

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
 Data File : BG046024.D
 Acq On : 13 Jul 2020 15:55
 Operator : CG/JU
 Sample : PB130129BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Quant Time: Jul 13 16:31:58 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	140830	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	565340	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	350190	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	759374	20.00	ng	0.00
76) Chrysene-d12	21.63	240	635071	20.00	ng	0.00
86) Perylene-d12	24.78	264	661671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	748891	86.24	ng	0.00
7) Phenol-d6	7.17	99	1032901	82.61	ng	0.00
23) Nitrobenzene-d5	9.16	82	905708	92.21	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	276875	85.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1692709	75.40	ng	0.00
79) Terphenyl-d14	19.98	244	2278123	79.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	128583	32.093	ng	98
3) Pyridine	3.89	79	429565	35.458	ng	99
4) n-Nitrosodimethylamine	3.81	42	178960	43.686	ng	# 97
6) Aniline	7.32	93	495854	31.002	ng	99
8) 2-Chlorophenol	7.57	128	426528	45.626	ng	97
9) Benzaldehyde	7.14	77	142224	17.954	ng	96
10) Phenol	7.20	94	574891	45.838	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	409542	39.489	ng	97
12) 1,3-Dichlorobenzene	7.89	146	412836	38.313	ng	98
13) 1,4-Dichlorobenzene	8.04	146	416723	39.313	ng	98
14) 1,2-Dichlorobenzene	8.36	146	390833	38.310	ng	98
15) Benzyl Alcohol	8.24	79	408186	41.637	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	529741	39.149	ng	98
17) 2-Methylphenol	8.45	107	385101	40.921	ng	98
18) Hexachloroethane	9.09	117	158224	38.794	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	345491	39.335	ng	98
20) 3+4-Methylphenols	8.77	107	529319	41.270	ng	99
22) Acetophenone	8.82	105	585328	38.756	ng	# 97
24) Nitrobenzene	9.20	77	498158	45.951	ng	99
25) Isophorone	9.73	82	900351	37.549	ng	99
26) 2-Nitrophenol	9.91	139	189764	53.703	ng	95
27) 2,4-Dimethylphenol	9.97	122	377217	44.197	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	539385	40.059	ng	98
29) 2,4-Dichlorophenol	10.45	162	395370	44.749	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	373733	38.177	ng	99
31) Naphthalene	10.85	128	1181904	38.998	ng	100
32) Benzoic acid	10.12	122	258275	49.339	ng	95
33) 4-Chloroaniline	10.95	127	303171	22.386	ng	98
34) Hexachlorobutadiene	11.15	225	204082	35.704	ng	98
35) Caprolactam	11.72	113	117560	35.046	ng	91
36) 4-Chloro-3-methylphenol	12.08	107	467456	46.453	ng	100
37) 2-Methylnaphthalene	12.46	142	856267	39.745	ng	99
38) 1-Methylnaphthalene	12.68	142	821333	40.396	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	373542	37.840	ng	99

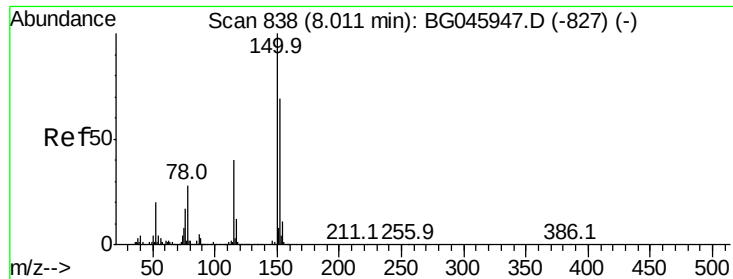
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	366536	62.576	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	293454	43.956	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	330611	43.798	ng	97
46) 1,1'-Biphenyl	13.46	154	1034457	39.268	ng	98
47) 2-Chloronaphthalene	13.50	162	802040	38.587	ng	98
48) 2-Nitroaniline	13.70	65	306329	52.250	ng	98
49) Acenaphthylene	14.35	152	1312439	39.136	ng	99
50) Dimethylphthalate	14.09	163	1033197	39.314	ng	99
51) 2,6-Dinitrotoluene	14.19	165	231178	49.099	ng	98
52) Acenaphthene	14.69	154	904524	42.762	ng	99
53) 3-Nitroaniline	14.52	138	216886	38.249	ng	# 87
54) 2,4-Dinitrophenol	14.73	184	158880	89.561	ng	# 86
55) Dibenzofuran	15.03	168	1223854	39.470	ng	99
56) 4-Nitrophenol	14.84	139	445564	104.063	ng	99
57) 2,4-Dinitrotoluene	14.98	165	311133	51.282	ng	90
58) Fluorene	15.67	166	1016347	39.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	271112	46.518	ng	99
60) Diethylphthalate	15.45	149	1080687	39.210	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	483240	38.187	ng	99
62) 4-Nitroaniline	15.69	138	273648	50.379	ng	94
63) Azobenzene	15.96	77	1223022	41.344	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	127316	48.595	ng	98
66) n-Nitrosodiphenylamine	15.88	169	924914	39.305	ng	96
67) 4-Bromophenyl-phenylether	16.56	248	320814	37.827	ng	98
68) Hexachlorobenzene	16.68	284	327864	38.524	ng	98
69) Atrazine	16.83	200	296845	42.666	ng	99
70) Pentachlorophenol	17.02	266	404420	85.468	ng	99
71) Phenanthrene	17.41	178	1580795	39.376	ng	97
72) Anthracene	17.50	178	1628825	39.979	ng	99
73) Carbazole	17.77	167	1559415	38.186	ng	100
74) Di-n-butylphthalate	18.34	149	1875928	38.014	ng	100
75) Fluoranthene	19.42	202	1820730	39.232	ng	99
77) Benzidine	19.60	184	1024370	56.413	ng	97
78) Pyrene	19.78	202	1793221	41.366	ng	99
80) Butylbenzylphthalate	20.68	149	863665	42.160	ng	96
81) Benzo(a)anthracene	21.61	228	1641931	39.320	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	501256	32.485	ng	99
83) Chrysene	21.67	228	1593784	40.063	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1208281	40.633	ng	99
85) Di-n-octyl phthalate	22.74	149	2054352	39.810	ng	100
87) Indeno(1,2,3-cd)pyrene	28.37	276	2039504	42.133	ng	99
88) Benzo(b)fluoranthene	23.79	252	1738854	41.398	ng	98
89) Benzo(k)fluoranthene	23.85	252	1706215	42.960	ng	99
90) Benzo(a)pyrene	24.64	252	1629100	41.246	ng	98
91) Dibenzo(a,h)anthracene	28.43	278	1636577	41.918	ng	99
92) Benzo(g,h,i)perylene	29.49	276	1647090	41.921	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

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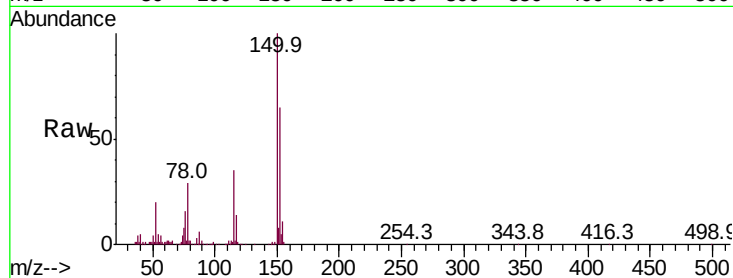
Tot Ion:152 Resp: 140830

Ion Ratio Lower Upper

152 100

150 153.7 116.7 175.1

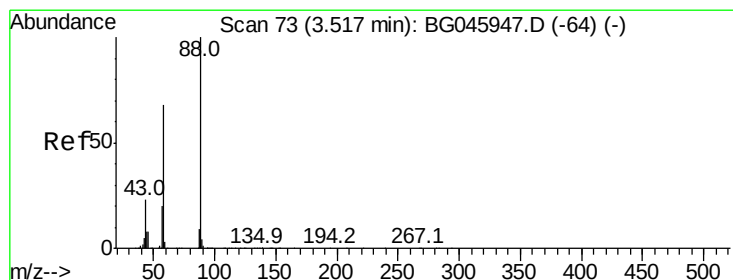
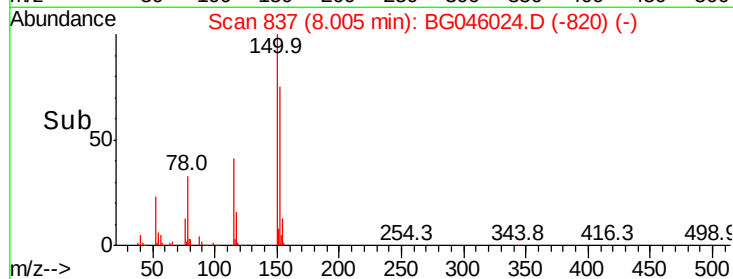
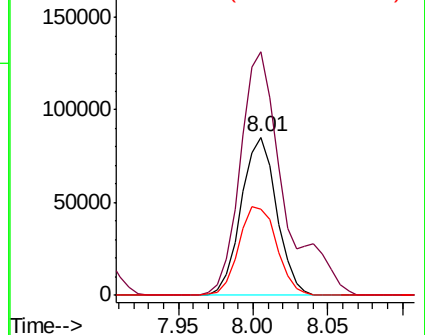
115 54.1 47.4 71.0



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: 32.093 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

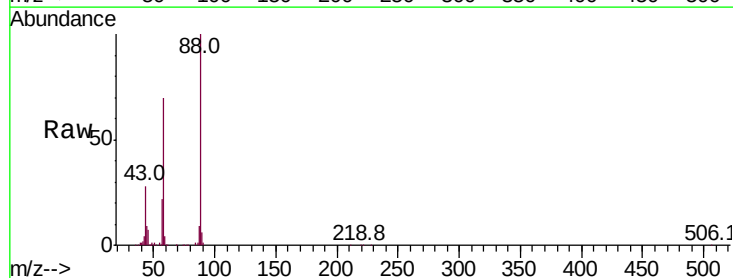
Tgt Ion: 88 Resp: 128583

Ion Ratio Lower Upper

88 100

58 70.6 55.2 82.8

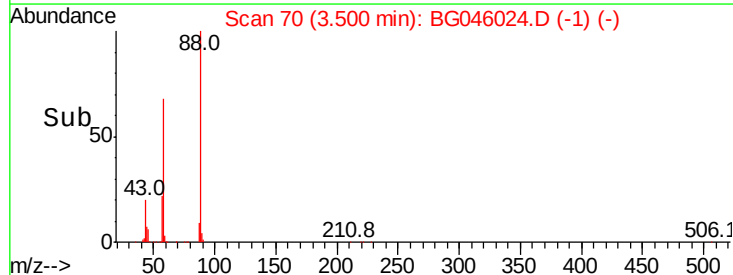
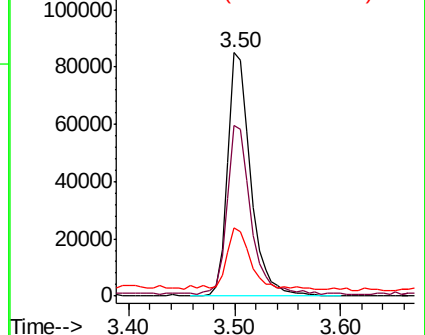
43 26.2 19.4 29.0

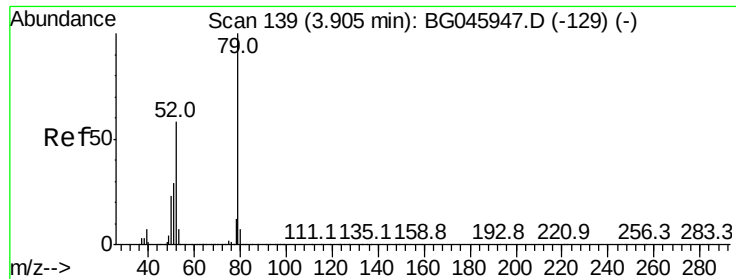


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.458 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

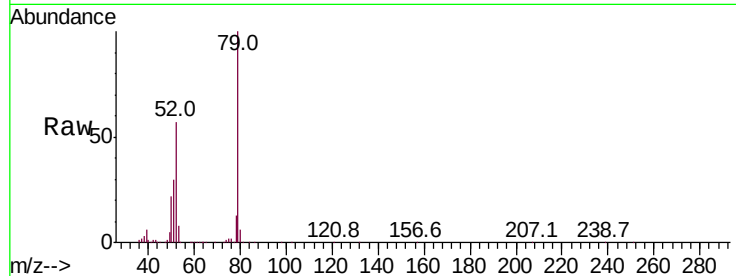
Tot Ion: 79 Resp: 429565

Ion Ratio Lower Upper

79 100

52 57.2 46.5 69.7

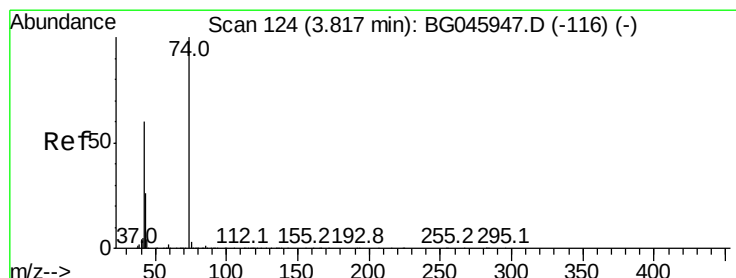
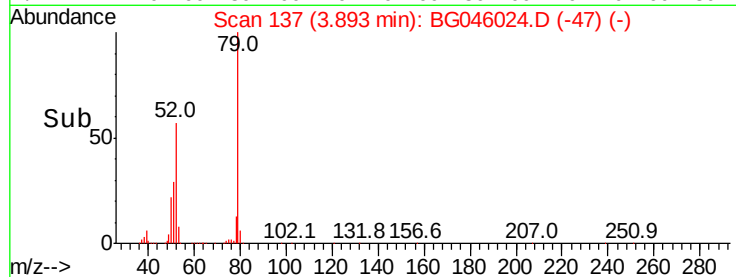
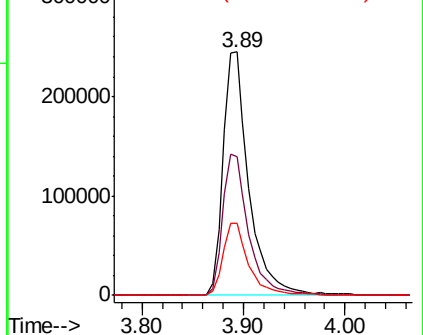
51 29.7 23.5 35.3



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: 43.686 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

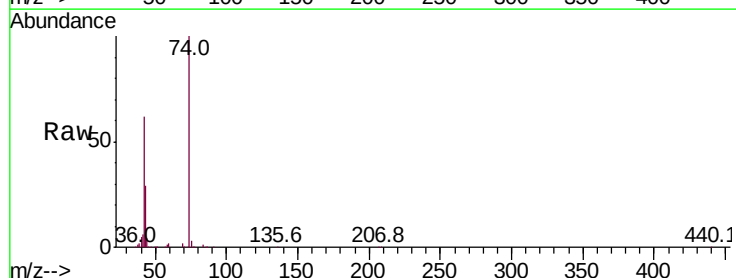
Tgt Ion: 42 Resp: 178960

Ion Ratio Lower Upper

42 100

74 160.8 131.9 197.9

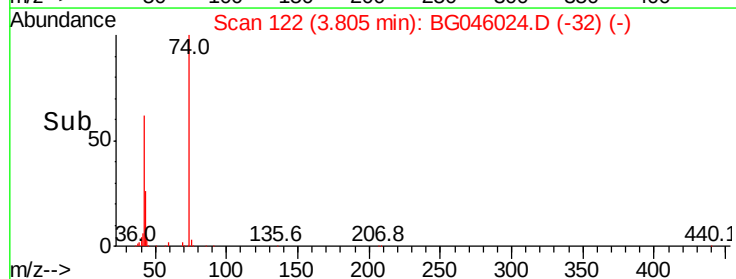
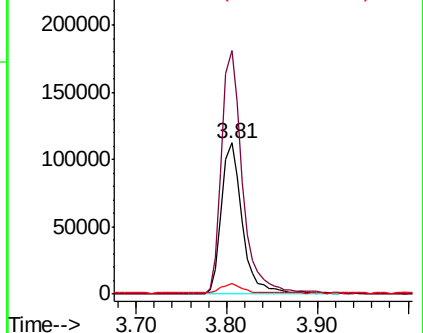
44 7.2 7.7 11.5#

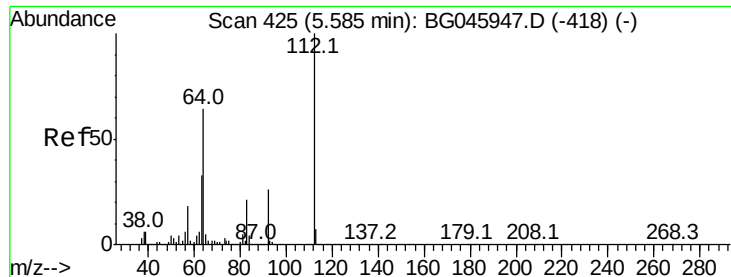


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 86.235 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046024.D

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Instrument :

BNA_G

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PB130129BSD

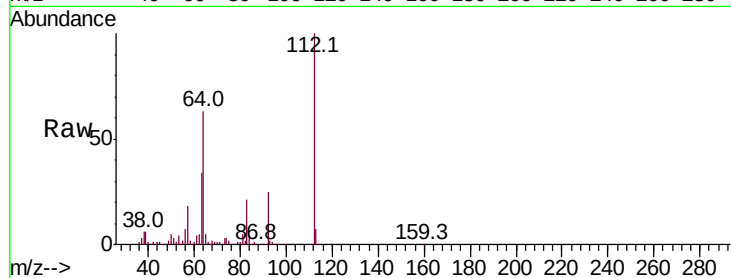
Tot Ion:112 Resp: 748891

Ion Ratio Lower Upper

112 100

64 62.8 51.4 77.2

63 34.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

600000

500000

400000

300000

200000

100000

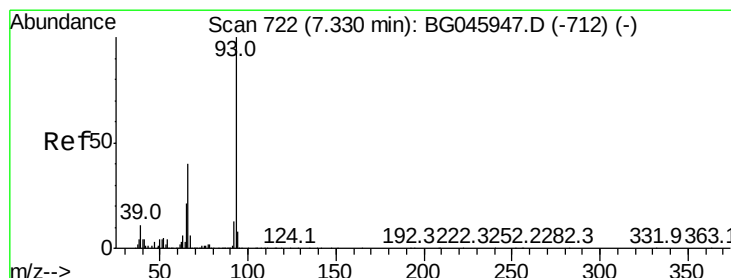
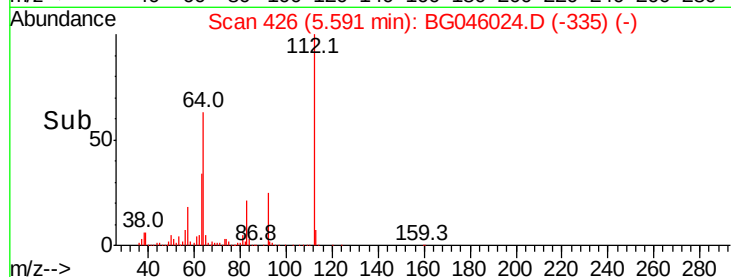
0

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 31.002 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

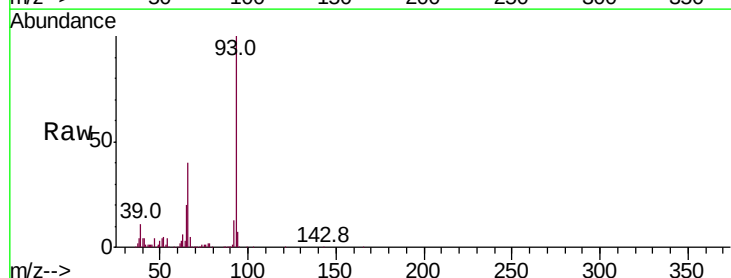
Tgt Ion: 93 Resp: 495854

Ion Ratio Lower Upper

93 100

66 40.2 32.3 48.5

65 20.3 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

300000

200000

100000

0

7.20

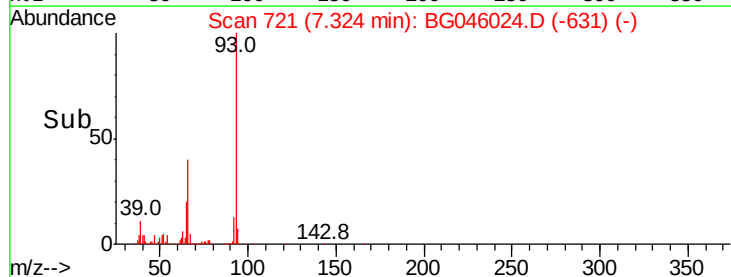
7.25

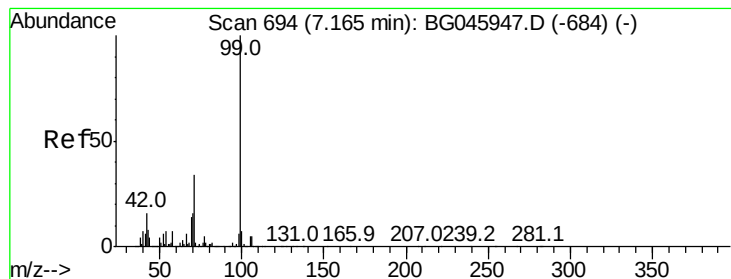
7.30

7.35

7.40

Time-->





#7

Phenol-d6

Concen: 82.613 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

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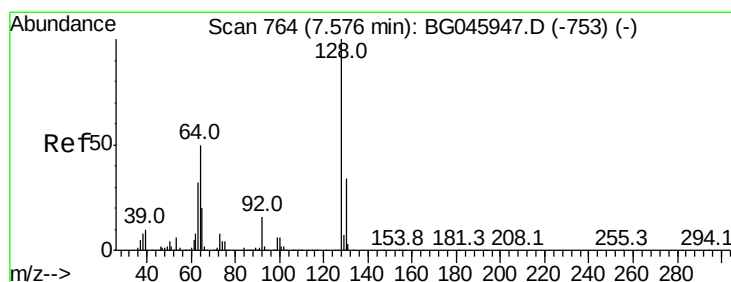
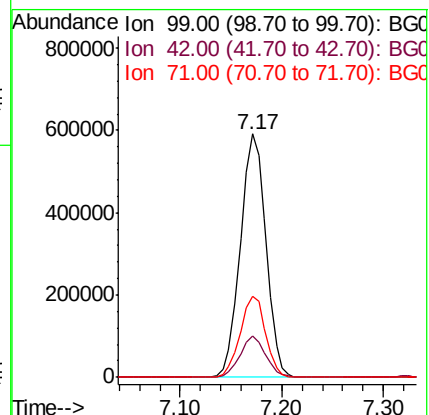
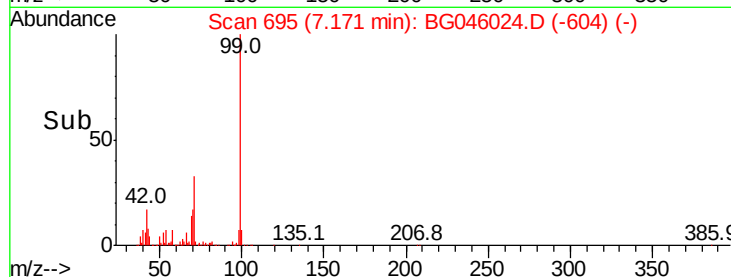
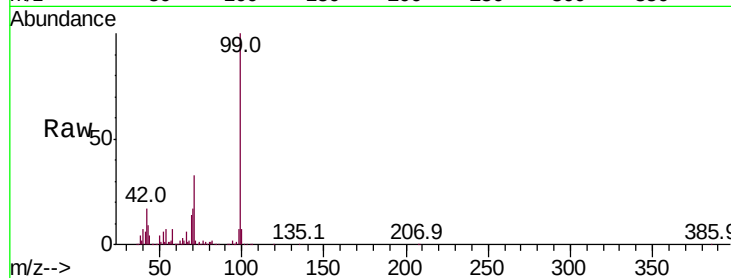
Tot Ion: 99 Resp: 1032901

Ion Ratio Lower Upper

99 100

42 16.9 13.0 19.4

71 33.4 27.5 41.3



#8

2-Chlorophenol

Concen: 45.626 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

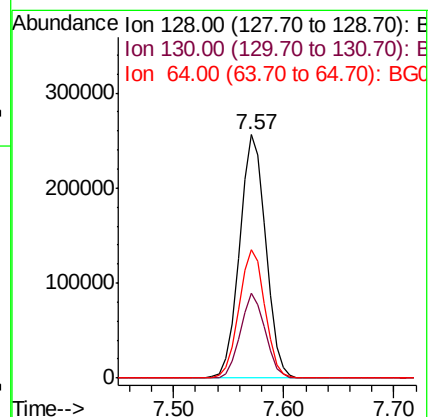
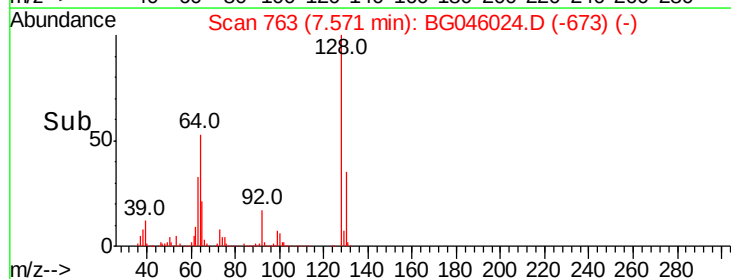
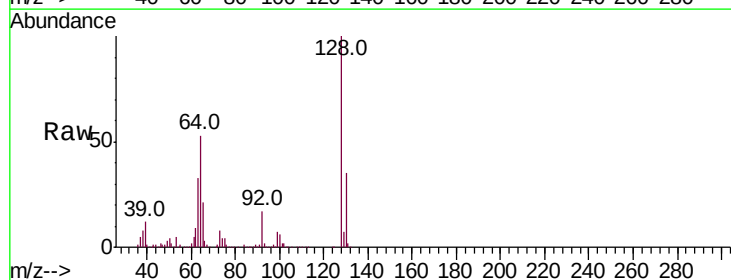
Tgt Ion: 128 Resp: 426528

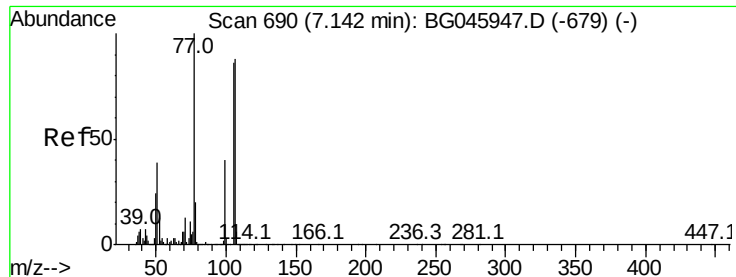
Ion Ratio Lower Upper

128 100

130 34.9 13.6 53.6

64 52.8 30.6 70.6





#9

Benzaldehyde

Concen: 17.954 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

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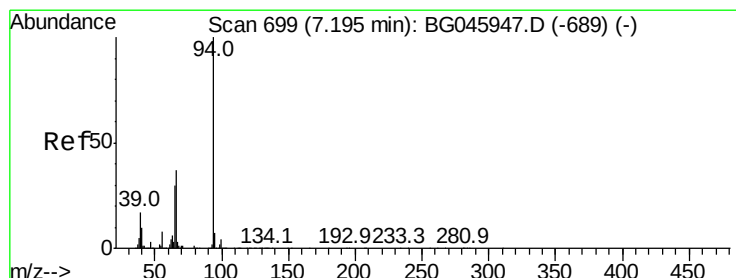
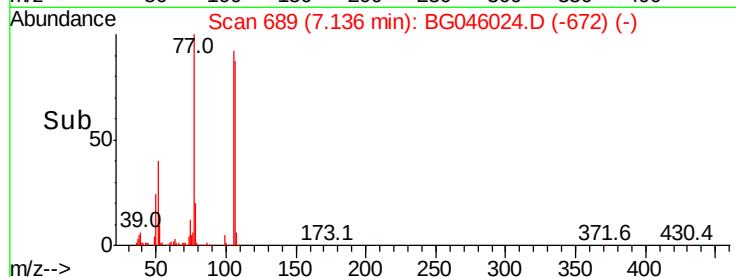
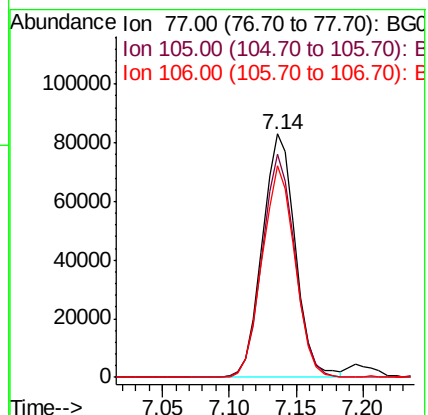
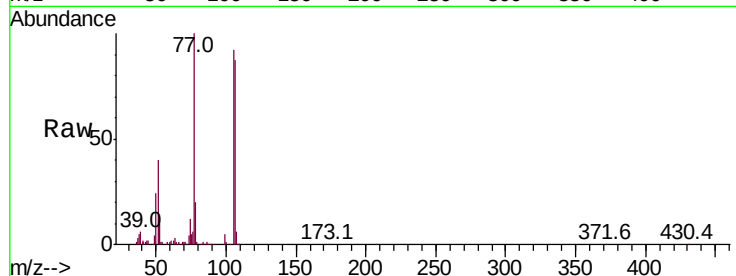
Tot Ion: 77 Resp: 142224

Ion Ratio Lower Upper

77 100

105 91.9 66.0 106.0

106 86.7 67.7 107.7



#10

Phenol

Concen: 45.838 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

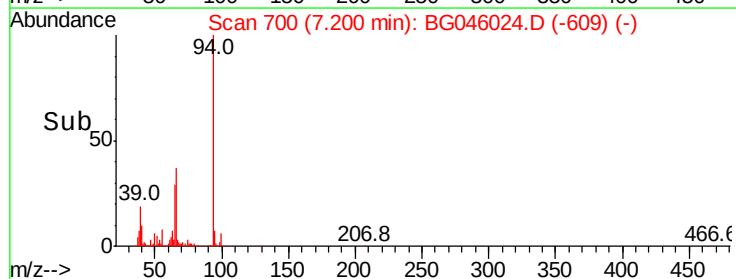
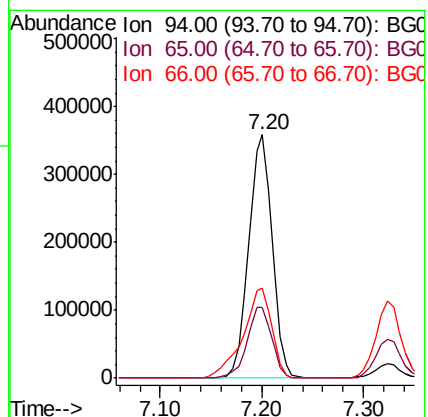
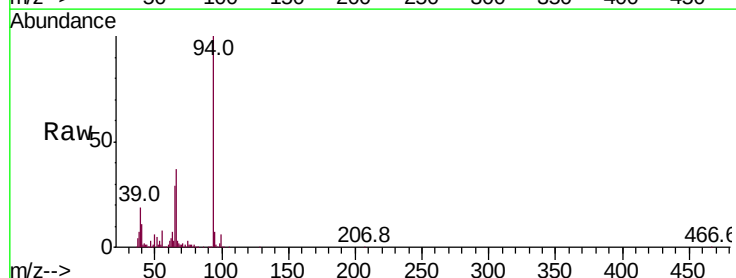
Tgt Ion: 94 Resp: 574891

