

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045402.D
 Acq On : 15 May 2020 18:33
 Operator : CG/JU
 Sample : PB128906BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BL

Quant Time: May 15 19:08:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66720	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	257380	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	183683	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	431230	20.00	ng	0.00
76) Chrysene-d12	21.62	240	474926	20.00	ng	0.00
87) Perylene-d12	24.78	264	500559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	476029	139.43	ng	0.00
7) Phenol-d6	7.14	99	648488	133.46	ng	0.00
23) Nitrobenzene-d5	9.12	82	467050	98.95	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	327565	139.44	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1050807	97.04	ng	0.00
79) Terphenyl-d14	19.97	244	1974747	96.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	253	0.149	ng	# 31
3) Pyridine	3.81	79	84	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	74	0.048	ng	# 1
6) Aniline	7.02	93	54	0.009	ng	# 44
8) 2-Chlorophenol	7.37	128	53	0.014	ng	# 35
9) Benzaldehyde	7.13	77	986	0.311	ng	# 4
10) Phenol	7.16	94	55	0.011	ng	# 1
11) bis(2-Chloroethyl)ether	7.02	93	54	0.014	ng	# 24
14) 1,2-Dichlorobenzene	8.62	146	88	0.021	ng	# 21
15) Benzyl Alcohol	8.29	79	8269	2.060	ng	# 58
17) 2-Methylphenol	8.30	107	163	0.043	ng	# 1
18) Hexachloroethane	8.66	117	58	0.034	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	63516	18.903	ng	# 79
20) 3+4-Methylphenols	8.57	107	59	0.012	ng	# 20
22) Acetophenone	8.38	105	57	0.009	ng	# 56
24) Nitrobenzene	9.12	77	1689	0.334	ng	# 37
25) Isophorone	9.69	82	207	0.022	ng	# 68
27) 2,4-Dimethylphenol	10.30	122	72	0.022	ng	# 1
28) bis(2-Chloroethoxy)methane	9.99	93	61	0.013	ng	# 48
30) 1,2,4-Trichlorobenzene	11.07	180	66	0.015	ng	# 13
31) Naphthalene	10.43	128	65	0.005	ng	# 68
32) Benzoic acid	10.30	122	72	10.049	ng	# 1
33) 4-Chloroaniline	11.14	127	63	0.013	ng	# 46
34) Hexachlorobutadiene	10.71	225	57	0.018	ng	# 19
36) 4-Chloro-3-methylphenol	12.20	107	63	0.015	ng	# 20
37) 2-Methylnaphthalene	11.97	142	60	0.007	ng	# 15
38) 1-Methylnaphthalene	12.92	142	71	0.008	ng	# 9
40) 1,2,4,5-Tetrachlorobenzene	13.17	216	66	0.013	ng	# 25
46) 1,1'-Biphenyl	13.45	154	2004	0.178	ng	# 81
47) 2-Chloronaphthalene	13.29	162	56	0.006	ng	# 38
48) 2-Nitroaniline	13.62	65	62	0.021	ng	# 7
51) 2,6-Dinitrotoluene	14.61	165	23201	8.160	ng	# 24
52) Acenaphthene	14.61	154	735	0.075	ng	# 3
53) 3-Nitroaniline	14.51	138	69	0.024	ng	# 1

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 QLast Update : Fri May 15 15:45:48 2020
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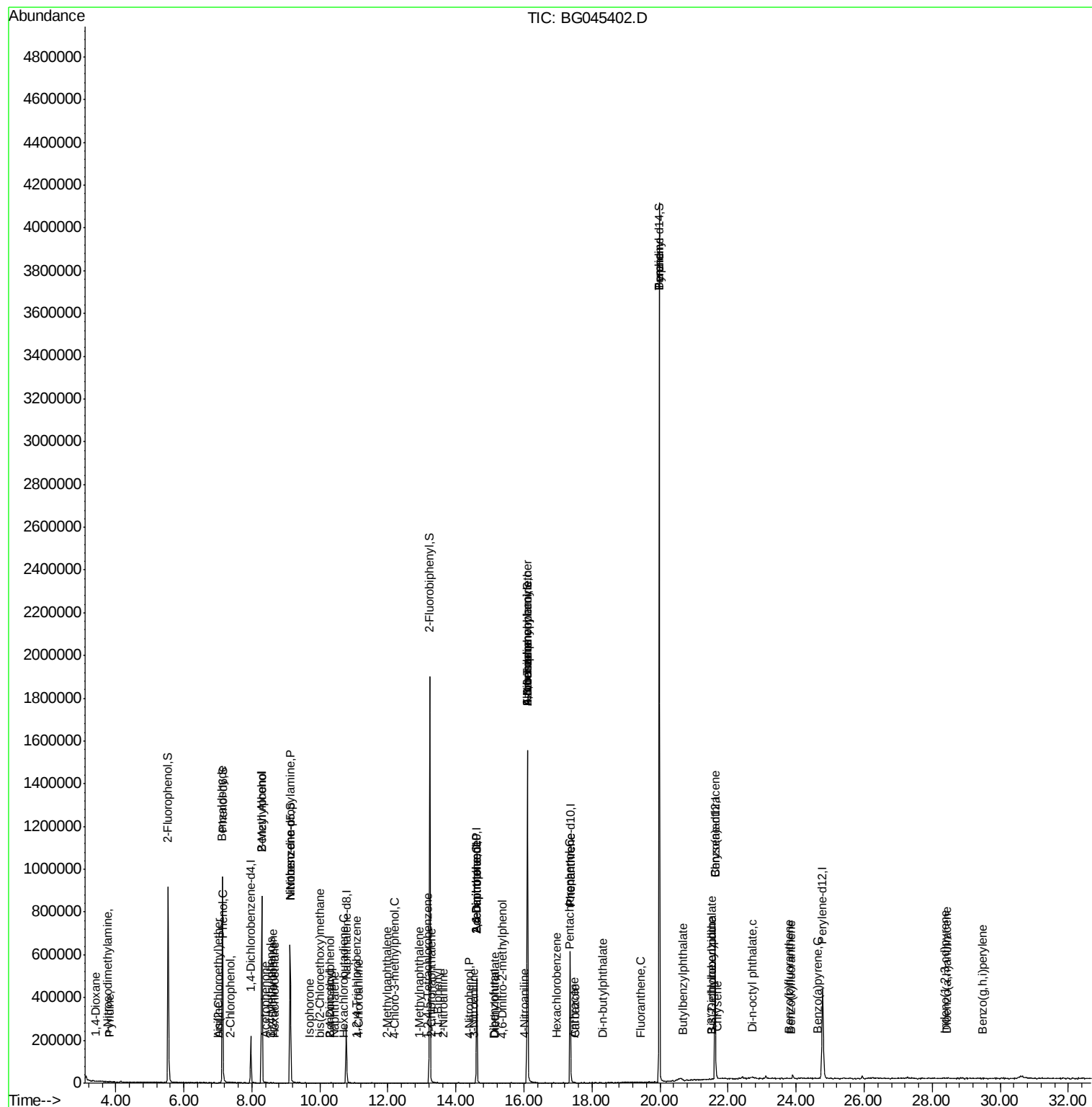
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
54) 2,4-Dinitrophenol	14.61	184	73	5.495	nq	#	1
55) Dibenzofuran	15.13	168	58	0.004	nq	#	45
56) 4-Nitrophenol	14.39	139	63	0.029	nq	#	2
57) 2,4-Dinitrotoluene	14.61	165	23201	5.634	nq	#	24
58) Fluorene	16.10	166	10186	0.847	nq	#	94
60) Diethylphthalate	15.14	149	67	0.005	nq	#	57
62) 4-Nitroaniline	16.01	138	80	0.027	nq	#	5
63) Azobenzene	16.10	77	1598	0.131	nq	#	13
65) 4,6-Dinitro-2-methylphenol	15.37	198	63	0.025	nq	#	40
66) n-Nitrosodiphenylamine	16.10	169	11208	1.082	nq	#	43
67) 4-Bromophenyl-phenylether	16.10	248	22693	4.860	nq	#	1
68) Hexachlorobenzene	16.95	284	55	0.011	nq	#	44
70) Pentachlorophenol	17.34	266	65	0.026	nq	#	18
71) Phenanthrene	17.35	178	72	0.004	nq	#	1
72) Anthracene	17.49	178	59	0.003	nq	#	60
73) Carbazole	17.51	167	54	0.003	nq	#	57
74) Di-n-butylphthalate	18.33	149	174	0.008	nq	#	77
75) Fluoranthene	19.43	202	154	0.006	nq		64
77) Benzidine	19.97	184	37037	2.777	nq	#	89
78) Pyrene	19.97	202	8237	0.304	nq	#	71
80) Butylbenzylphthalate	20.67	149	68	0.006	nq	#	32
81) Benzo(a)anthracene	21.62	228	1694	0.064	nq	#	93
82) 3,3'-Dichlorobenzidine	21.51	252	74	0.007	nq	#	25
83) Chrysene	21.68	228	153	0.006	nq	#	48
84) Bis(2-ethylhexyl)phthalate	21.52	149	578	0.036	nq	#	54
85) Di-n-octyl phthalate	22.70	149	494	0.018	nq	#	1
86) Indeno(1,2,3-cd)pyrene	28.38	276	98	0.003	nq	#	1
88) Benzo(b)fluoranthene	23.78	252	818	0.030	nq	#	50
89) Benzo(k)fluoranthene	23.84	252	518	0.021	nq	#	2
90) Benzo(a)pyrene	24.64	252	266	0.011	nq	#	20
91) Dibenzo(a,h)anthracene	28.44	278	1157	0.046	nq	#	57
92) Benzo(g,h,i)perylene	29.47	276	325	0.013	nq	#	58

