

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045955.D
 Acq On : 7 Jul 2020 10:24
 Operator : CG/JU
 Sample : PB129897BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

Quant Time: Jul 07 11:37:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	212053	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	834192	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	511449	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1042549	20.00	ng	0.00
76) Chrysene-d12	21.63	240	995494	20.00	ng	0.00
86) Perylene-d12	24.79	264	1051269	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1452793	111.10	ng	0.00
7) Phenol-d6	7.17	99	1976676	105.00	ng	0.00
23) Nitrobenzene-d5	9.16	82	1279657	88.29	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	581978	122.60	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2447795	74.65	ng	0.00
79) Terphenyl-d14	19.99	244	3188350	71.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	279	0.046	ng	# 66
3) Pyridine	3.89	79	136	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	988	0.160	ng	# 1
6) Aniline	7.32	93	139	0.006	ng	# 59
8) 2-Chlorophenol	7.56	128	64	0.005	ng	# 48
9) Benzaldehyde	7.17	77	4138	0.347	ng	# 14
10) Phenol	7.17	94	752	0.040	ng	# 1
11) bis(2-Chloroethyl)ether	7.43	93	136	0.009	ng	# 1
12) 1,3-Dichlorobenzene	8.01	146	163	0.010	ng	# 1
13) 1,4-Dichlorobenzene	8.01	146	163	0.010	ng	# 1
14) 1,2-Dichlorobenzene	8.33	146	1118	0.073	ng	# 1
15) Benzyl Alcohol	8.33	79	26497	1.795	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.58	45	63	0.003	ng	# 63
17) 2-Methylphenol	8.44	107	130	0.009	ng	# 31
18) Hexachloroethane	9.06	117	178	0.029	ng	# 44
20) 3+4-Methylphenols	8.75	107	142	0.007	ng	# 20
22) Acetophenone	8.85	105	62	0.003	ng	# 1
24) Nitrobenzene	9.23	77	417	0.026	ng	# 42
25) Isophorone	9.71	82	741	0.021	ng	# 30
26) 2-Nitrophenol	9.99	139	68	0.013	ng	# 32
27) 2,4-Dimethylphenol	9.93	122	58	0.005	ng	# 2
28) bis(2-Chloroethoxy)methane	10.21	93	265	0.013	ng	# 48
30) 1,2,4-Trichlorobenzene	10.36	180	77	0.005	ng	# 12
31) Naphthalene	10.85	128	166	0.004	ng	# 67
33) 4-Chloroaniline	10.96	127	87	0.004	ng	# 34
34) Hexachlorobutadiene	11.54	225	66	0.008	ng	# 18
35) Caprolactam	11.82	113	57	0.012	ng	# 1
36) 4-Chloro-3-methylphenol	12.08	107	84	0.006	ng	# 21
37) 2-Methylnaphthalene	12.48	142	56	0.002	ng	# 14
38) 1-Methylnaphthalene	12.75	142	55	0.002	ng	# 6
40) 1,2,4,5-Tetrachlorobenzene	12.68	216	55	0.004	ng	# 26
41) Hexachlorocyclopentadiene	12.72	237	62	0.007	ng	# 28
43) 2,4,6-Trichlorophenol	13.46	196	69	0.007	ng	# 12
44) 2,4,5-Trichlorophenol	13.46	196	69	0.006	ng	# 1

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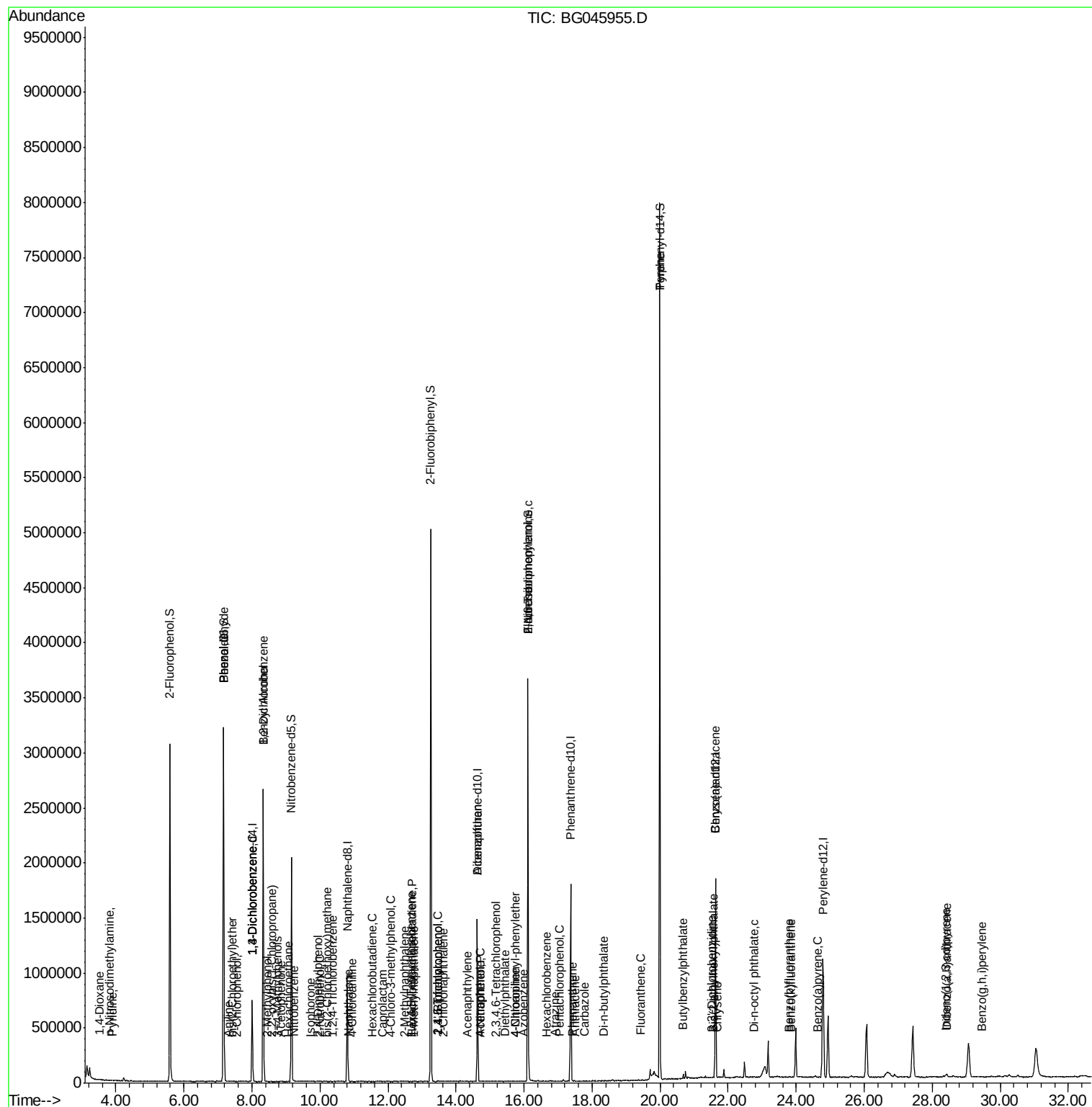
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.46	154	7104	0.185	nq	89
47) 2-Chloronaphthalene	13.62	162	66	0.002	nq	# 1
49) Acenaphthylene	14.34	152	141	0.003	nq	# 58
52) Acenaphthene	14.70	154	56	0.002	nq	# 4
55) Dibenzofuran	14.62	168	59	0.001	nq	# 1
56) 4-Nitrophenol	14.70	139	119	0.019	nq	# 59
58) Fluorene	16.11	166	31243	0.841	nq	# 90
59) 2,3,4,6-Tetrachlorophenol	15.18	232	56	0.007	nq	# 40
60) Diethylphthalate	15.45	149	440	0.011	nq	# 57
61) 4-Chlorophenyl-phenvlether	15.73	204	110	0.006	nq	# 27
62) 4-Nitroaniline	15.75	138	53	0.007	nq	# 12
63) Azobenzene	15.97	77	453	0.010	nq	# 38
66) n-Nitrosodiphenylamine	16.11	169	25918	0.802	nq	# 51
68) Hexachlorobenzene	16.66	284	105	0.009	nq	# 38
69) Atrazine	16.91	200	59	0.006	nq	# 35
70) Pentachlorophenol	17.05	266	66	0.010	nq	# 18
71) Phenanthrene	17.42	178	133	0.002	nq	# 57
72) Anthracene	17.51	178	158	0.003	nq	# 57
73) Carbazole	17.76	167	160	0.003	nq	# 55
74) Di-n-butylphthalate	18.35	149	1322	0.020	nq	# 75
75) Fluoranthene	19.42	202	142	0.002	nq	# 60
78) Pyrene	19.99	202	16564	0.244	nq	# 79
80) Butylbenzylphthalate	20.68	149	674	0.021	nq	# 72
81) Benzo(a)anthracene	21.63	228	3619	0.055	nq	# 56
82) 3,3'-Dichlorobenzidine	21.52	252	799	0.033	nq	# 71
83) Chrysene	21.68	228	527	0.008	nq	# 46
84) Bis(2-ethylhexyl)phthalate	21.55	149	2979	0.064	nq	# 91
85) Di-n-octyl phthalate	22.76	149	4472	0.055	nq	# 75
87) Indeno(1,2,3-cd)pyrene	28.39	276	1105	0.014	nq	# 61
88) Benzo(b)fluoranthene	23.79	252	2434	0.036	nq	# 68
89) Benzo(k)fluoranthene	23.85	252	2170	0.034	nq	# 81
90) Benzo(a)pyrene	24.63	252	2667	0.042	nq	# 76
91) Dibenzo(a,h)anthracene	28.43	278	5019	0.081	nq	# 82
92) Benzo(g,h,i)perylene	29.45	276	4649	0.074	nq	# 91

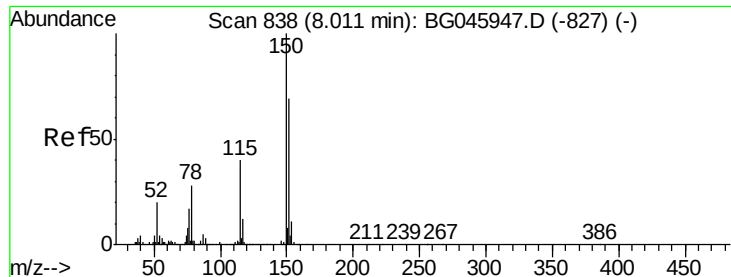
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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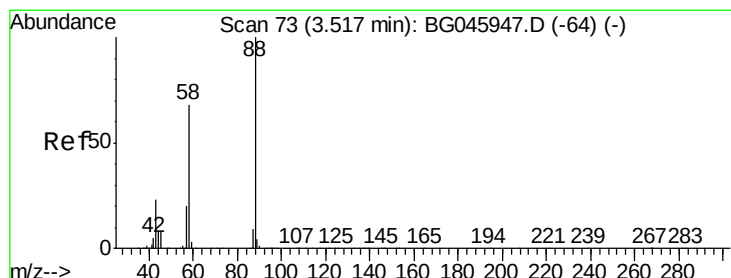
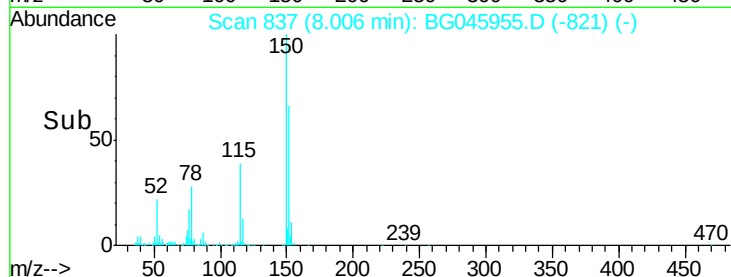
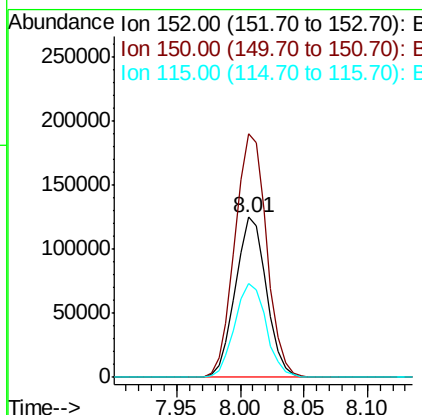
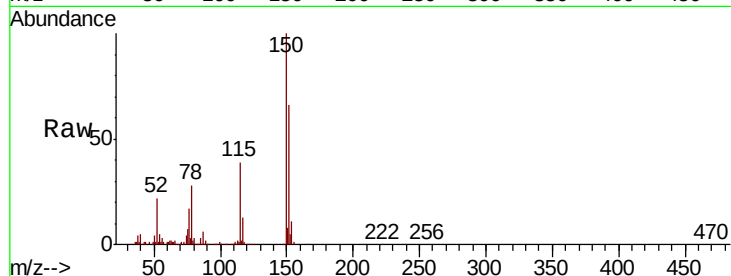


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Instrument :
BNA_G
ClientSampleId :
PB129897BL

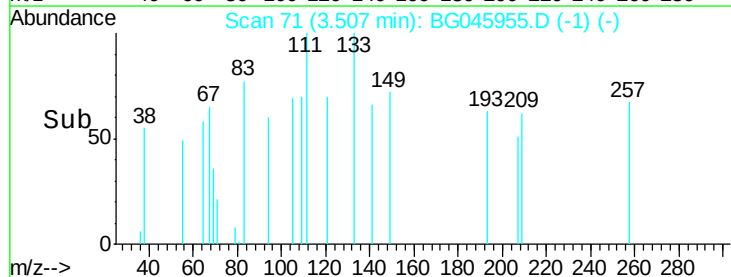
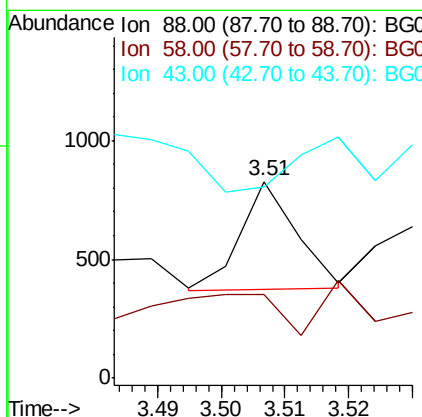
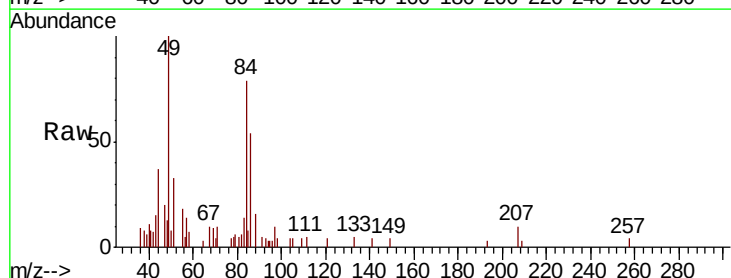
Tot Ion:152 Resp: 212053
Ion Ratio Lower Upper
152 100
150 151.8 116.7 175.1
115 58.8 47.4 71.0

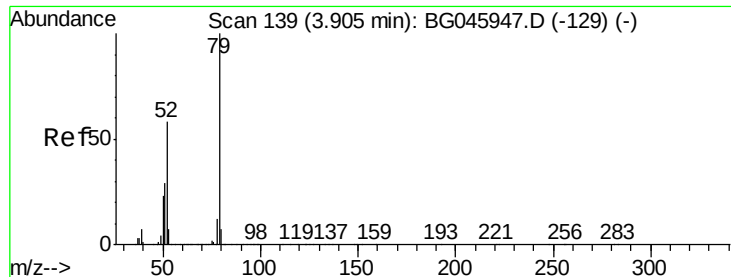


#2

1,4-Dioxane
Concen: 0.046 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.01 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
58 92.8 55.2 82.8#
43 0.0 19.4 29.0#





#3

Pvridine

Concen: 0.007 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampled :

PB129897BL

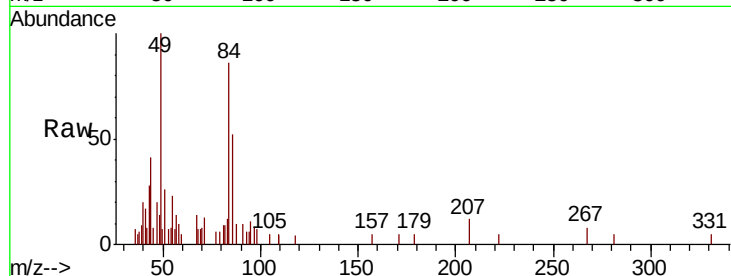
Tot Ion: 79 Resp: 136

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

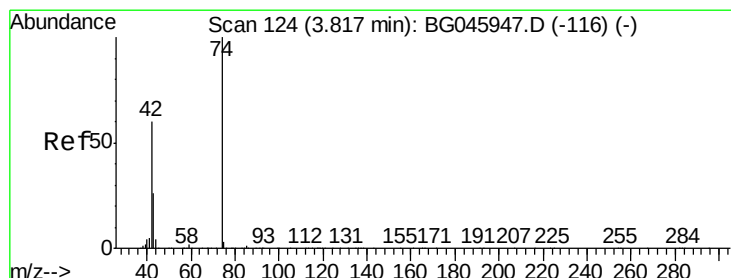
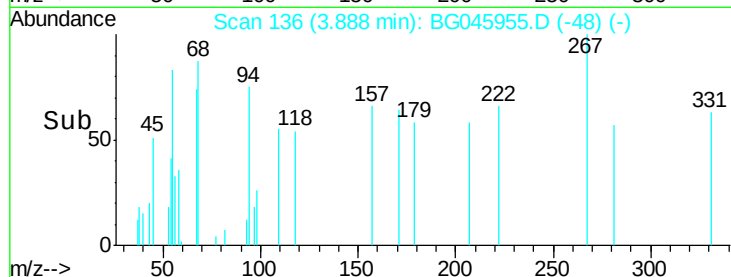
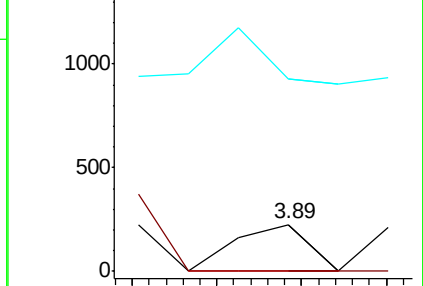
51 412.9 23.5 35.3#



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: 0.160 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

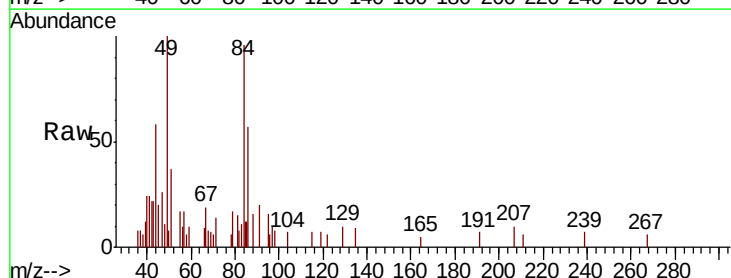
Tgt Ion: 42 Resp: 988

Ion Ratio Lower Upper

42 100

74 0.0 131.9 197.9#

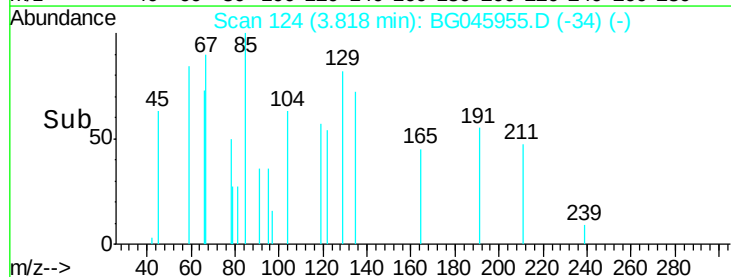
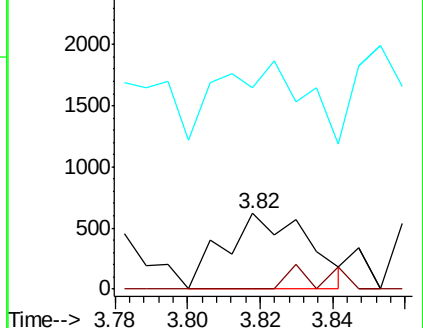
44 266.7 7.7 11.5#

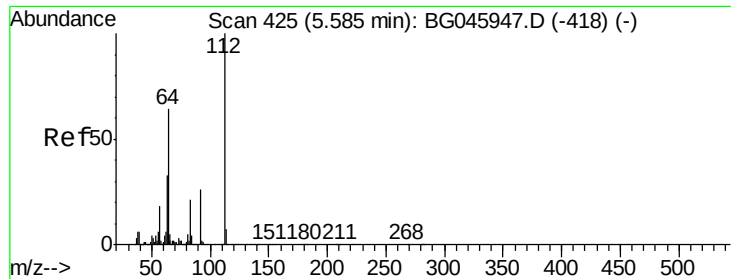


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 111.102 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045955.D

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PB129897BL

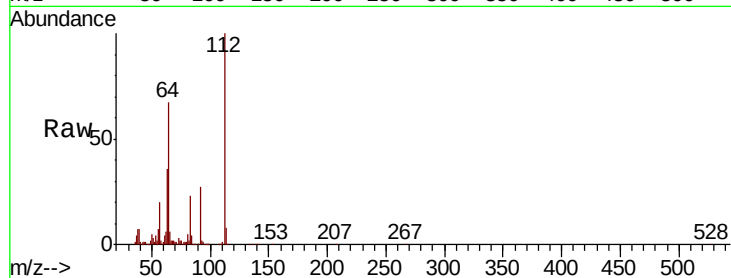
Tot Ion:112 Resp: 1452793

Ion Ratio Lower Upper

112 100

64 67.1 51.4 77.2

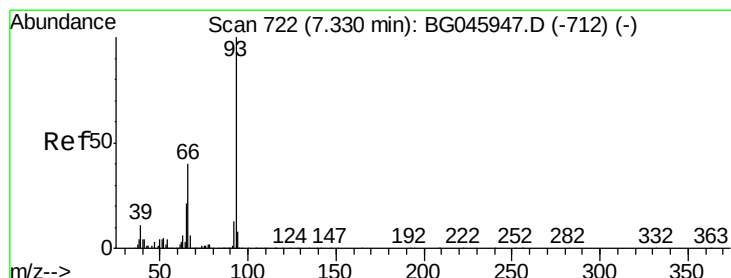
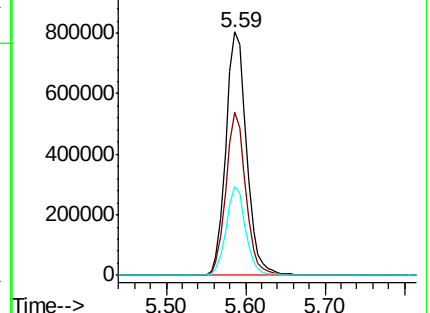
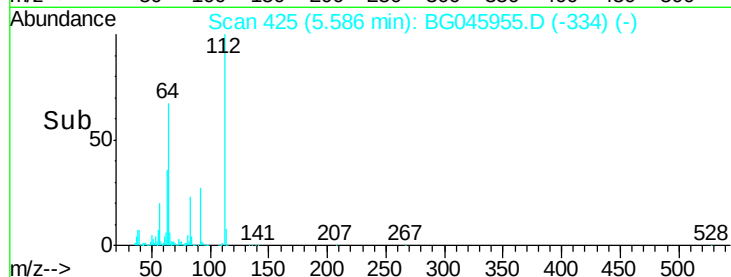
63 36.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.006 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

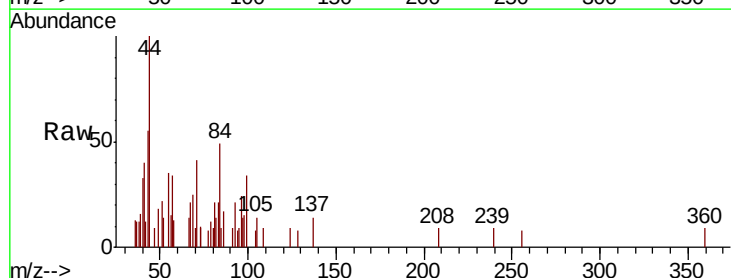
Tgt Ion: 93 Resp: 139

Ion Ratio Lower Upper

93 100

66 64.6 32.3 48.5#

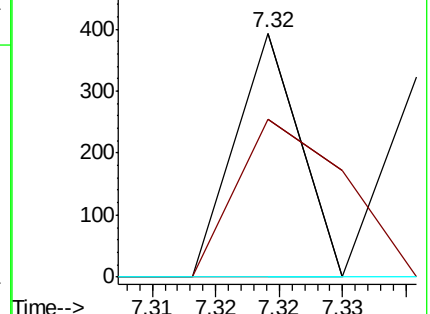
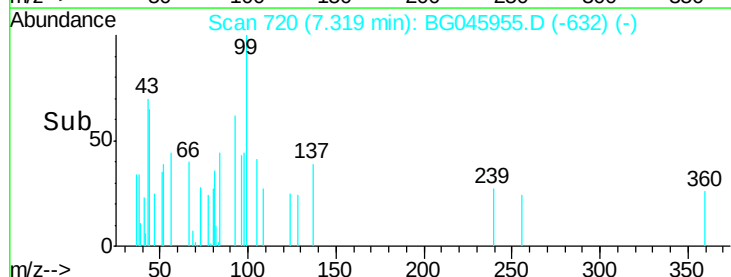
65 0.0 16.6 25.0#

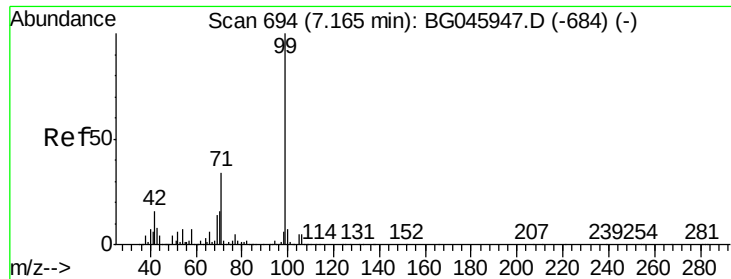


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.997 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

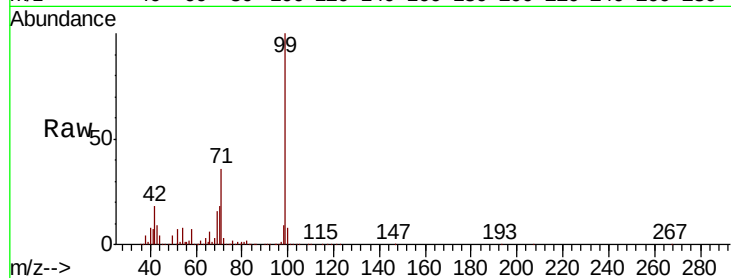
BNA_G

ClientSampleId :

