

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045815.D
 Acq On : 19 Jun 2020 14:45
 Operator : CG/JU
 Sample : L3033-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616

Quant Time: Jun 19 17:25:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68717	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	210053	20.00	ng	0.01
39) Acenaphthene-d10	14.57	164	133381	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	290072	20.00	ng	0.00
76) Chrysene-d12	21.57	240	299760	20.00	ng	0.00
86) Perylene-d12	24.70	264	319039	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	202826	49.86	ng	0.02
7) Phenol-d6	7.18	99	189945	30.70	ng	0.01
23) Nitrobenzene-d5	9.10	82	435304	94.67	ng	0.01
42) 2,4,6-Tribromophenol	16.08	330	287435	142.74	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	886833	97.71	ng	0.01
79) Terphenyl-d14	19.94	244	1341926	90.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	5884532	3158.396	ng	# 82
3) Pyridine	3.83	79	292832	53.039	ng	# 36
4) n-Nitrosodimethylamine	3.71	42	491822	265.387	ng	# 1
6) Aniline	7.36	93	1432938	196.676	ng	# 54
8) 2-Chlorophenol	7.52	128	11360	2.609	ng	# 95
9) Benzaldehyde	7.07	77	10910	2.936	ng	# 54
10) Phenol	7.21	94	960228	160.159	ng	# 96
11) bis(2-Chloroethyl)ether	7.36	93	1432938	314.662	ng	# 98
12) 1,3-Dichlorobenzene	7.81	146	65559	12.634	ng	# 98
13) 1,4-Dichlorobenzene	7.96	146	307285	59.287	ng	# 95
14) 1,2-Dichlorobenzene	8.29	146	1329626	267.965	ng	# 94
15) Benzyl Alcohol	8.25	79	24400	5.096	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.51	45	36300	8.458	ng	# 56
17) 2-Methylphenol	8.45	107	1221186	273.695	ng	# 96
18) Hexachloroethane	9.03	117	6884	3.497	ng	# 1
20) 3+4-Methylphenols	8.84	107	7082559	1206.977	ng	# 72
22) Acetophenone	8.77	105	189486	32.867	ng	# 1
24) Nitrobenzene	9.39	77	153002	31.208	ng	# 72
26) 2-Nitrophenol	9.94	139	13624	6.670	ng	# 1
27) 2,4-Dimethylphenol	10.03	122	3141992	1007.579	ng	# 95
28) bis(2-Chloroethoxy)methane	10.20	93	257050	55.284	ng	# 1
31) Naphthalene	10.79	128	580867	50.581	ng	# 98
32) Benzoic acid	10.03	122	3141992	1272.004	ng	# 21
35) Caprolactam	11.78	113	30934	26.275	ng	# 1
36) 4-Chloro-3-methylphenol	12.10	107	169058	40.245	ng	# 24
37) 2-Methylnaphthalene	12.40	142	60806	7.111	ng	# 89
38) 1-Methylnaphthalene	12.62	142	35402	4.375	ng	# 98
46) 1,1'-Biphenyl	13.43	154	80906	8.472	ng	# 83
48) 2-Nitroaniline	13.88	65	222123	86.568	ng	# 23
50) Dimethylphthalate	14.03	163	107551	10.293	ng	# 97
54) 2,4-Dinitrophenol	14.71	184	138	9.918	ng	# 1
56) 4-Nitrophenol	14.86	139	4136	6.313	ng	# 38
60) Diethylphthalate	15.40	149	80185	7.507	ng	# 97
67) 4-Bromophenyl-phenylether	16.08	248	19184	5.090	ng	# 1

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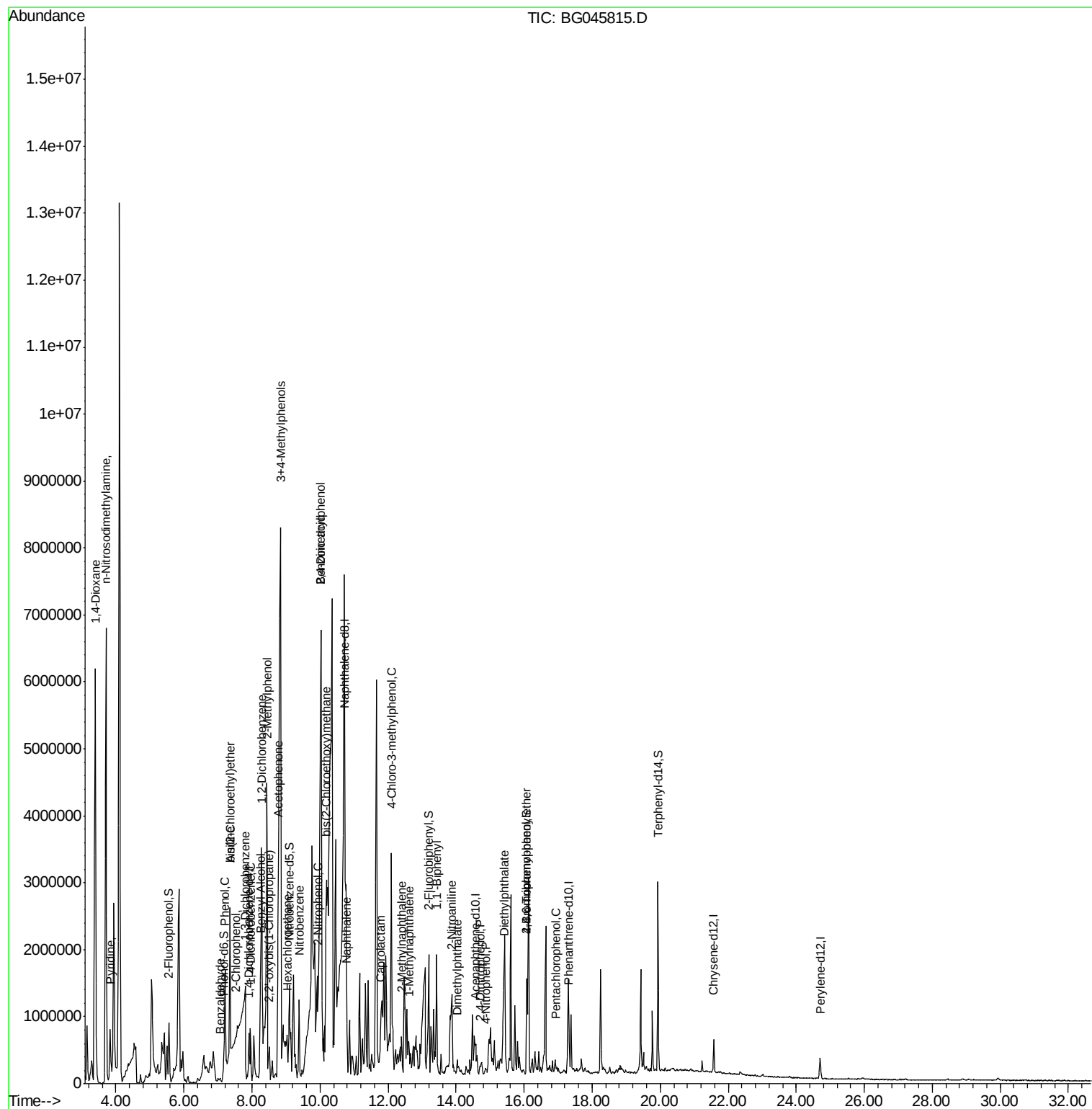
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Pentachlorophenol	16.93	266	54	7.658	ng	# 17

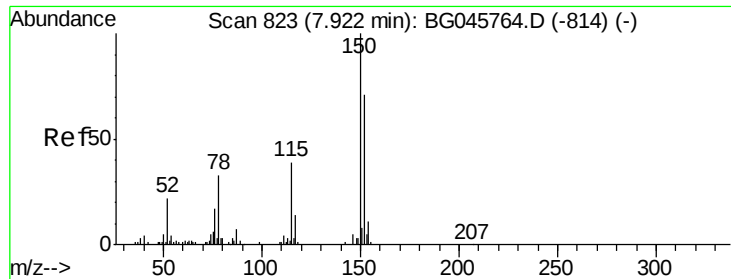
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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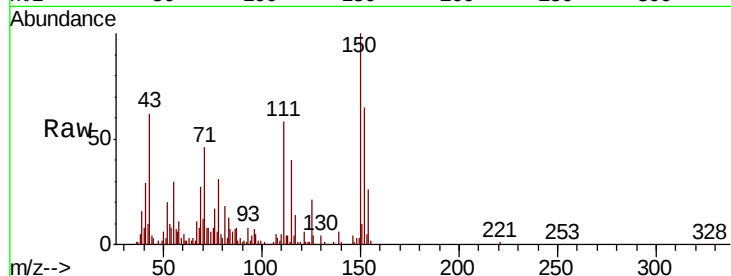


#1

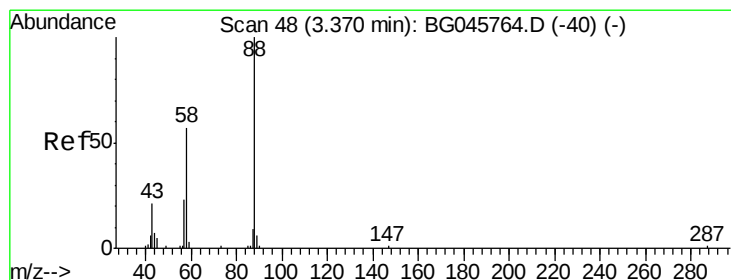
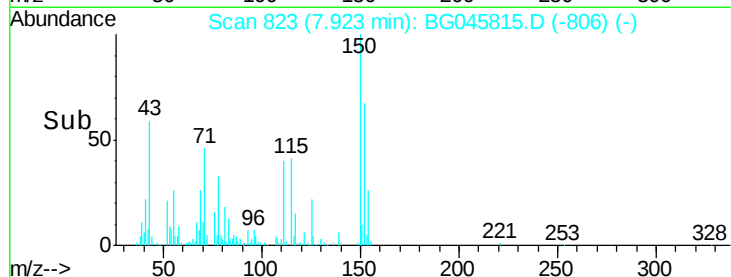
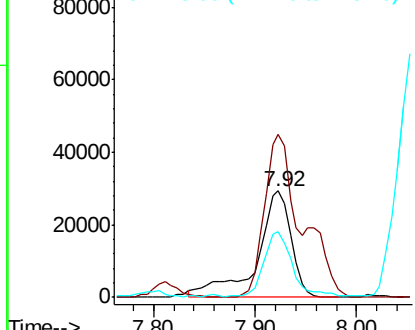
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

Tot Ion:152 Resp: 68717
Ion Ratio Lower Upper
152 100
150 153.8 113.1 169.7
115 61.3 43.8 65.6



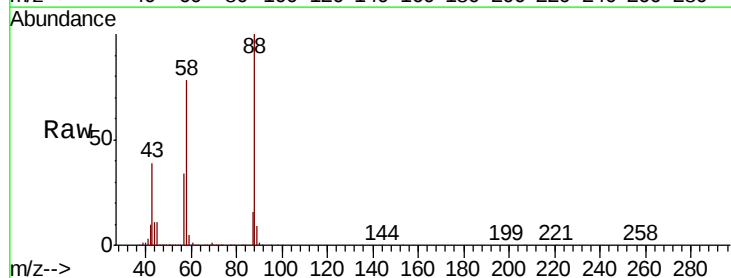
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



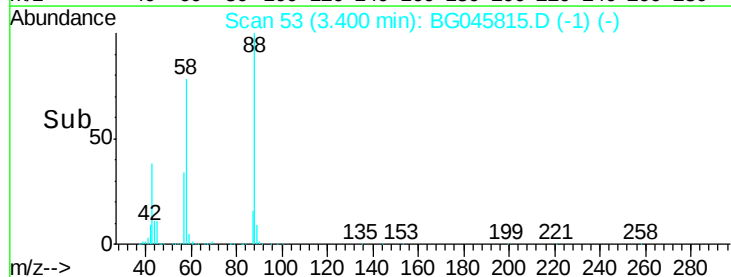
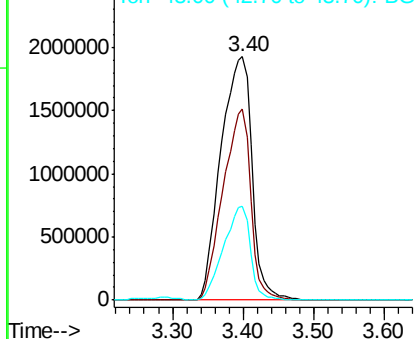
#2

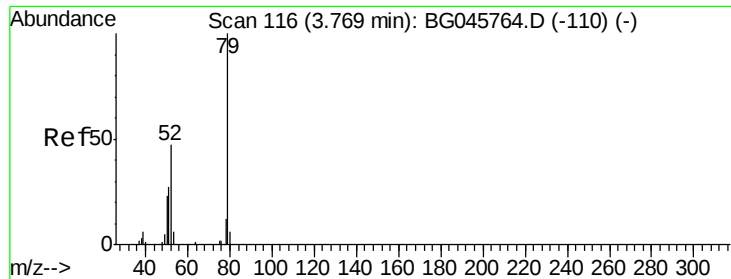
1,4-Dioxane
Concen: 3158.396 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.03 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion: 88 Resp: 5884532
Ion Ratio Lower Upper
88 100
58 70.3 46.1 69.1#
43 33.2 19.2 28.8#



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: 53.039 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.06 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

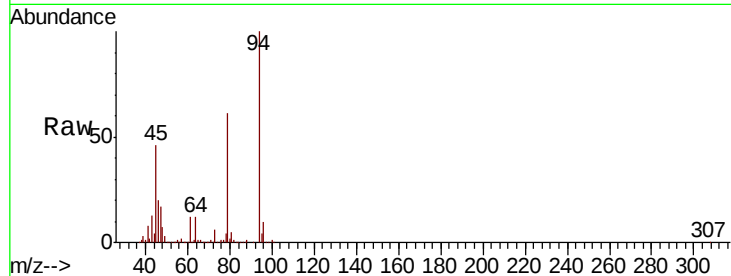
Tot Ion: 79 Resp: 292832

Ion Ratio Lower Upper

79 100

52 0.2 37.9 56.9#

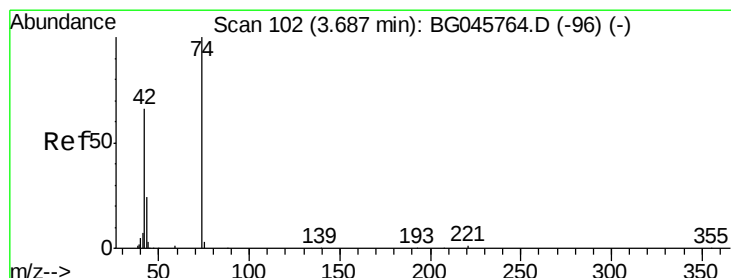
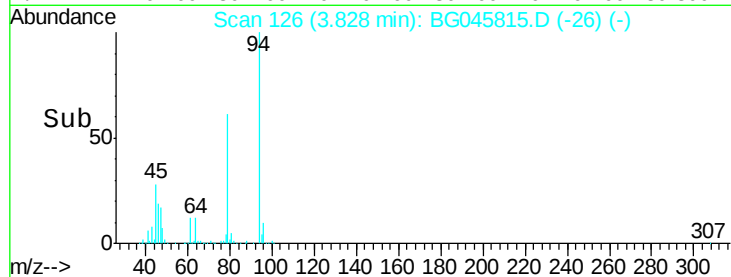
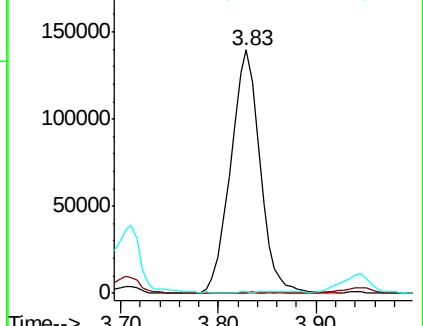
51 0.5 22.0 33.0#



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: 265.387 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.02 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