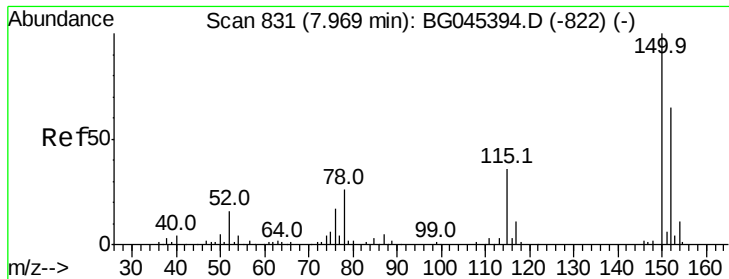
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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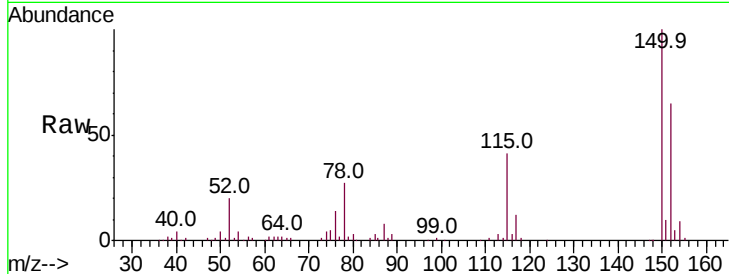


#1

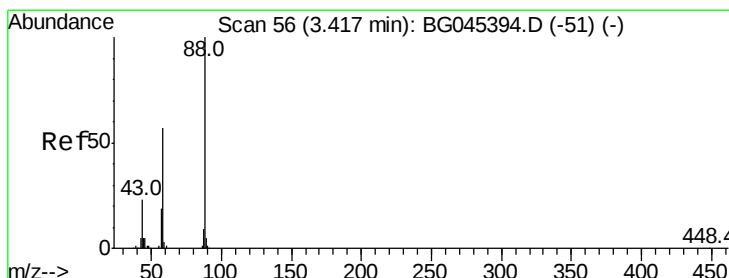
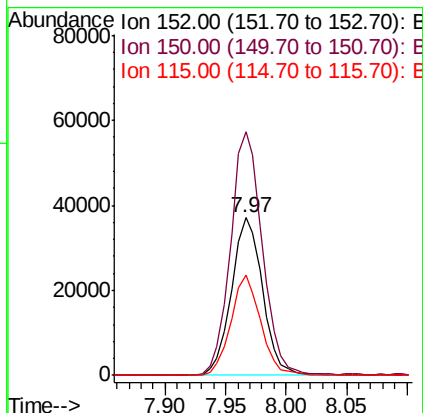
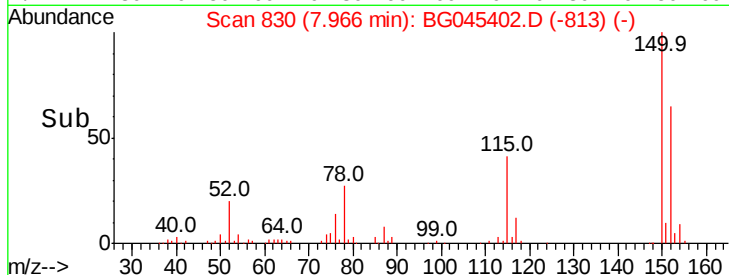
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:152 Resp: 66720
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 64.1 44.2 66.4



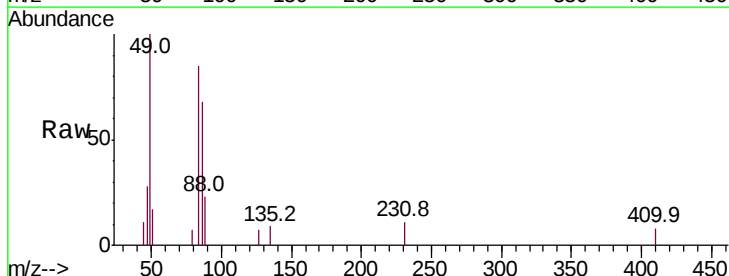
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



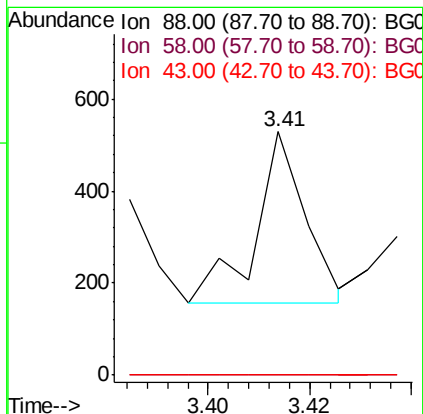
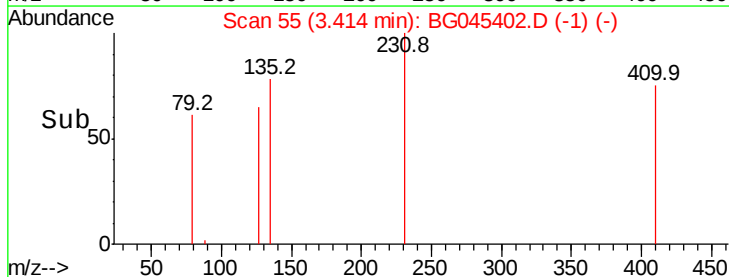
#2

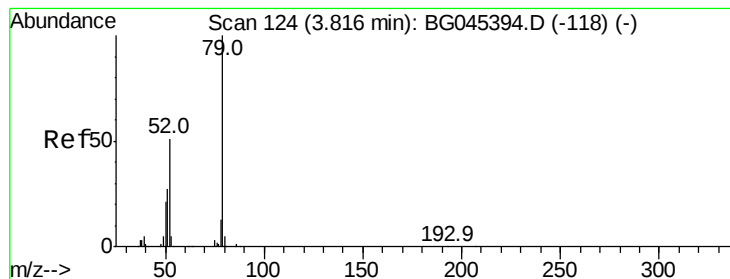
1,4-Dioxane
Concen: 0.149 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
58 0.0 45.7 68.5#
43 0.0 16.8 25.2#