PB129897BL

Tot Ion: 99 Resp: 1976676

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.0	19.4
71	36.2	27.5	41.3

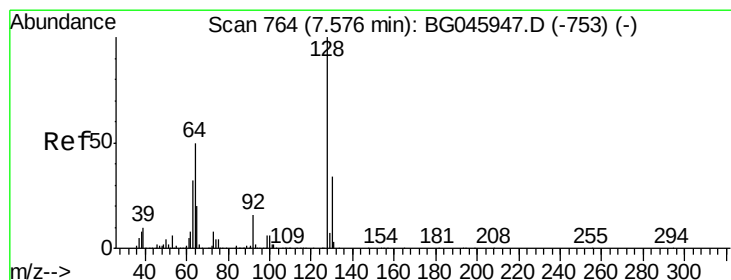
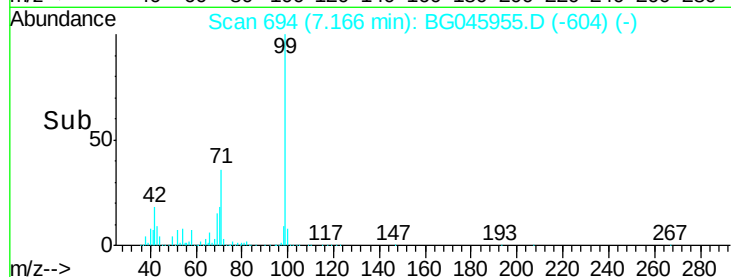
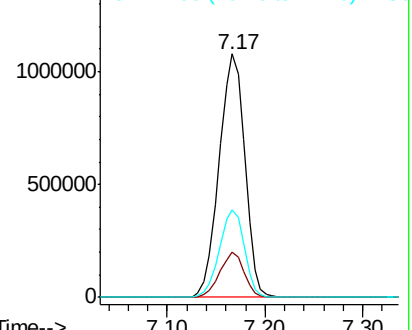


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.005 ng

RT: 7.56 min Scan# 761

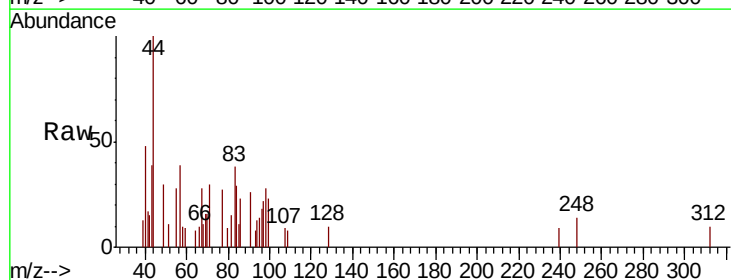
Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Tgt Ion: 128 Resp: 64

Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.6	53.6#
64	83.0	30.6	70.6#

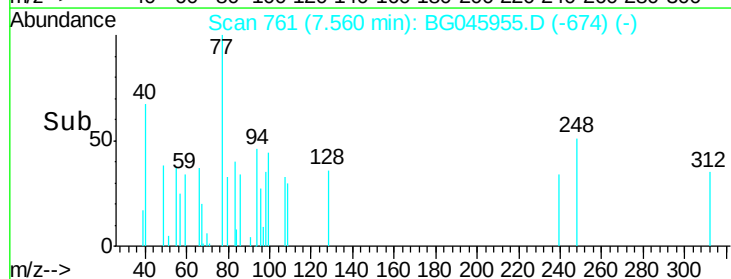
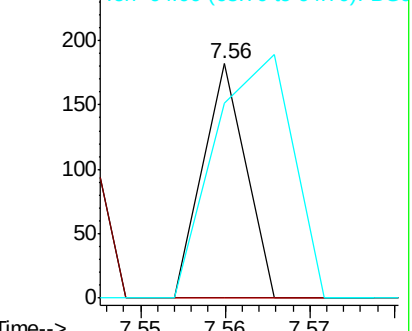


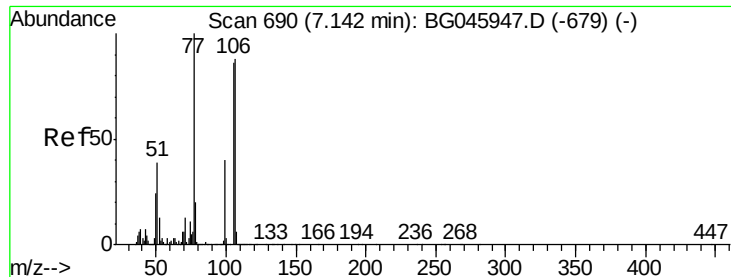
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.347 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.03 min

Lab File: BG045955.D

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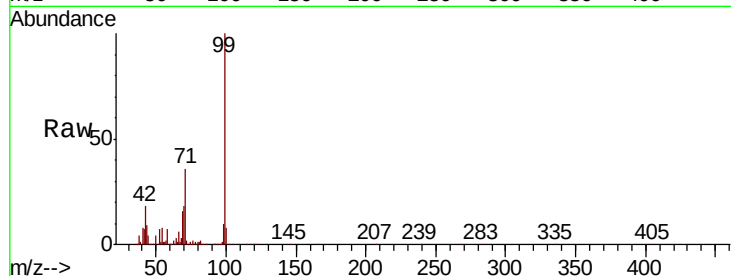
Tot Ion: 77 Resp: 4138

Ion Ratio Lower Upper

77 100

105 14.5 66.0 106.0#

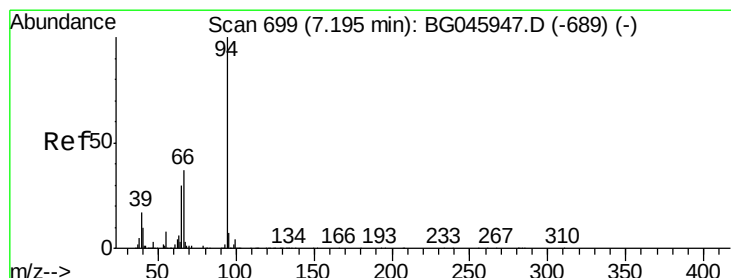
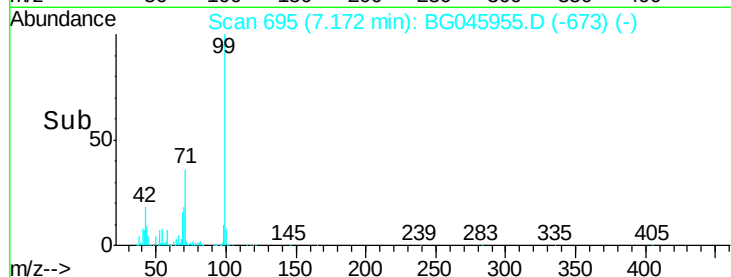
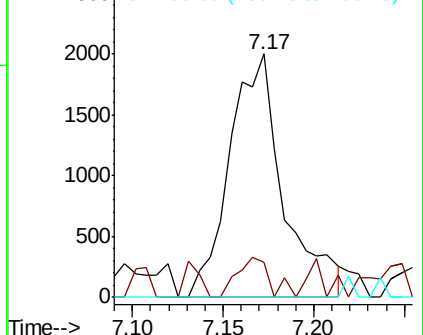
106 0.0 67.7 107.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.040 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

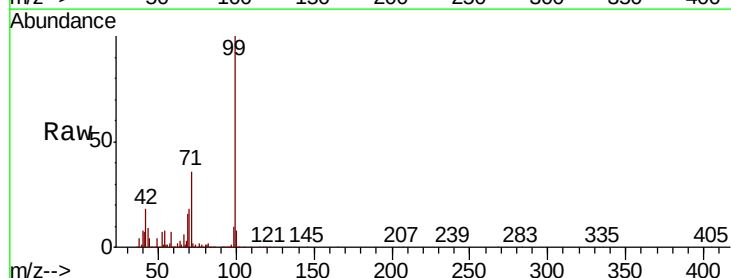
Tgt Ion: 94 Resp: 752

Ion Ratio Lower Upper

94 100

65 2541.3 10.6 50.6#

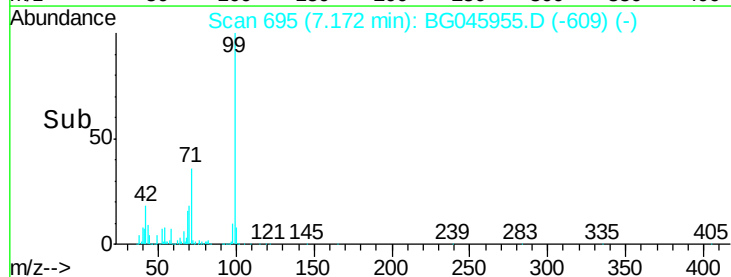
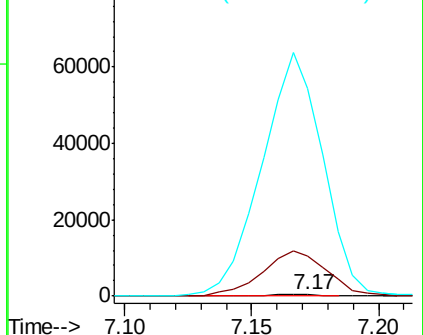
66 13248.5 17.1 57.1#

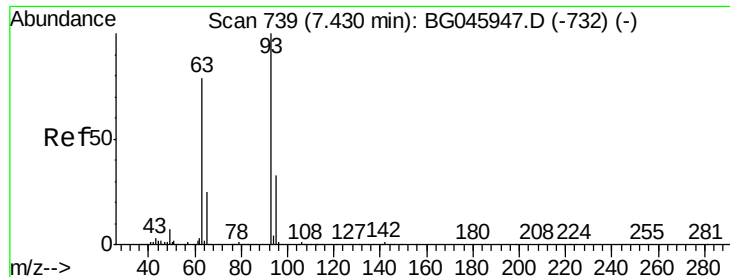


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.009 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

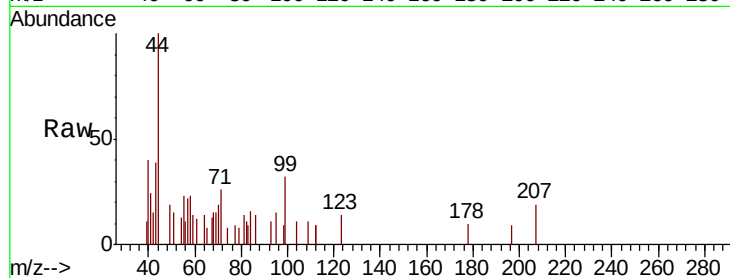
Tot Ion: 93 Resp: 136

Ion Ratio Lower Upper

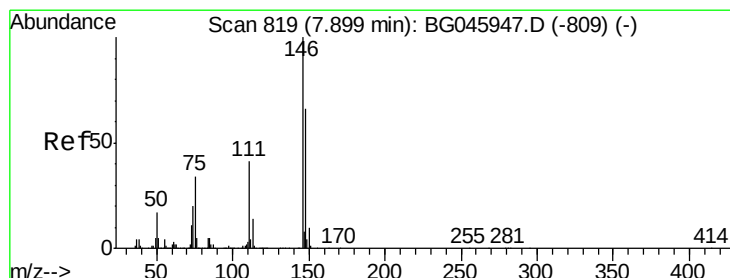
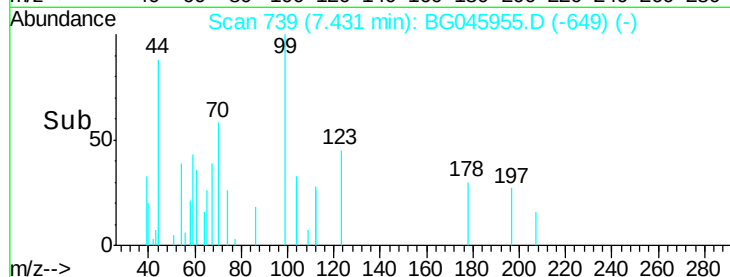
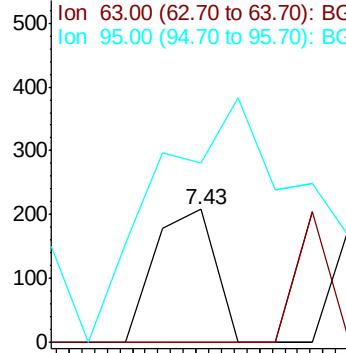
93 100

63 0.0 58.6 98.6#

95 135.1 13.3 53.3#



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: 0.010 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.11 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

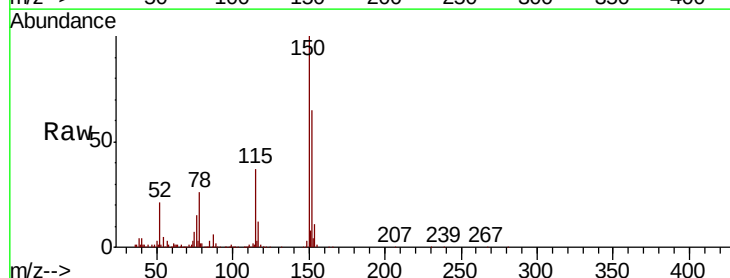
Tgt Ion:146 Resp: 163

Ion Ratio Lower Upper

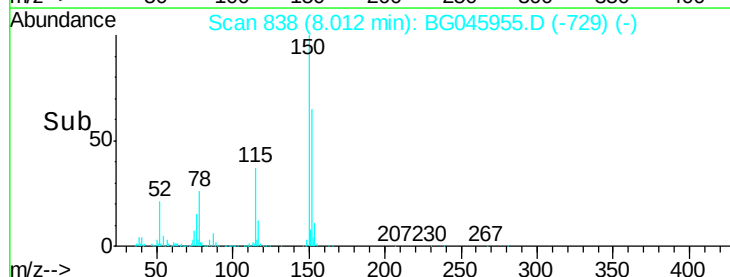
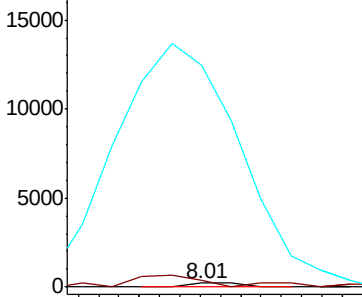
146 100

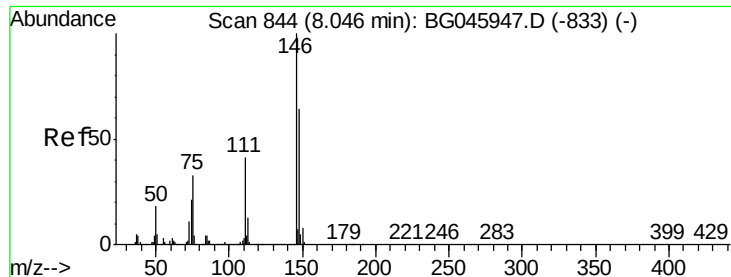
148 171.2 52.8 79.2#

75 5274.6 27.2 40.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

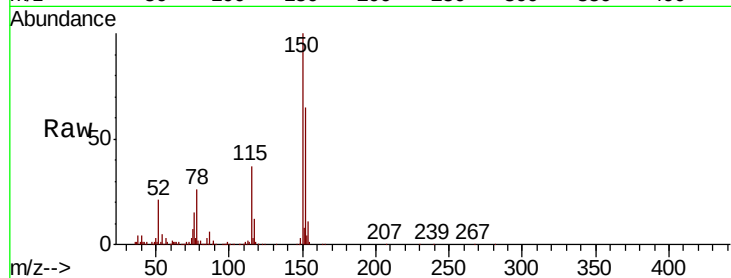




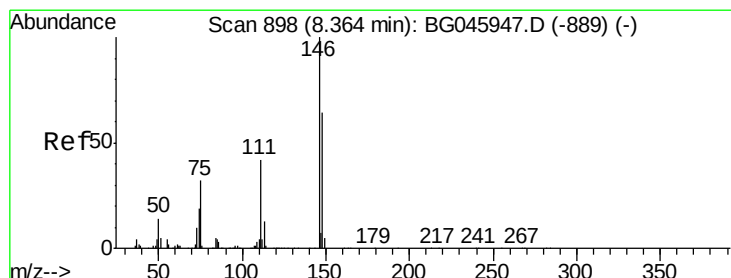
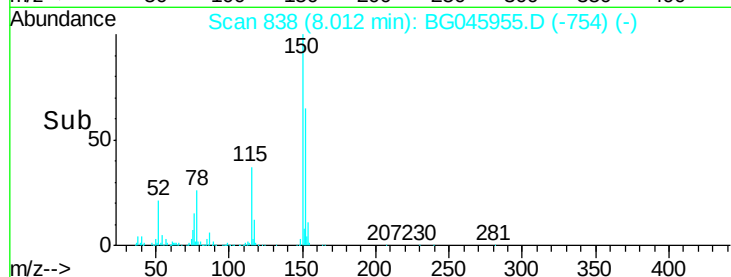
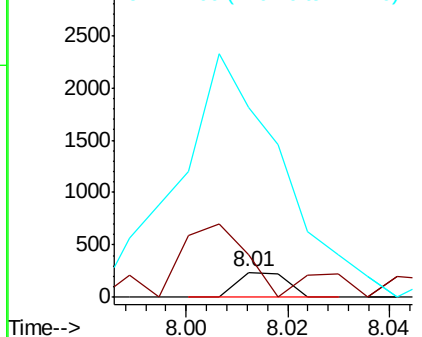
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

Tot Ion:146 Resp: 163
 Ion Ratio Lower Upper
 146 100
 148 171.2 51.7 77.5#
 111 766.1 33.3 49.9#

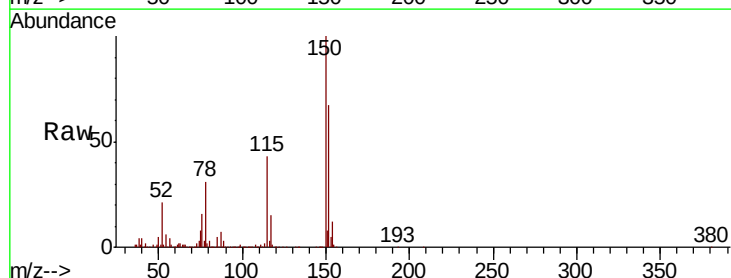


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

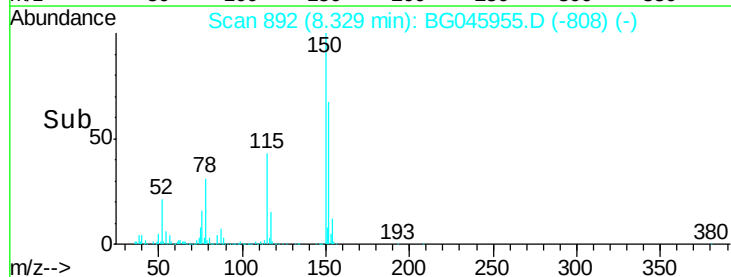
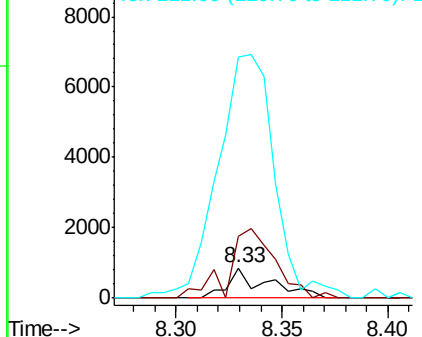


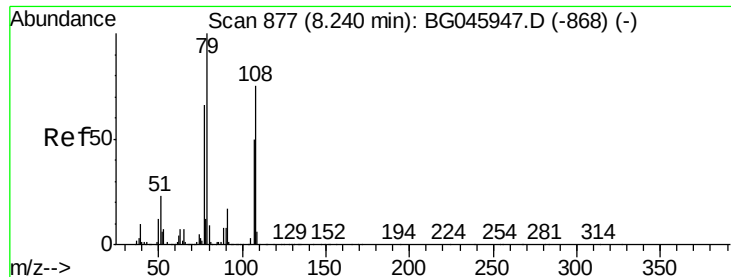
#14
 1,2-Dichlorobenzene
 Concen: 0.073 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.03 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Tgt Ion:146 Resp: 1118
 Ion Ratio Lower Upper
 146 100
 148 206.1 51.6 77.4#
 111 799.2 34.0 51.0#



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





#15

Benzyl Alcohol

Concen: 1.795 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.09 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

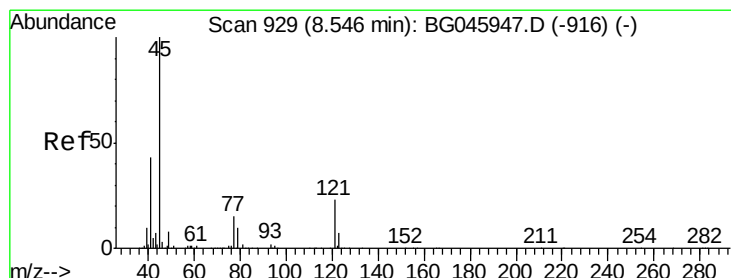
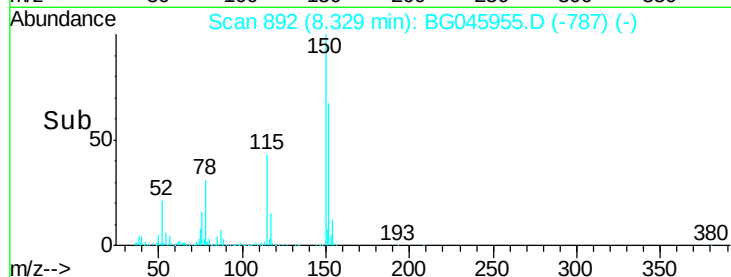
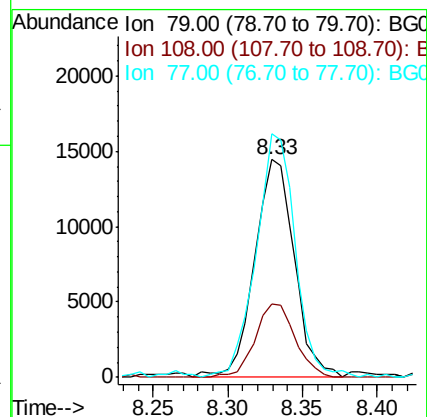
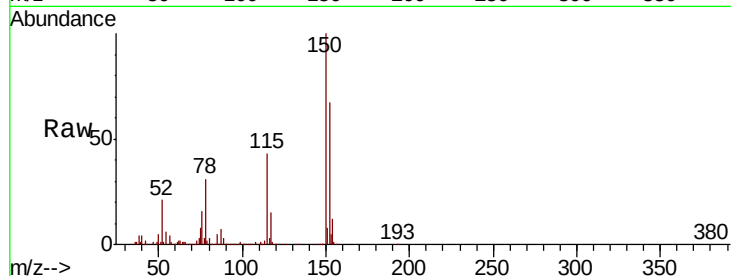
Tot Ion: 79 Resp: 26497

Ion Ratio Lower Upper

79 100

108 33.6 60.2 90.4#

77 111.8 52.9 79.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.003 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.03 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

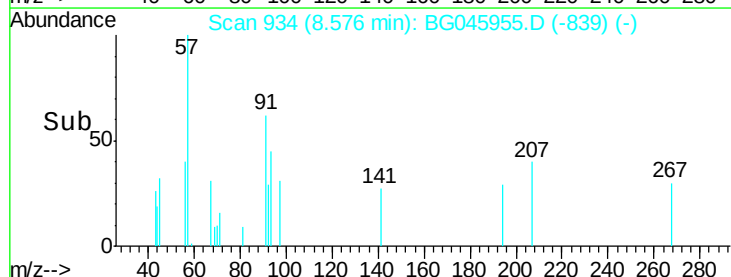
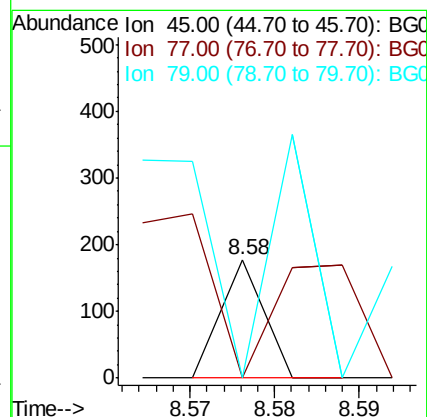
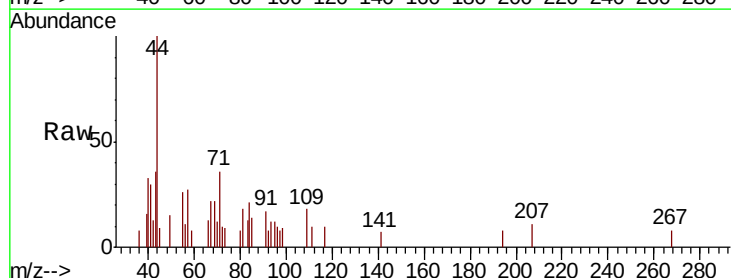
Tgt Ion: 45 Resp: 63

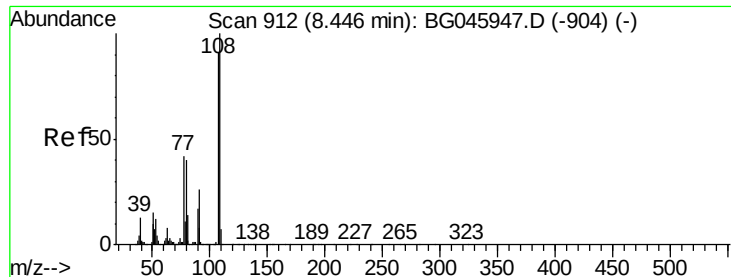
Ion Ratio Lower Upper

45 100

77 0.0 0.0 37.6

79 0.0 0.0 32.6





#17

2-Methylphenol

Concen: 0.009 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

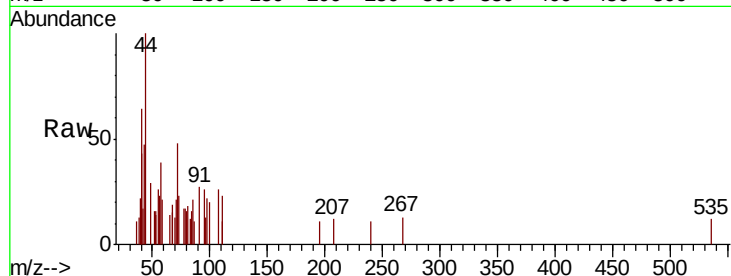
Instrument :

BNA_G

ClientSampled :

PB129897BL

Tot Ion:	107	Resp:	130
Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.2	132.4#
77	64.1	37.0	55.4#
79	61.7	35.4	53.0#