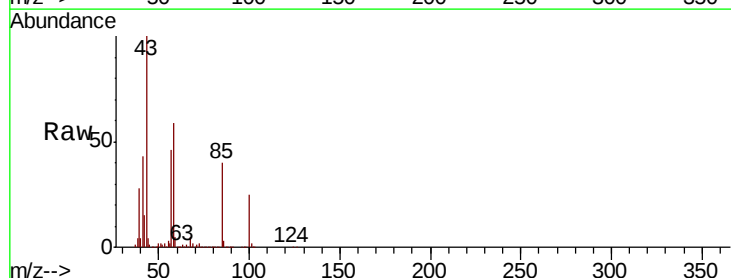
Tgt Ion: 42 Resp: 491822

Ion Ratio Lower Upper

42 100

74 0.7 121.0 181.4#

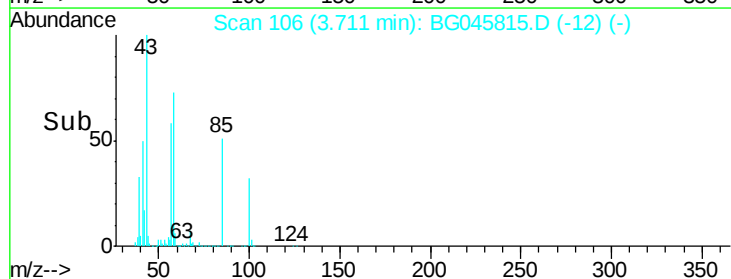
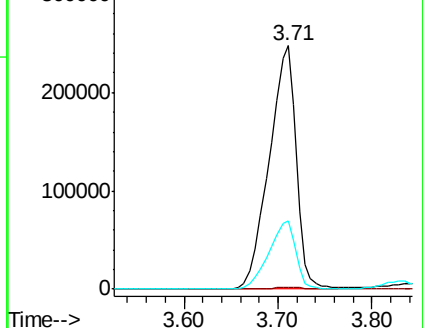
44 27.9 3.5 5.3#

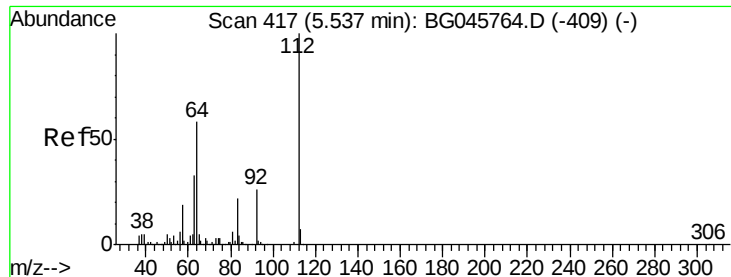


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 49.860 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.02 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

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KY032MW006-200616

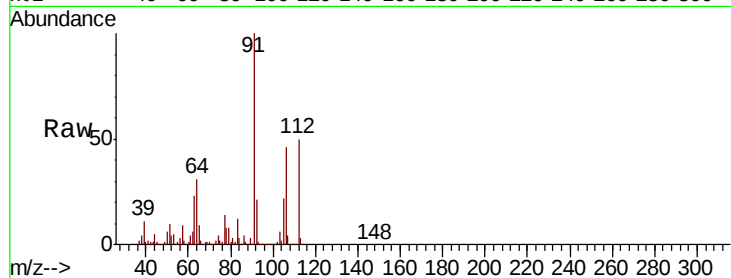
Tot Ion:112 Resp: 202826

Ion Ratio Lower Upper

112 100

64 61.5 46.6 69.8

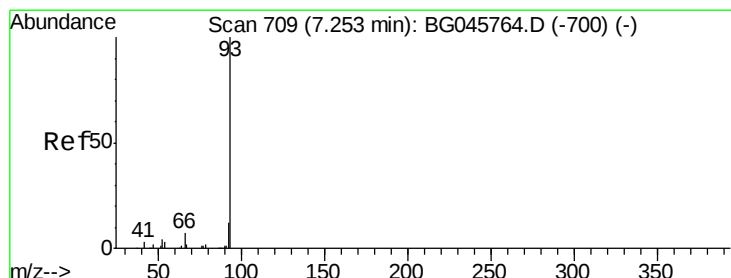
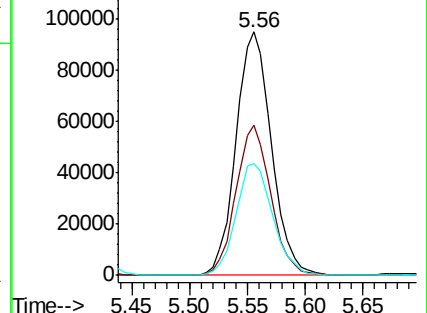
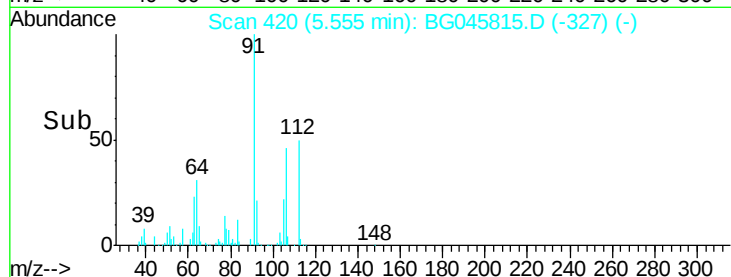
63 45.8 26.3 39.5#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 196.676 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.11 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

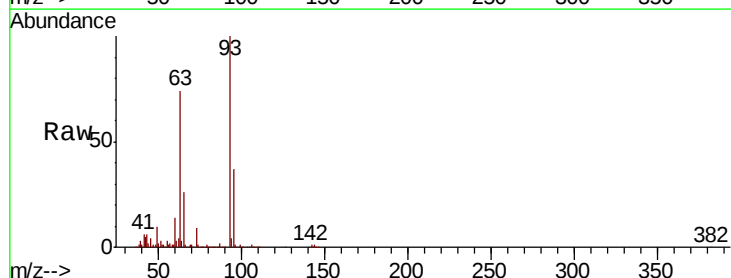
Tgt Ion: 93 Resp: 1432938

Ion Ratio Lower Upper

93 100

66 0.6 30.0 45.0#

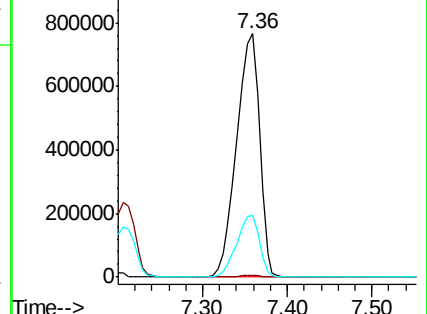
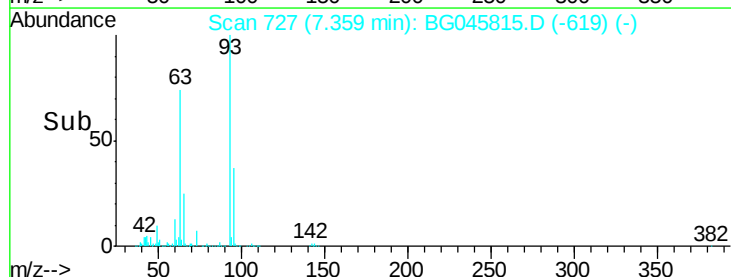
65 25.5 14.7 22.1#

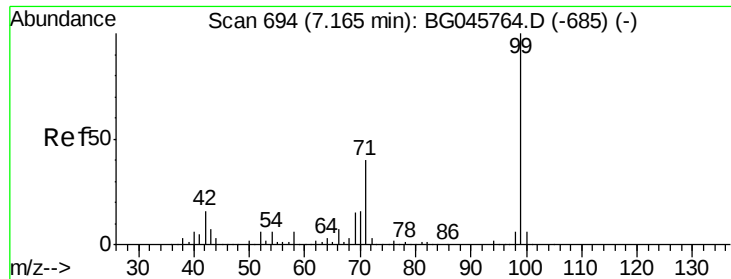


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.697 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

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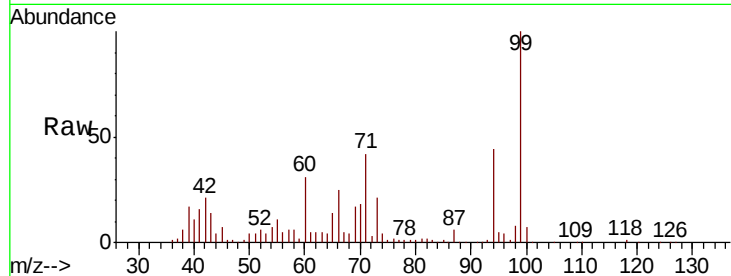
Tot Ion: 99 Resp: 189945

Ion Ratio Lower Upper

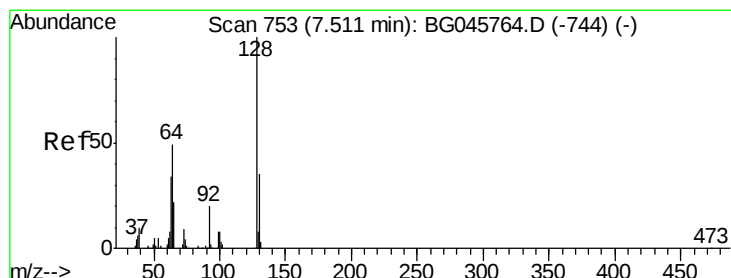
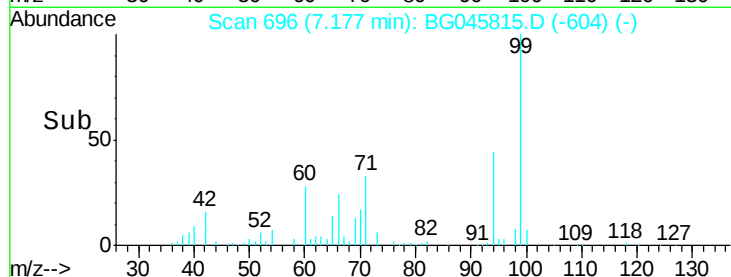
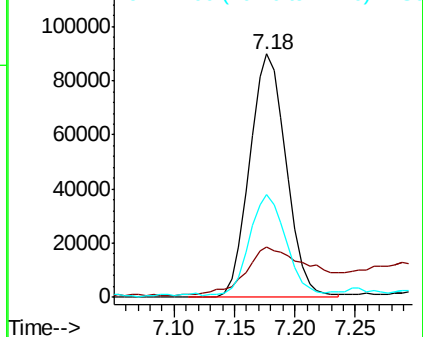
99 100

42 20.9 12.4 18.6#

71 42.0 32.1 48.1



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



#8

2-Chlorophenol

Concen: 2.609 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

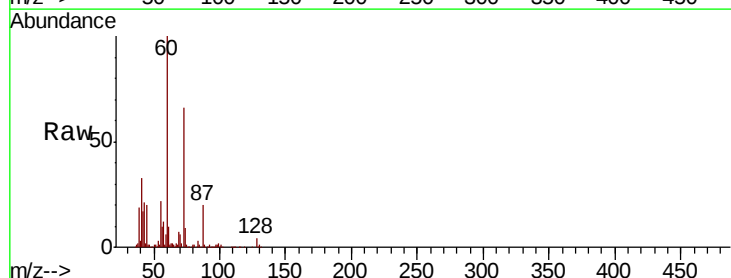
Tgt Ion:128 Resp: 11360

Ion Ratio Lower Upper

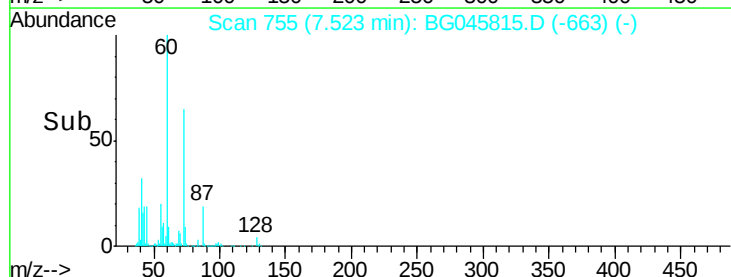
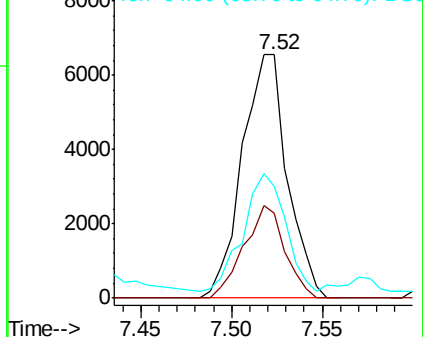
128 100

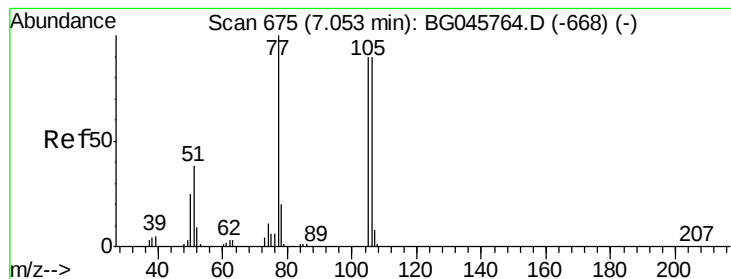
130 34.9 14.5 54.5

64 46.2 31.6 71.6



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





#9

Benzaldehyde

Concen: 2.936 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.01 min

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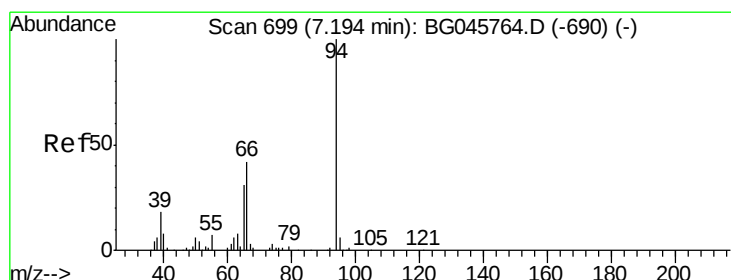
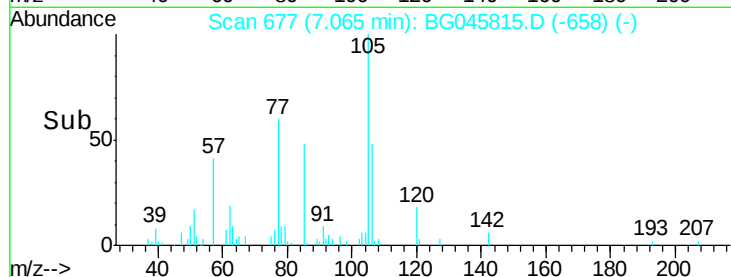
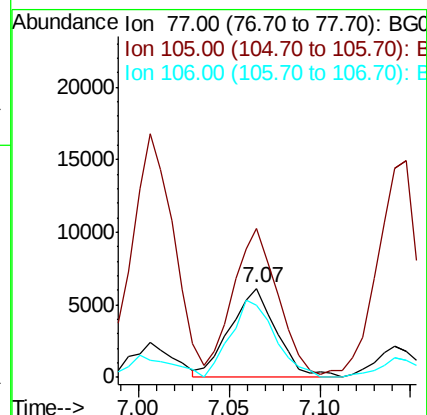
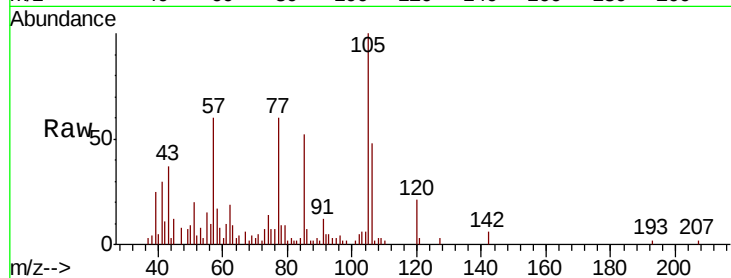
Tot Ion: 77 Resp: 10910

