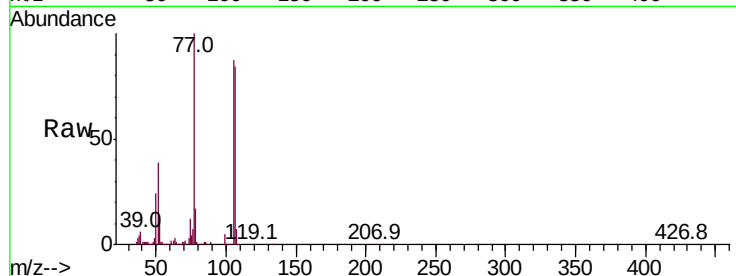
Tot Ion: 77 Resp: 192531

Ion Ratio Lower Upper

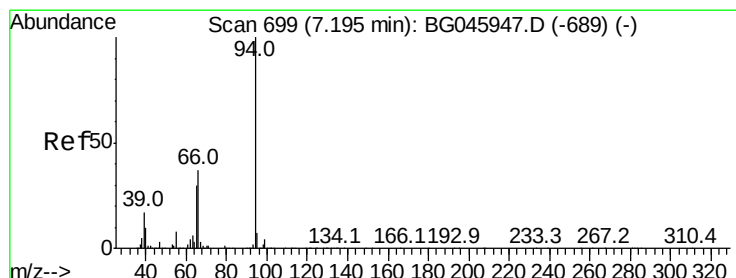
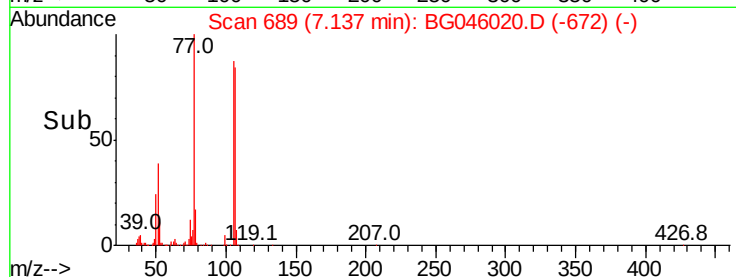
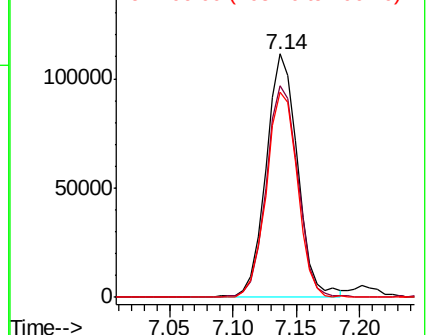
77 100

105 87.1 66.0 106.0

106 84.2 67.7 107.7



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: 47.643 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

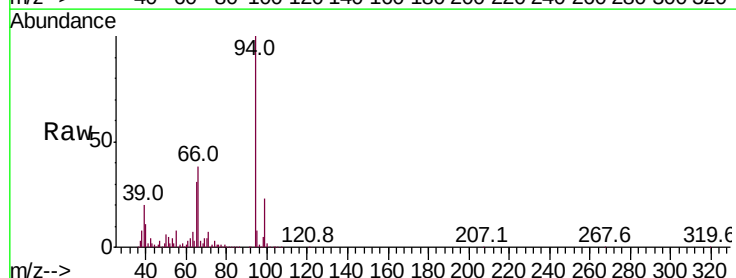
Tgt Ion: 94 Resp: 687715

Ion Ratio Lower Upper

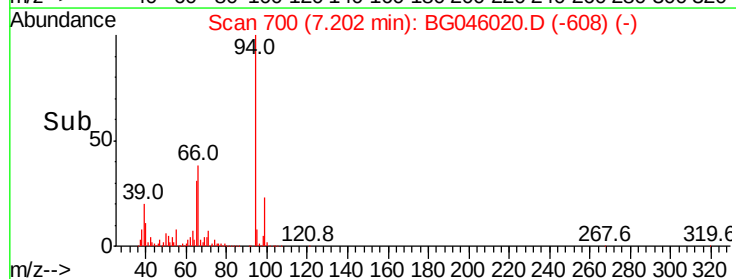
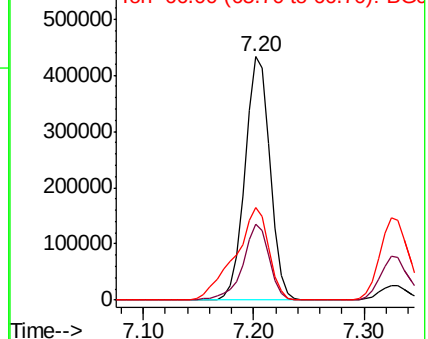
94 100

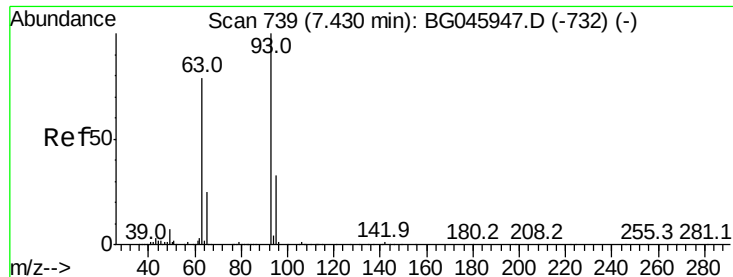
65 31.3 10.6 50.6

66 38.0 17.1 57.1



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

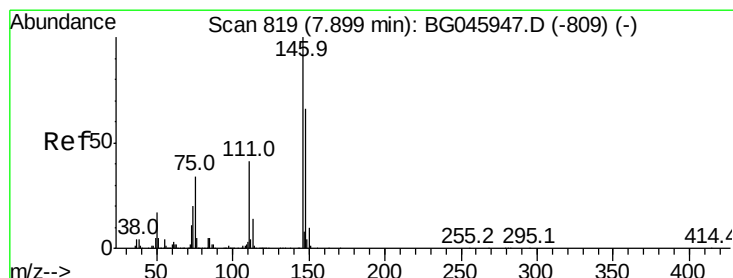
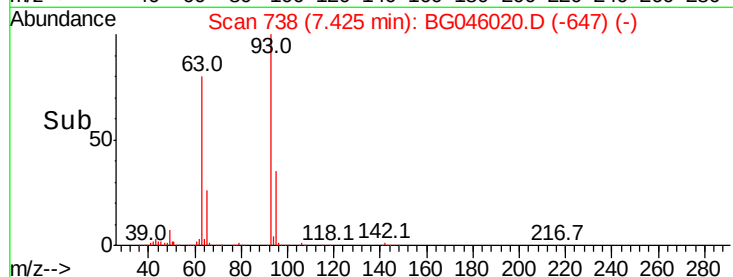
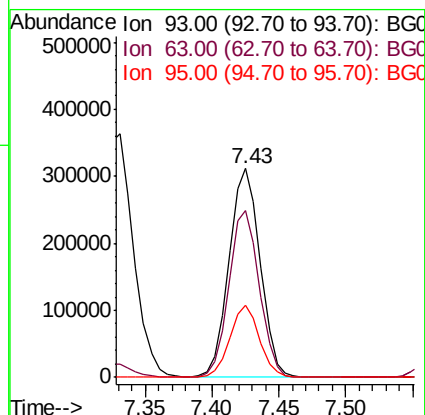
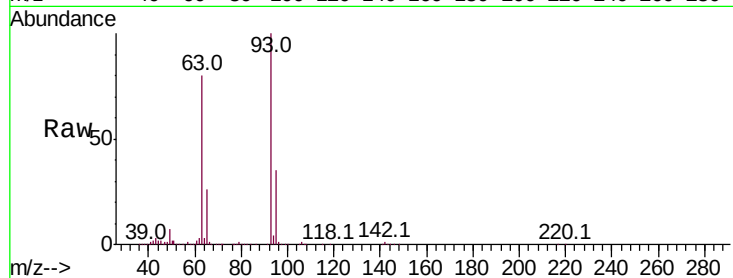




#11
bis(2-Chloroethyl)ether
Concen: 42.366 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

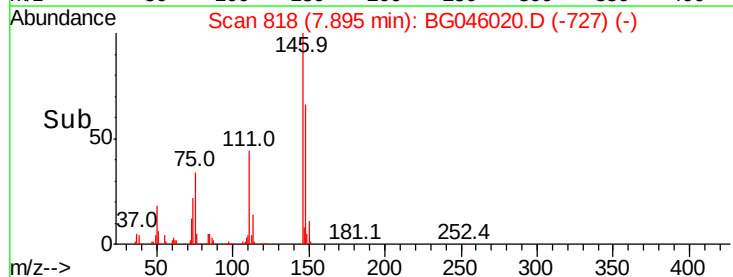
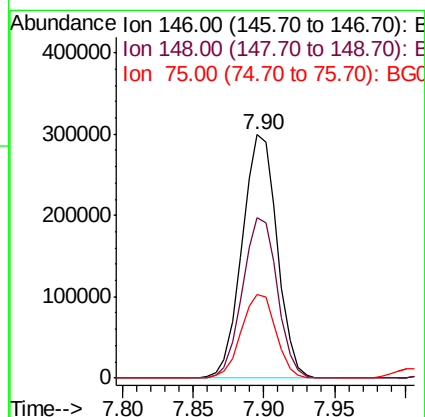
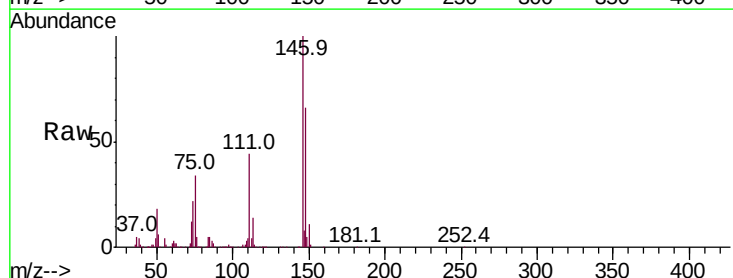
Instrument :
BNA_G
ClientSampleId :
PB130142BS

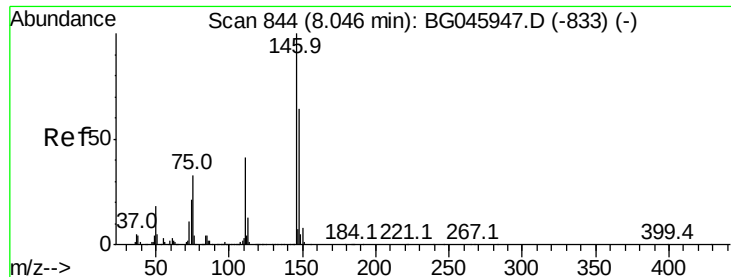
Tot Ion:	93	Resp:	505695
Ion	Ratio	Lower	Upper
93	100		
63	79.6	58.6	98.6
95	34.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.758 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:	146	Resp:	517877
Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.8	79.2
75	34.1	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 41.954 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

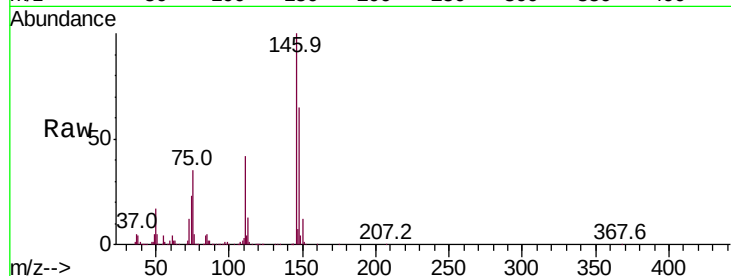
Tot Ion:146 Resp: 511840

Ion Ratio Lower Upper

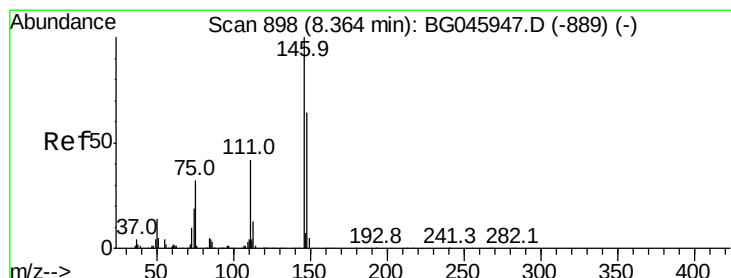
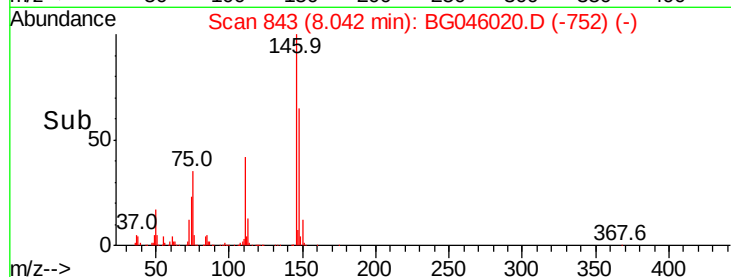
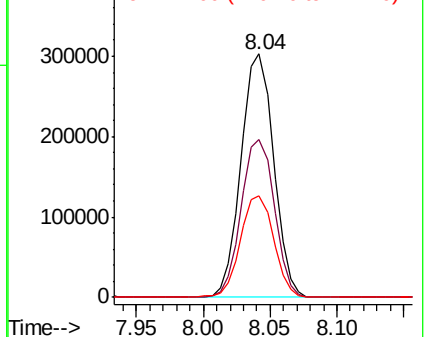
146 100

148 64.6 51.7 77.5

111 41.9 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.898 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

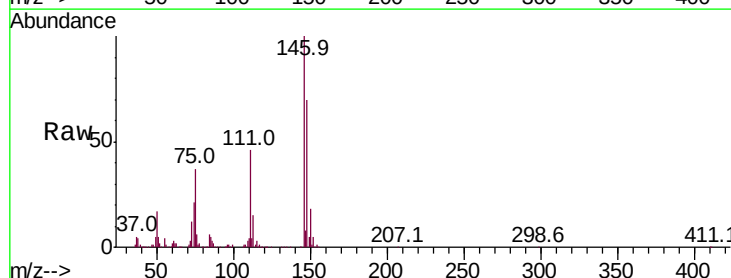
Tgt Ion:146 Resp: 480207

Ion Ratio Lower Upper

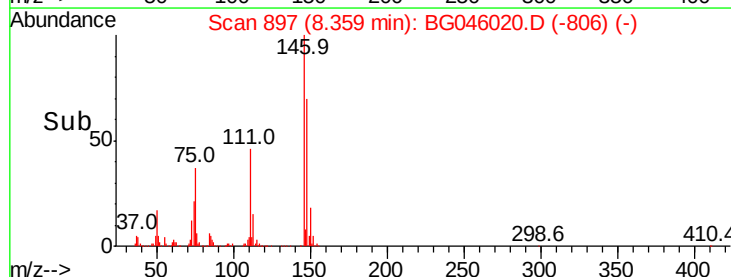
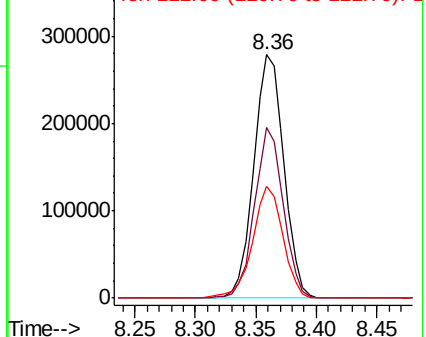
146 100

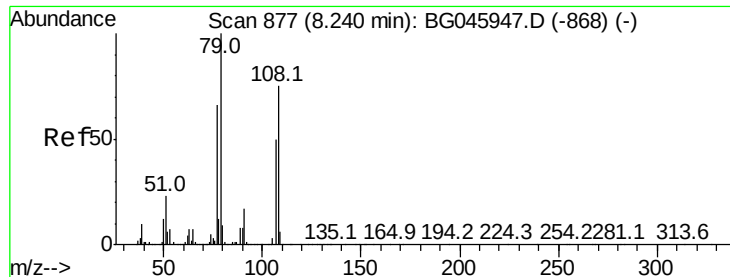
148 70.3 51.6 77.4

111 45.9 34.0 51.0



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

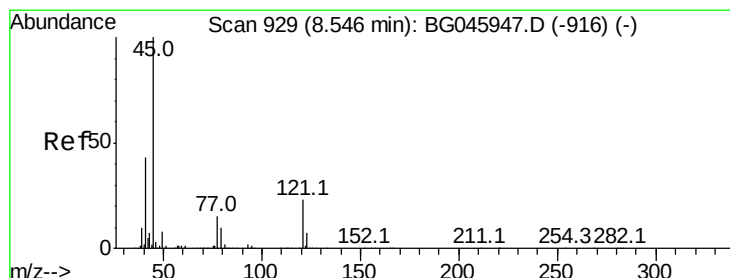
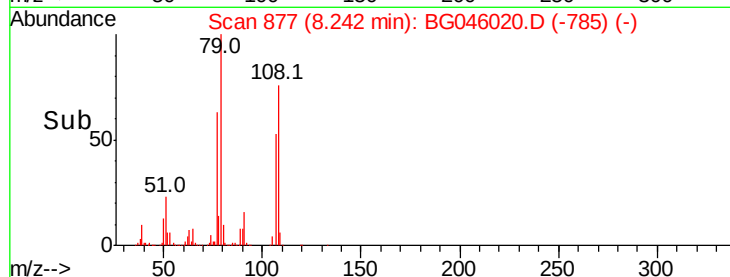
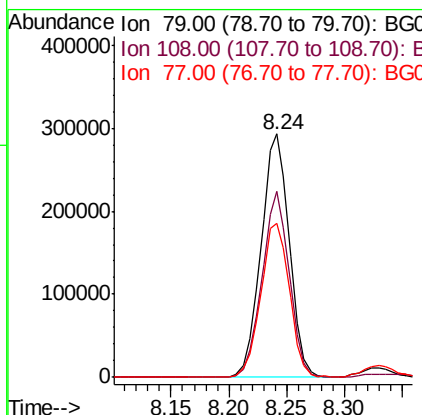
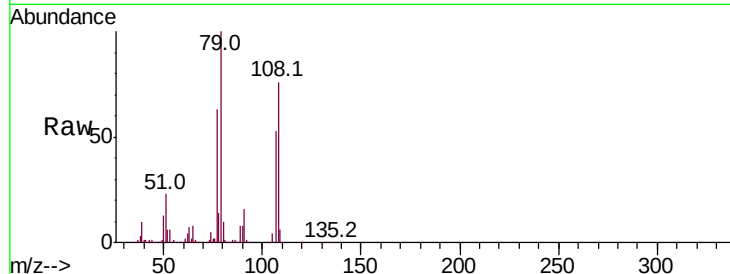




#15
Benzyl Alcohol
Concen: 44.039 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

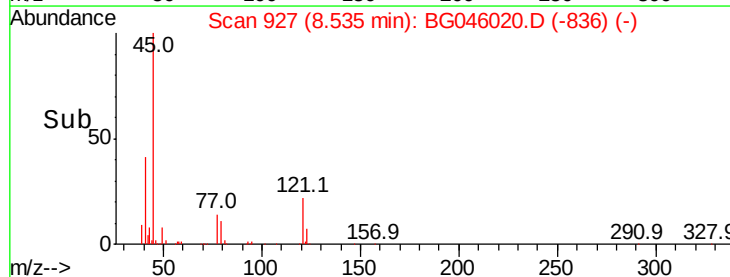
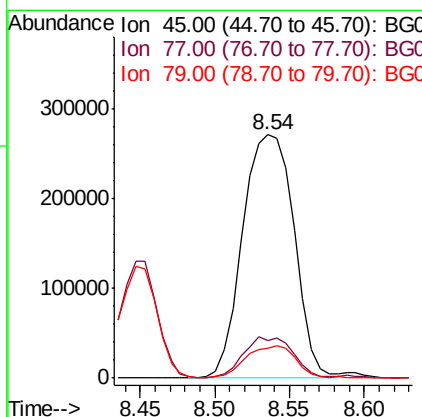
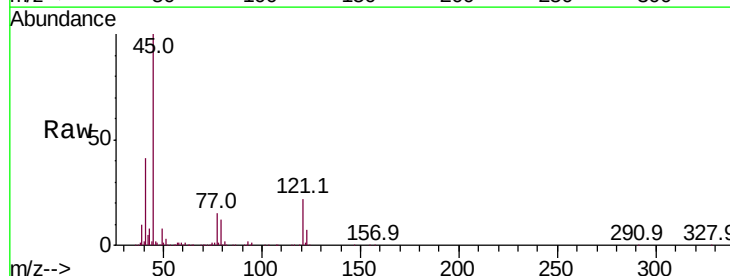
Instrument :
BNA_G
ClientSampleId :
PB130142BS

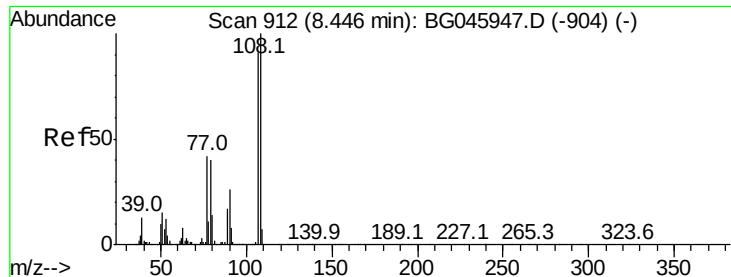
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	60.2	90.4
77	63.1	52.9	79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.712 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	37.6
79	12.1	0.0	32.6

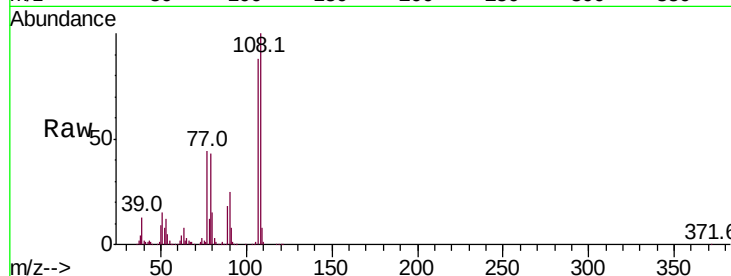




#17
2-Methylphenol
Concen: 42.524 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion:	107	Resp:	460588
Ion	Ratio	Lower	Upper
107	100		
108	113.0	88.2	132.4
77	50.2	37.0	55.4
79	48.1	35.4	53.0



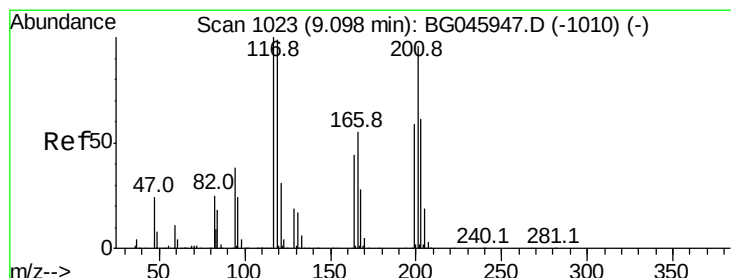
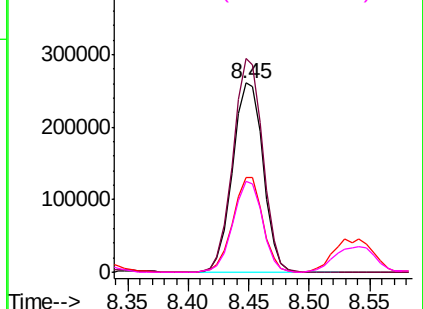
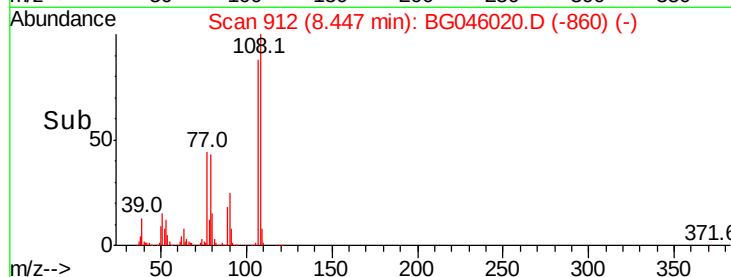
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

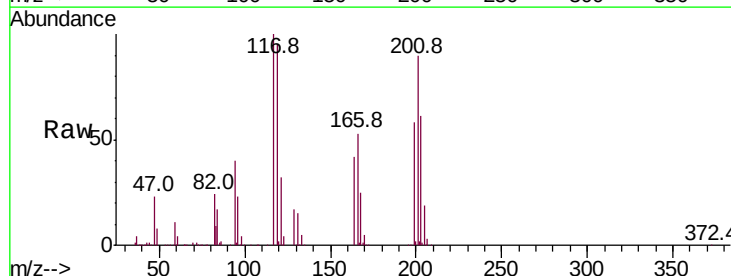
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.920 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:	117	Resp:	196781
Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.5	119.3
201	90.1	77.0	115.4

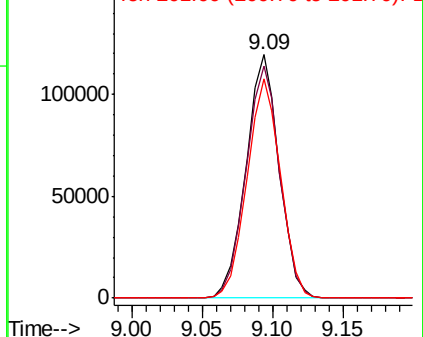
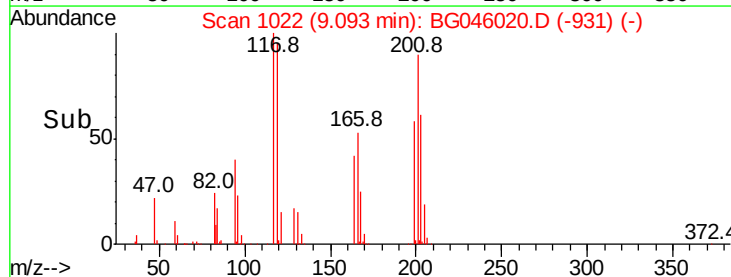


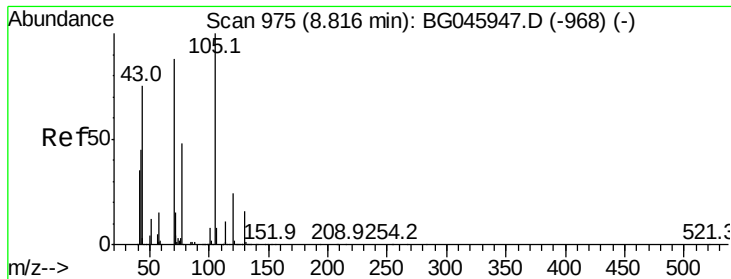
Abundance

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

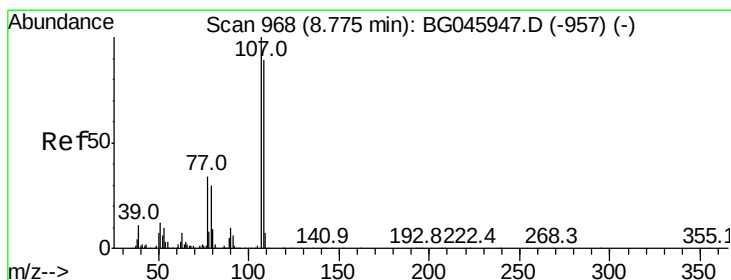
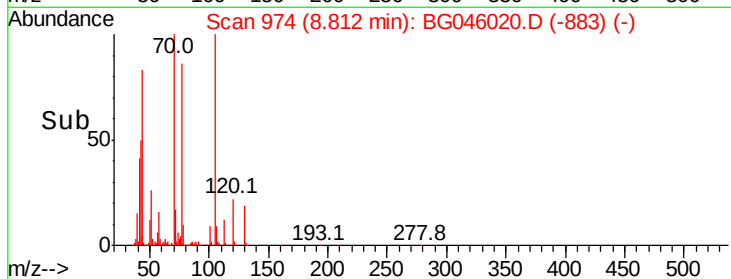
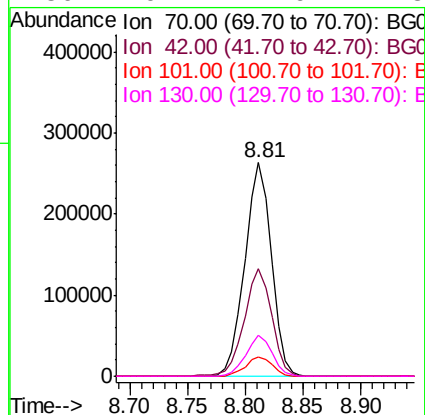
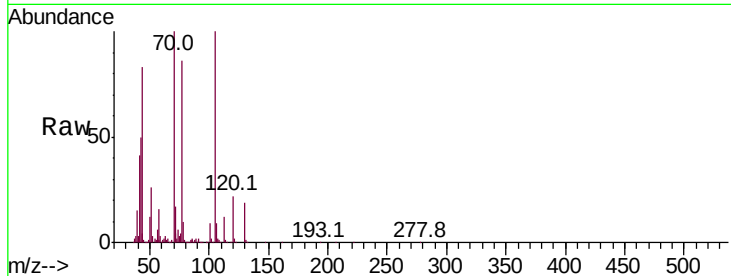