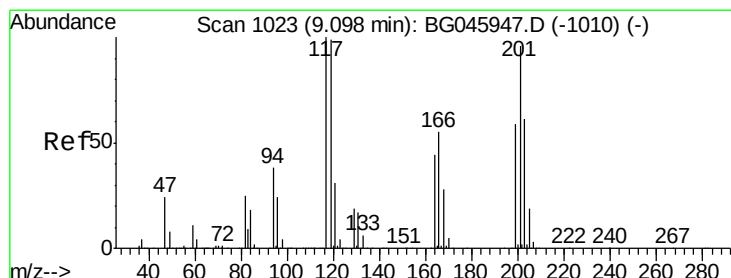
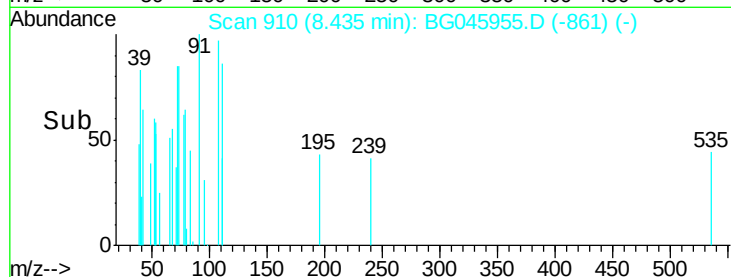
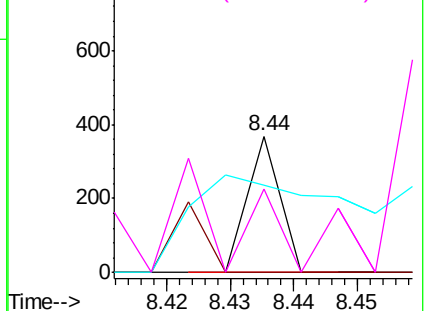
Abundance

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: 0.029 ng

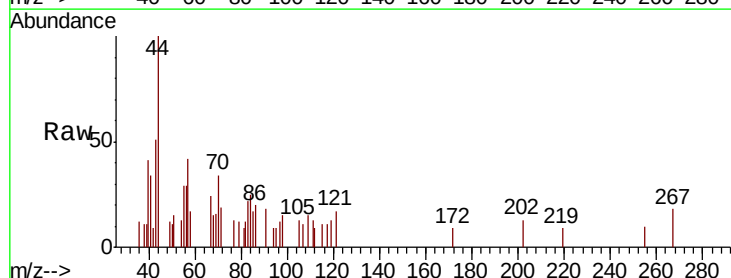
RT: 9.06 min Scan# 1017

Delta R.T. -0.03 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Tgt Ion:	117	Resp:	178
Ion	Ratio	Lower	Upper
117	100		
119	115.0	79.5	119.3
201	0.0	77.0	115.4#

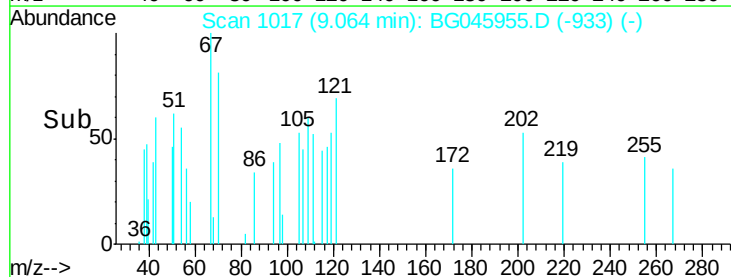
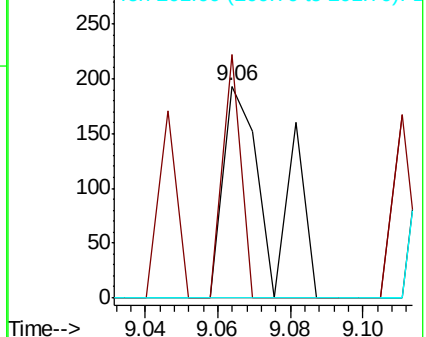


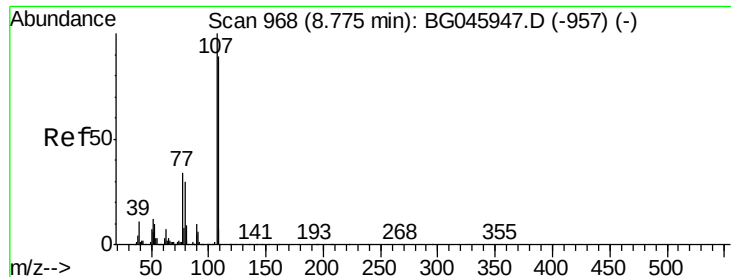
Abundance

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





#20

3+4-Methylphenols

Concen: 0.007 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

Tot Ion:107 Resp: 142

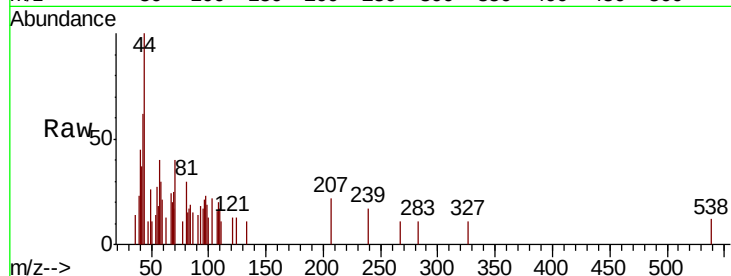
Ion Ratio Lower Upper

107 100

108 0.0 68.7 108.7#

77 71.5 14.6 54.6#

79 0.0 10.6 50.6#

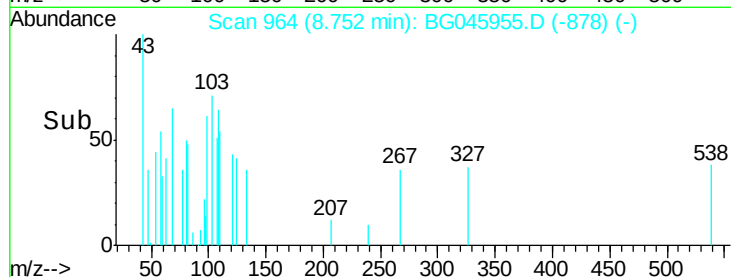


Abundance Ion 107.00 (106.70 to 107.70): E

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



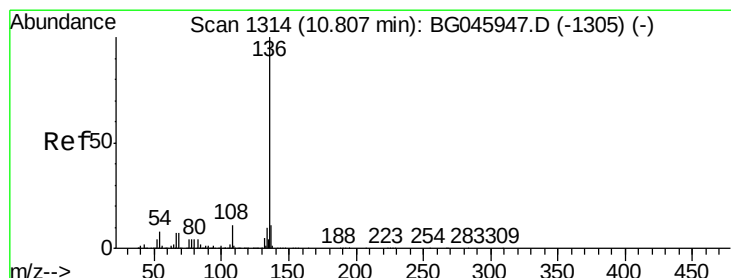
Time-->

8.74

8.75

8.76

8.77



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Tgt Ion:136 Resp: 834192

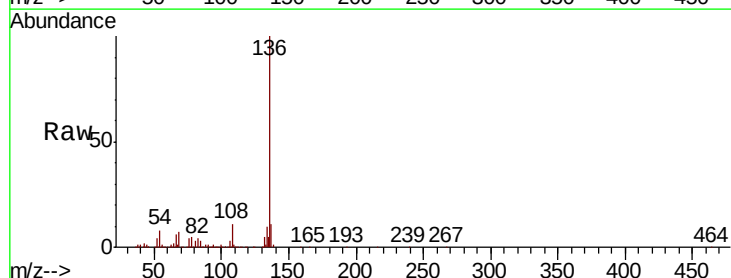
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.2 6.2 9.4

68 7.3 5.8 8.8

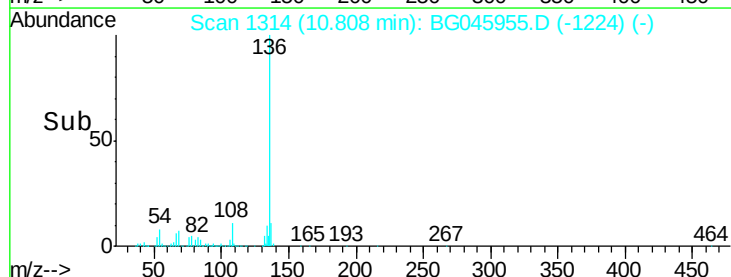


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

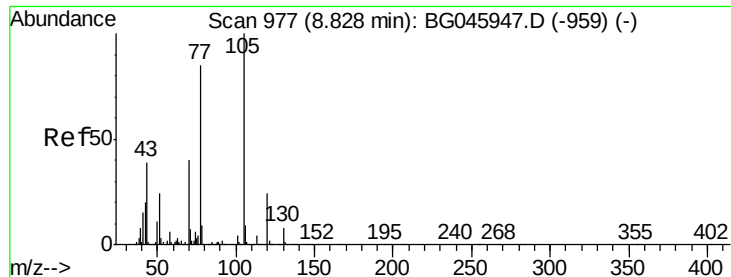


Time-->

10.70

10.80

10.90



#22

Acetophenone

Concen: 0.003 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

Tot Ion:105 Resp: 62

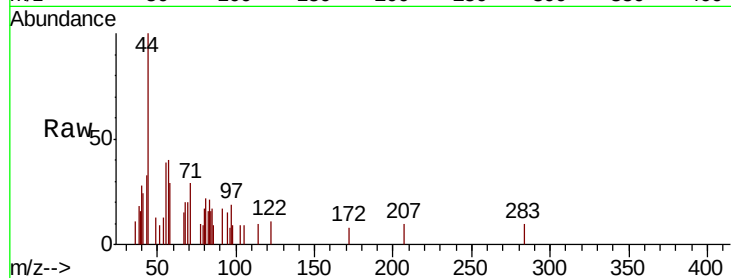
Ion Ratio Lower Upper

105 100

71 307.4 6.2 9.2#

51 100.6 19.7 29.5#

120 0.0 19.2 28.8#



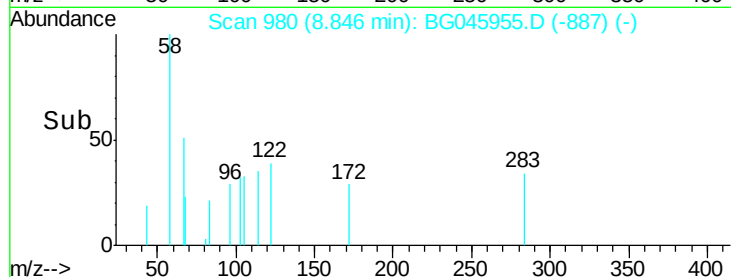
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

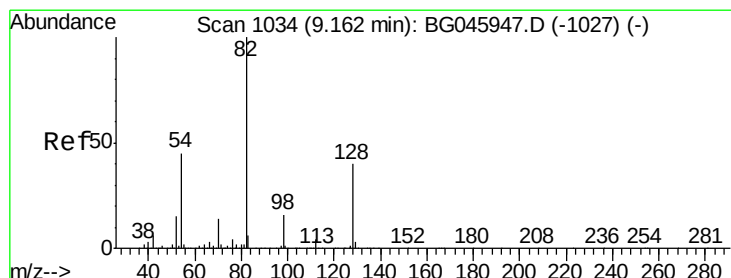
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 88.294 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

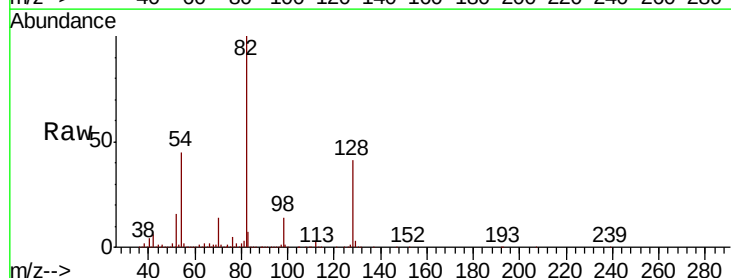
Tgt Ion: 82 Resp: 1279657

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.4

54 44.7 35.8 53.6

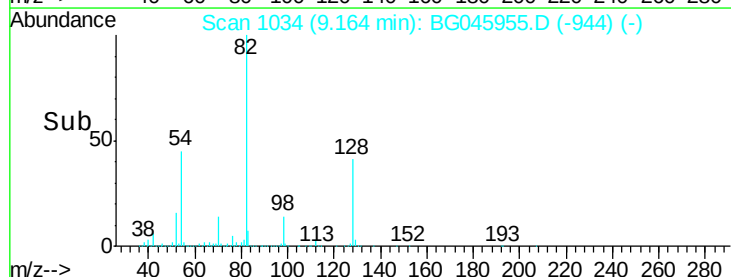


Abundance Ion 82.00 (81.70 to 82.70): BGC

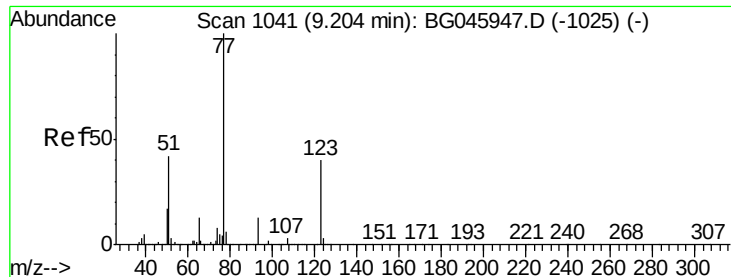
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->



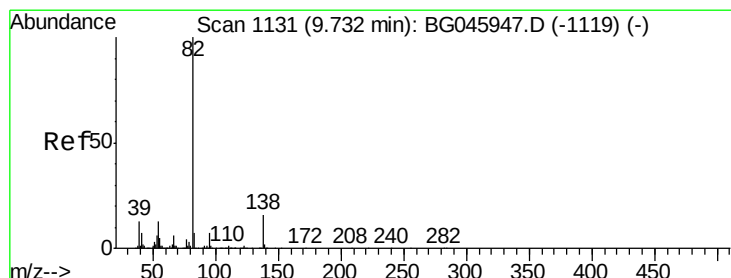
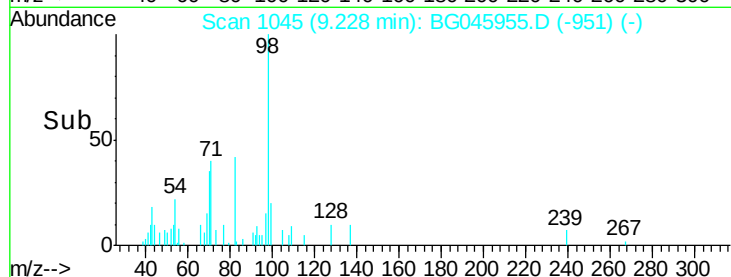
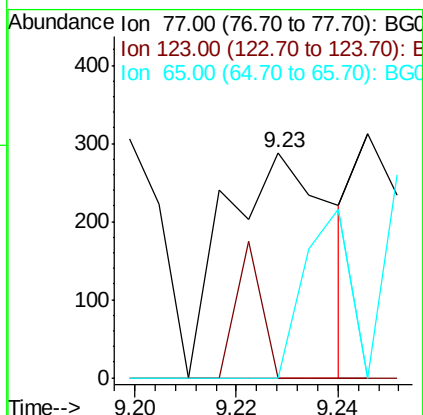
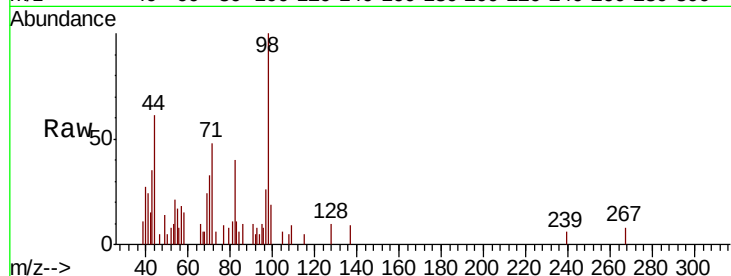
Time-->



#24
Nitrobenzene
Concen: 0.026 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

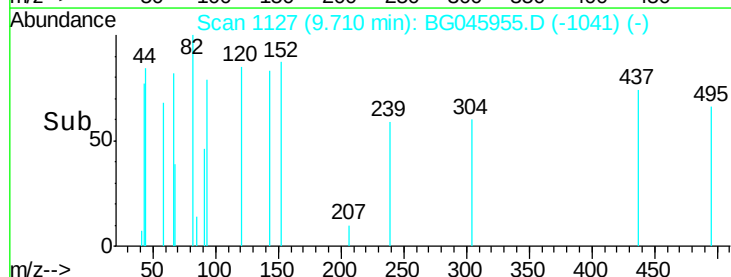
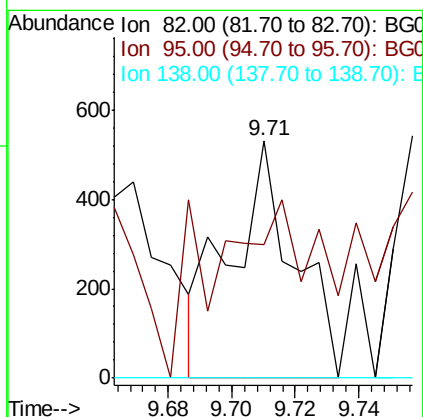
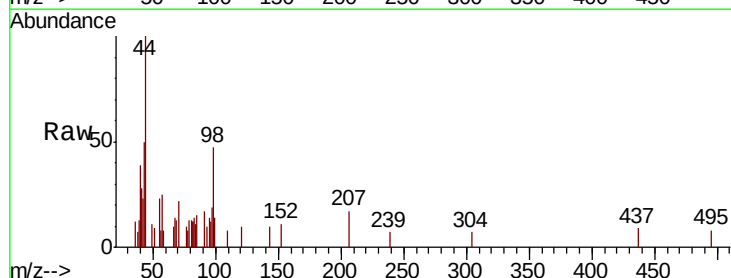
Instrument :
BNA_G
ClientSampleId :
PB129897BL

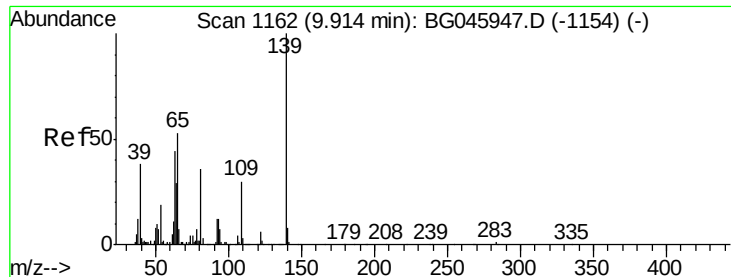
Tot Ion: 77 Resp: 417
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 10.2 15.4#



#25
Isophorone
Concen: 0.021 ng
RT: 9.71 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion: 82 Resp: 741
Ion Ratio Lower Upper
82 100
95 56.5 5.8 8.6#
138 0.0 12.9 19.3#

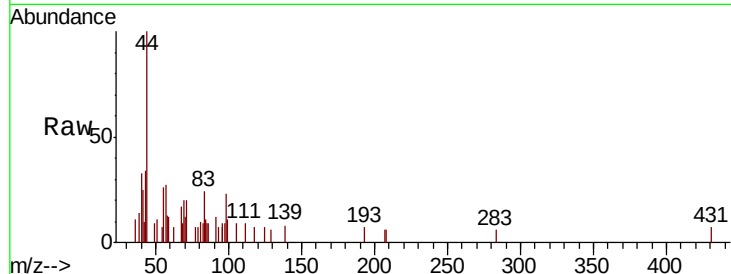




#26
2-Nitrophenol
Concen: 0.013 ng
RT: 9.99 min Scan# 1174
Delta R.T. 0.07 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Instrument :
BNA_G
ClientSampleId :
PB129897BL

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.6	37.0#
65	0.0	42.6	64.0#

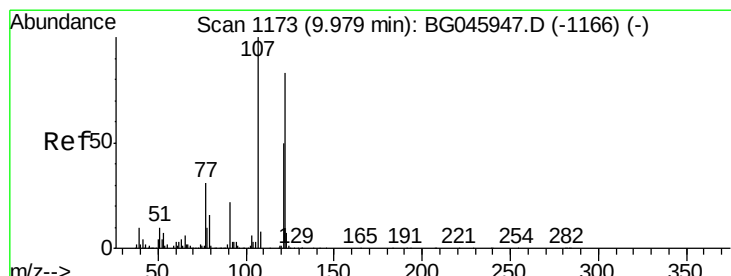
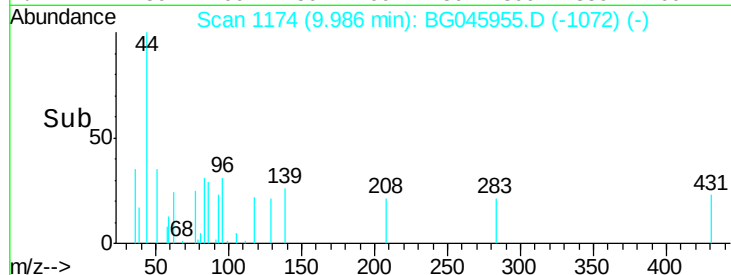
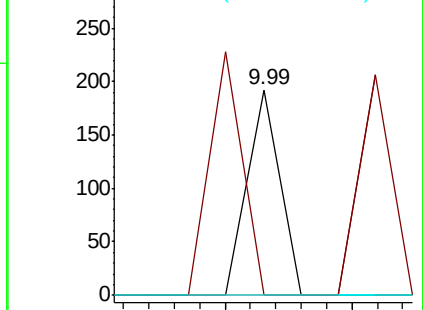


Abundance

Ion 139.00 (138.70 to 139.70): E

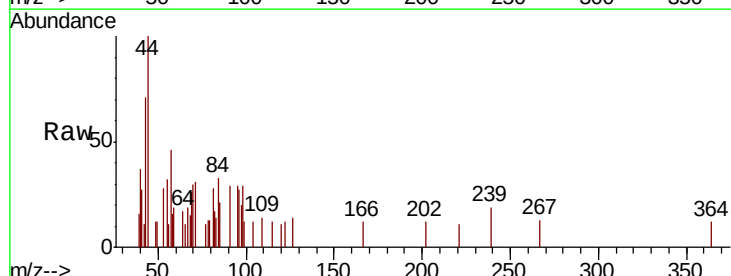
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#27
2,4-Dimethylphenol
Concen: 0.005 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	95.6	143.4#
121	0.0	47.7	71.5#

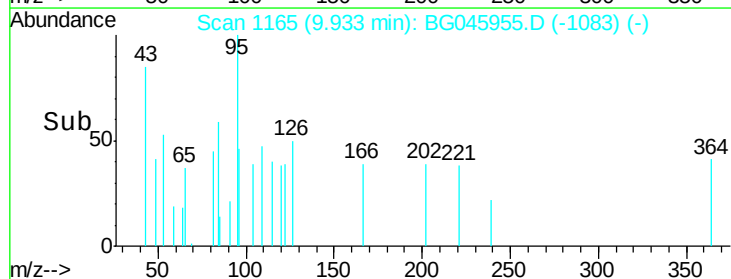
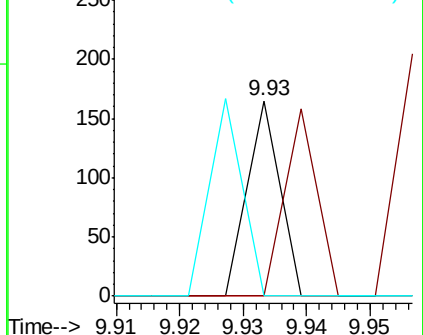


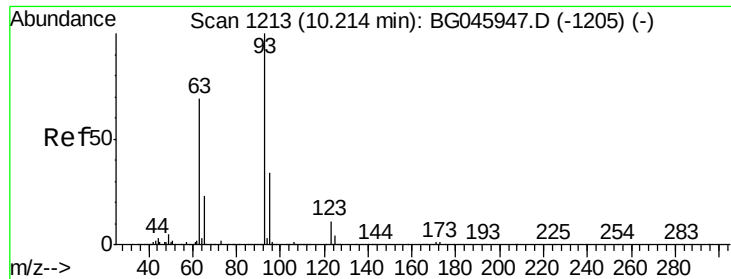
Abundance

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

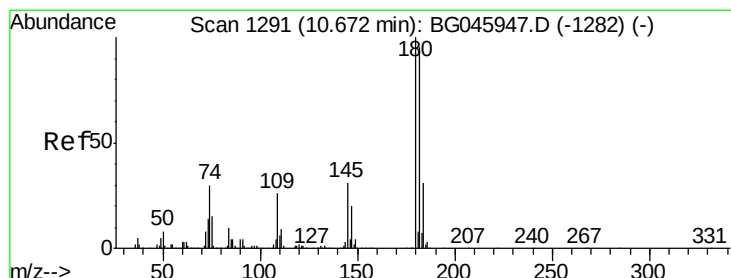
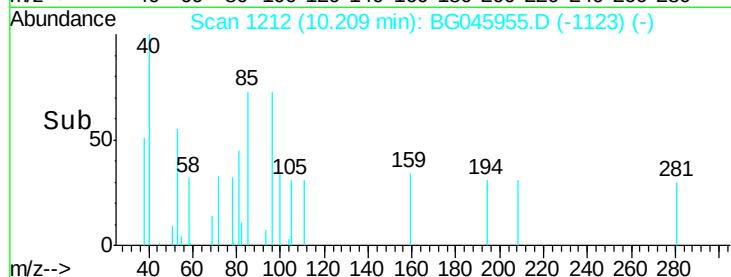
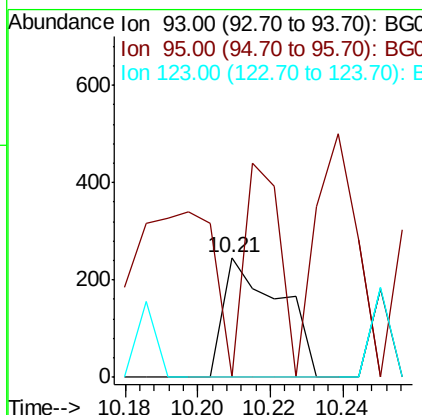
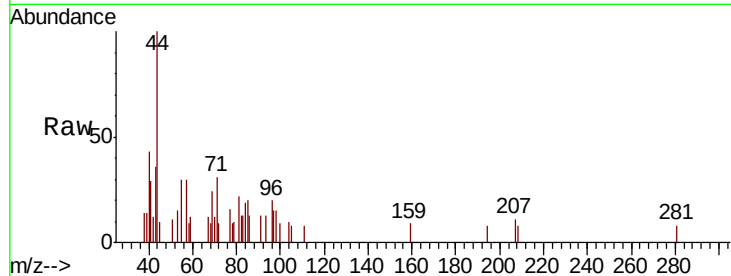




#28
 bis(2-Chloroethoxy)methane
 Concen: 0.013 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