Ion Ratio Lower Upper

77 100

105 166.7 70.4 110.4#

106 80.3 70.2 110.2



#10

Phenol

Concen: 160.159 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

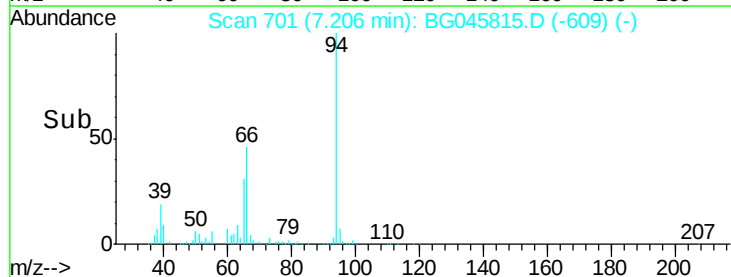
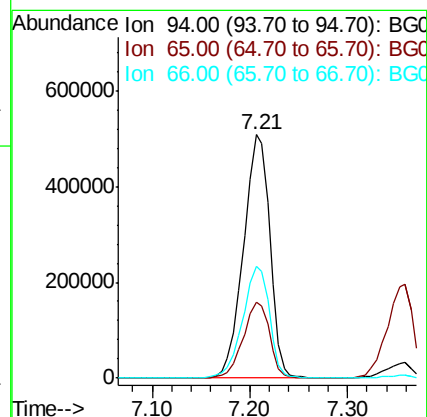
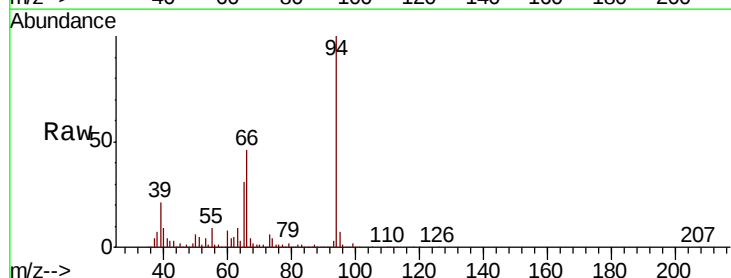
Tgt Ion: 94 Resp: 960228

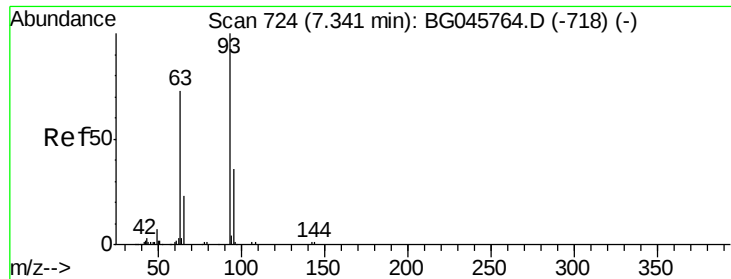
Ion Ratio Lower Upper

94 100

65 31.0 10.7 50.7

66 46.2 22.5 62.5





#11

bis(2-Chloroethyl)ether

Concen: 314.662 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

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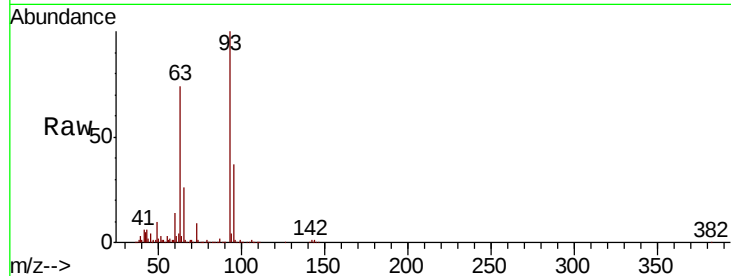
Tot Ion: 93 Resp: 1432938

Ion Ratio Lower Upper

93 100

63 73.7 52.0 92.0

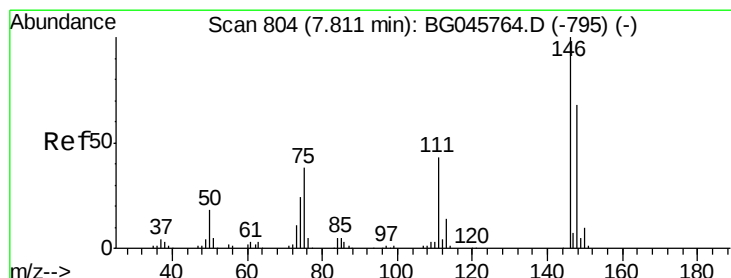
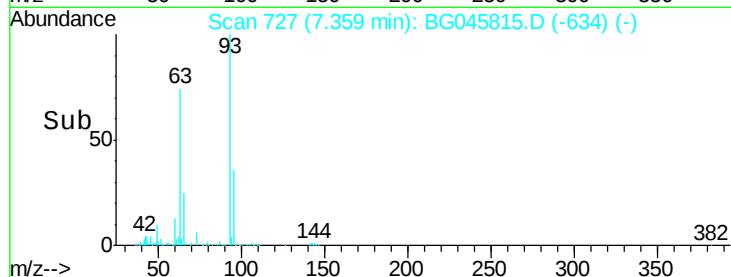
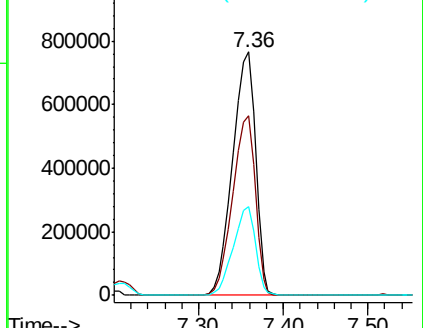
95 36.6 15.6 55.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 12.634 ng

RT: 7.81 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

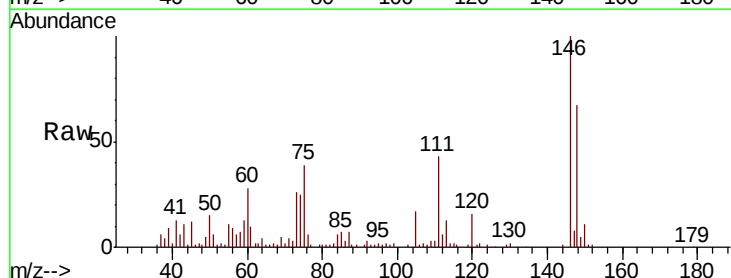
Tgt Ion:146 Resp: 65559

Ion Ratio Lower Upper

146 100

148 66.5 54.2 81.4

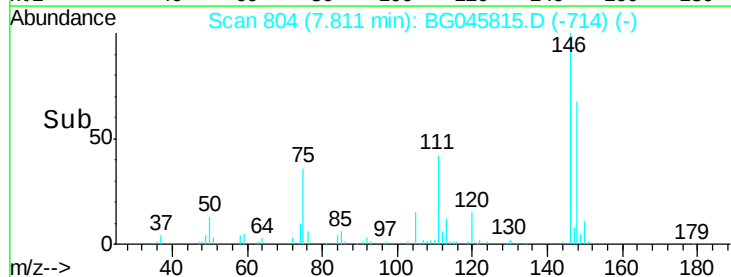
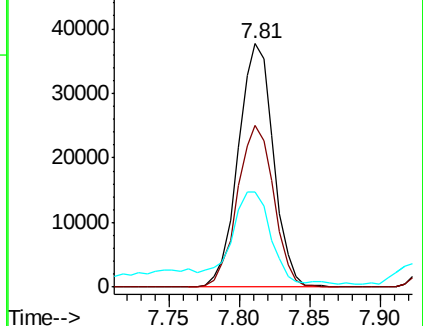
75 39.2 30.1 45.1

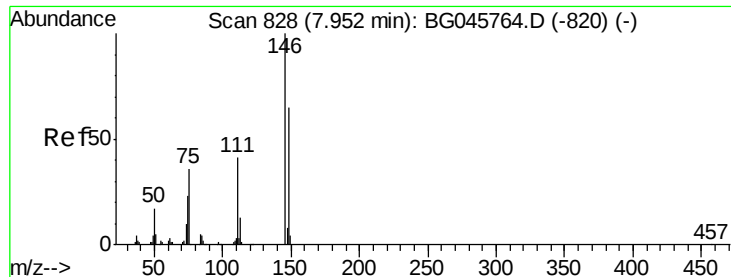


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 59.287 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

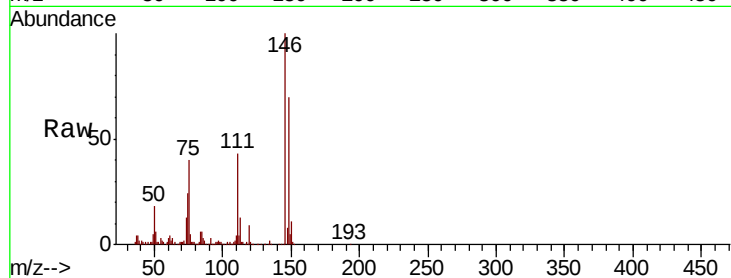
Tot Ion:146 Resp: 307285

Ion Ratio Lower Upper

146 100

148 69.8 51.8 77.6

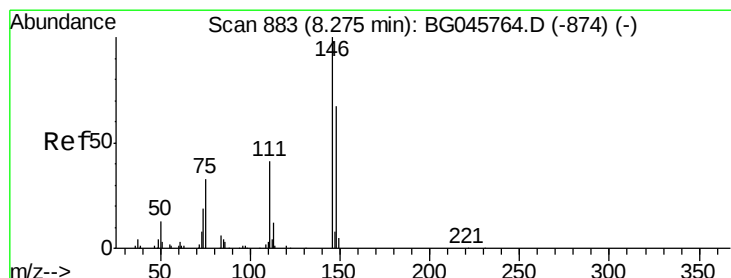
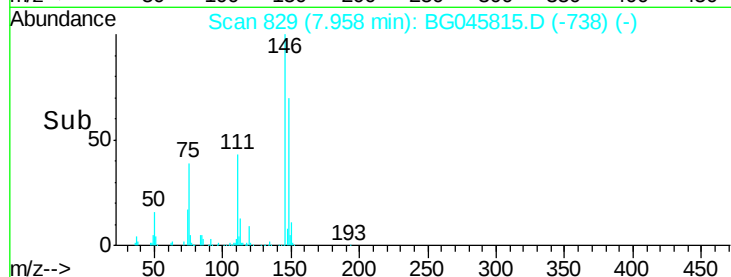
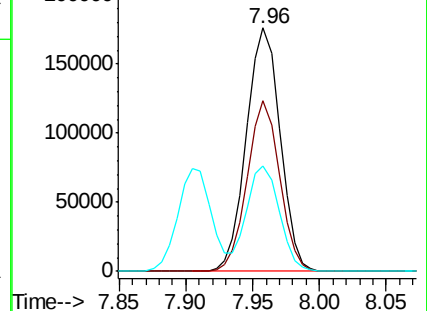
111 43.2 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 267.965 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

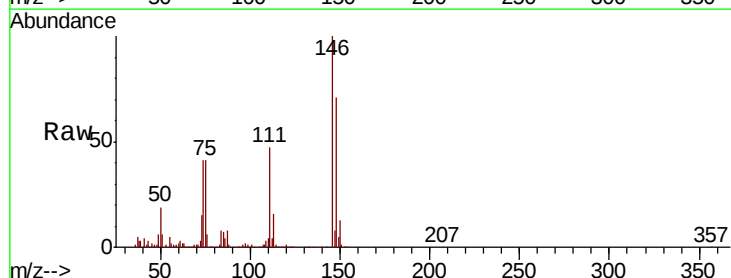
Tgt Ion:146 Resp: 1329626

Ion Ratio Lower Upper

146 100

148 70.6 54.1 81.1

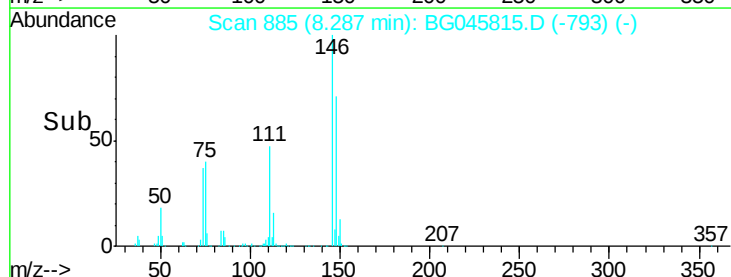
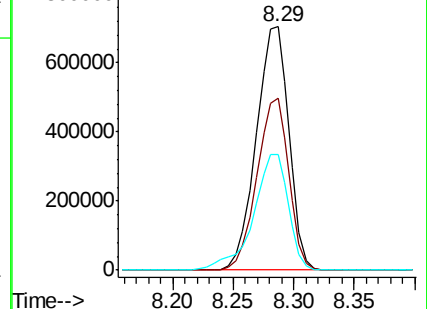
111 47.4 32.9 49.3

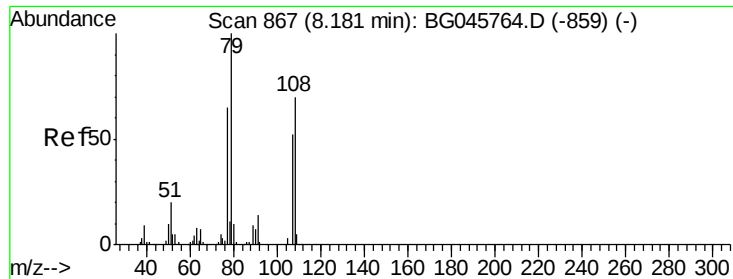


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 5.096 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.07 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

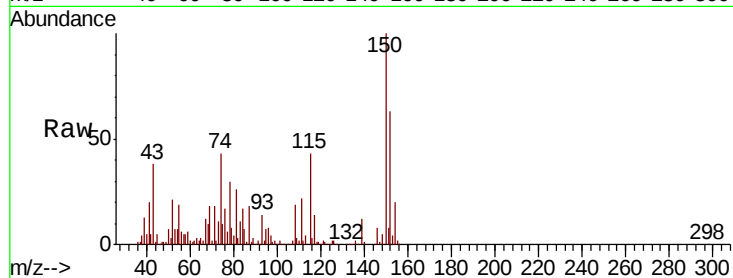
Tot Ion: 79 Resp: 24400

Ion Ratio Lower Upper

79 100

108 230.4 56.2 84.4#

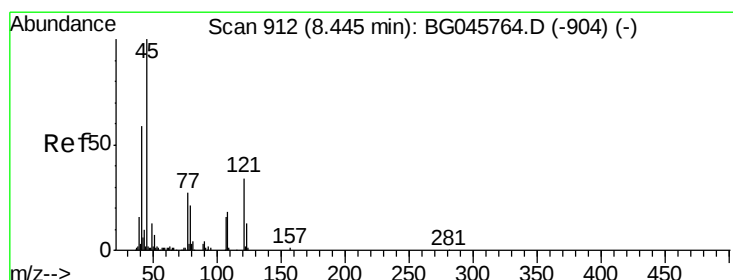
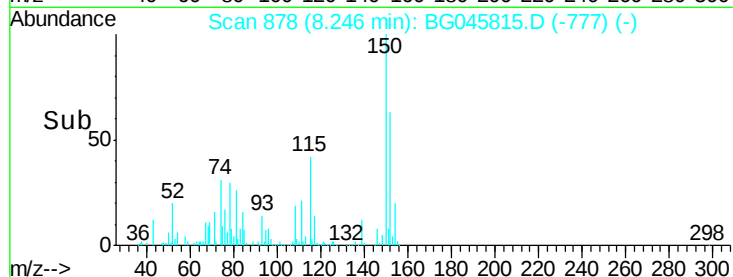
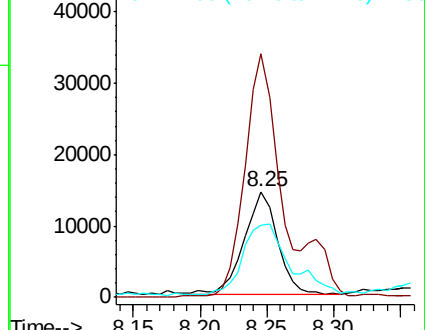
77 68.5 52.2 78.2