#19
n-Nitroso-di-n-propylamine
Concen: 41.516 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

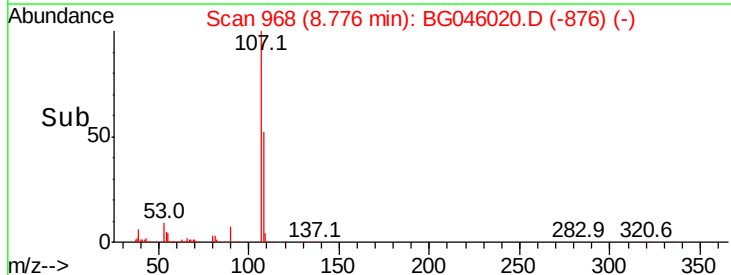
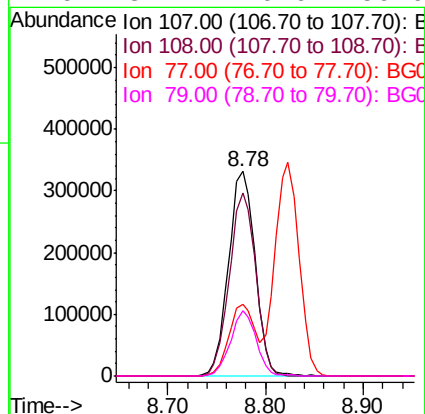
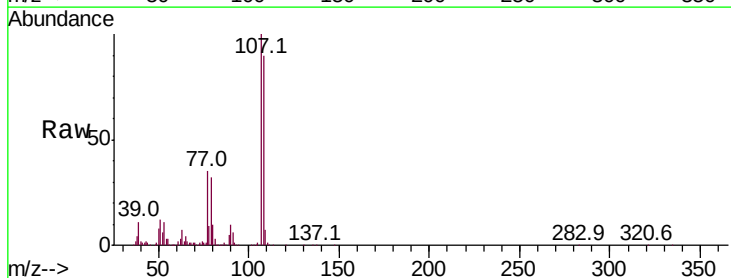
Instrument :
BNA_G
ClientSampleId :
PB130142BS

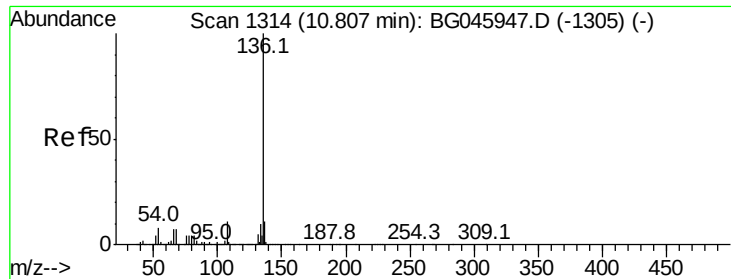
Tot Ion:	70	Resp:	419690
Ion	Ratio	Lower	Upper
70	100		
42	50.4	41.4	62.0
101	8.8	7.1	10.7
130	19.4	14.9	22.3



#20
3+4-Methylphenols
Concen: 42.535 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:	107	Resp:	627889
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.7	108.7
77	35.0	14.6	54.6
79	31.7	10.6	50.6

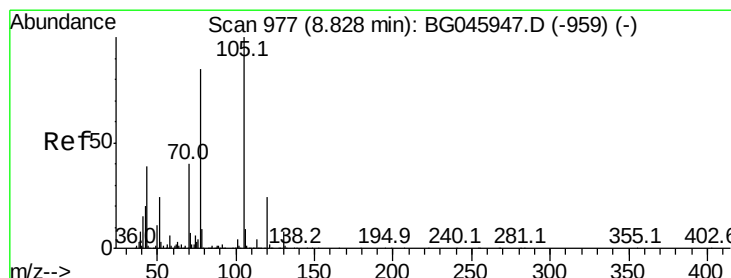
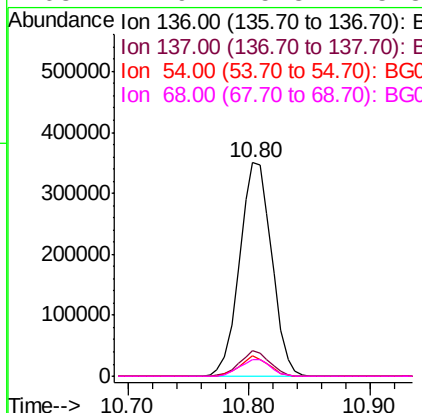
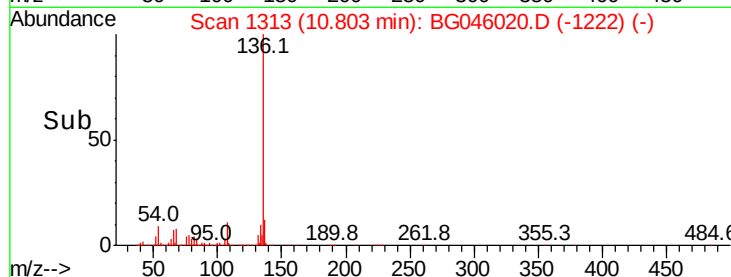
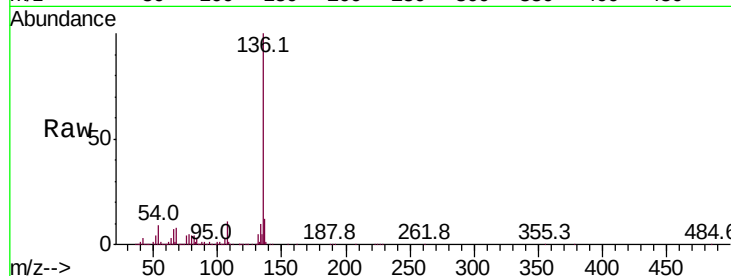




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

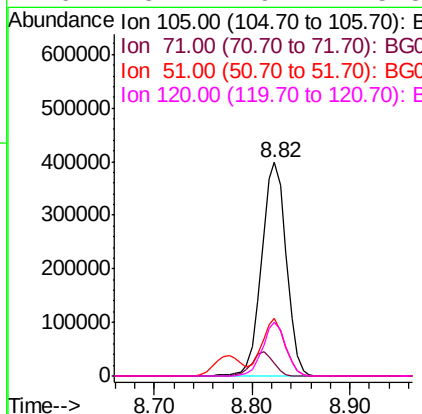
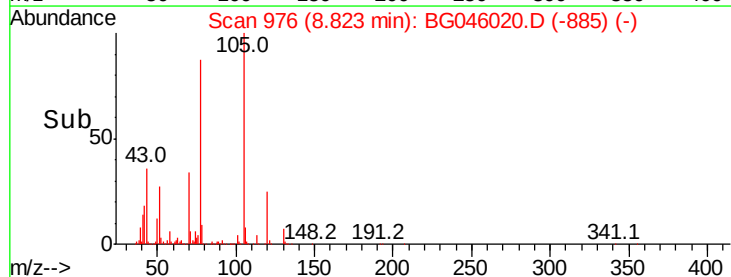
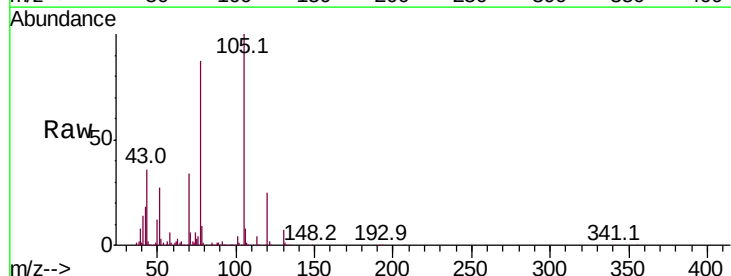
Instrument :
BNA_G
ClientSampleId :
PB130142BS

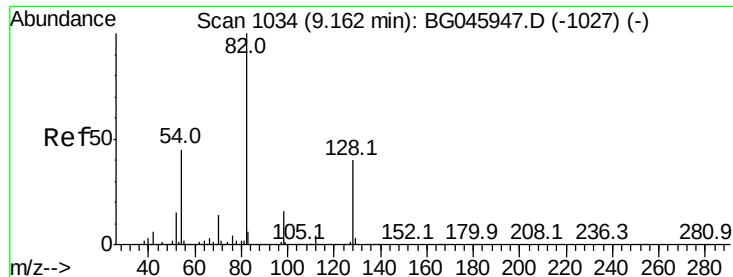
Tot Ion:136	Resp:	647259	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.2	13.8	
54 9.3	6.2	9.4	
68 7.9	5.8	8.8	



#22
Acetophenone
Concen: 40.955 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt	Ion:105	Resp:	708165
Ion	Ratio	Lower	Upper
105	100		
71	6.1	6.2	9.2#
51	26.7	19.7	29.5
120	25.2	19.2	28.8





#23

Nitrobenzene-d5

Concen: 103.419 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

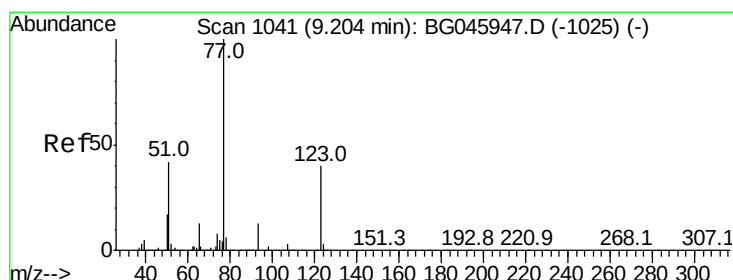
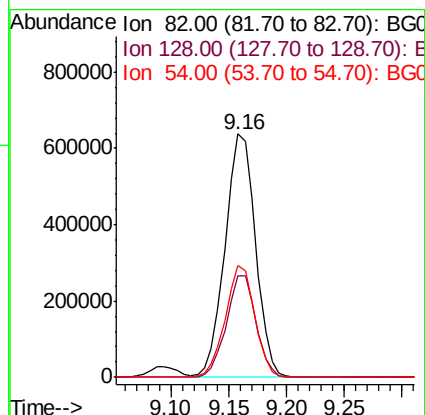
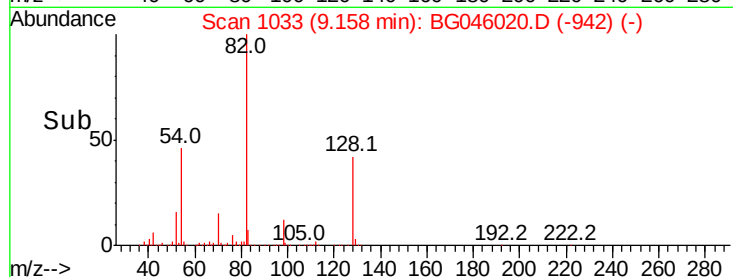
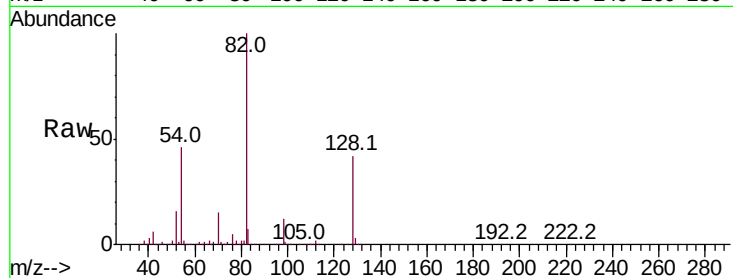
Tot Ion: 82 Resp: 1162980

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.4

54 45.7 35.8 53.6



#24

Nitrobenzene

Concen: 47.936 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

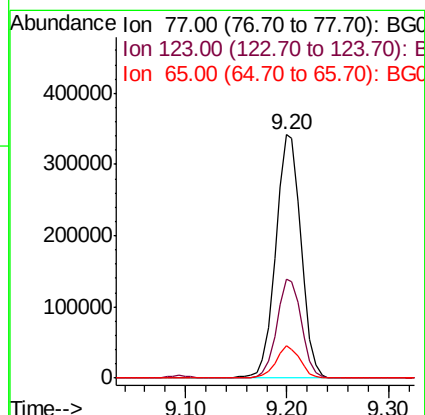
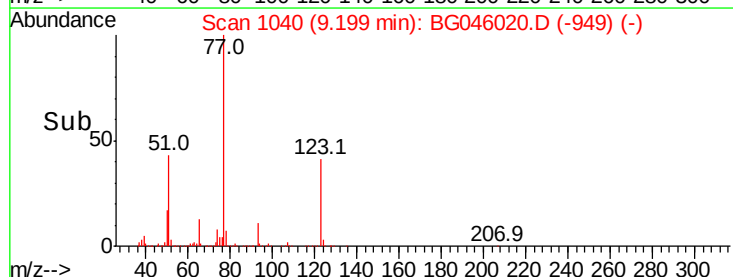
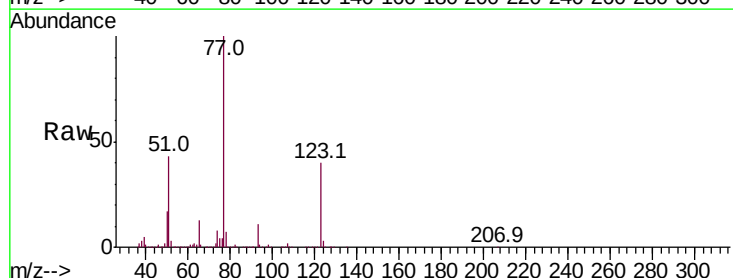
Tgt Ion: 77 Resp: 594980

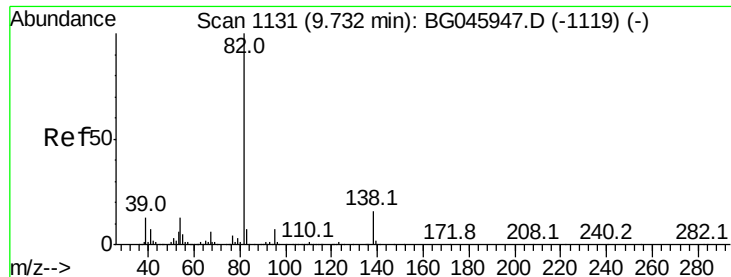
Ion Ratio Lower Upper

77 100

123 40.5 32.7 49.1

65 13.3 10.2 15.4

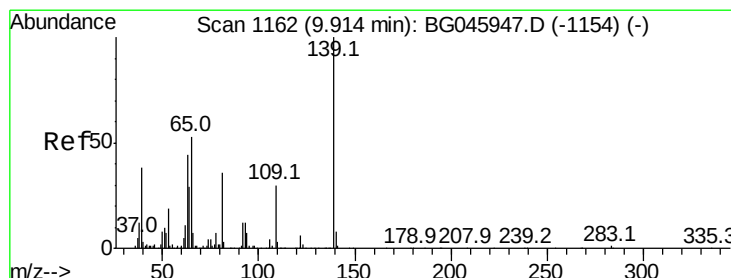
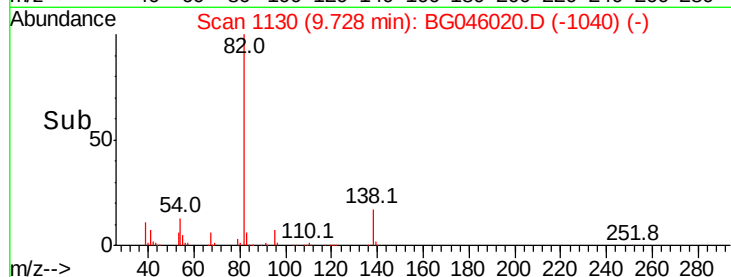
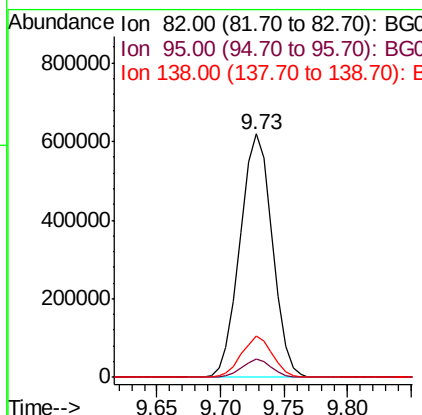
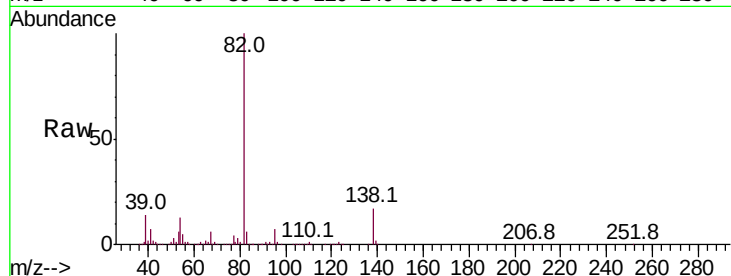




#25
Isophorone
Concen: 39.959 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

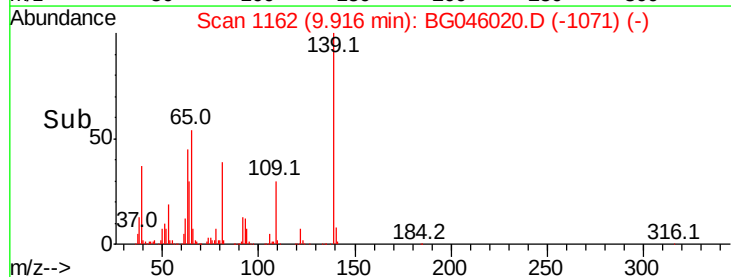
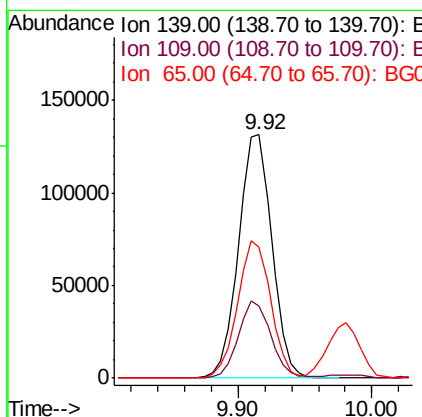
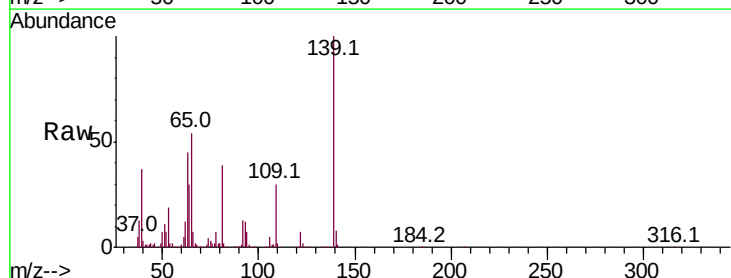
Instrument :
BNA_G
ClientSampleId :
PB130142BS

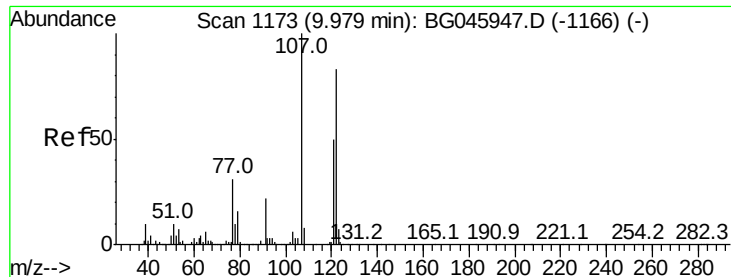
Tot Ion: 82 Resp: 1096967
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.1 12.9 19.3



#26
2-Nitrophenol
Concen: 56.156 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion: 139 Resp: 227185
Ion Ratio Lower Upper
139 100
109 29.7 24.6 37.0
65 53.7 42.6 64.0

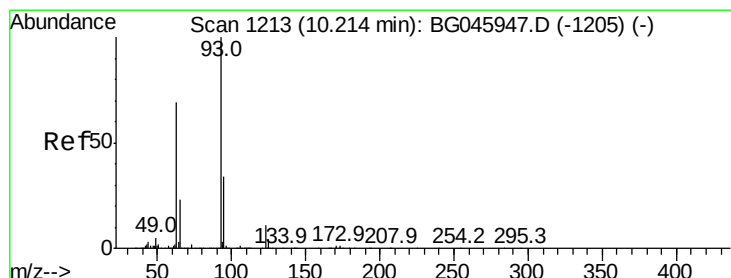
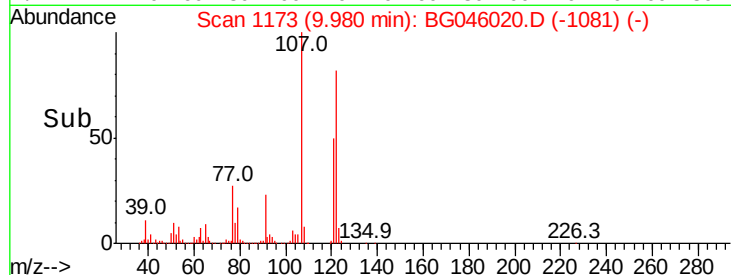
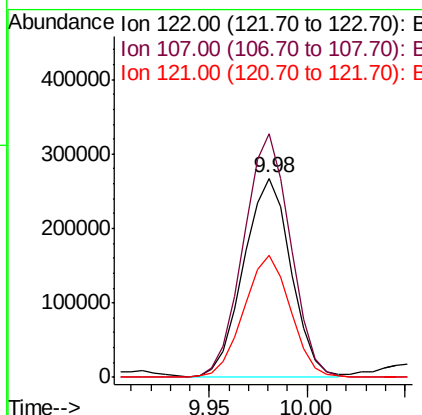
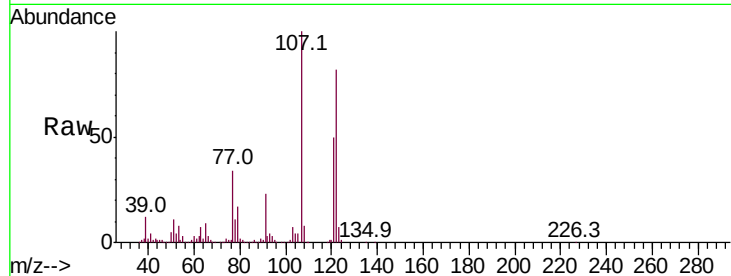




#27
 2,4-Dimethylphenol
 Concen: 45.768 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

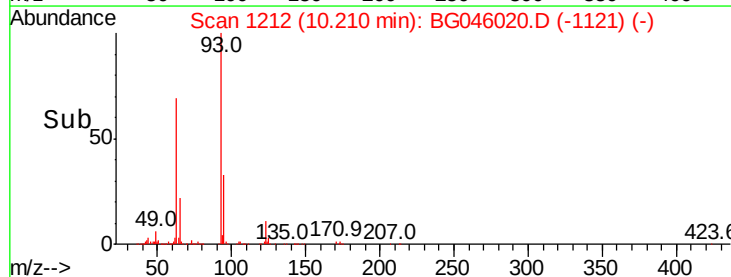
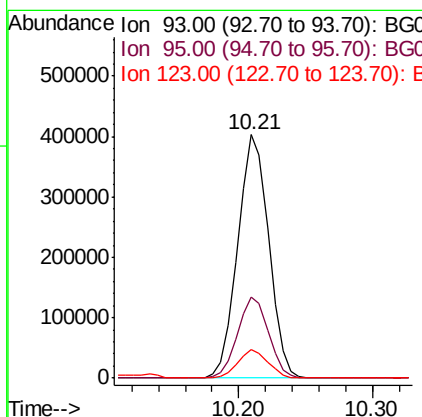
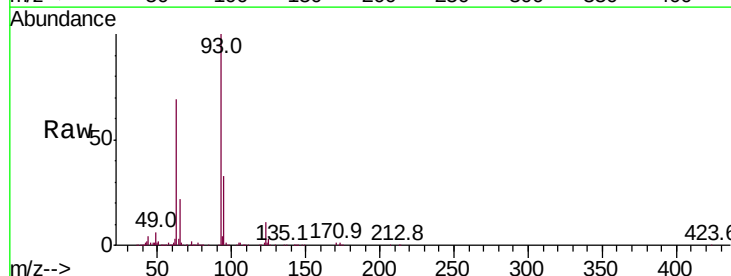
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

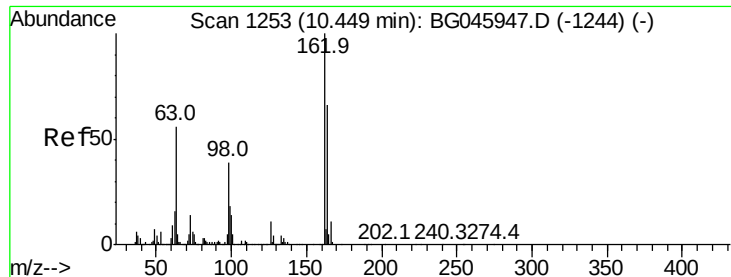
Tot Ion:122 Resp: 447228
 Ion Ratio Lower Upper
 122 100
 107 122.5 95.6 143.4
 121 61.7 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.953 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion: 93 Resp: 646742
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.5 41.3
 123 11.5 9.2 13.8

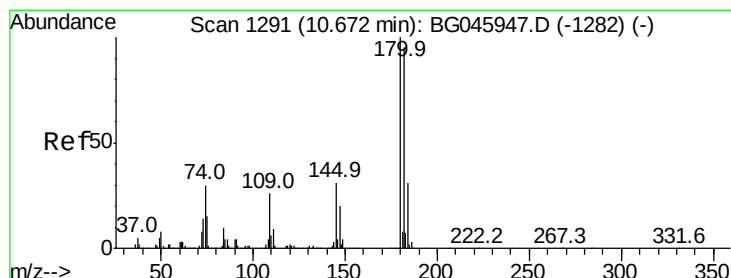
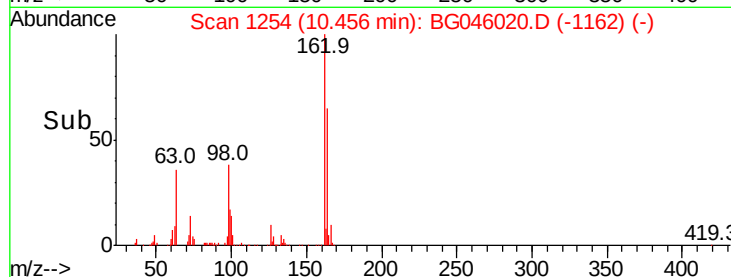
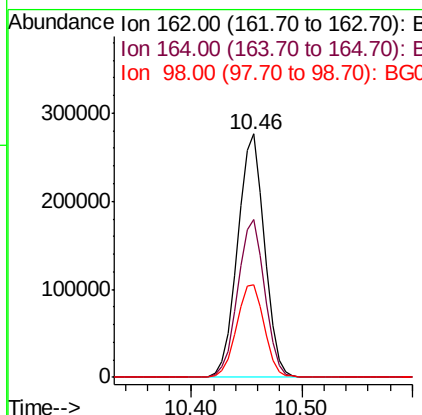
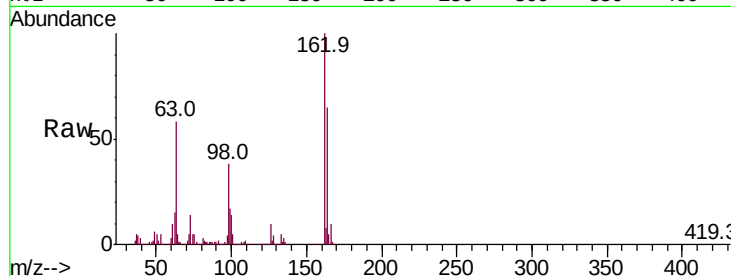