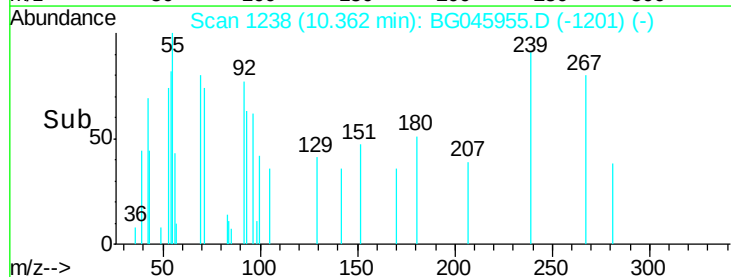
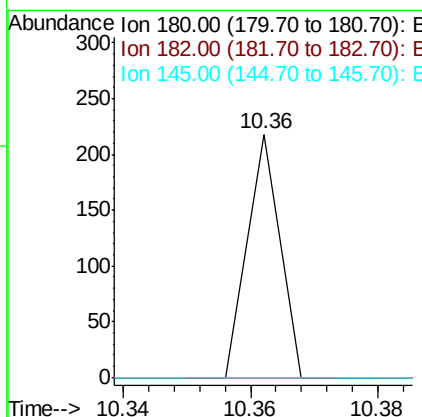
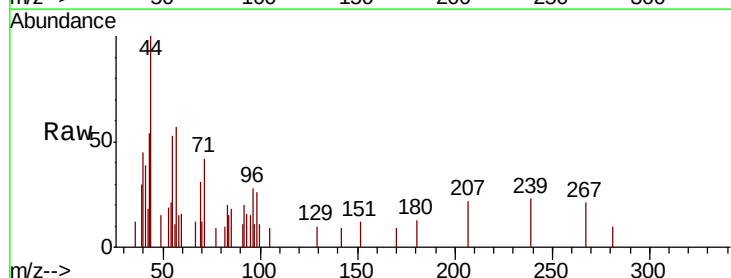
Instrument :
 BNA_G
 ClientSampleID :
 PB129897BL

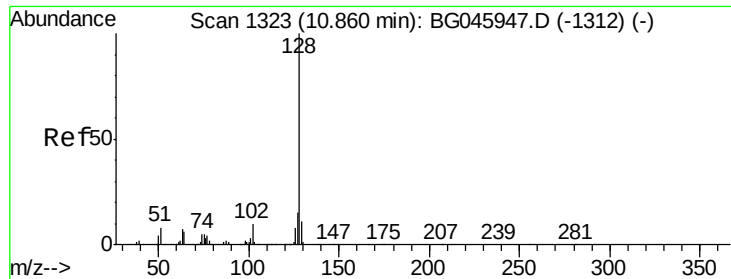
Tot Ion: 93 Resp: 265
 Ion Ratio Lower Upper
 93 100
 95 0.0 27.5 41.3#
 123 0.0 9.2 13.8#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.005 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.31 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Tgt Ion: 180 Resp: 77
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.3 114.5#
 145 0.0 24.8 37.2#

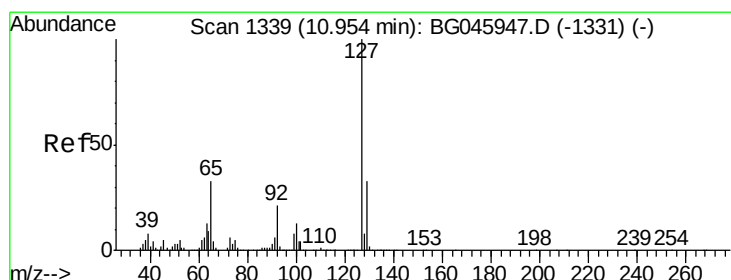
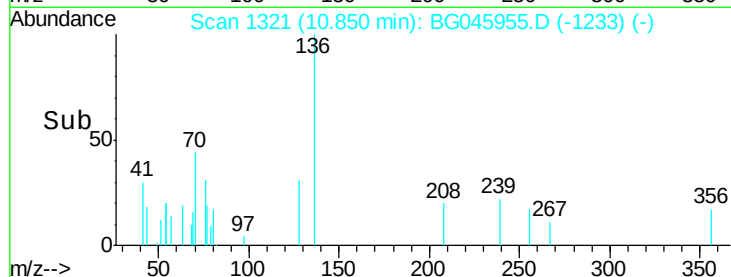
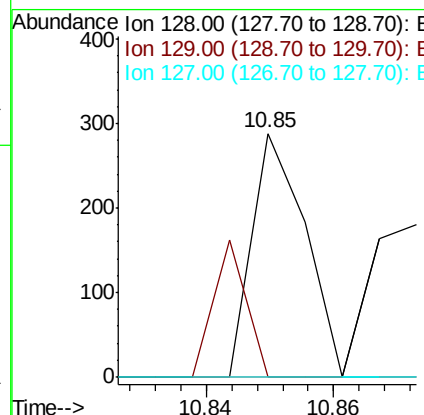
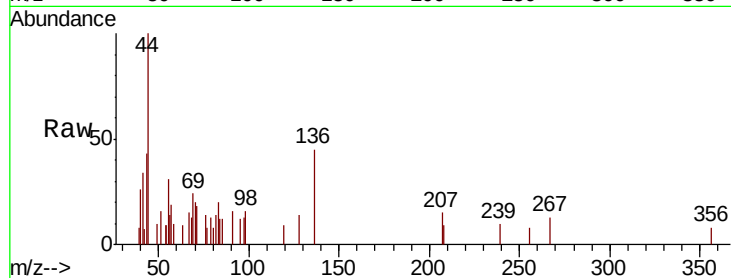




#31
Naphthalene
Concen: 0.004 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

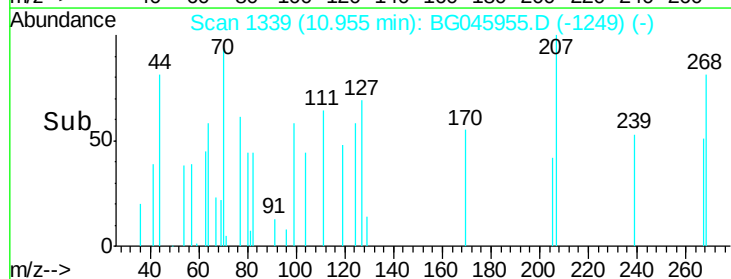
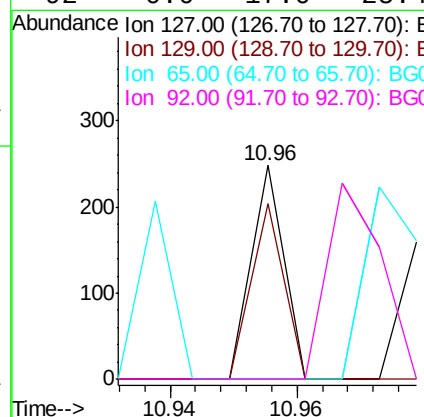
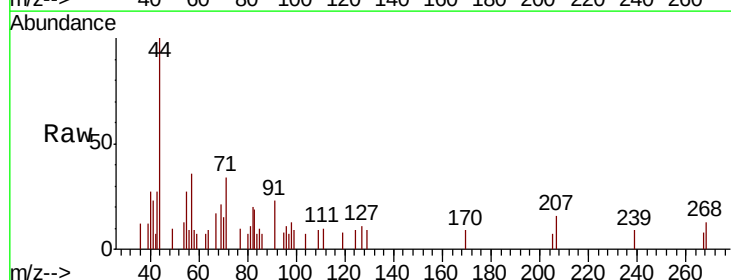
Instrument :
BNA_G
ClientSampleId :
PB129897BL

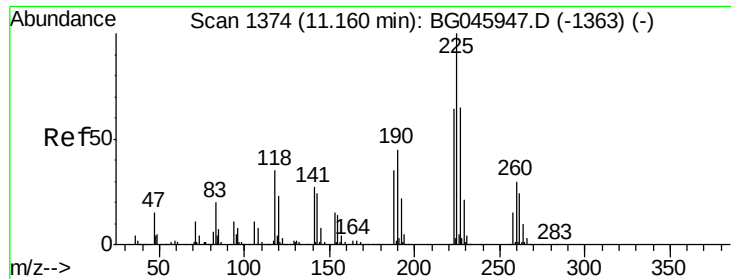
Tot Ion:128 Resp: 166
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 0.0 11.8 17.6#



#33
4-Chloroaniline
Concen: 0.004 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion:127 Resp: 87
Ion Ratio Lower Upper
127 100
129 82.3 26.6 39.8#
65 0.0 26.8 40.2#
92 0.0 17.0 25.4#





#34

Hexachlorobutadiene

Concen: 0.008 ng

RT: 11.54 min Scan# 1439

Delta R.T. 0.38 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampled :

PB129897BL

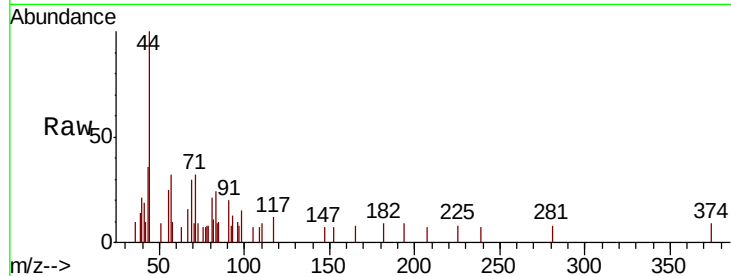
Tot Ion:225 Resp: 66

Ion Ratio Lower Upper

225 100

223 0.0 51.2 76.8#

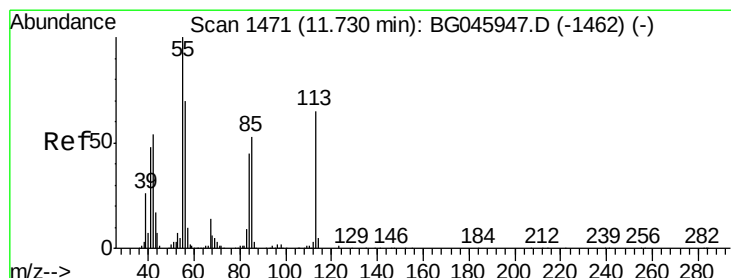
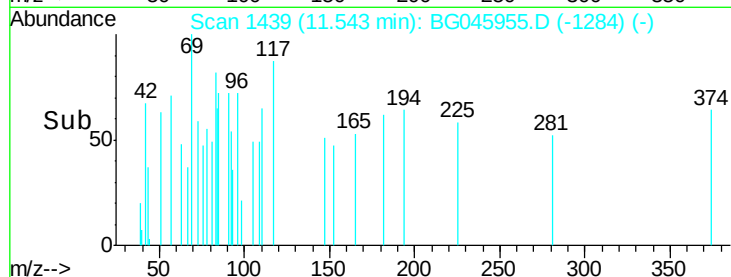
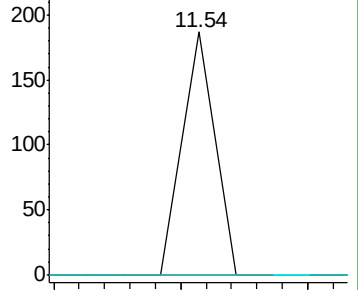
227 0.0 52.3 78.5#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.012 ng

RT: 11.82 min Scan# 1487

Delta R.T. 0.10 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

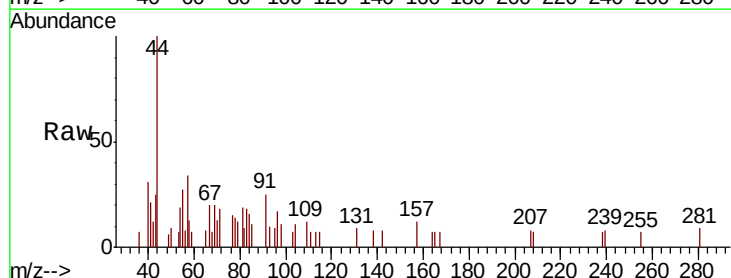
Tgt Ion:113 Resp: 57

Ion Ratio Lower Upper

113 100

55 398.8 141.6 181.6#

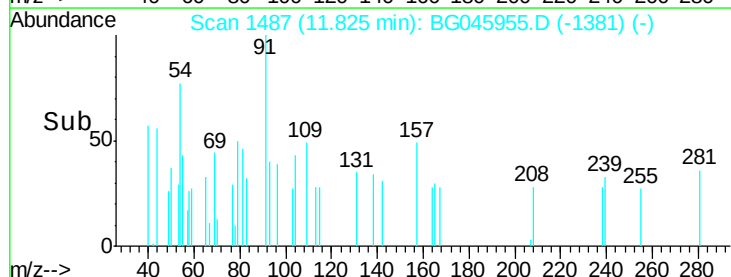
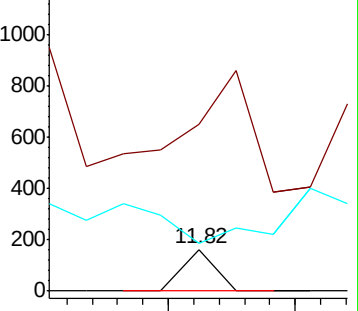
56 114.7 89.6 129.6

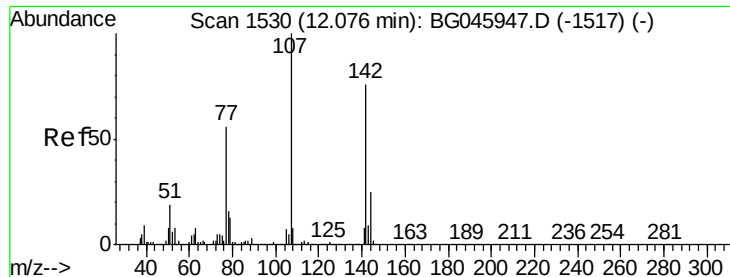


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

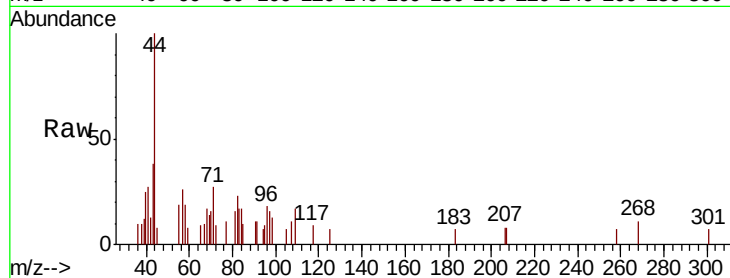




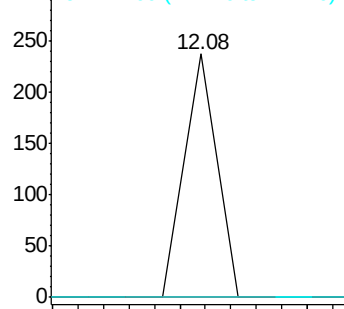
#36
 4-Chloro-3-methylphenol
 Concen: 0.006 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

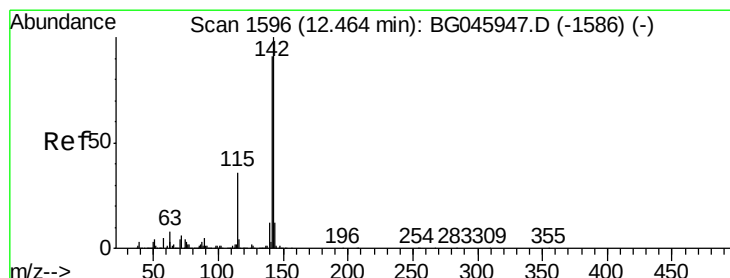
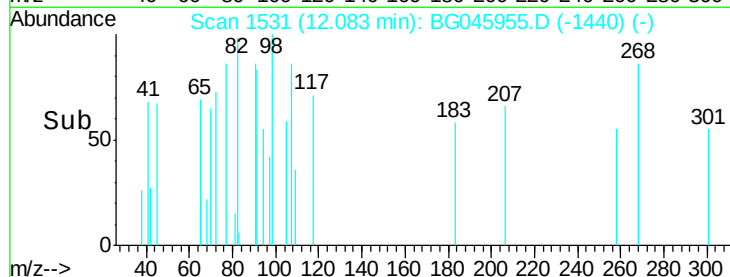
Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	0.0	61.1	91.7#



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

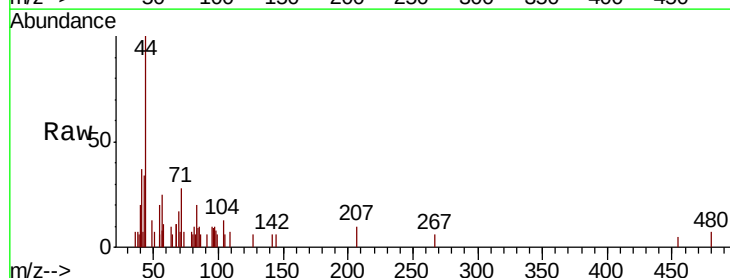


Time--> 12.06 12.08 12.10

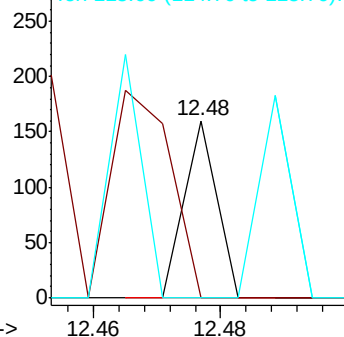


#37
 2-Methylnaphthalene
 Concen: 0.002 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

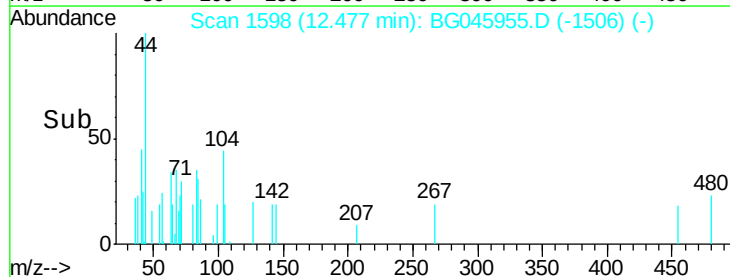
Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.0	109.6#
115	0.0	28.8	43.2#

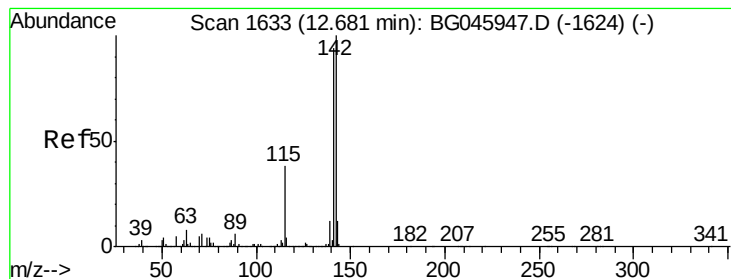


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



Time--> 12.46 12.48





#38

1-Methylnaphthalene

Concen: 0.002 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.07 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

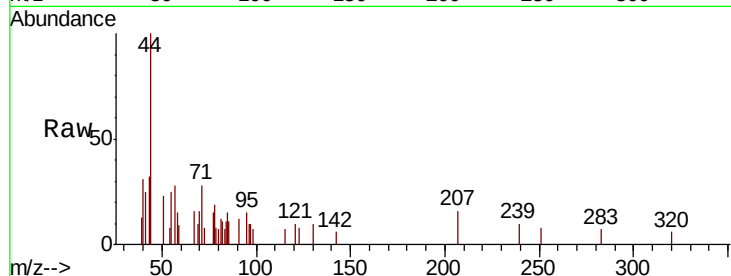
Tot Ion:142 Resp: 55

Ion Ratio Lower Upper

142 100

141 0.0 75.2 112.8#

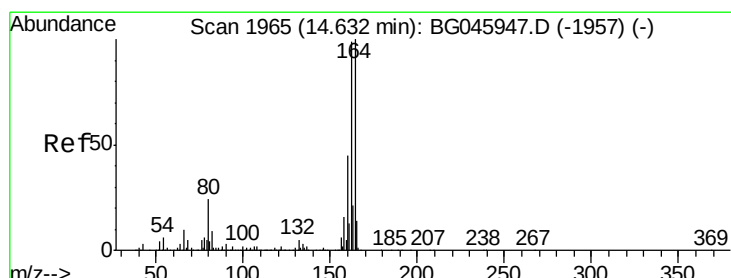
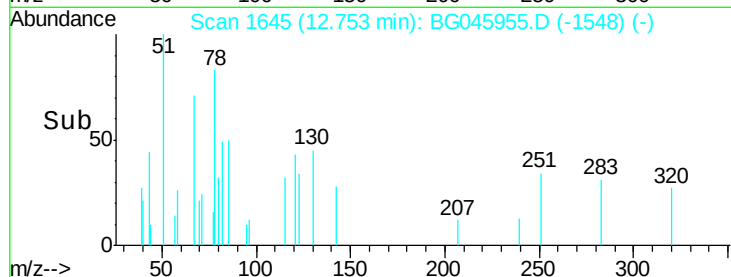
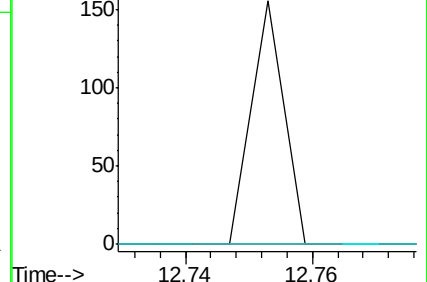
116 0.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

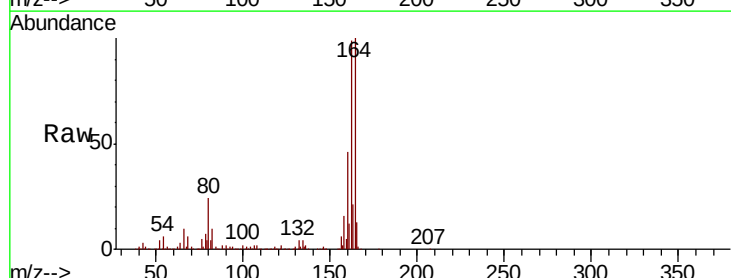
Tgt Ion:164 Resp: 511449

Ion Ratio Lower Upper

164 100

162 99.2 79.3 118.9

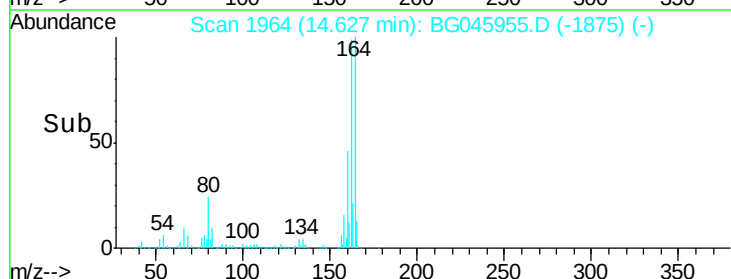
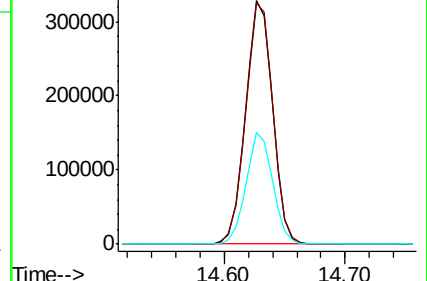
160 46.2 35.7 53.5

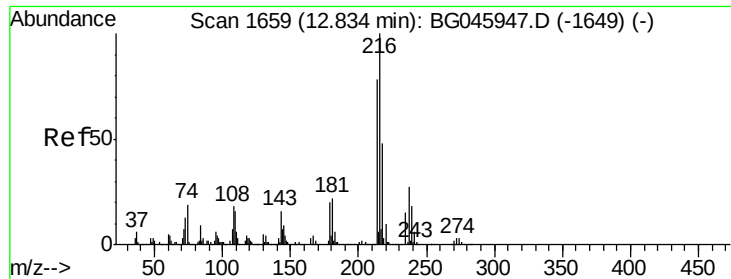


Abundance Ion 164.00 (163.70 to 164.70): E

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: 0.004 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.16 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

Tot Ion:216 Resp: 55

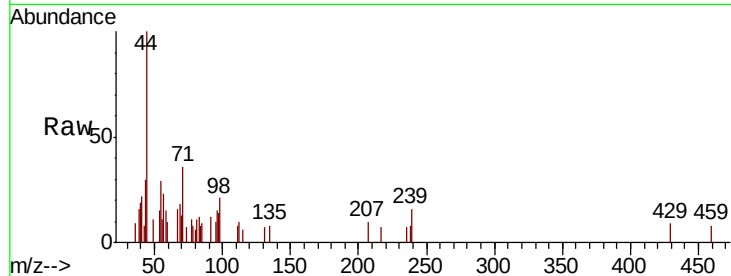
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 17.3 25.9#

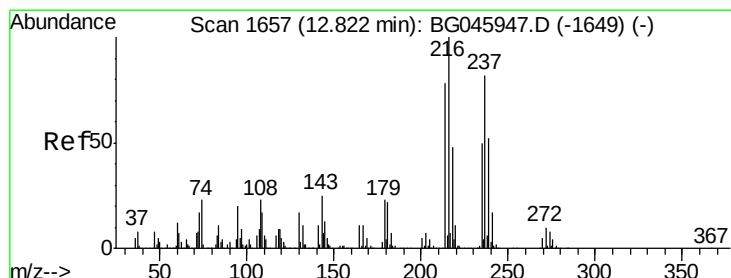
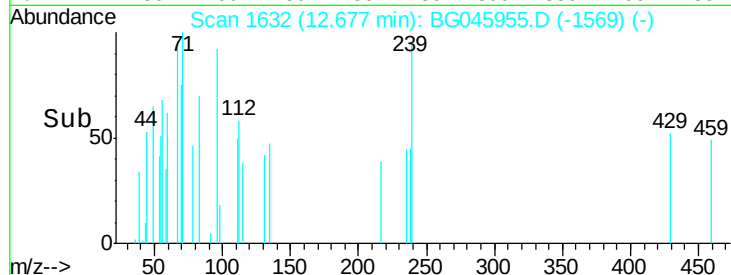
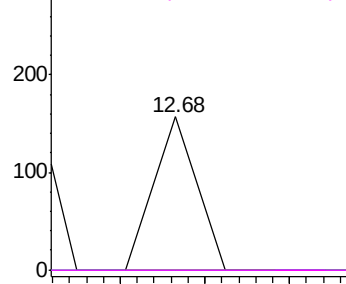


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.007 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.10 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

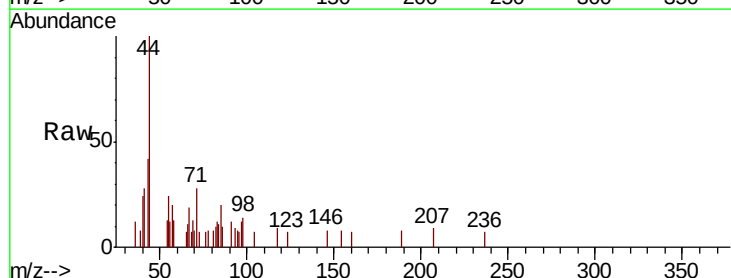
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 41.5 81.5#