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: 8.458 ng

RT: 8.51 min Scan# 923

Delta R.T. 0.07 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

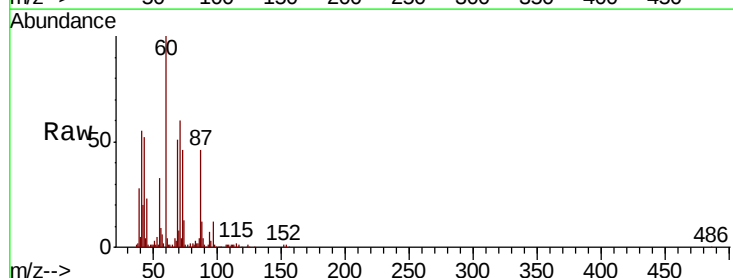
Tgt Ion: 45 Resp: 36300

Ion Ratio Lower Upper

45 100

77 4.2 14.9 54.9#

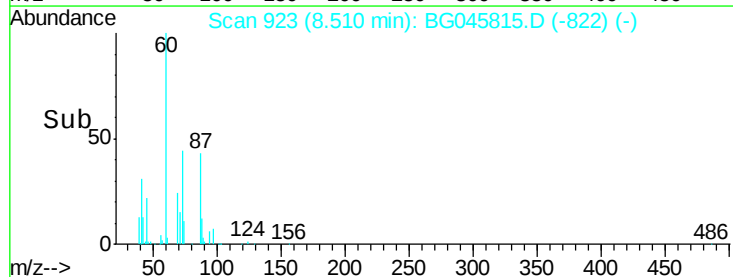
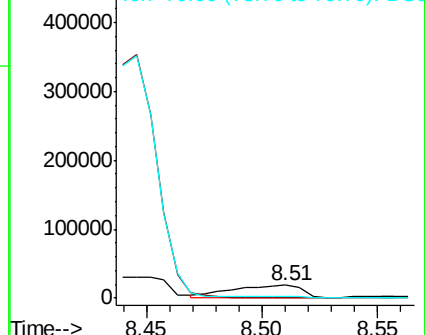
79 10.8 9.2 49.2

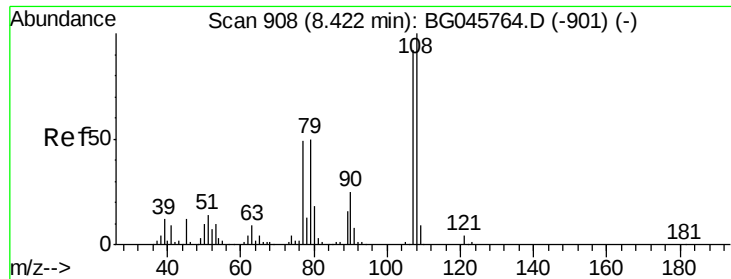


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

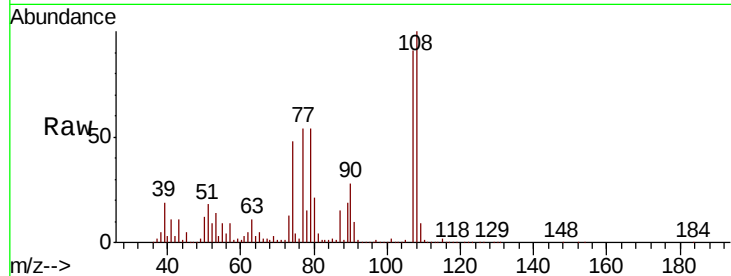




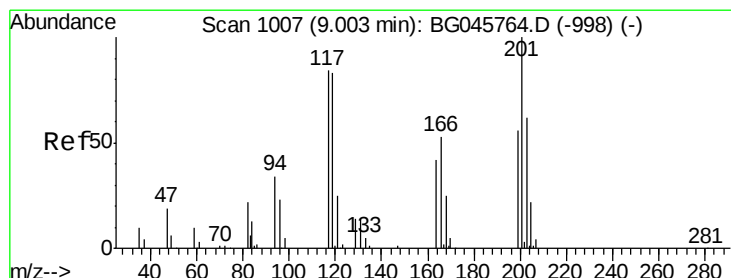
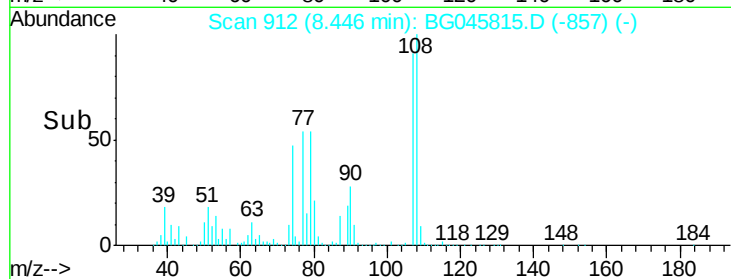
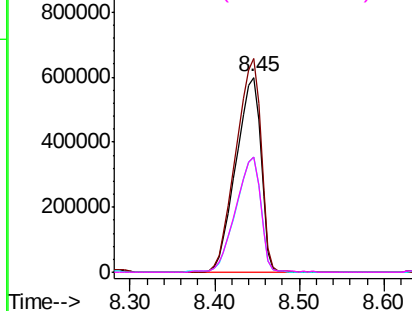
#17
2-Methylphenol
Concen: 273.695 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.02 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

Tot Ion:107 Resp: 1221186
Ion Ratio Lower Upper
107 100
108 109.6 87.4 131.0
77 59.0 42.5 63.7
79 58.8 44.0 66.0

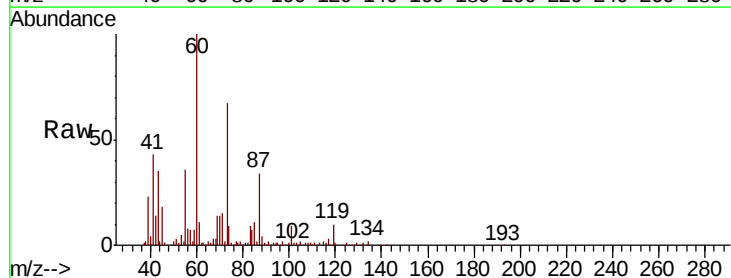


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

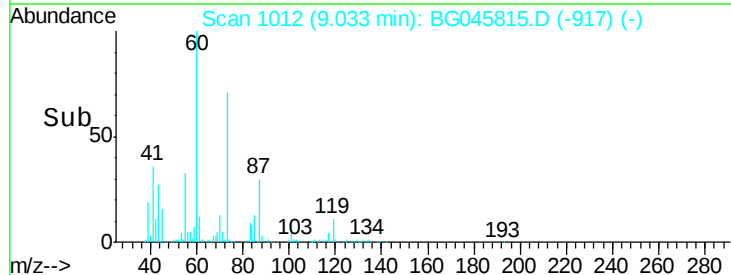
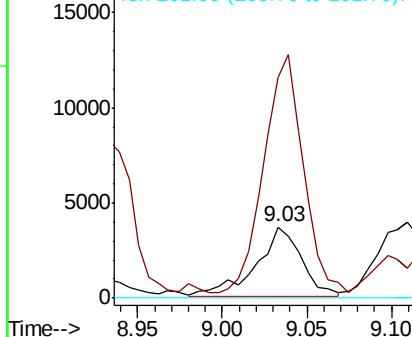


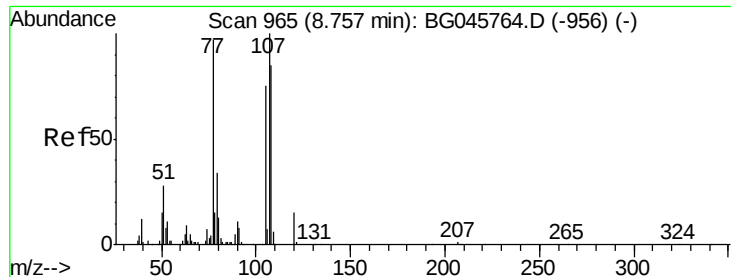
#18
Hexachloroethane
Concen: 3.497 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.03 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion:117 Resp: 6884
Ion Ratio Lower Upper
117 100
119 311.3 78.9 118.3#
201 0.0 95.5 143.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 1206.977 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.08 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

Tot Ion:107 Resp: 7082559

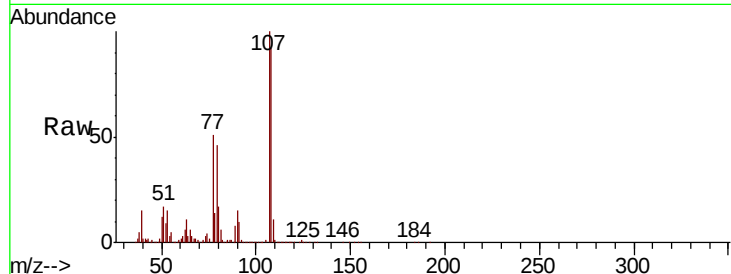
Ion Ratio Lower Upper

107 100

108 92.3 65.4 105.4

77 50.6 77.2 117.2#

79 46.3 14.2 54.2

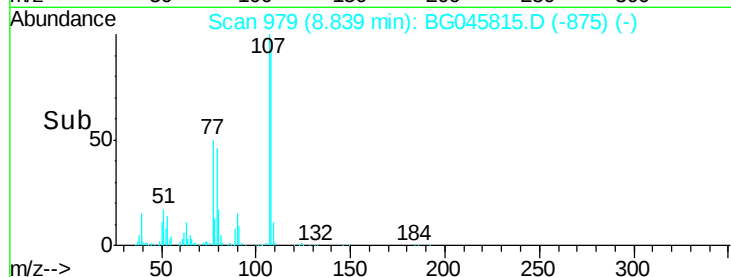


Abundance Ion 107.00 (106.70 to 107.70): E

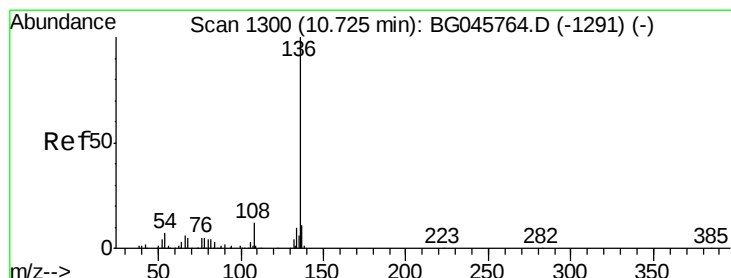
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Tgt Ion:136 Resp: 210053

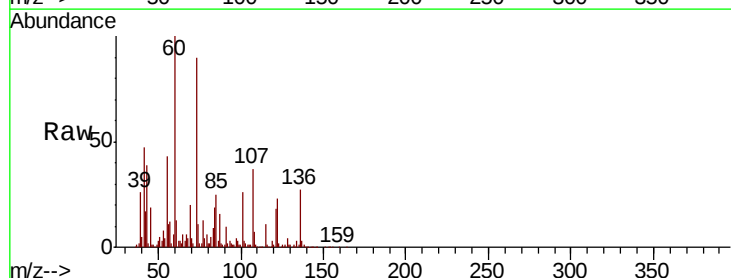
Ion Ratio Lower Upper

136 100

137 12.4 8.7 13.1

54 16.9 5.8 8.6#

68 13.5 4.0 6.0#

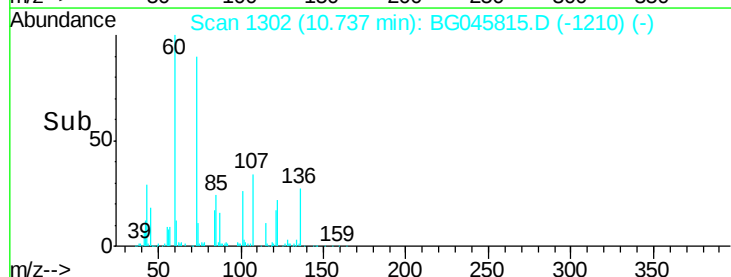


Abundance Ion 136.00 (135.70 to 136.70): E

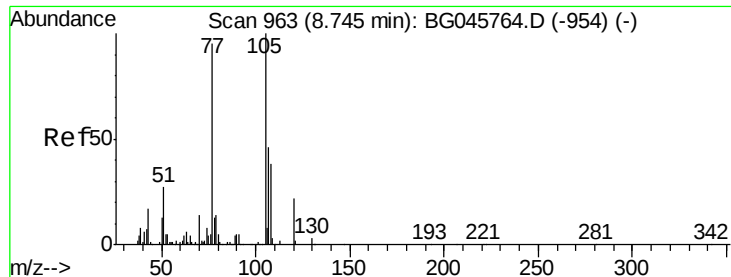
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->



#22

Acetophenone

Concen: 32.867 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

Tot Ion:105 Resp: 189486

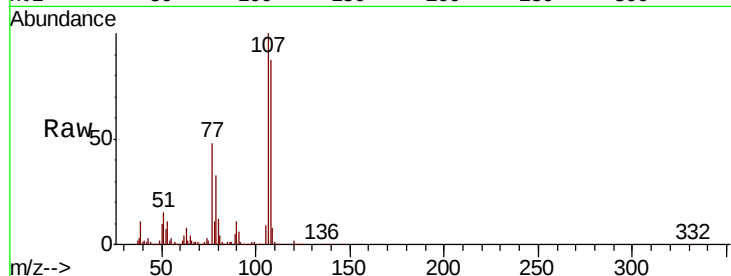
Ion Ratio Lower Upper

105 100

71 4.5 1.8 2.8#

51 160.9 21.9 32.9#

120 17.2 17.3 25.9#

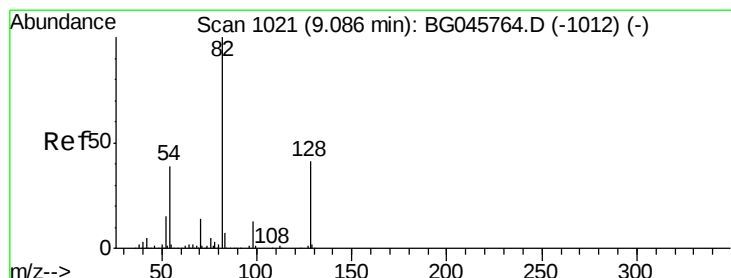
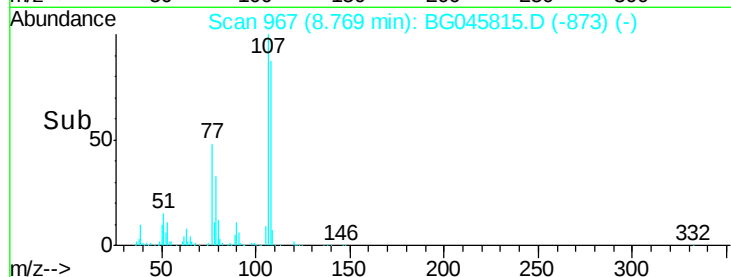
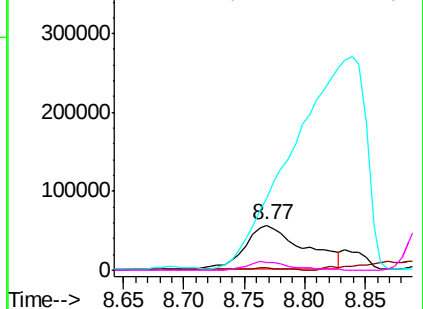


Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.672 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

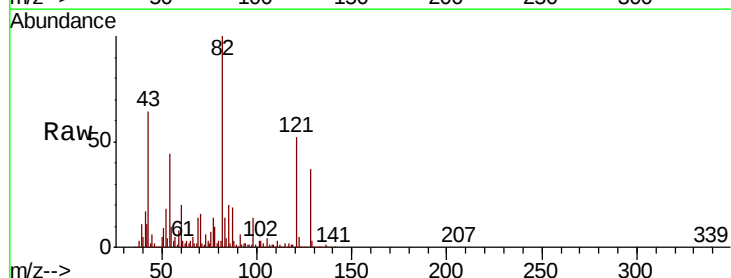
Tgt Ion: 82 Resp: 435304

Ion Ratio Lower Upper

82 100

128 37.3 32.5 48.7

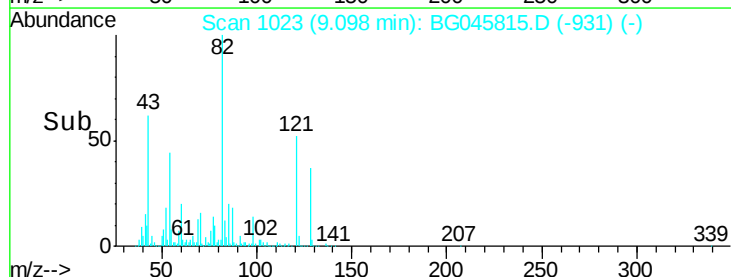
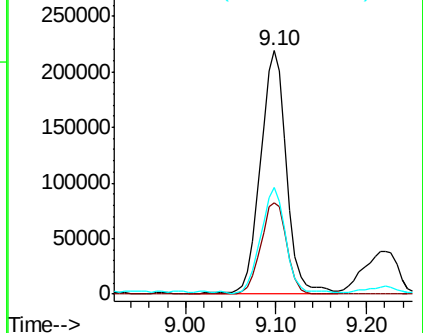
54 43.9 31.2 46.8