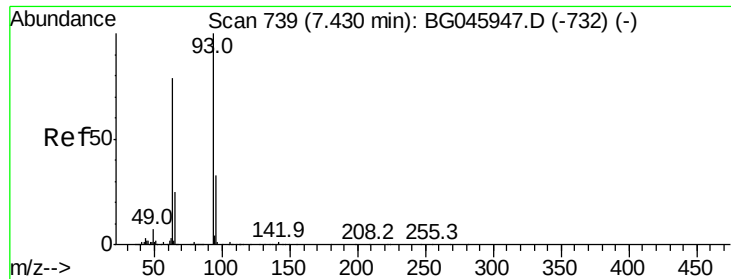
Ion Ratio Lower Upper

94 100

65 29.2 10.6 50.6

66 37.1 17.1 57.1

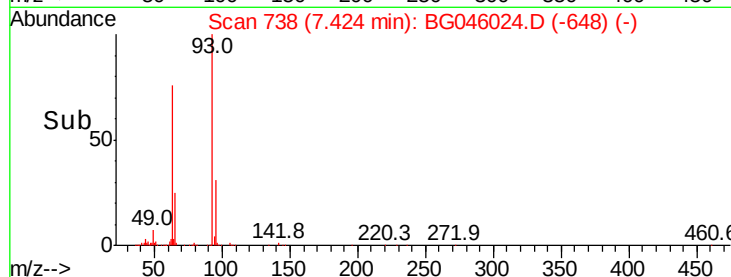
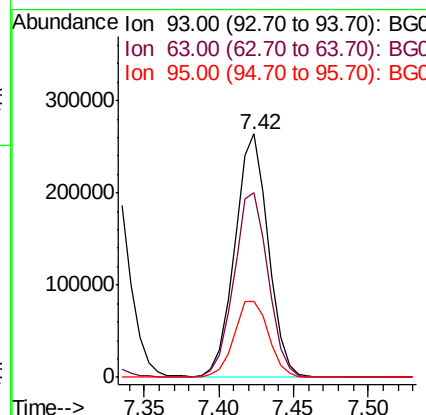
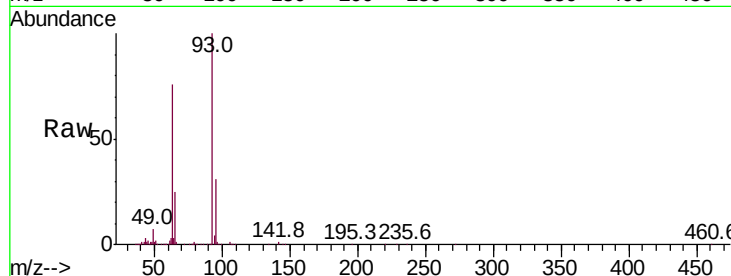




#11
bis(2-Chloroethyl)ether
Concen: 39.489 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

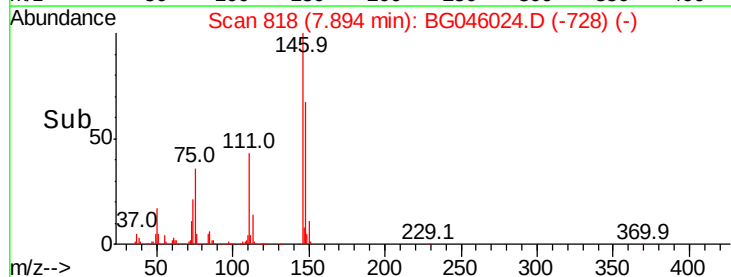
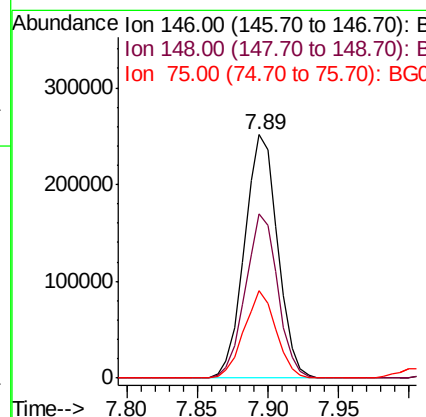
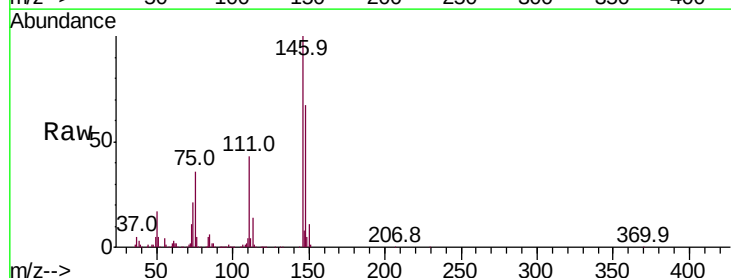
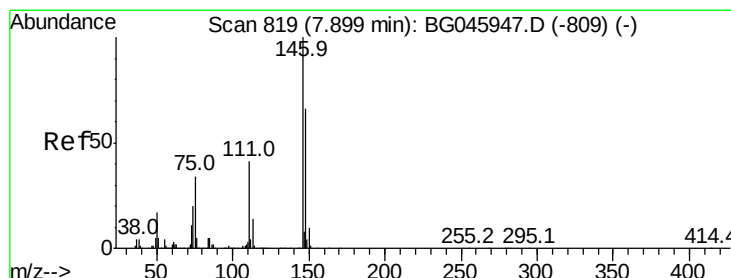
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

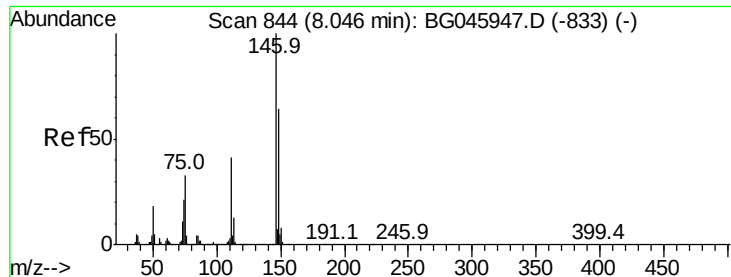
Tot Ion: 93 Resp: 409542
Ion Ratio Lower Upper
93 100
63 76.1 58.6 98.6
95 31.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.313 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion: 146 Resp: 412836
Ion Ratio Lower Upper
146 100
148 67.4 52.8 79.2
75 35.8 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 39.313 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

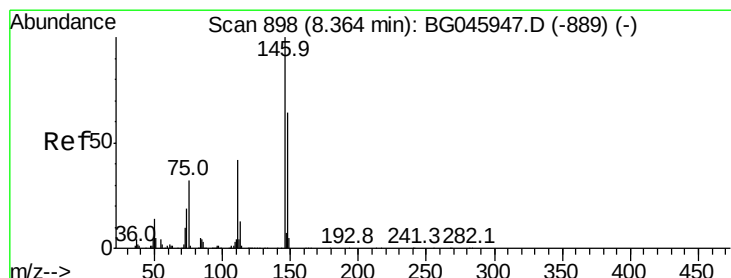
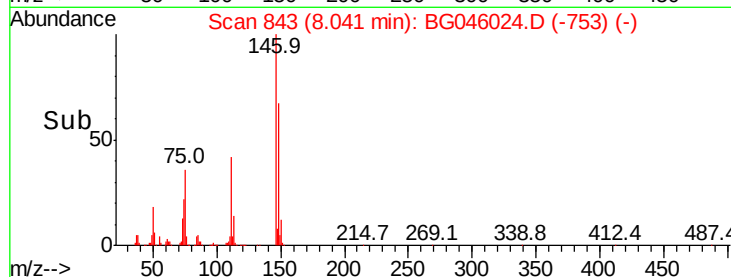
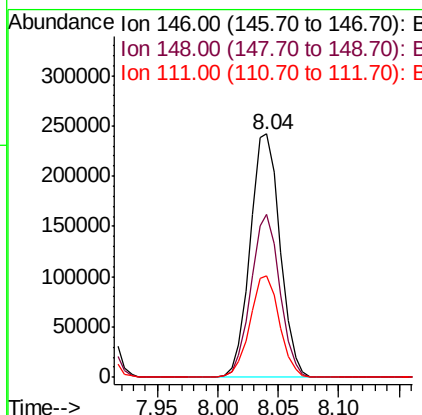
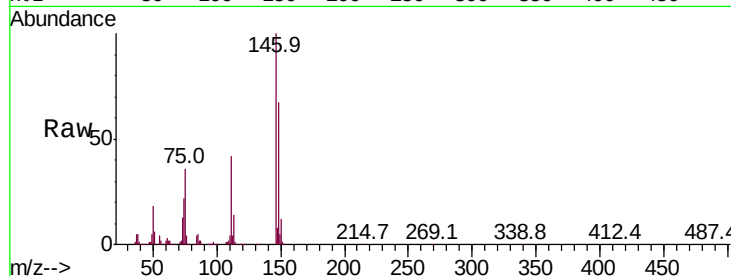
Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion:146 Resp: 416723

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.7	77.5
111	41.8	33.3	49.9



#14

1,2-Dichlorobenzene

Concen: 38.310 ng

RT: 8.36 min Scan# 897

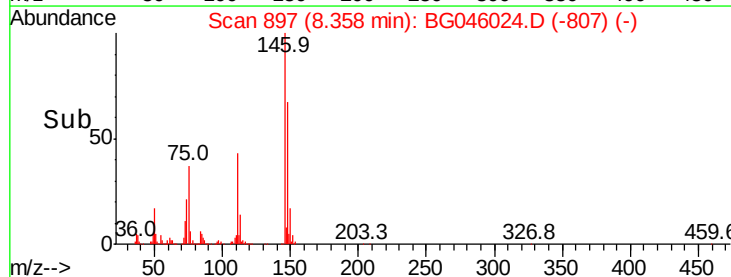
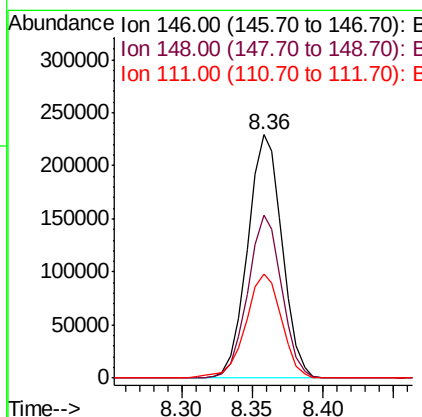
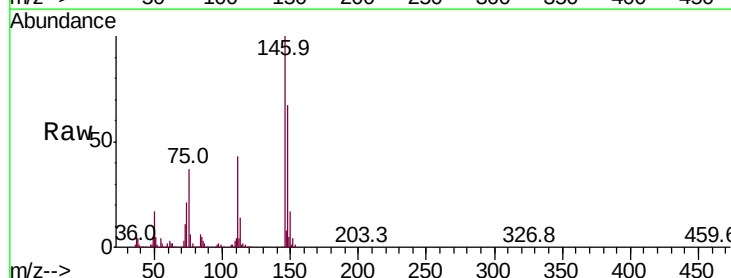
Delta R.T. 0.00 min

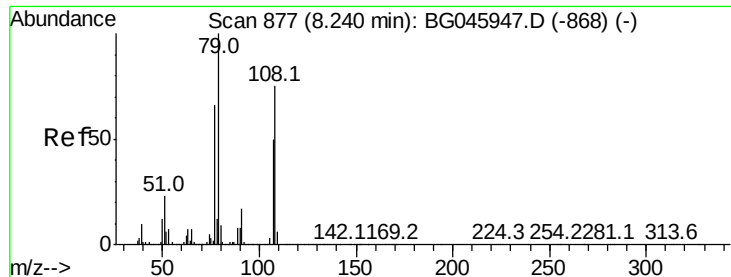
Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:146 Resp: 390833

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
111	42.7	34.0	51.0





#15

Benzyl Alcohol

Concen: 41.637 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

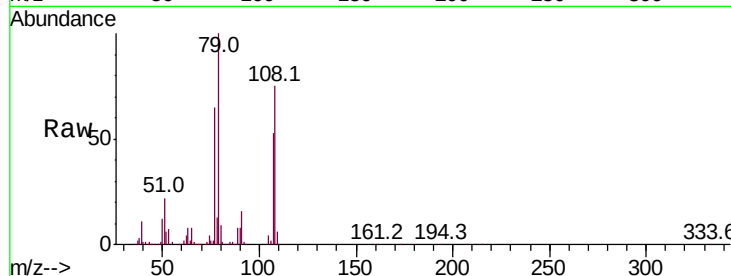
Tot Ion: 79 Resp: 408186

Ion Ratio Lower Upper

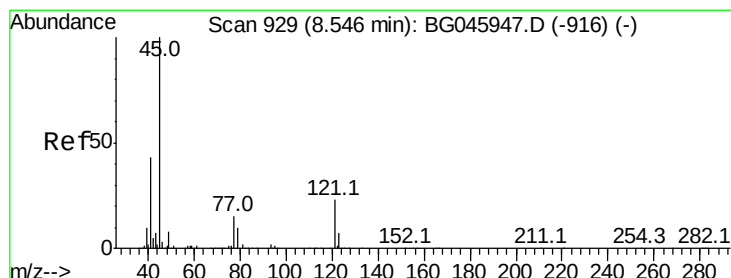
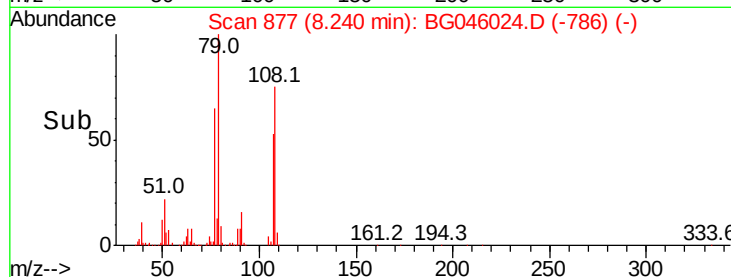
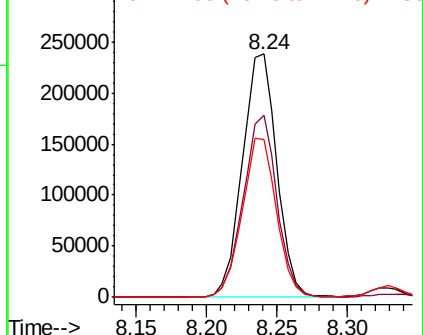
79 100

108 74.6 60.2 90.4

77 64.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.149 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

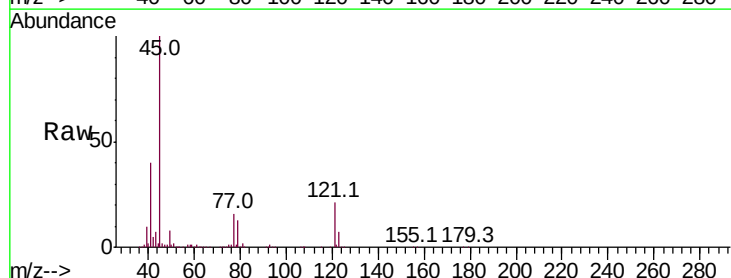
Tgt Ion: 45 Resp: 529741

Ion Ratio Lower Upper

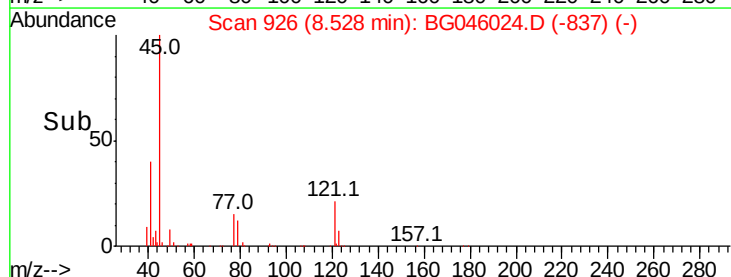
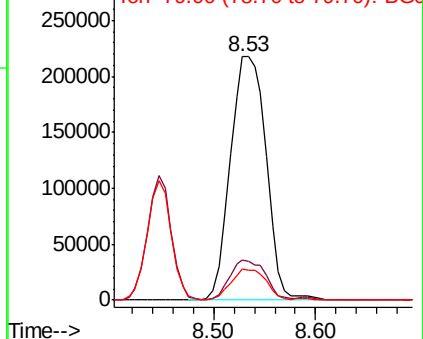
45 100

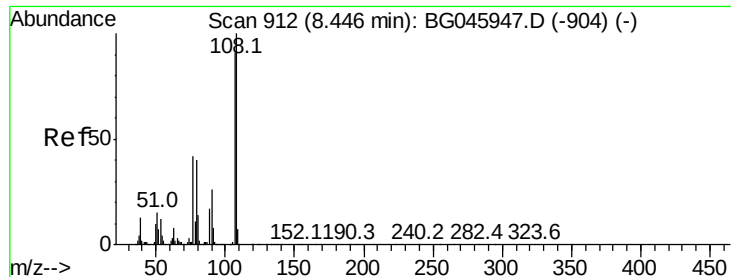
77 16.4 0.0 37.6

79 12.9 0.0 32.6



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





#17

2-Methylphenol

Concen: 40.921 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:107 Resp: 385101

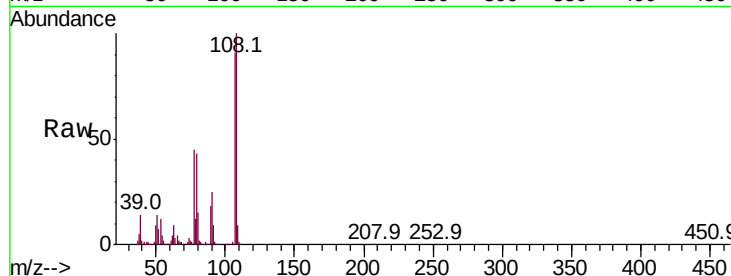
Ion Ratio Lower Upper

107 100

108 109.4 88.2 132.4

77 49.2 37.0 55.4

79 46.7 35.4 53.0

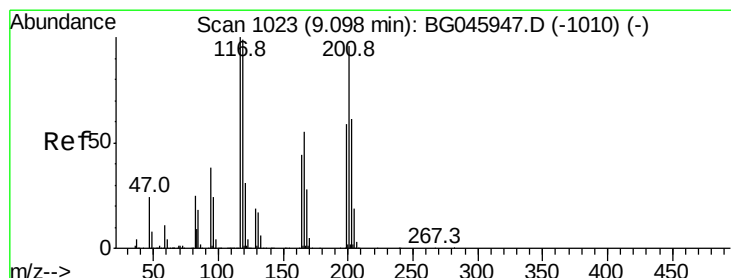
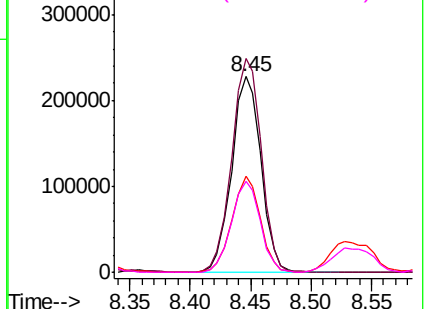
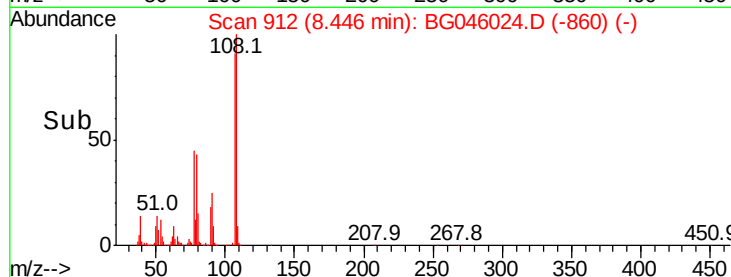


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.794 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

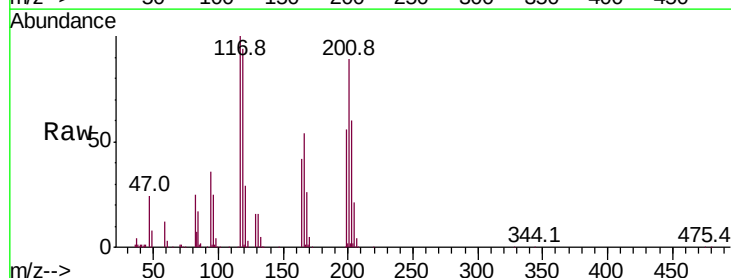
Tgt Ion:117 Resp: 158224

Ion Ratio Lower Upper

117 100

119 94.1 79.5 119.3

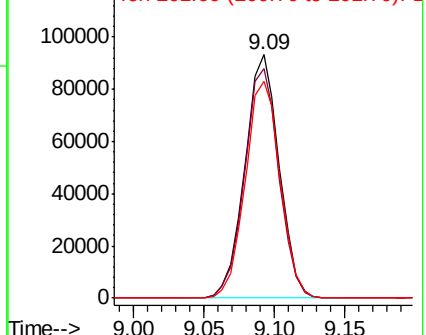
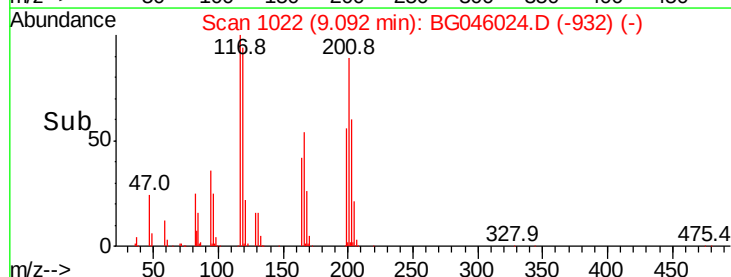
201 88.9 77.0 115.4

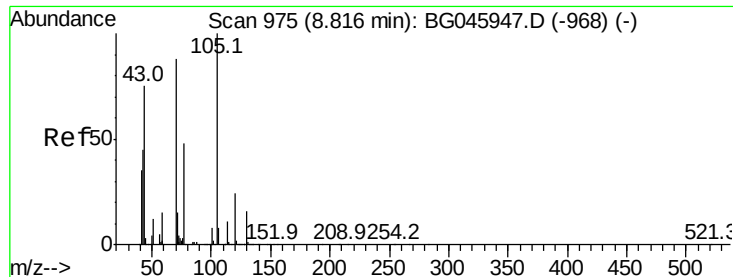


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.335 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion: 70 Resp: 345491

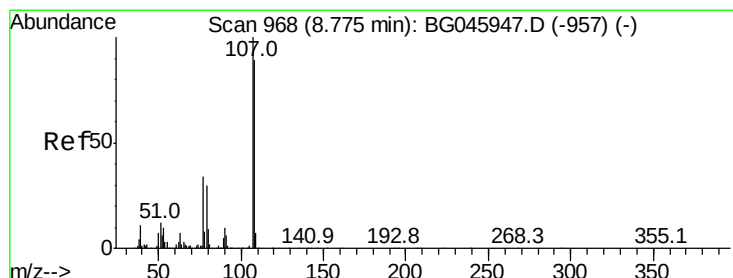
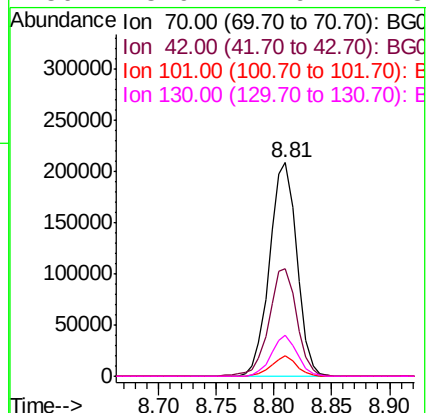
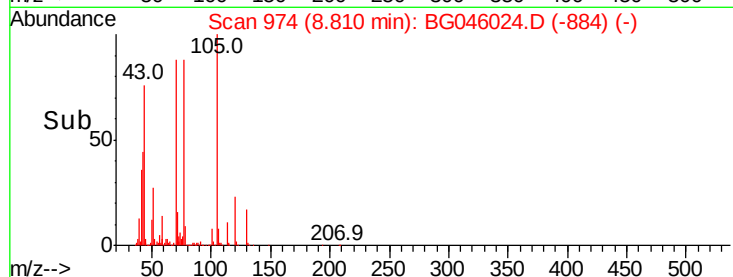
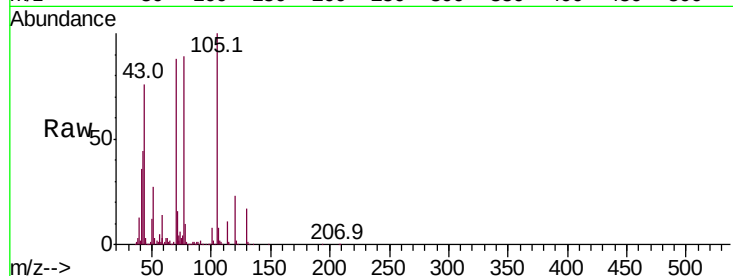
Ion Ratio Lower Upper

70 100

42 50.4 41.4 62.0

101 9.4 7.1 10.7

130 18.9 14.9 22.3



#20

3+4-Methylphenols

Concen: 41.270 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion: 107 Resp: 529319

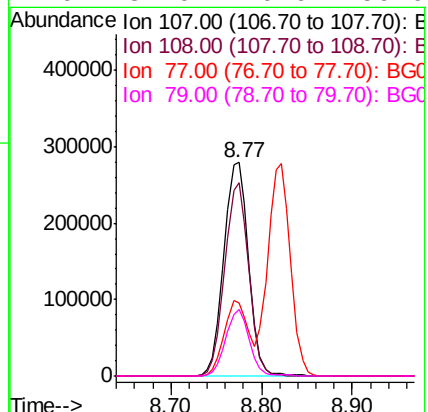
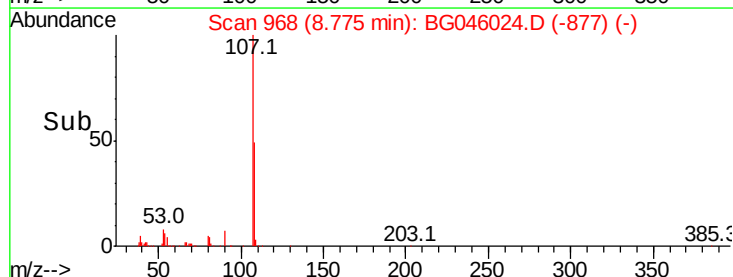
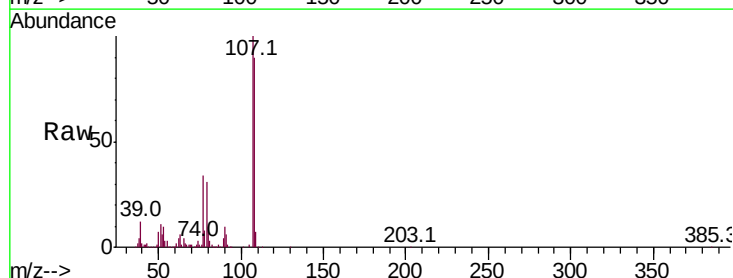
Ion Ratio Lower Upper

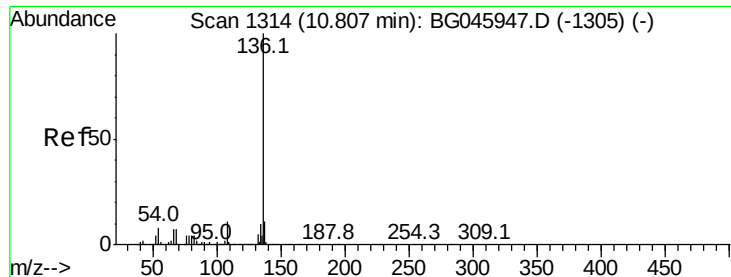
107 100

108 90.4 68.7 108.7

77 34.4 14.6 54.6

79 31.0 10.6 50.6

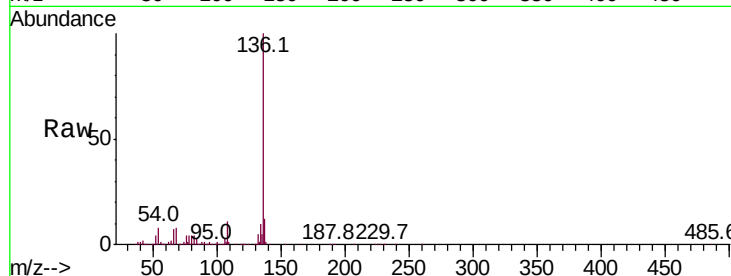




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion:136	Resp:	565340	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.2	13.8	
54 8.4	6.2	9.4	
68 8.2	5.8	8.8	



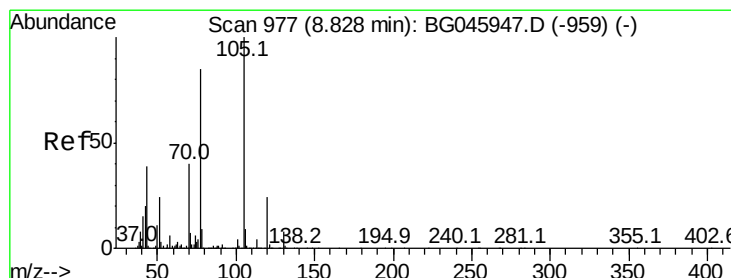
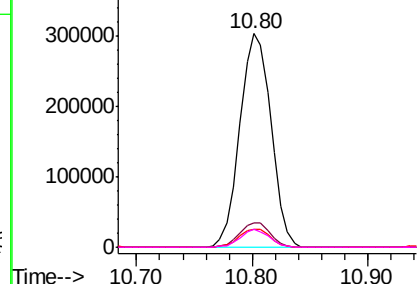
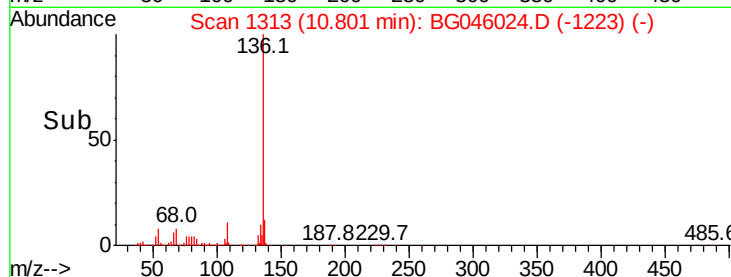
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