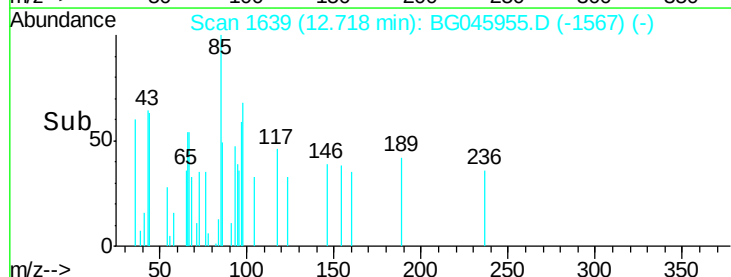
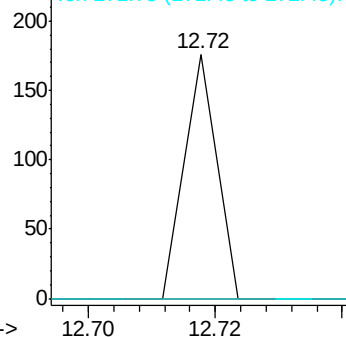
272 0.0 0.0 31.7

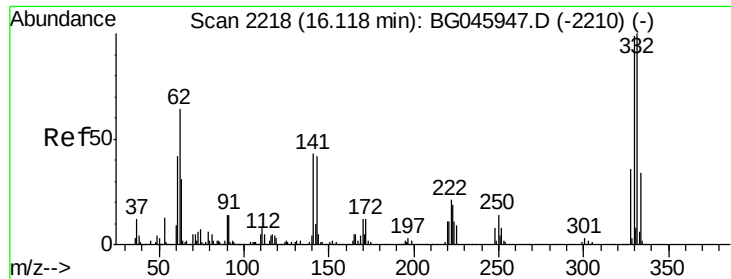


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 122.605 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

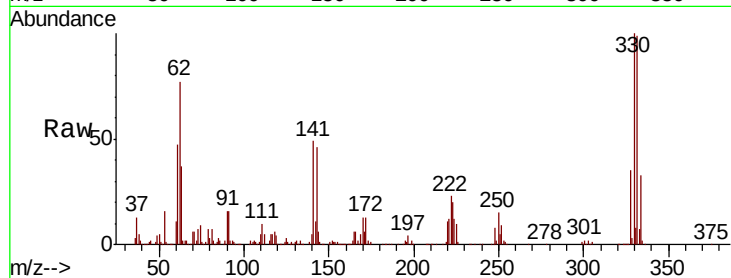
Tot Ion:330 Resp: 581978

Ion Ratio Lower Upper

330 100

332 97.6 78.3 117.5

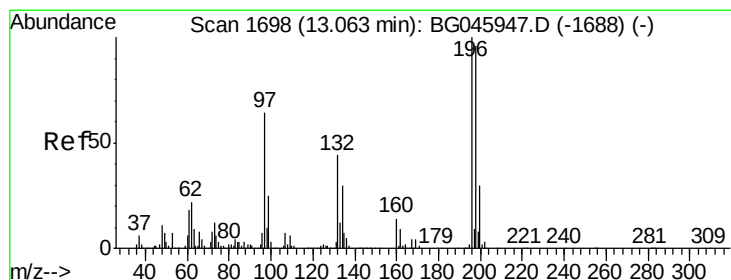
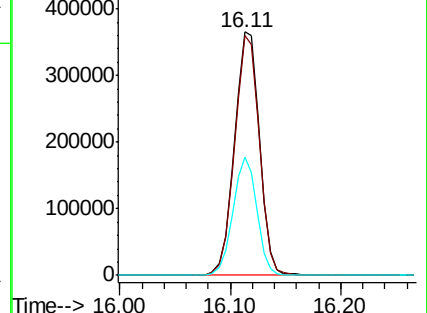
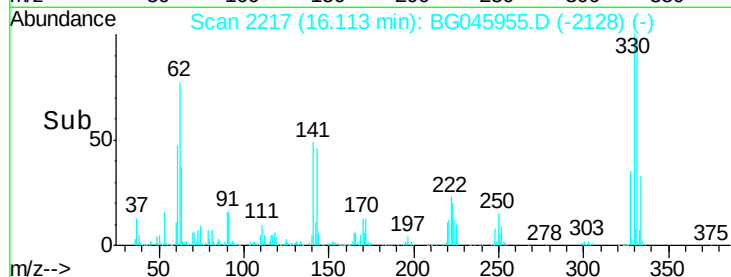
141 46.3 36.6 54.8



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: 0.007 ng

RT: 13.46 min Scan# 1765

Delta R.T. 0.39 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

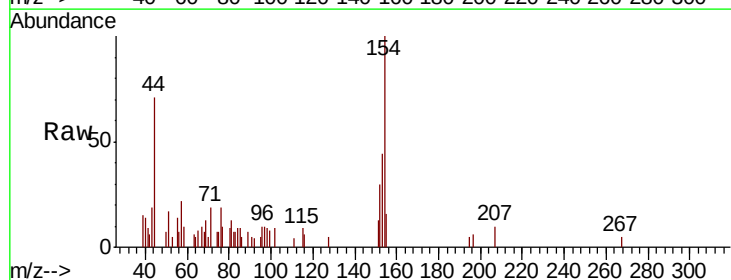
Tgt Ion:196 Resp: 69

Ion Ratio Lower Upper

196 100

198 0.0 76.7 115.1#

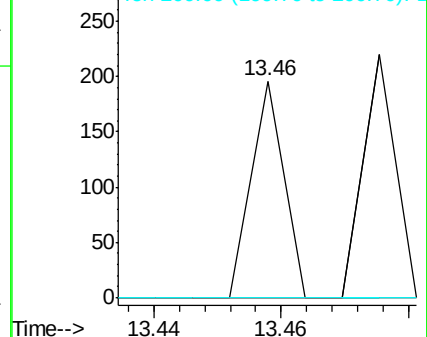
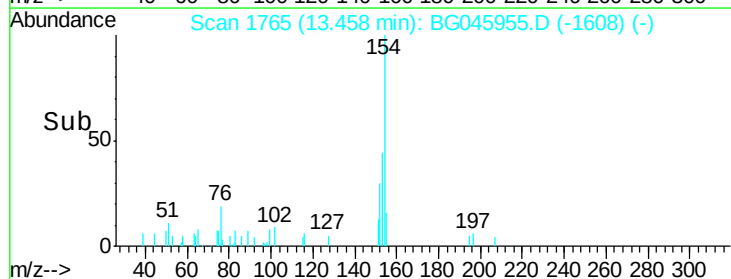
200 0.0 24.3 36.5#

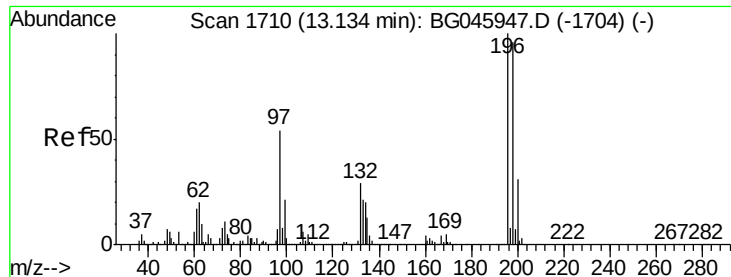


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

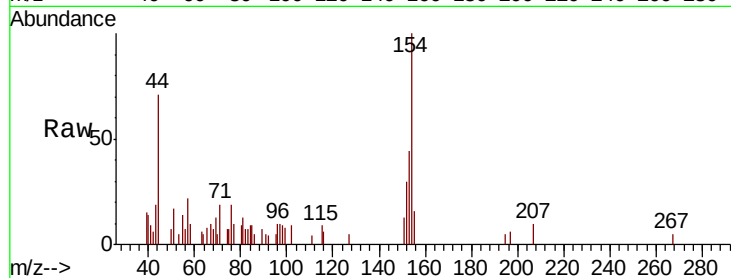




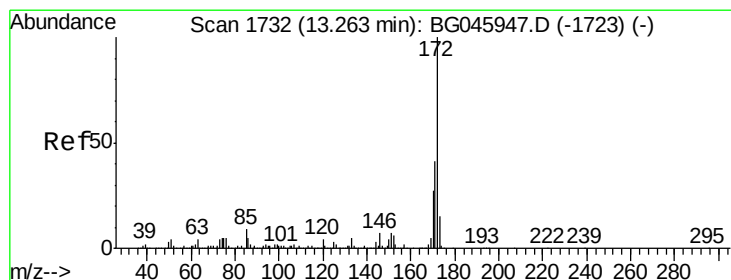
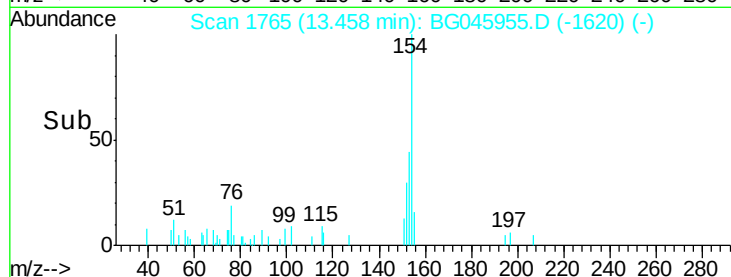
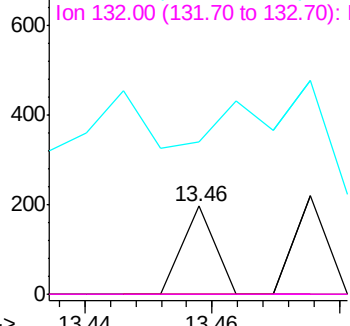
#44
2,4,5-Trichlorophenol
Concen: 0.006 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.32 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Instrument :
BNA_G
ClientSampleId :
PB129897BL

Tot Ion:196 Resp: 69
Ion Ratio Lower Upper
196 100
198 0.0 77.0 115.6#
97 173.5 44.3 66.5#
132 0.0 23.1 34.7#

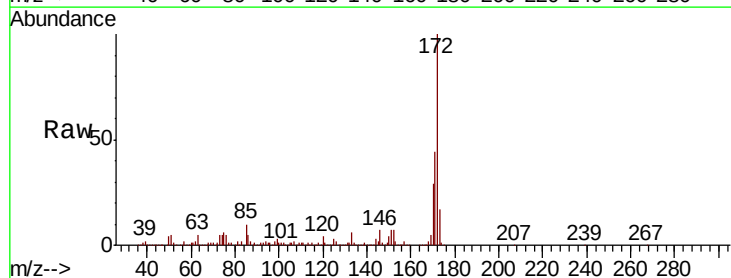


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

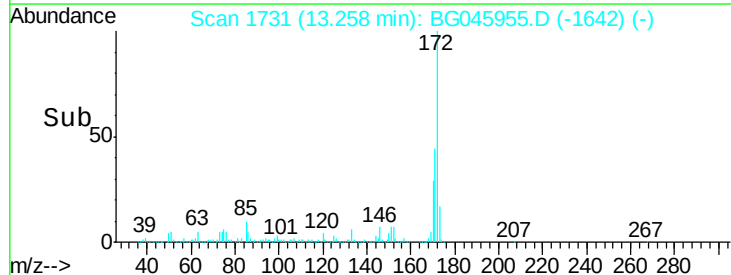
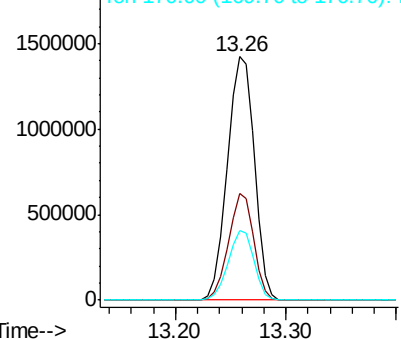


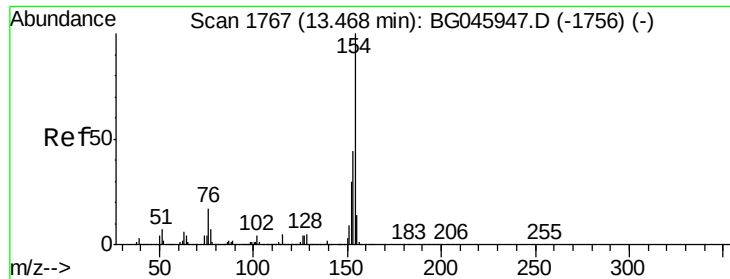
#45
2-Fluorobiphenyl
Concen: 74.653 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion:172 Resp: 2447795
Ion Ratio Lower Upper
172 100
171 43.6 32.9 49.3
170 28.6 21.8 32.6



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

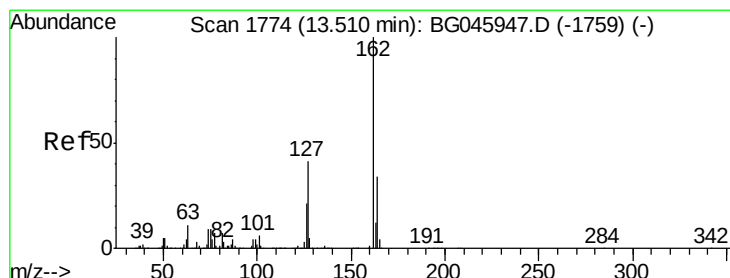
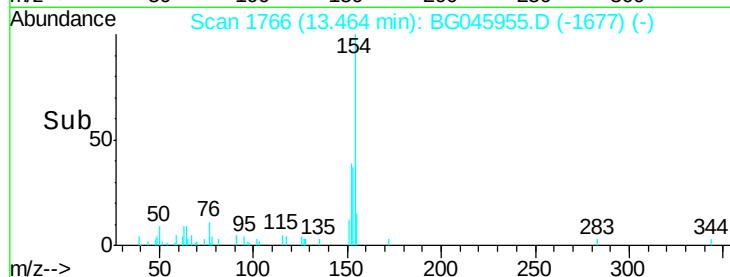
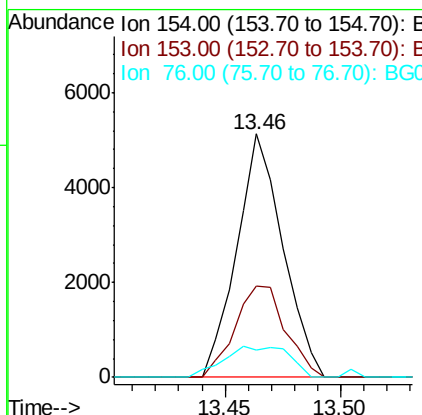
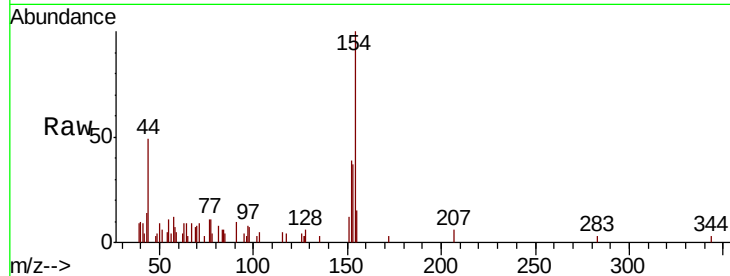




#46
 1,1'-Biphenyl
 Concen: 0.185 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

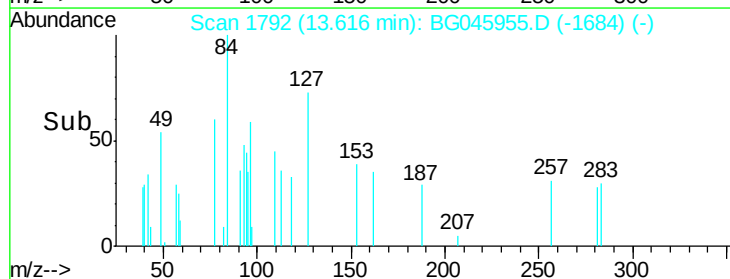
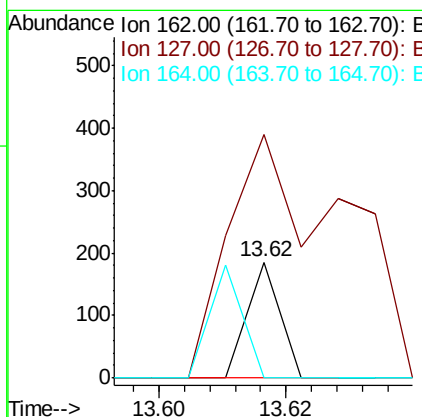
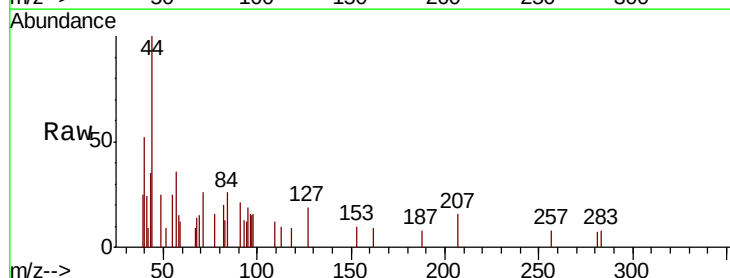
Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

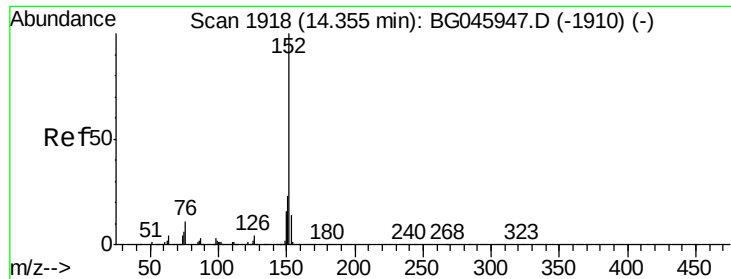
Tot Ion	Ratio	Lower	Upper
154	100		
153	37.3	23.6	63.6
76	11.4	0.0	36.9



#47
 2-Chloronaphthalene
 Concen: 0.002 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.11 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	209.7	32.5	48.7#
164	0.0	27.2	40.8#





#49

Acenaphthylene

Concen: 0.003 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

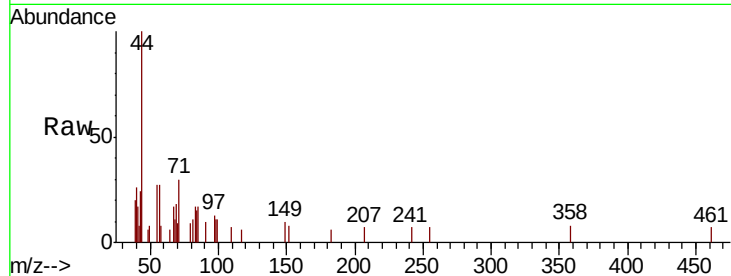
Tot Ion:152 Resp: 141

Ion Ratio Lower Upper

152 100

151 0.0 18.1 27.1#

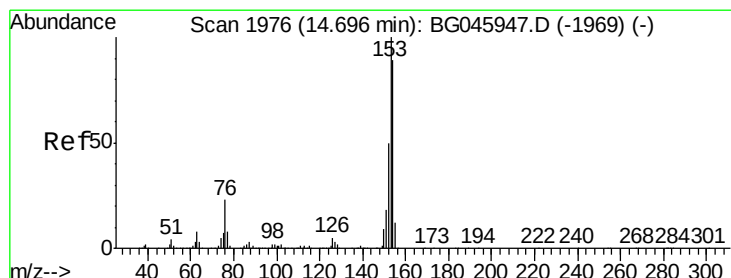
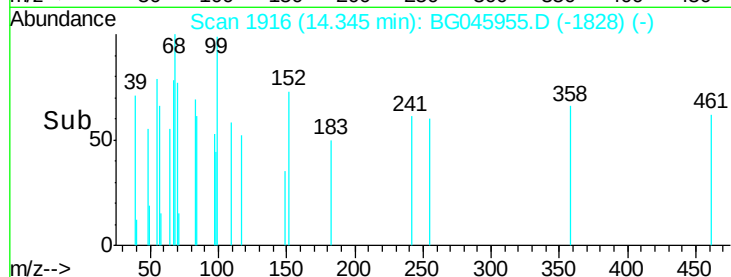
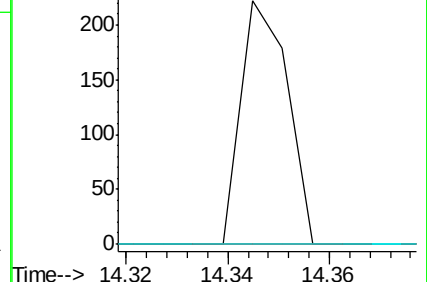
153 0.0 11.5 17.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 0.002 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

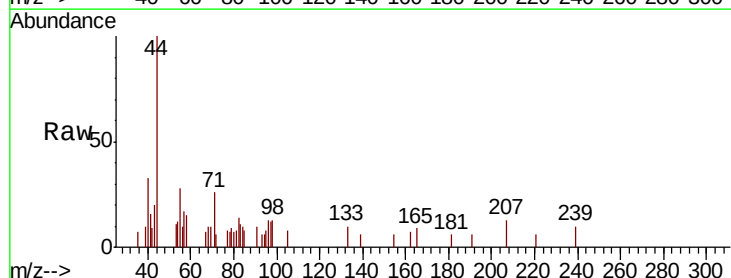
Tgt Ion:154 Resp: 56

Ion Ratio Lower Upper

154 100

153 0.0 89.7 134.5#

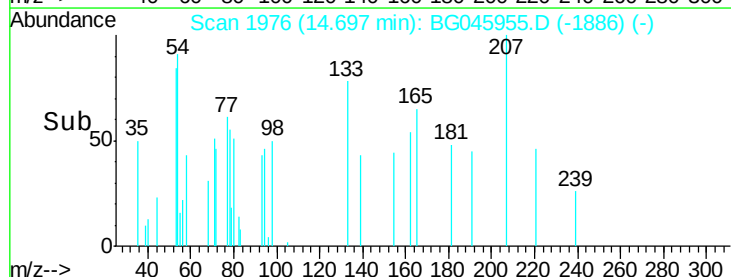
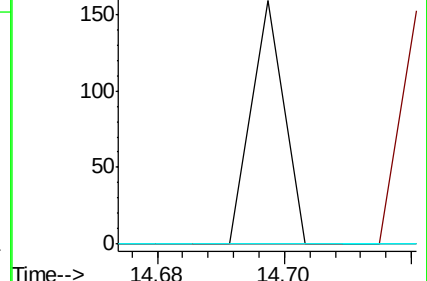
152 0.0 44.7 67.1#

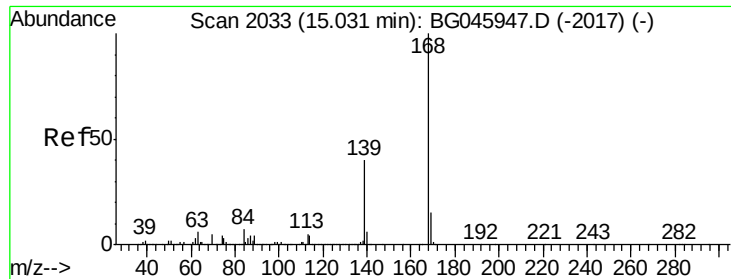


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.001 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.41 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

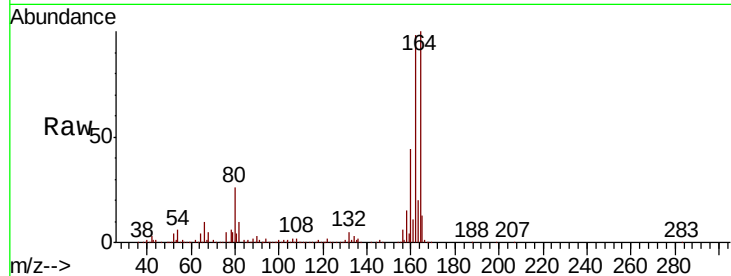
Tot Ion:168 Resp: 59

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

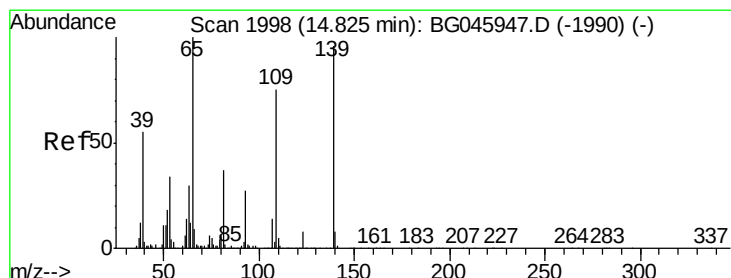
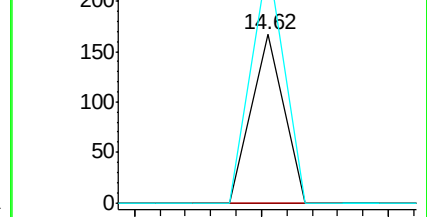
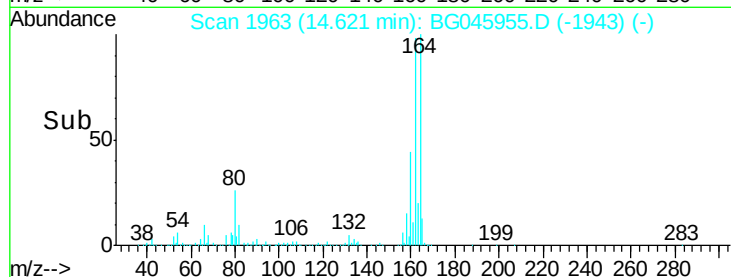
169 144.9 11.8 17.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.019 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.12 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

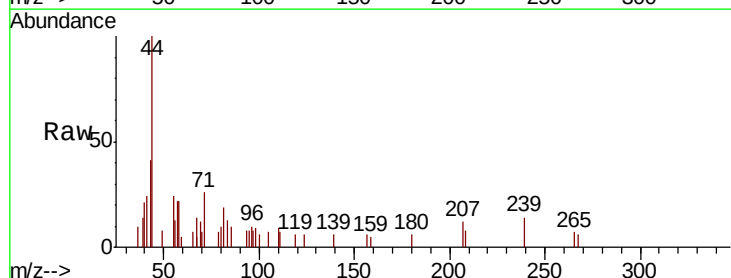
Tgt Ion:139 Resp: 119

Ion Ratio Lower Upper

139 100

109 0.0 58.5 98.5#

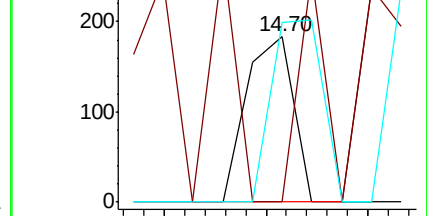
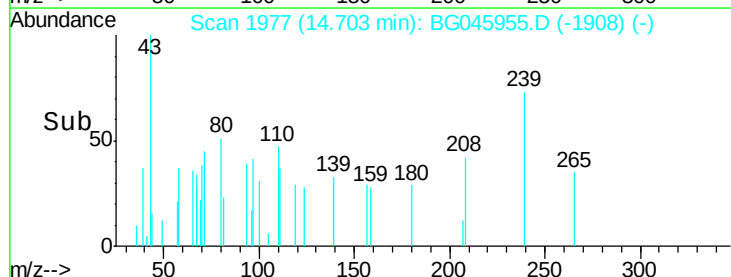
65 108.7 84.7 124.7