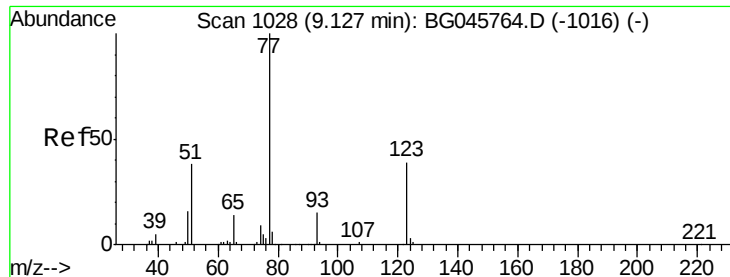


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

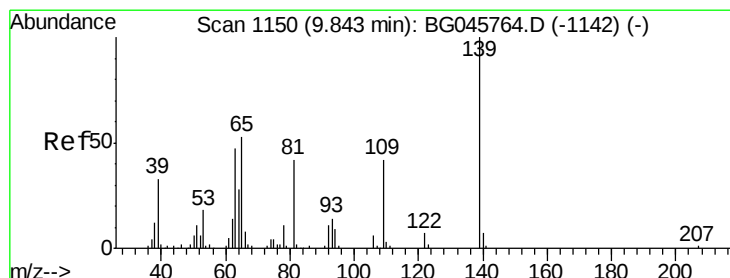
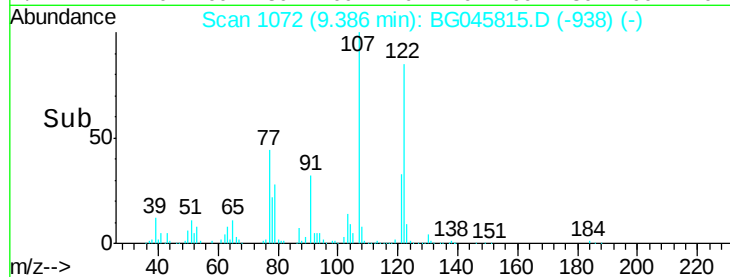
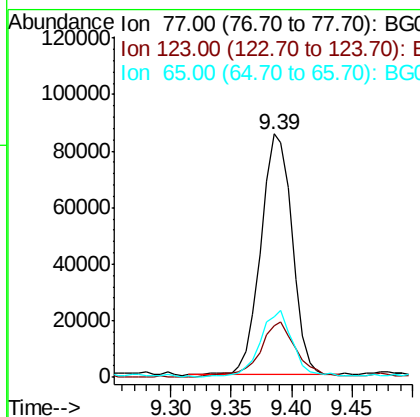
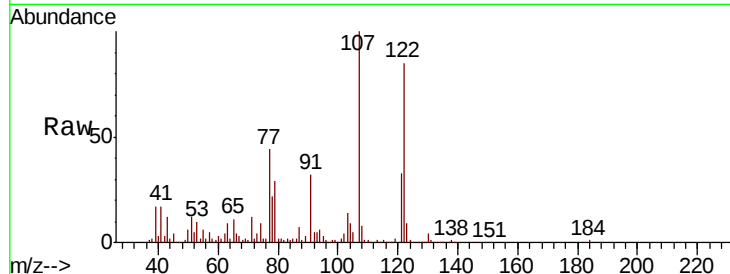




#24
Nitrobenzene
Concen: 31.208 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.26 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

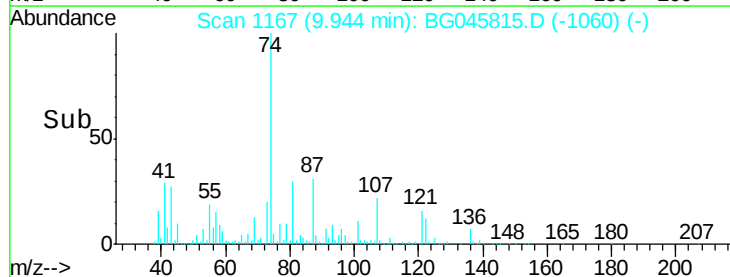
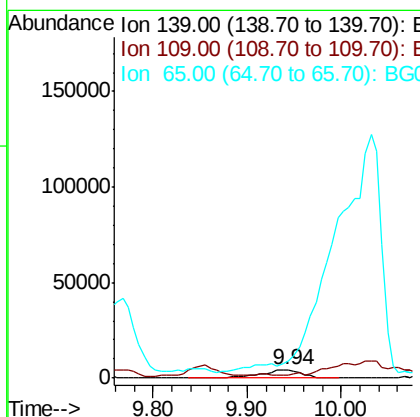
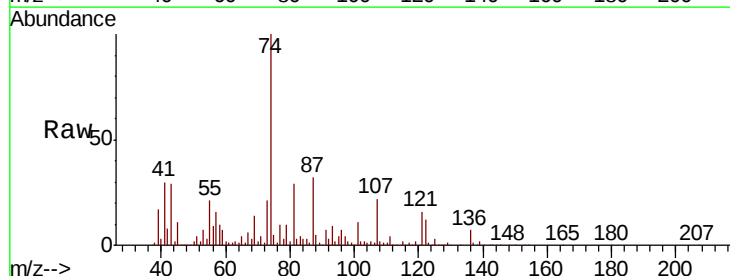
Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

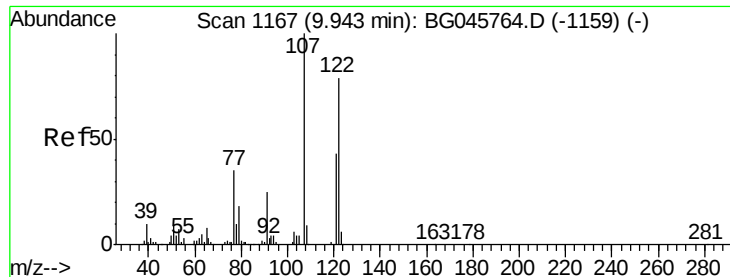
Tot Ion	Ratio	Lower	Upper
77	100		
123	21.1	31.2	46.8#
65	24.8	11.4	17.2#



#26
2-Nitrophenol
Concen: 6.670 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.10 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	33.5	50.3#
65	191.9	42.2	63.4#

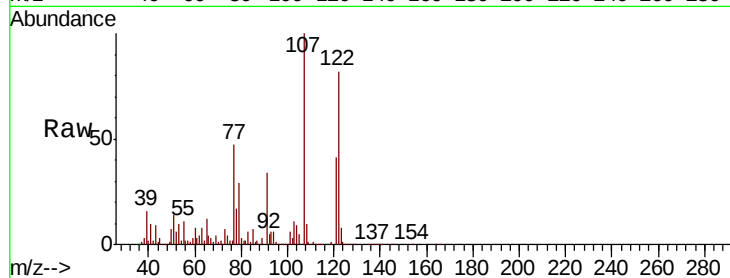




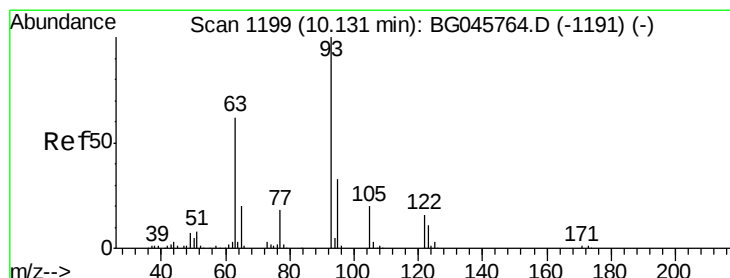
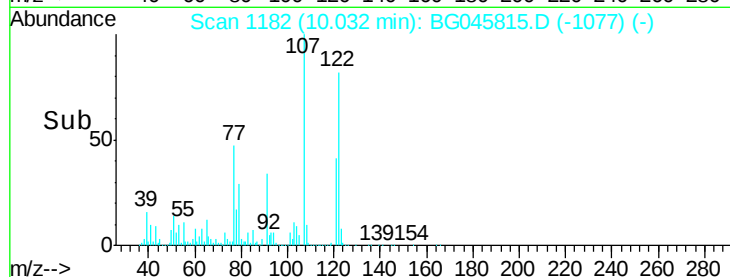
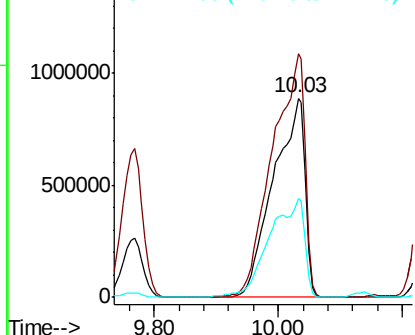
#27
 2,4-Dimethylphenol
 Concen: 1007.579 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.09 min
 Lab File: BG045815.D
 Acq: 19 Jun 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616

Tot Ion:122 Resp: 3141992
 Ion Ratio Lower Upper
 122 100
 107 122.3 101.3 151.9
 121 49.6 43.9 65.9

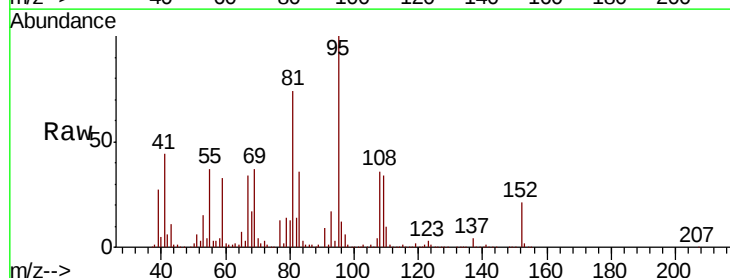


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

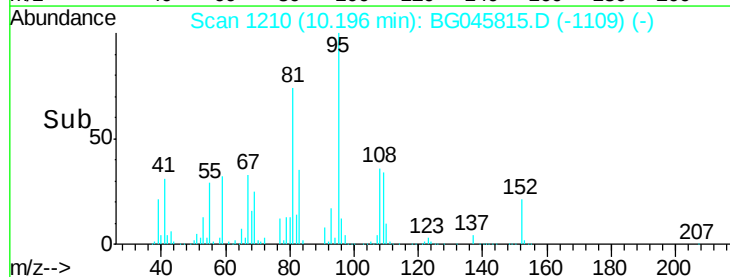
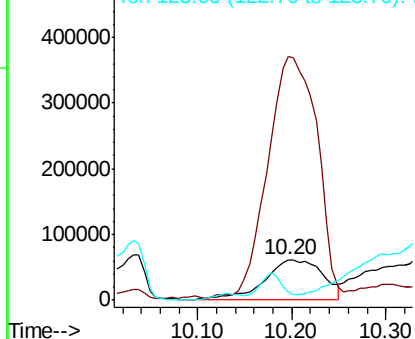


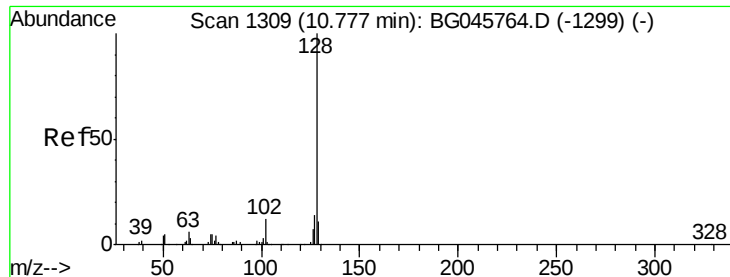
#28
 bis(2-Chloroethoxy)methane
 Concen: 55.284 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. 0.07 min
 Lab File: BG045815.D
 Acq: 19 Jun 2020 14:45

Tgt Ion: 93 Resp: 257050
 Ion Ratio Lower Upper
 93 100
 95 598.8 26.3 39.5#
 123 19.6 9.3 13.9#



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

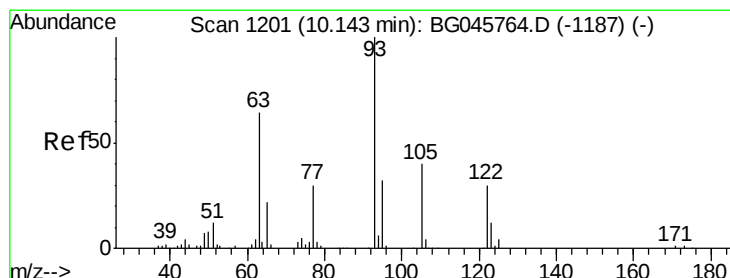
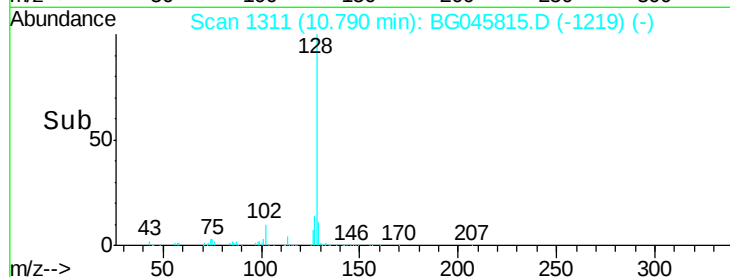
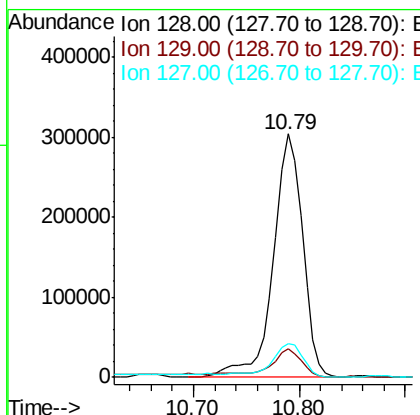
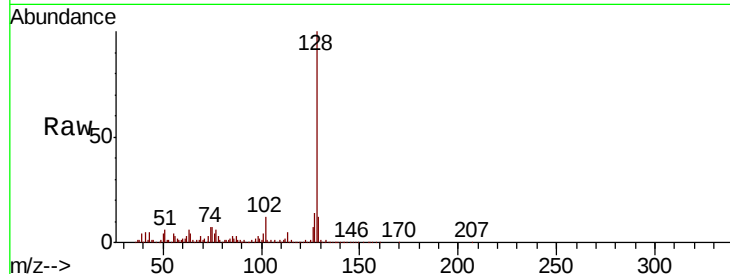




#31
Naphthalene
Concen: 50.581 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

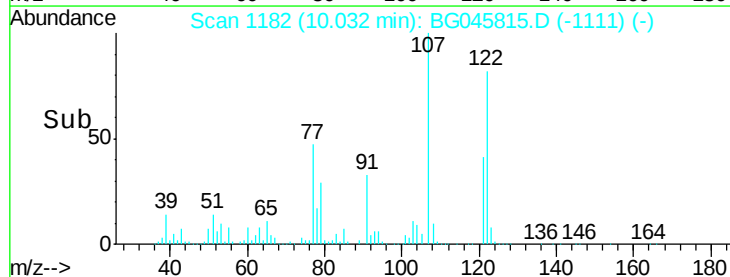
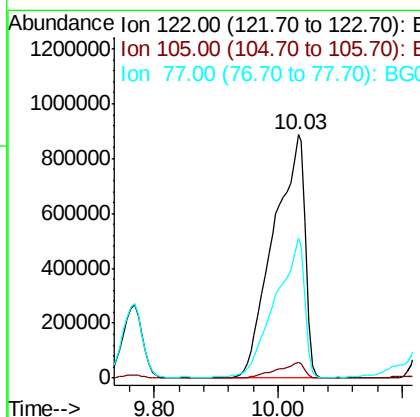
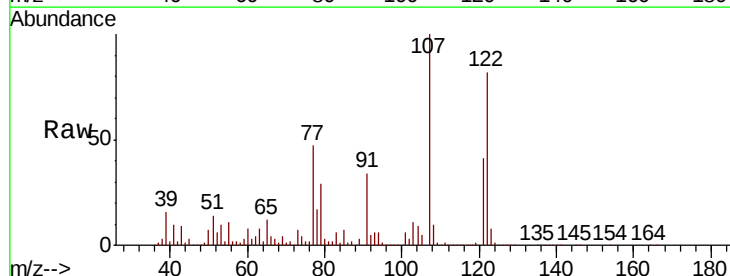
Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