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





#3

Pvridine

Concen: 0.018 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

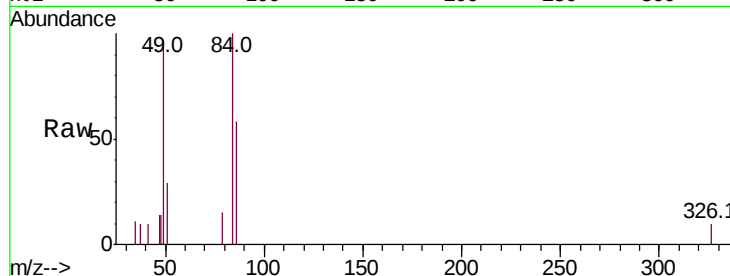
Tot Ion: 79 Resp: 84

Ion Ratio Lower Upper

79 100

52 0.0 40.8 61.2#

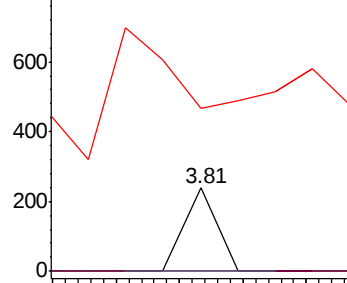
51 195.0 21.9 32.9#



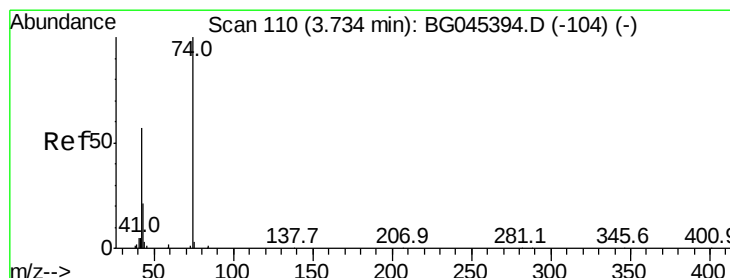
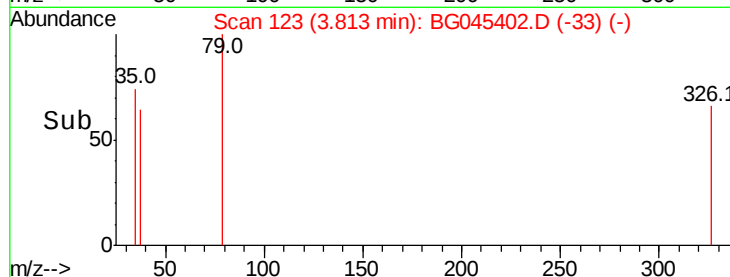
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 3.79 3.80 3.81 3.82 3.83



#4

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.77 min Scan# 115

Delta R.T. 0.03 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

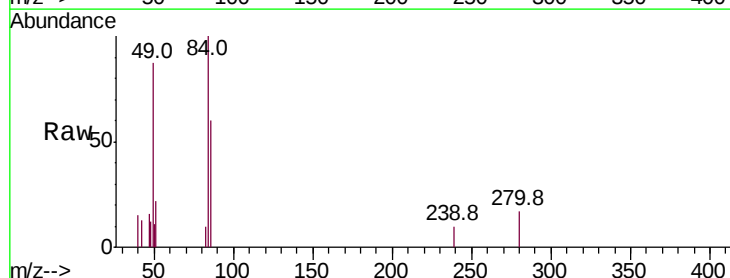
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

74 0.0 141.3 211.9#

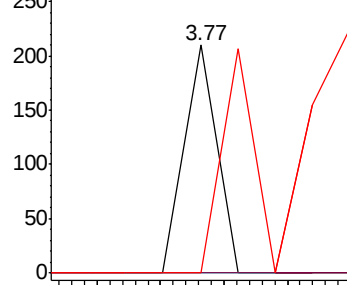
44 0.0 4.2 6.4#



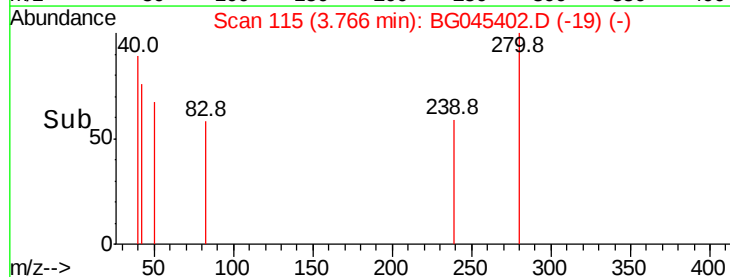
Abundance Ion 42.00 (41.70 to 42.70): BGC

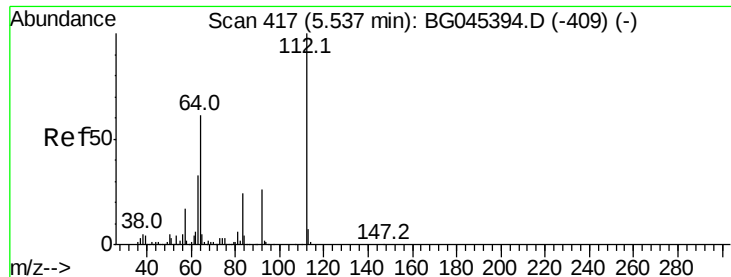
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time--> 3.75 3.76 3.77 3.78





#5

2-Fluorophenol

Concen: 139.434 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

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ClientSampleId :

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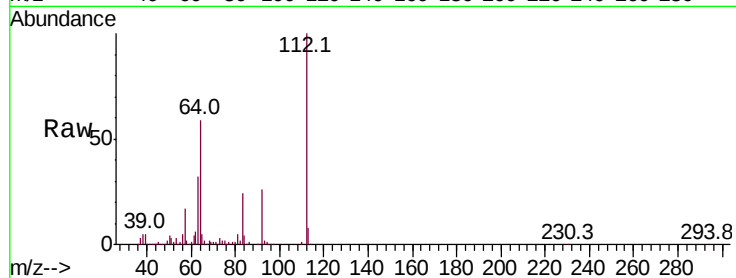
Tot Ion:112 Resp: 476029

Ion Ratio Lower Upper

112 100

64 58.8 48.6 72.8

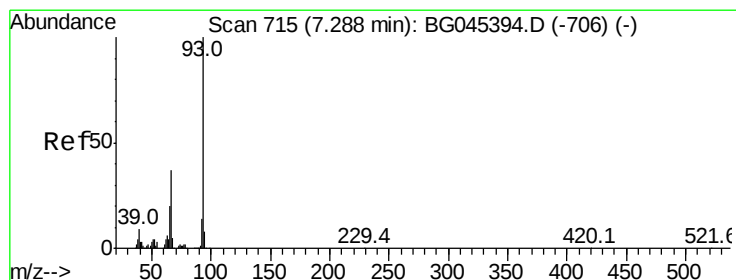
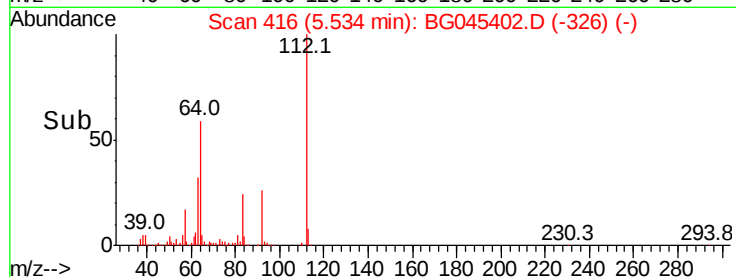
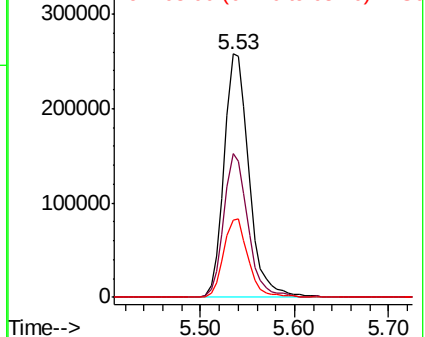
63 31.6 26.5 39.7