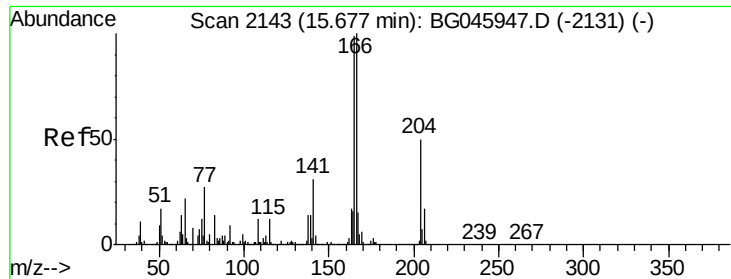


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#58

Fluorene

Concen: 0.841 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.44 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

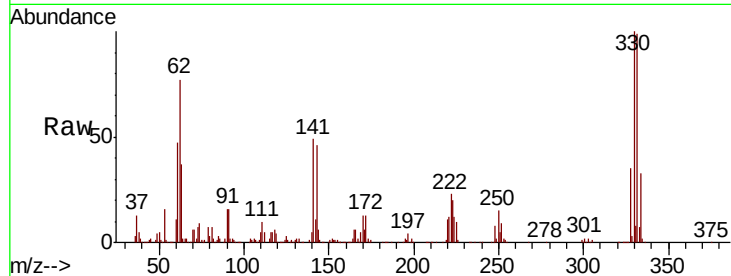
Tot Ion:166 Resp: 31243

Ion Ratio Lower Upper

166 100

165 103.7 78.9 118.3

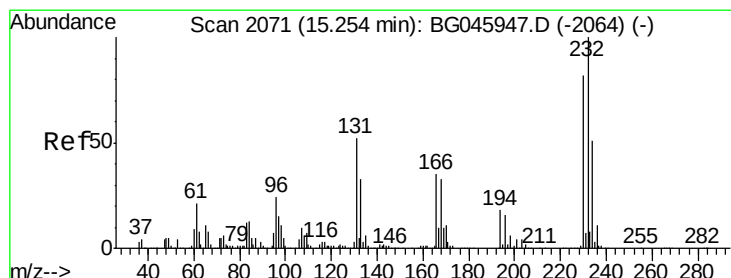
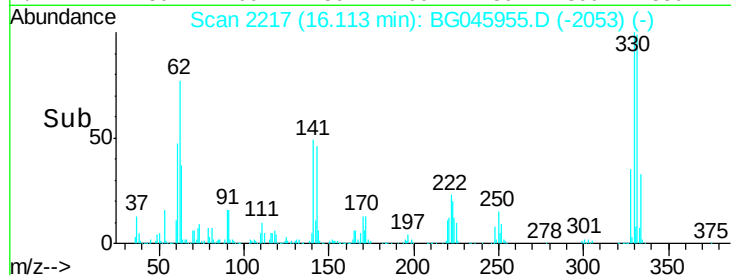
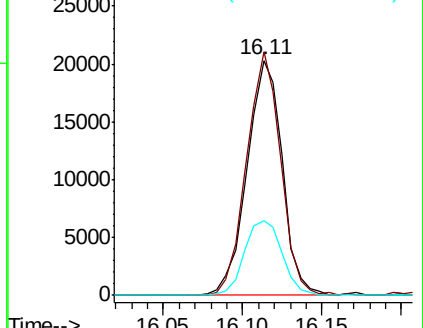
167 31.9 12.1 18.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.007 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.08 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Tgt Ion:232 Resp: 56

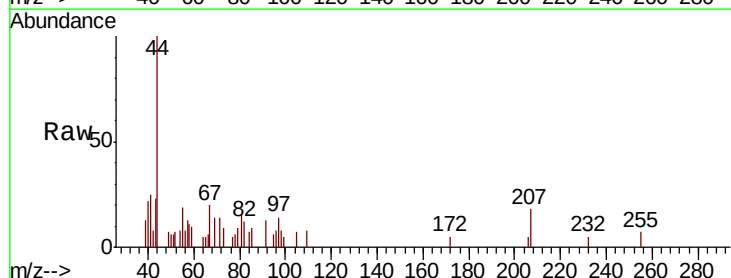
Ion Ratio Lower Upper

232 100

131 0.0 35.8 53.6#

130 0.0 2.5 3.7#

166 0.0 21.8 32.8#

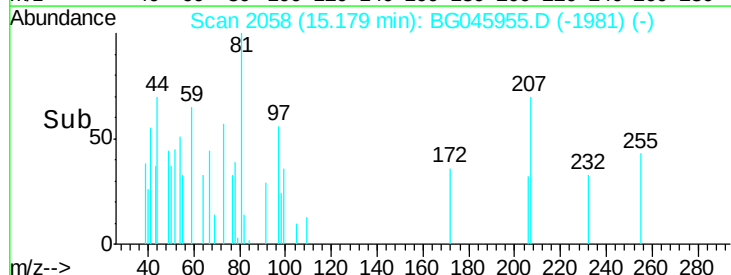
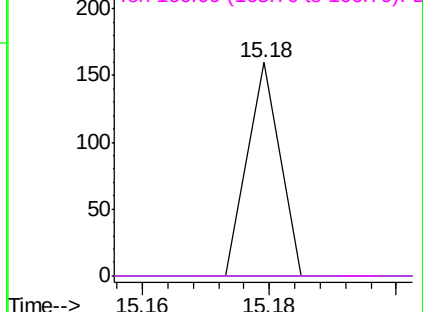


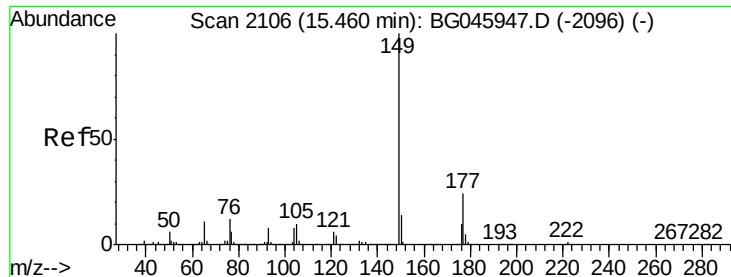
Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.011 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

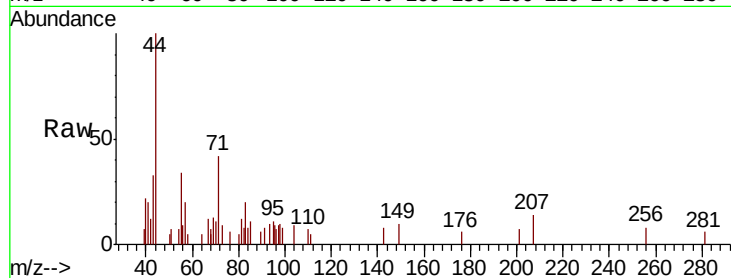
Tot Ion:149 Resp: 440

Ion Ratio Lower Upper

149 100

177 0.0 19.0 28.4#

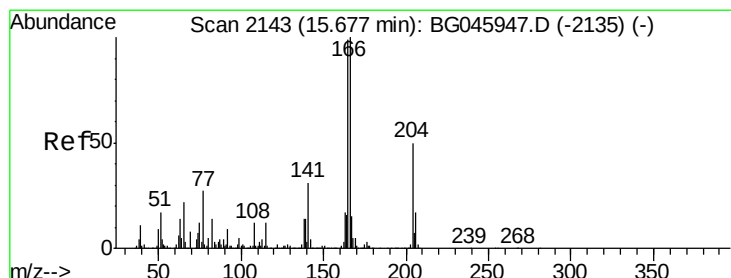
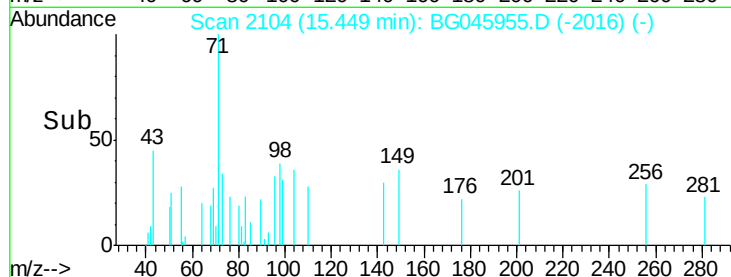
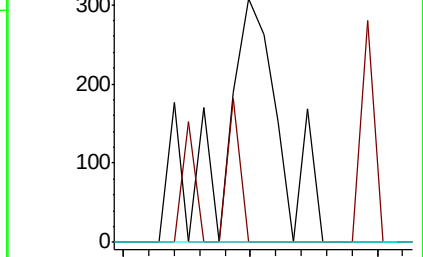
150 0.0 11.0 16.4#



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: 0.006 ng

RT: 15.73 min Scan# 2151

Delta R.T. 0.05 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

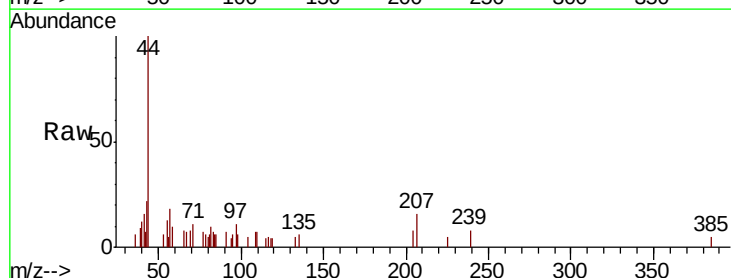
Tgt Ion:204 Resp: 110

Ion Ratio Lower Upper

204 100

206 0.0 27.1 40.7#

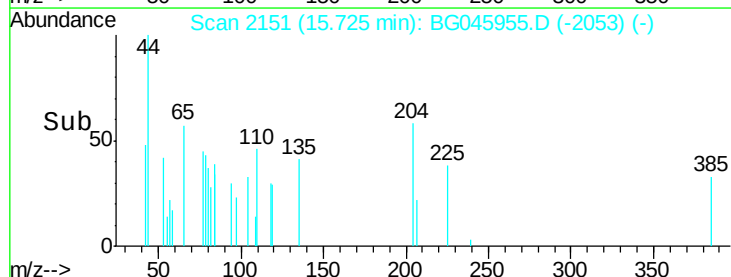
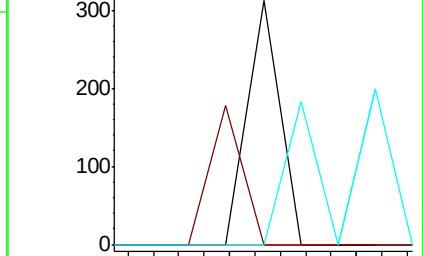
141 0.0 49.8 74.8#

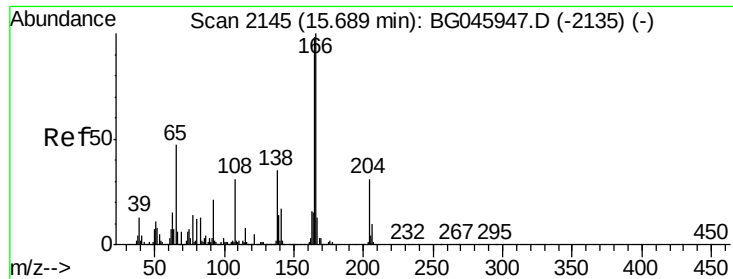


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 0.007 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.06 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

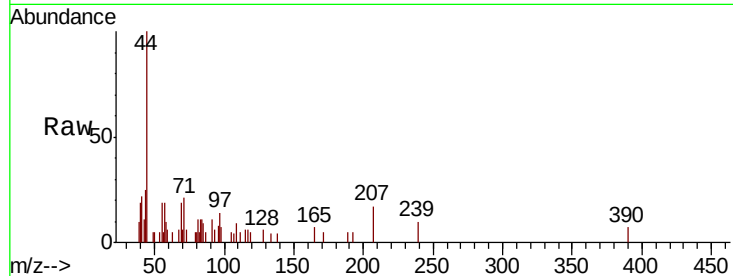
Tot Ion:138 Resp: 53

Ion Ratio Lower Upper

138 100

92 0.0 40.3 80.3#

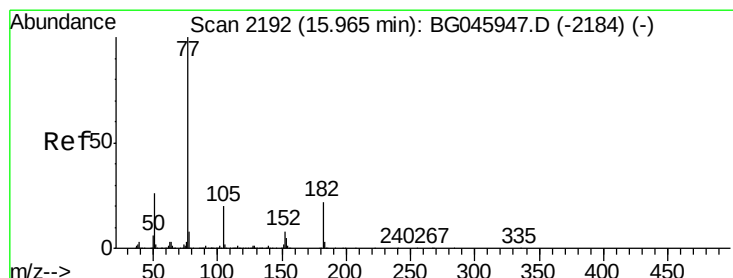
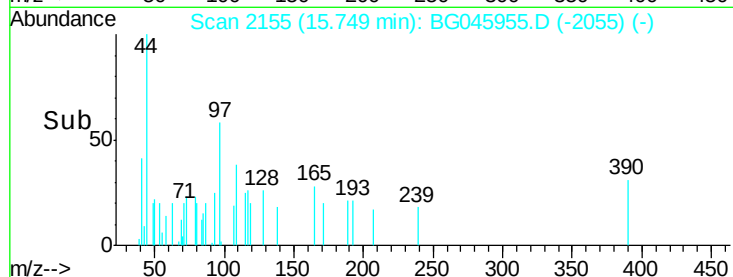
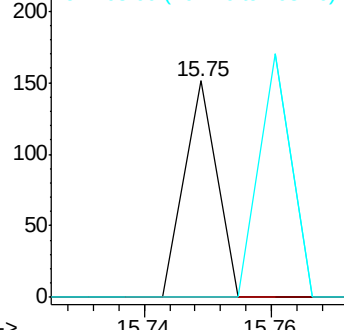
108 0.0 68.0 108.0#



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: 0.010 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Tgt Ion: 77 Resp: 453

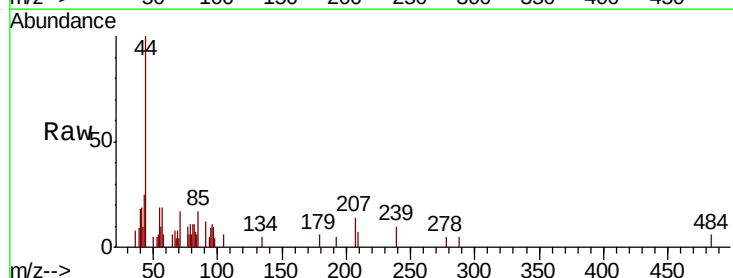
Ion Ratio Lower Upper

77 100

182 0.0 2.4 42.4#

105 62.5 0.3 40.3#

51 0.0 6.3 46.3#

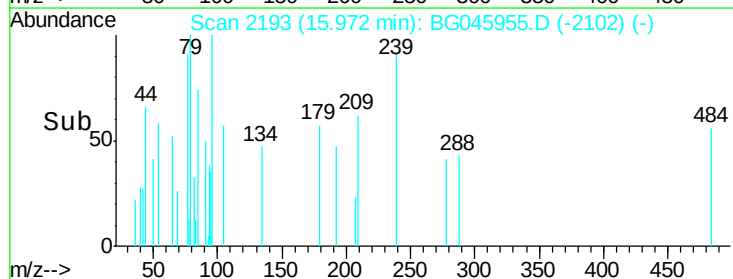
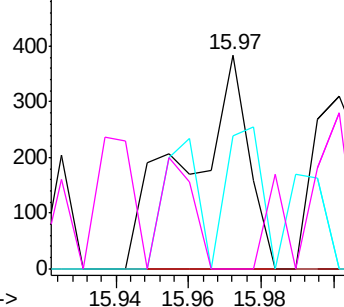


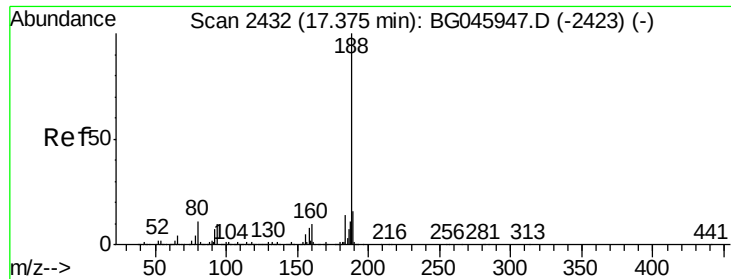
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

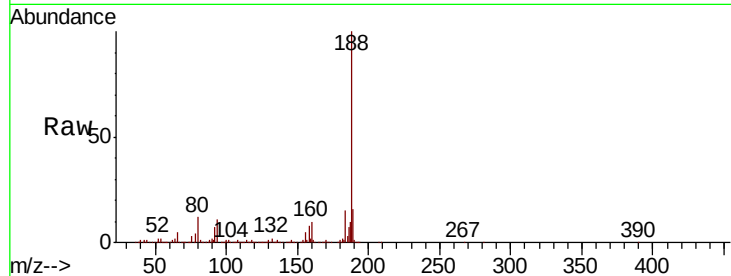
Tot Ion:188 Resp: 1042549

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

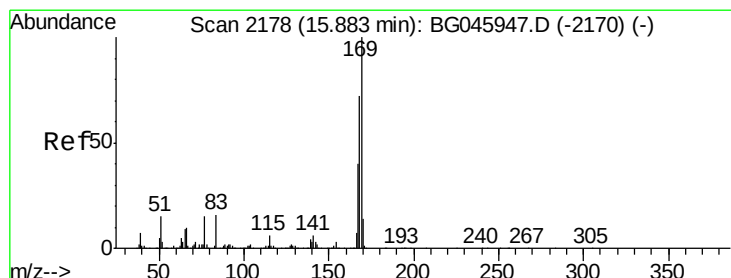
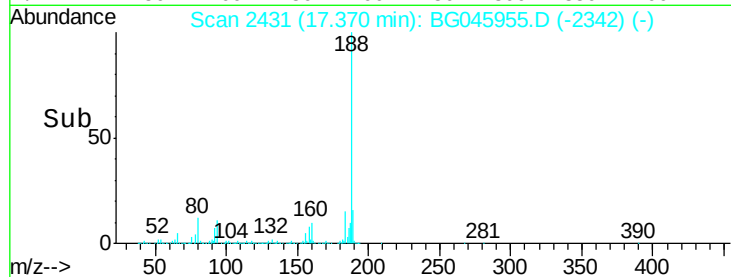
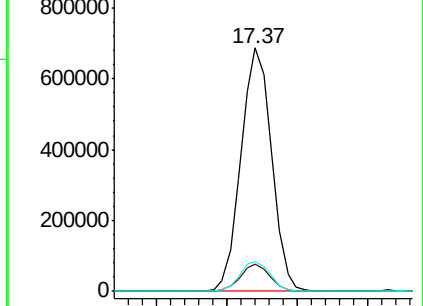
80 12.4 9.0 13.6



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



#66

n-Nitrosodiphenylamine

Concen: 0.802 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.23 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

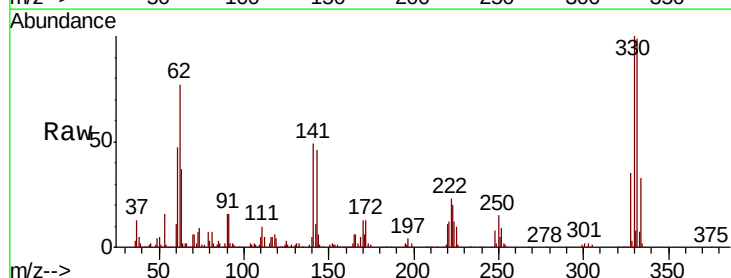
Tgt Ion:169 Resp: 25918

Ion Ratio Lower Upper

169 100

168 8.6 57.3 85.9#

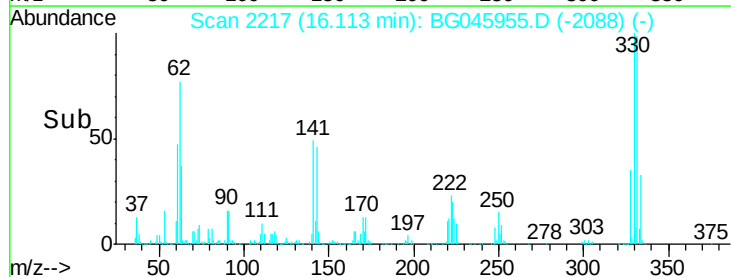
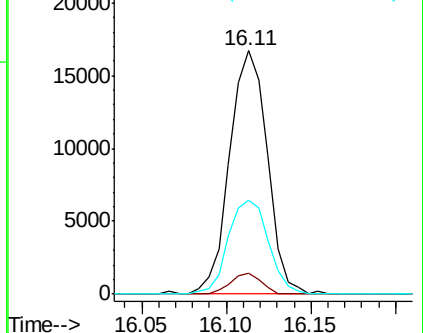
167 38.7 32.1 48.1

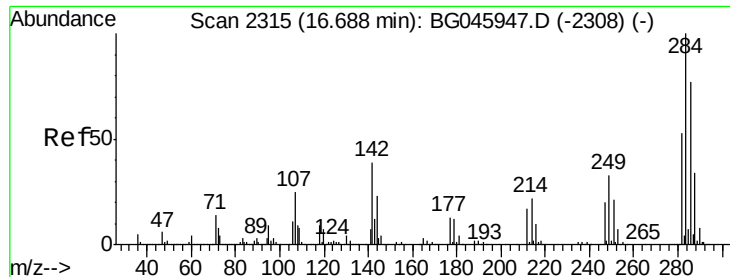


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Hexachlorobenzene

Concen: 0.009 ng

RT: 16.66 min Scan# 2310

Delta R.T. -0.03 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

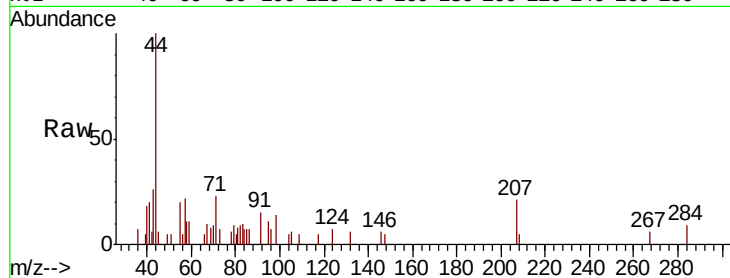
Tot Ion:284 Resp: 105

Ion Ratio Lower Upper

284 100

142 0.0 31.3 46.9#

249 0.0 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

16.66

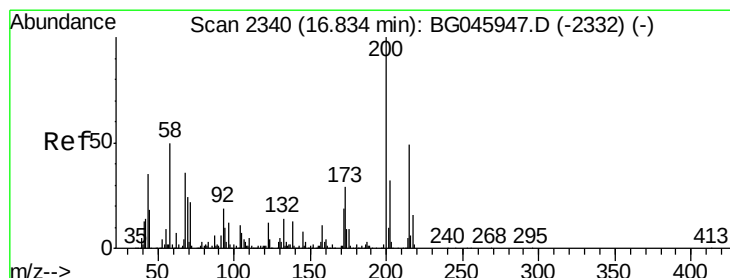
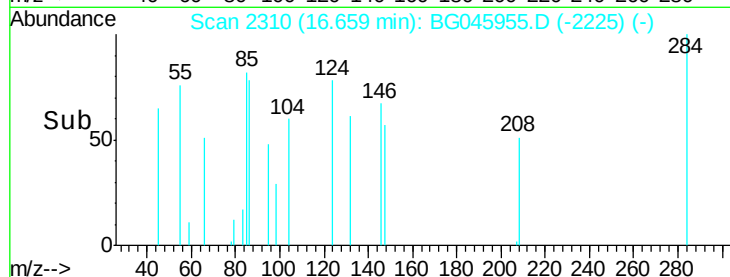
300

200

100

0

Time--> 16.64 16.66



#69

Atrazine

Concen: 0.006 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.07 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

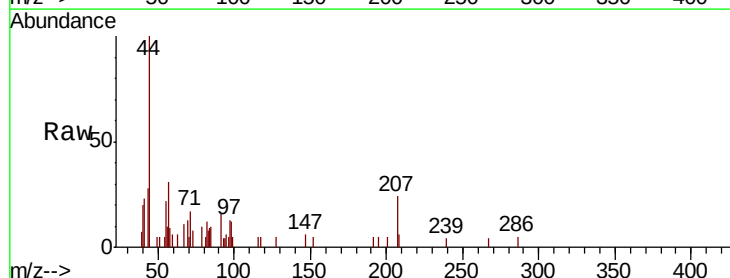
Tgt Ion:200 Resp: 59

Ion Ratio Lower Upper

200 100

173 0.0 9.1 49.1#

215 0.0 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

16.91

300

250

200

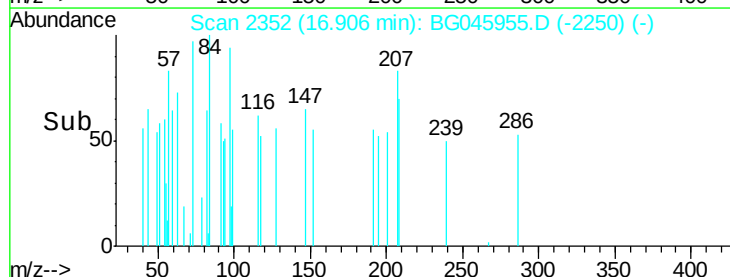
150

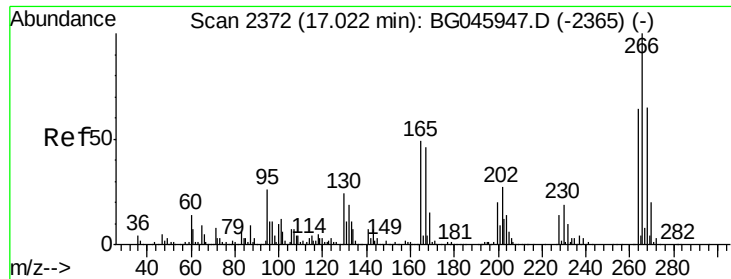
100

50

0

Time--> 16.90 16.92





#70

Pentachlorophenol

Concen: 0.010 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

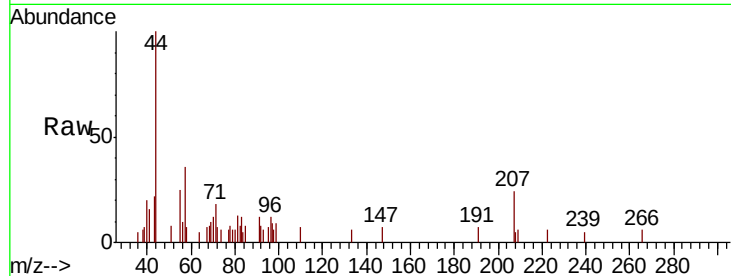
Tot Ion:266 Resp: 66

Ion Ratio Lower Upper

266 100

268 0.0 51.8 77.8#

264 0.0 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

250

200

150

100

50

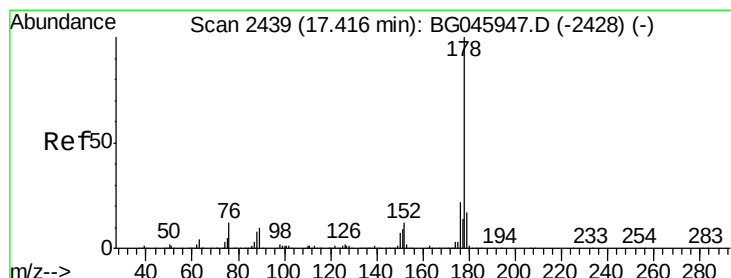
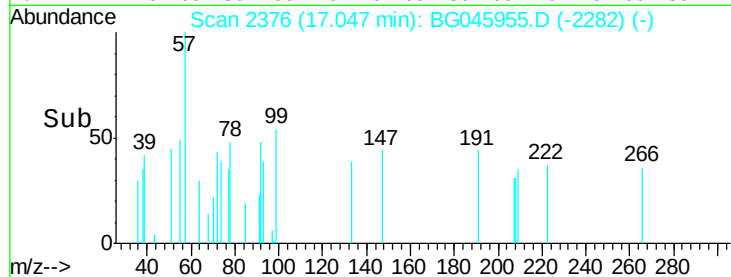
0