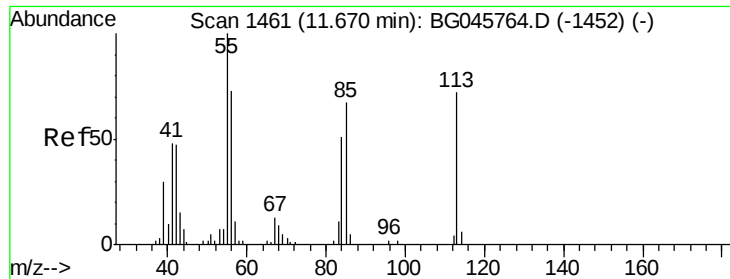
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	14.0	10.9	16.3



#32
Benzoic acid
Concen: 1272.004 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.11 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	6.3	112.9	152.9#
77	57.4	79.2	119.2#





#35

Caprolactam

Concen: 26.275 ng

RT: 11.78 min Scan# 1479

Delta R.T. 0.11 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

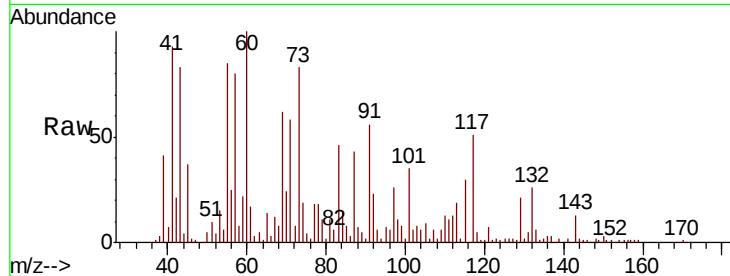
Tot Ion:113 Resp: 30934

Ion Ratio Lower Upper

113 100

55 451.8 119.7 159.7#

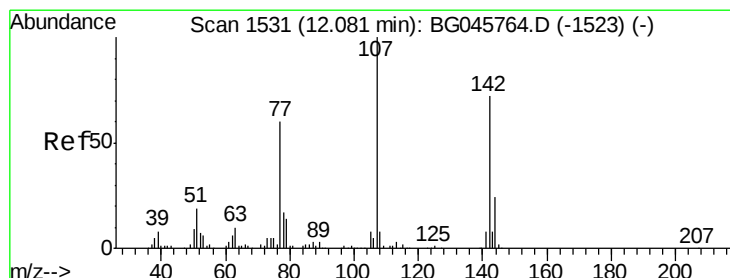
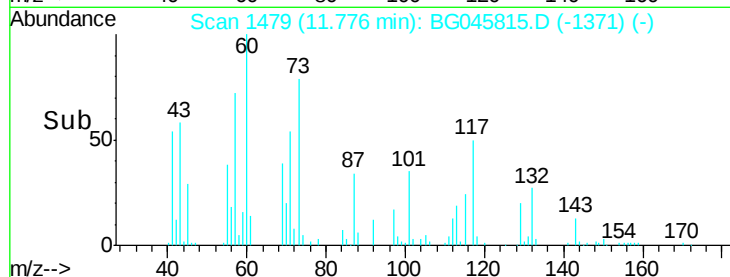
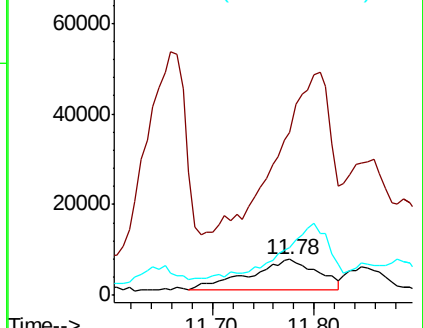
56 131.6 82.5 122.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.245 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.02 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

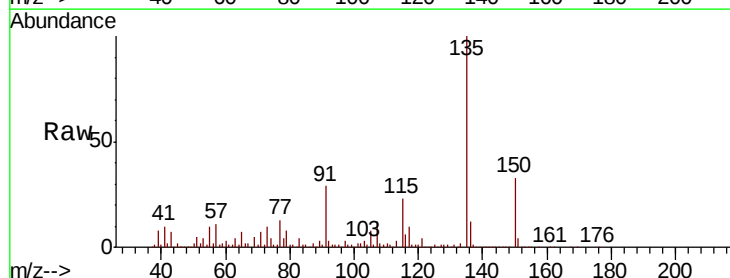
Tgt Ion:107 Resp: 169058

Ion Ratio Lower Upper

107 100

144 0.3 19.5 29.3#

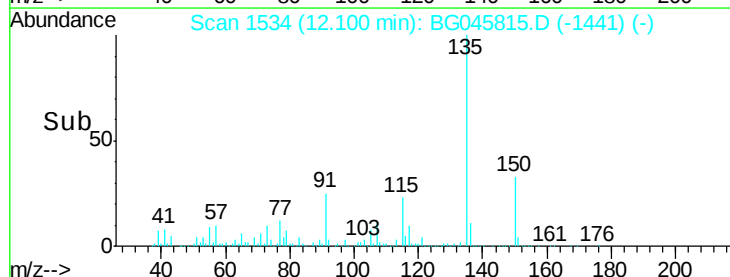
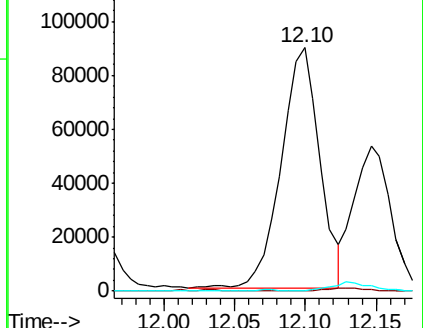
142 0.2 57.4 86.0#

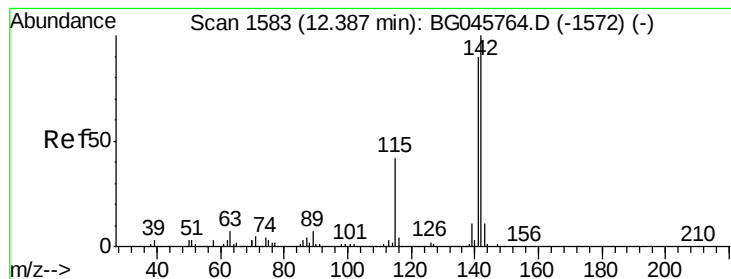


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.111 ng

RT: 12.40 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

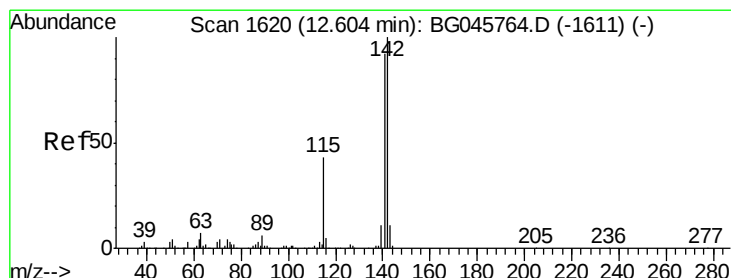
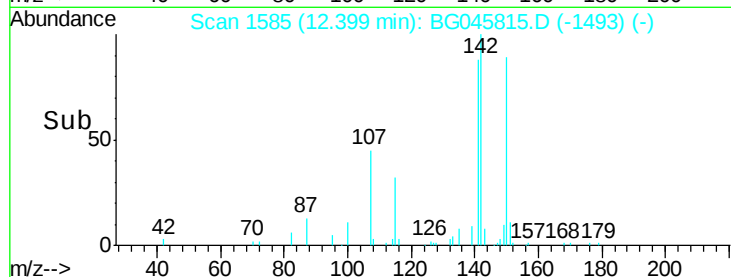
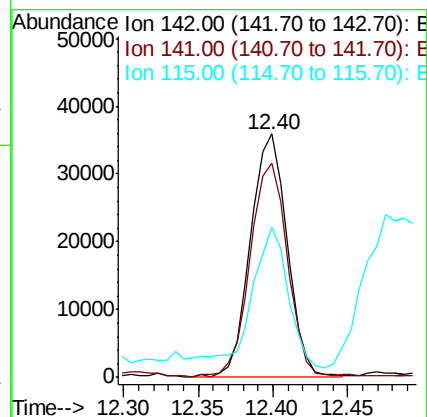
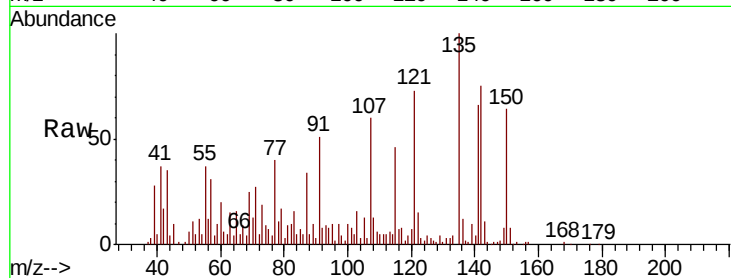
Tot Ion:142 Resp: 60806

Ion Ratio Lower Upper

142 100

141 88.0 71.7 107.5

115 61.9 33.8 50.6#



#38

1-Methylnaphthalene

Concen: 4.375 ng

RT: 12.62 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

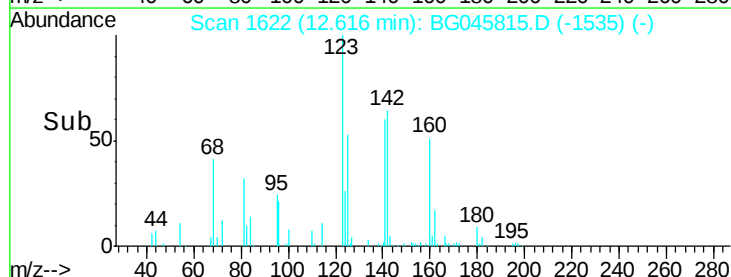
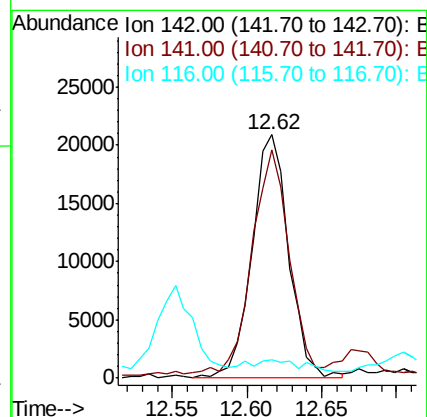
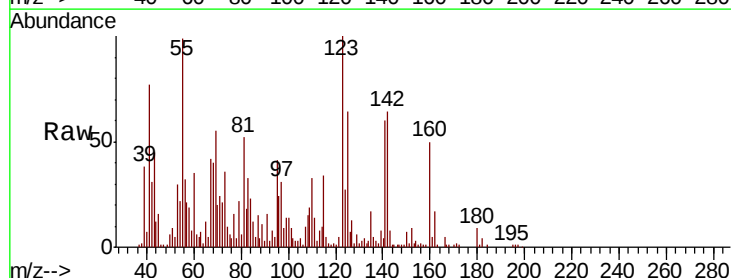
Tgt Ion:142 Resp: 35402

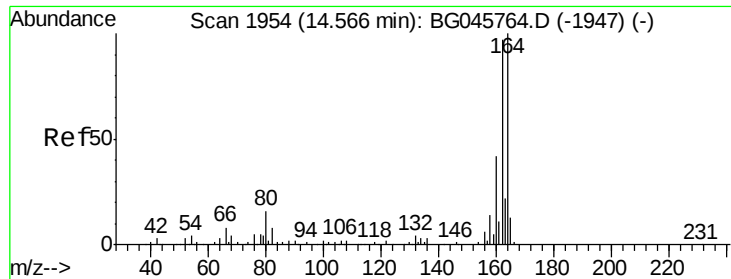
Ion Ratio Lower Upper

142 100

141 93.6 73.8 110.8

116 7.3 3.8 5.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

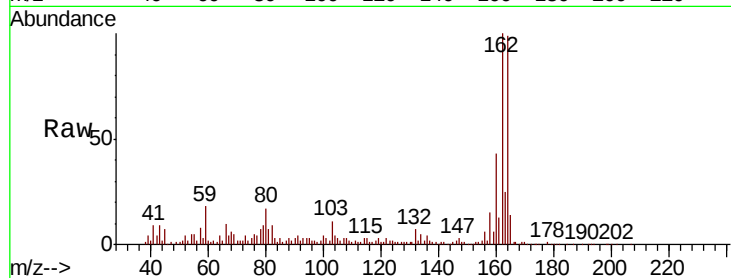
Tot Ion:164 Resp: 133381

Ion Ratio Lower Upper

164 100

162 100.7 77.4 116.0

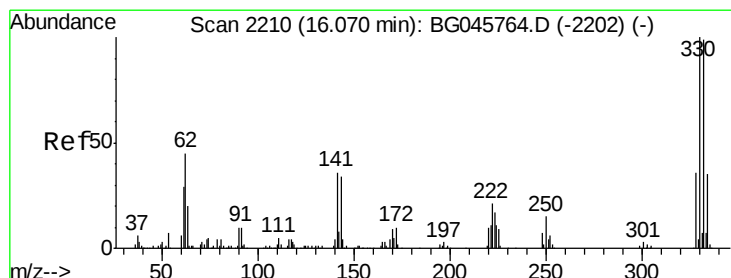
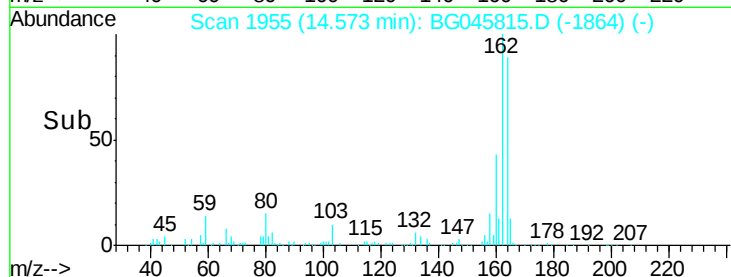
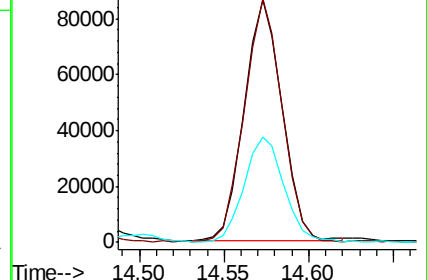
160 43.6 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 142.739 ng

RT: 16.08 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

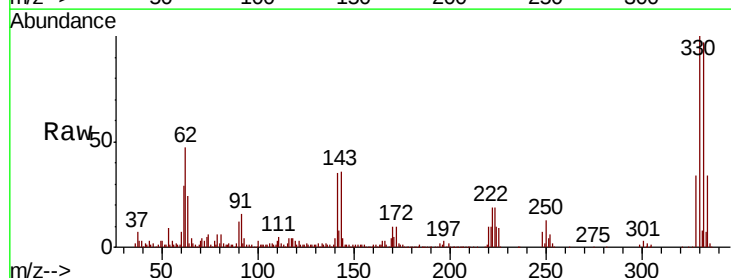
Tgt Ion:330 Resp: 287435

Ion Ratio Lower Upper

330 100

332 97.3 78.6 117.8

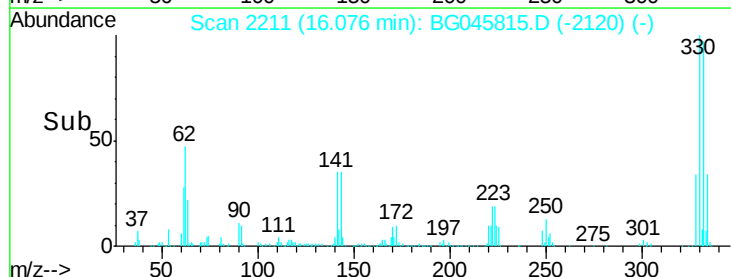
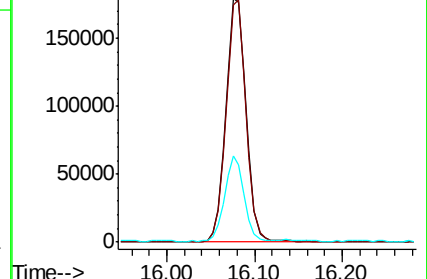
141 33.6 28.2 42.4