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: 0.009 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.27 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

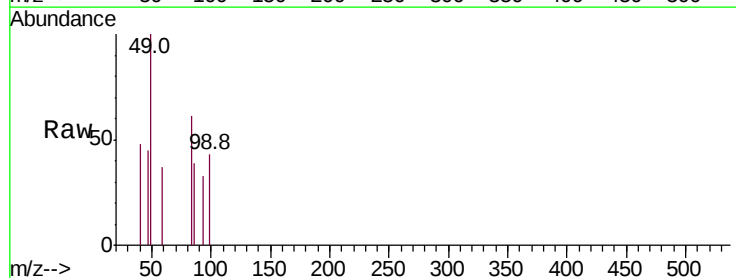
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

66 0.0 29.6 44.4#

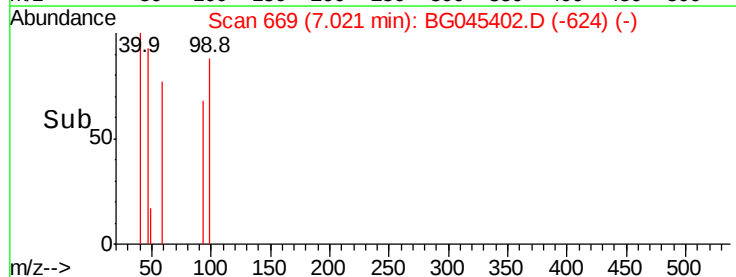
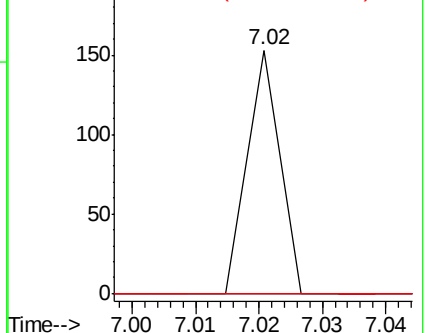
65 0.0 15.9 23.9#

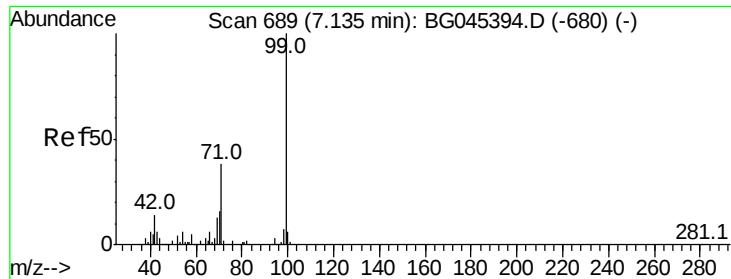


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.457 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

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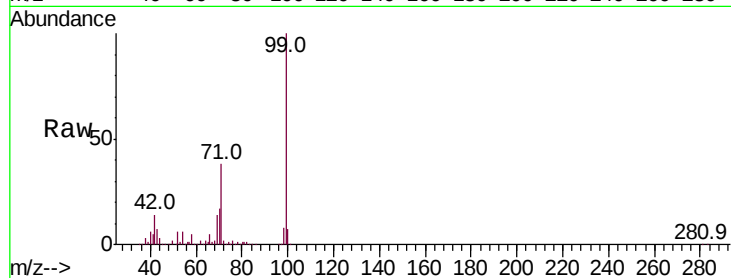
Tot Ion: 99 Resp: 648488

Ion Ratio Lower Upper

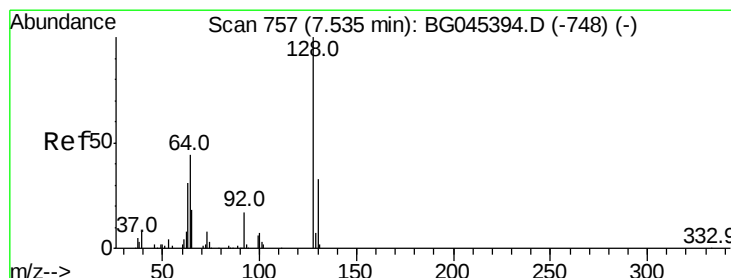
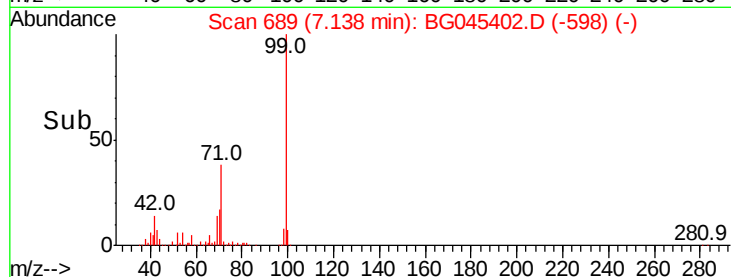
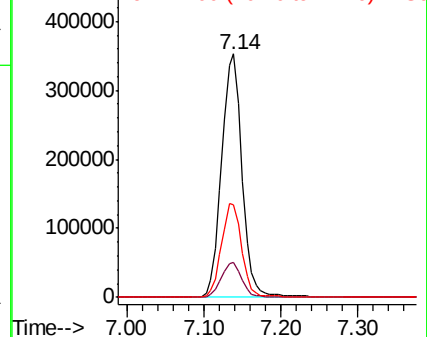
99 100

42 14.3 11.3 16.9

71 38.1 30.8 46.2



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



#8

2-Chlorophenol

Concen: 0.014 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.17 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

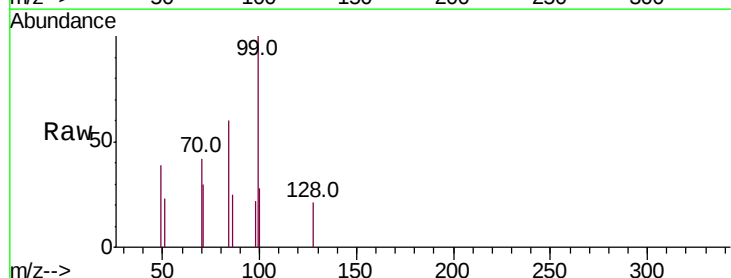
Tgt Ion: 128 Resp: 53

Ion Ratio Lower Upper

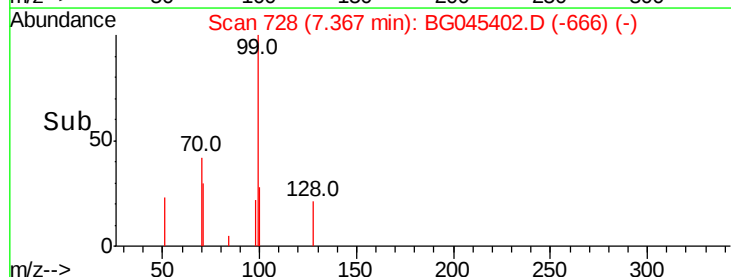
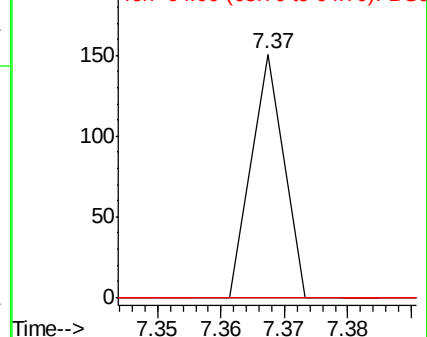
128 100