#29
 2,4-Dichlorophenol
 Concen: 46.820 ng
 RT: 10.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

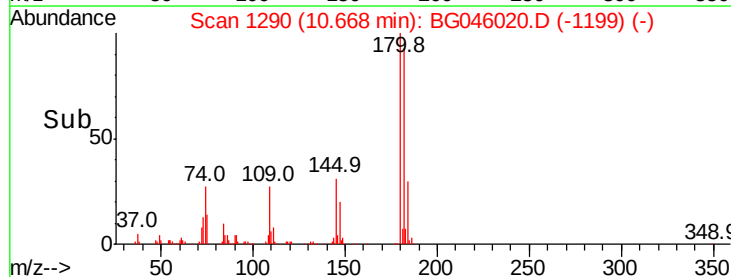
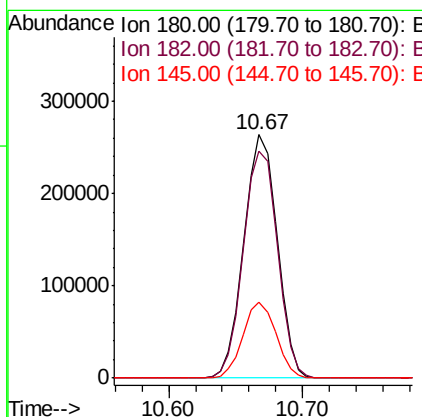
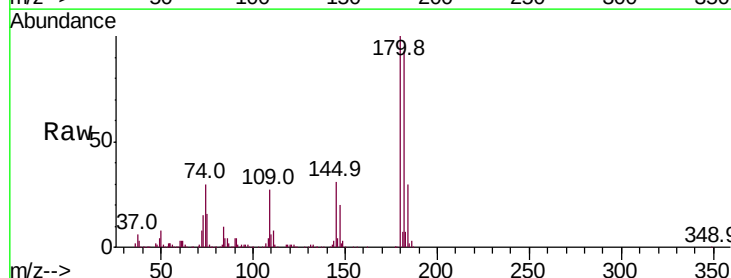
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

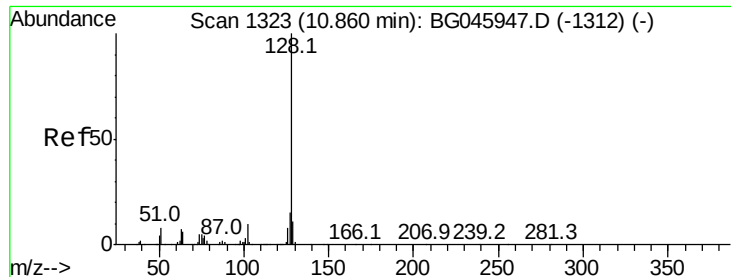
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.0	86.0
98	38.1	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.691 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.3	114.5
145	31.4	24.8	37.2

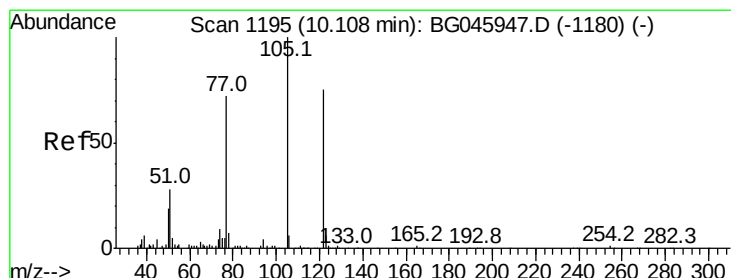
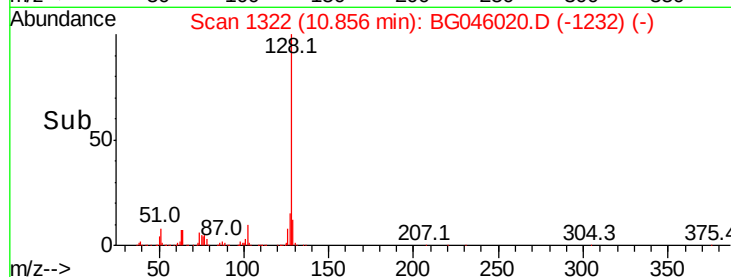
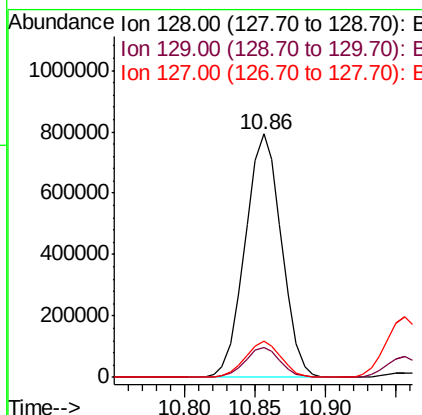
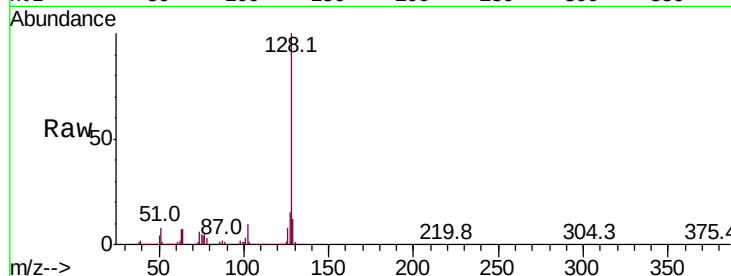




#31
Naphthalene
Concen: 41.146 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

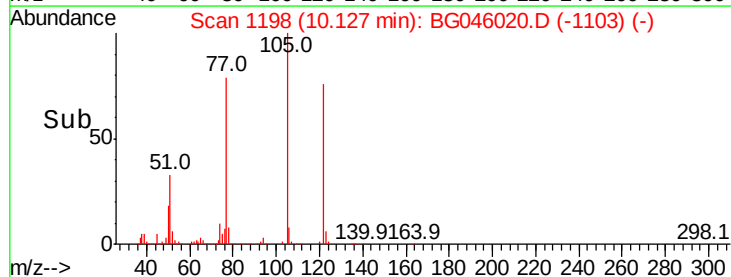
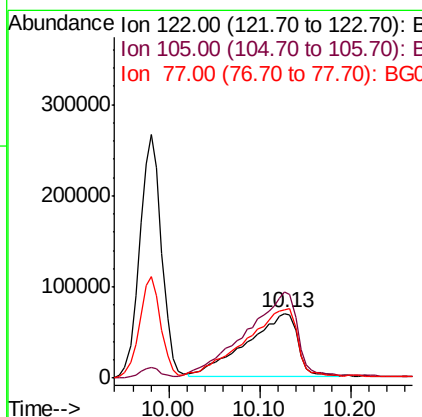
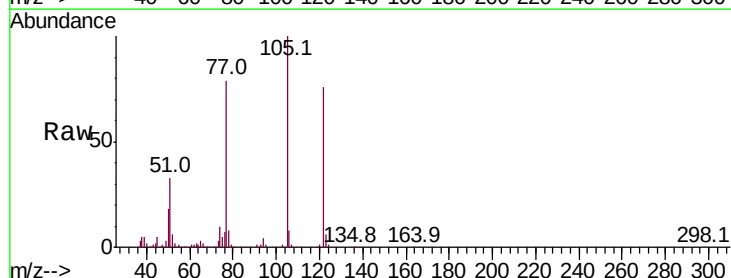
Instrument :
BNA_G
ClientSampleId :
PB130142BS

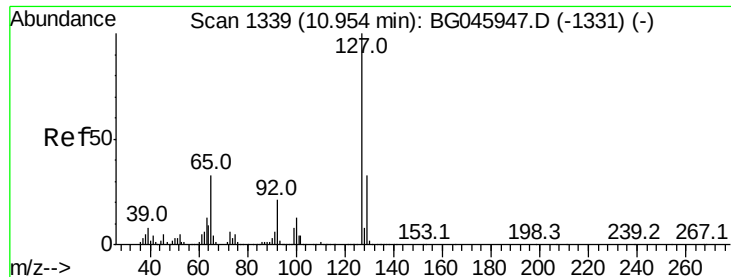
Tot Ion:128 Resp: 1427705
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 14.8 11.8 17.6



#32
Benzoic acid
Concen: 45.874 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.03 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:122 Resp: 271778
Ion Ratio Lower Upper
122 100
105 131.8 110.8 150.8
77 104.4 76.4 116.4

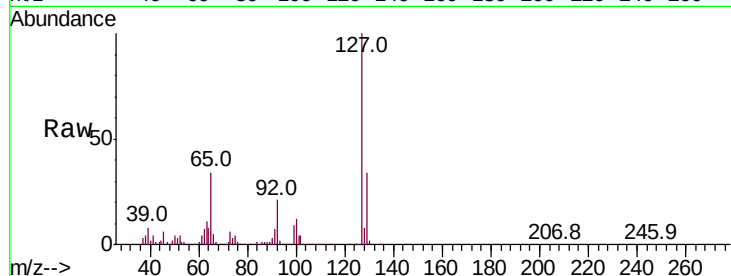




#33
4-Chloroaniline
Concen: 23.151 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion:	127	Resp:	358969
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	34.0	26.8	40.2
92	20.5	17.0	25.4



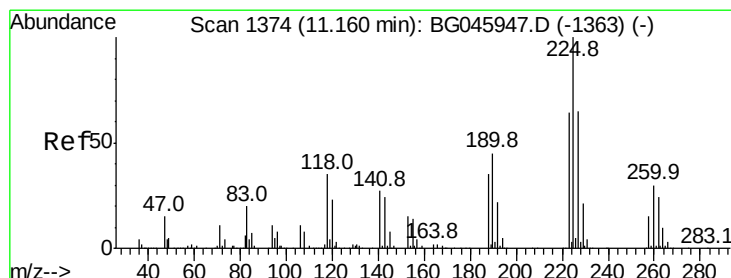
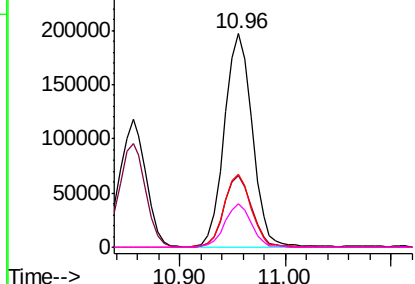
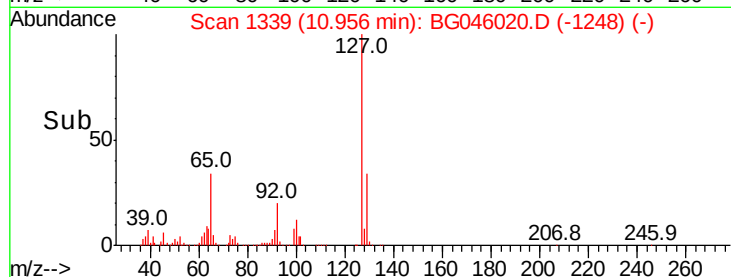
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

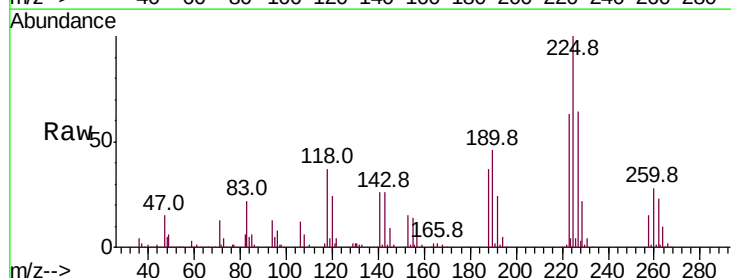
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:	225	Resp:	256825
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.2	76.8
227	63.5	52.3	78.5

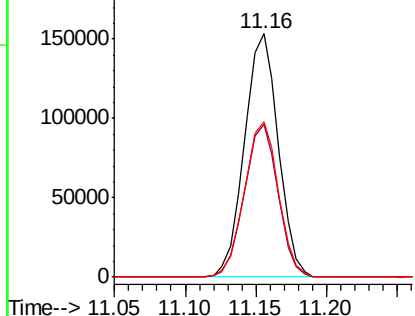
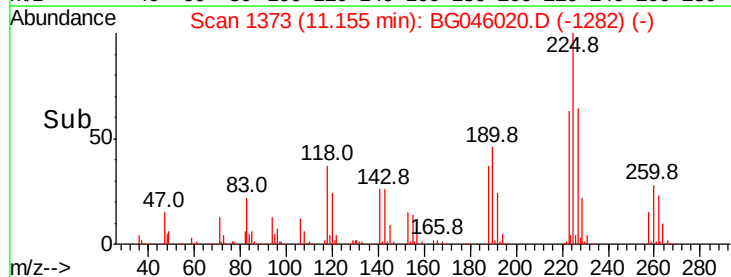


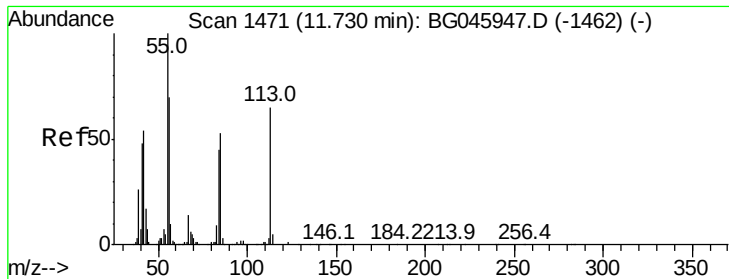
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.426 ng

RT: 11.74 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

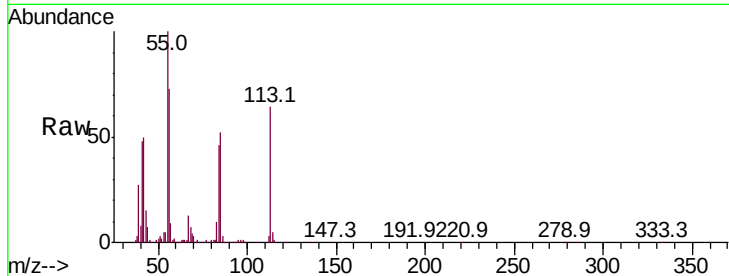
Tot Ion:113 Resp: 128376

Ion Ratio Lower Upper

113 100

55 156.6 141.6 181.6

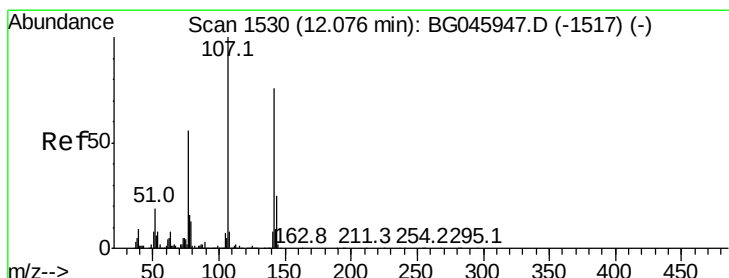
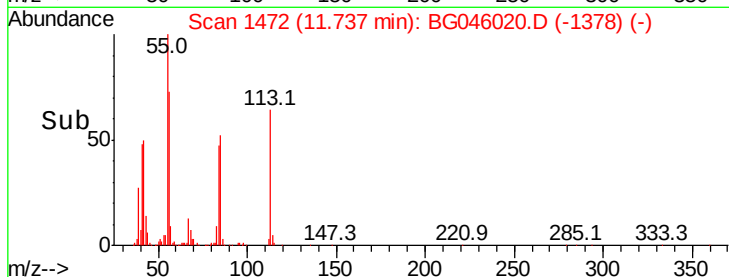
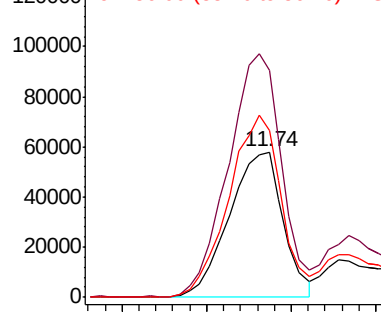
56 114.7 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.610 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

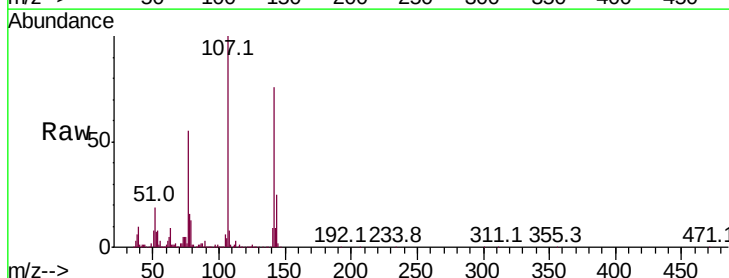
Tgt Ion:107 Resp: 548518

Ion Ratio Lower Upper

107 100

144 24.5 20.0 30.0

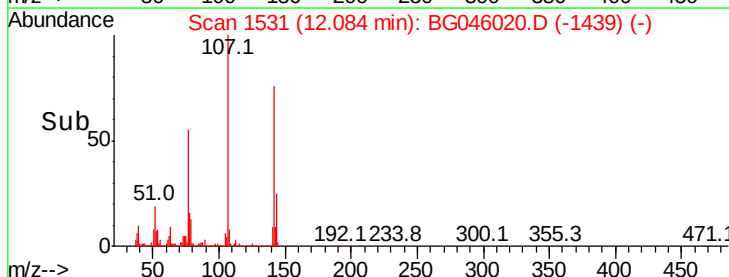
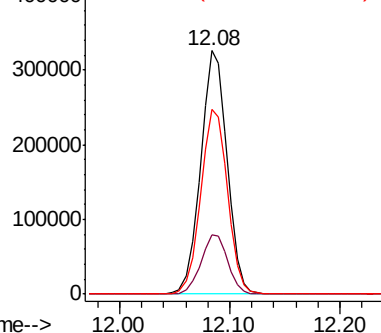
142 75.9 61.1 91.7

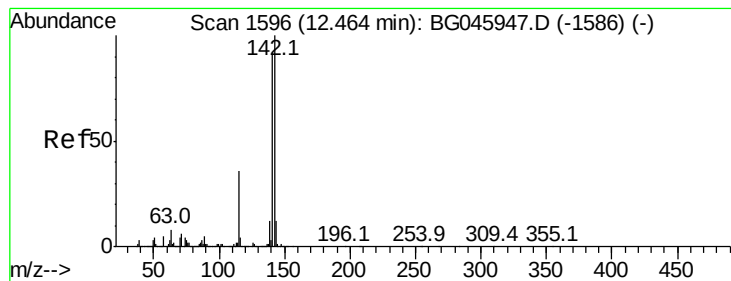


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.397 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

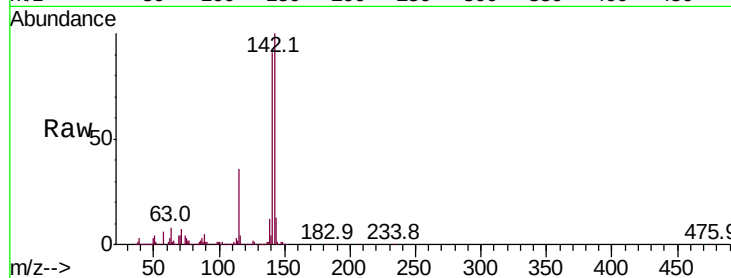
Tot Ion:142 Resp: 1021082

Ion Ratio Lower Upper

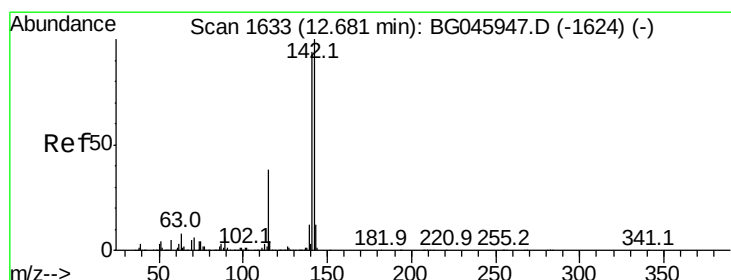
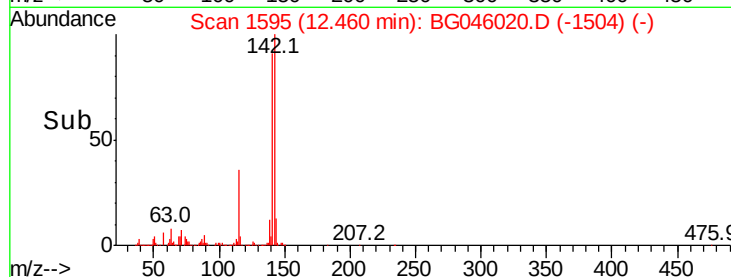
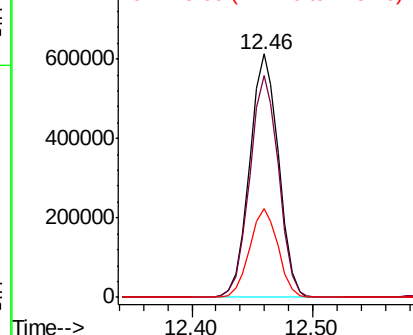
142 100

141 91.1 73.0 109.6

115 36.3 28.8 43.2



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



#38

1-Methylnaphthalene

Concen: 41.705 ng

RT: 12.68 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

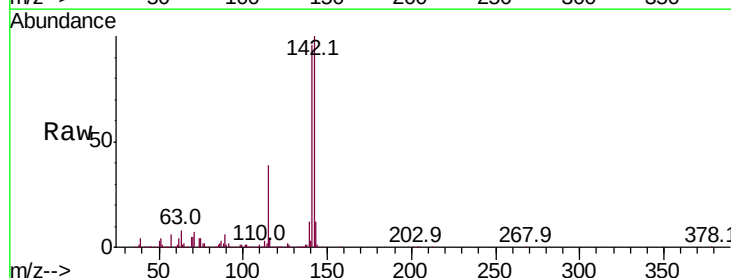
Tgt Ion:142 Resp: 970820

Ion Ratio Lower Upper

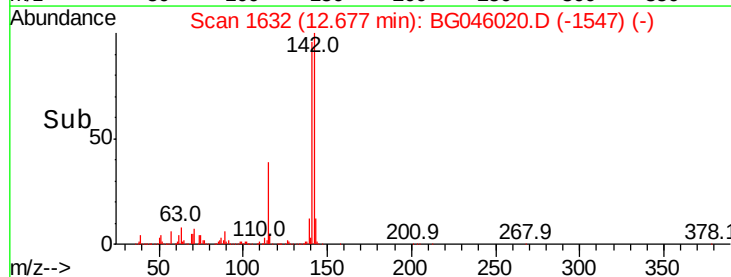
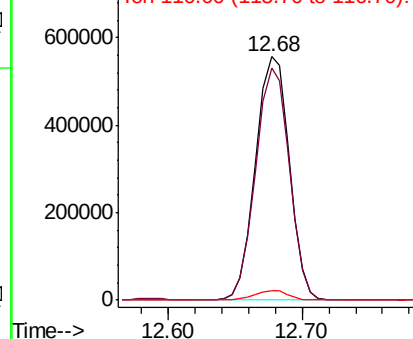
142 100

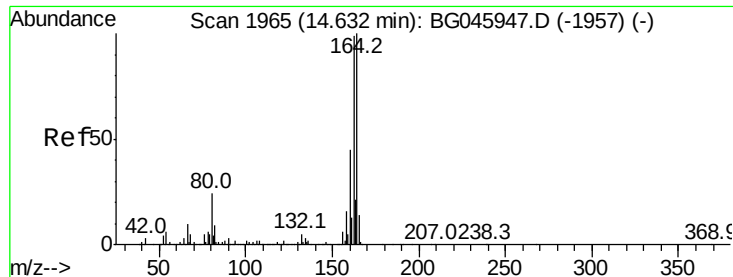
141 95.6 75.2 112.8

116 4.1 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

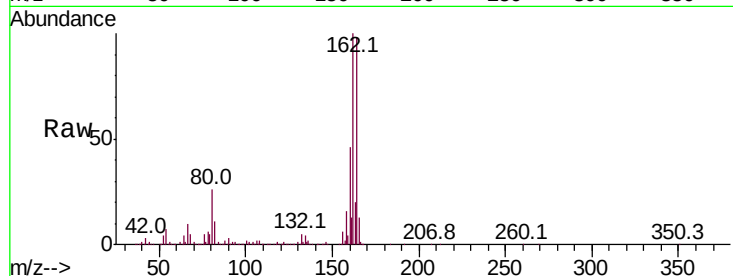
BNA_G

ClientSampleId :

PB130142BS

Tot Ion:164 Resp: 387815

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.3	118.9
160	46.5	35.7	53.5

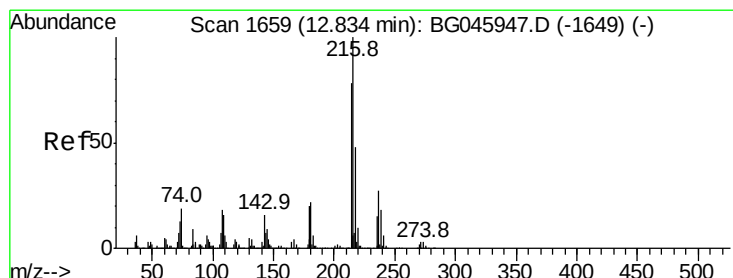
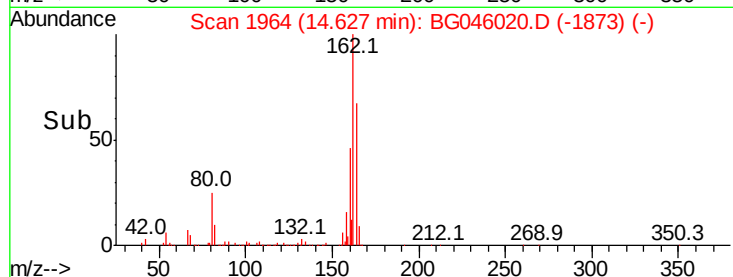
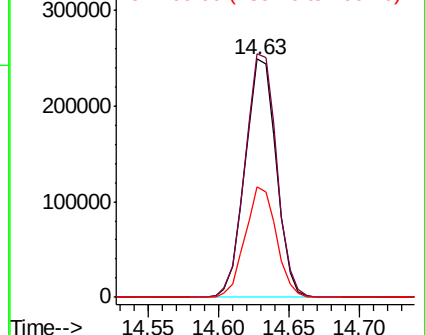


Abundance

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: 40.498 ng

RT: 12.83 min Scan# 1658

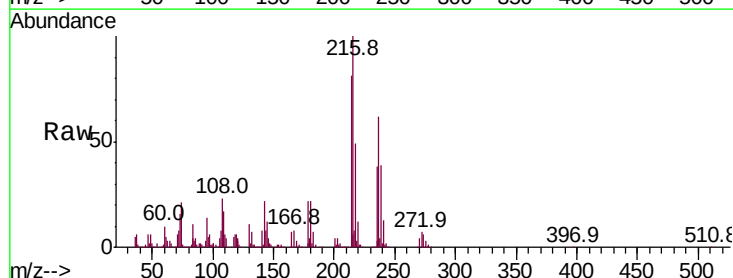
Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:216 Resp: 442728