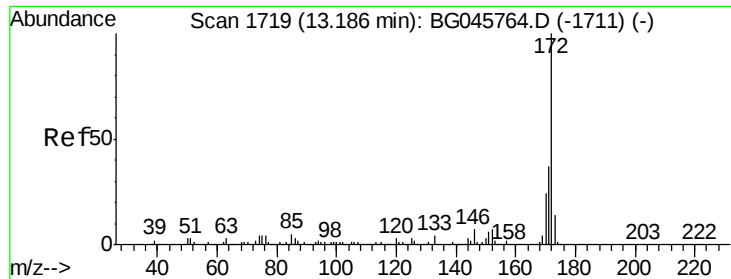


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

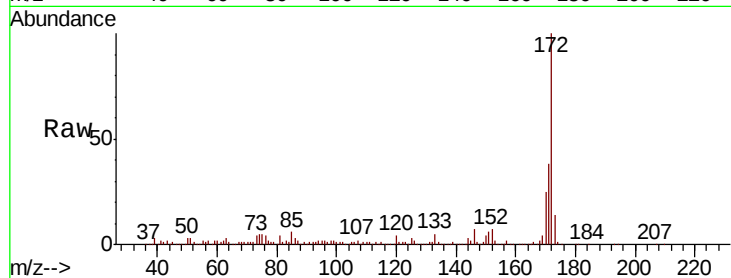




#45
2-Fluorobiphenyl
Concen: 97.709 ng
RT: 13.20 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.7	19.3	28.9

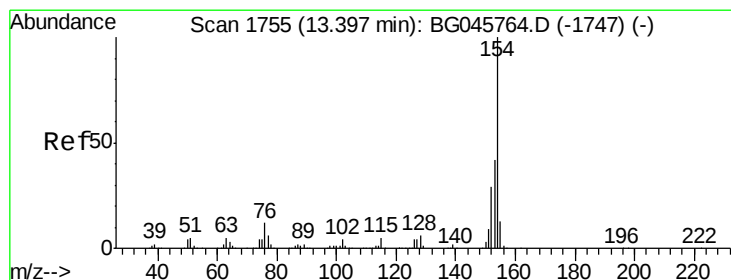
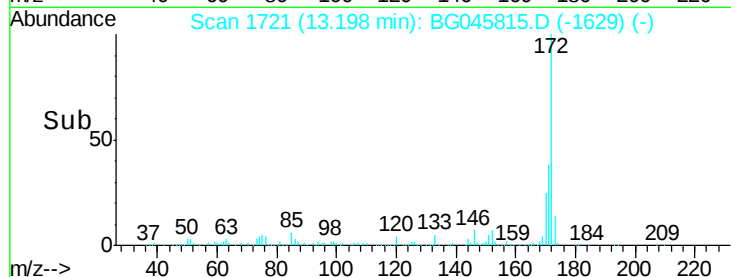
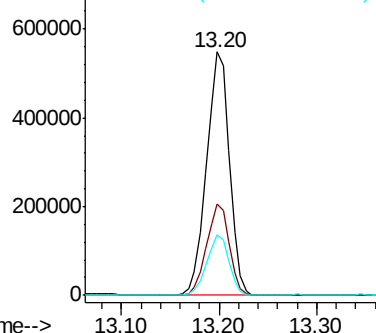


Abundance

Ion 172.00 (171.70 to 172.70): E

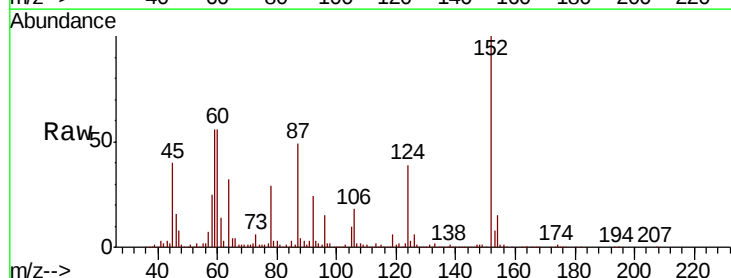
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 8.472 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.03 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	51.6	21.7	61.7
76	4.3	0.0	32.0

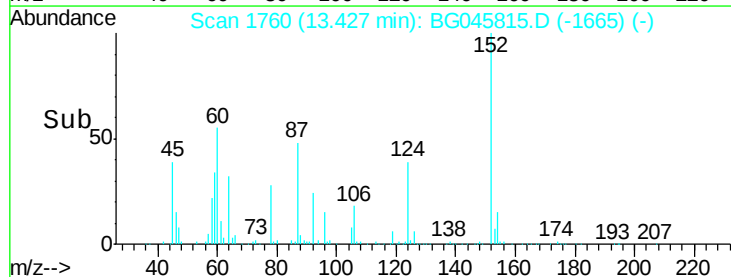
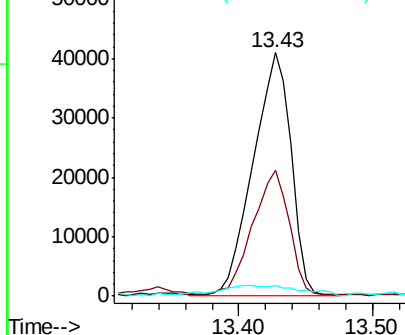


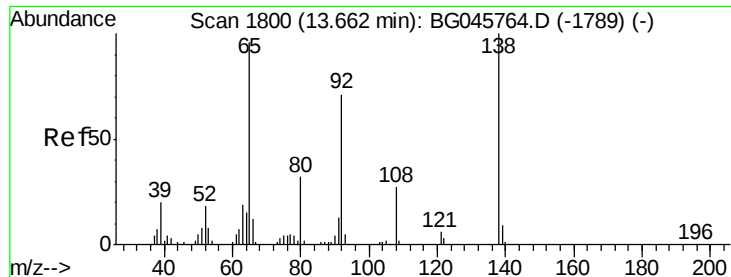
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#48

2-Nitroaniline

Concen: 86.568 ng

RT: 13.88 min Scan# 1837

Delta R.T. 0.22 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

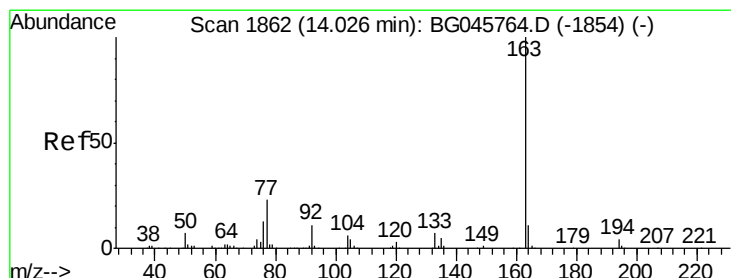
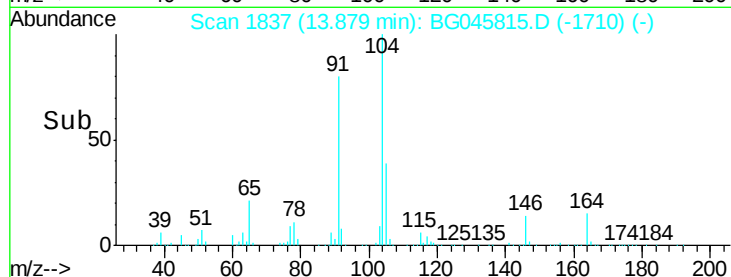
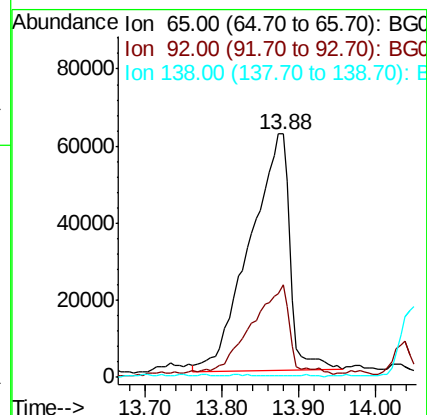
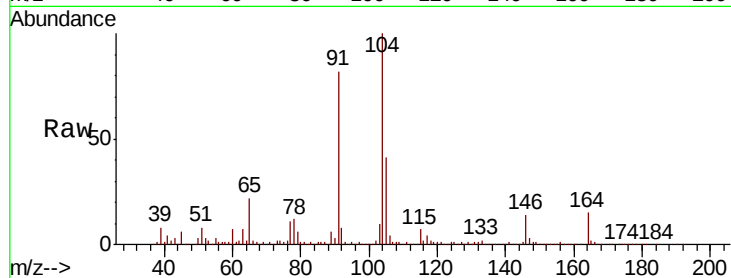
Tot Ion: 65 Resp: 222123

Ion Ratio Lower Upper

65 100

92 38.1 59.0 88.6#

138 0.5 83.6 125.4#



#50

Dimethylphthalate

Concen: 10.293 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

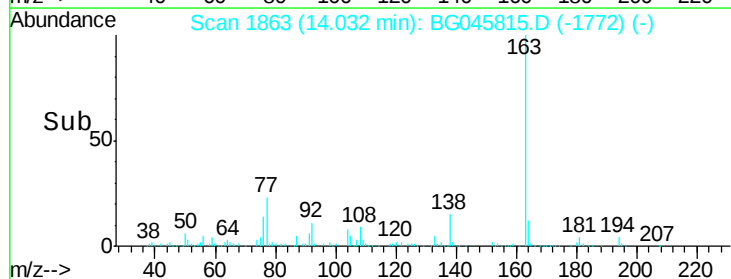
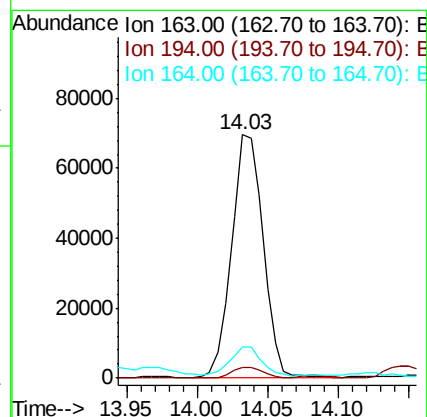
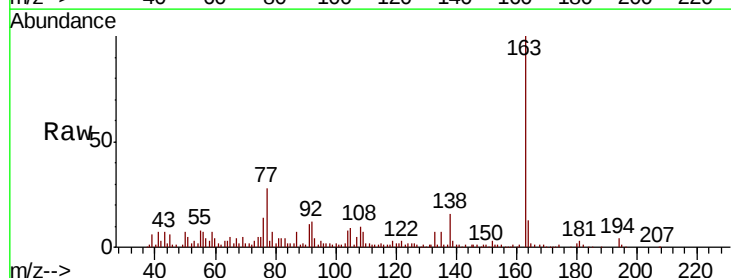
Tgt Ion: 163 Resp: 107551

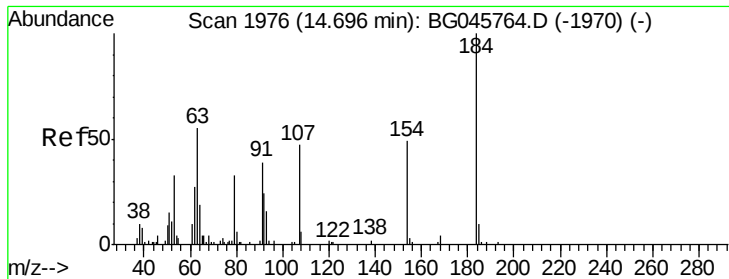
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 12.7 8.9 13.3





#54

2,4-Dinitrophenol

Concen: 9.918 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

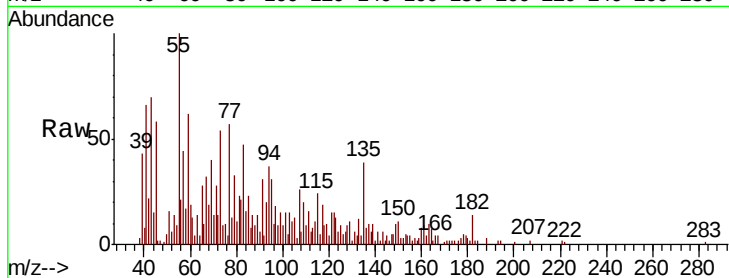
Tot Ion:184 Resp: 138

Ion Ratio Lower Upper

184 100

63 769.3 46.6 70.0#

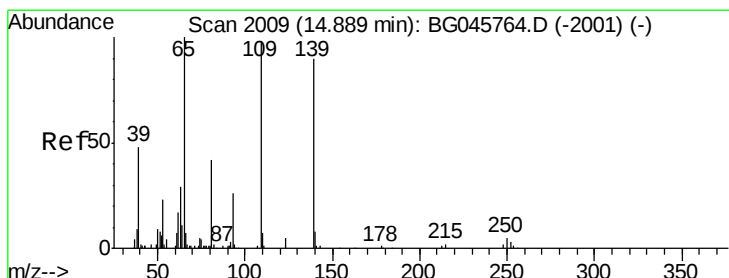
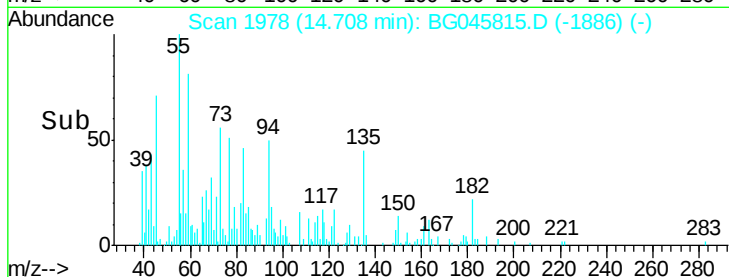
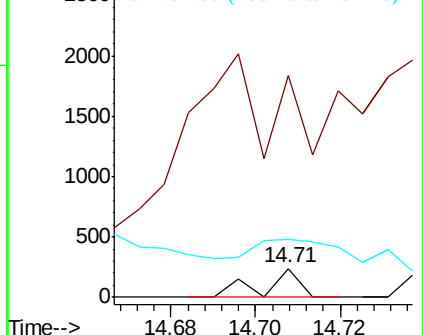
154 203.8 58.6 87.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 6.313 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

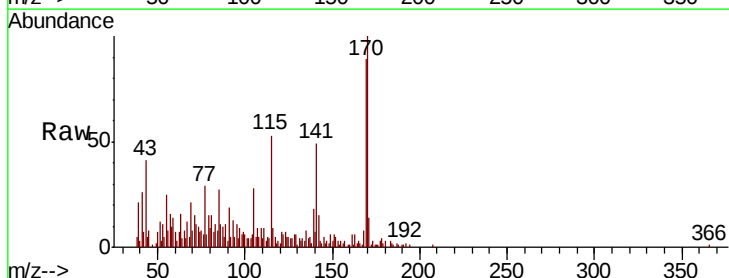
Tgt Ion:139 Resp: 4136

Ion Ratio Lower Upper

139 100

109 47.4 88.9 128.9#

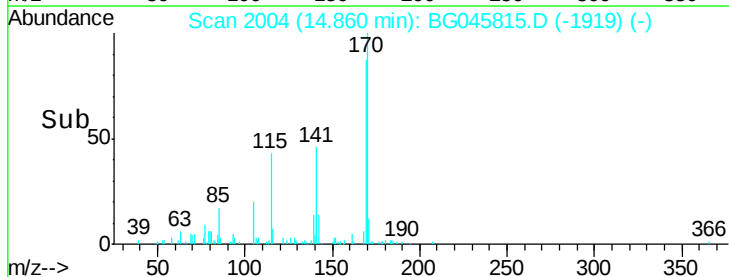
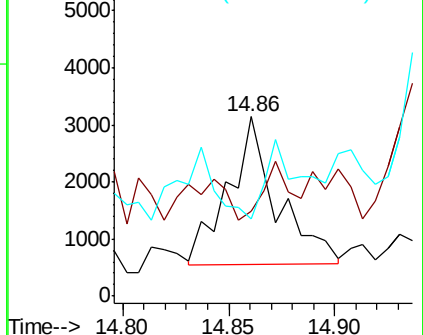
65 42.8 92.3 132.3#