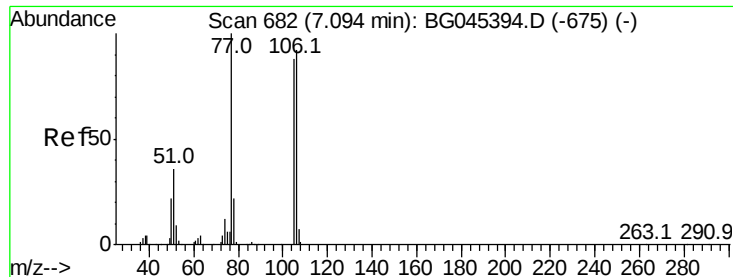
130 0.0 12.6 52.6#

64 0.0 27.0 67.0#



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





#9

Benzaldehyde

Concen: 0.311 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.03 min

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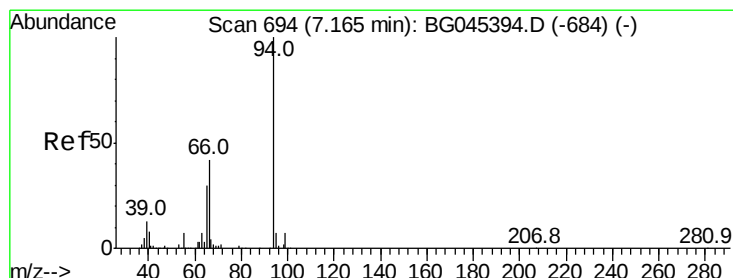
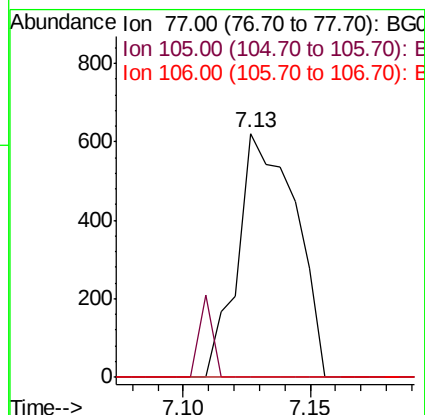
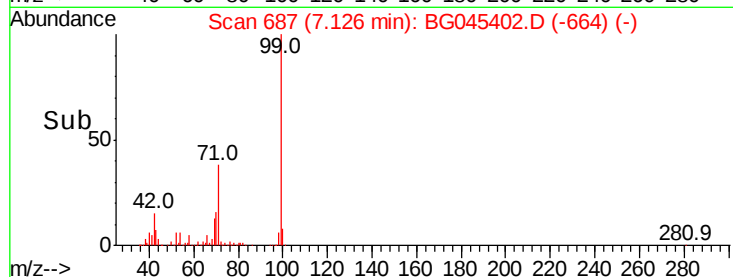
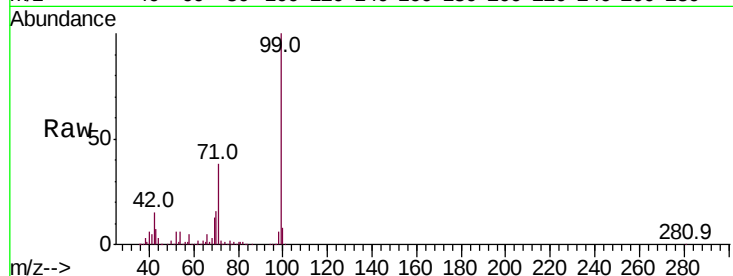
Tot Ion: 77 Resp: 986

Ion Ratio Lower Upper

77 100

105 0.0 68.5 108.5#

106 0.0 71.6 111.6#



#10

Phenol

Concen: 0.011 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

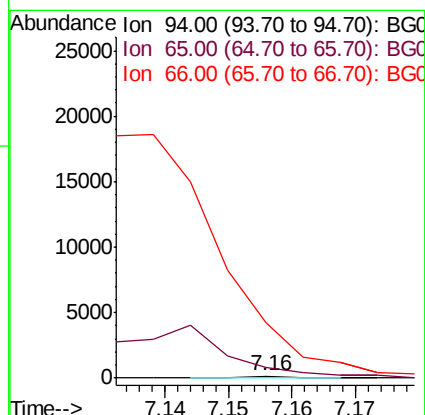
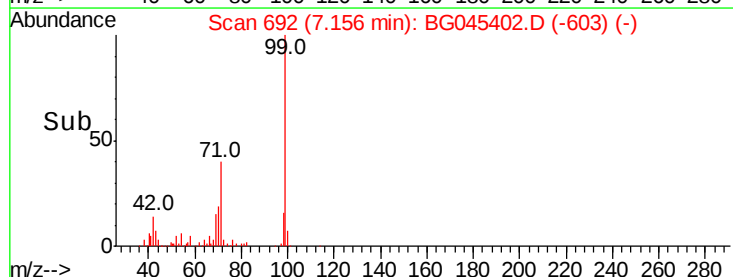
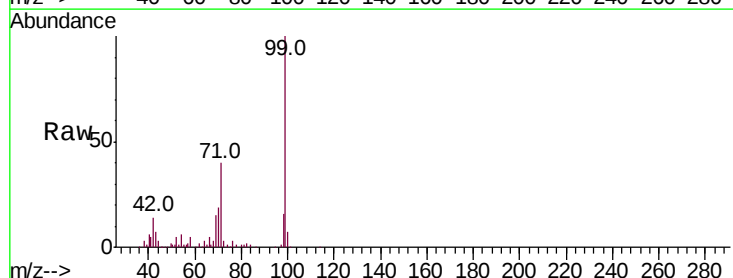
Tgt Ion: 94 Resp: 55

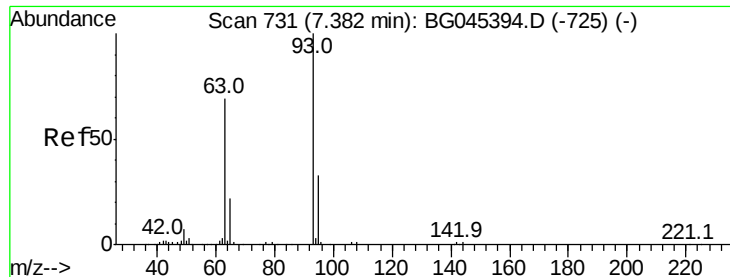
Ion Ratio Lower Upper

94 100

65 545.2 9.8 49.8#

66 2754.2 22.0 62.0#

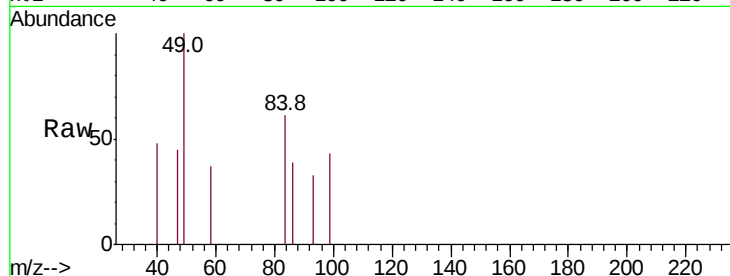




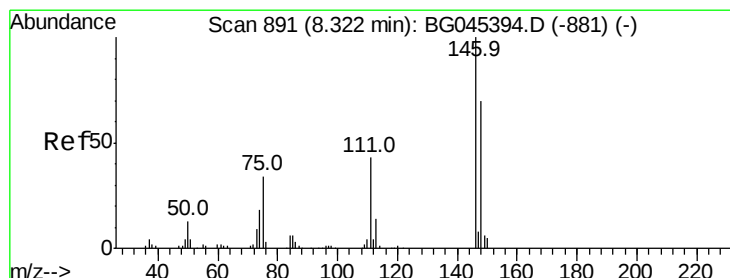
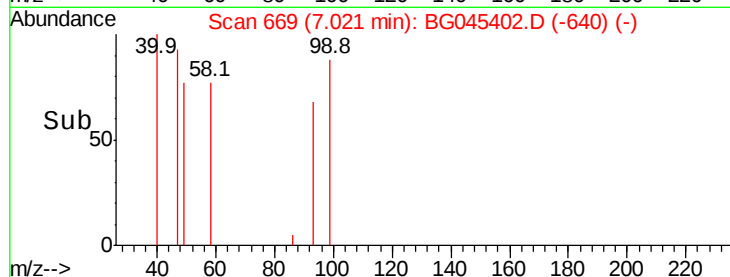
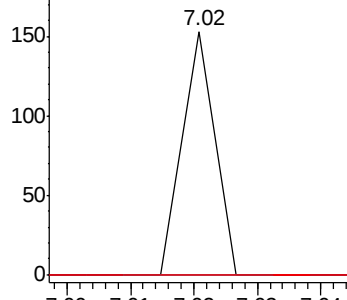
#11
 bis(2-Chloroethyl)ether
 Concen: 0.014 ng
 RT: 7.02 min Scan# 669
 Delta R.T. -0.36 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BL

Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	48.4	88.4#
95	0.0	12.4	52.4#

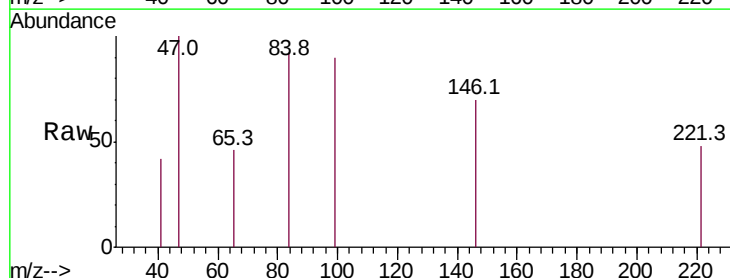


Abundance Ion 93.00 (92.70 to 93.70): BG045394.D (-725) (-)

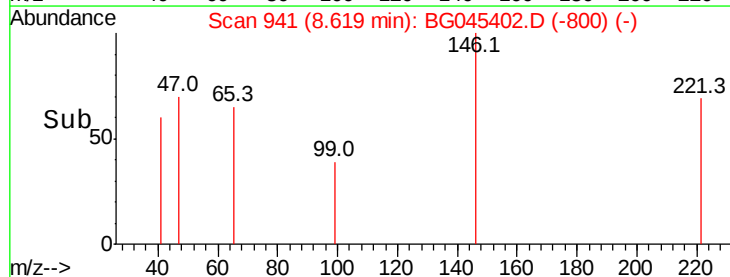
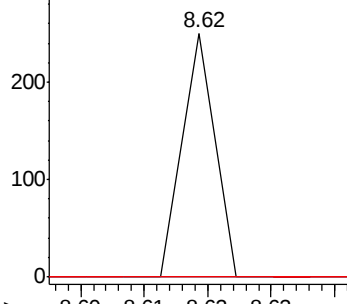


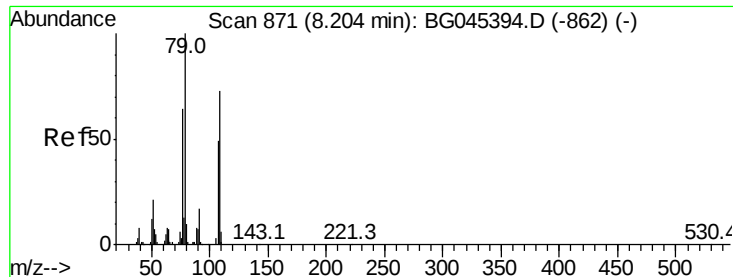
#14
 1,2-Dichlorobenzene
 Concen: 0.021 ng
 RT: 8.62 min Scan# 941
 Delta R.T. 0.30 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	55.9	83.9#
111	0.0	35.0	52.4#



Abundance Ion 146.00 (145.70 to 146.70): BG045394.D (-881) (-)





#15

Benzyl Alcohol

Concen: 2.060 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

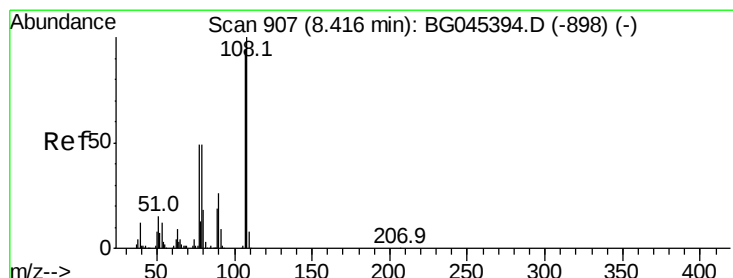
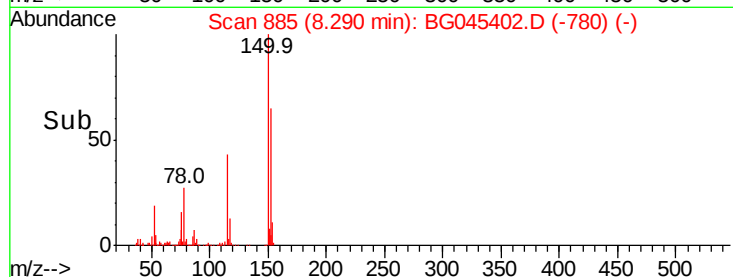
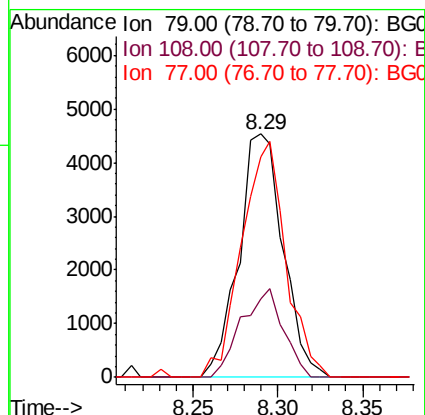
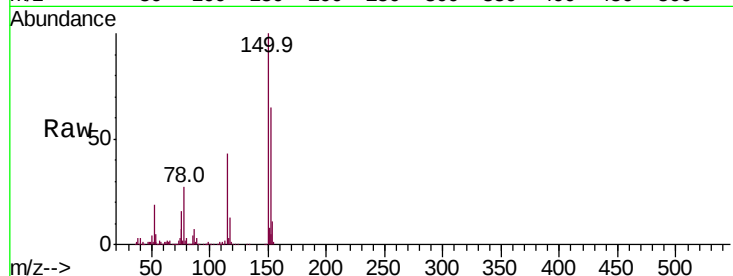
Tot Ion: 79 Resp: 8269

Ion Ratio Lower Upper

79 100

108 32.1 58.2 87.4#

77 90.7 51.0 76.4#



#17

2-Methylphenol

Concen: 0.043 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.12 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion: 107 Resp: 163

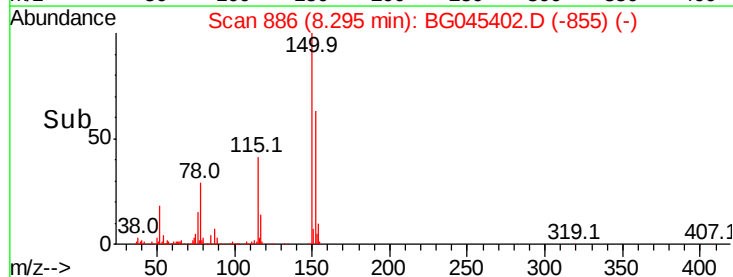
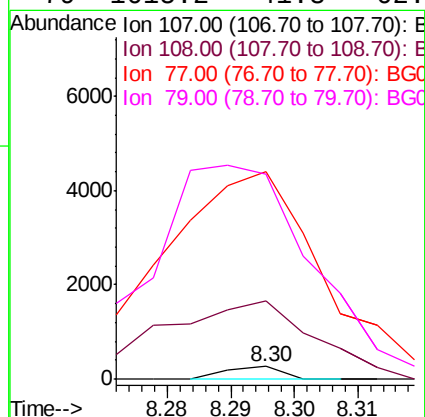
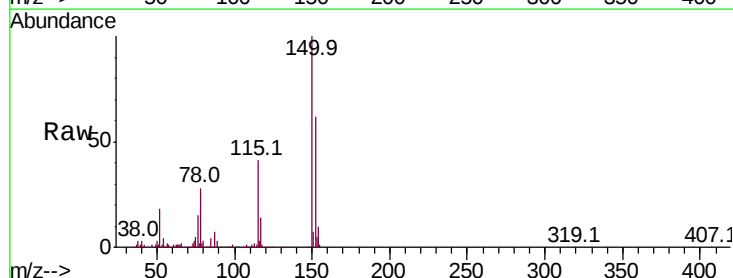
Ion Ratio Lower Upper