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.4	17.0	25.6
108	24.9	17.3	25.9



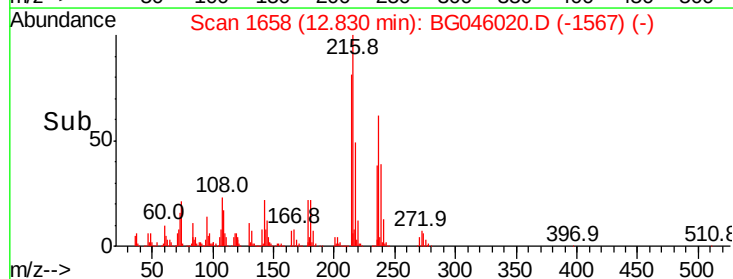
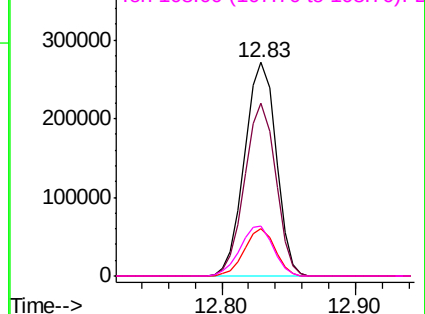
Abundance

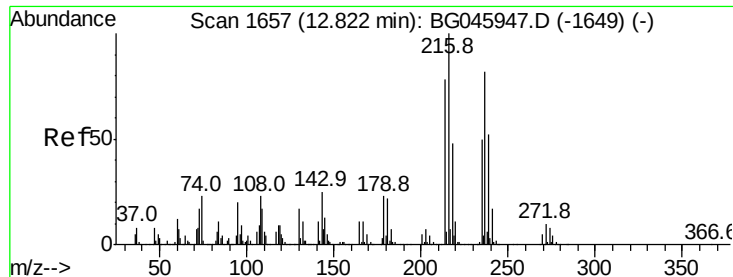
Ion 216.00 (215.70 to 216.70): E

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: 76.313 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

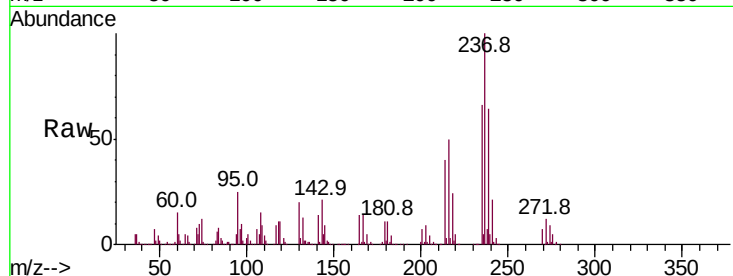
Tot Ion:237 Resp: 495029

Ion Ratio Lower Upper

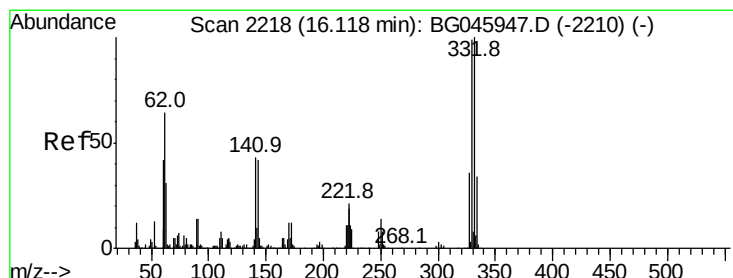
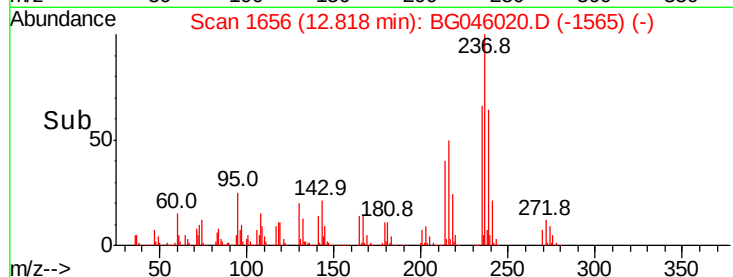
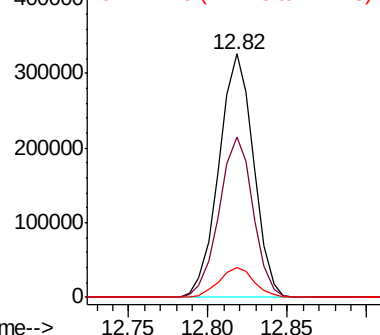
237 100

235 65.7 41.5 81.5

272 12.4 0.0 31.7



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: 140.424 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

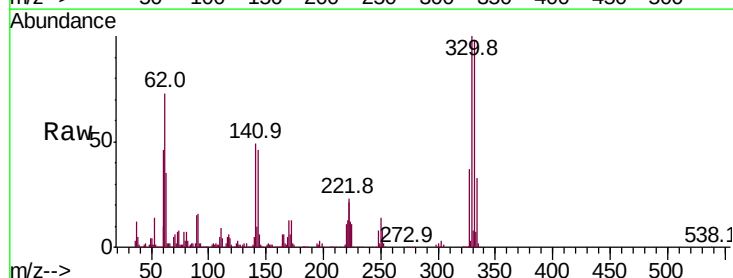
Tgt Ion:330 Resp: 505431

Ion Ratio Lower Upper

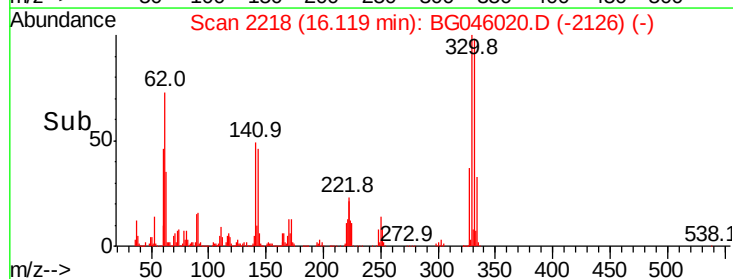
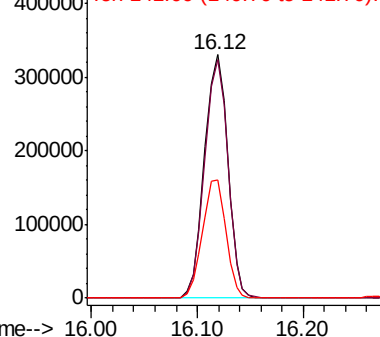
330 100

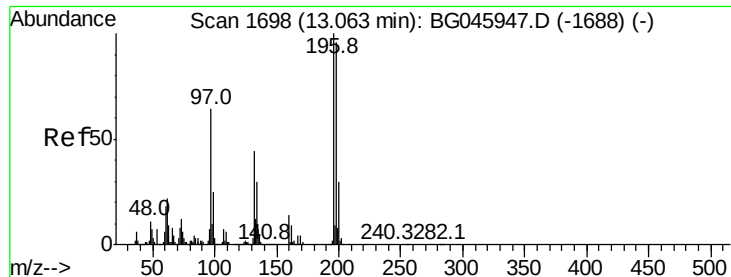
332 97.5 78.3 117.5

141 48.9 36.6 54.8



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

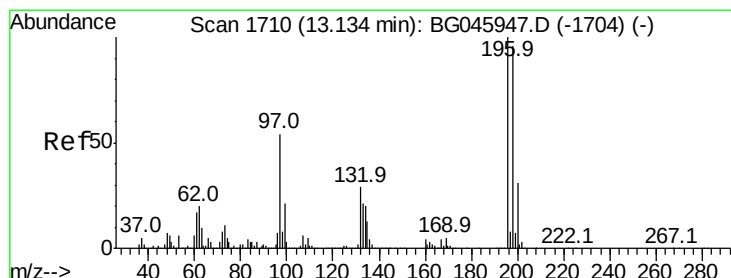
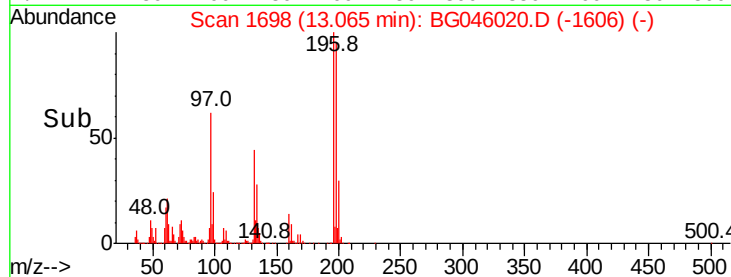
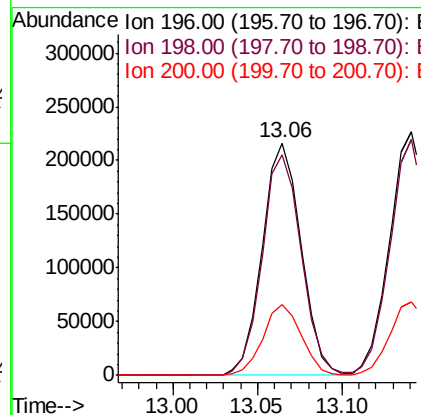
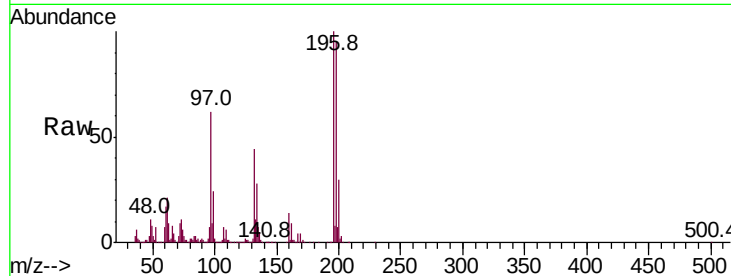




#43
 2,4,6-Trichlorophenol
 Concen: 46.766 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

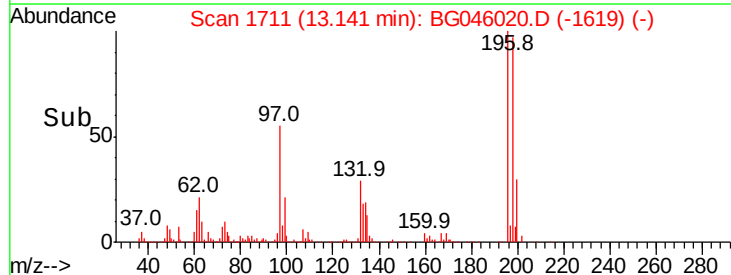
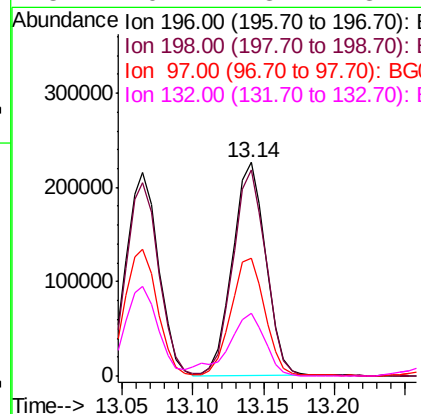
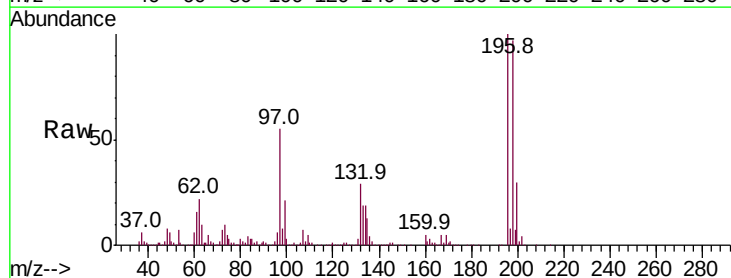
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

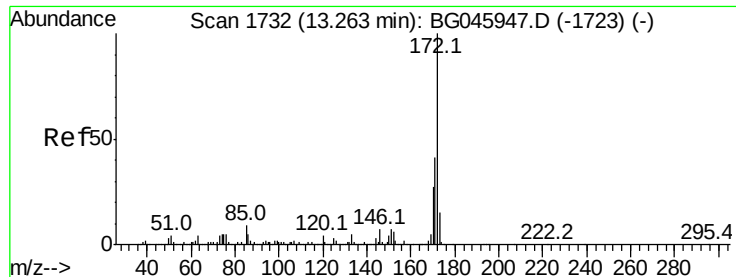
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.7	115.1
200	30.3	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.461 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.0	115.6
97	55.2	44.3	66.5
132	29.2	23.1	34.7

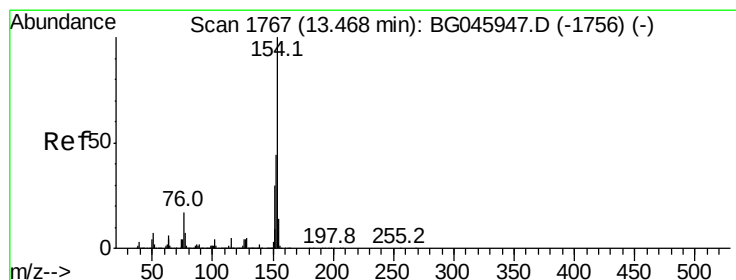
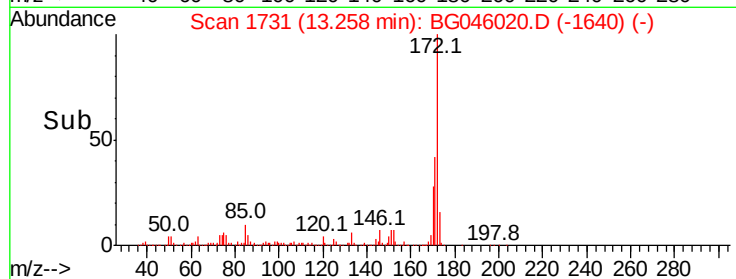
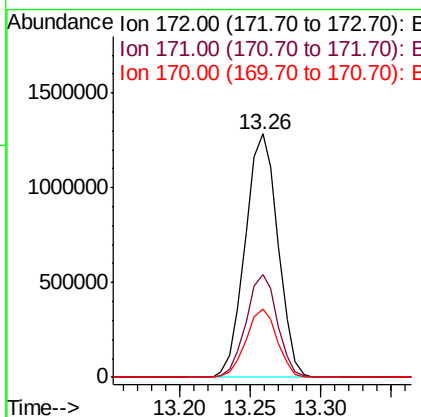
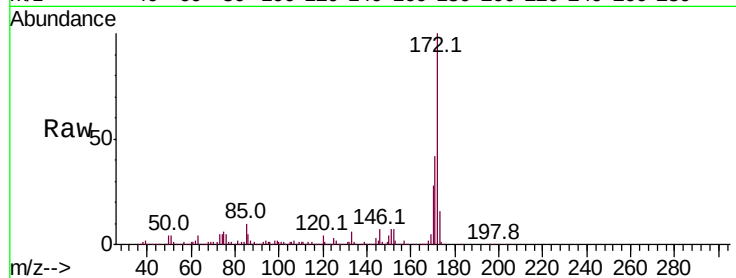




#45
2-Fluorobiphenyl
Concen: 84.109 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

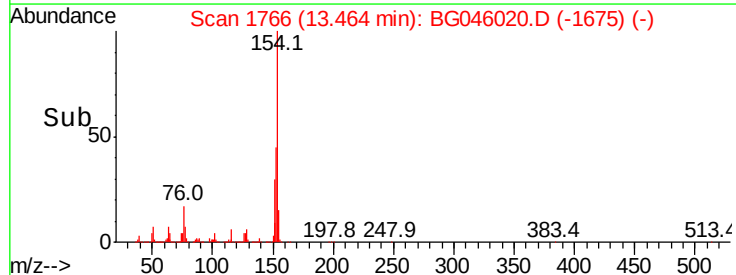
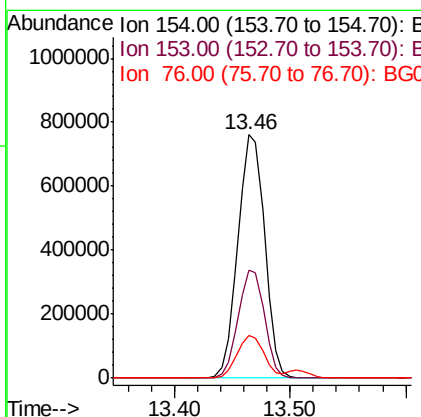
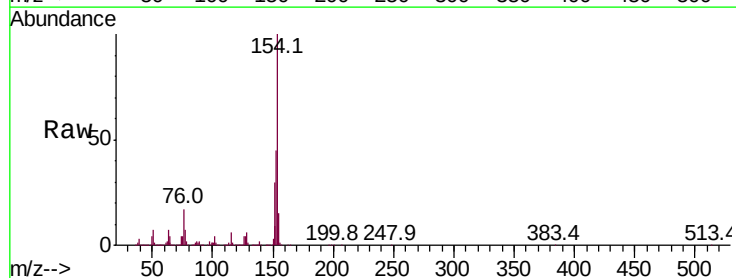
Instrument :
BNA_G
ClientSampleId :
PB130142BS

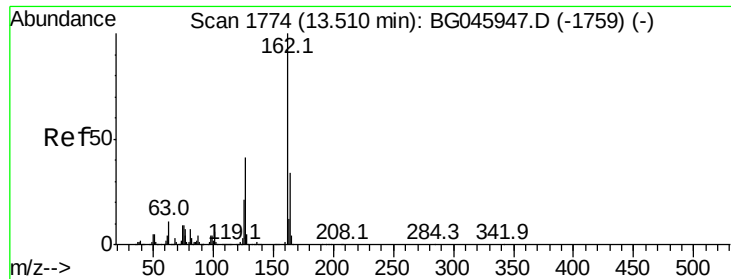
Tot Ion:172 Resp: 2091167
Ion Ratio Lower Upper
172 100
171 42.3 32.9 49.3
170 28.0 21.8 32.6



#46
1,1'-Biphenyl
Concen: 41.881 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:154 Resp: 1221816
Ion Ratio Lower Upper
154 100
153 44.5 23.6 63.6
76 17.4 0.0 36.9

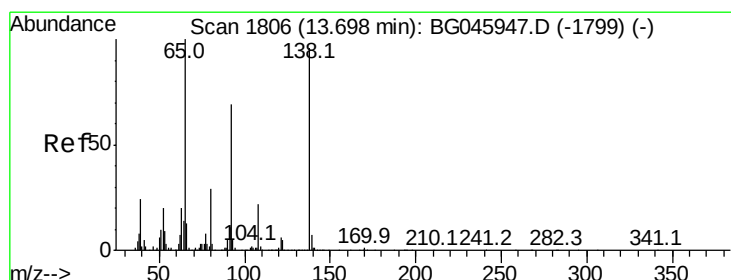
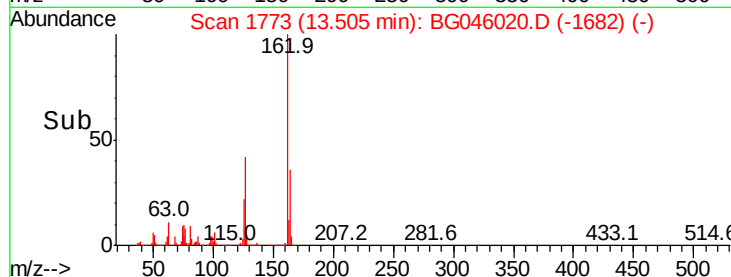
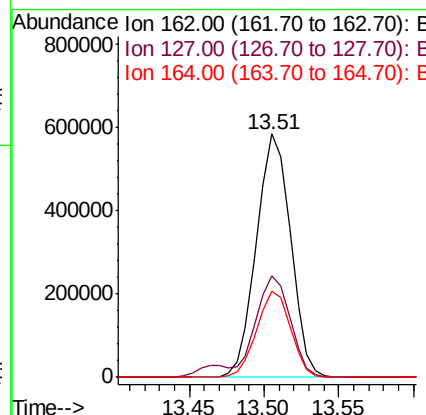
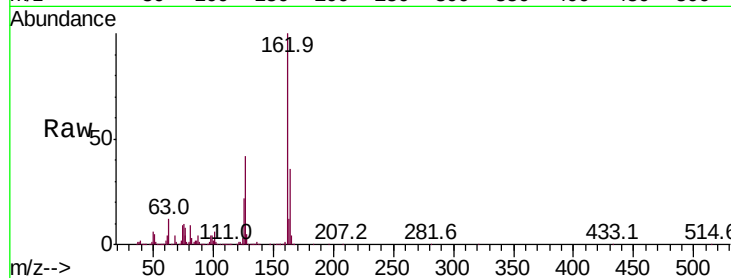




#47
 2-Chloronaphthalene
 Concen: 40.231 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

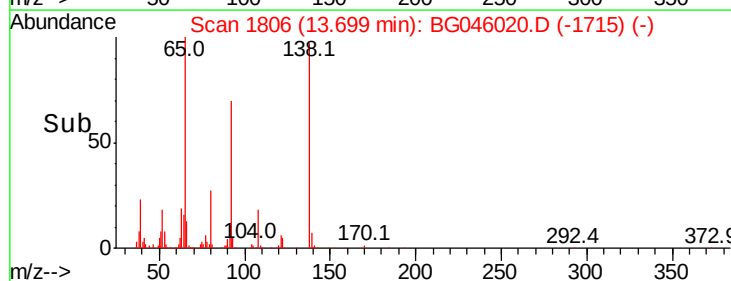
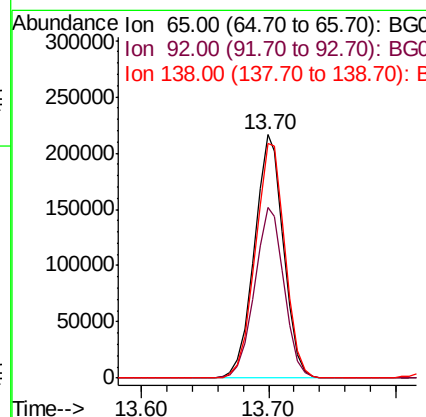
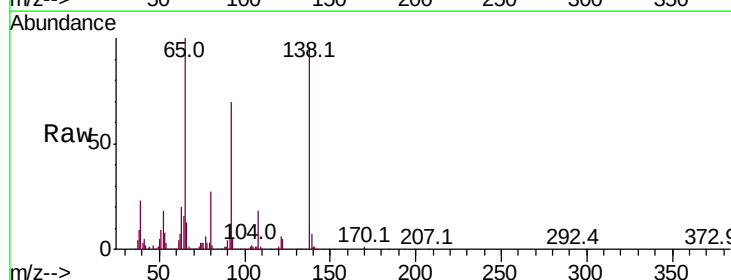
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

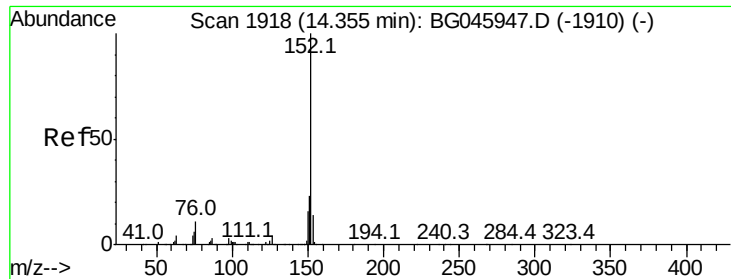
Tot Ion:162 Resp: 926047
 Ion Ratio Lower Upper
 162 100
 127 41.8 32.5 48.7
 164 35.5 27.2 40.8



#48
 2-Nitroaniline
 Concen: 53.092 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion: 65 Resp: 345085
 Ion Ratio Lower Upper
 65 100
 92 70.2 55.4 83.0
 138 96.5 77.0 115.4





#49

Acenaphthylene

Concen: 40.983 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

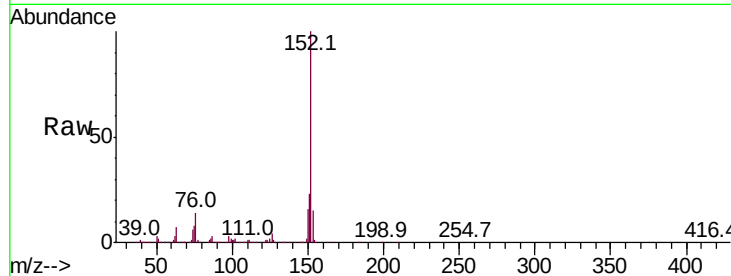
Tot Ion:152 Resp: 1522033

Ion Ratio Lower Upper

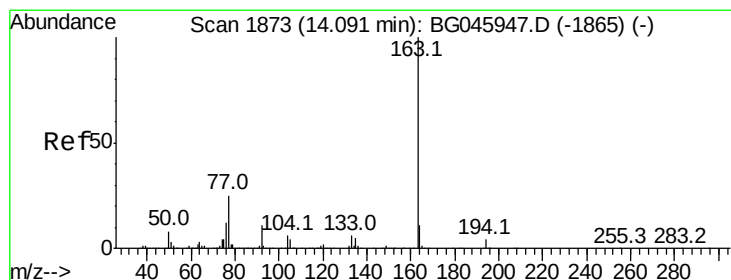
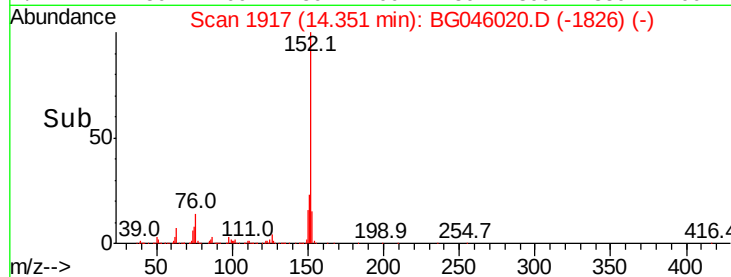
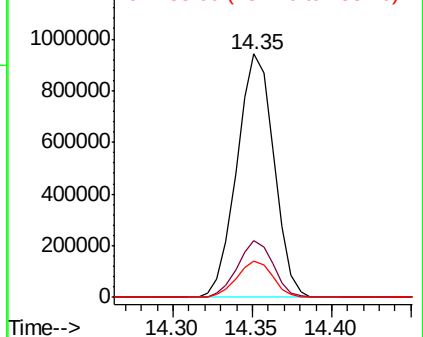
152 100

151 23.3 18.1 27.1

153 15.0 11.5 17.3



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: 40.388 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

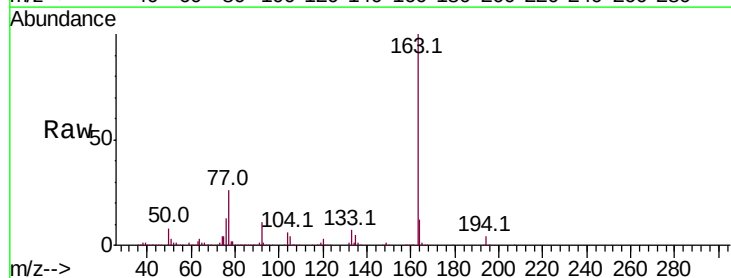
Tgt Ion:163 Resp: 1175469

Ion Ratio Lower Upper

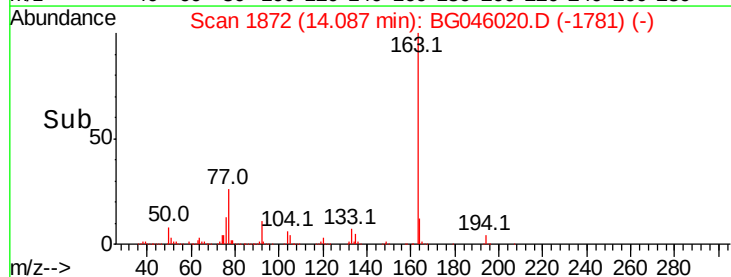
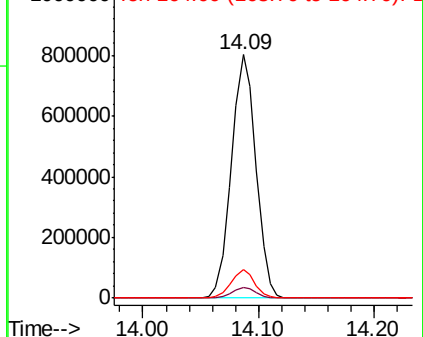
163 100