17.05

17.04

17.06

Time-->



#71

Phenanthrene

Concen: 0.002 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

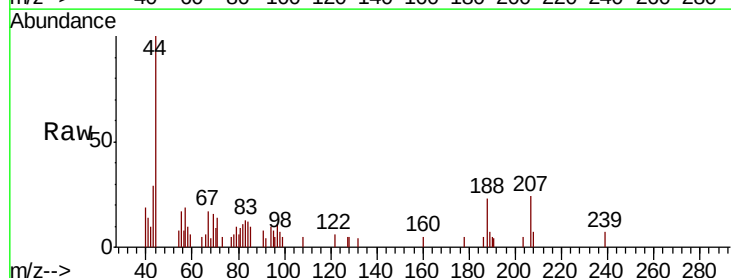
Tgt Ion:178 Resp: 133

Ion Ratio Lower Upper

178 100

176 0.0 17.4 26.2#

179 0.0 13.4 20.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

250

200

150

100

50

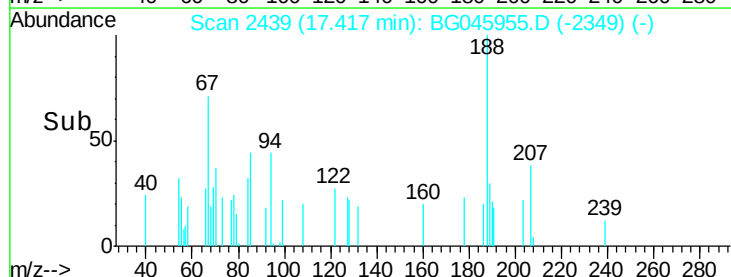
0

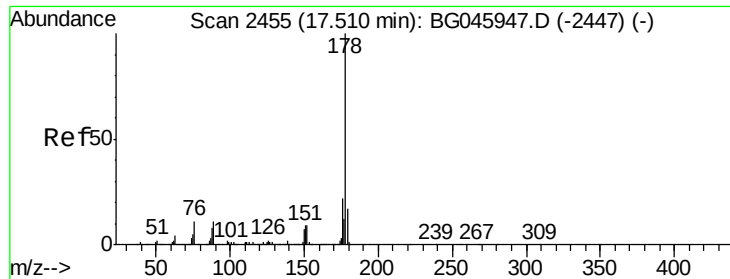
17.42

17.40

17.44

Time-->





#72

Anthracene

Concen: 0.003 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

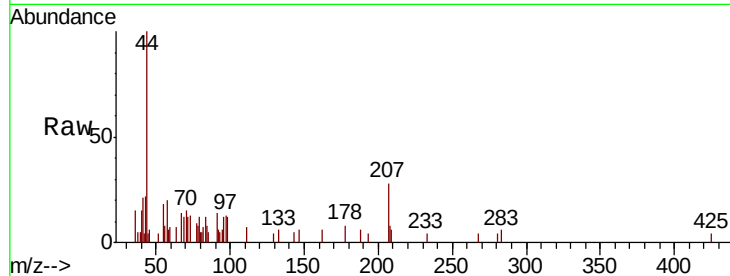
Tot Ion:178 Resp: 158

Ion Ratio Lower Upper

178 100

176 0.0 17.2 25.8#

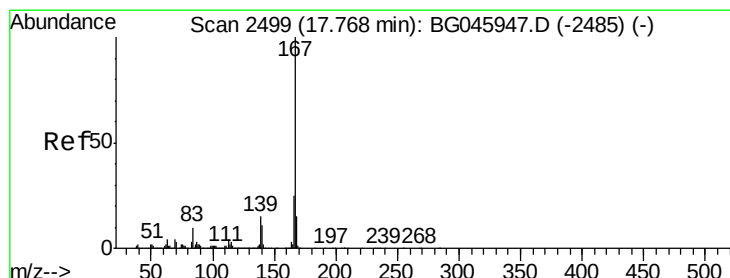
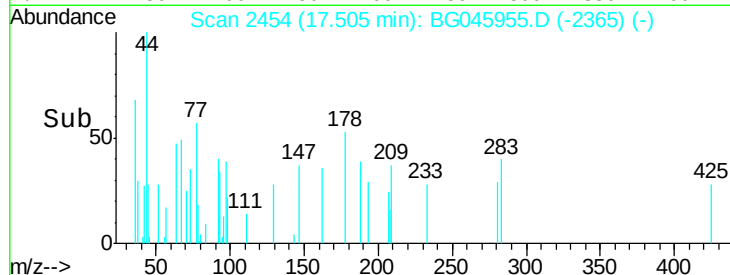
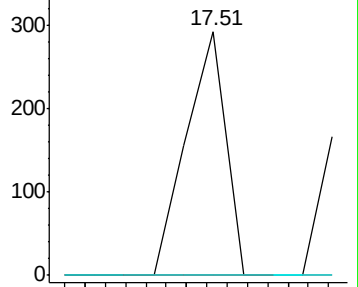
179 0.0 14.0 21.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.003 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

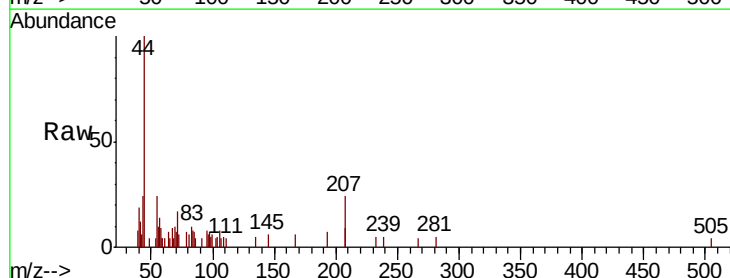
Tgt Ion:167 Resp: 160

Ion Ratio Lower Upper

167 100

166 0.0 20.4 30.6#

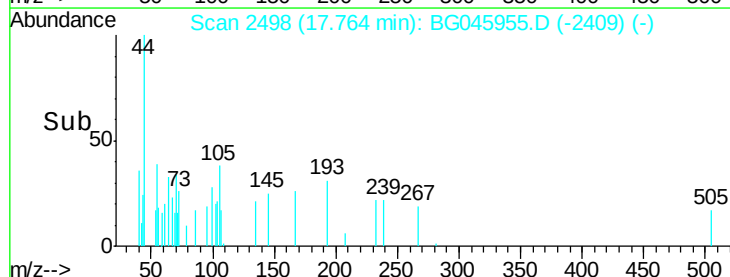
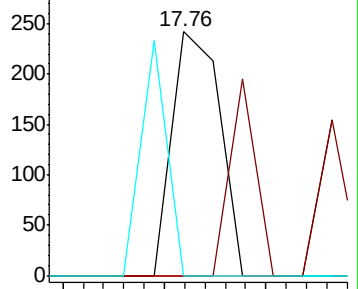
139 0.0 11.8 17.8#

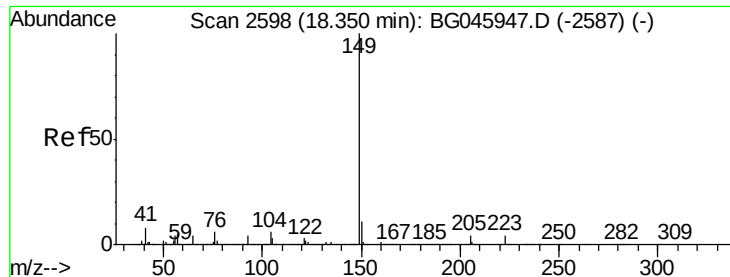


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.020 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

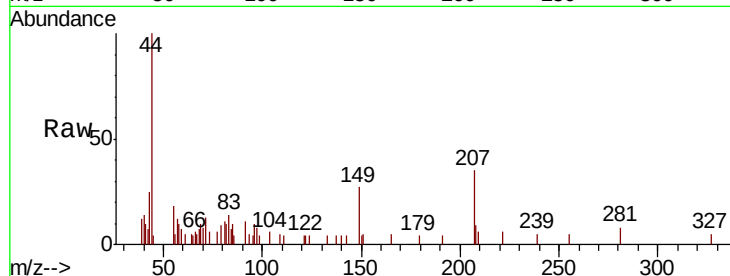
Tot Ion:149 Resp: 1322

Ion Ratio Lower Upper

149 100

150 15.0 9.0 13.4#

104 23.8 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1500

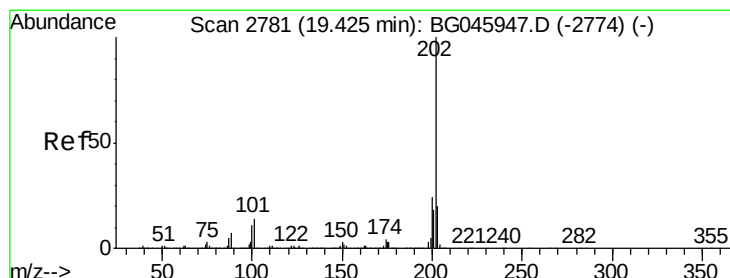
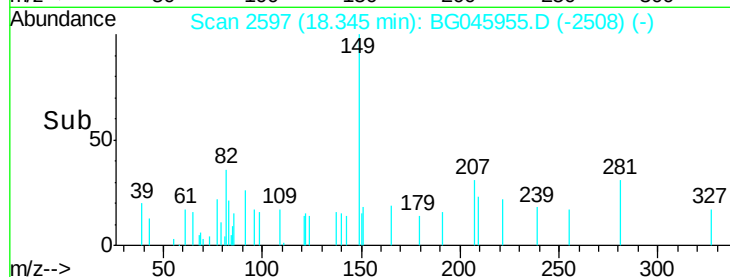
1000

500

0

18.30 18.35

Time-->



#75

Fluoranthene

Concen: 0.002 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

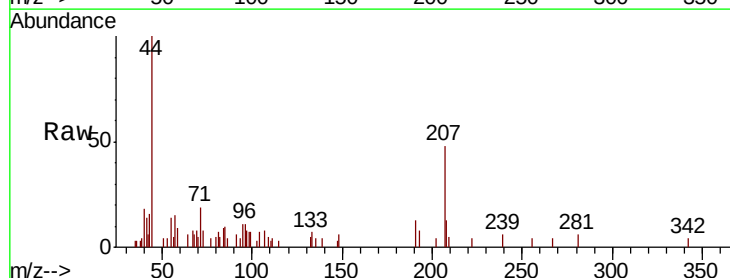
Tgt Ion:202 Resp: 142

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.8

203 0.0 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

300

250

200

150

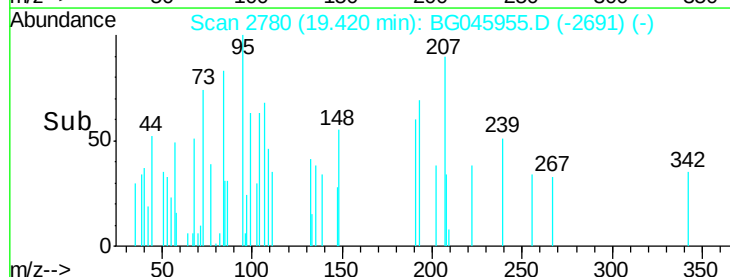
100

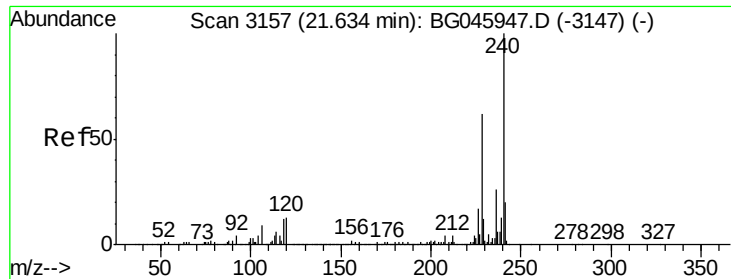
50

0

19.42 19.44

Time-->

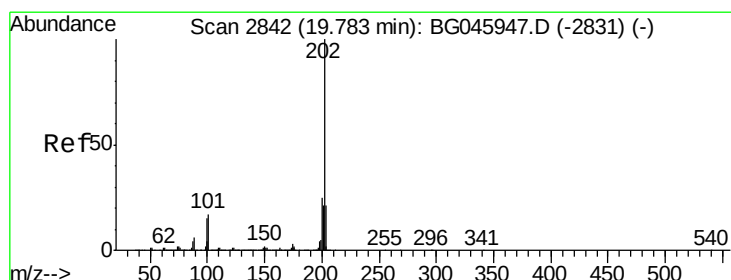
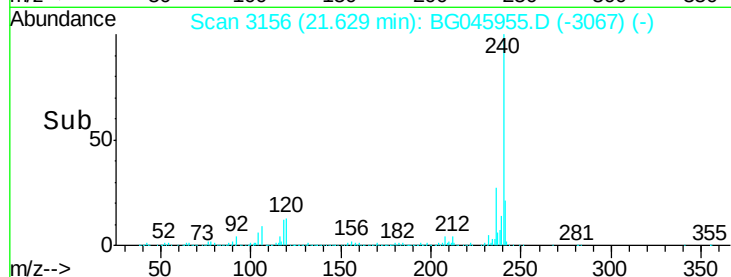
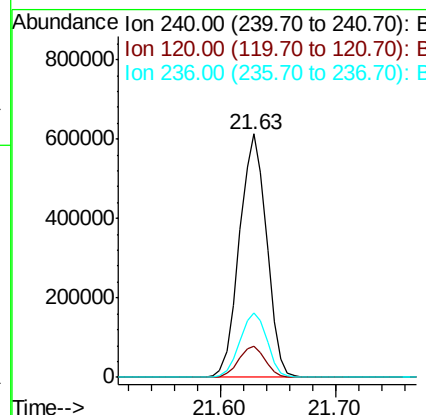
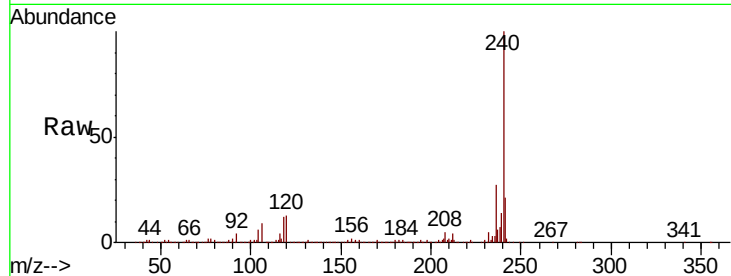




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

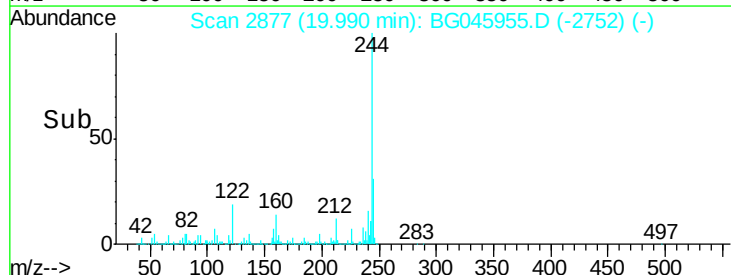
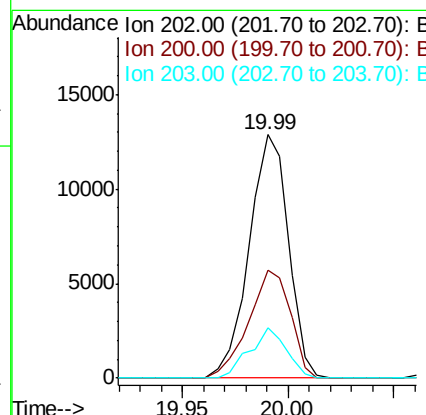
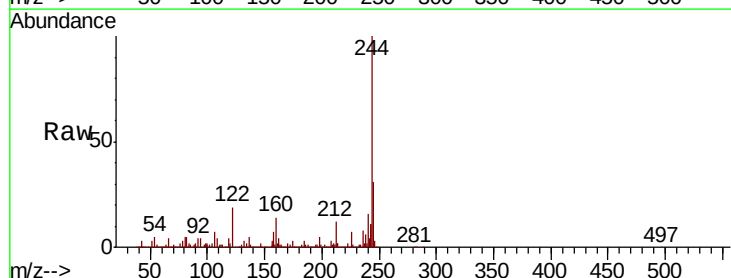
Instrument :
BNA_G
ClientSampleId :
PB129897BL

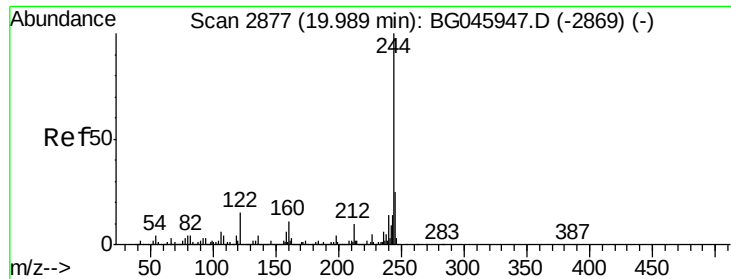
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.6	16.0
236	26.5	20.4	30.6



#78
Pyrene
Concen: 0.244 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.21 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	44.5	20.1	30.1#
203	20.5	16.5	24.7





#79

Terphenyl-d14

Concen: 71.278 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129897BL

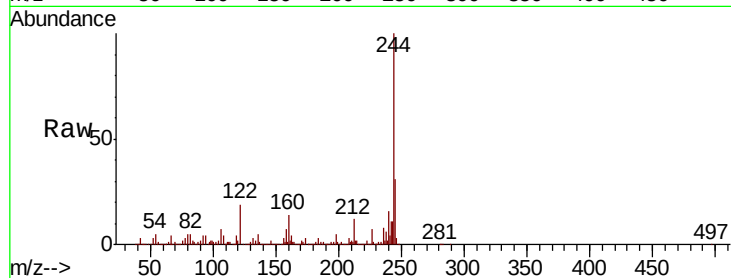
Tot Ion:244 Resp: 3188350

Ion Ratio Lower Upper

244 100

212 12.3 8.3 12.5

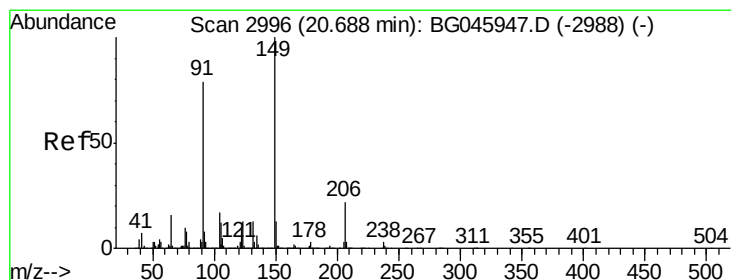
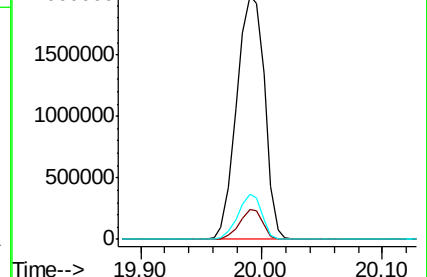
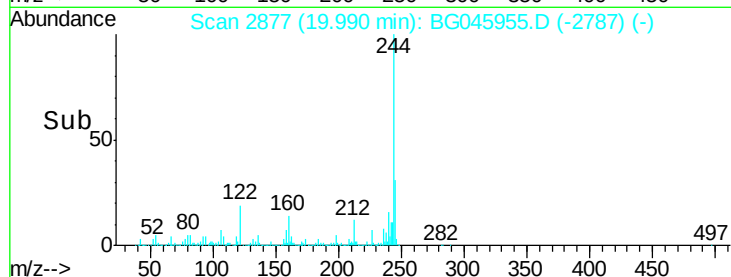
122 18.7 12.1 18.1#



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: 0.021 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

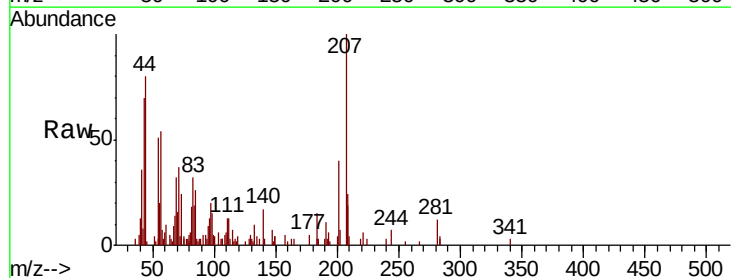
Tgt Ion:149 Resp: 674

Ion Ratio Lower Upper

149 100

91 58.6 63.1 94.7#

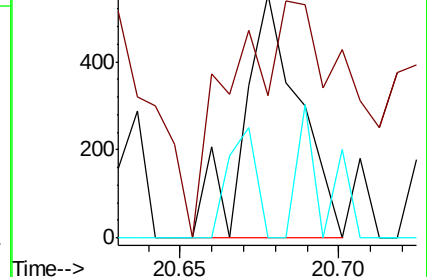
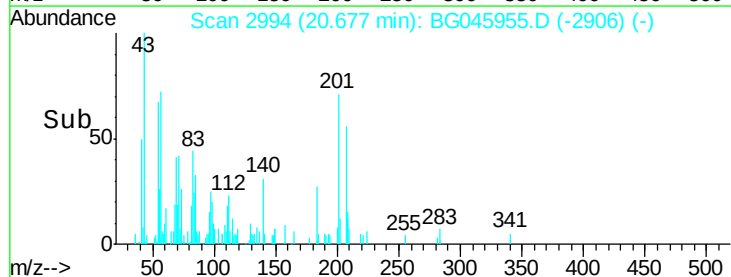
206 0.0 17.4 26.0#

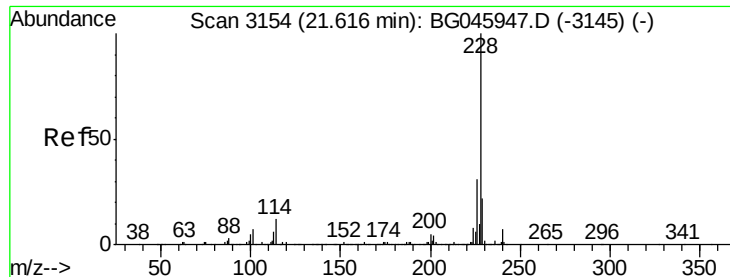


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampled :

PB129897BL

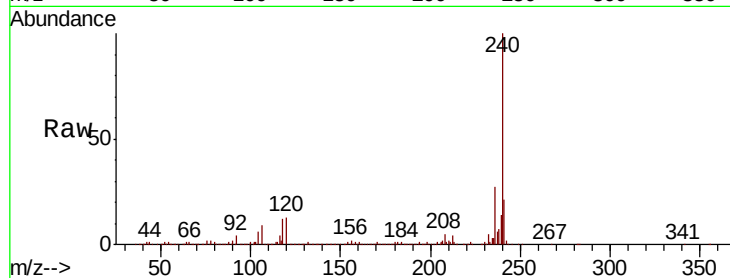
Tot Ion:228 Resp: 3619

Ion Ratio Lower Upper

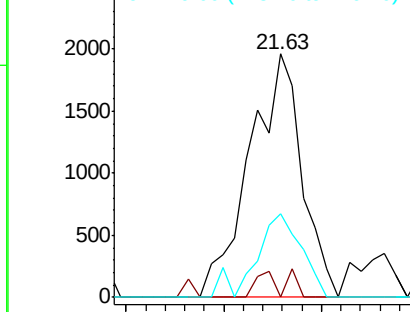
228 100

226 0.0 24.8 37.2#

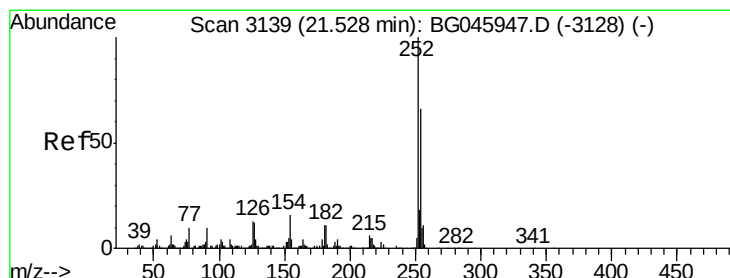
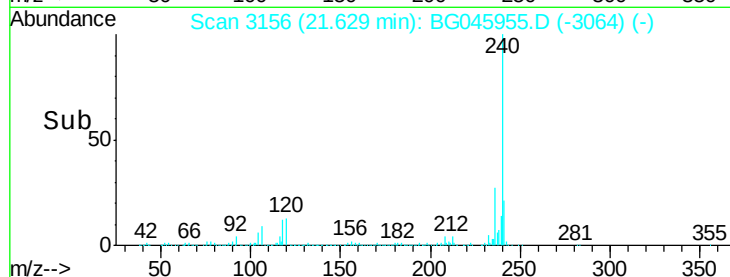
229 34.6 17.8 26.8#



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



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.033 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