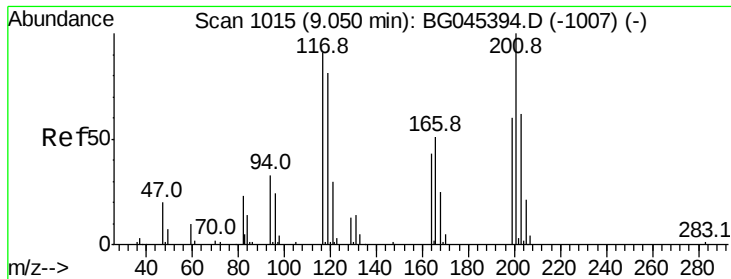
107 100

108 616.7 85.2 127.8#

77 1632.7 41.6 62.4#

79 1615.2 41.8 62.8#





#18

Hexachloroethane

Concen: 0.034 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.39 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

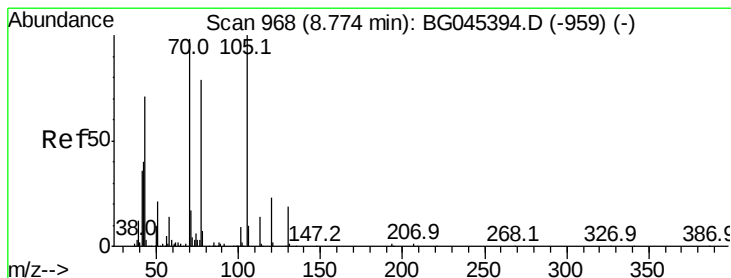
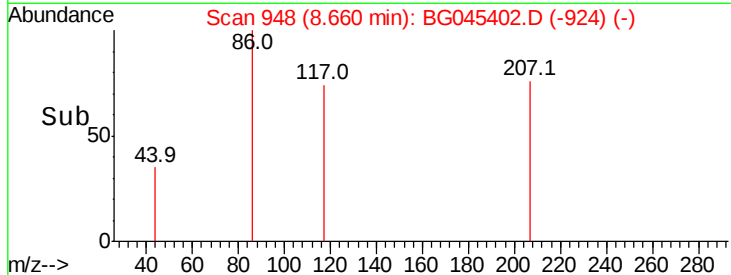
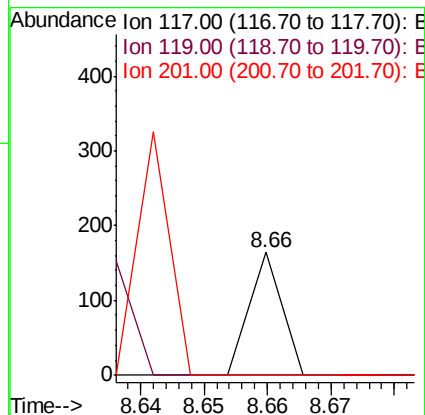
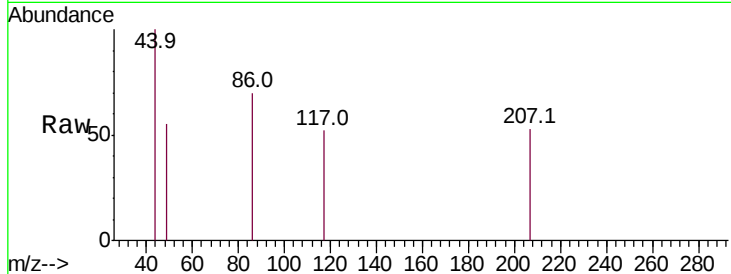
Tot Ion:117 Resp: 58

Ion Ratio Lower Upper

117 100

119 0.0 71.3 106.9#

201 0.0 87.5 131.3#



#19

n-Nitroso-di-n-propylamine

Concen: 18.903 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.35 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion: 70 Resp: 63516

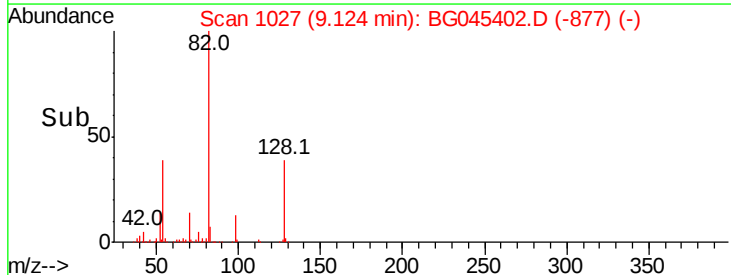
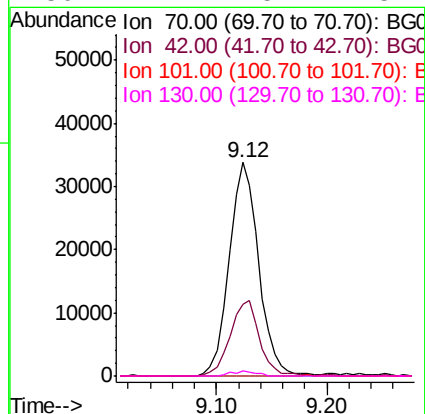
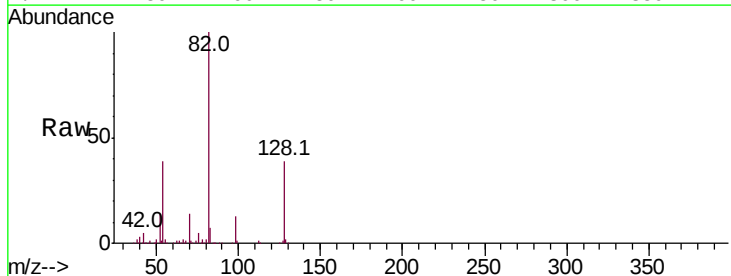
Ion Ratio Lower Upper

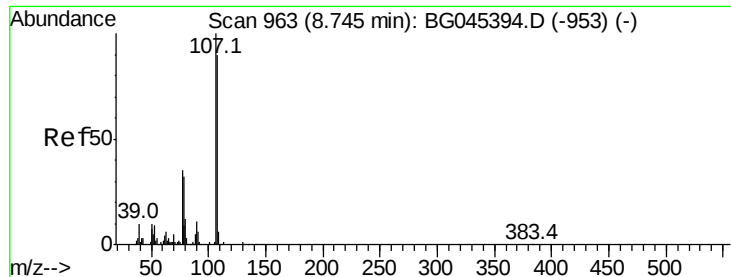
70 100

42 33.5 33.2 49.8

101 0.0 7.8 11.6#

130 2.4 15.4 23.2#





#20

3+4-Methylphenols

Concen: 0.012 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.17 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

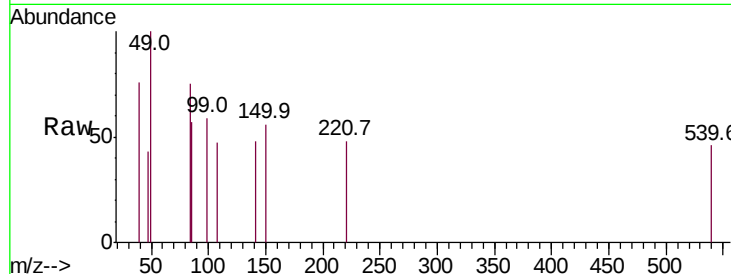
Instrument :

BNA_G

ClientSampleId :

PB128906BL

Tot Ion:	107	Resp:	59
Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.3	110.3#
77	0.0	15.4	55.4#
79	0.0	12.6	52.6#