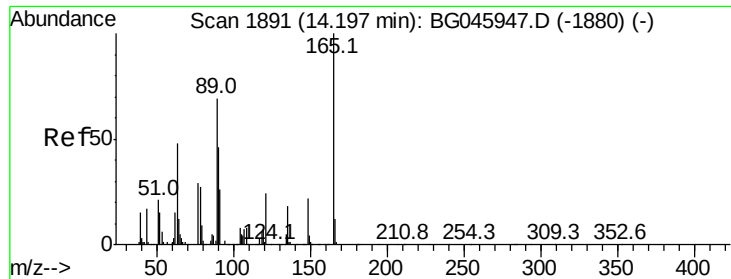
194 4.4 3.6 5.4

164 11.5 8.9 13.3



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

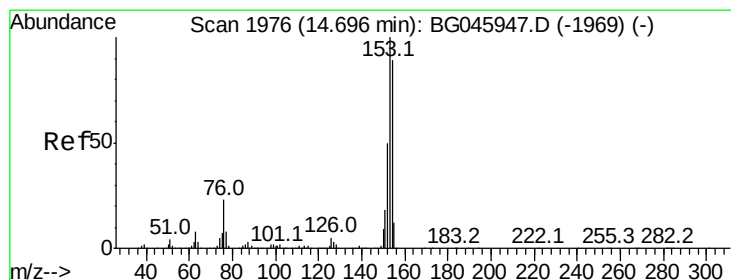
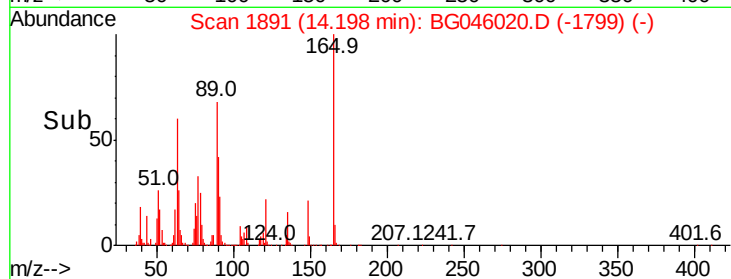
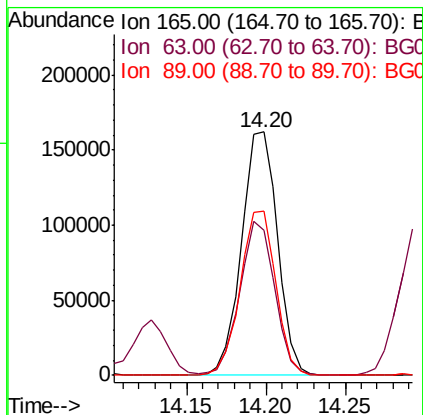
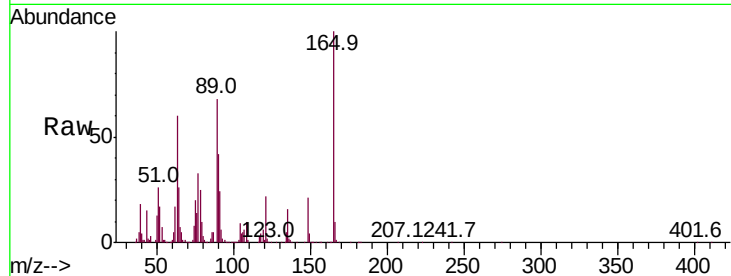




#51
2,6-Dinitrotoluene
Concen: 49.039 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

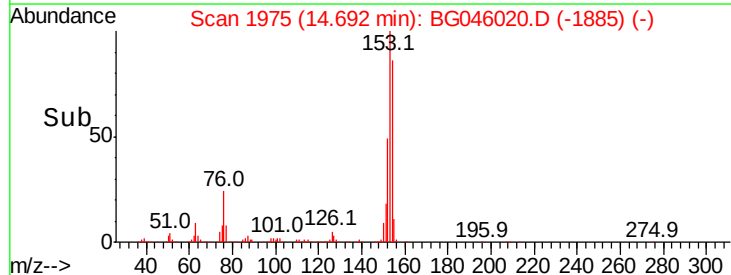
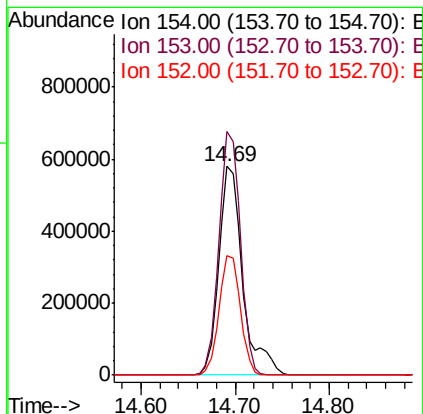
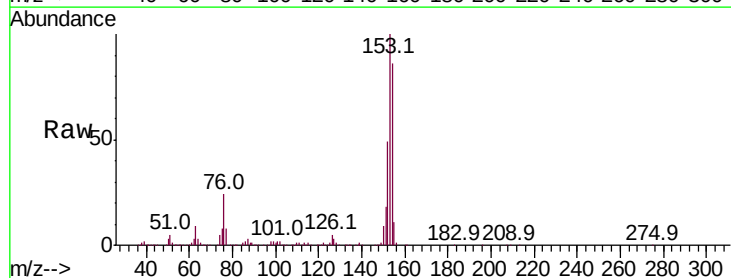
Instrument :
BNA_G
ClientSampleId :
PB130142BS

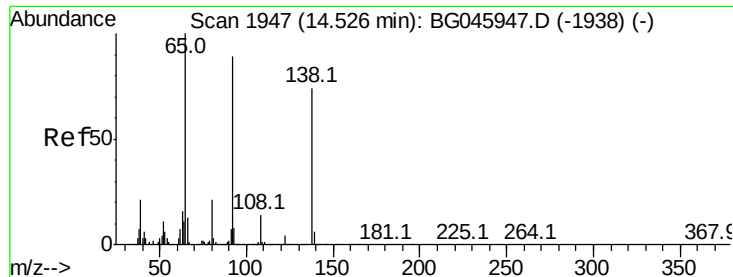
Tot Ion:165 Resp: 255679
Ion Ratio Lower Upper
165 100
63 59.7 51.0 76.4
89 67.6 55.7 83.5



#52
Acenaphthene
Concen: 44.050 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:154 Resp: 1031882
Ion Ratio Lower Upper
154 100
153 116.6 89.7 134.5
152 57.5 44.7 67.1





#53

3-Nitroaniline

Concen: 40.145 ng

RT: 14.53 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

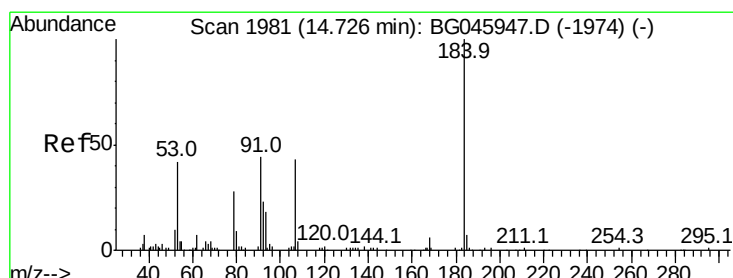
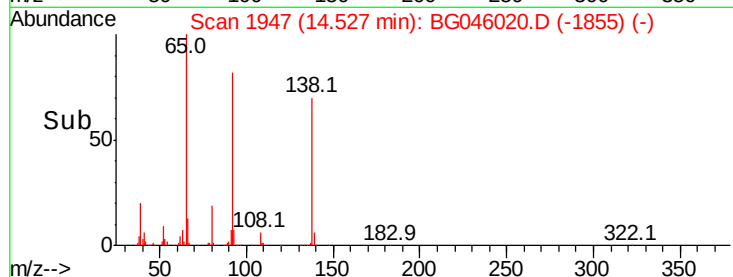
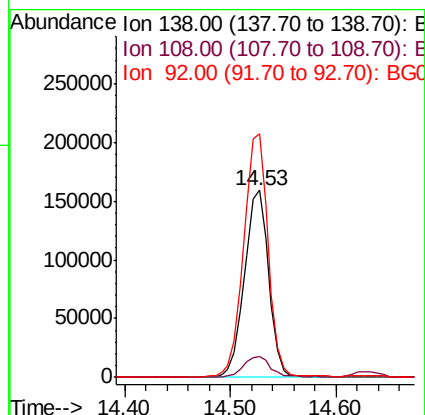
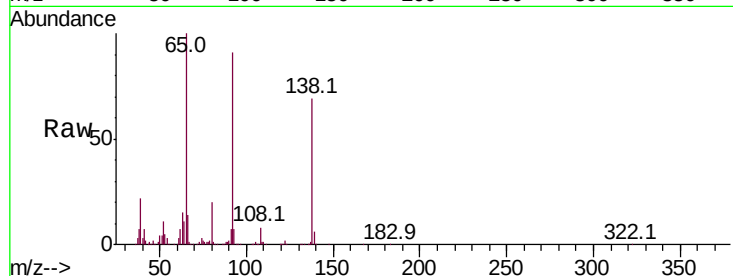
Tot Ion:138 Resp: 253101

Ion Ratio Lower Upper

138 100

108 11.0 15.4 23.2#

92 130.4 95.9 143.9



#54

2,4-Dinitrophenol

Concen: 91.666 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

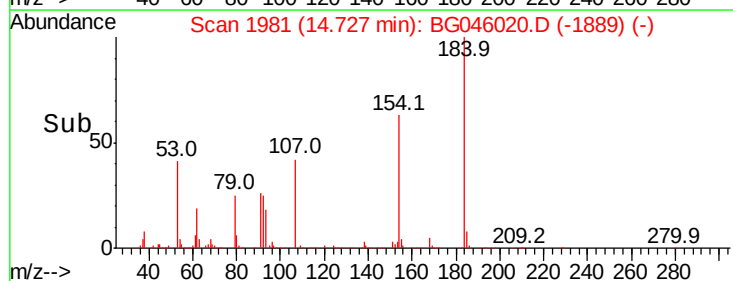
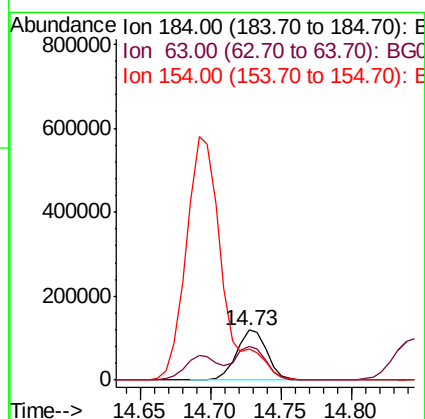
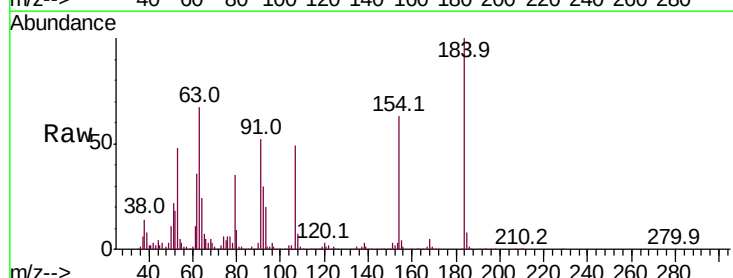
Tgt Ion:184 Resp: 180388

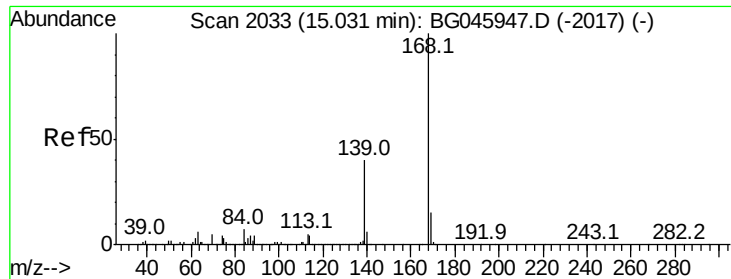
Ion Ratio Lower Upper

184 100

63 66.9 46.0 69.0

154 63.2 58.2 87.2

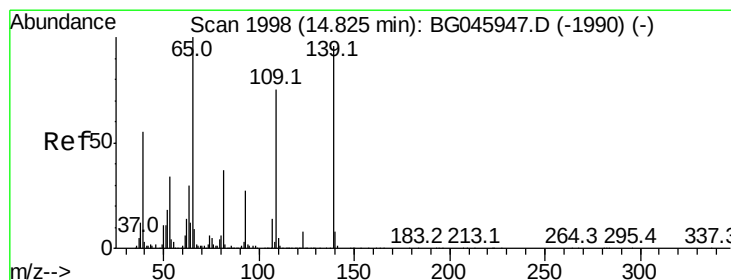
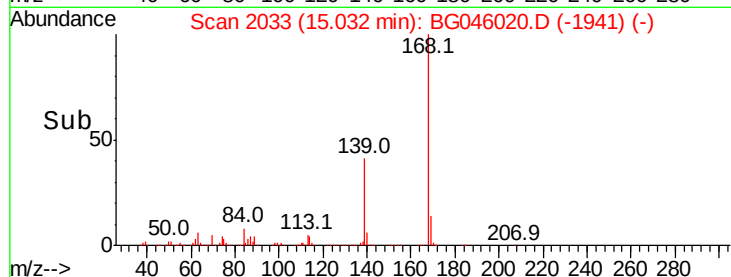
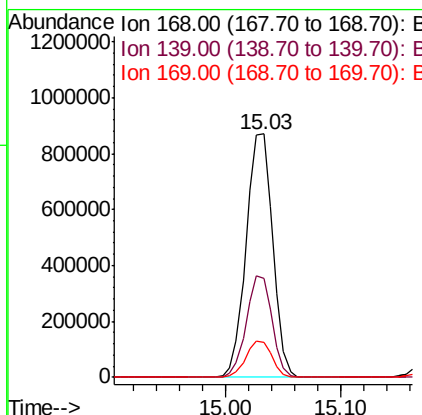
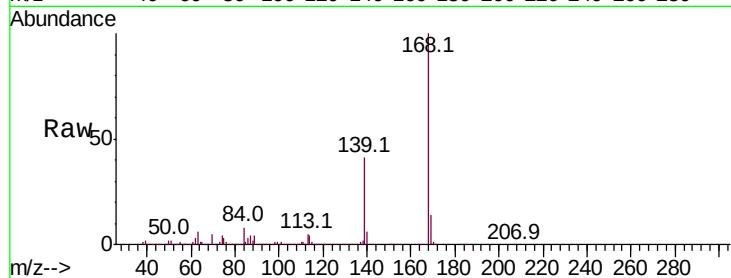




#55
Dibenzenofuran
Concen: 40.544 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

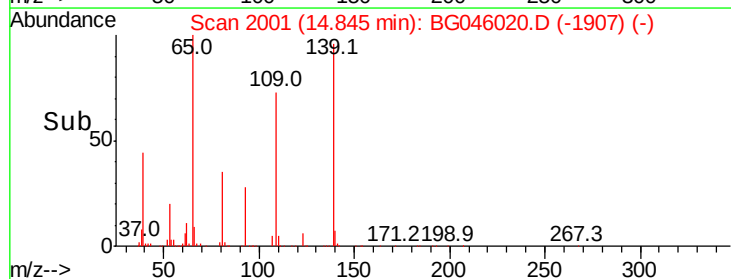
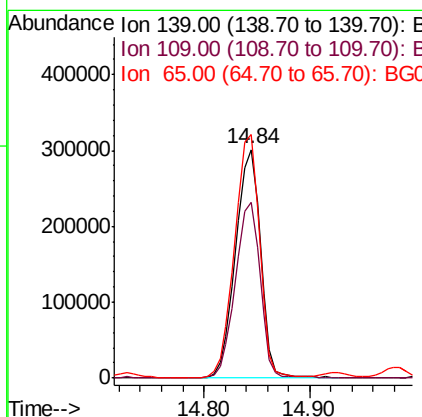
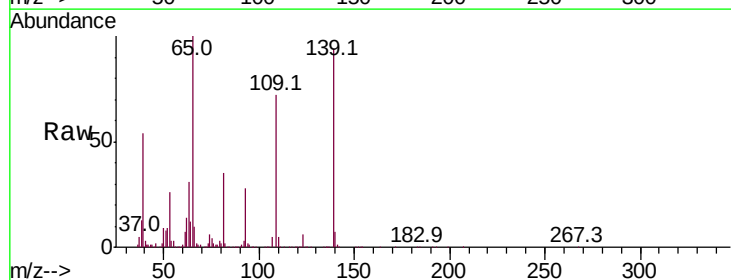
Instrument :
BNA_G
ClientSampleId :
PB130142BS

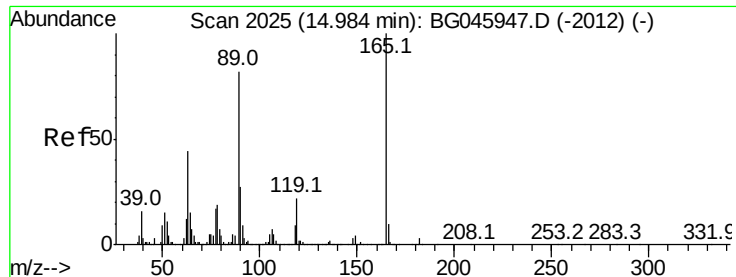
Tot Ion:168 Resp: 1392220
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 104.133 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:139 Resp: 493771
Ion Ratio Lower Upper
139 100
109 77.0 58.5 98.5
65 106.5 84.7 124.7

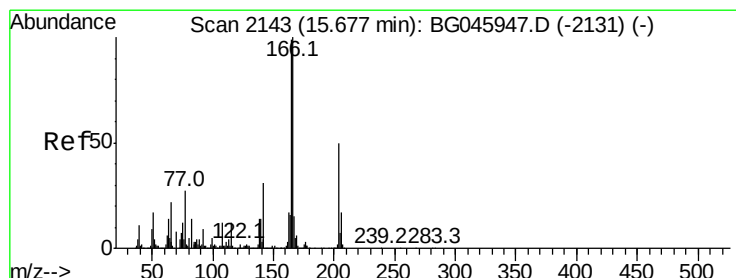
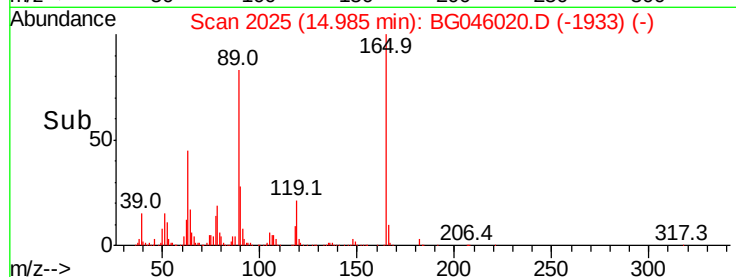
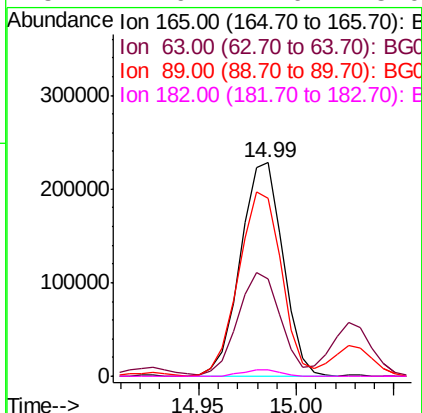
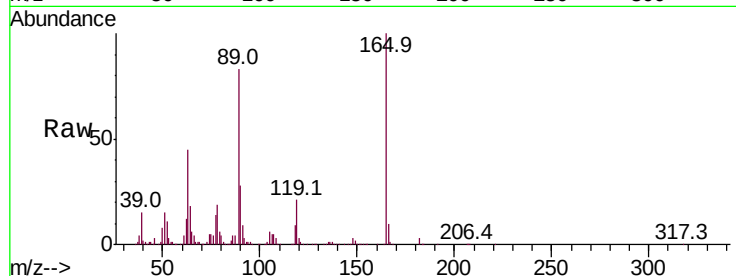




#57
2,4-Dinitrotoluene
Concen: 51.200 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

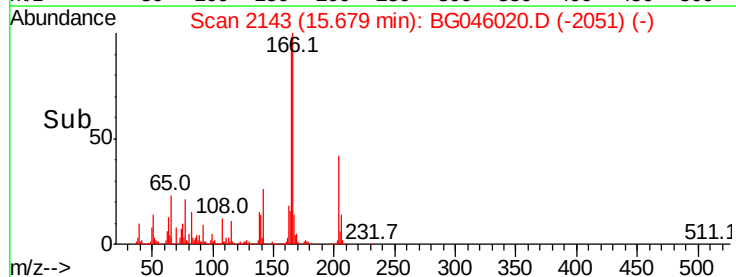
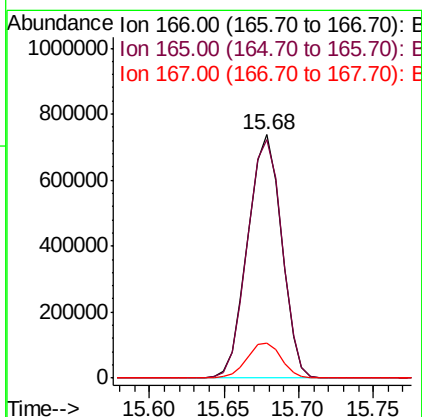
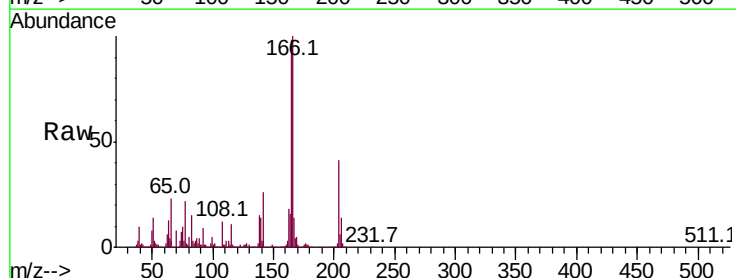
Instrument :
BNA_G
ClientSampleId :
PB130142BS

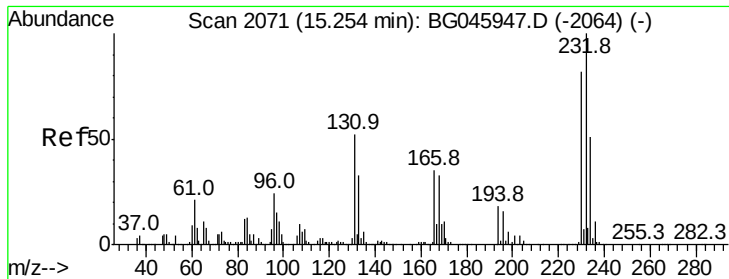
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	35.4	53.0
89	83.2	65.4	98.2
182	2.9	2.0	3.0



#58
Fluorene
Concen: 41.092 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.9	118.3
167	14.5	12.1	18.1

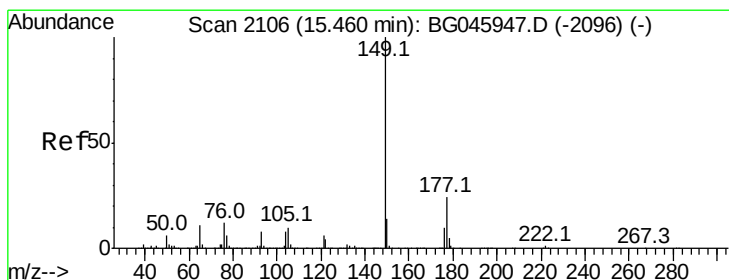
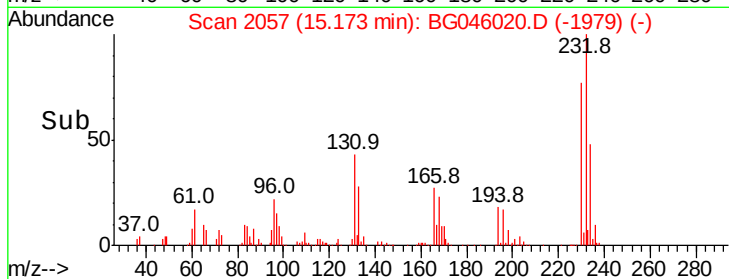
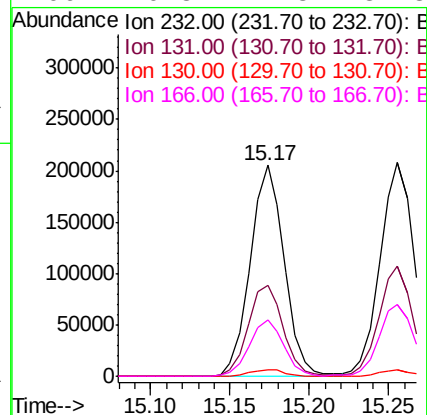
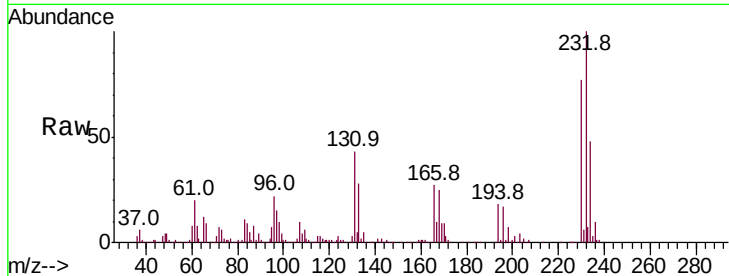




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.360 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.07 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

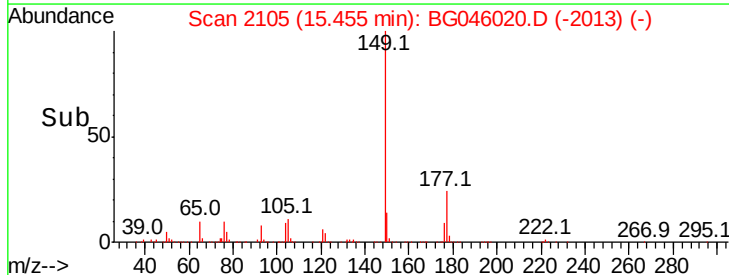
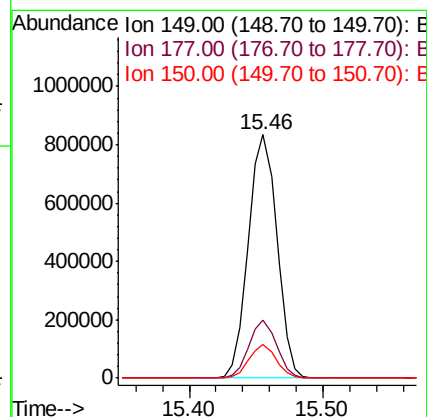
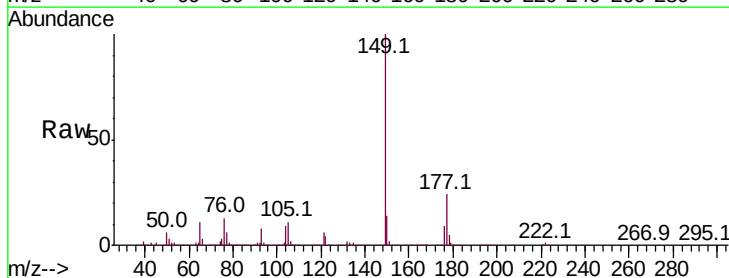
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