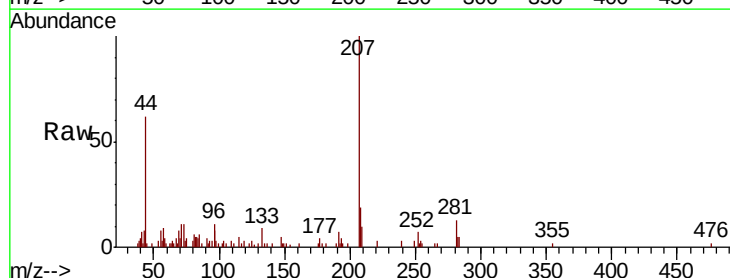
Tgt Ion:252 Resp: 799

Ion Ratio Lower Upper

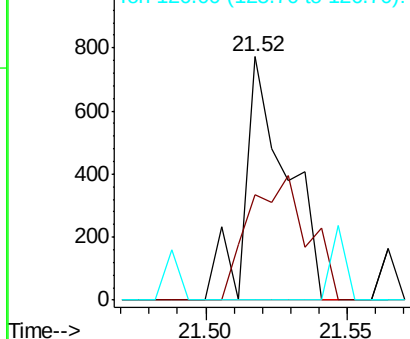
252 100

254 43.1 52.9 79.3#

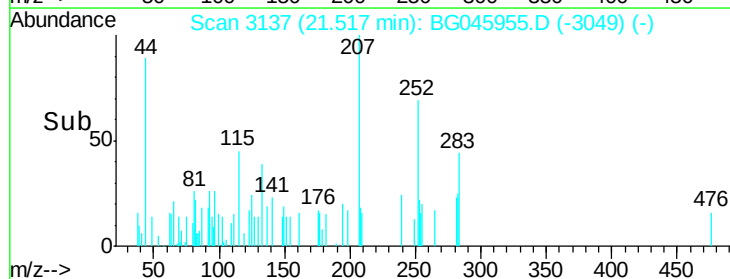
126 0.0 10.4 15.6#

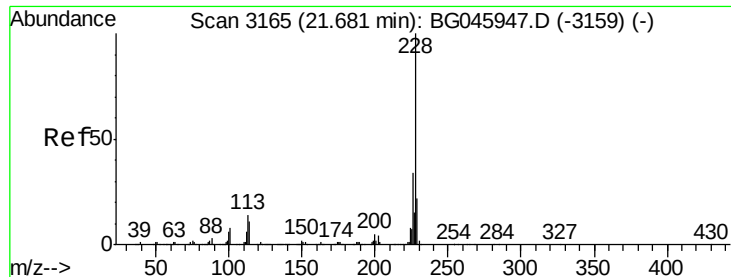


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.008 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampled :

PB129897BL

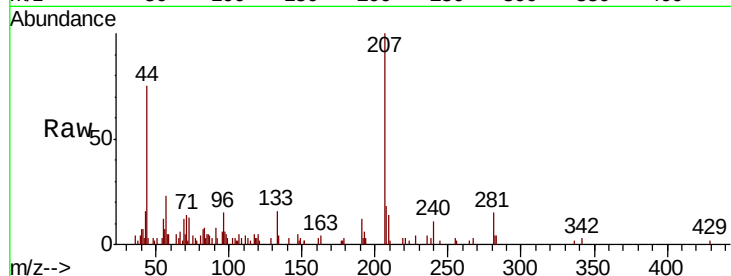
Tot Ion:228 Resp: 527

Ion Ratio Lower Upper

228 100

226 0.0 26.7 40.1#

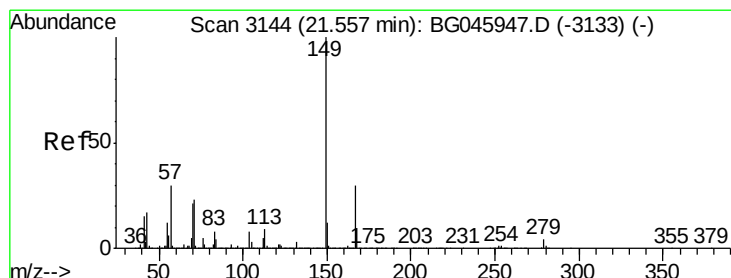
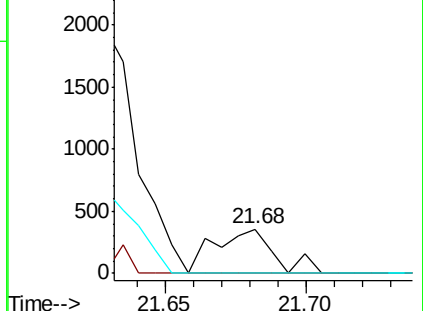
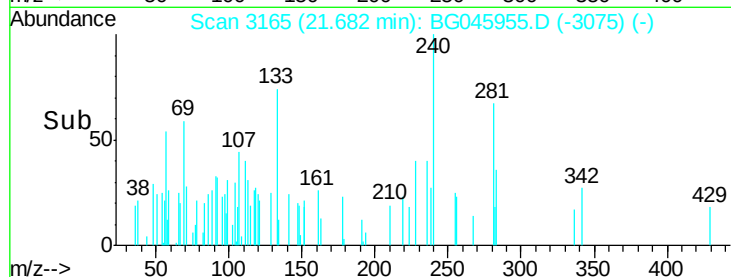
229 0.0 17.3 25.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

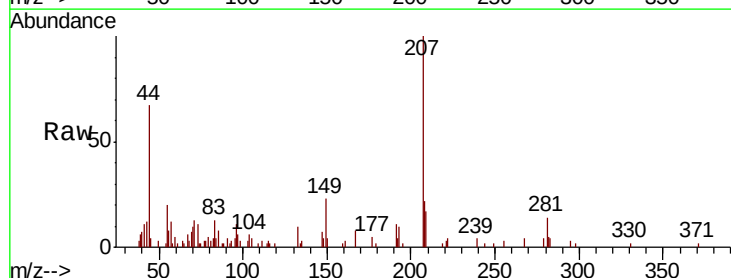
Tgt Ion:149 Resp: 2979

Ion Ratio Lower Upper

149 100

167 33.1 23.8 35.8

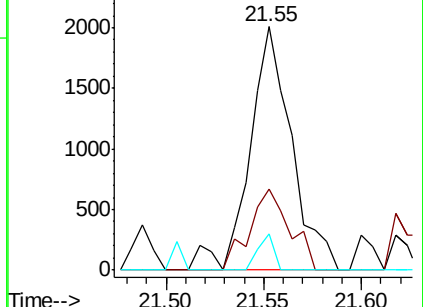
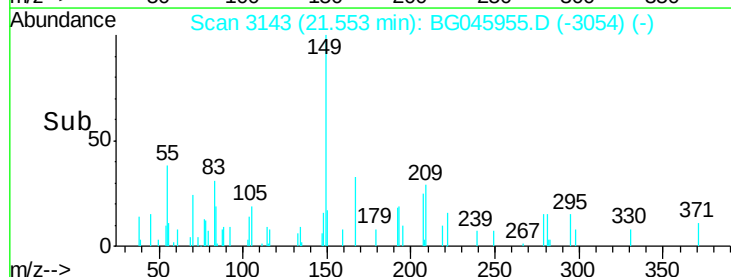
279 15.1 3.5 5.3#

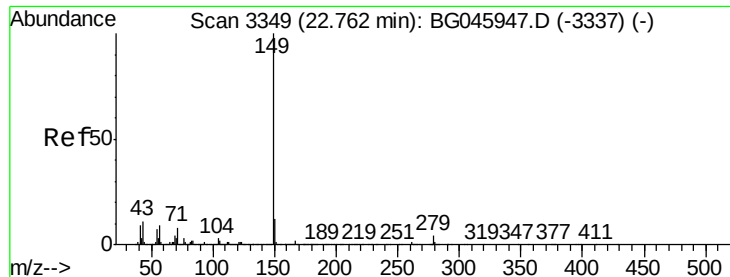


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

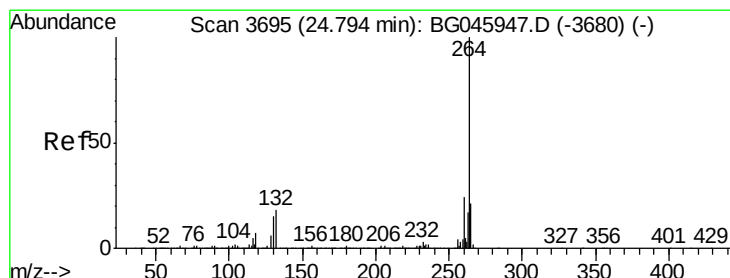
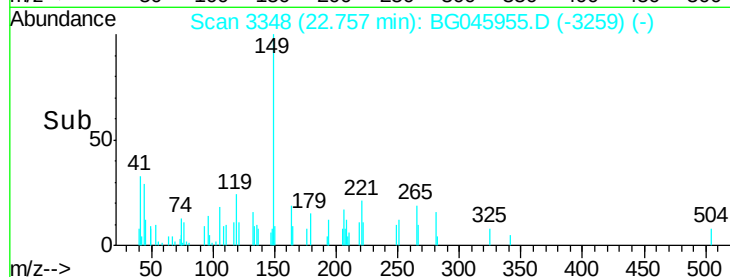
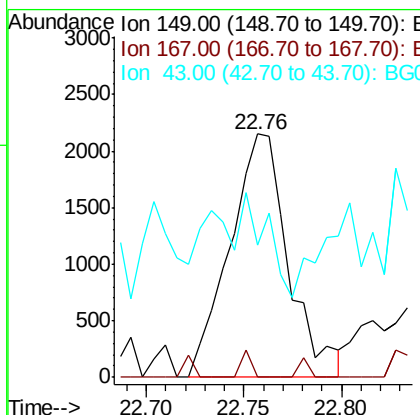
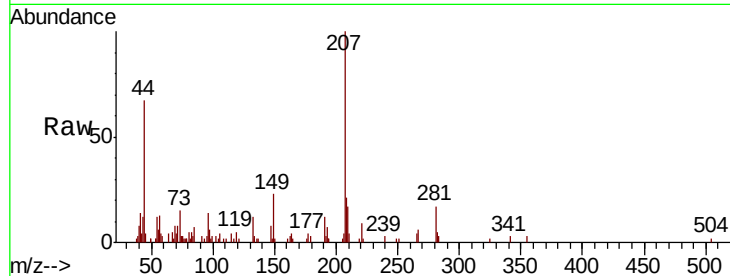




#85
Di-n-octyl phthalate
Concen: 0.055 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

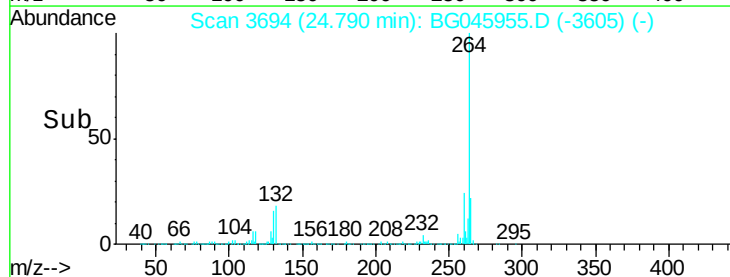
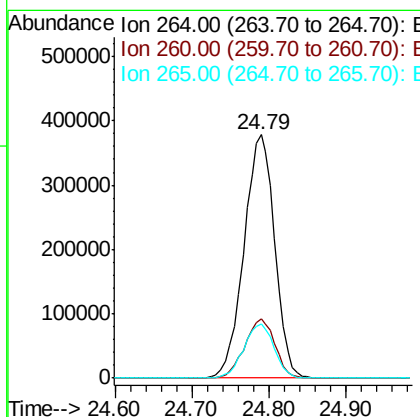
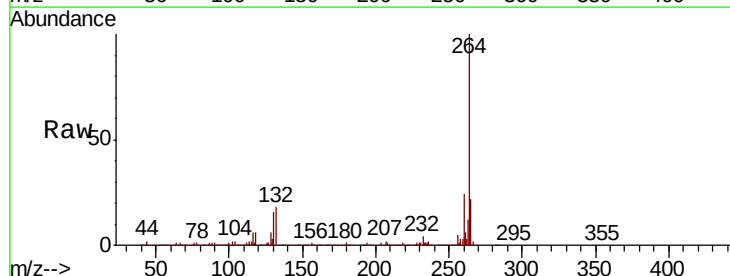
Instrument :
BNA_G
ClientSampleId :
PB129897BL

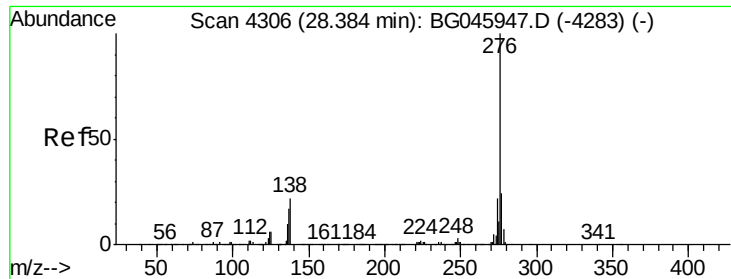
Tot Ion:149 Resp: 4472
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 0.0 8.6 12.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion:264 Resp: 1051269
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 22.5 16.9 25.3

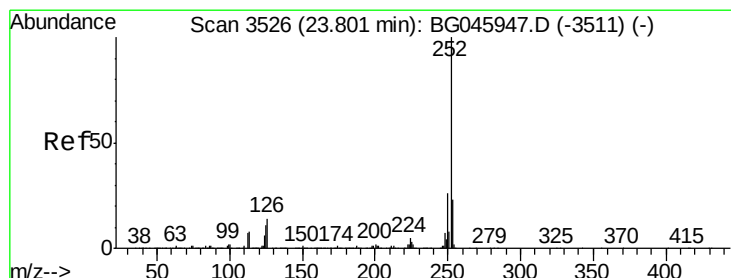
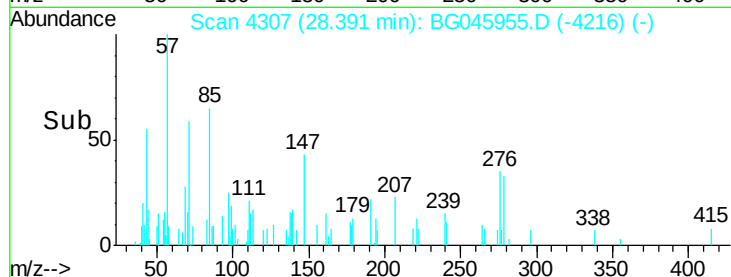
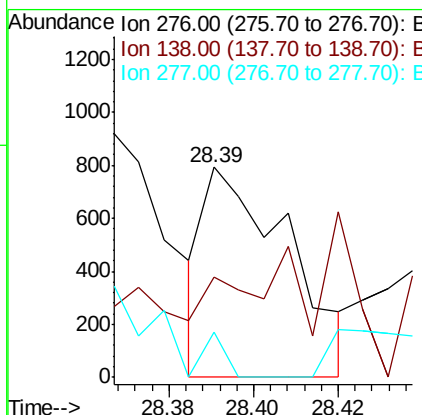
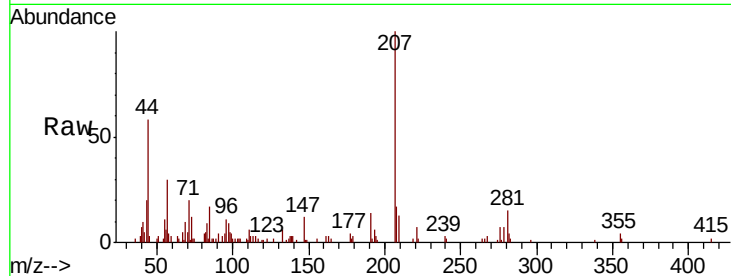




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.014 ng
 RT: 28.39 min Scan# 4307
 Delta R.T. 0.01 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

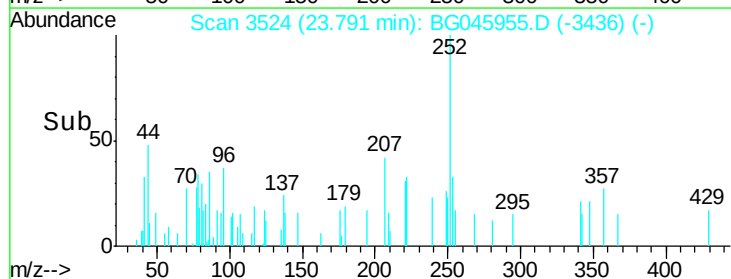
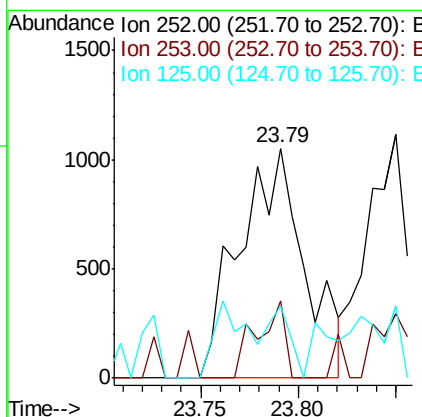
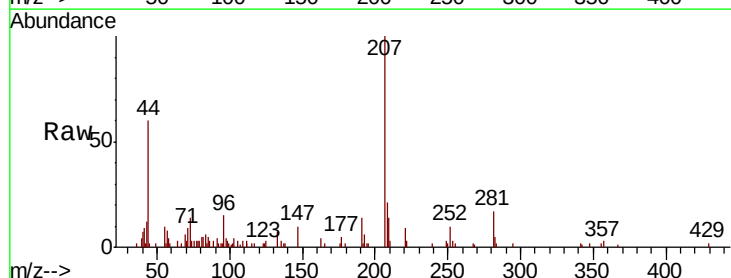
Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

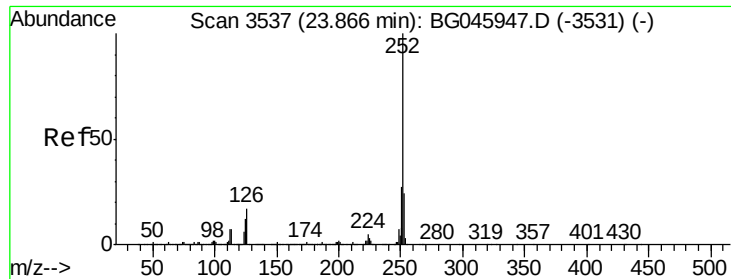
Tot Ion:276 Resp: 1105
 Ion Ratio Lower Upper
 276 100
 138 31.9 16.4 24.6#
 277 0.0 20.6 31.0#



#88
 Benzo(b)fluoranthene
 Concen: 0.036 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG045955.D
 Acq: 7 Jul 2020 10:24

Tgt Ion:252 Resp: 2434
 Ion Ratio Lower Upper
 252 100
 253 33.5 18.5 27.7#
 125 31.6 9.2 13.8#





#89

Benzo(k)fluoranthene

Concen: 0.034 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

Instrument :

BNA_G

ClientSampled :

PB129897BL

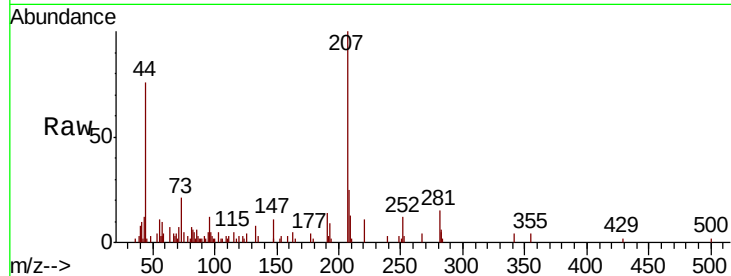
Tot Ion:252 Resp: 2170

Ion Ratio Lower Upper

252 100

253 26.5 18.9 28.3

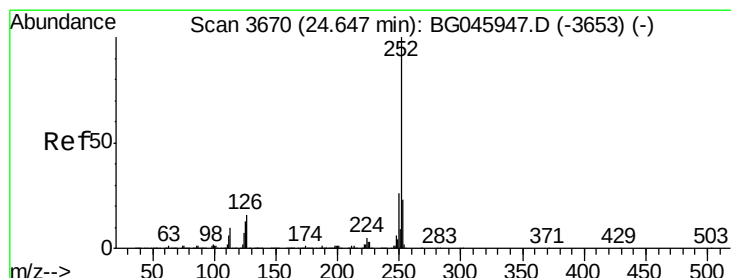
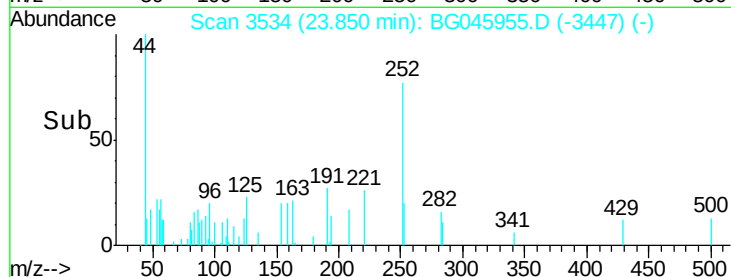
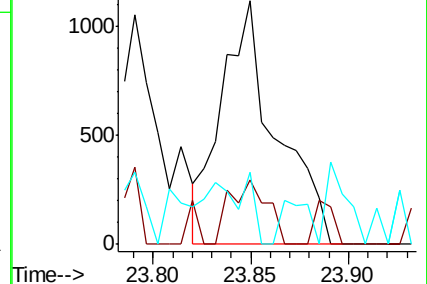
125 29.4 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.042 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BG045955.D

Acq: 7 Jul 2020 10:24

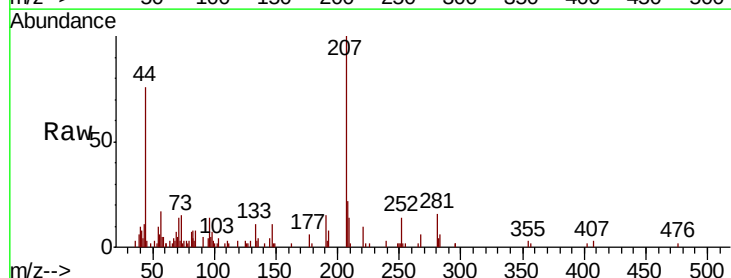
Tgt Ion:252 Resp: 2667

Ion Ratio Lower Upper

252 100

253 13.1 18.6 28.0#

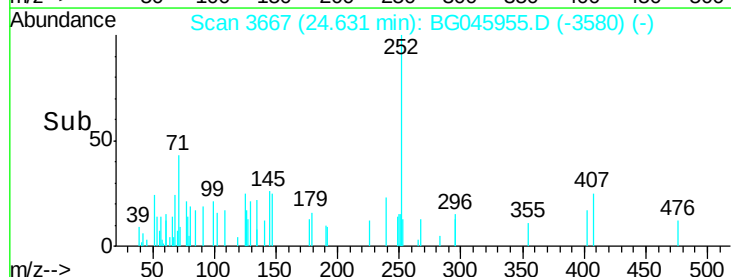
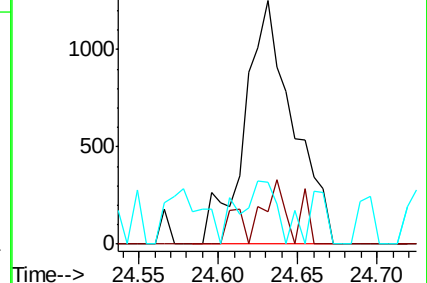
125 25.2 10.5 15.7#

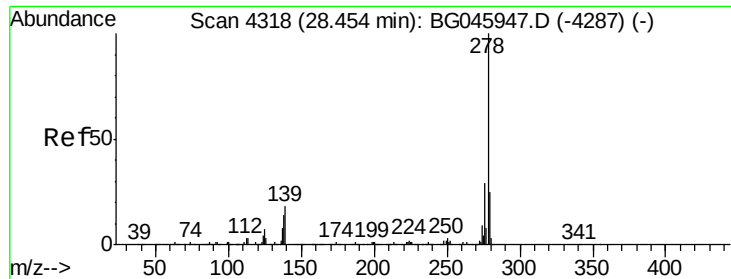


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

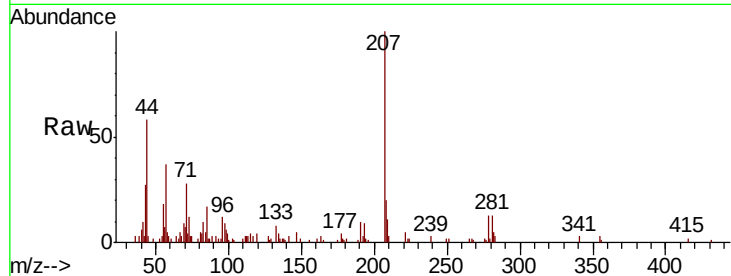




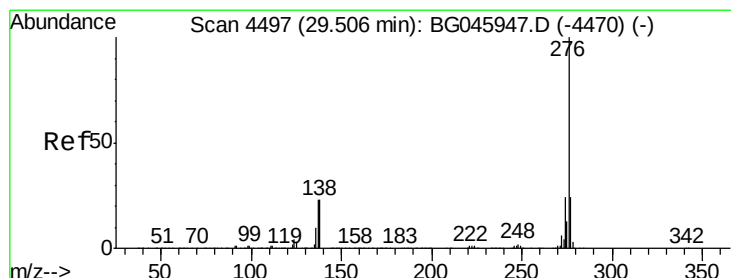
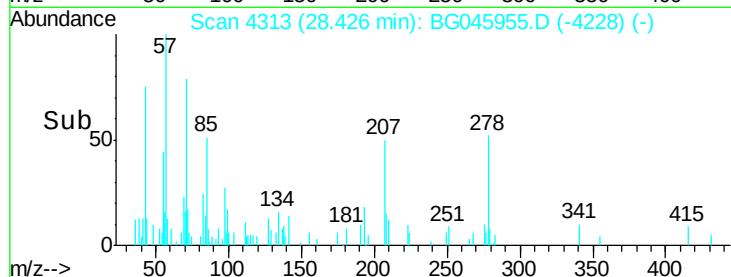
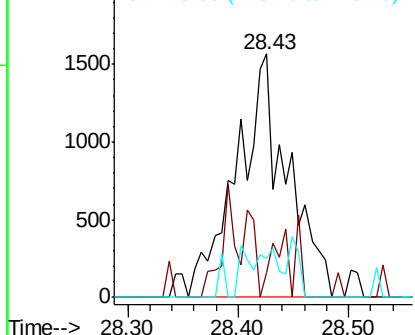
#91
Dibenzo(a,h)anthracene
Concen: 0.081 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Instrument :
BNA_G
ClientSampleId :
PB129897BL

Tot Ion:278 Resp: 5019
Ion Ratio Lower Upper
278 100
139 10.3 14.3 21.5#
279 15.7 19.8 29.6#

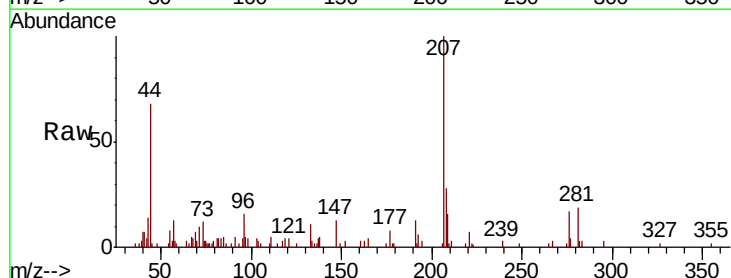


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.074 ng
RT: 29.45 min Scan# 4488
Delta R.T. -0.05 min
Lab File: BG045955.D
Acq: 7 Jul 2020 10:24

Tgt Ion:276 Resp: 4649
Ion Ratio Lower Upper
276 100
277 22.0 19.4 29.0
138 29.7 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