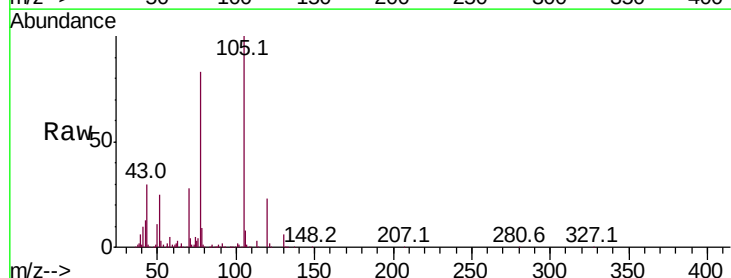
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.756 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt	Ion:105	Resp:	585328
Ion	Ratio	Lower	Upper
105	100		
71	4.3	6.2	9.2#
51	25.0	19.7	29.5
120	23.0	19.2	28.8



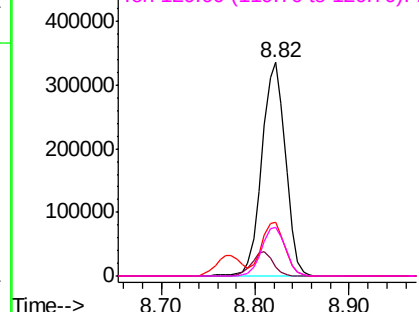
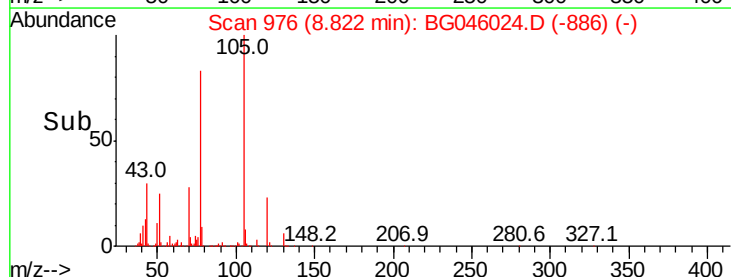
Abundance

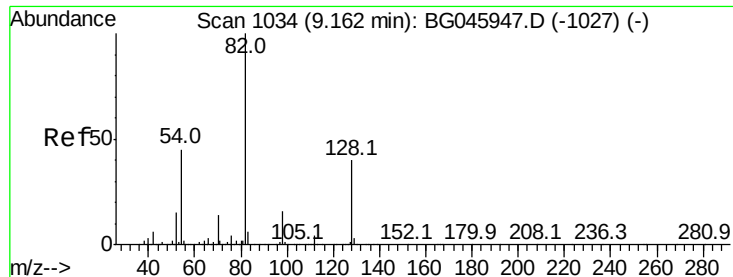
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.211 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

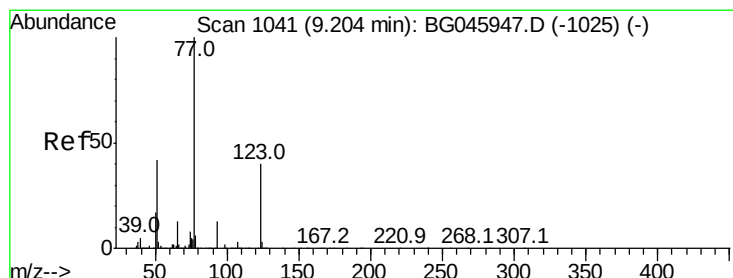
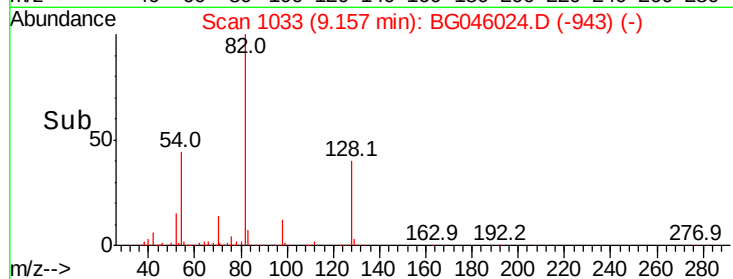
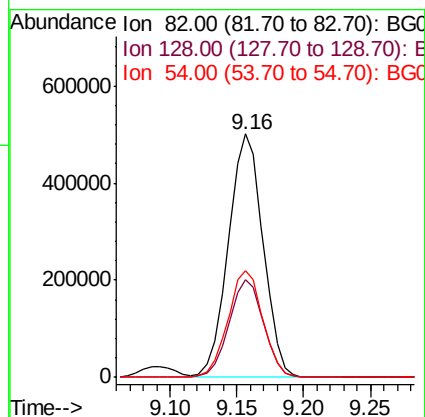
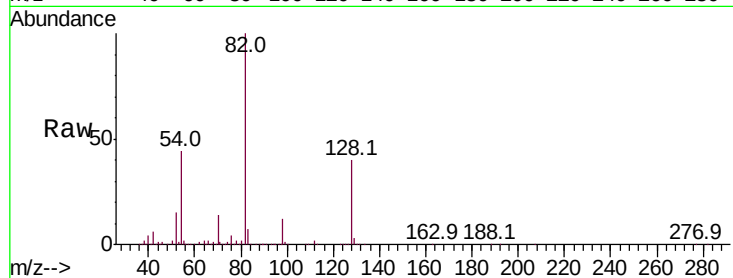
Tot Ion: 82 Resp: 905708

Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.4

54 44.0 35.8 53.6



#24

Nitrobenzene

Concen: 45.951 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

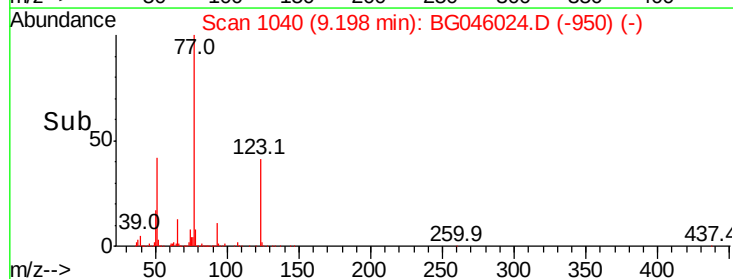
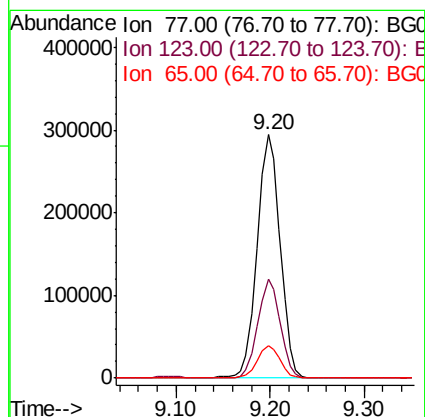
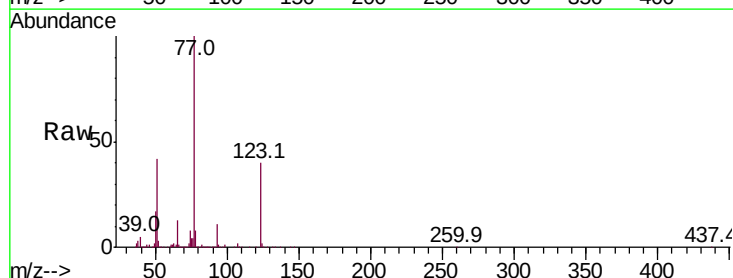
Tgt Ion: 77 Resp: 498158

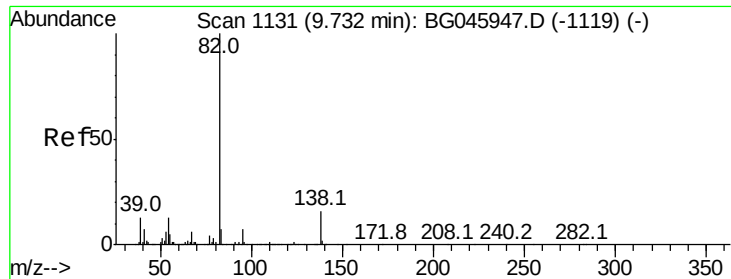
Ion Ratio Lower Upper

77 100

123 40.5 32.7 49.1

65 13.3 10.2 15.4

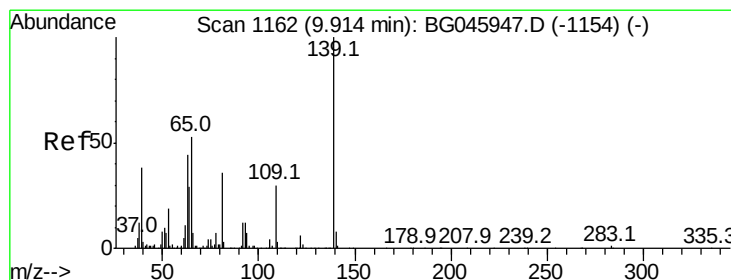
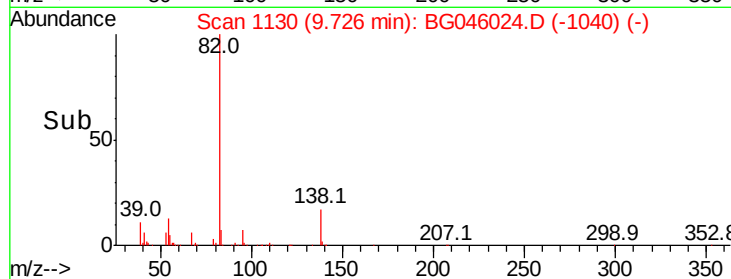
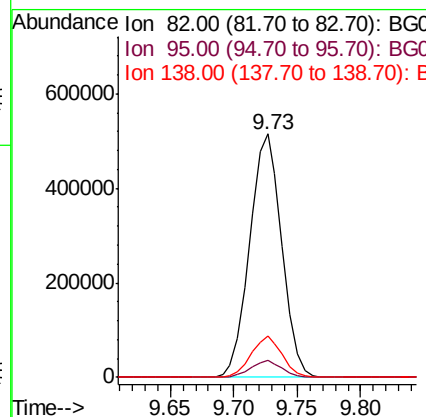
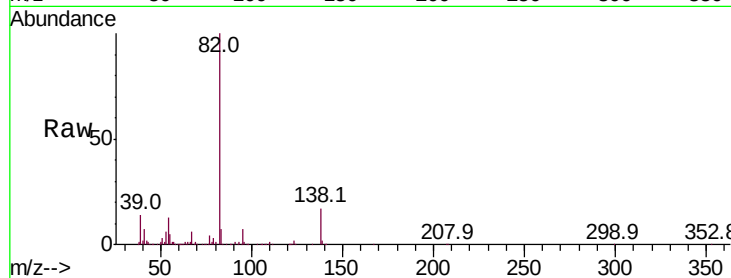




#25
Isophorone
Concen: 37.549 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

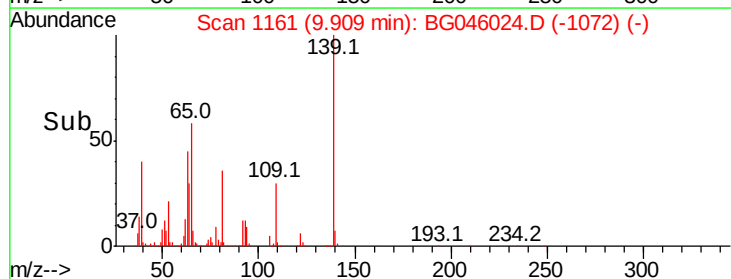
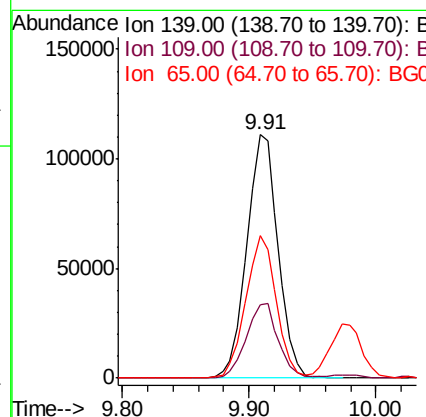
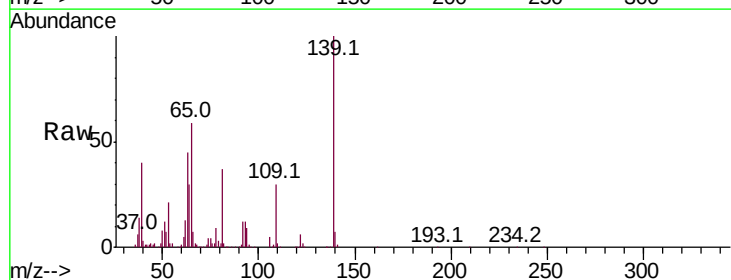
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

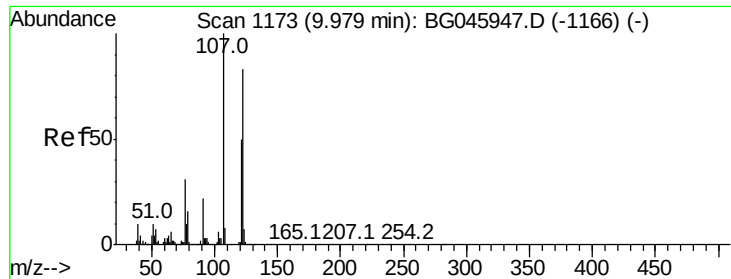
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	16.8	12.9	19.3



#26
2-Nitrophenol
Concen: 53.703 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	37.0
65	58.5	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 44.197 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

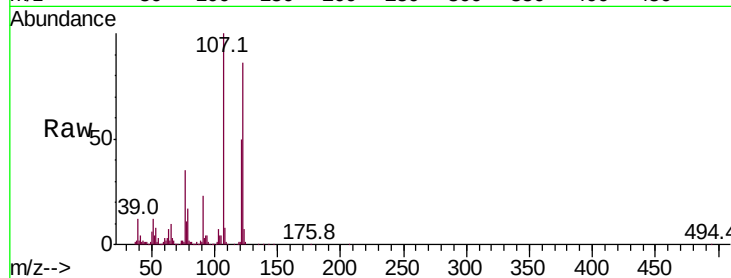
Tot Ion:122 Resp: 377217

Ion Ratio Lower Upper

122 100

107 115.8 95.6 143.4

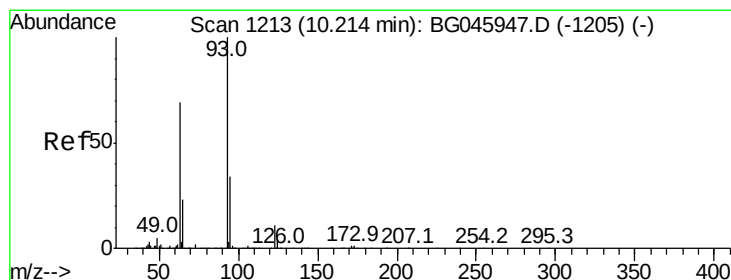
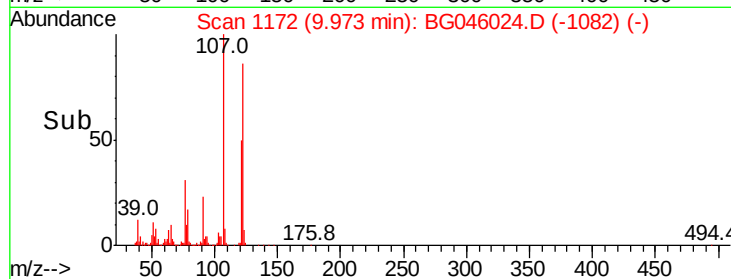
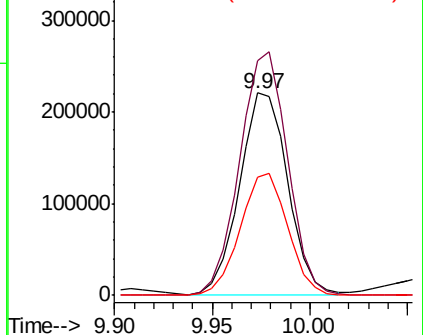
121 58.3 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.059 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

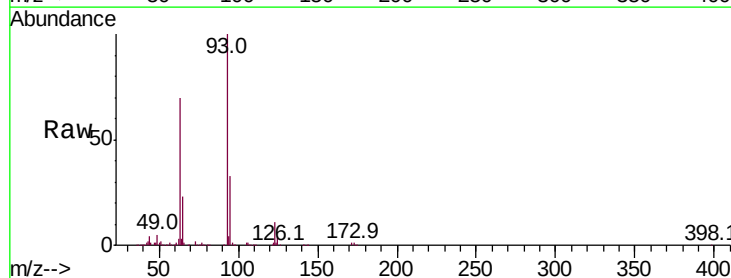
Tgt Ion: 93 Resp: 539385

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

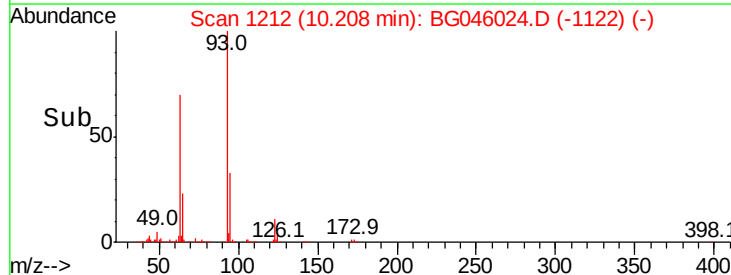
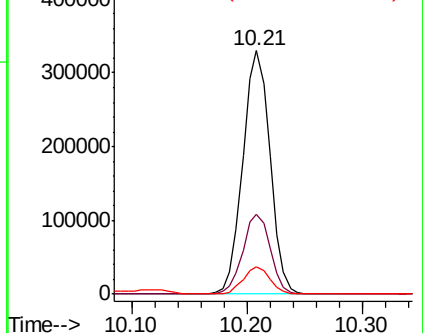
123 11.2 9.2 13.8

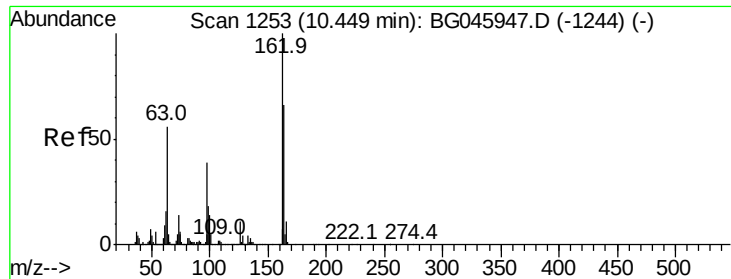


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.749 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

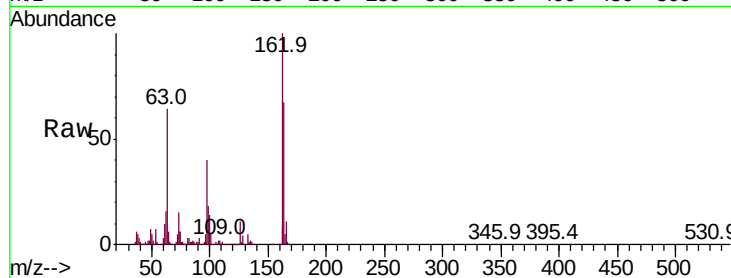
Tot Ion:162 Resp: 395370

Ion Ratio Lower Upper

162 100

164 67.0 46.0 86.0

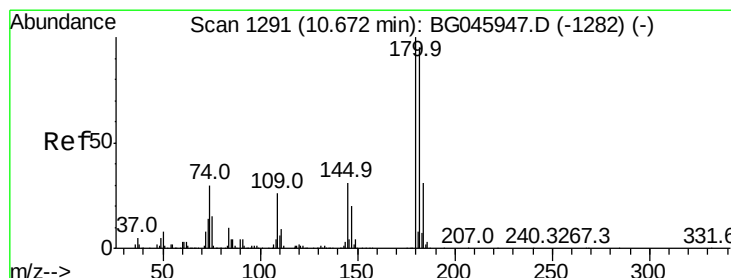
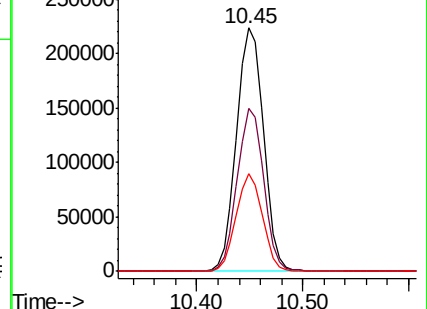
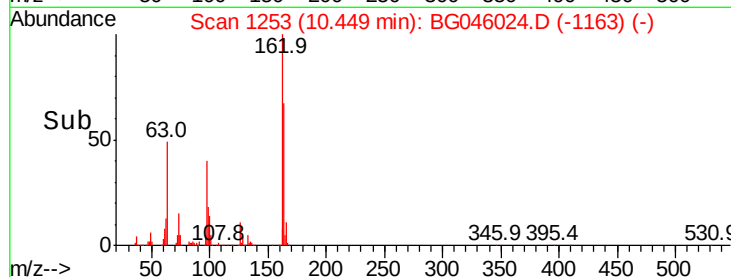
98 40.4 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.177 ng

RT: 10.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

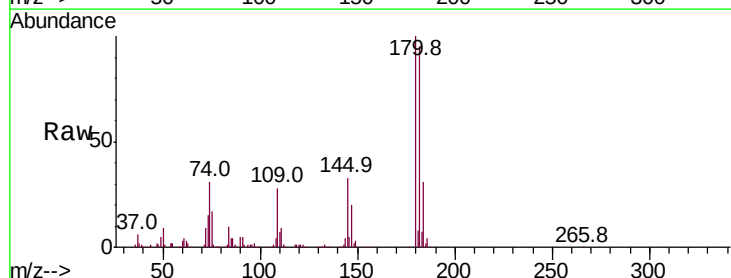
Tgt Ion:180 Resp: 373733

Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

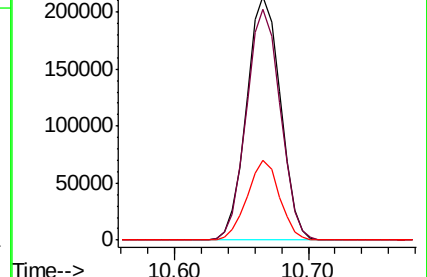
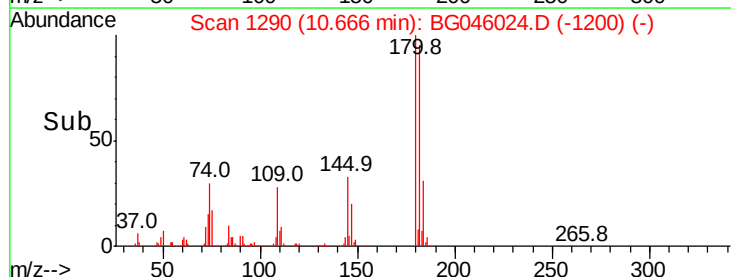
145 32.6 24.8 37.2

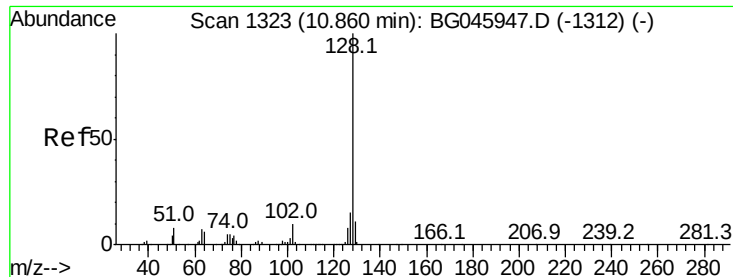


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

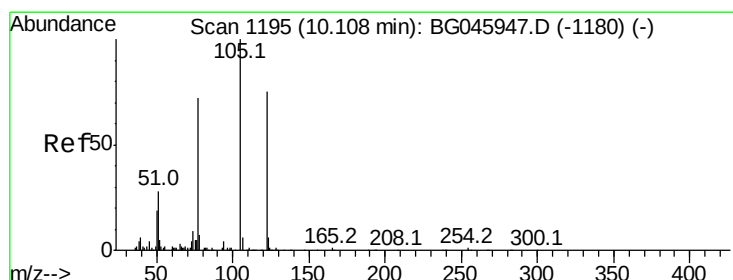
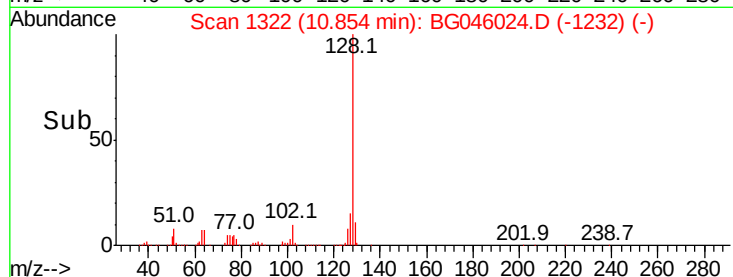
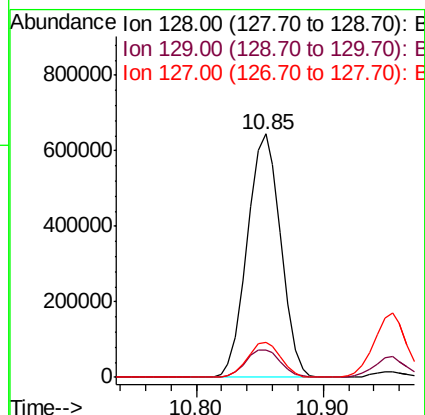
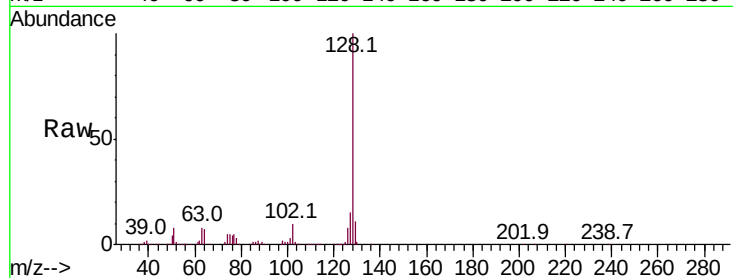




#31
Naphthalene
Concen: 38.998 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

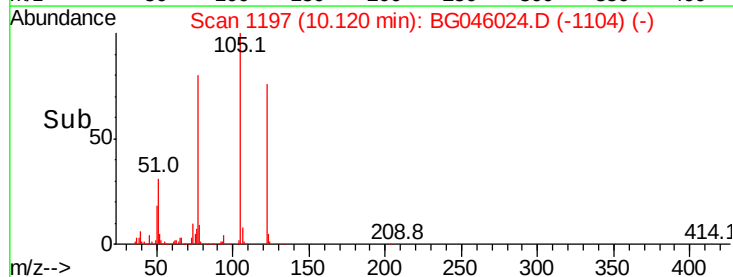
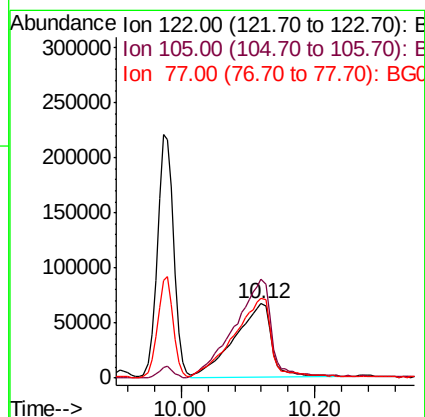
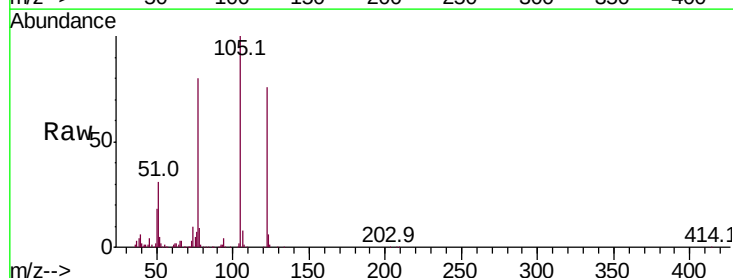
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

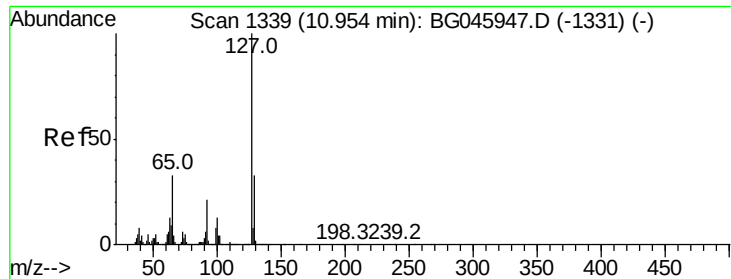
Tot Ion:128 Resp: 1181904
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 14.5 11.8 17.6



#32
Benzoic acid
Concen: 49.339 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:122 Resp: 258275
Ion Ratio Lower Upper
122 100
105 132.2 110.8 150.8
77 106.3 76.4 116.4

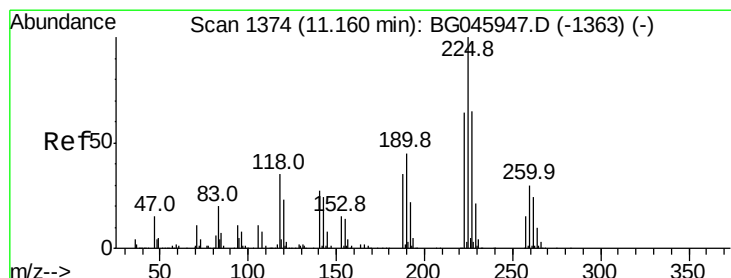
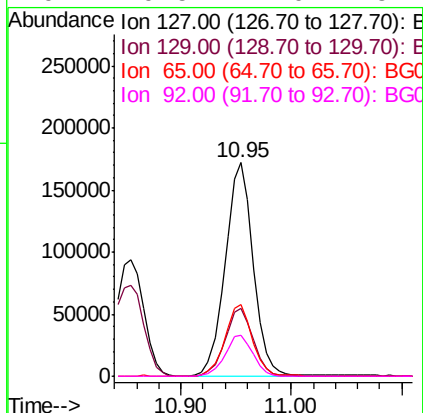
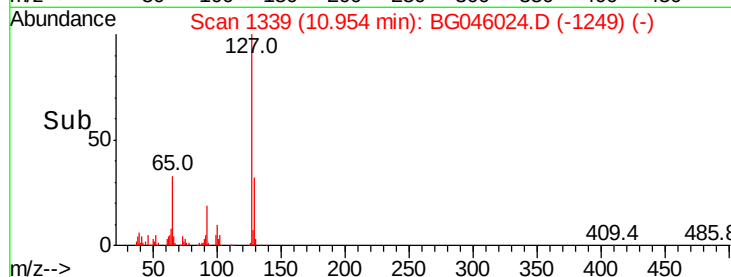
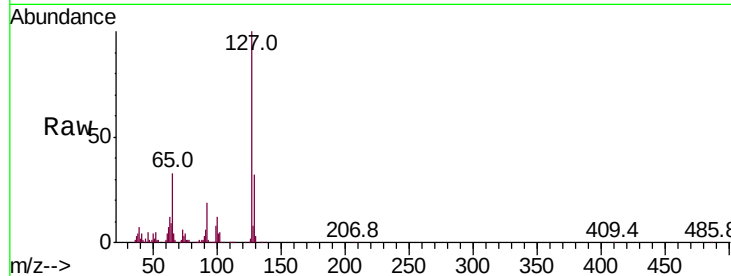