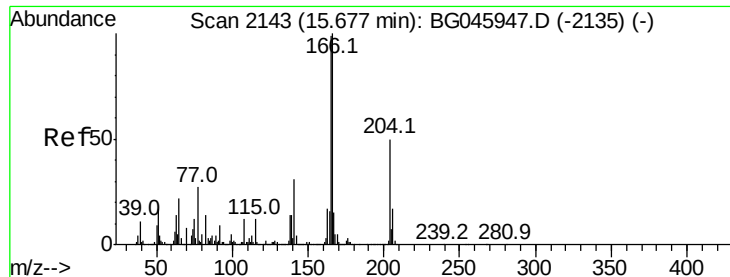
Tot Ion:	232	Resp:	305671
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.8	53.6
130	3.3	2.5	3.7
166	26.8	21.8	32.8



#60
 Diethylphthalate
 Concen: 40.270 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion:	149	Resp:	1229138
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	14.0	11.0	16.4

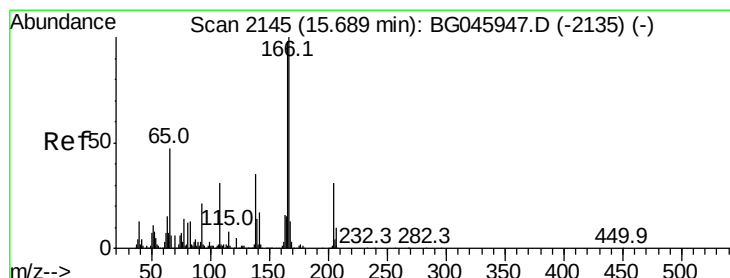
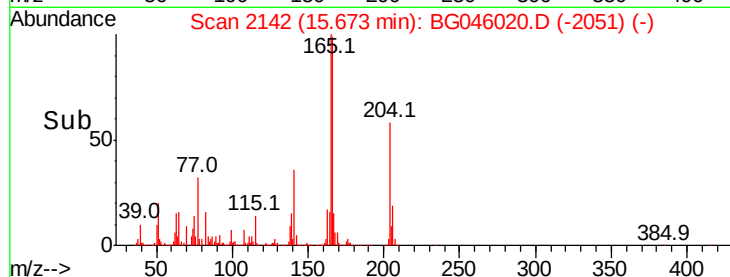
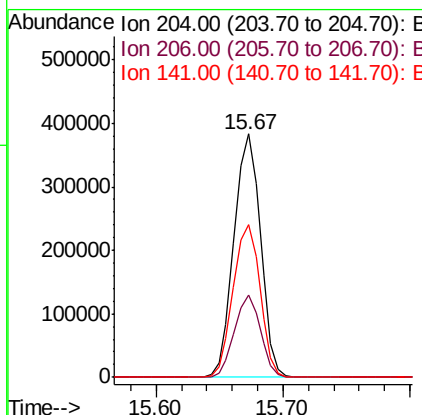
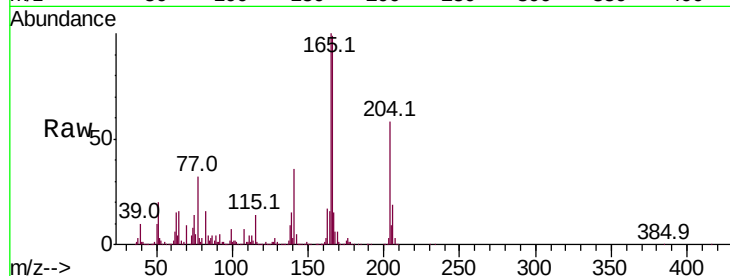




#61
4-Chlorophenyl-phenylether
Concen: 39.496 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

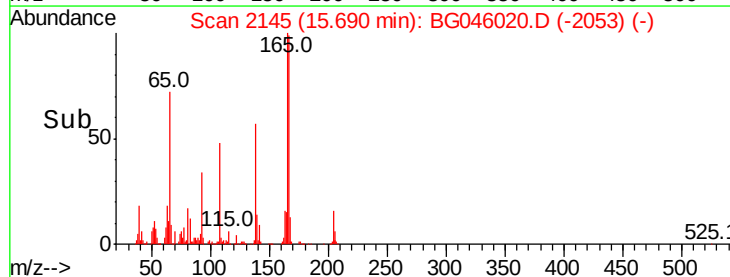
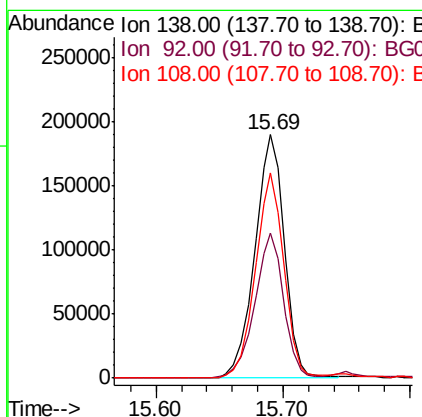
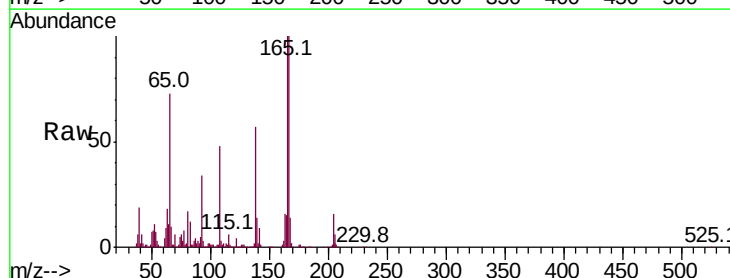
Instrument :
BNA_G
ClientSampleId :
PB130142BS

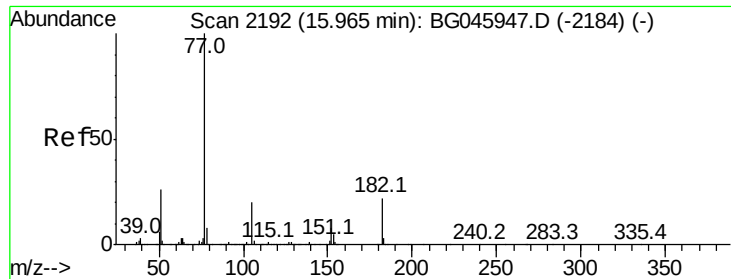
Tot Ion:204 Resp: 553501
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 63.0 49.8 74.8



#62
4-Nitroaniline
Concen: 51.038 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:138 Resp: 307010
Ion Ratio Lower Upper
138 100
92 59.7 40.3 80.3
108 84.0 68.0 108.0





#63

Azobenzene

Concen: 42.288 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion: 77 Resp: 1385364

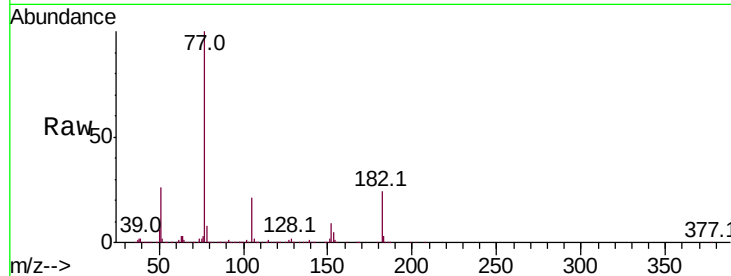
Ion Ratio Lower Upper

77 100

182 24.0 2.4 42.4

105 21.4 0.3 40.3

51 25.9 6.3 46.3

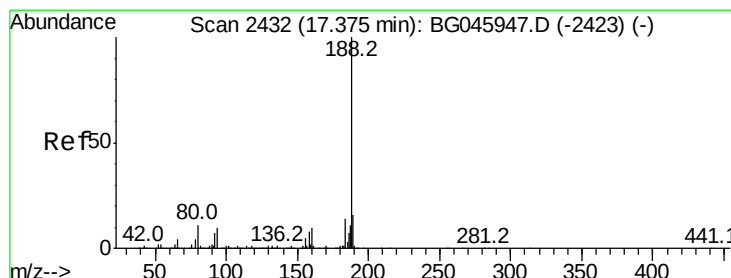
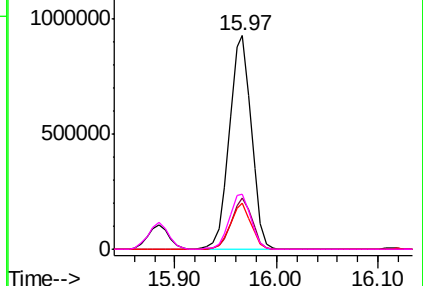
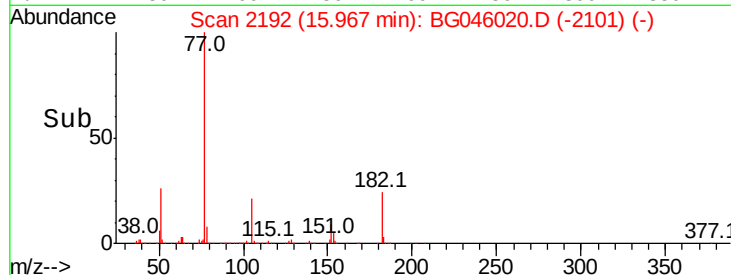


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

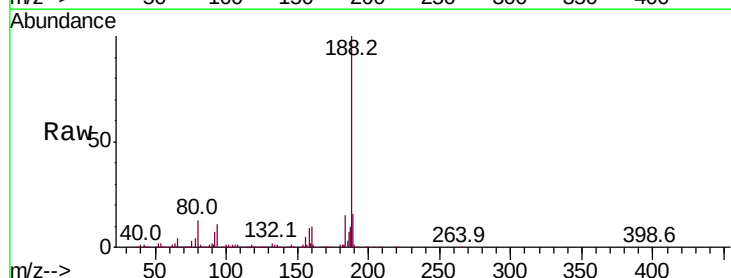
Tgt Ion: 188 Resp: 805051

Ion Ratio Lower Upper

188 100

94 11.3 8.2 12.4

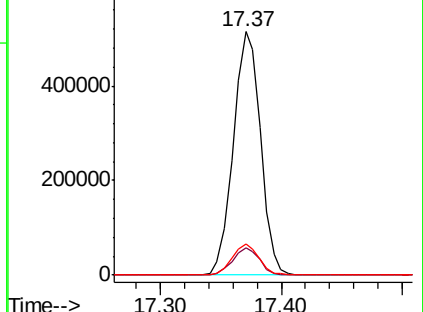
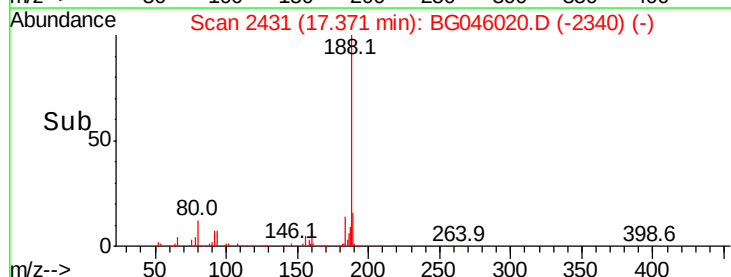
80 12.8 9.0 13.6

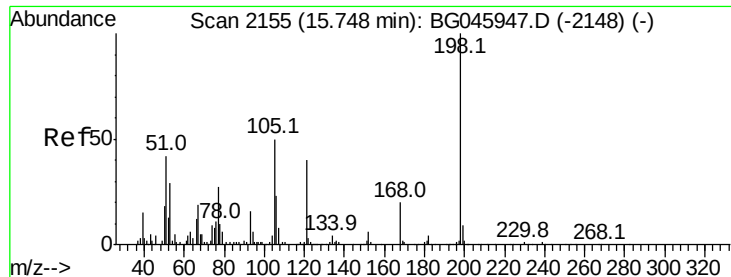


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

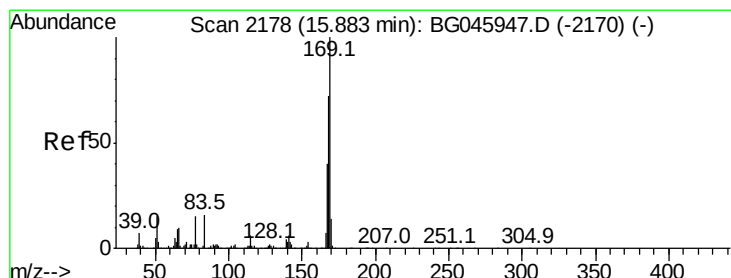
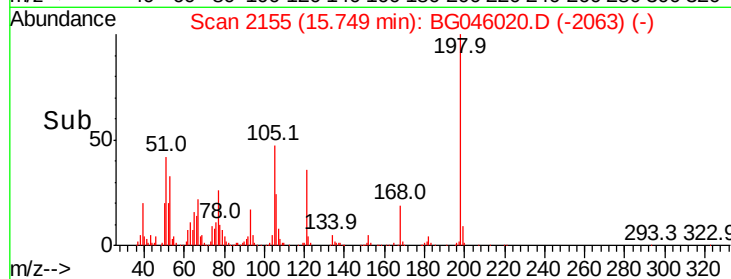
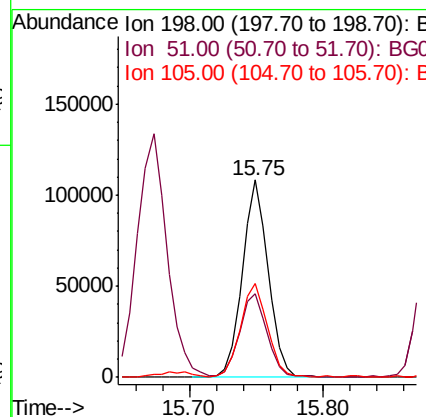
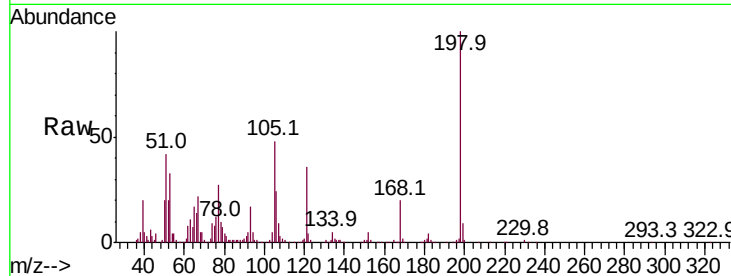




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.526 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

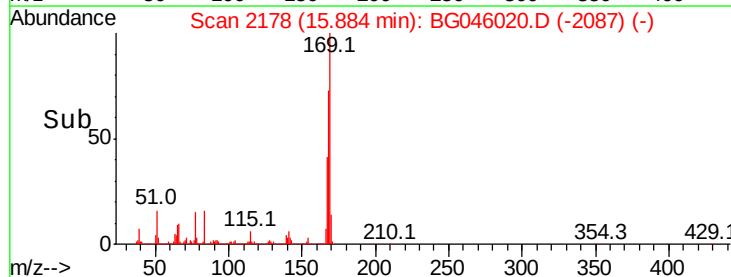
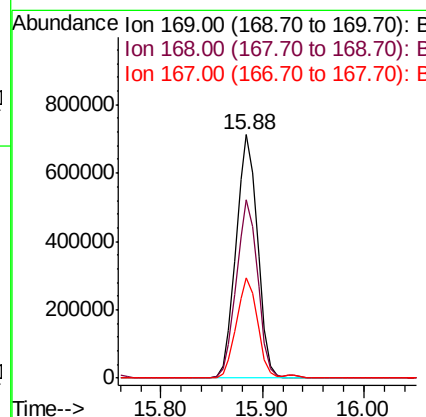
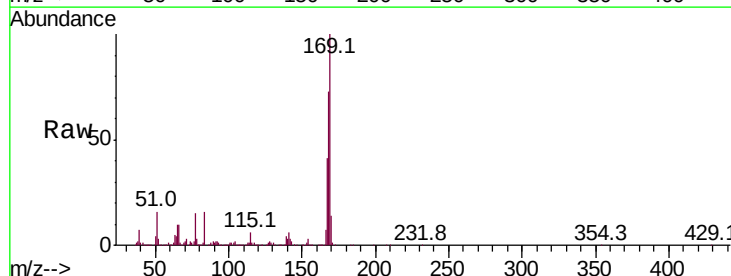
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

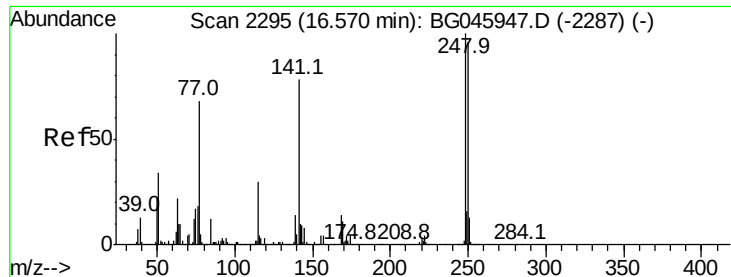
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	24.5	64.5
105	47.7	30.9	70.9



#66
 n-Nitrosodiphenylamine
 Concen: 41.981 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.3	57.3	85.9
167	41.4	32.1	48.1

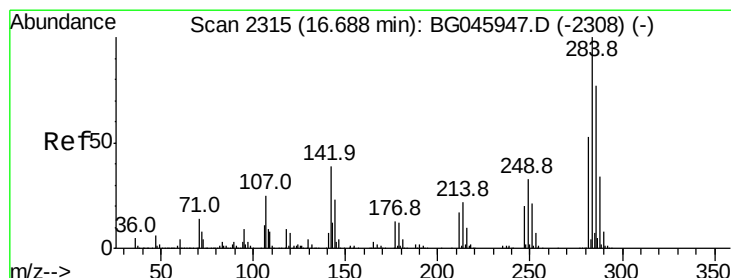
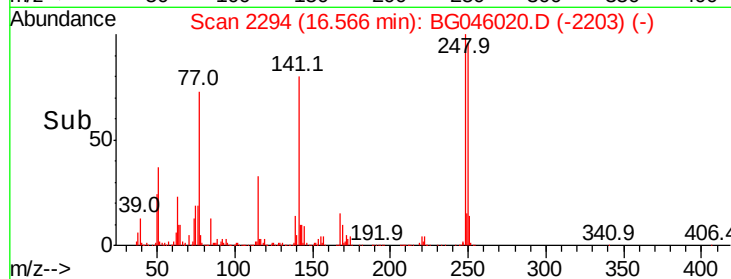
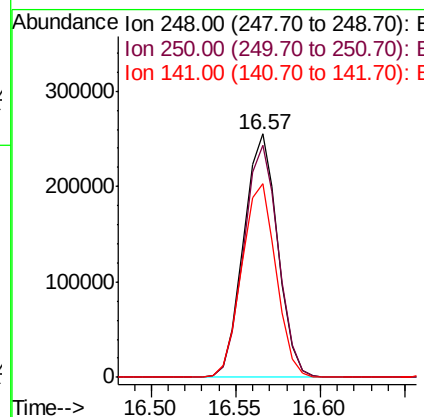
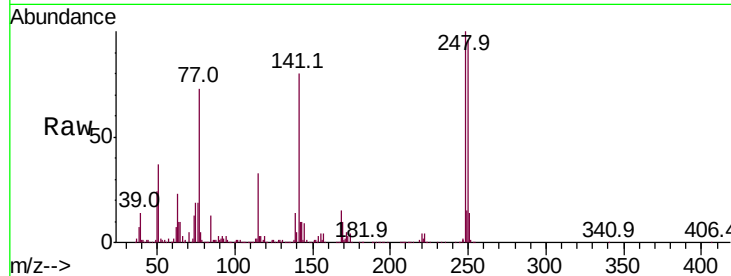




#67
4-Bromophenyl-phenylether
Concen: 39.786 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

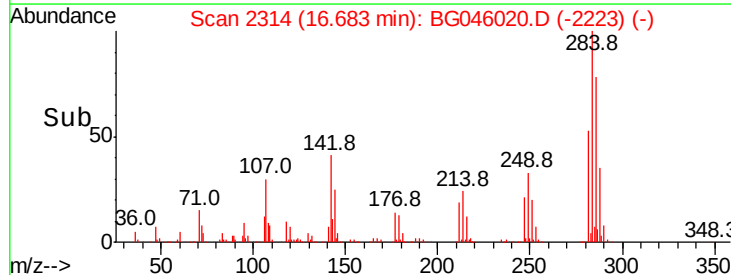
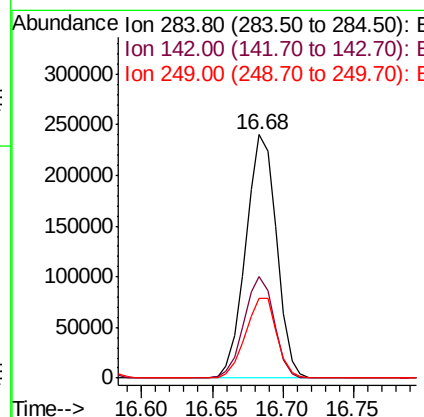
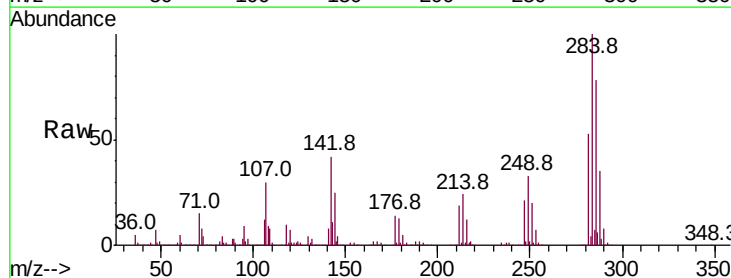
Instrument :
BNA_G
ClientSampleId :
PB130142BS

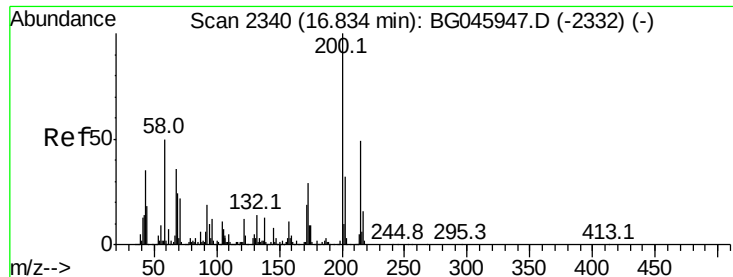
Tot Ion:248 Resp: 357731
Ion Ratio Lower Upper
248 100
250 95.6 76.6 114.8
141 79.7 62.7 94.1



#68
Hexachlorobenzene
Concen: 40.724 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:284 Resp: 367432
Ion Ratio Lower Upper
284 100
142 41.6 31.3 46.9
249 32.6 26.8 40.2





#69

Atrazine

Concen: 45.700 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

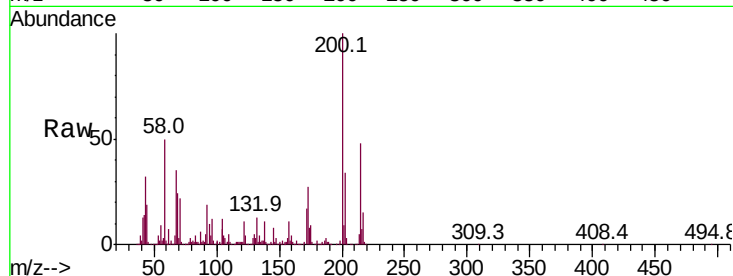
Tot Ion:200 Resp: 337073

Ion Ratio Lower Upper

200 100

173 26.5 9.1 49.1

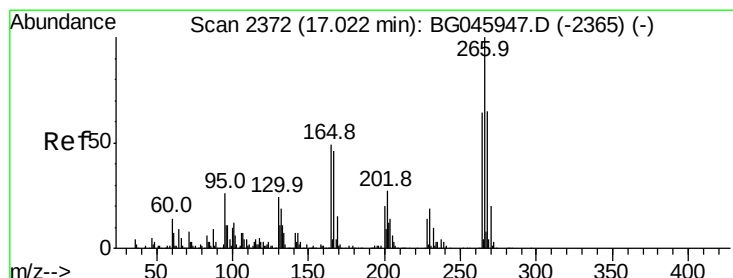
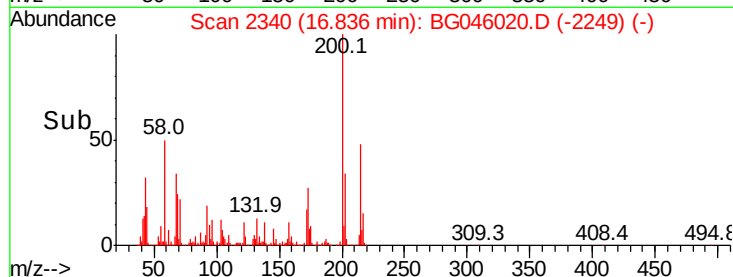
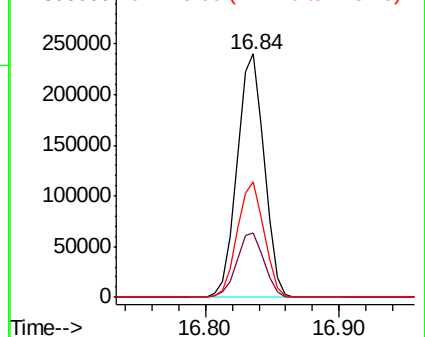
215 47.7 28.8 68.8



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: 90.077 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

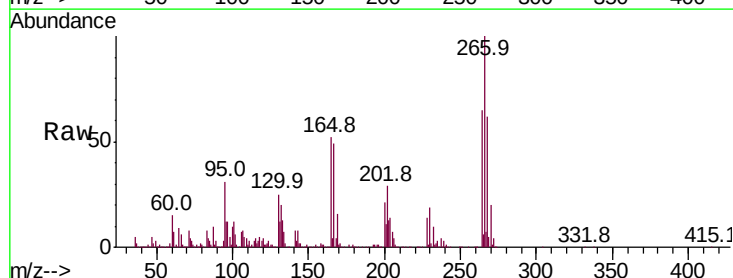
Tgt Ion:266 Resp: 451867

Ion Ratio Lower Upper

266 100

268 62.5 51.8 77.8

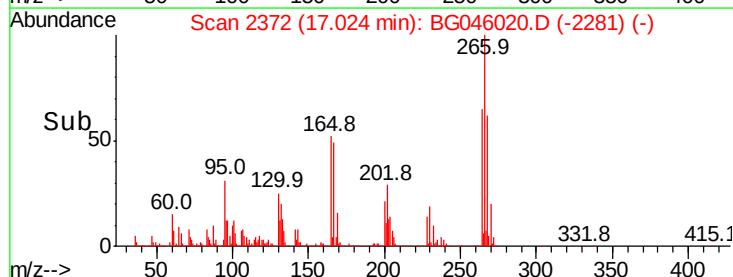
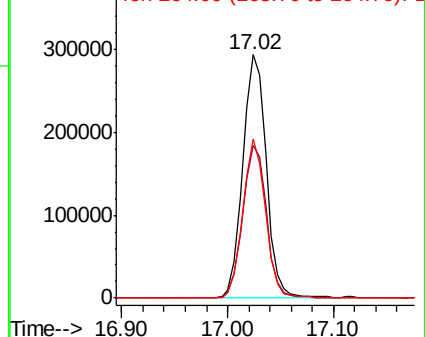
264 65.2 51.4 77.0