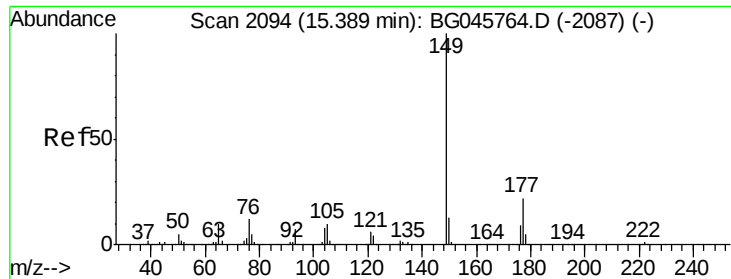


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#60

Diethylphthalate

Concen: 7.507 ng

RT: 15.40 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616

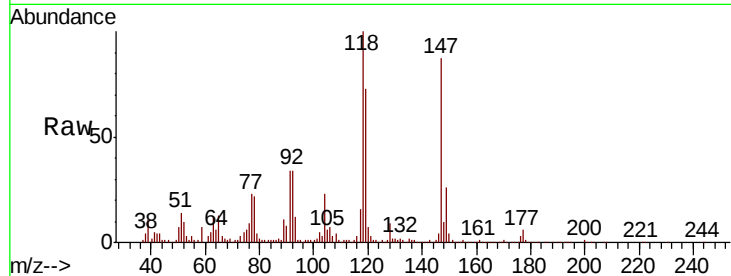
Tot Ion:149 Resp: 80185

Ion Ratio Lower Upper

149 100

177 23.3 17.2 25.8

150 14.4 10.7 16.1

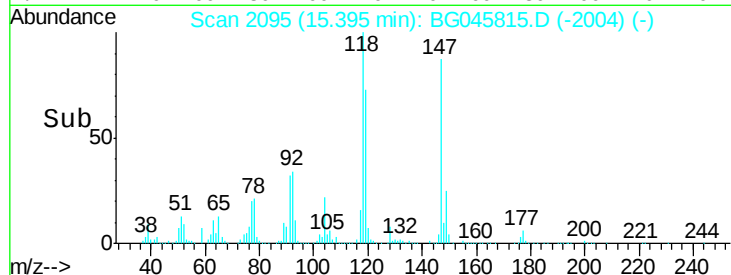


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time--> 15.30 15.40 15.50



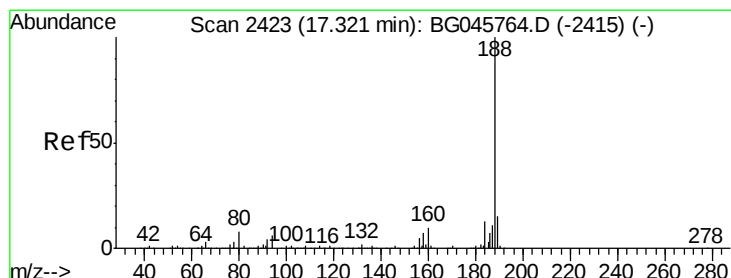
Abundance

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

Time--> 15.30 15.40 15.50



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BG045815.D

Acq: 19 Jun 2020 14:45

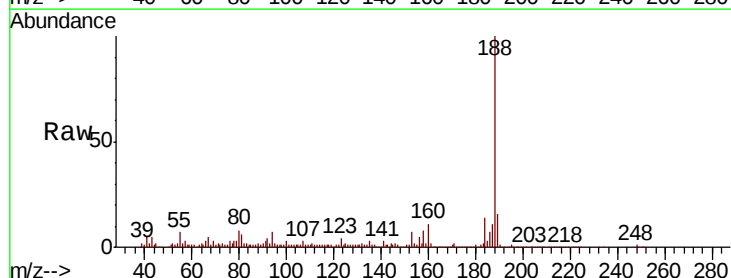
Tgt Ion:188 Resp: 290072

Ion Ratio Lower Upper

188 100

94 7.3 5.1 7.7

80 7.8 6.2 9.4

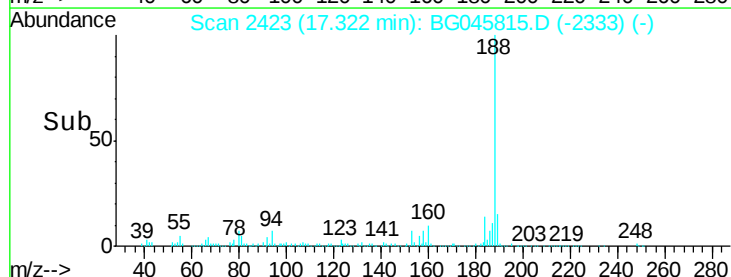


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.30 17.40



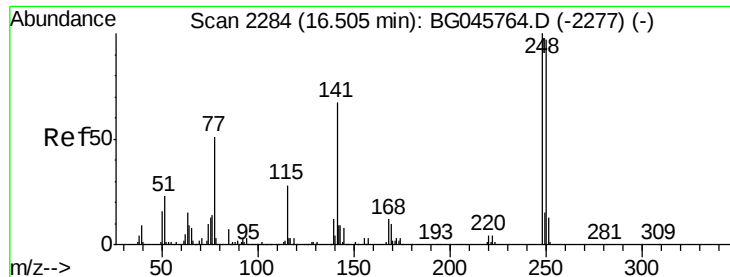
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

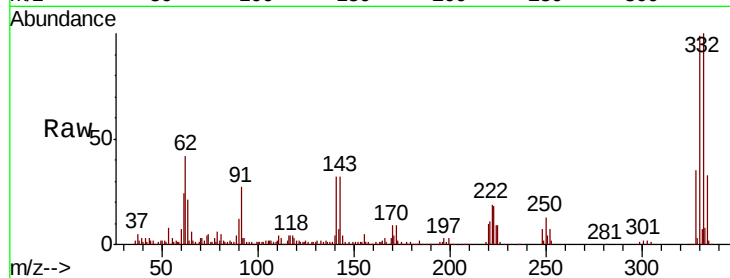
Time--> 17.30 17.40



#67
 4-Bromophenyl-phenylether
 Concen: 5.090 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.42 min
 Lab File: BG045815.D
 Acq: 19 Jun 2020 14:45

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.9	78.0	117.0#
141	444.1	53.9	80.9#

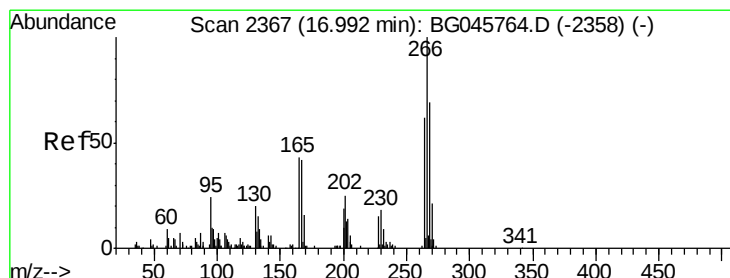
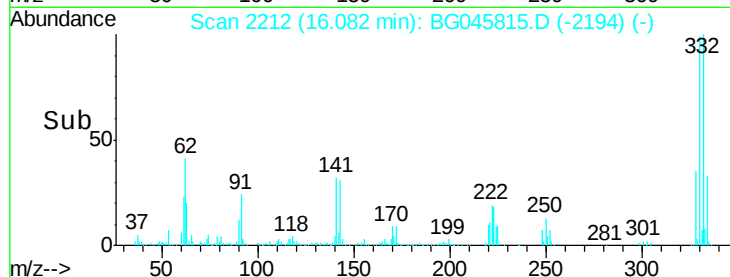
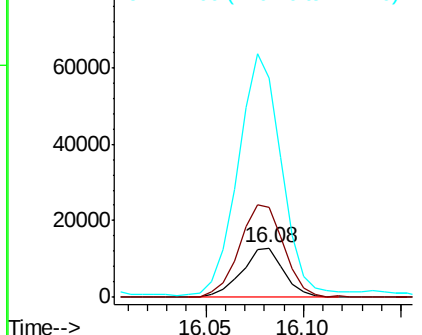


Abundance

Ion 248.00 (247.70 to 248.70): E

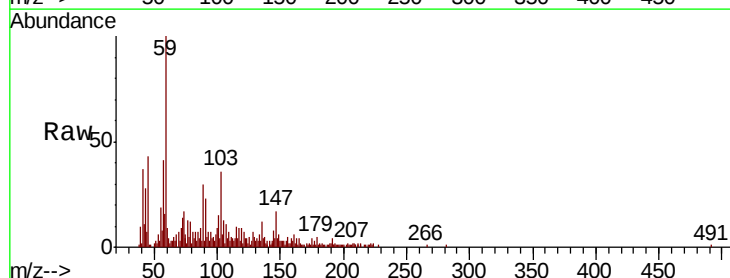
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70
 Pentachlorophenol
 Concen: 7.658 ng
 RT: 16.93 min Scan# 2357
 Delta R.T. -0.06 min
 Lab File: BG045815.D
 Acq: 19 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#

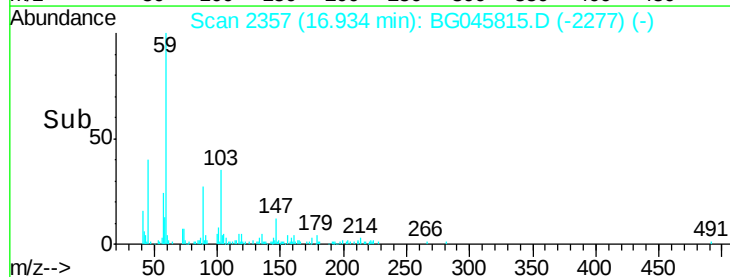
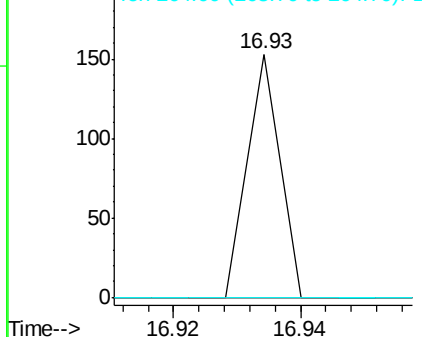


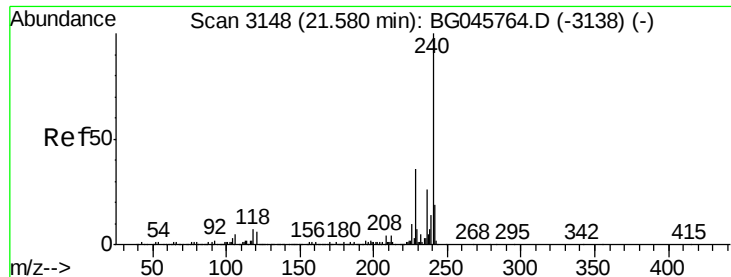
Abundance

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

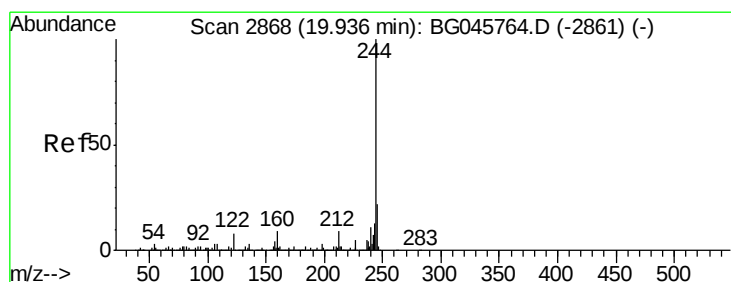
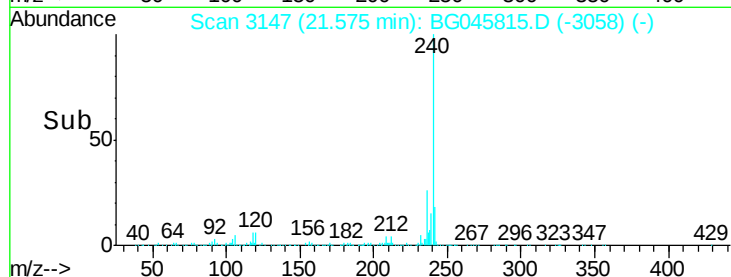
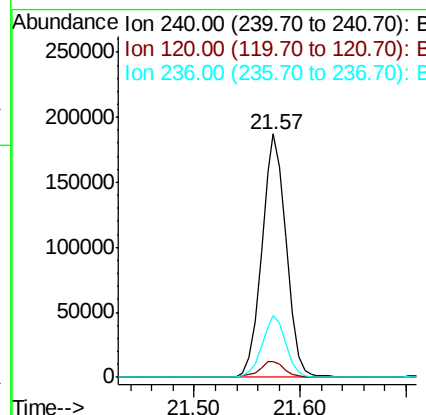
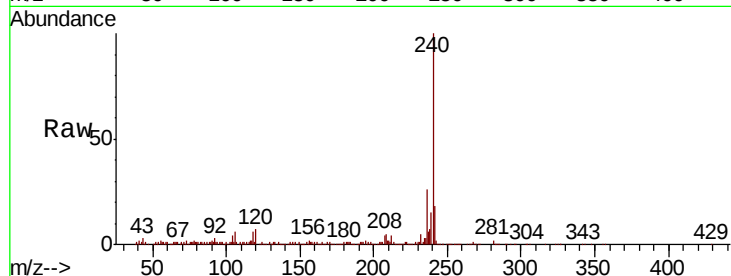




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

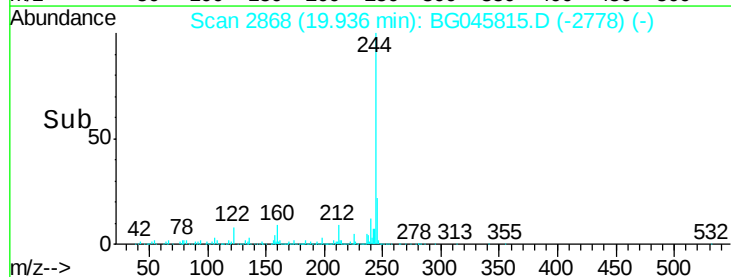
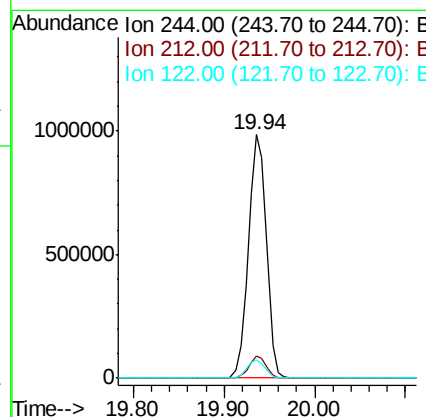
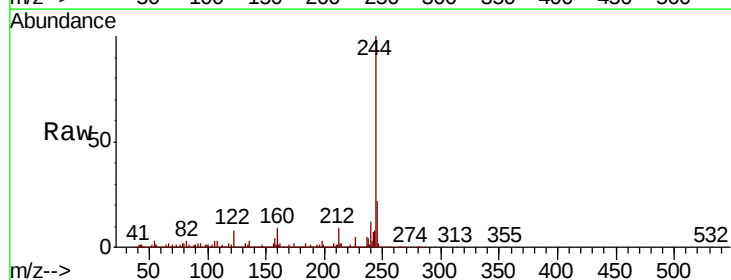
Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

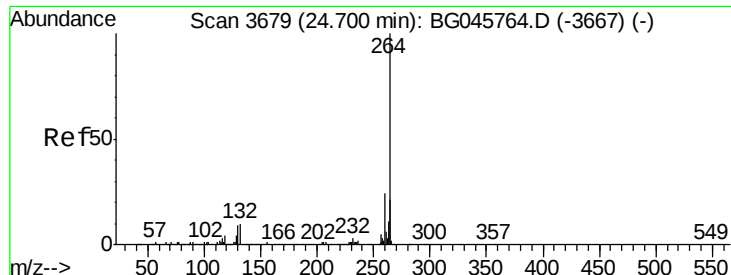
Tot Ion:240 Resp: 299760
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 90.724 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Tgt Ion:244 Resp: 1341926
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 7.8 6.4 9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045815.D
Acq: 19 Jun 2020 14:45

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.5	17.4	26.0