#33
4-Chloroaniline
Concen: 22.386 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

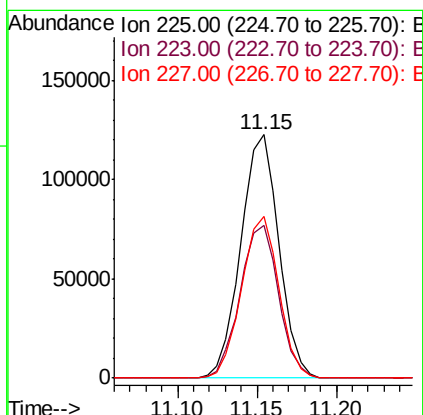
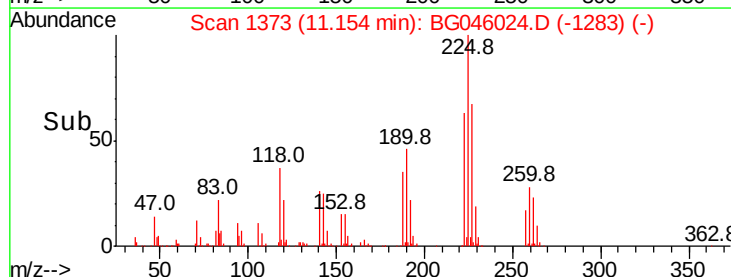
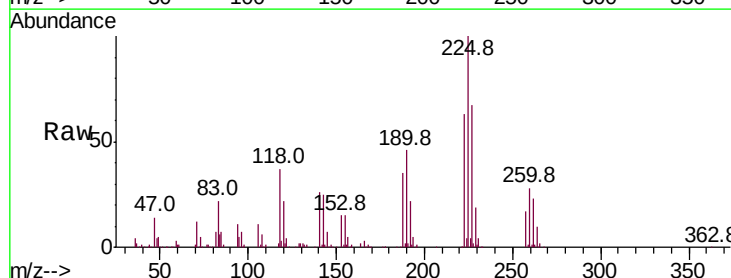
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

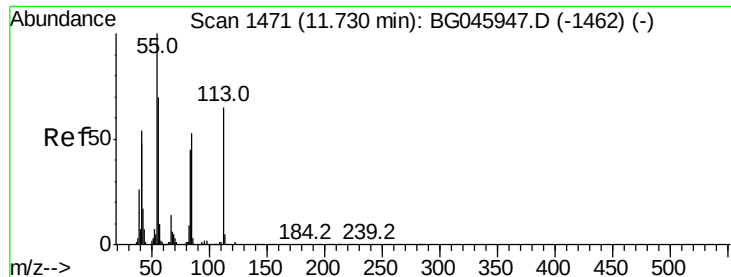
Tot Ion:	127	Resp:	303171
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	39.8
65	33.4	26.8	40.2
92	19.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 35.704 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:	225	Resp:	204082
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.2	76.8
227	66.5	52.3	78.5





#35

Caprolactam

Concen: 35.046 ng

RT: 11.72 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

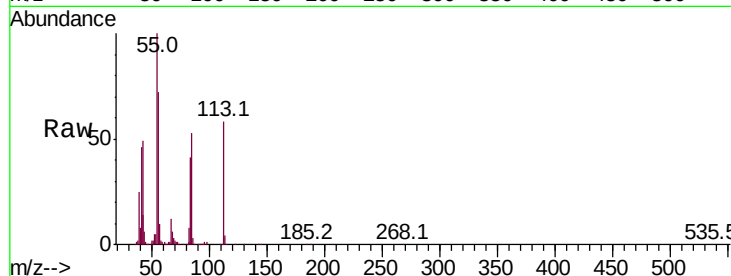
Tot Ion:113 Resp: 117560

Ion Ratio Lower Upper

113 100

55 171.1 141.6 181.6

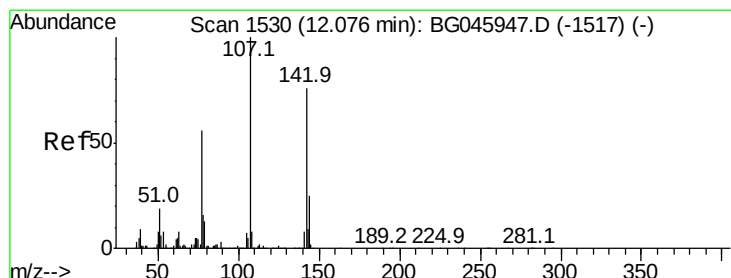
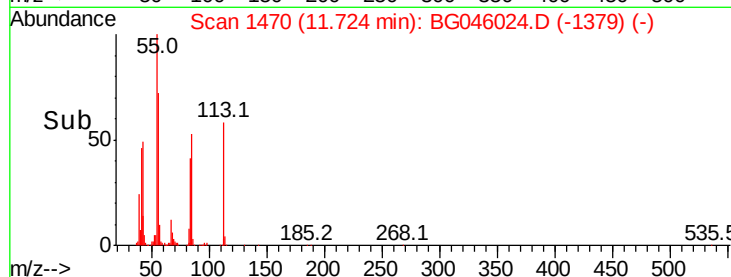
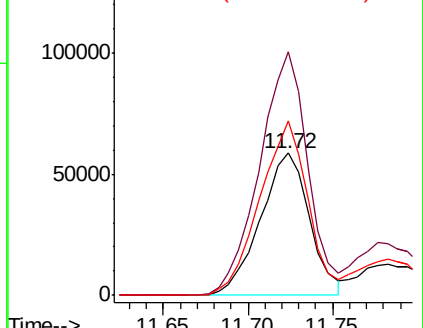
56 122.4 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.453 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

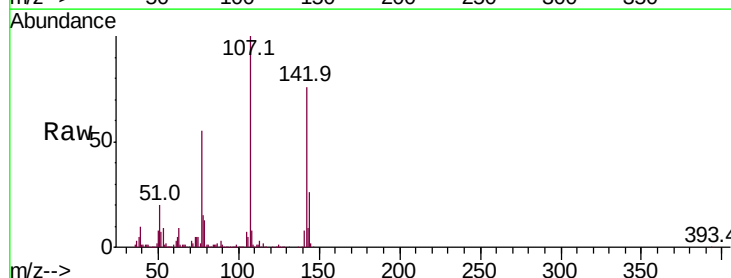
Tgt Ion:107 Resp: 467456

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

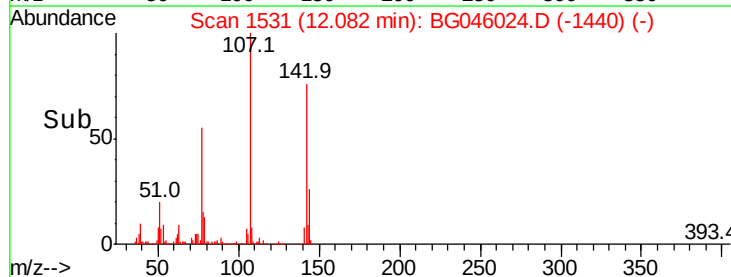
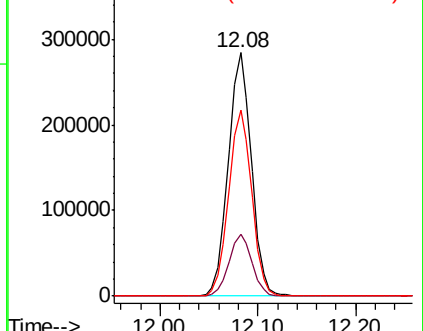
142 76.4 61.1 91.7

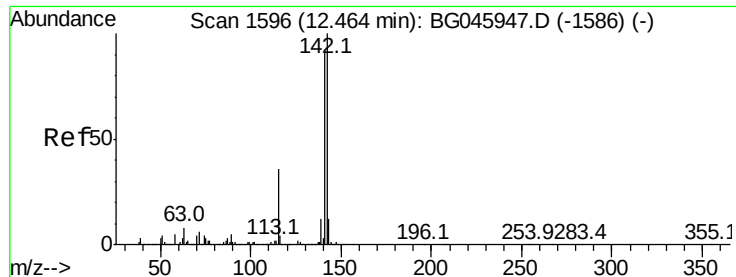


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

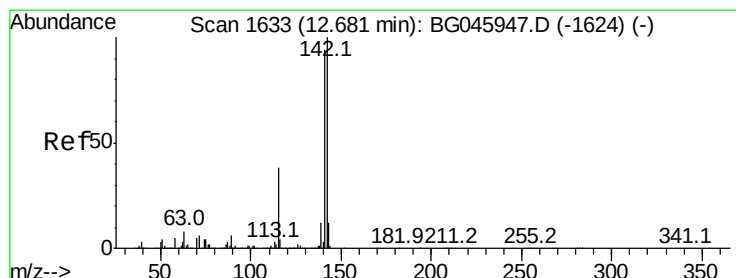
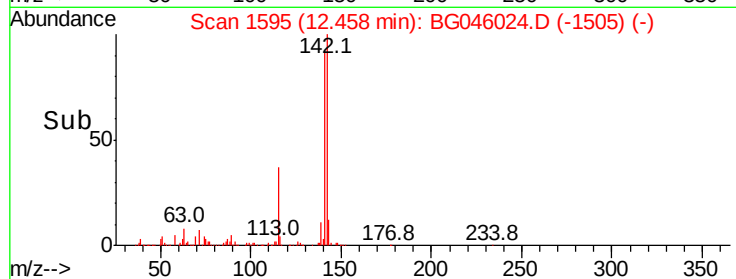
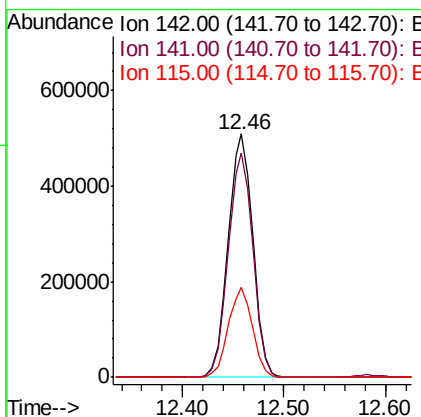
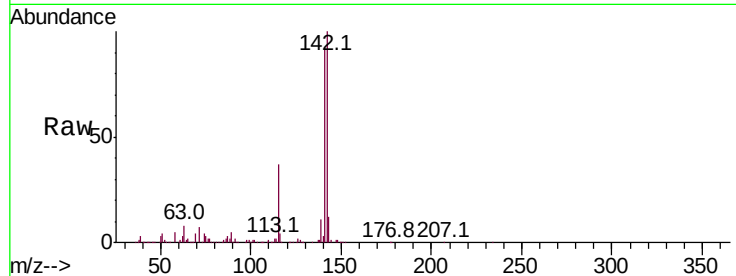




#37
2-Methylnaphthalene
Concen: 39.745 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

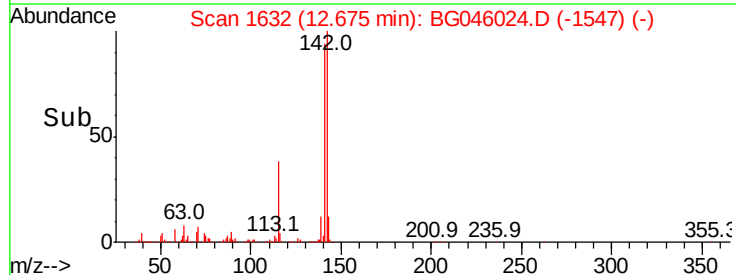
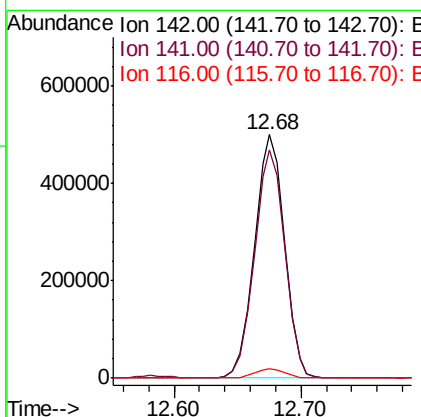
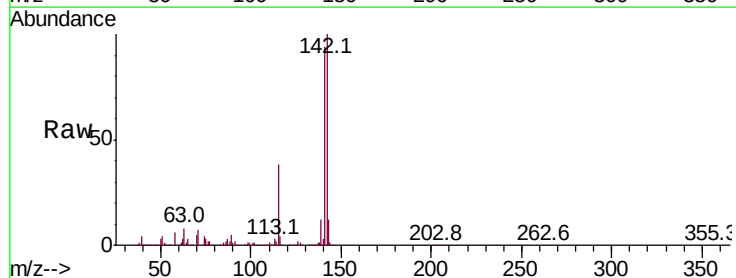
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

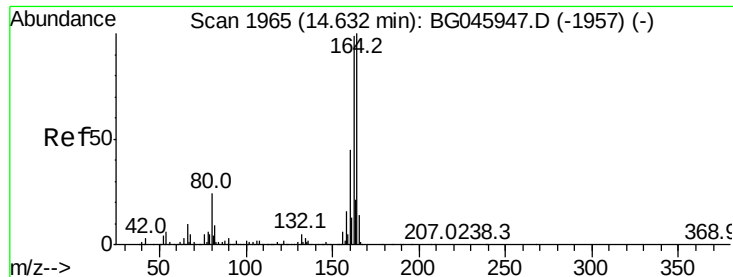
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.6
115	36.9	28.8	43.2



#38
1-Methylnaphthalene
Concen: 40.396 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.2	112.8
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

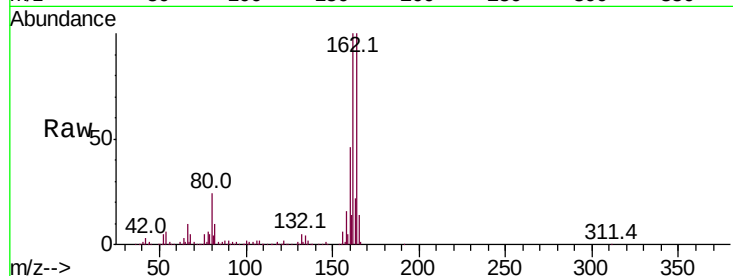
Tot Ion:164 Resp: 350190

Ion Ratio Lower Upper

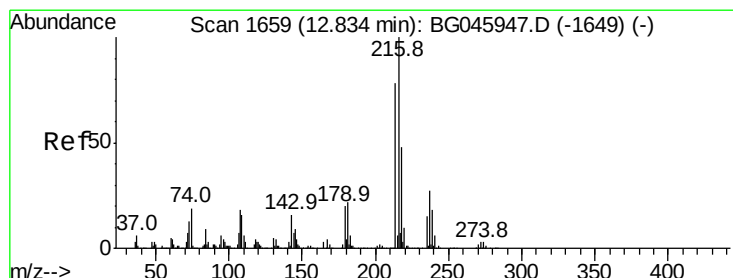
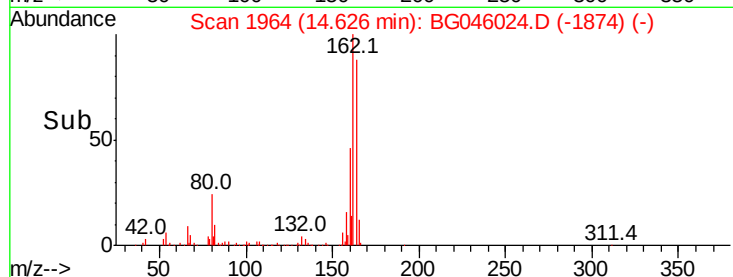
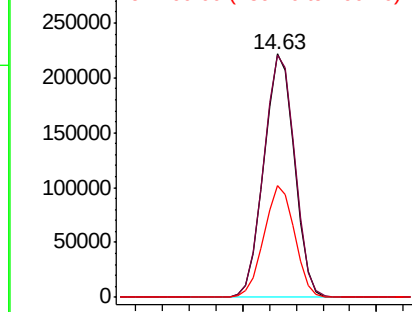
164 100

162 99.7 79.3 118.9

160 45.8 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: 37.840 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:216 Resp: 373542

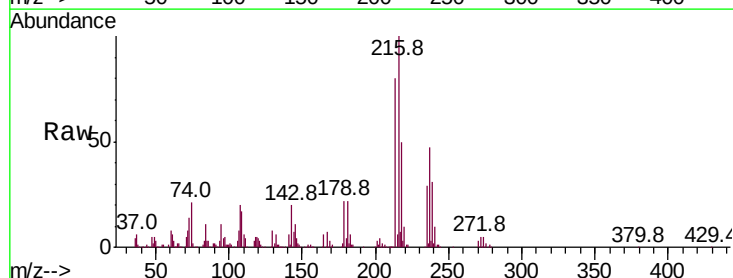
Ion Ratio Lower Upper

216 100

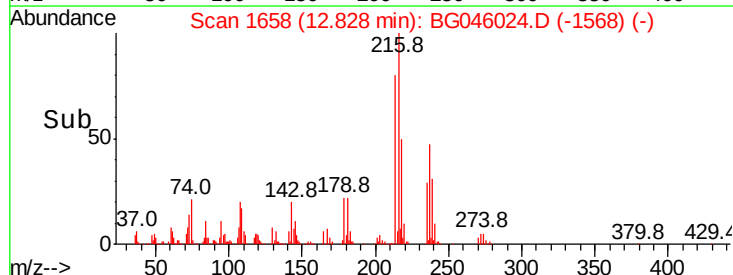
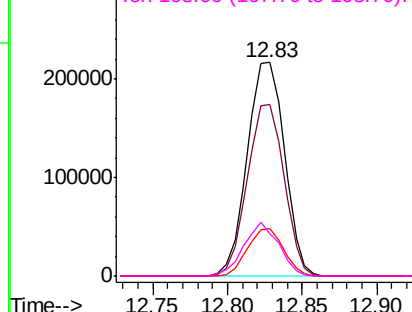
214 79.0 63.0 94.4

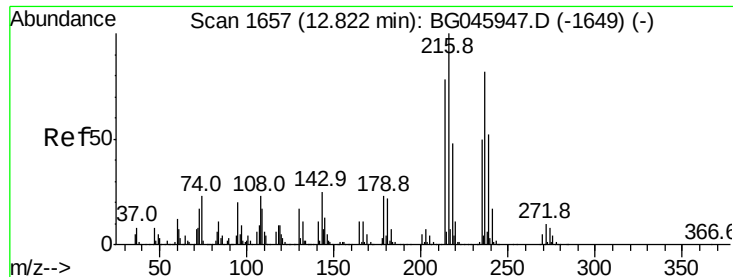
179 21.6 17.0 25.6

108 23.7 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: 62.576 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

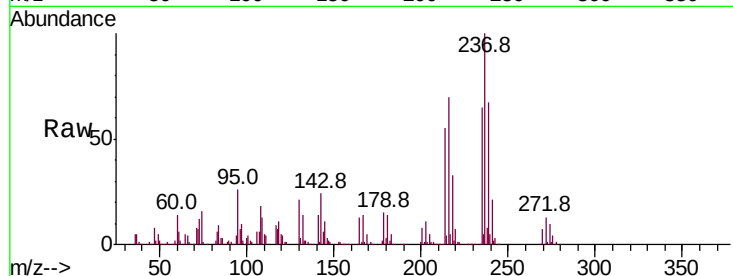
Tot Ion:237 Resp: 366536

Ion Ratio Lower Upper

237 100

235 64.6 41.5 81.5

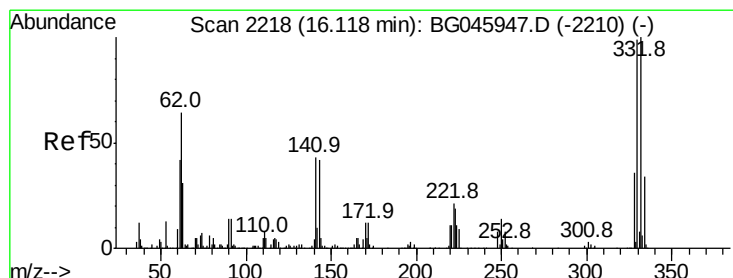
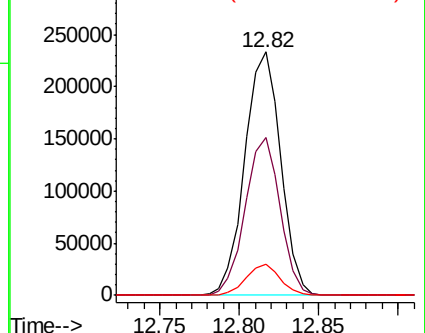
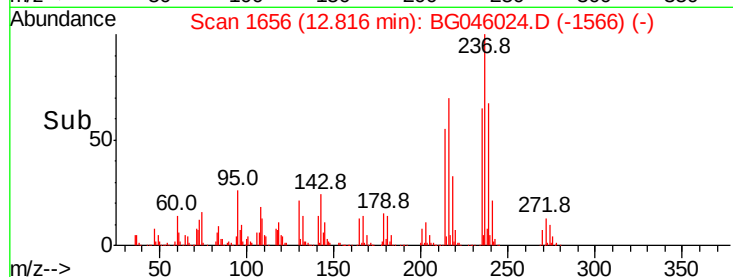
272 12.6 0.0 31.7



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: 85.189 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

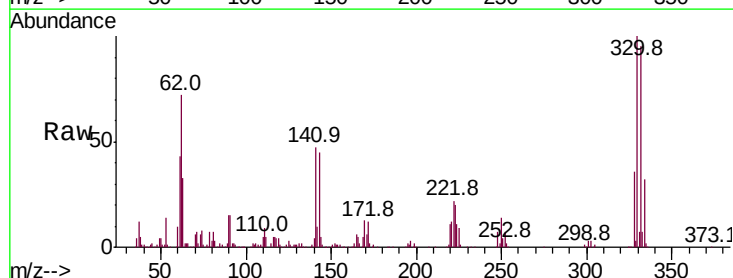
Tgt Ion:330 Resp: 276875

Ion Ratio Lower Upper

330 100

332 97.3 78.3 117.5

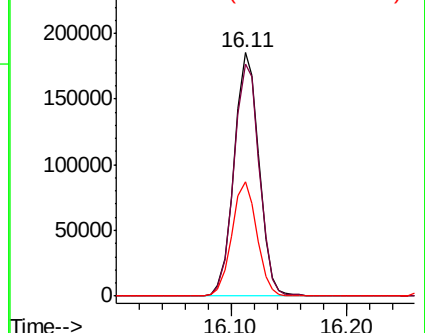
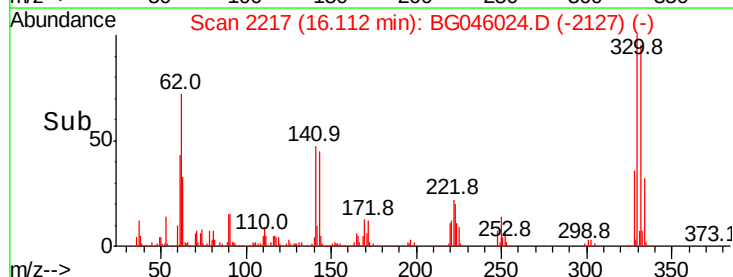
141 47.0 36.6 54.8

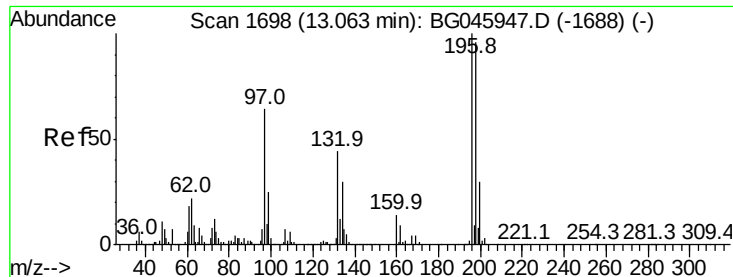


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.956 ng

RT: 13.06 min Scan# 1698

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

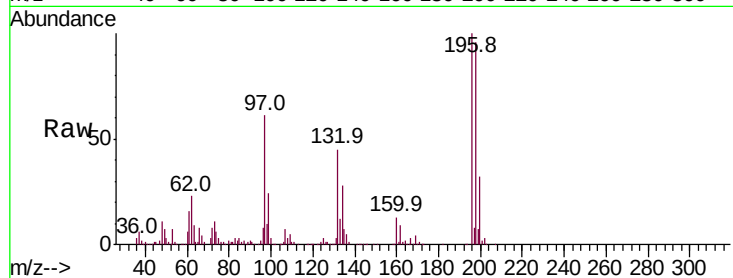
Tot Ion:196 Resp: 293454

Ion Ratio Lower Upper

196 100

198 96.1 76.7 115.1

200 31.7 24.3 36.5

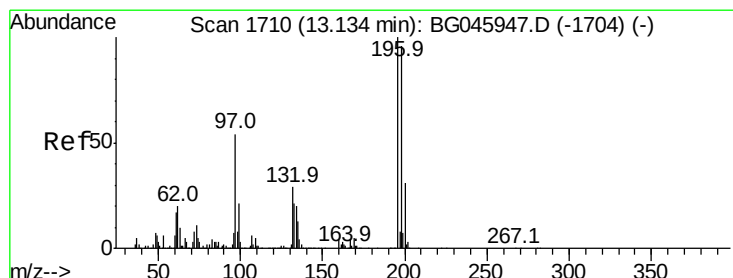
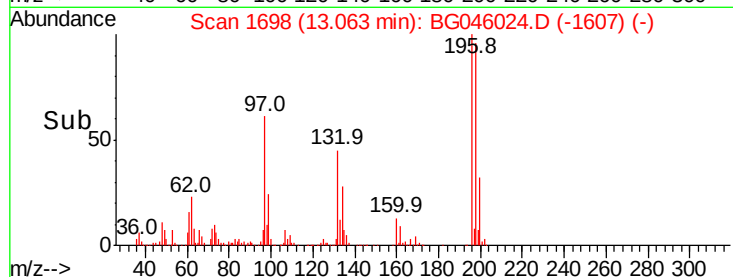
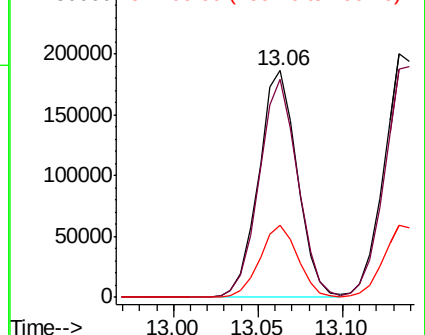


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.798 ng

RT: 13.13 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:196 Resp: 330611

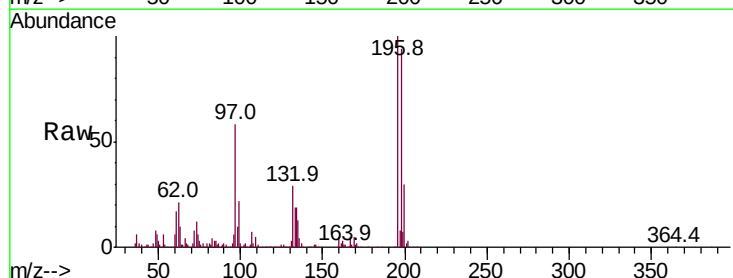
Ion Ratio Lower Upper

196 100

198 93.6 77.0 115.6

97 57.6 44.3 66.5

132 29.3 23.1 34.7



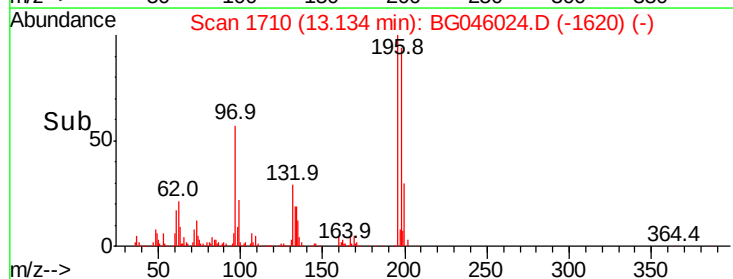
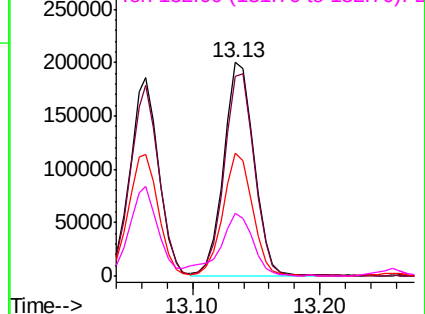
Abundance

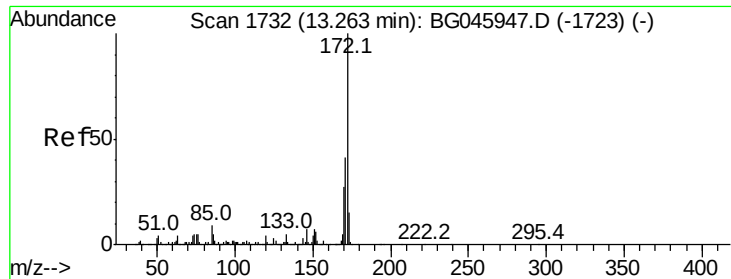
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

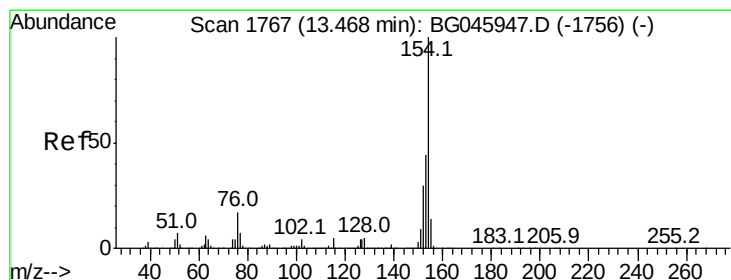
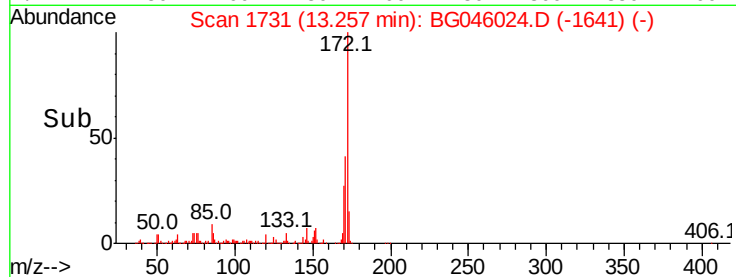
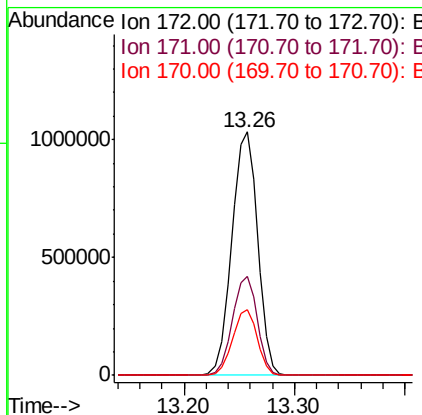
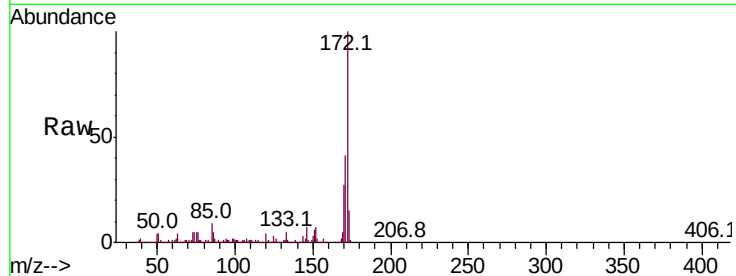