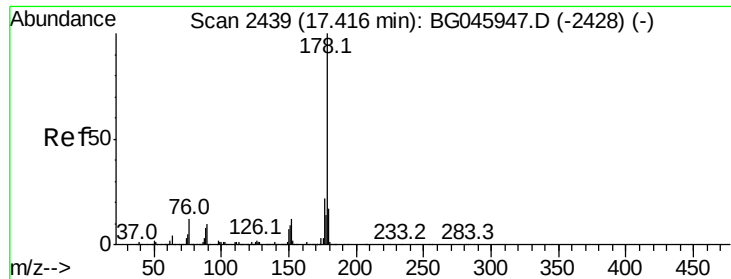


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

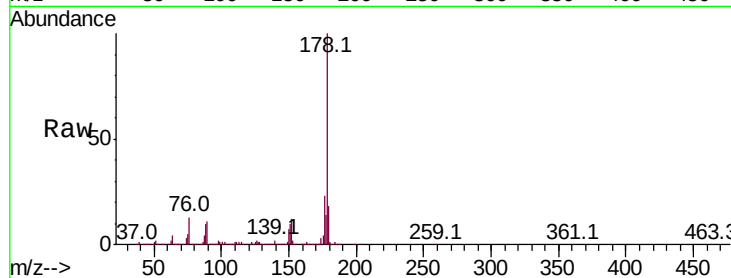




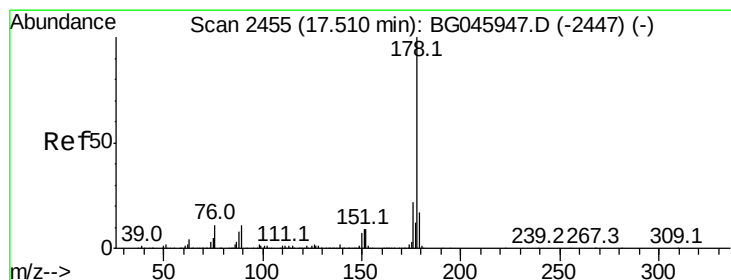
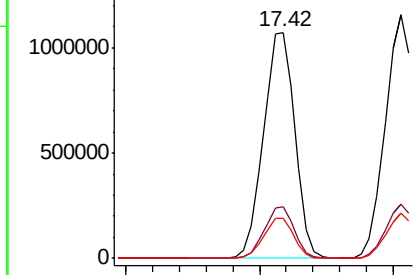
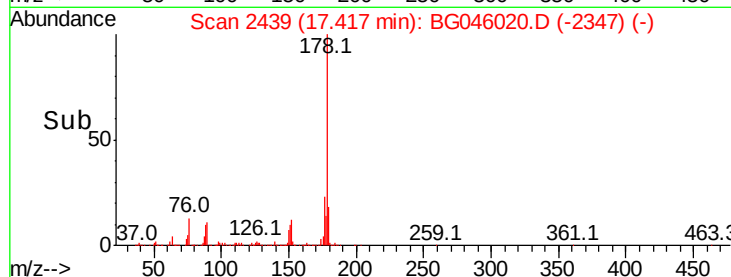
#71
Phenanthrene
Concen: 40.979 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion:178 Resp: 1744106
Ion Ratio Lower Upper
178 100
176 22.8 17.4 26.2
179 17.9 13.4 20.2

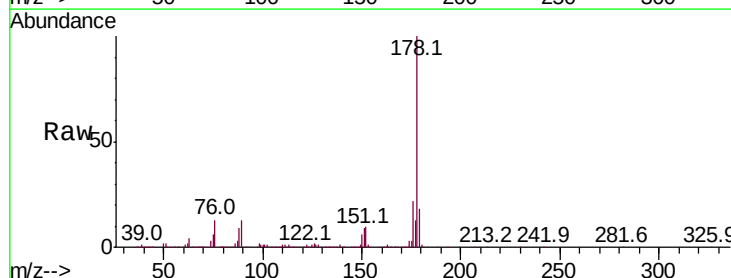


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

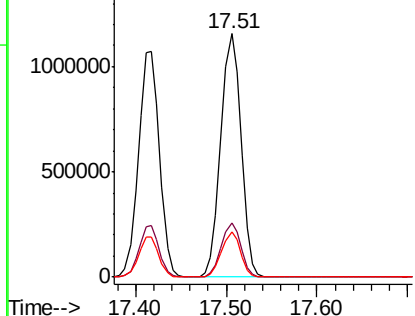
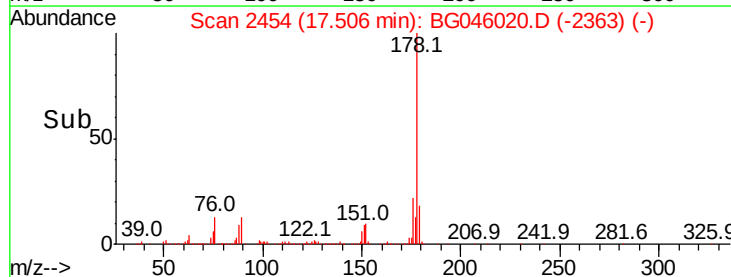


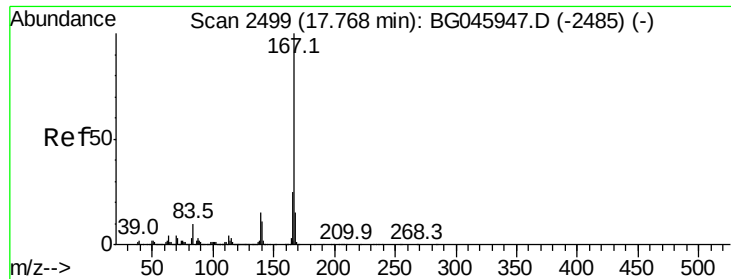
#72
Anthracene
Concen: 41.597 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:178 Resp: 1796661
Ion Ratio Lower Upper
178 100
176 22.4 17.2 25.8
179 18.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.602 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

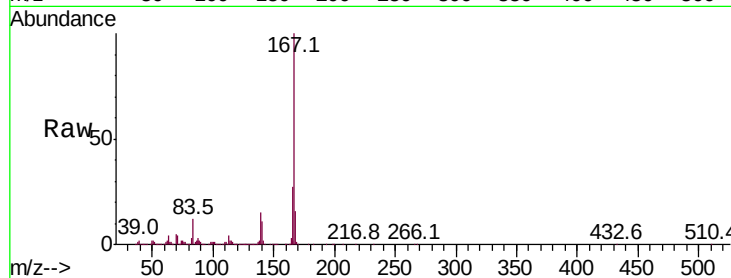
Tot Ion:167 Resp: 1714498

Ion Ratio Lower Upper

167 100

166 26.6 20.4 30.6

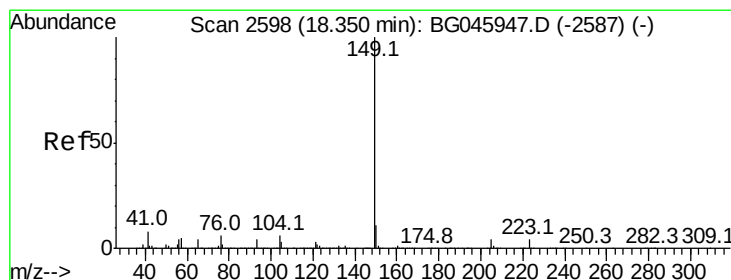
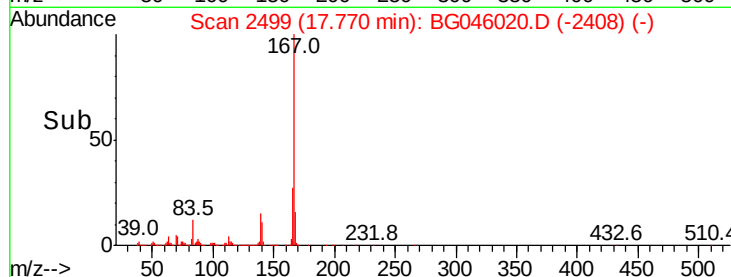
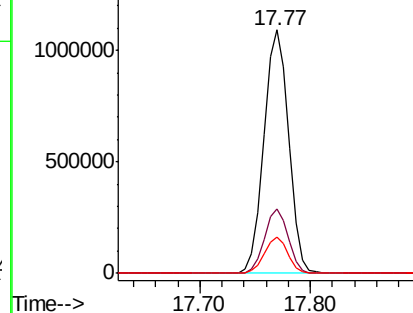
139 14.8 11.8 17.8



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: 38.950 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

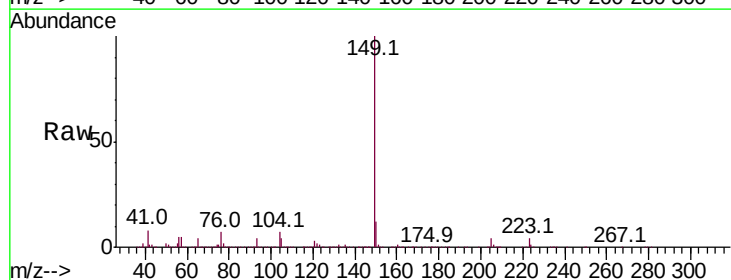
Tgt Ion:149 Resp: 2037739

Ion Ratio Lower Upper

149 100

150 11.7 9.0 13.4

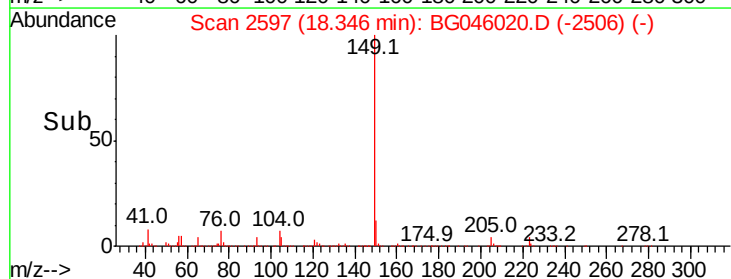
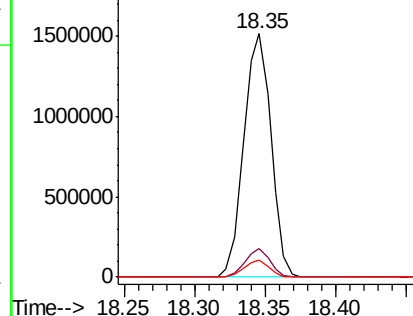
104 6.8 5.2 7.8

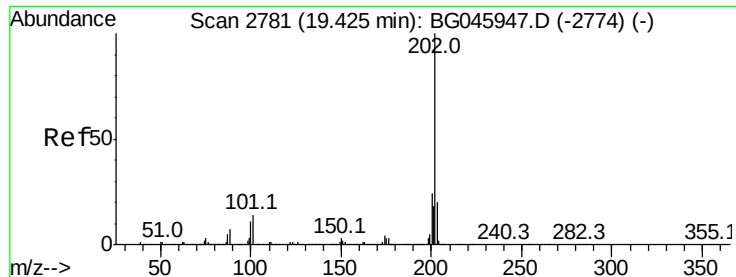


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.075 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

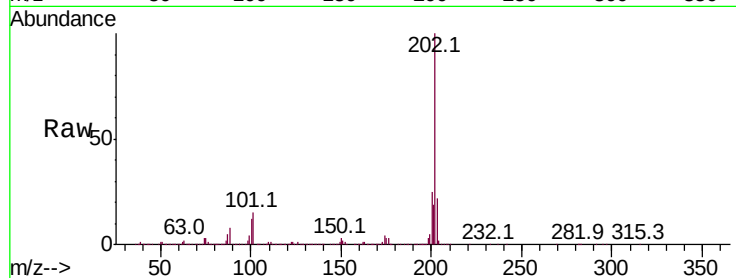
Tot Ion:202 Resp: 1971715

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.8
203	21.5	0.4	40.4

202 100

101 14.8 0.0 33.8

203 21.5 0.4 40.4

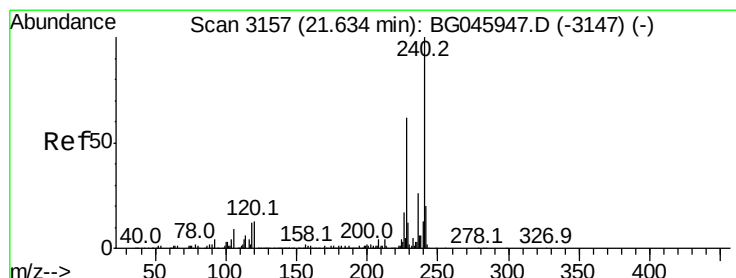
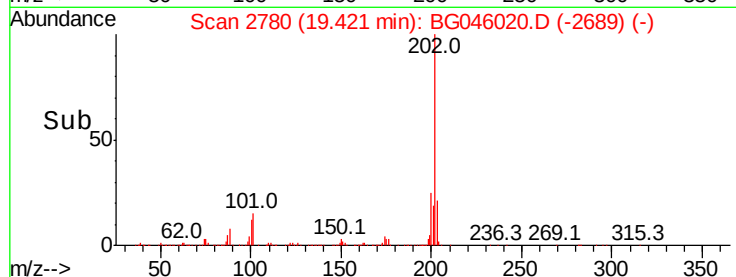
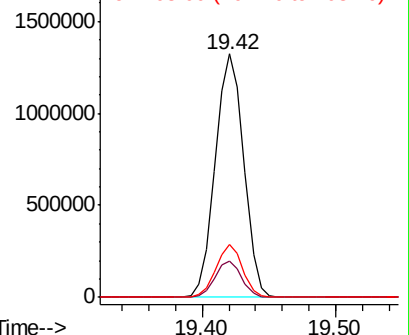


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

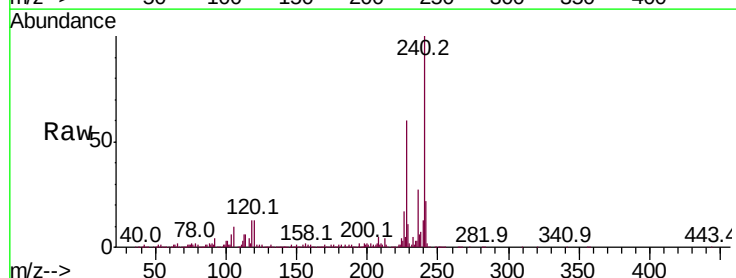
Tgt Ion:240 Resp: 662340

Ion	Ratio	Lower	Upper
240	100		
120	13.5	10.6	16.0
236	26.8	20.4	30.6

240 100

120 13.5 10.6 16.0

236 26.8 20.4 30.6

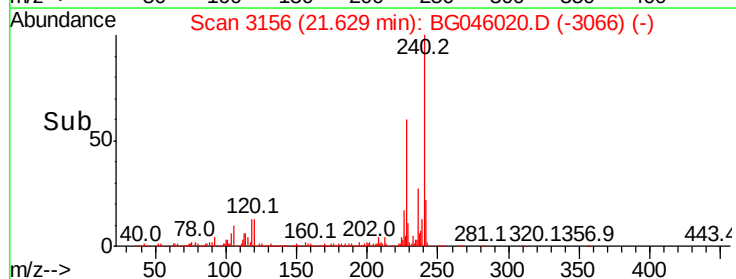
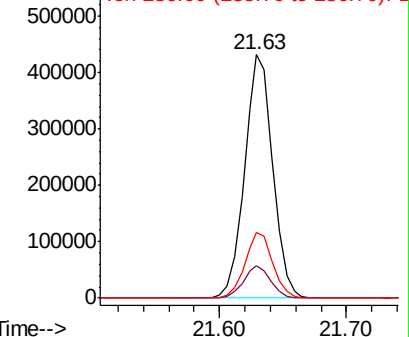


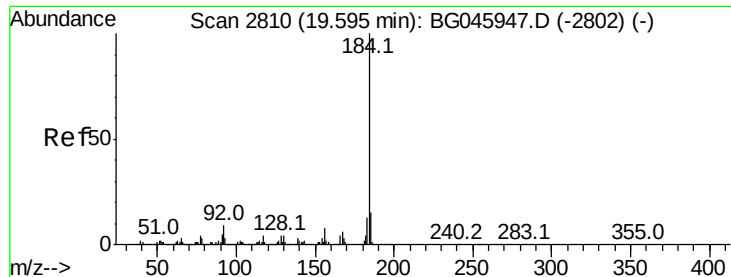
Abundance

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: 70.381 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

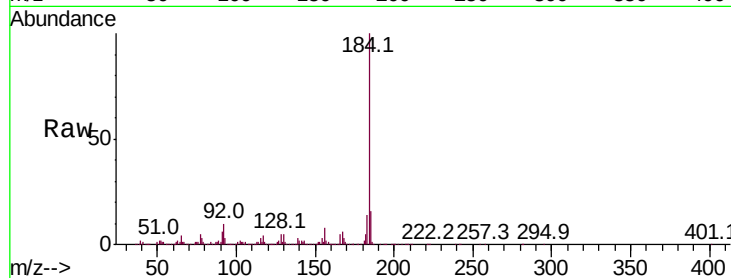
BNA_G

ClientSampleId :

PB130142BS

Tot Ion:184 Resp: 1332869

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.6	17.4
183	14.5	10.4	15.6

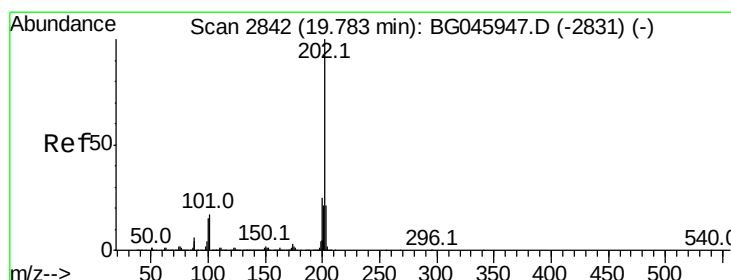
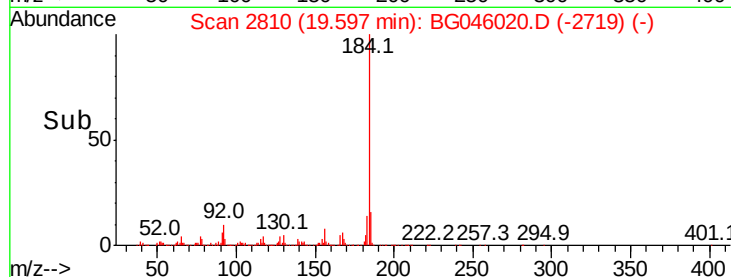
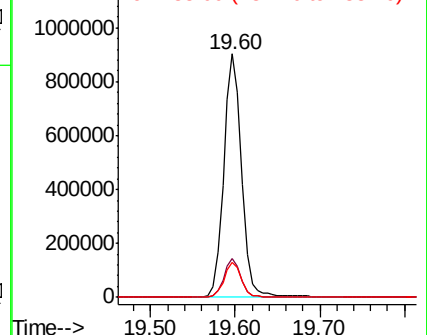


Abundance

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: 43.009 ng

RT: 19.78 min Scan# 2841

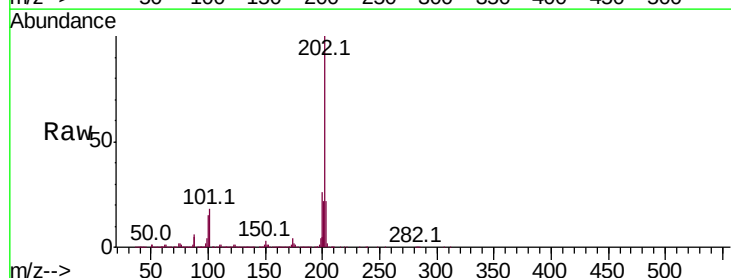
Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:202 Resp: 1944497

Ion	Ratio	Lower	Upper
202	100		
200	25.9	20.1	30.1
203	22.0	16.5	24.7

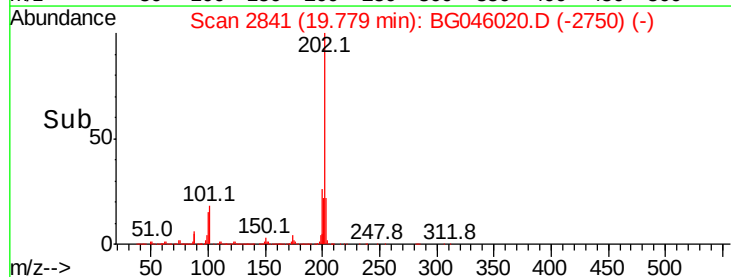
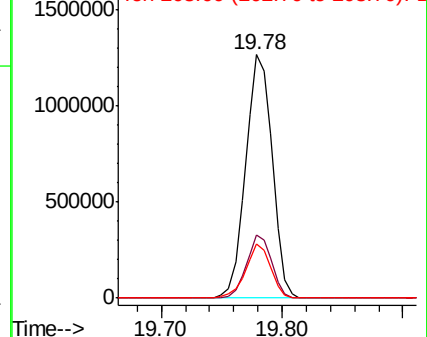


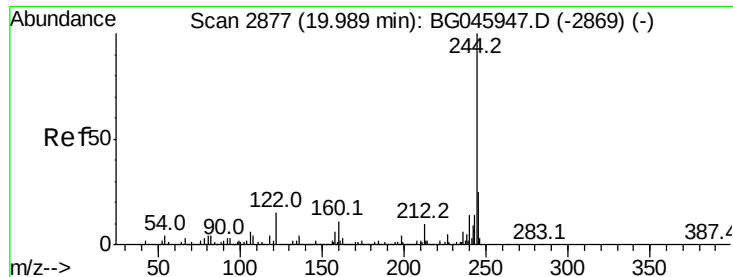
Abundance

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



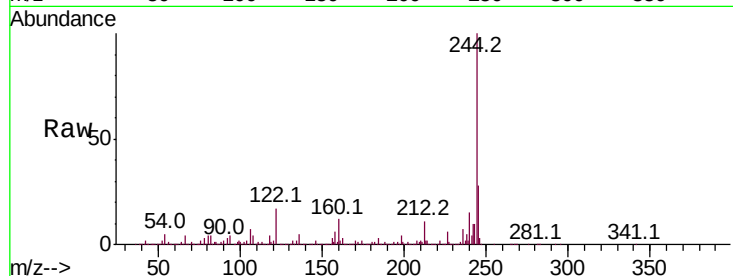


#79
 Terphenyl-d14
 Concen: 89.251 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

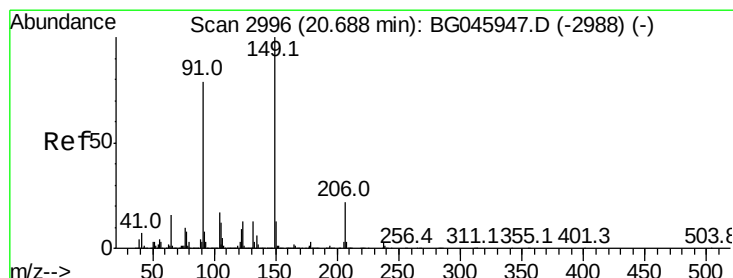
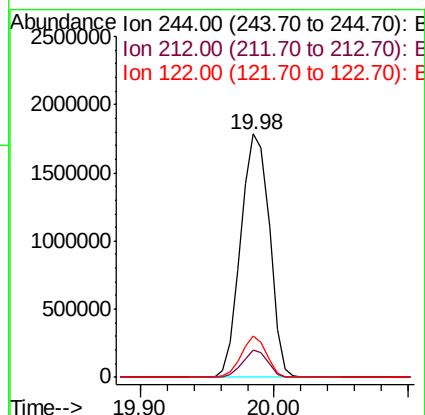
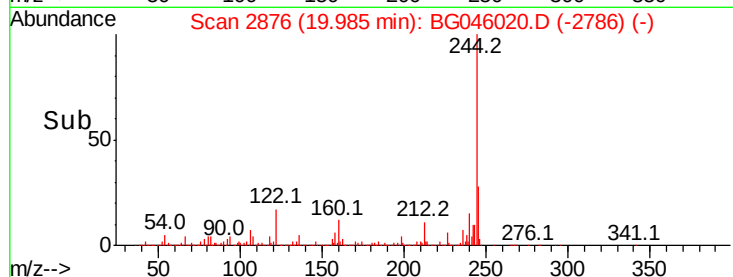
Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion:244 Resp: 2656209

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.3	12.5
122	16.9	12.1	18.1



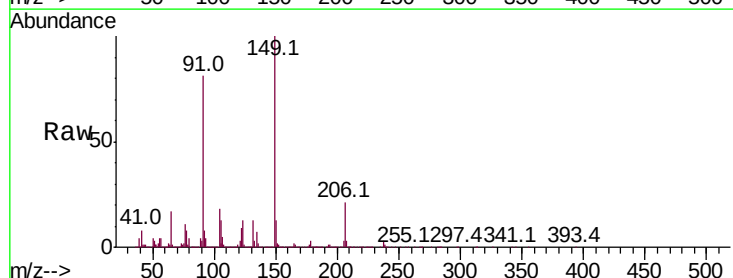
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



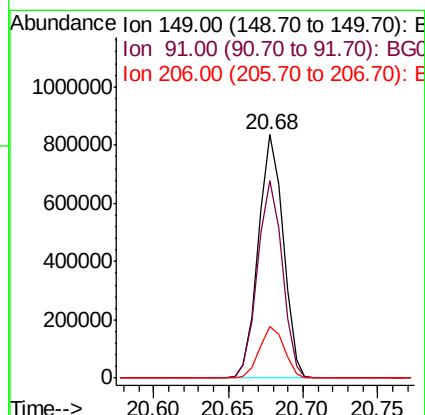
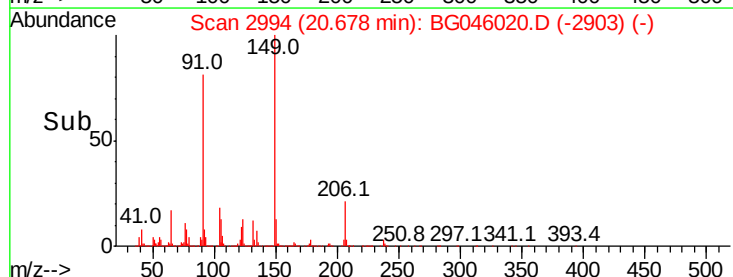
#80
 Butylbenzylphthalate
 Concen: 44.726 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

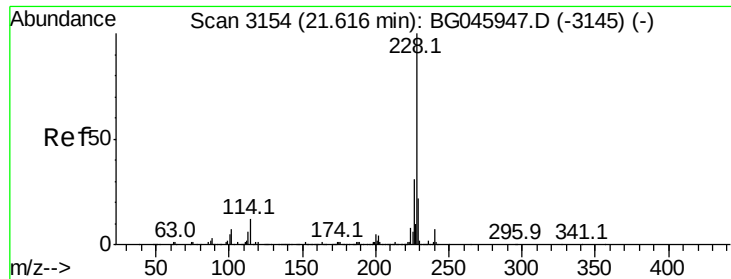
Tgt Ion:149 Resp: 955568

Ion	Ratio	Lower	Upper
149	100		
91	81.3	63.1	94.7
206	21.0	17.4	26.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

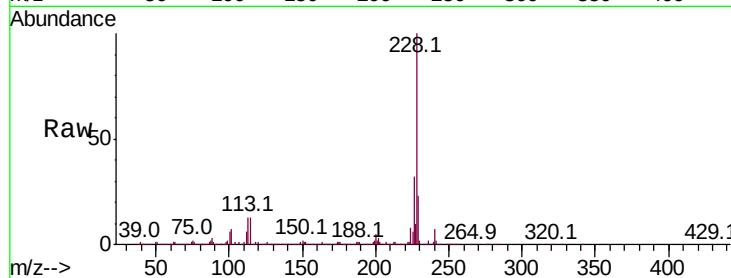




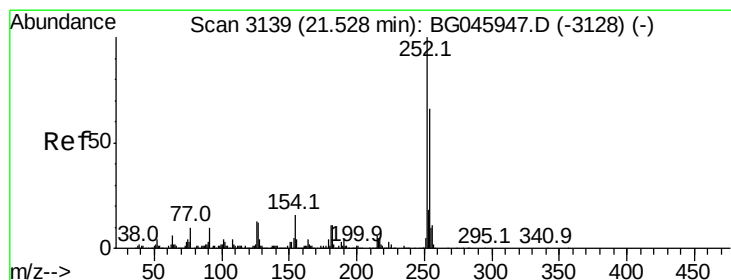
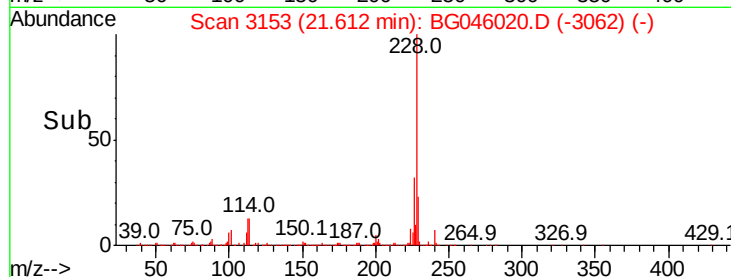
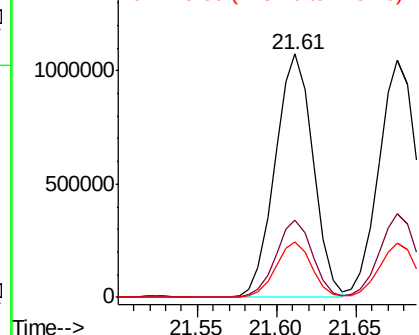
#81
Benzo(a)anthracene
Concen: 41.104 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB130142BS