#45
2-Fluorobiphenyl
Concen: 75.397 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

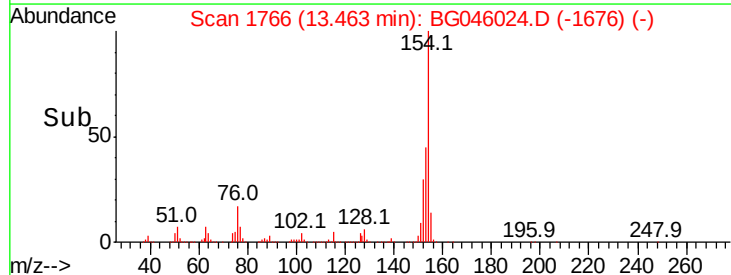
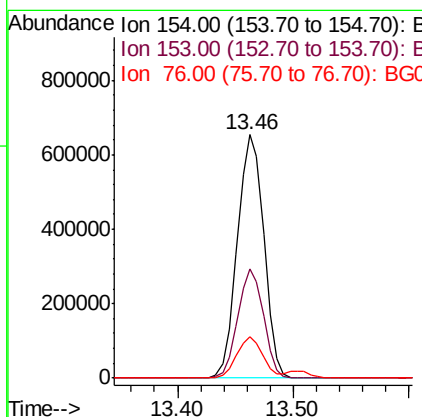
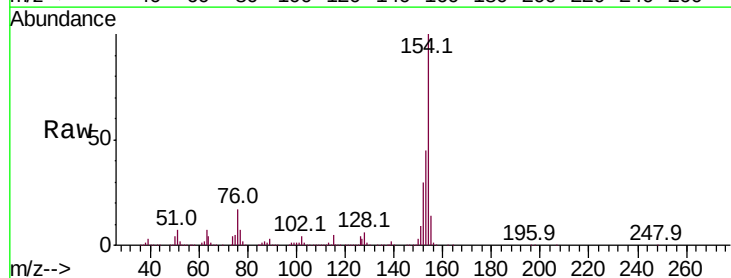
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

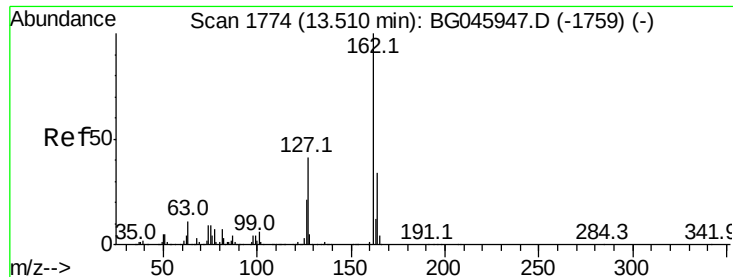
Tot Ion:172 Resp: 1692709
Ion Ratio Lower Upper
172 100
171 40.7 32.9 49.3
170 27.0 21.8 32.6



#46
1,1'-Biphenyl
Concen: 39.268 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:154 Resp: 1034457
Ion Ratio Lower Upper
154 100
153 45.1 23.6 63.6
76 17.1 0.0 36.9

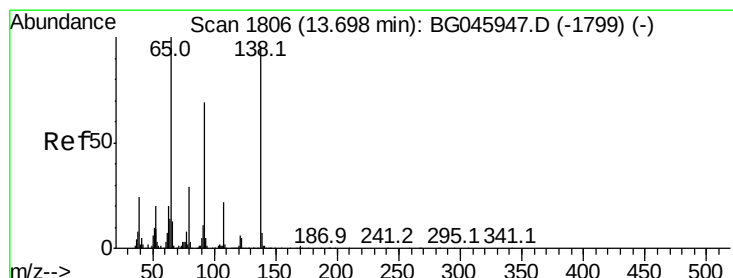
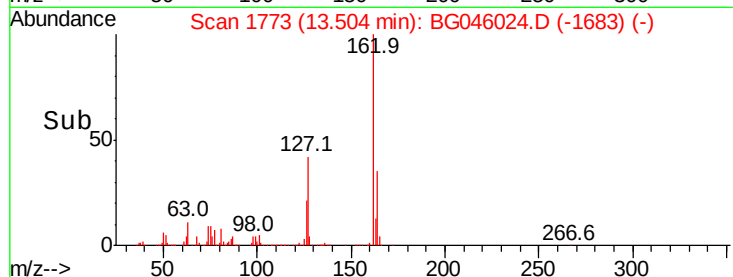
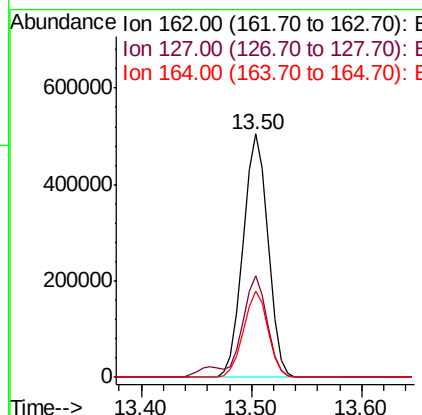
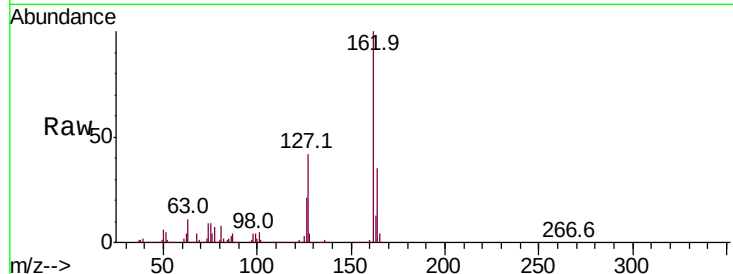




#47
2-Chloronaphthalene
Concen: 38.587 ng
RT: 13.50 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

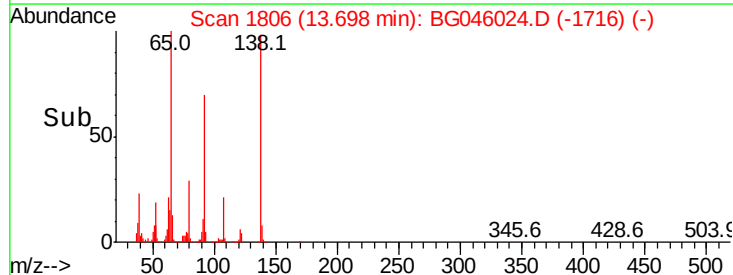
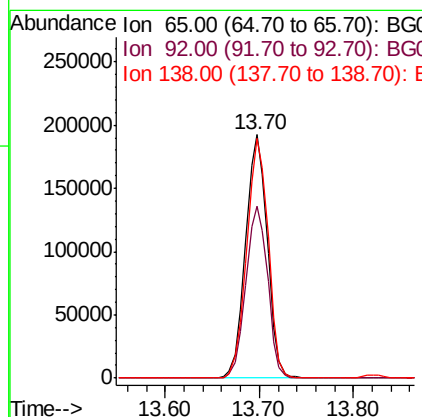
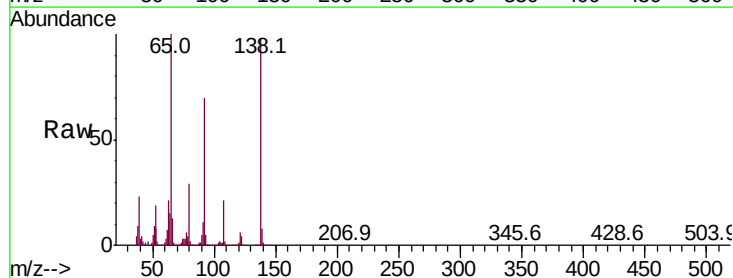
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

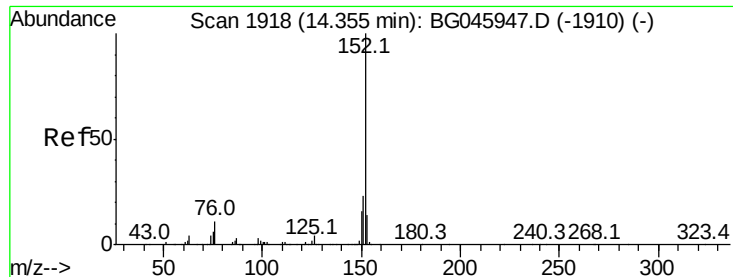
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	35.4	27.2	40.8



#48
2-Nitroaniline
Concen: 52.250 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	98.4	77.0	115.4





#49

Acenaphthylene

Concen: 39.136 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

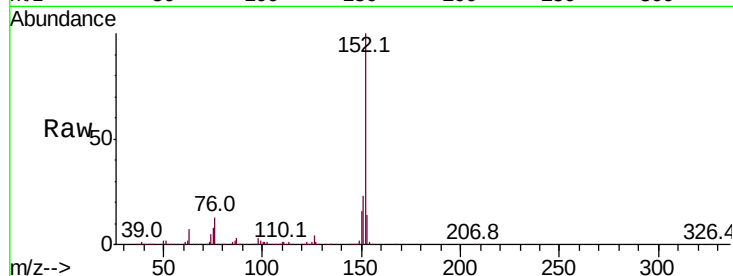
BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:152 Resp: 1312439

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.1	27.1
153	13.8	11.5	17.3

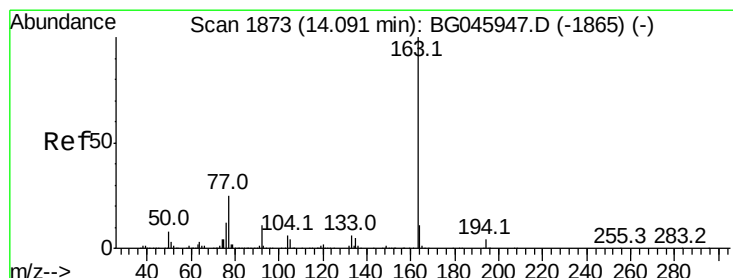
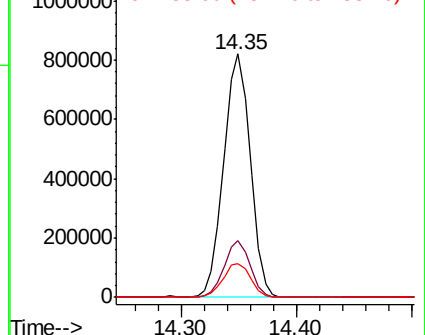
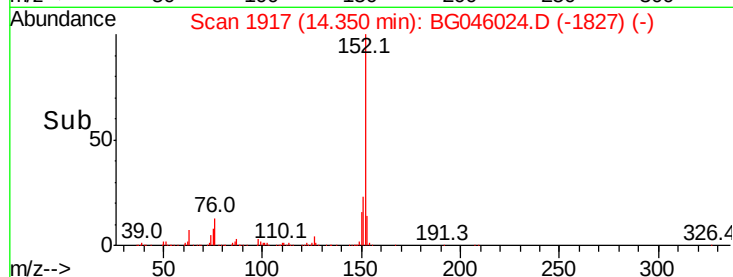


Abundance

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: 39.314 ng

RT: 14.09 min Scan# 1872

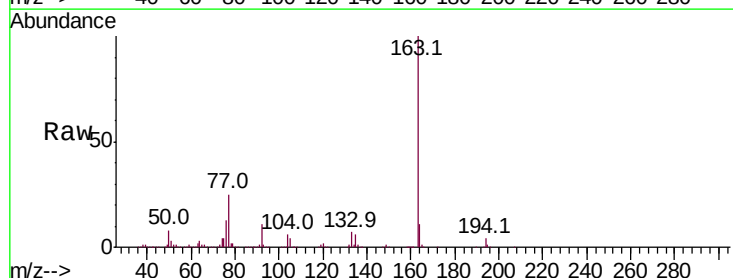
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:163 Resp: 1033197

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.3	8.9	13.3

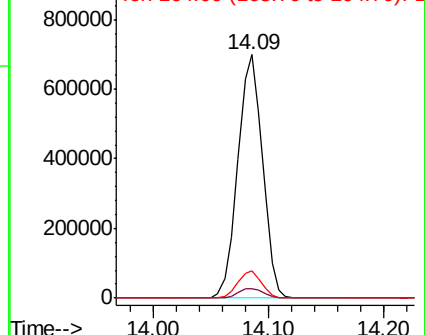
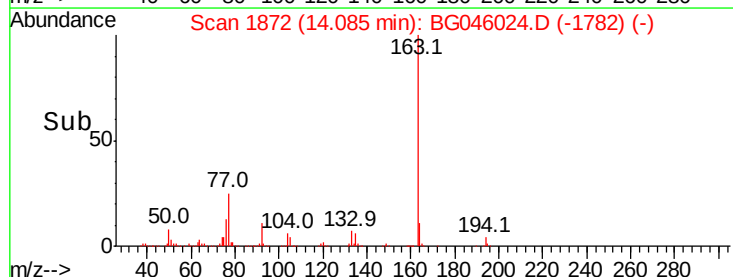


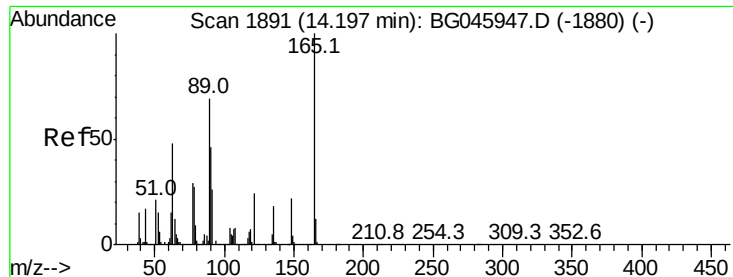
Abundance

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

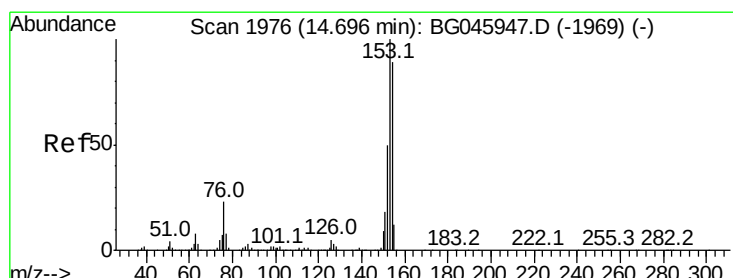
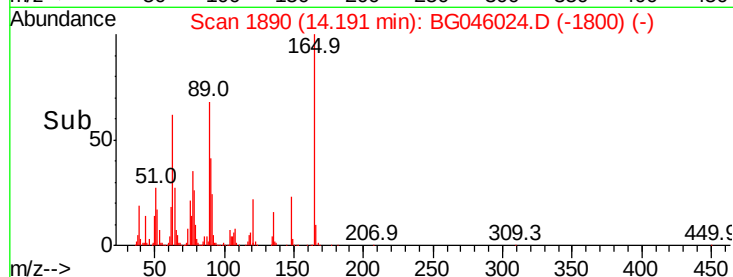
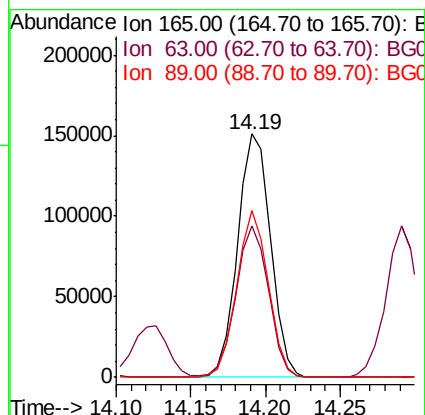
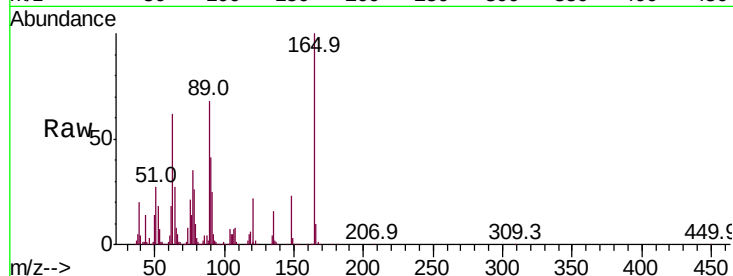




#51
2,6-Dinitrotoluene
Concen: 49.099 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

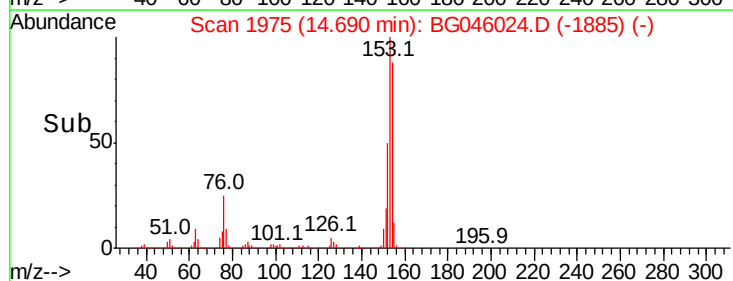
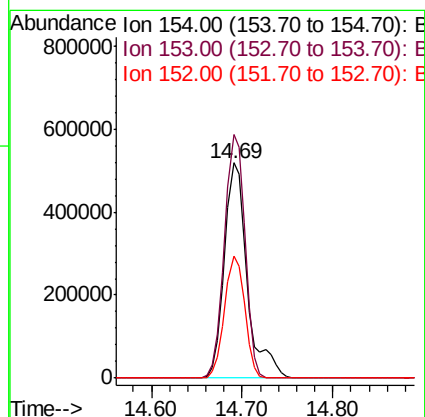
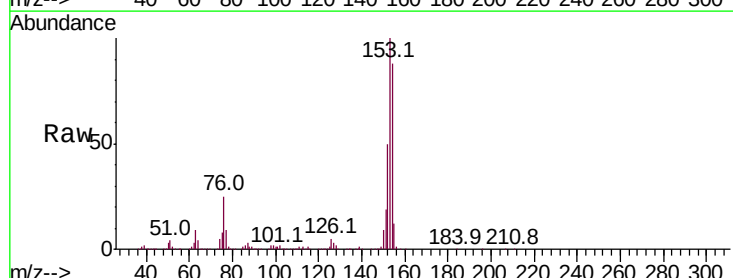
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

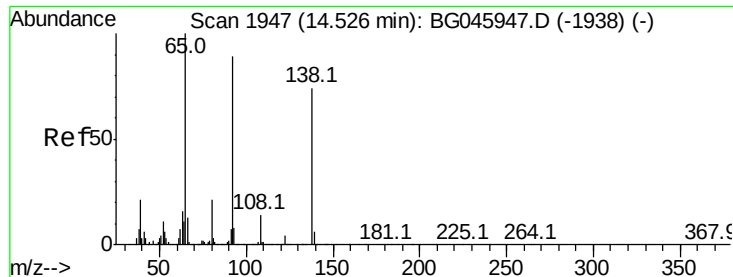
Tot Ion:165 Resp: 231178
Ion Ratio Lower Upper
165 100
63 62.2 51.0 76.4
89 68.3 55.7 83.5



#52
Acenaphthene
Concen: 42.762 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:154 Resp: 904524
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 56.9 44.7 67.1

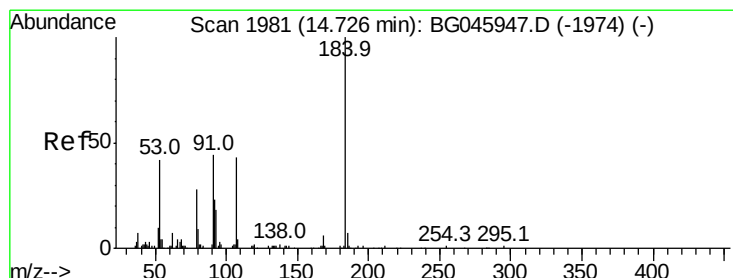
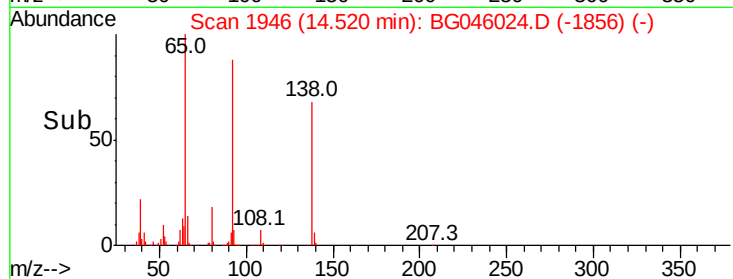
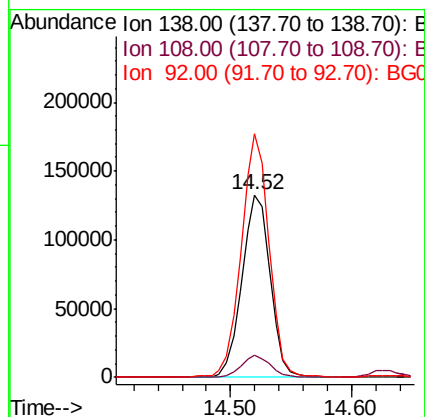
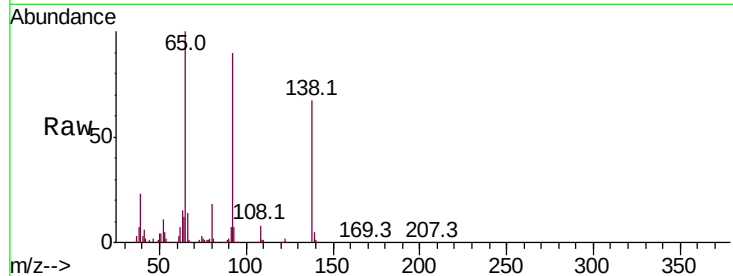




#53
 3-Nitroaniline
 Concen: 38.249 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

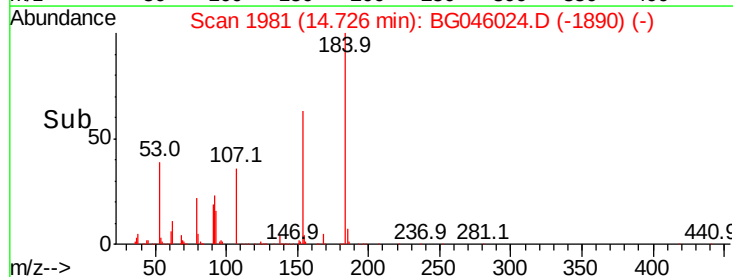
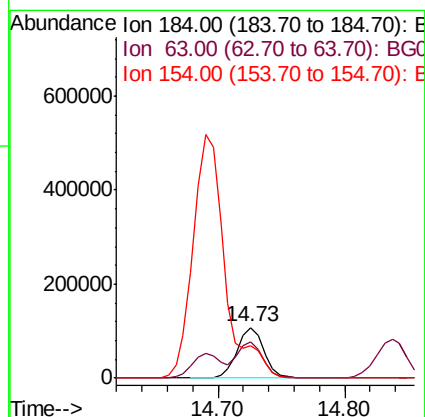
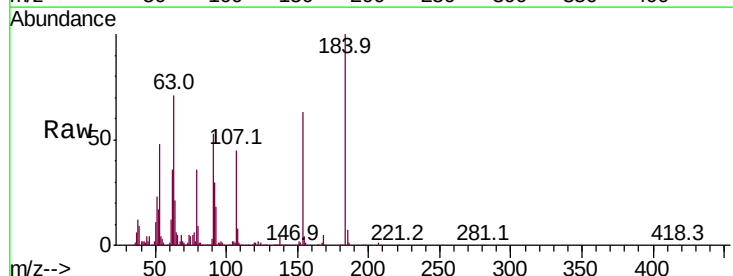
Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

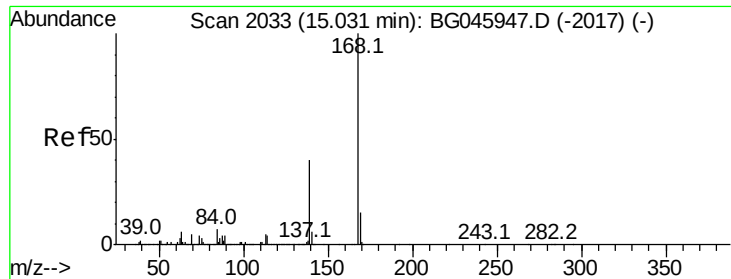
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	15.4	23.2#
92	133.5	95.9	143.9



#54
 2,4-Dinitrophenol
 Concen: 89.561 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.5	46.0	69.0#
154	63.1	58.2	87.2

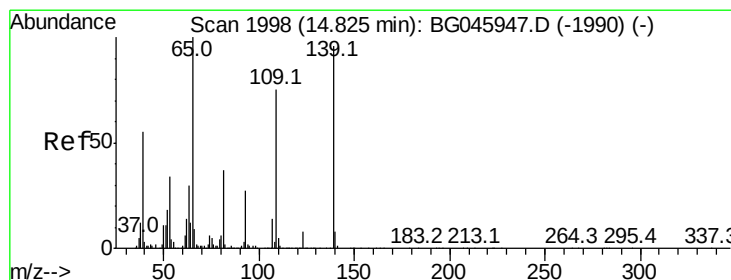
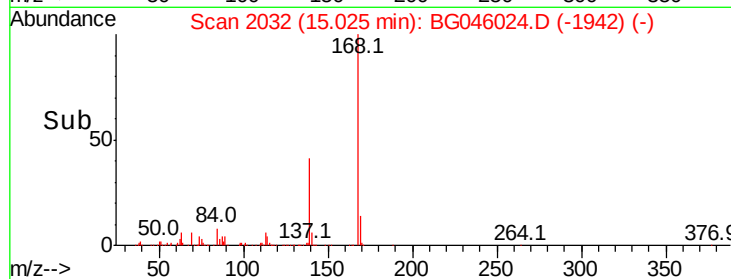
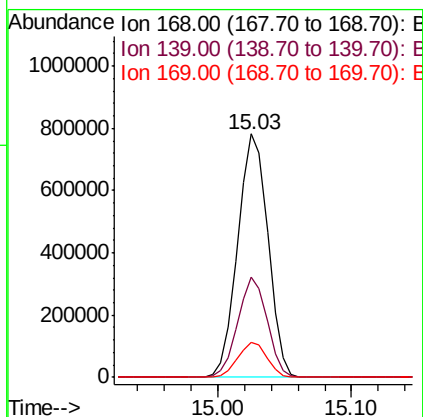
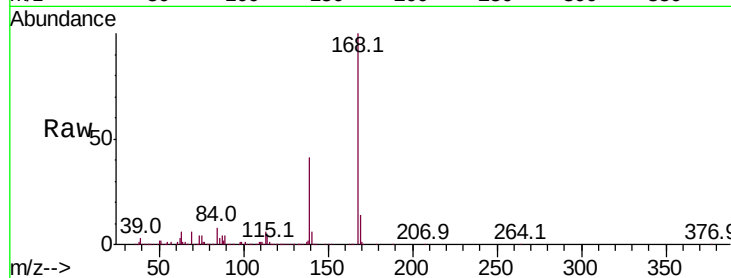




#55
Dibenzofuran
Concen: 39.470 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

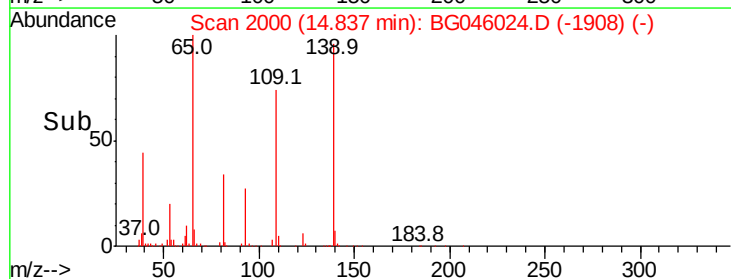
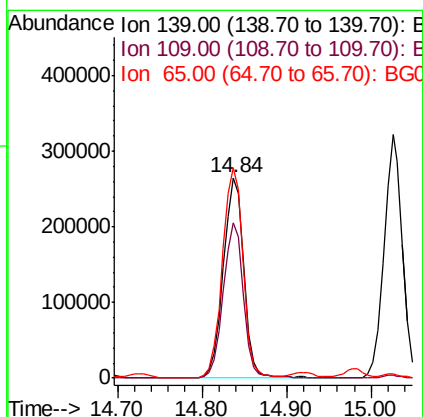
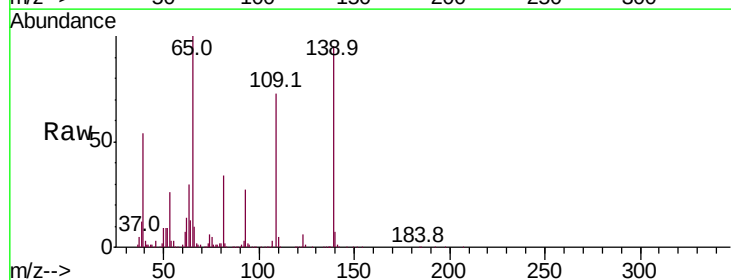
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

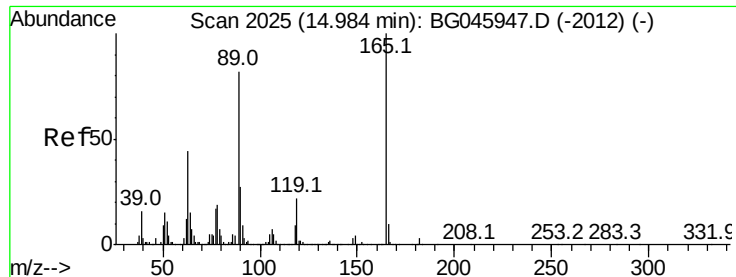
Tot Ion:168 Resp: 1223854
Ion Ratio Lower Upper
168 100
139 41.2 32.2 48.2
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 104.063 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:139 Resp: 445564
Ion Ratio Lower Upper
139 100
109 77.3 58.5 98.5
65 105.1 84.7 124.7

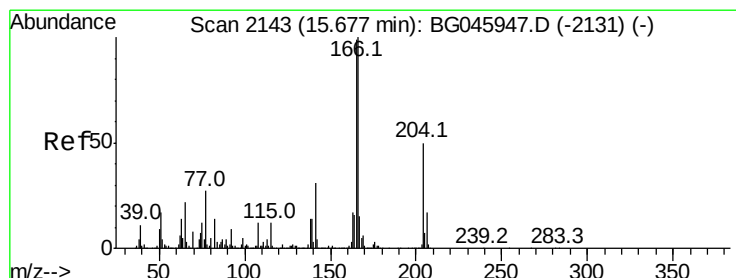
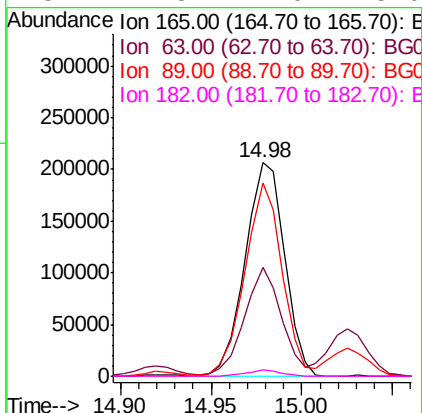
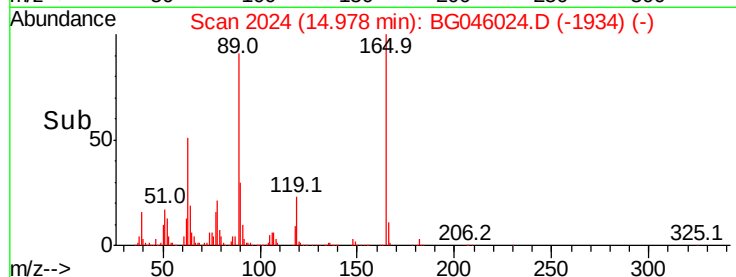
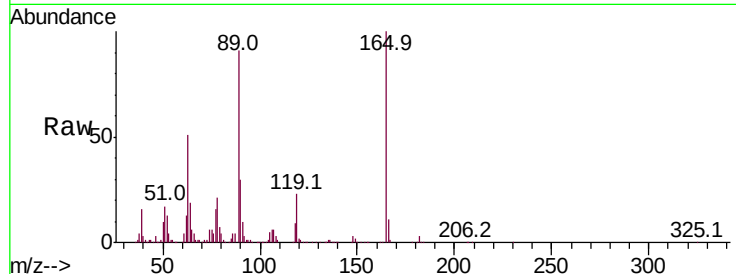




#57
2,4-Dinitrotoluene
Concen: 51.282 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

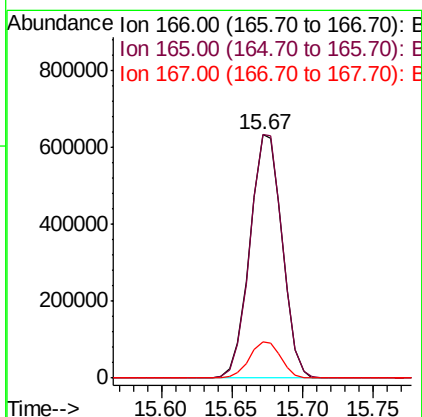
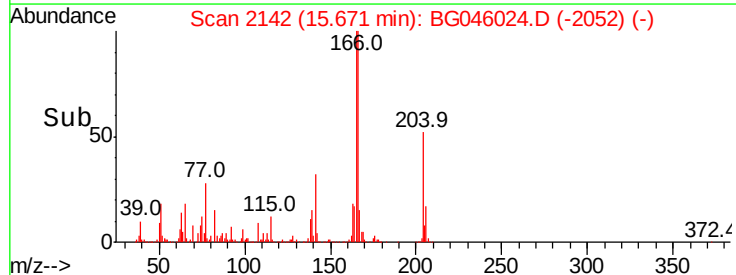
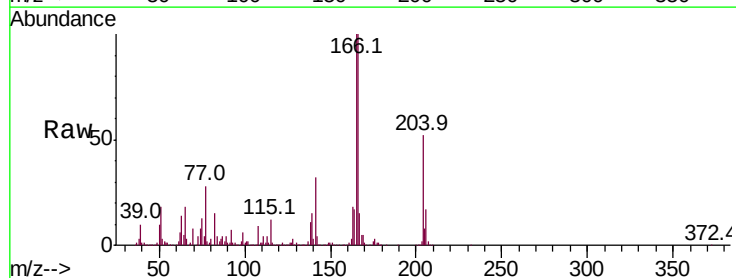
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

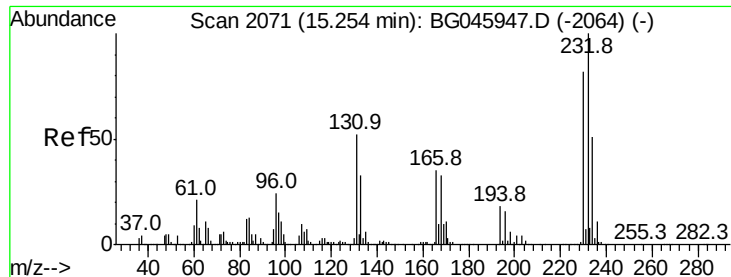
Tot Ion:165 Resp: 311133
Ion Ratio Lower Upper
165 100
63 51.2 35.4 53.0
89 90.8 65.4 98.2
182 2.8 2.0 3.0



#58
Fluorene
Concen: 39.956 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:166 Resp: 1016347
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 14.9 12.1 18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.518 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:232 Resp: 271112

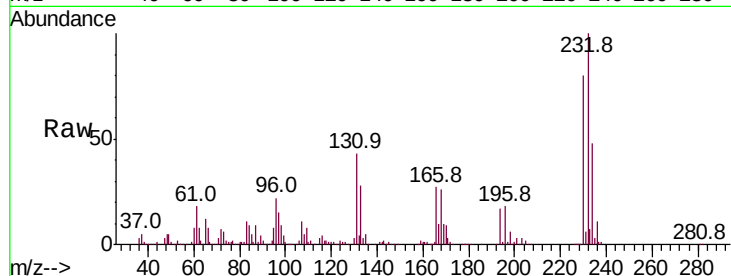
Ion Ratio Lower Upper

232 100

131 44.3 35.8 53.6

130 2.8 2.5 3.7

166 28.0 21.8 32.8

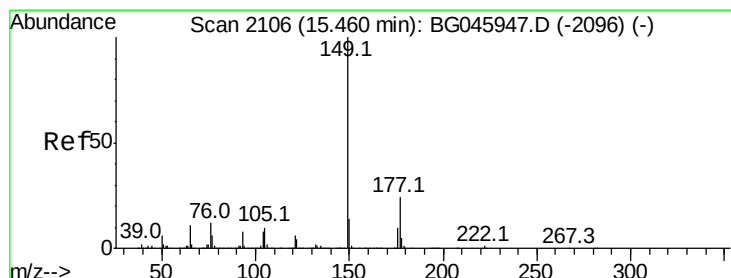
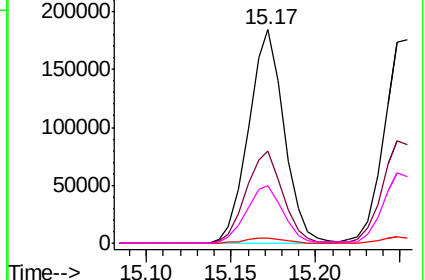
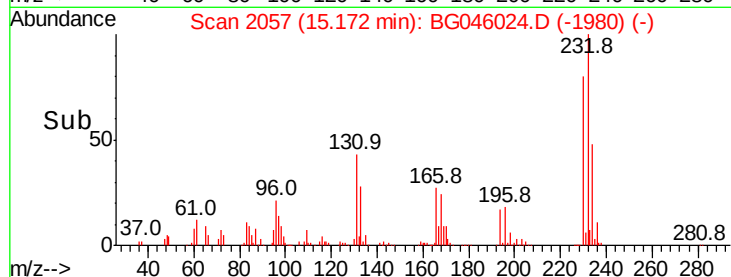


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.210 ng

RT: 15.45 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

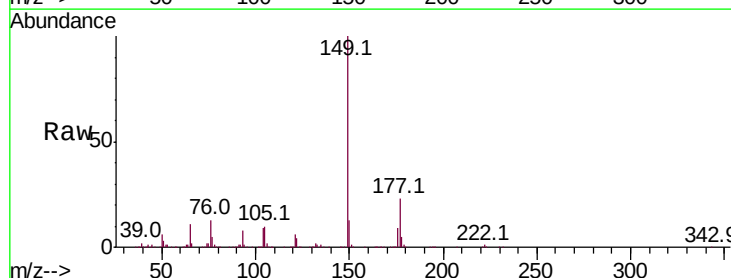
Tgt Ion:149 Resp: 1080687

Ion Ratio Lower Upper

149 100

177 23.5 19.0 28.4

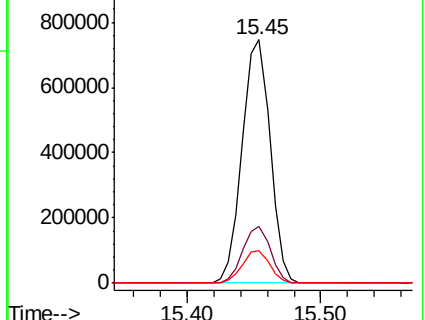
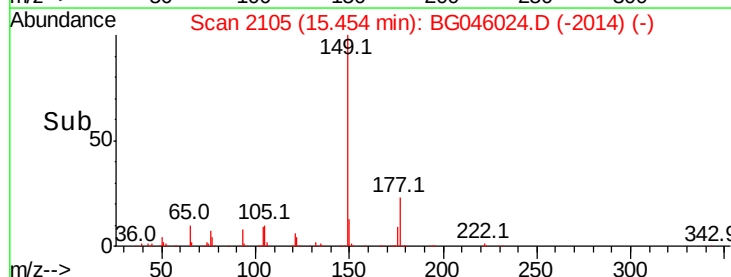
150 13.2 11.0 16.4

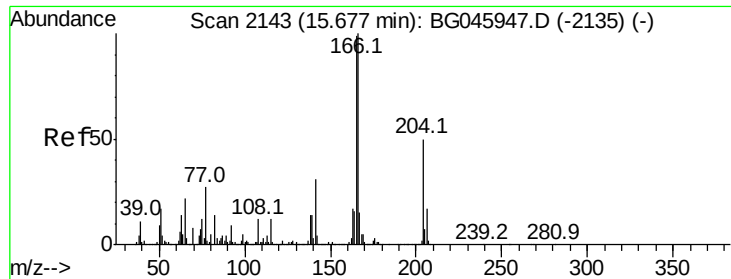


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

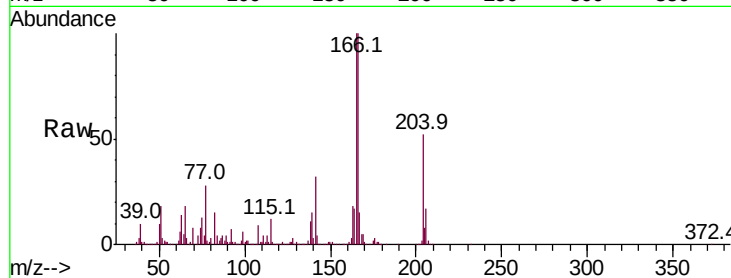




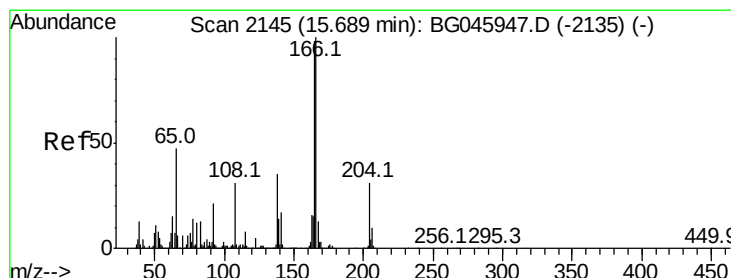
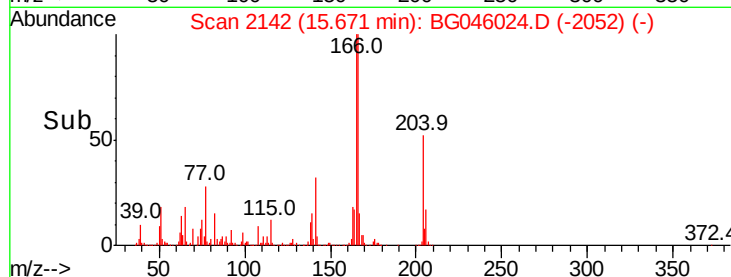
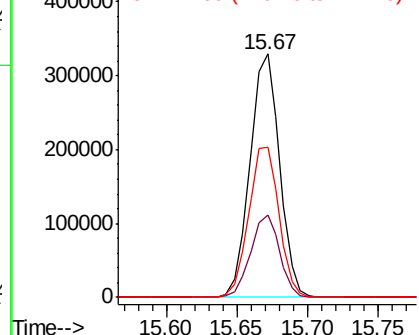
#61
4-Chlorophenyl-phenylether
Concen: 38.187 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion:204 Resp: 483240
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 61.8 49.8 74.8

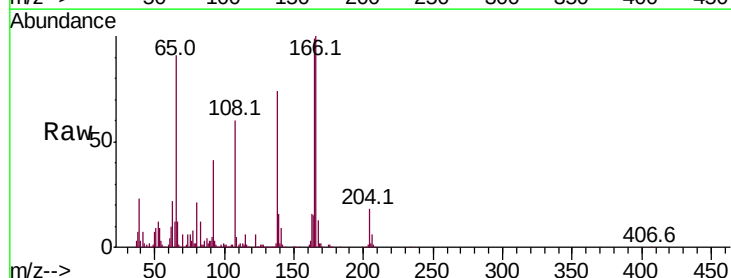


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

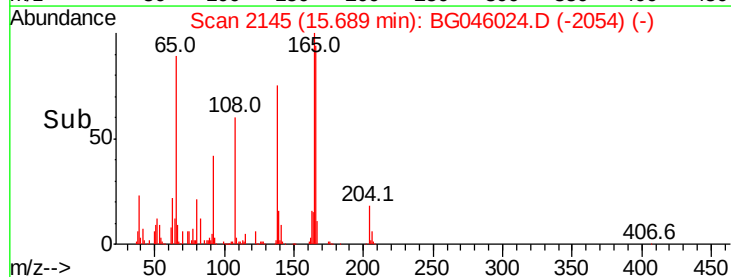
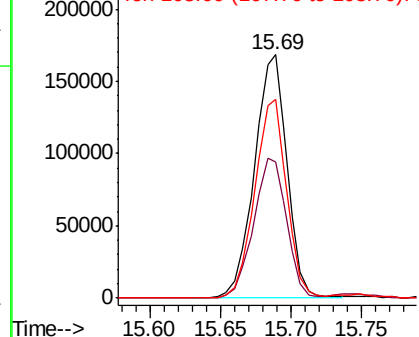


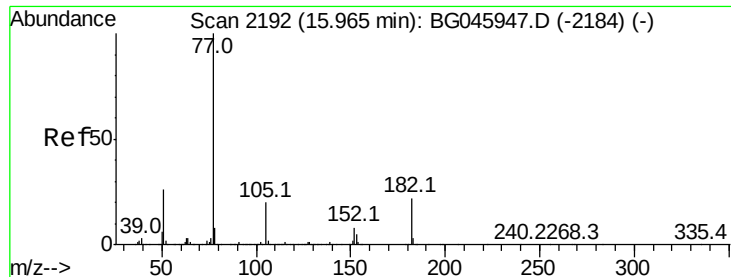
#62
4-Nitroaniline
Concen: 50.379 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:138 Resp: 273648
Ion Ratio Lower Upper
138 100
92 56.1 40.3 80.3
108 81.6 68.0 108.0



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





#63

Azobenzene

Concen: 41.344 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion: 77 Resp: 1223022

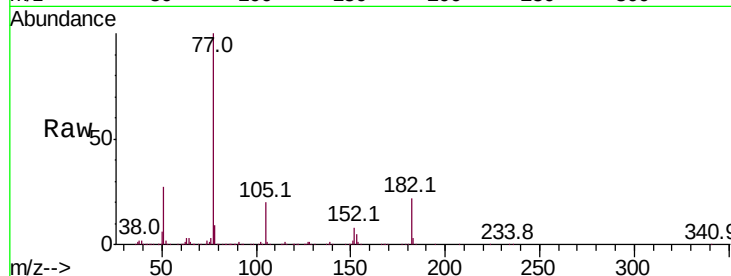
Ion	Ratio	Lower	Upper
77	100		
182	22.2	2.4	42.4
105	20.2	0.3	40.3
51	26.5	6.3	46.3

77 100

182 22.2 2.4 42.4

105 20.2 0.3 40.3

51 26.5 6.3 46.3

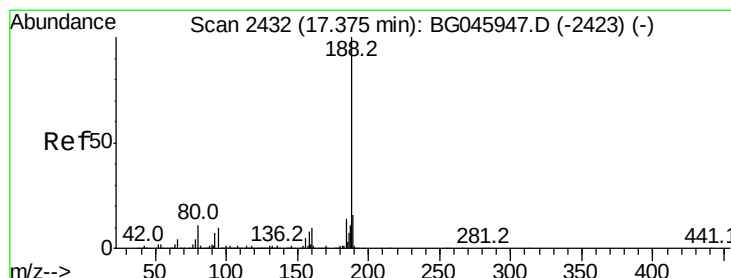
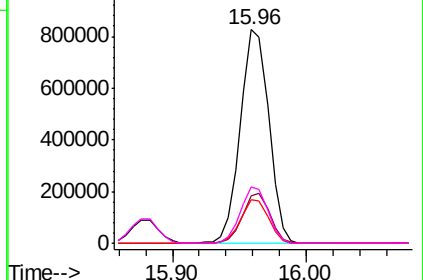
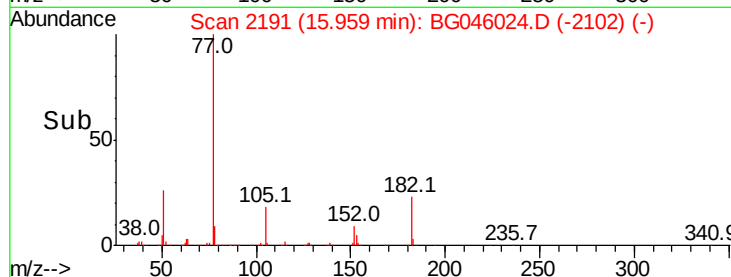


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG046024.D

Acq: 13 Jul 2020 15:55

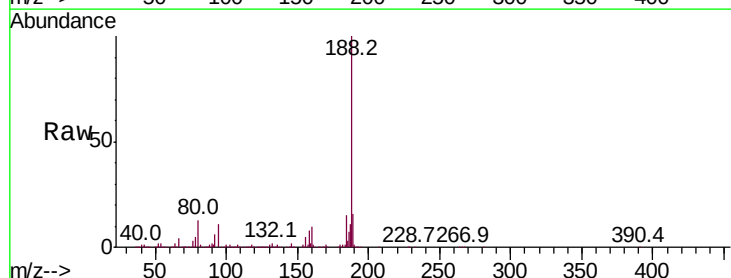
Tgt Ion: 188 Resp: 759374

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.4
80	13.2	9.0	13.6

188 100

94 11.2 8.2 12.4

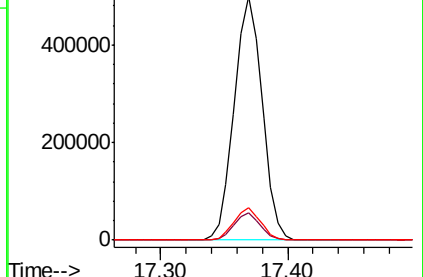
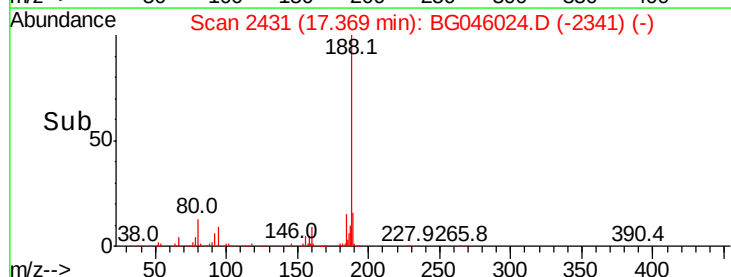
80 13.2 9.0 13.6

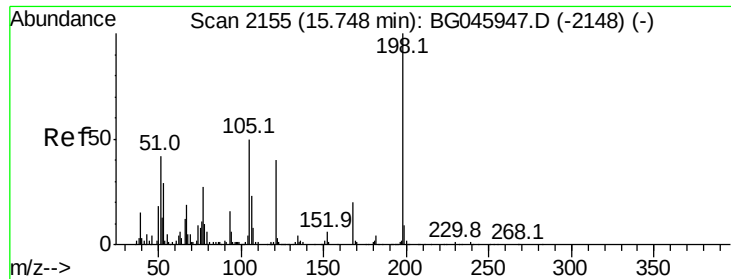


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

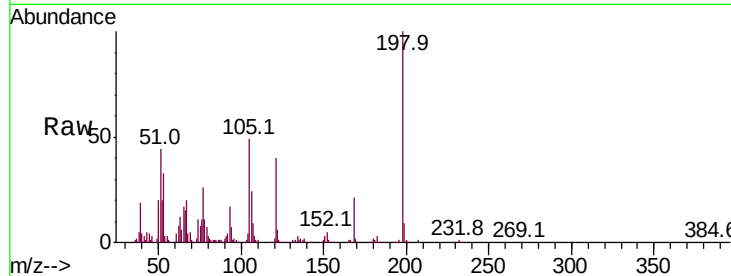




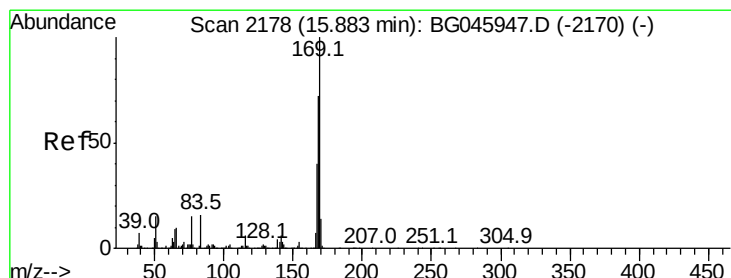
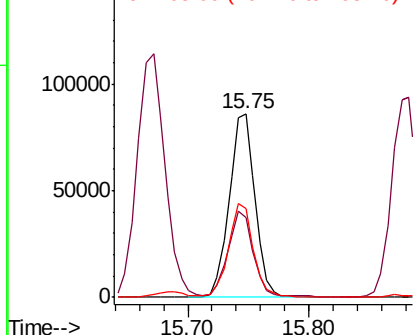
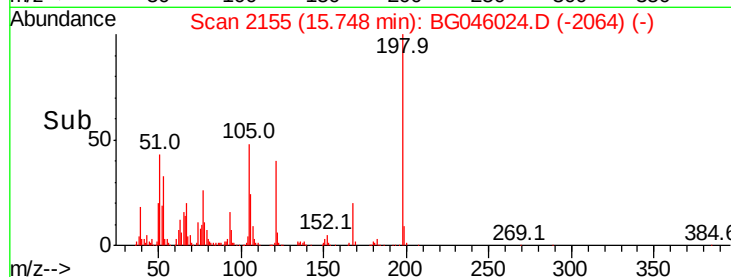
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.595 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	24.5	64.5
105	48.6	30.9	70.9

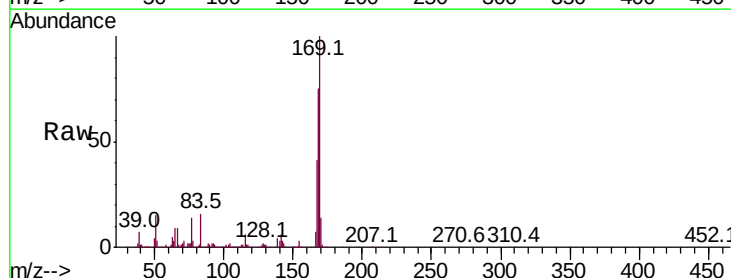


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

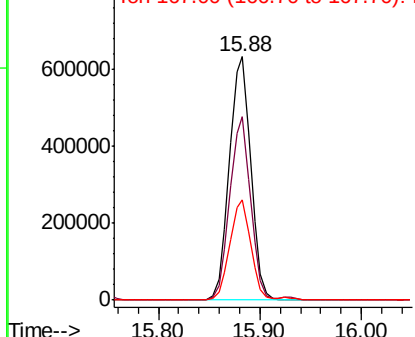
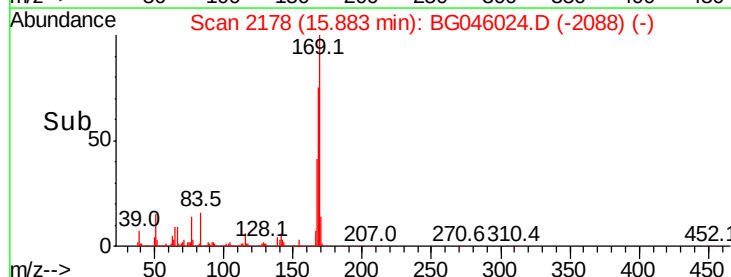


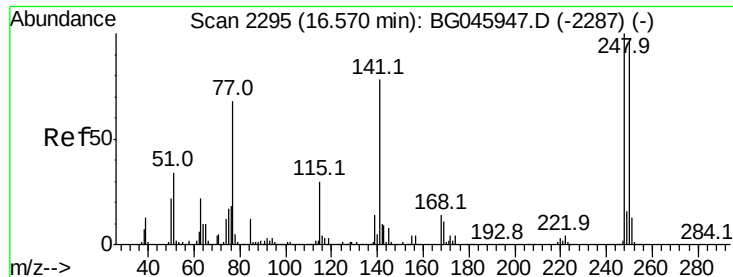
#66
 n-Nitrosodiphenylamine
 Concen: 39.305 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	75.5	57.3	85.9
167	41.2	32.1	48.1



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

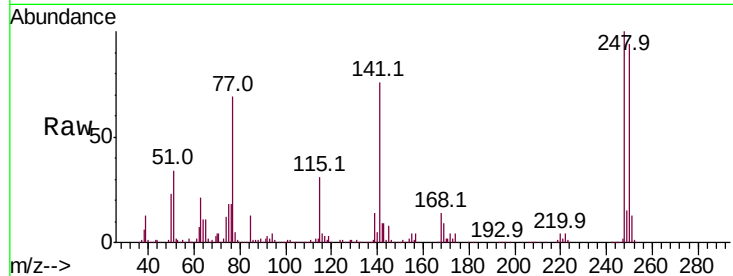




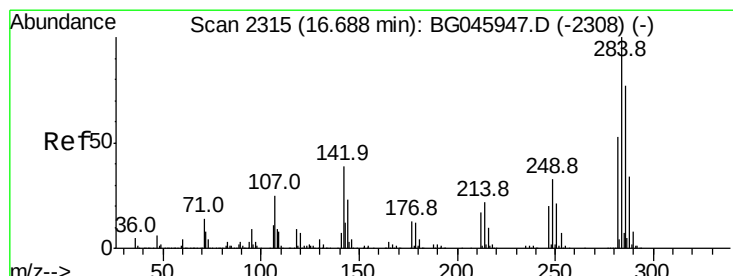
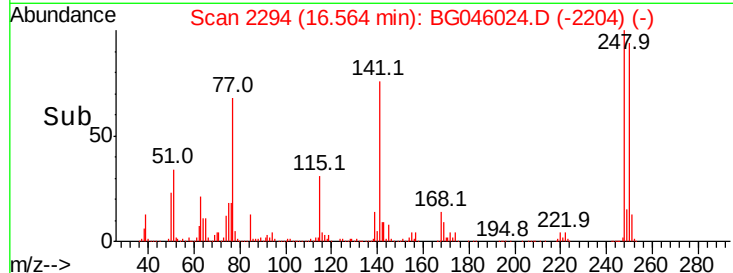
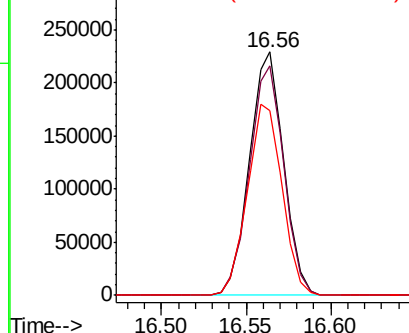
#67
4-Bromophenyl-phenylether
Concen: 37.827 ng
RT: 16.56 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion:248 Resp: 320814
Ion Ratio Lower Upper
248 100
250 94.0 76.6 114.8
141 75.7 62.7 94.1

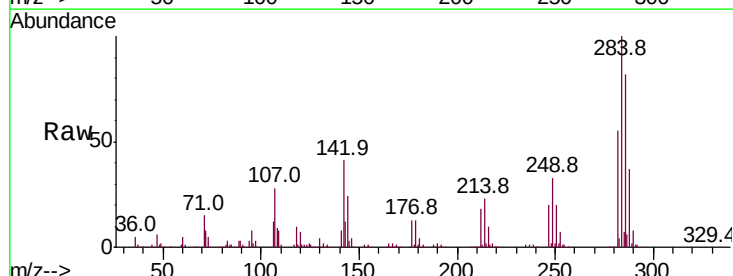


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

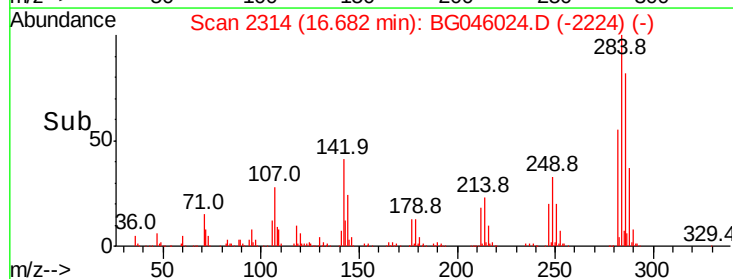
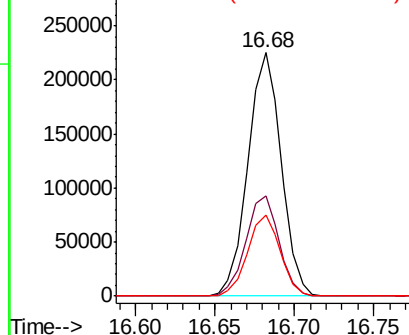


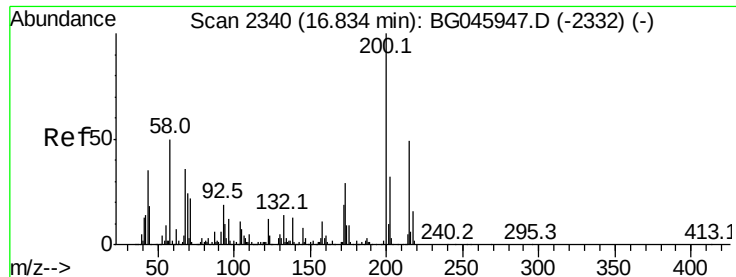
#68
Hexachlorobenzene
Concen: 38.524 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:284 Resp: 327864
Ion Ratio Lower Upper
284 100
142 41.3 31.3 46.9
249 33.5 26.8 40.2