Tot Ion:228 Resp: 1790140
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 22.5 17.8 26.8

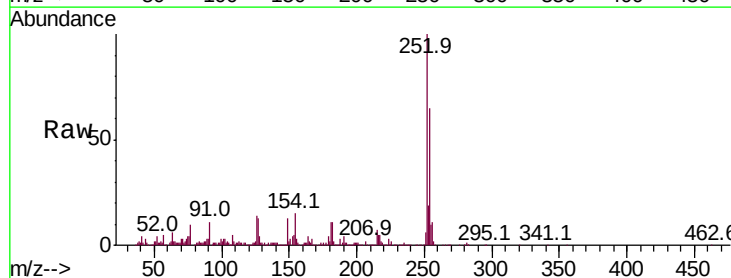


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

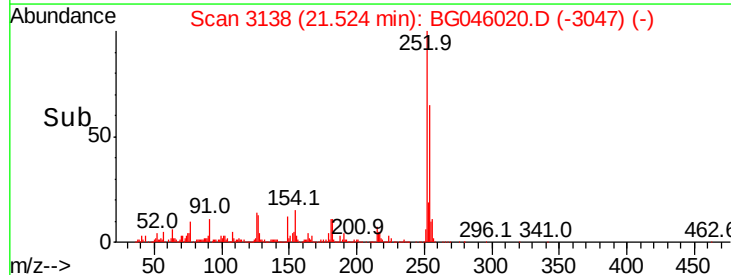
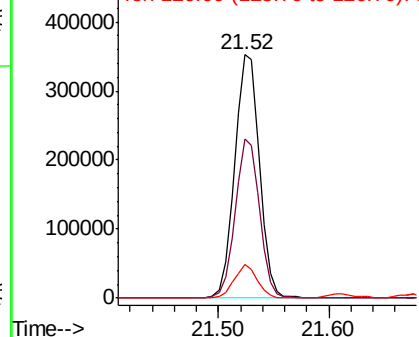


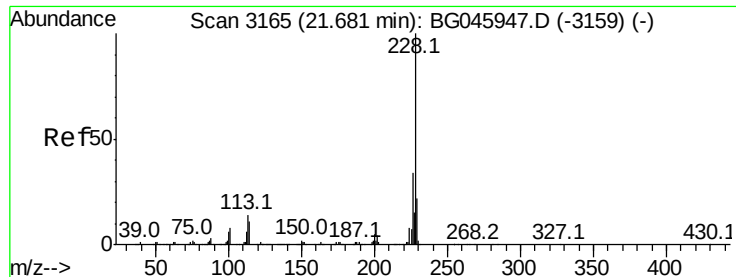
#82
3,3'-Dichlorobenzidine
Concen: 34.490 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:252 Resp: 555042
Ion Ratio Lower Upper
252 100
254 65.4 52.9 79.3
126 14.0 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

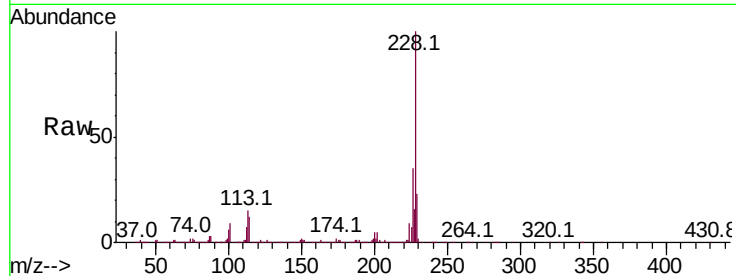




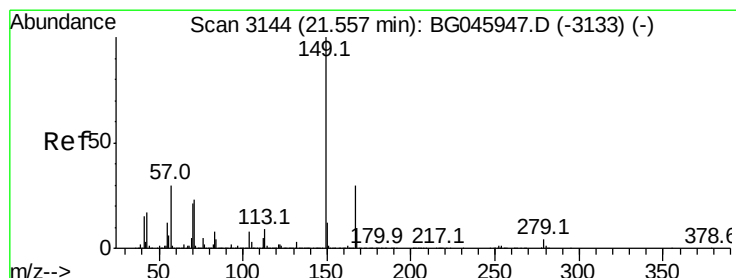
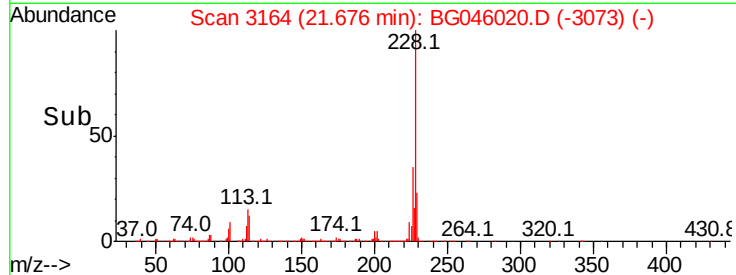
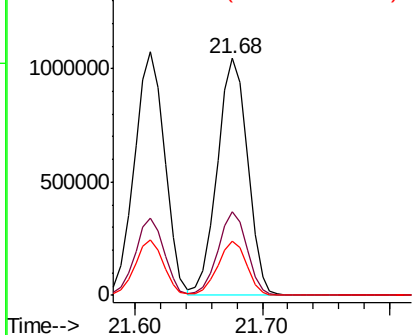
#83
Chrysene
Concen: 41.775 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion:228 Resp: 1733227
Ion Ratio Lower Upper
228 100
226 35.1 26.7 40.1
229 23.1 17.3 25.9

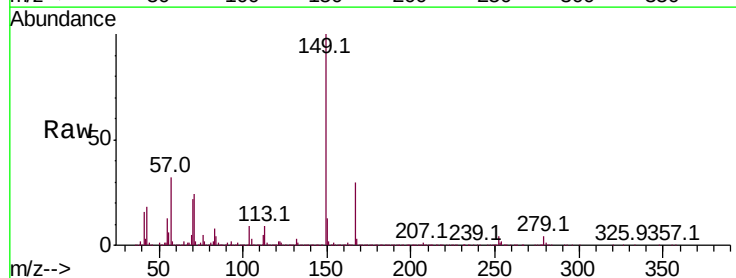


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

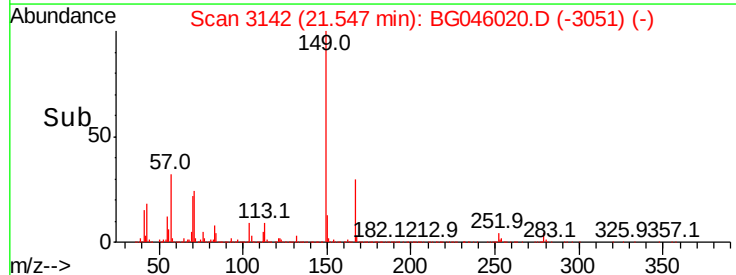
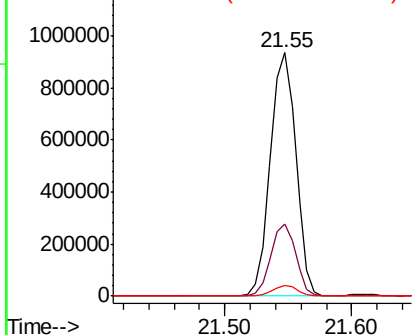


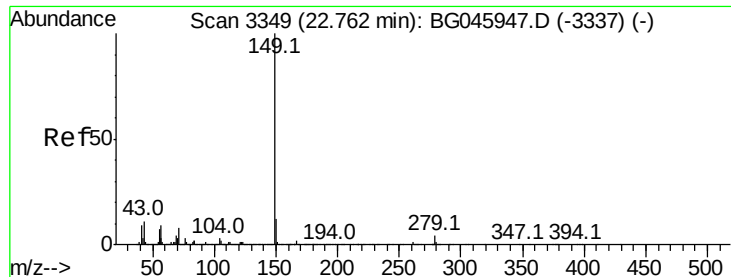
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.255 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:149 Resp: 1310475
Ion Ratio Lower Upper
149 100
167 29.8 23.8 35.8
279 4.3 3.5 5.3



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: 41.987 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

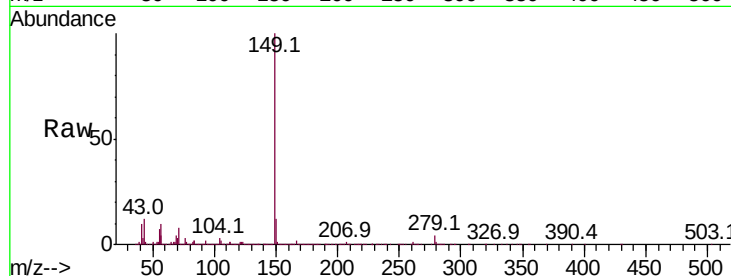
Tot Ion:149 Resp: 2259722

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

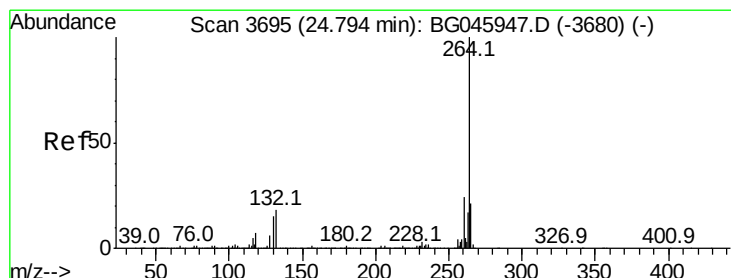
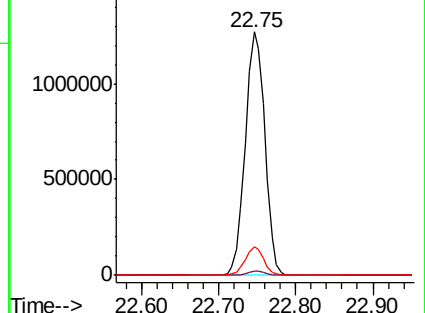
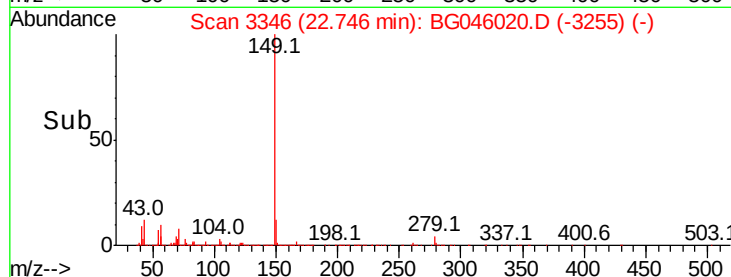
43 11.0 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

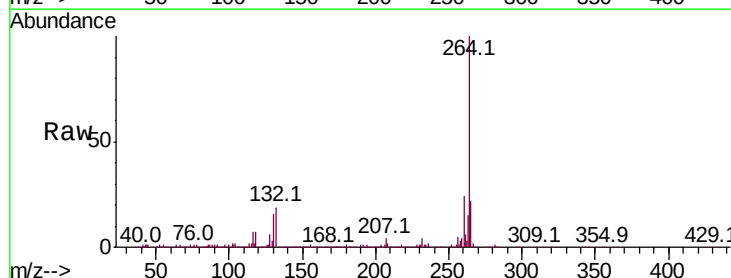
Tgt Ion:264 Resp: 692110

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

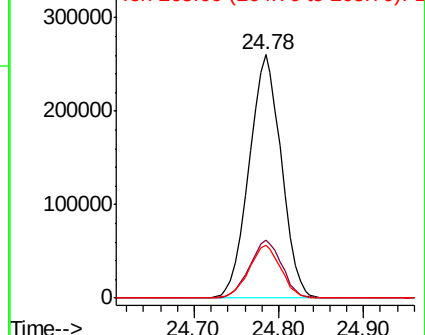
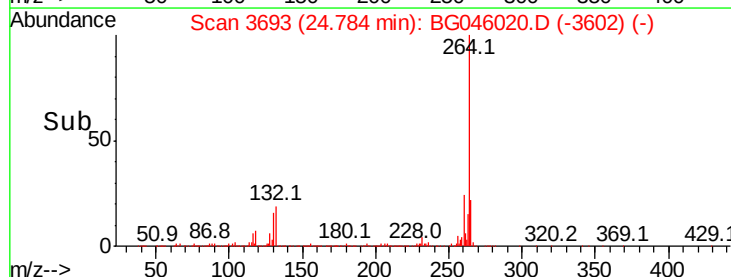
265 21.9 16.9 25.3

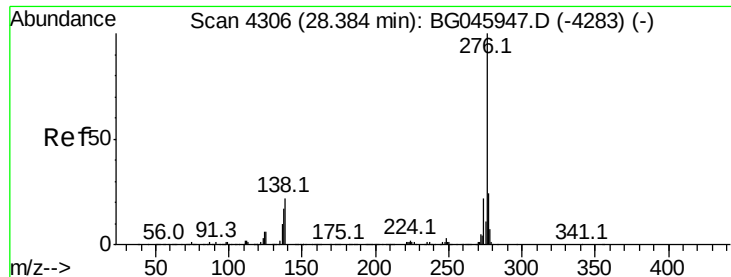


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.029 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.02 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

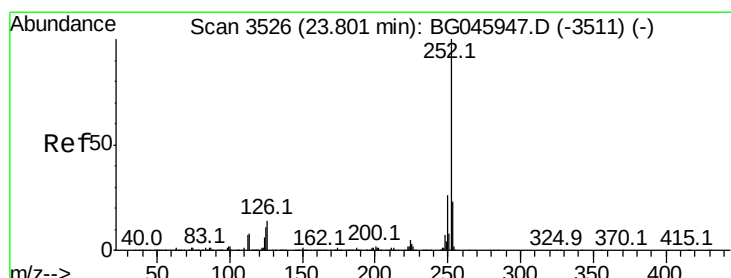
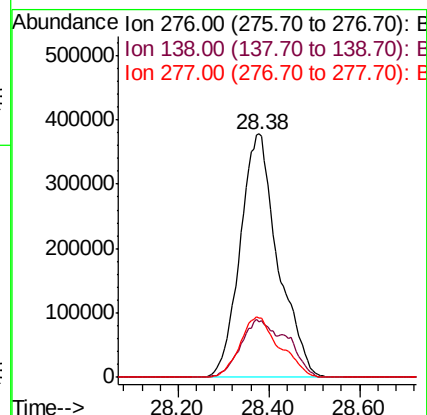
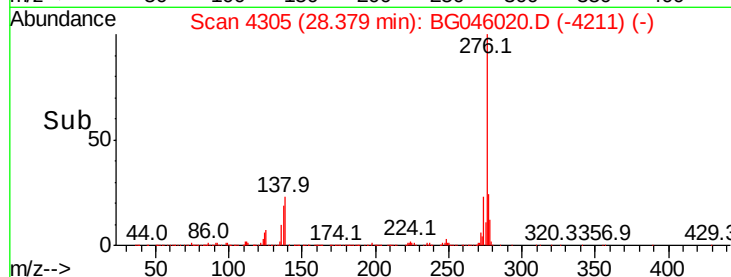
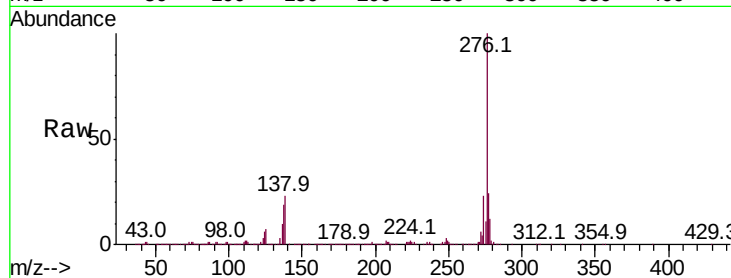
BNA_G

ClientSampleId :

PB130142BS

Tot Ion:276 Resp: 2178703

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	26.2	20.6	31.0



#88

Benzo(b)fluoranthene

Concen: 43.468 ng

RT: 23.79 min Scan# 3524

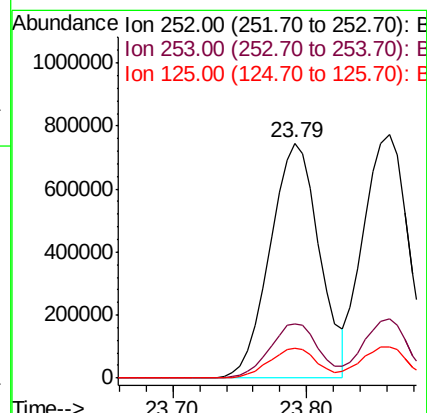
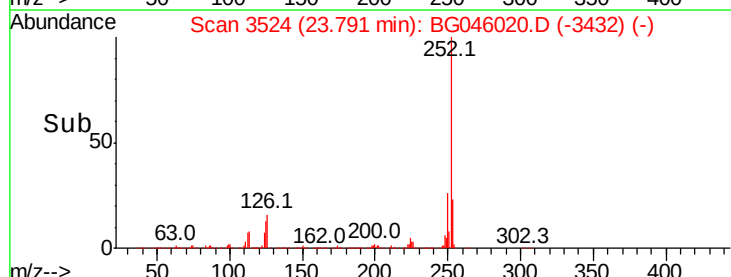
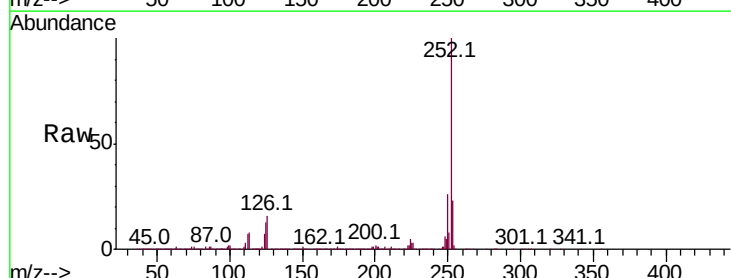
Delta R.T. 0.01 min

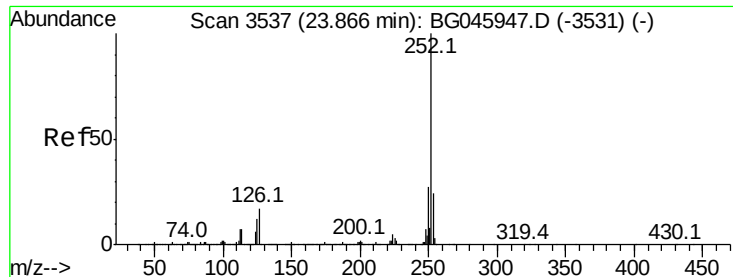
Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:252 Resp: 1909779

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.6	9.2	13.8

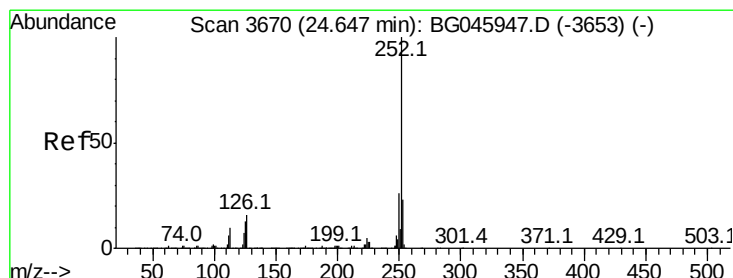
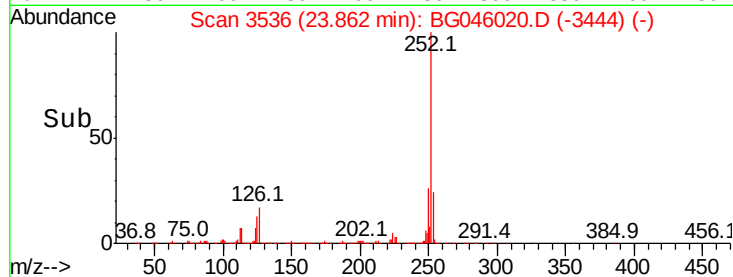
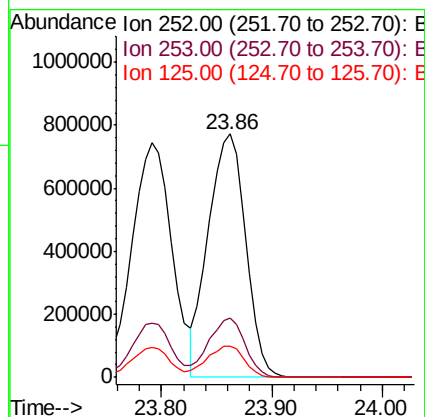
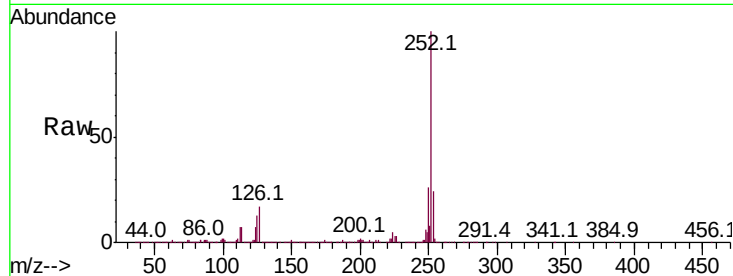




#89
Benzo(k)fluoranthene
Concen: 43.300 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

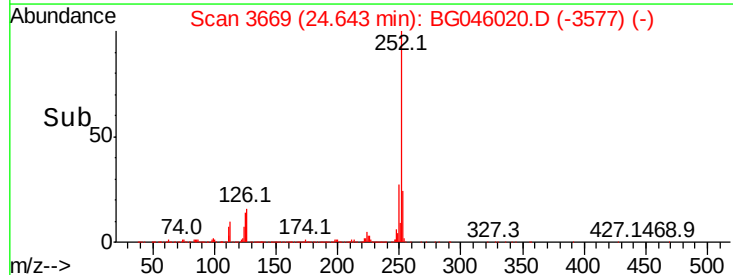
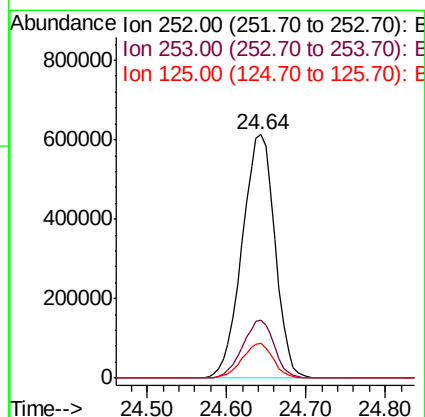
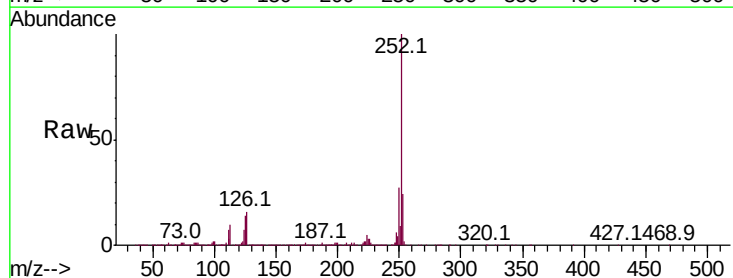
Instrument :
BNA_G
ClientSampleId :
PB130142BS

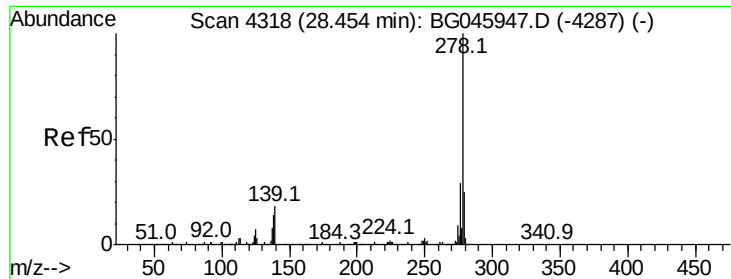
Tot Ion:252 Resp: 1798840
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 13.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 42.616 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:252 Resp: 1760657
Ion Ratio Lower Upper
252 100
253 23.8 18.6 28.0
125 14.1 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 43.550 ng

RT: 28.44 min Scan# 4316

Delta R.T. 0.01 min

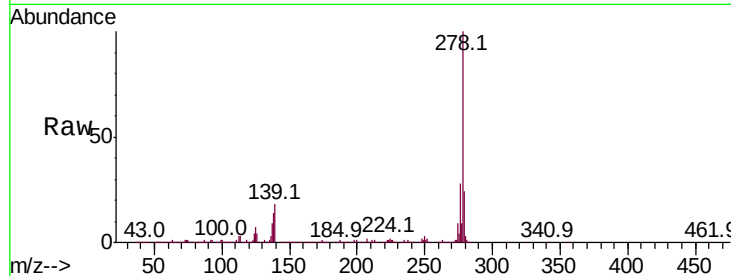
Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion:278 Resp: 1778510

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.3	21.5
279	24.1	19.8	29.6

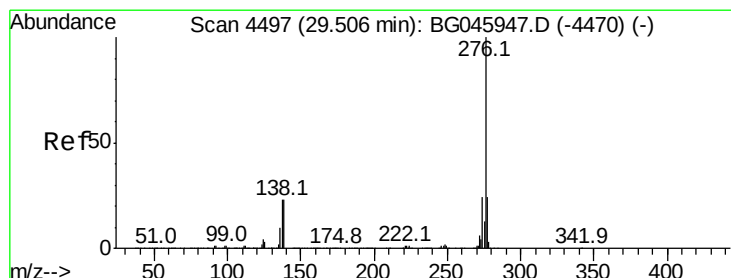
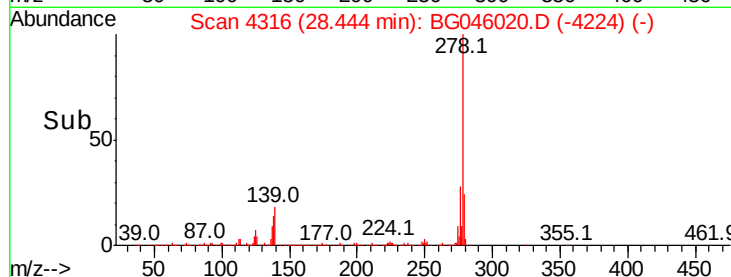
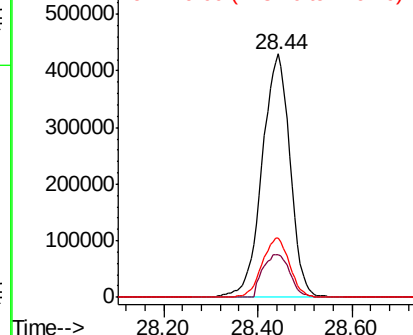


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.217 ng

RT: 29.49 min Scan# 4494

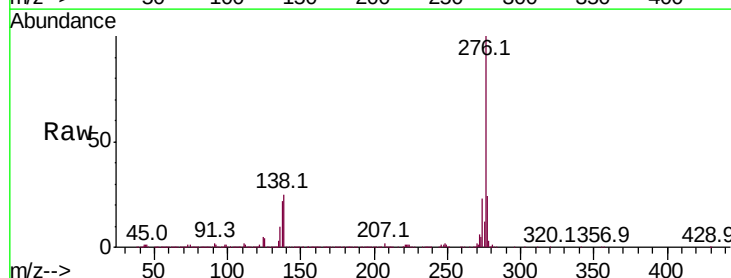
Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:276 Resp: 1776105

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	25.2	18.6	28.0



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