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





#69

Atrazine

Concen: 42.666 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

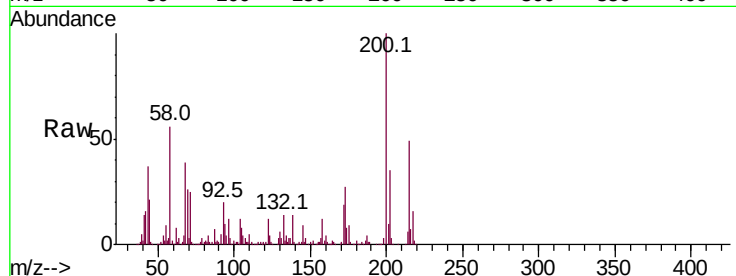
Tot Ion:200 Resp: 296845

Ion Ratio Lower Upper

200 100

173 27.2 9.1 49.1

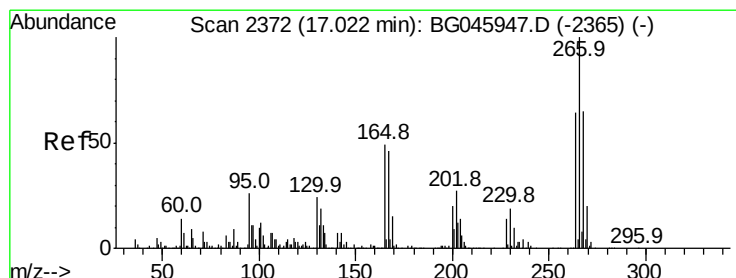
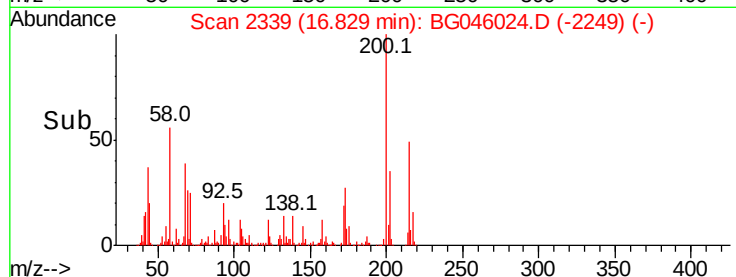
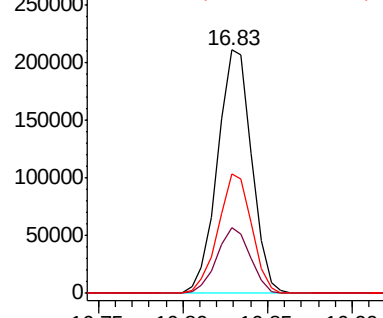
215 48.8 28.8 68.8



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: 85.468 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

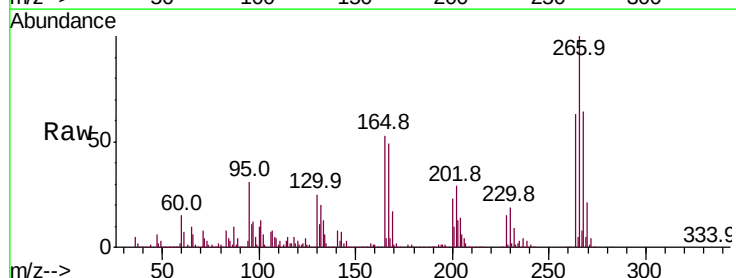
Tgt Ion:266 Resp: 404420

Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.8

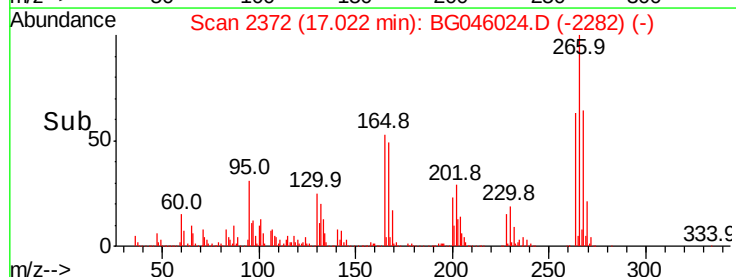
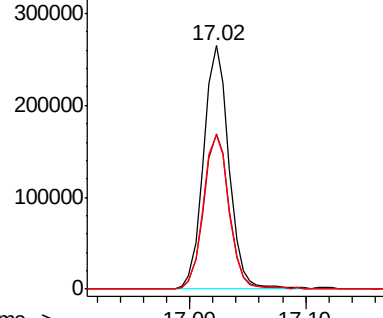
264 63.1 51.4 77.0

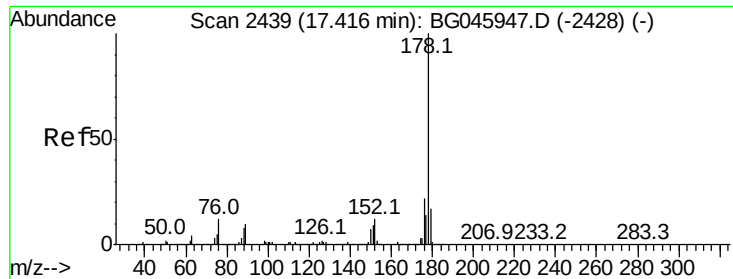


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

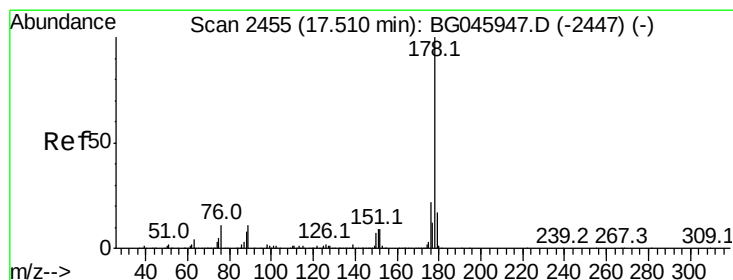
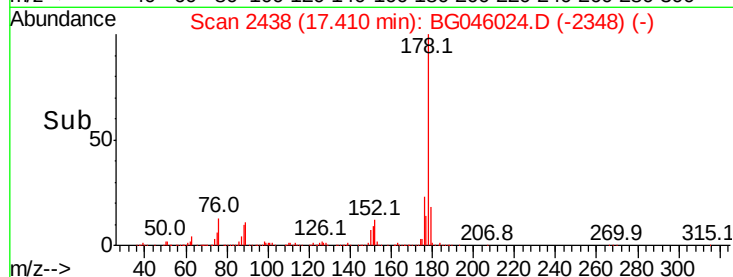
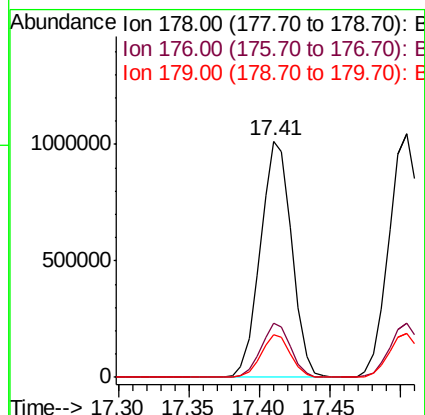
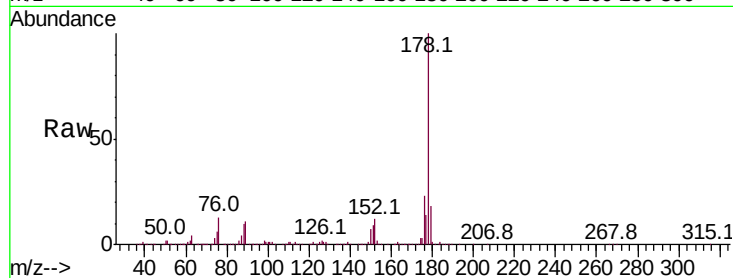




#71
Phenanthrene
Concen: 39.376 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

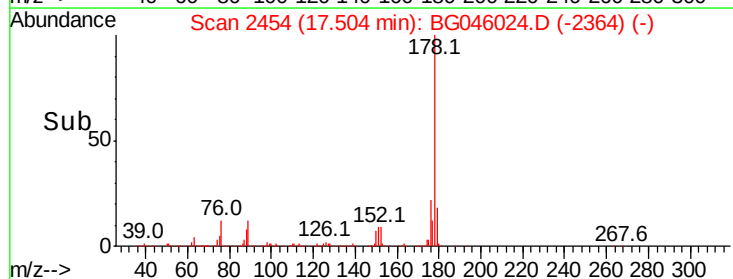
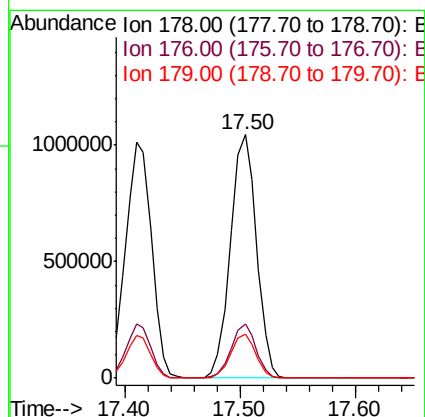
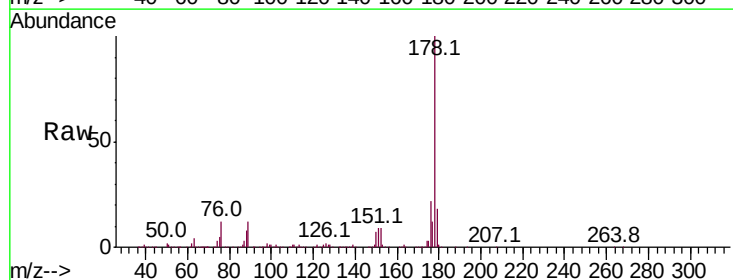
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

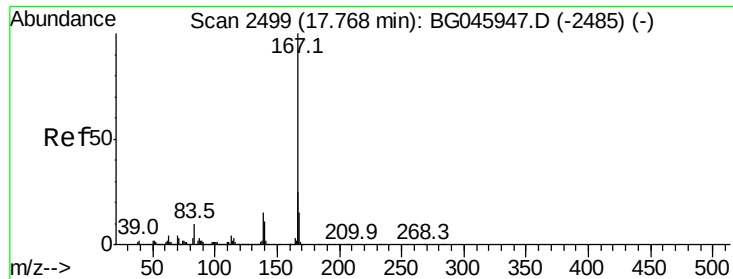
Tot Ion:178 Resp: 1580795
Ion Ratio Lower Upper
178 100
176 23.1 17.4 26.2
179 18.1 13.4 20.2



#72
Anthracene
Concen: 39.979 ng
RT: 17.50 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:178 Resp: 1628825
Ion Ratio Lower Upper
178 100
176 22.2 17.2 25.8
179 17.9 14.0 21.0



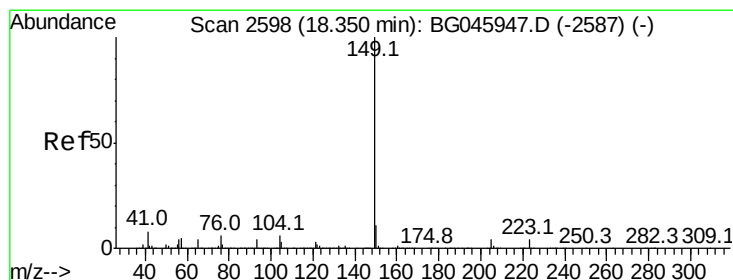
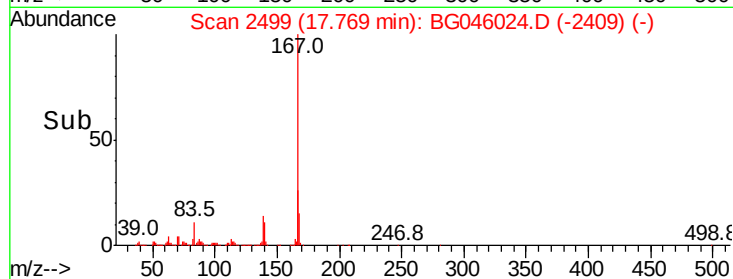
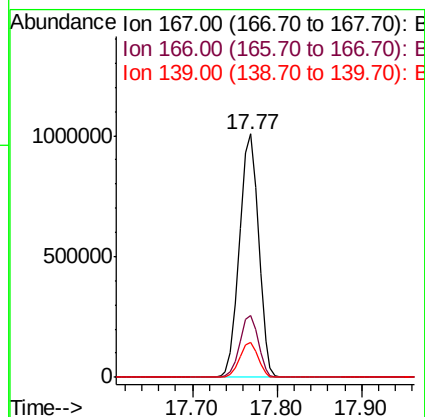
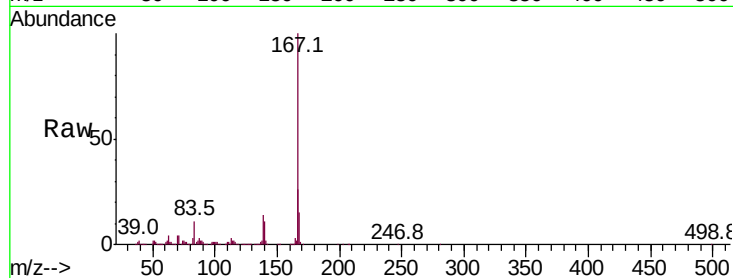


#73
 Carbazole
 Concen: 38.186 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion:167 Resp: 1559415

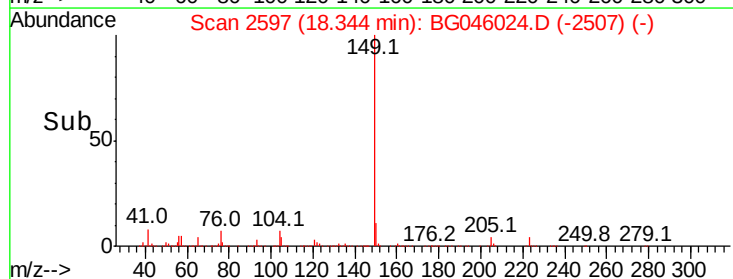
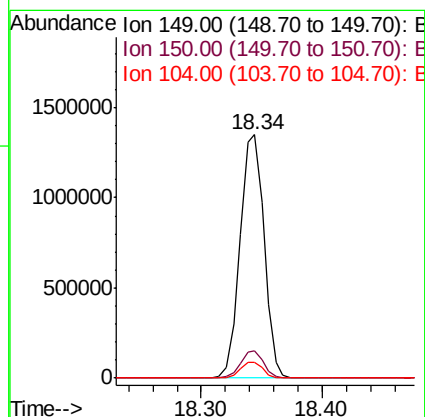
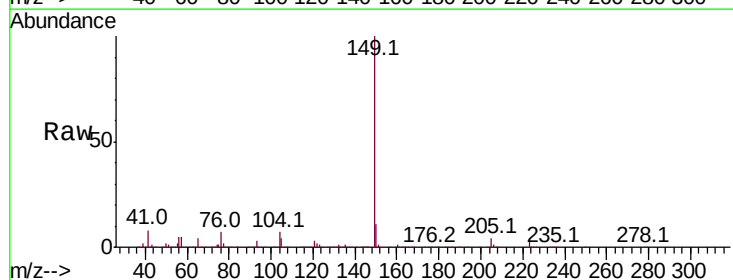
Ion	Ratio	Lower	Upper
167	100		
166	25.5	20.4	30.6
139	14.4	11.8	17.8

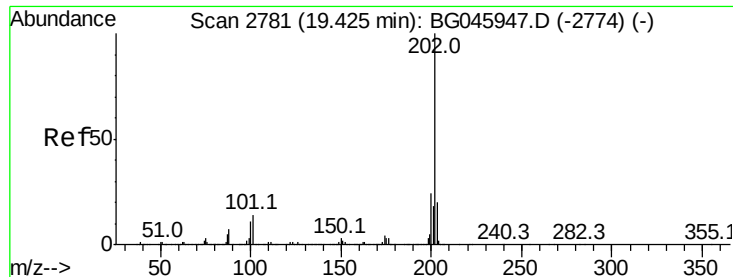


#74
 Di-n-butylphthalate
 Concen: 38.014 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion:149 Resp: 1875928

Ion	Ratio	Lower	Upper
149	100		
150	11.2	9.0	13.4
104	6.5	5.2	7.8





#75

Fluoranthene

Concen: 39.232 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

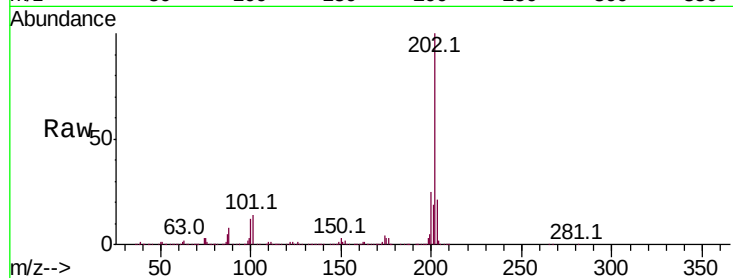
Tot Ion:202 Resp: 1820730

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.8
203	21.0	0.4	40.4

202 100

101 14.0 0.0 33.8

203 21.0 0.4 40.4

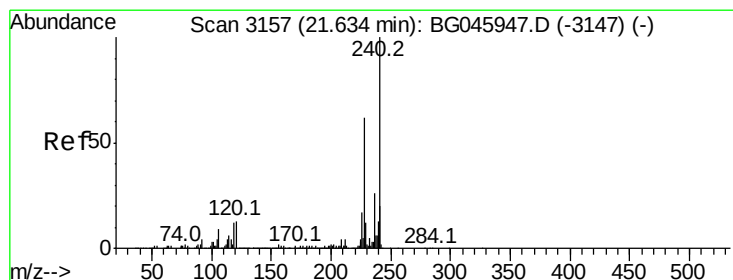
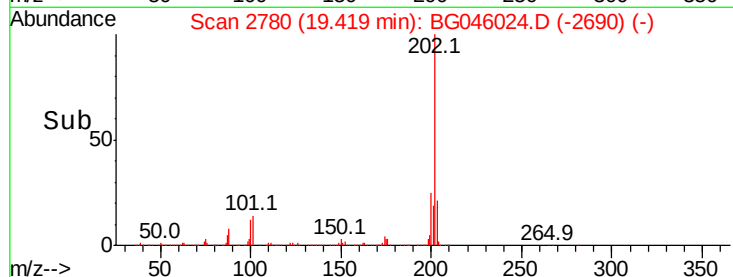
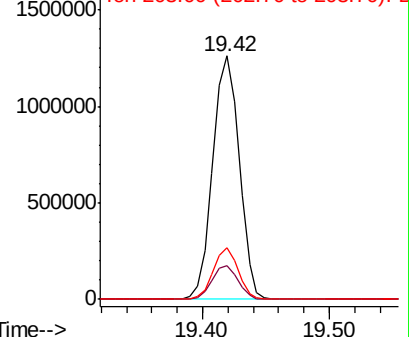


Abundance

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: BG046024.D

Acq: 13 Jul 2020 15:55

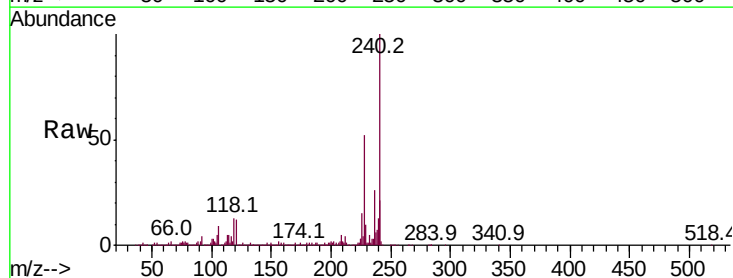
Tgt Ion:240 Resp: 635071

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.6	16.0
236	25.7	20.4	30.6

240 100

120 12.2 10.6 16.0

236 25.7 20.4 30.6

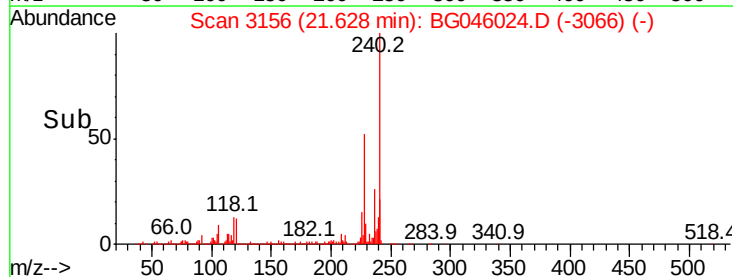
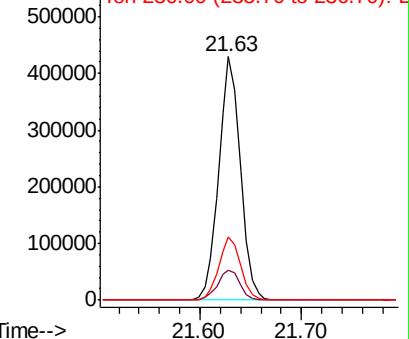


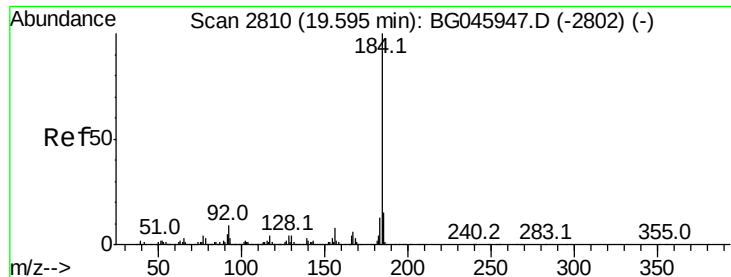
Abundance

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: 56.413 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

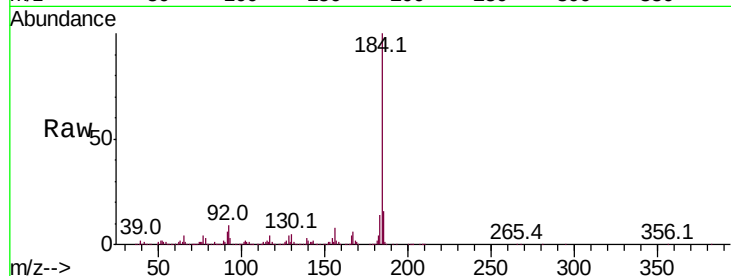
Tot Ion:184 Resp: 1024370

Ion Ratio Lower Upper

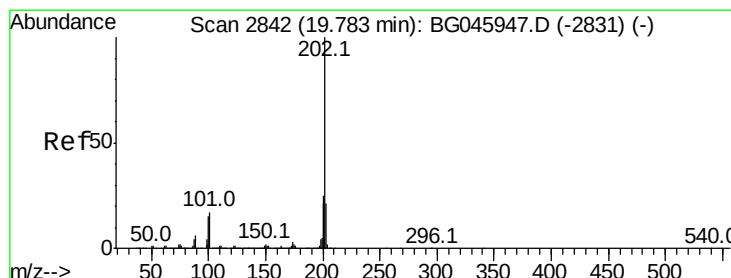
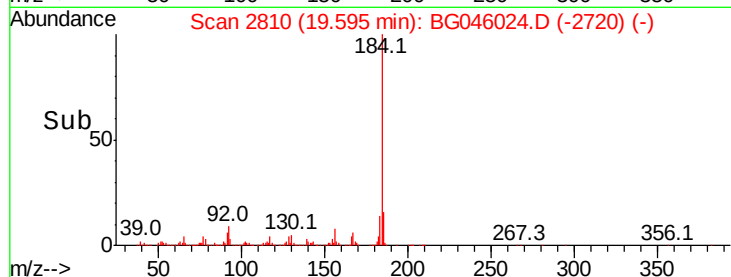
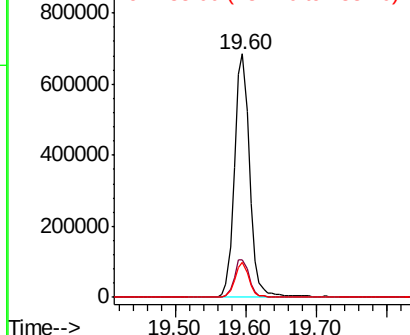
184 100

185 15.6 11.6 17.4

183 14.2 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: 41.366 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

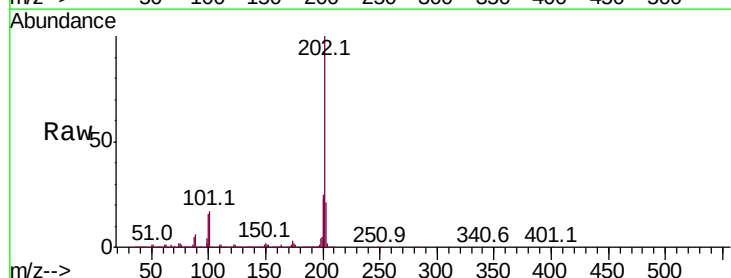
Tgt Ion:202 Resp: 1793221

Ion Ratio Lower Upper

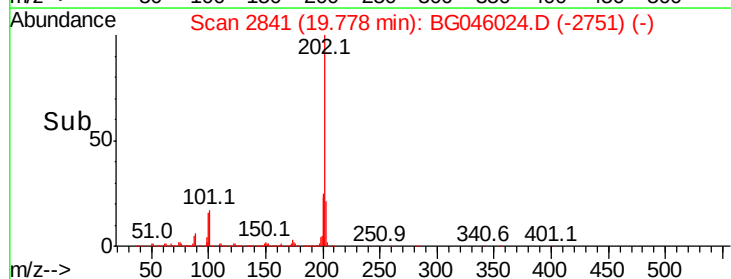
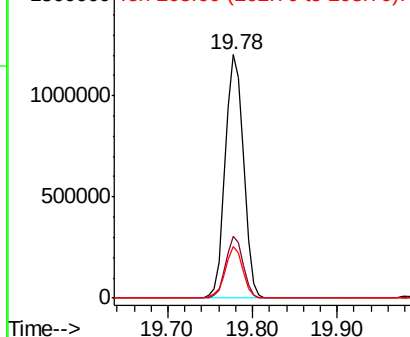
202 100

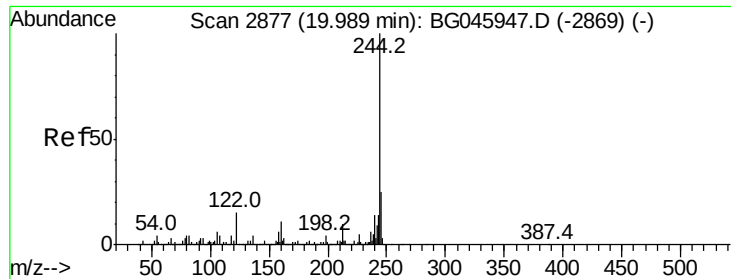
200 25.4 20.1 30.1

203 21.3 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: 79.834 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

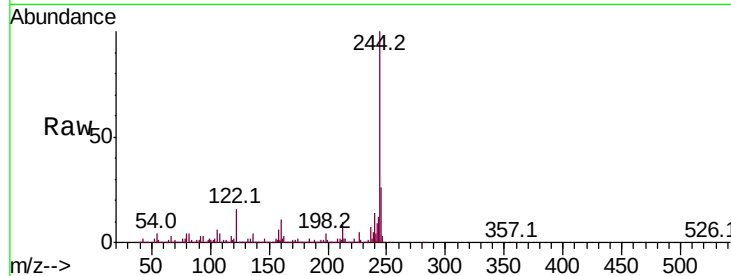
Tot Ion:244 Resp: 2278123

Ion Ratio Lower Upper

244 100

212 10.2 8.3 12.5

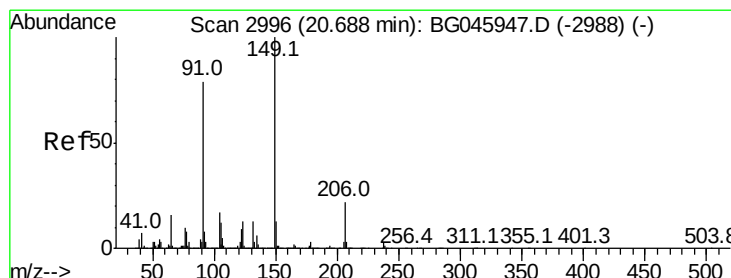
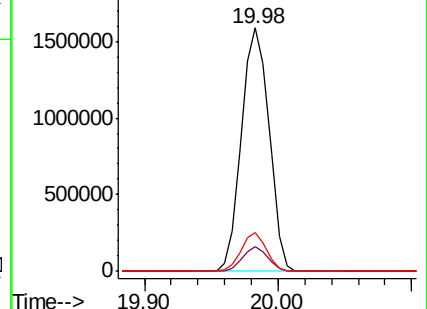
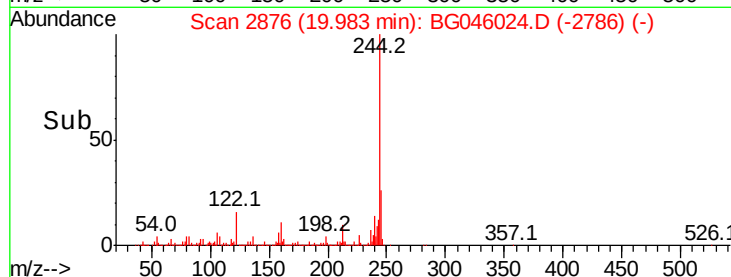
122 15.9 12.1 18.1



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: 42.160 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

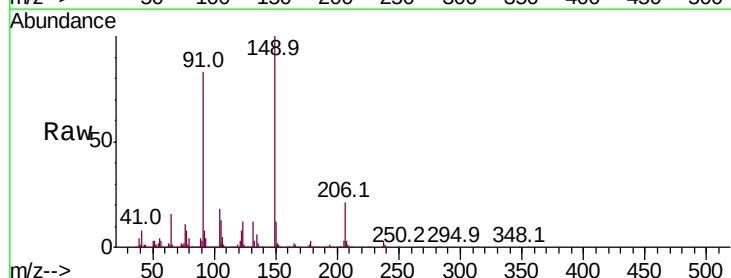
Tgt Ion:149 Resp: 863665

Ion Ratio Lower Upper

149 100

91 82.7 63.1 94.7

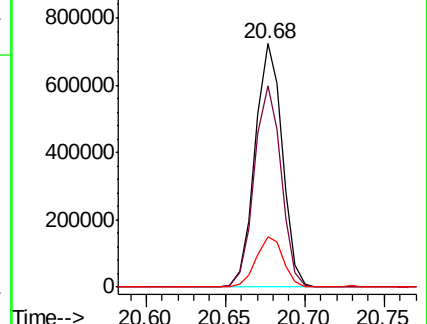
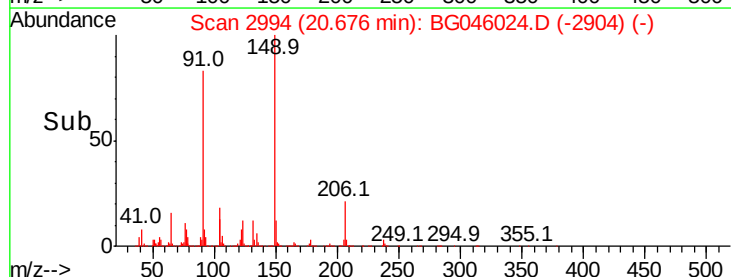
206 20.7 17.4 26.0

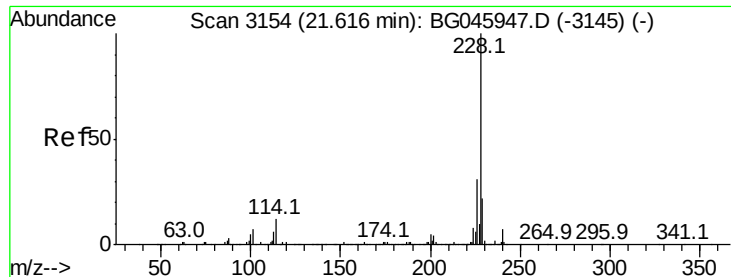


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.320 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

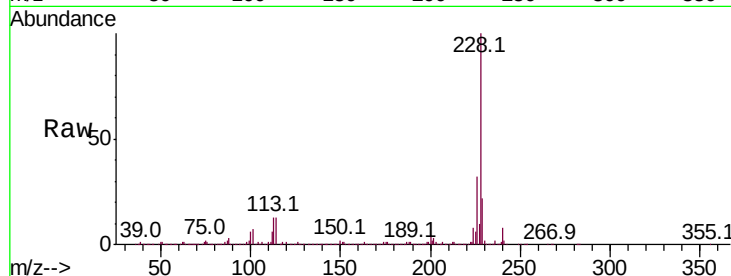
Tot Ion:228 Resp: 1641931

Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

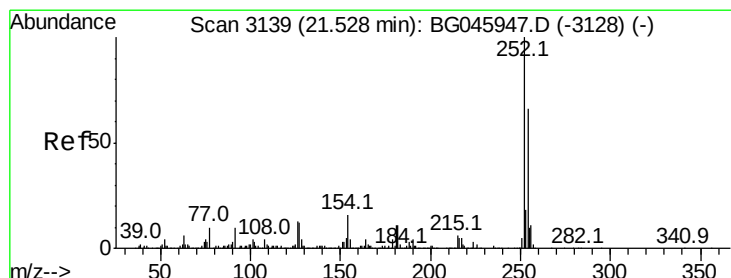
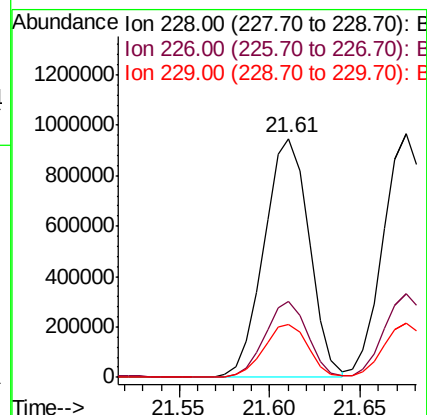
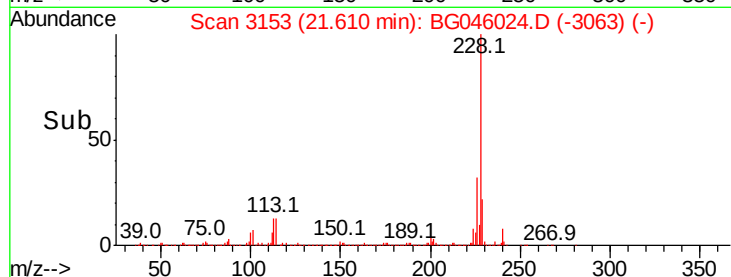
229 22.1 17.8 26.8



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: 32.485 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

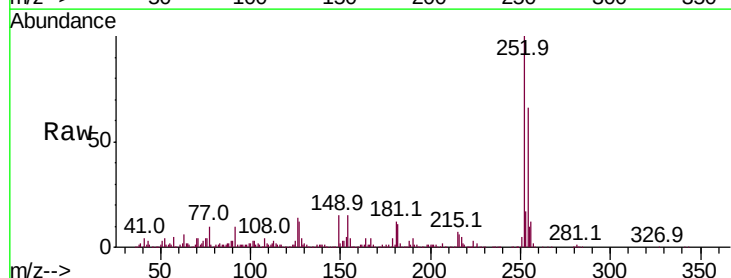
Tgt Ion:252 Resp: 501256

Ion Ratio Lower Upper

252 100

254 65.7 52.9 79.3

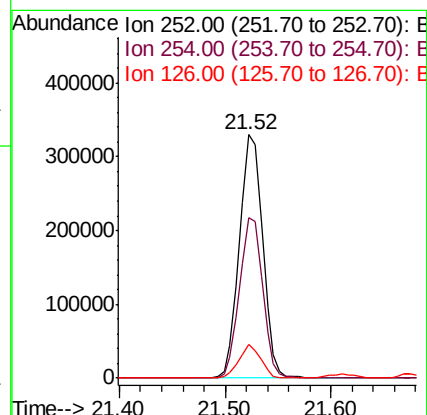
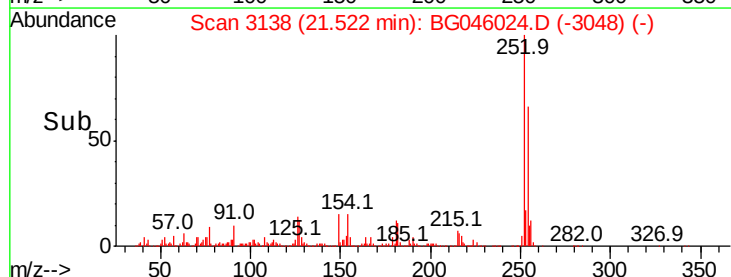
126 13.6 10.4 15.6

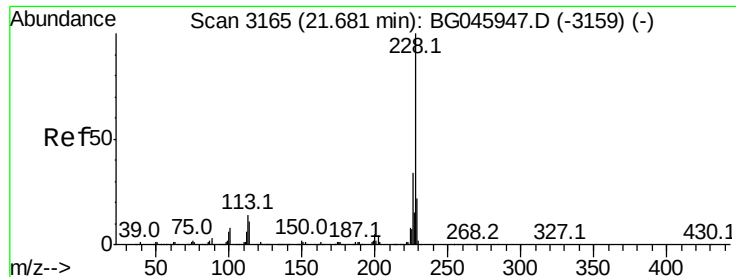


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.063 ng

RT: 21.67 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

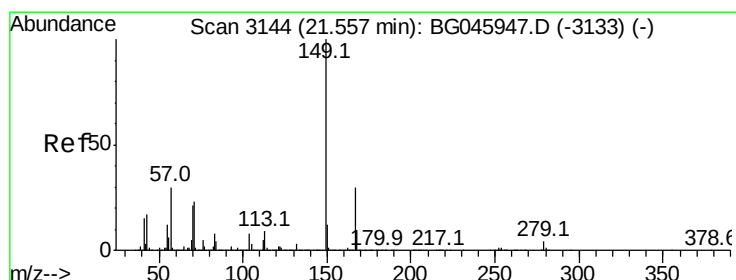
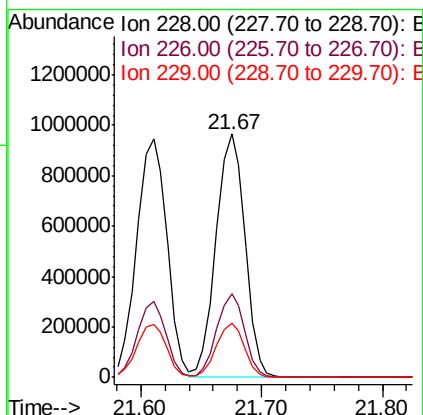
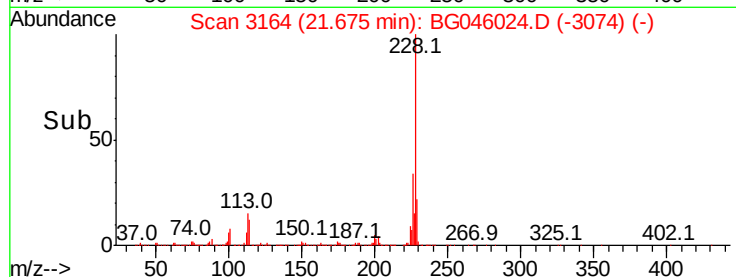
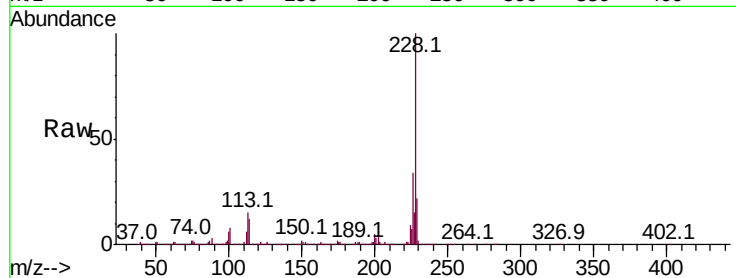
BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:228 Resp: 1593784

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.2	17.3	25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.633 ng

RT: 21.55 min Scan# 3142

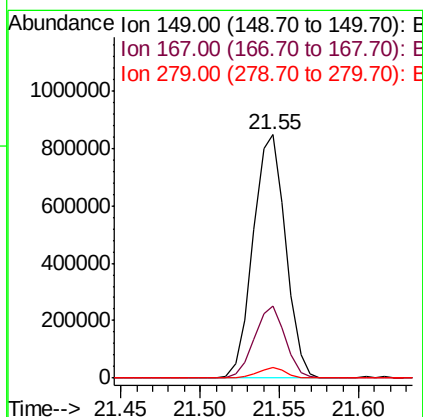
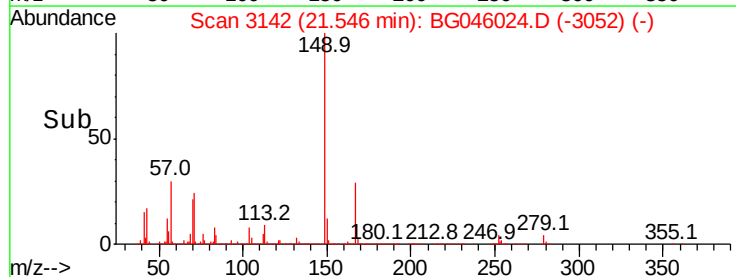
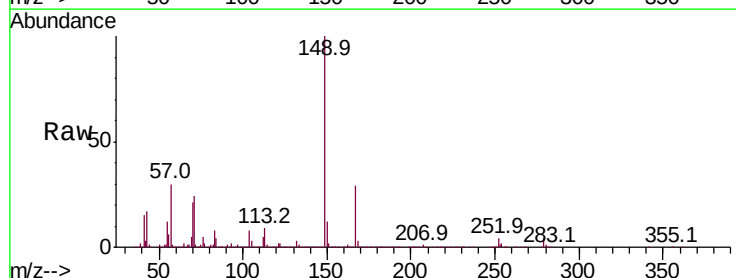
Delta R.T. 0.00 min

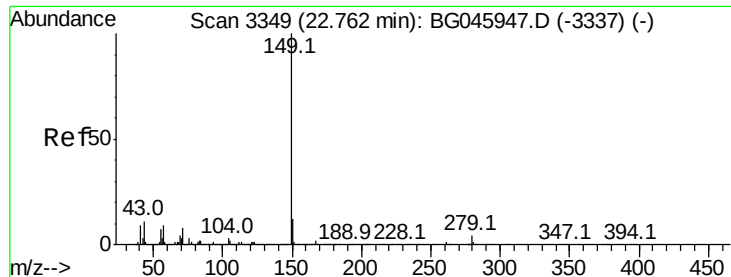
Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:149 Resp: 1208281

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.8
279	4.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 39.810 ng

RT: 22.74 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

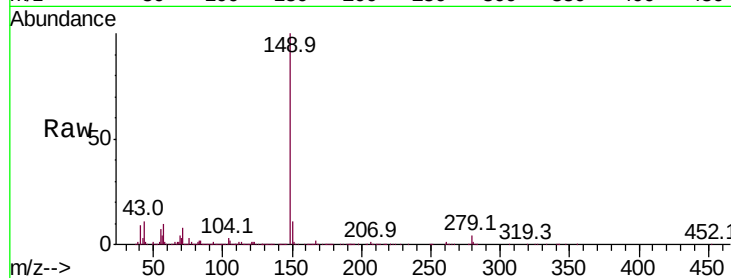
Tot Ion:149 Resp: 2054352

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

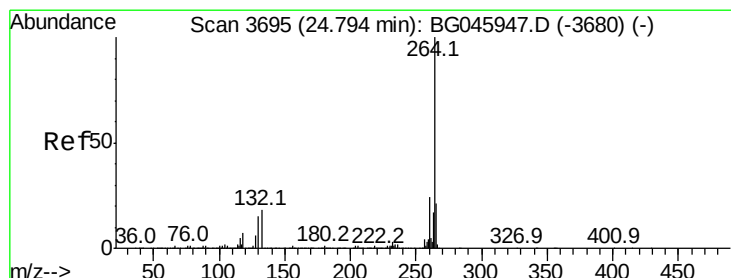
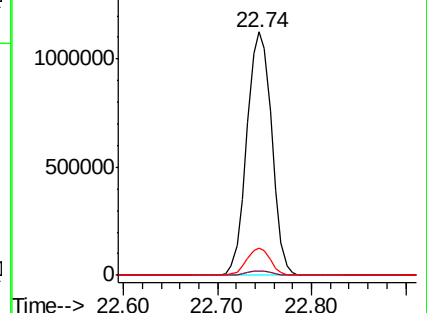
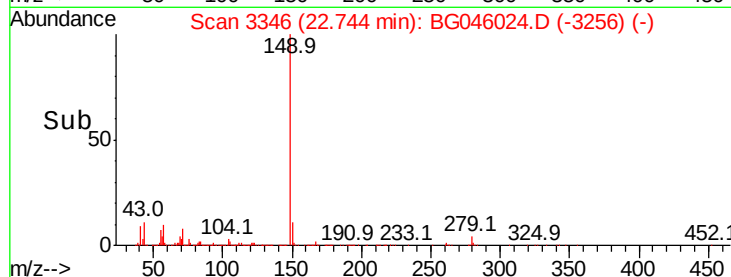
43 10.7 8.6 12.8



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: BG046024.D

Acq: 13 Jul 2020 15:55

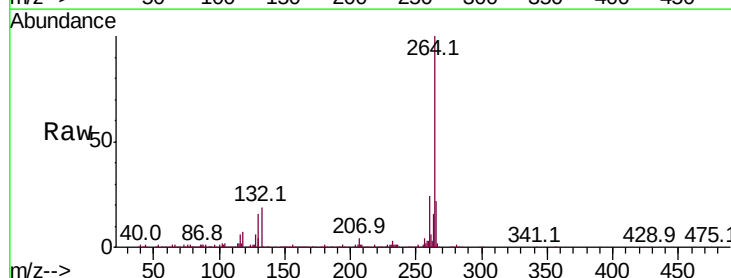
Tgt Ion:264 Resp: 661671

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

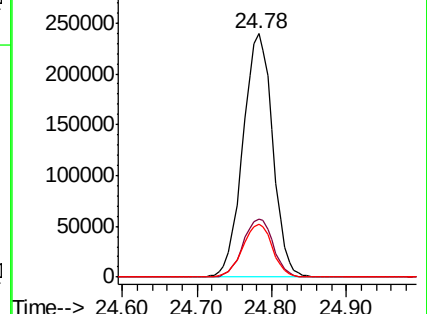
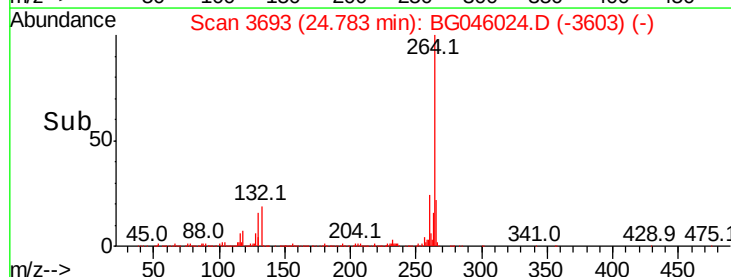
265 21.6 16.9 25.3

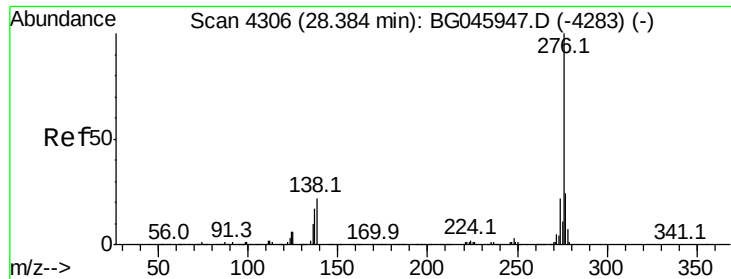


Abundance Ion 264.00 (263.70 to 264.70): E

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: 42.133 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

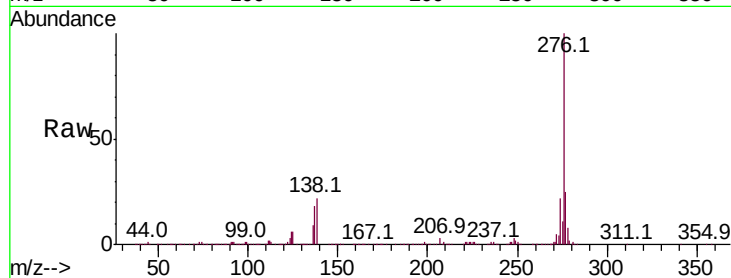
Tot Ion:276 Resp: 2039504

Ion Ratio Lower Upper

276 100

138 21.2 16.4 24.6

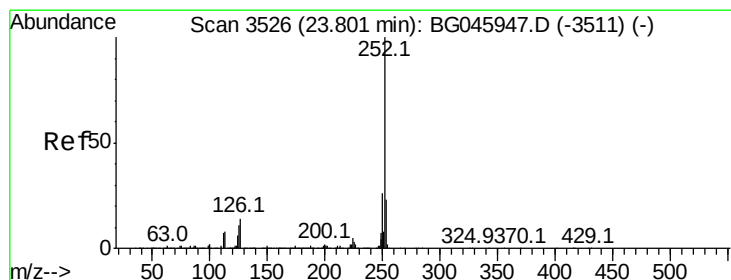
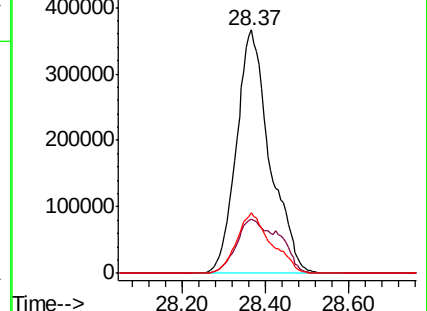
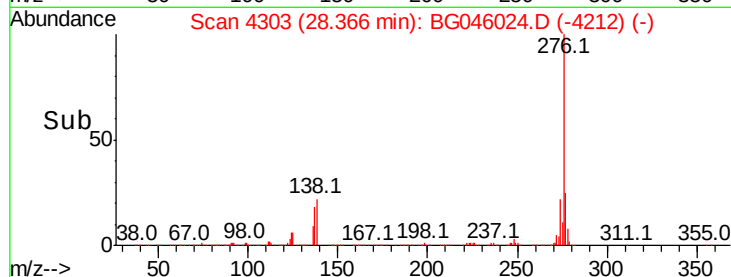
277 25.9 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 41.398 ng

RT: 23.79 min Scan# 3524

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

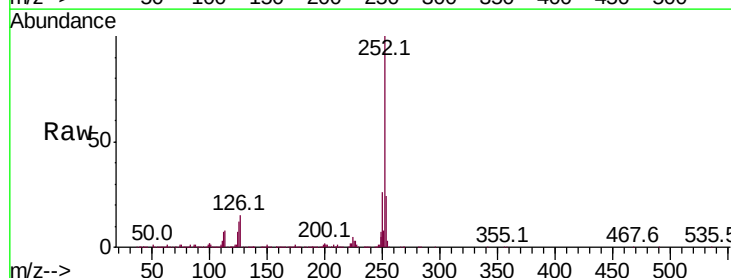
Tgt Ion:252 Resp: 1738854

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

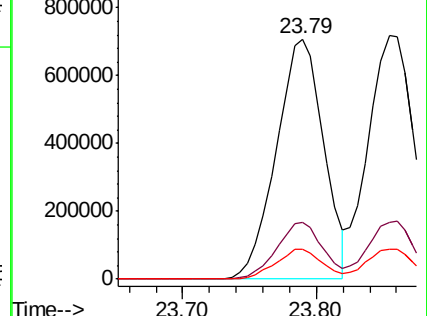
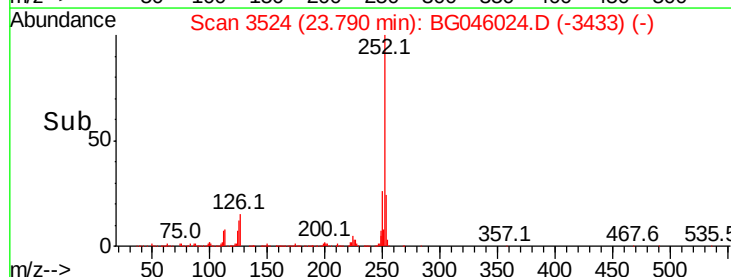
125 12.3 9.2 13.8

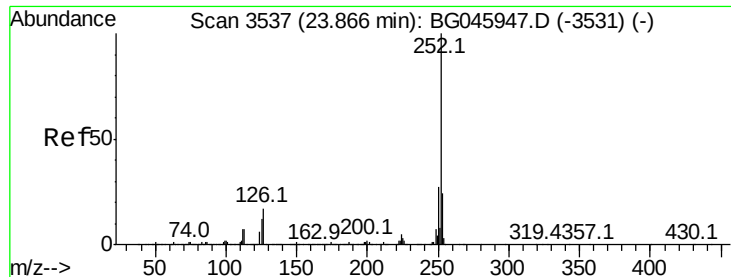


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

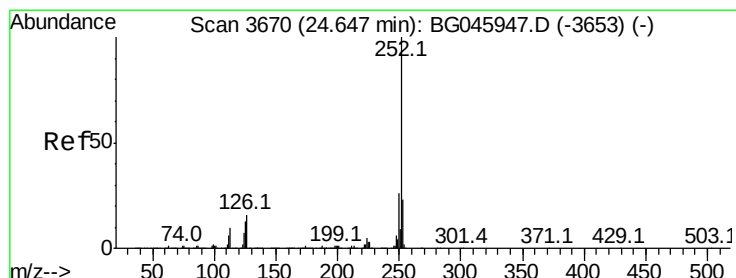
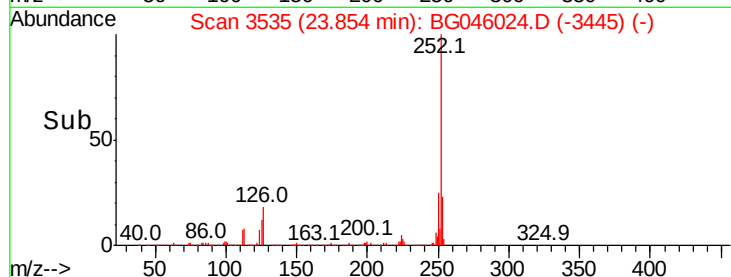
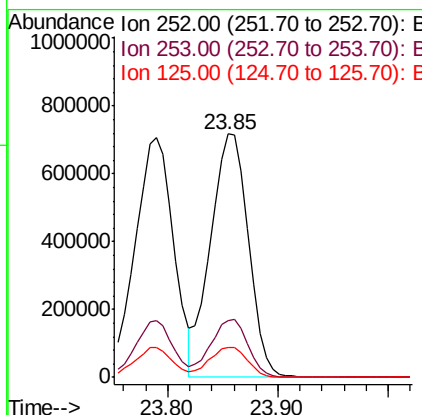
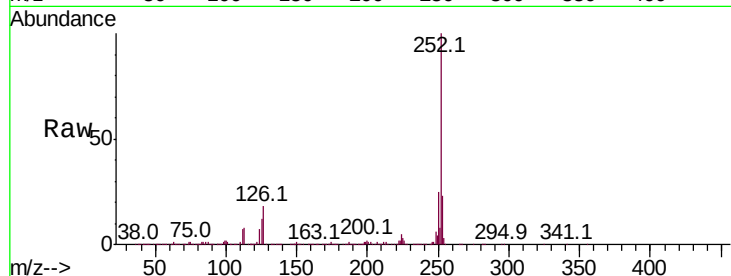




#89
Benzo(k)fluoranthene
Concen: 42.960 ng
RT: 23.85 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

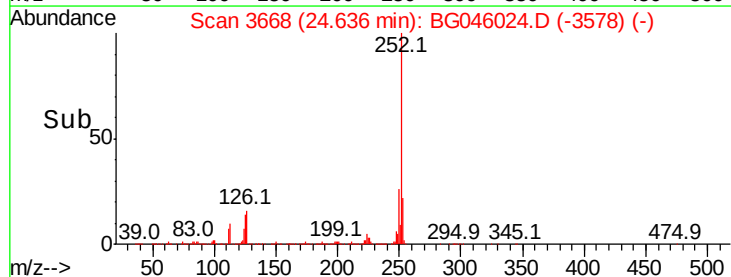
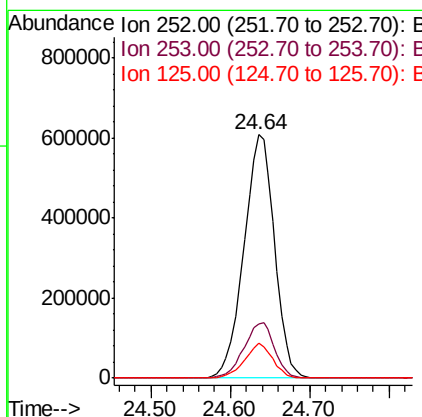
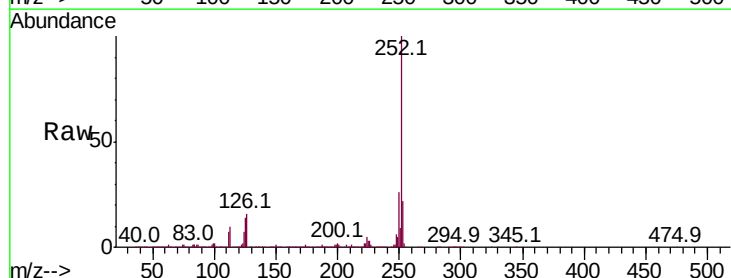
Instrument :
BNA_G
ClientSampleId :
PB130129BSD

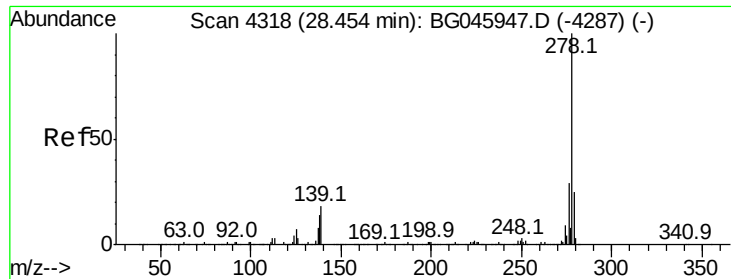
Tot Ion:252 Resp: 1706215
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.4 9.6 14.4



#90
Benzo(a)pyrene
Concen: 41.246 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:252 Resp: 1629100
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 14.5 10.5 15.7

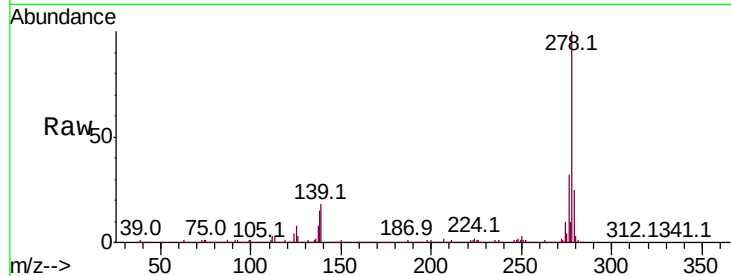




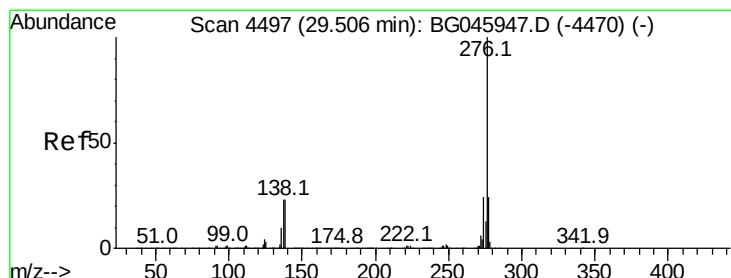
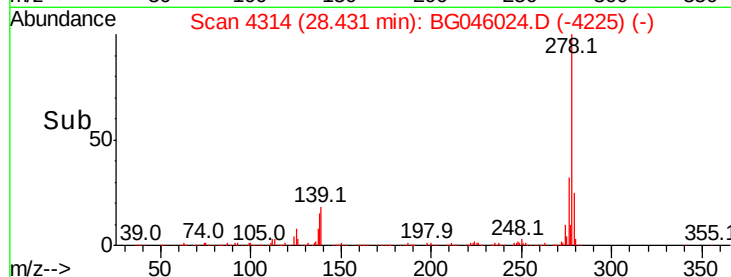
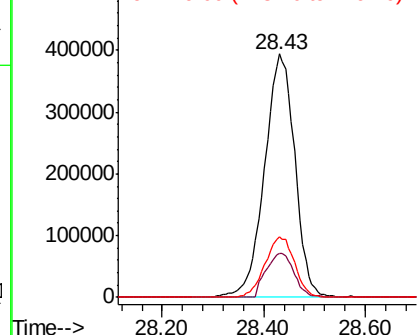
#91
Dibenzo(a,h)anthracene
Concen: 41.918 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion:278 Resp: 1636577
Ion Ratio Lower Upper
278 100
139 18.3 14.3 21.5
279 25.0 19.8 29.6

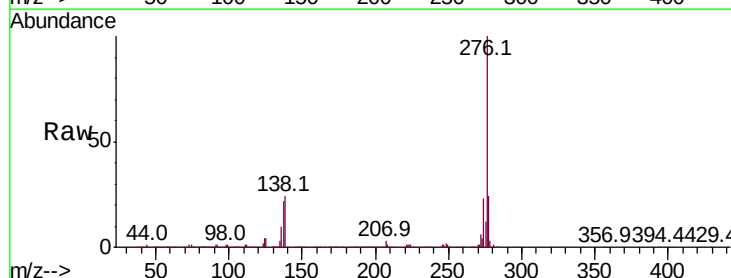


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.921 ng
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion:276 Resp: 1647090
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 23.9 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