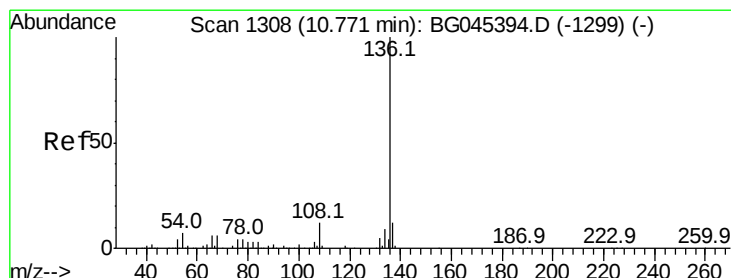
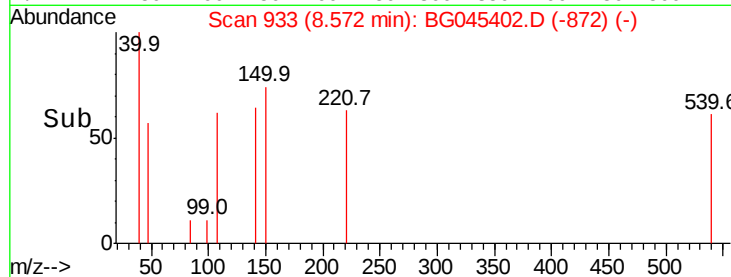
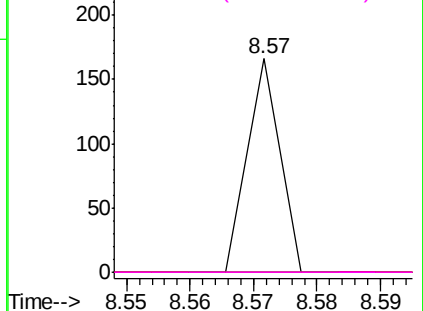


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

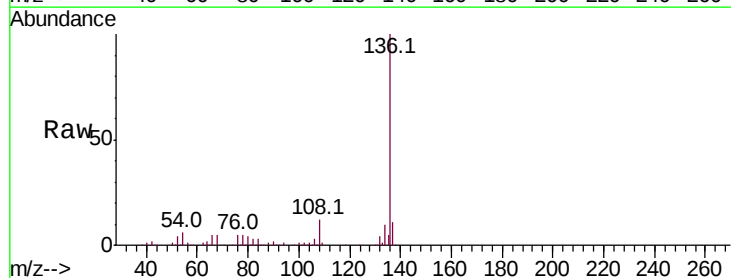
RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:	136	Resp:	257380
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	5.7	5.8	8.6#
68	5.4	4.5	6.7

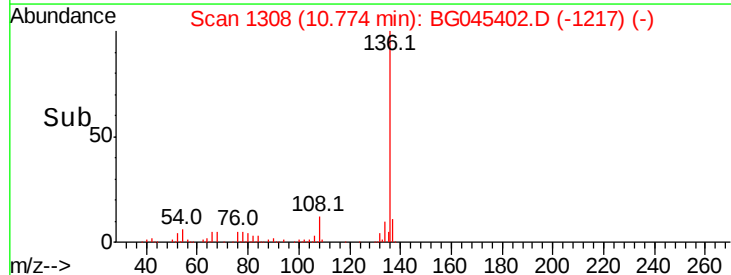
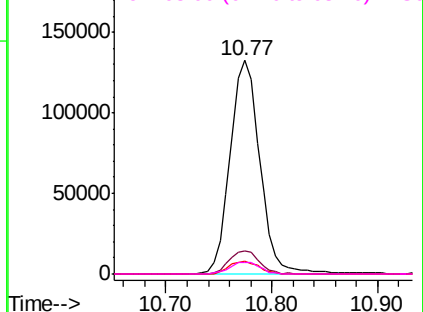


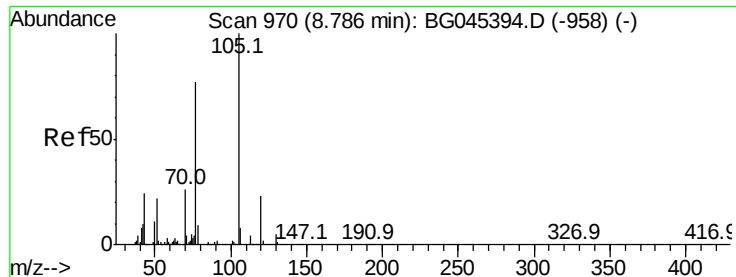
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 0.009 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.40 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

Tot Ion:105 Resp: 57

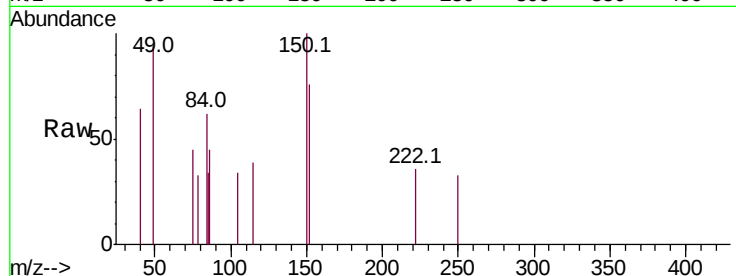
Ion Ratio Lower Upper

105 100

71 0.0 3.4 5.0#

51 0.0 18.2 27.2#

120 0.0 18.6 27.8#

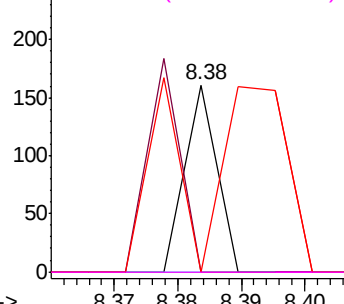


Abundance Ion 105.00 (104.70 to 105.70): E

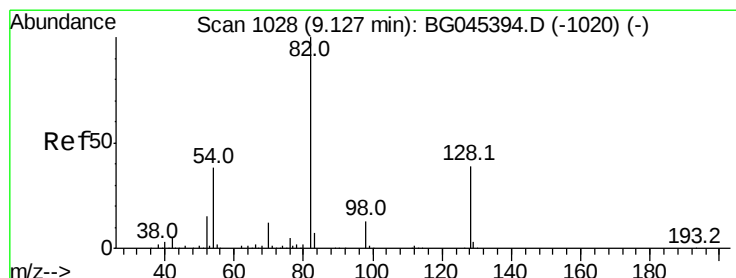
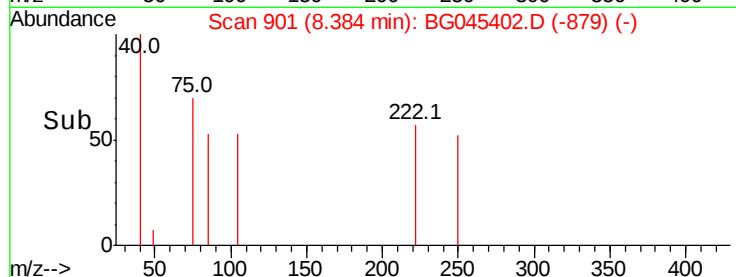
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 98.955 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

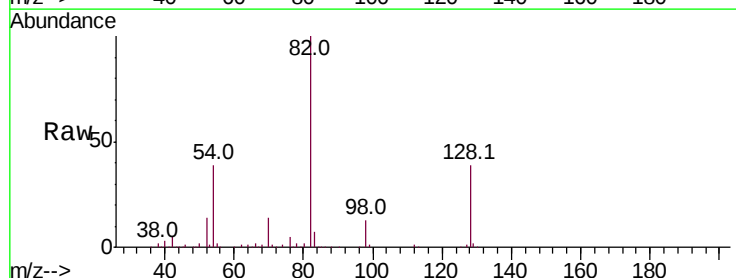
Tgt Ion: 82 Resp: 467050

Ion Ratio Lower Upper

82 100

128 39.1 30.9 46.3

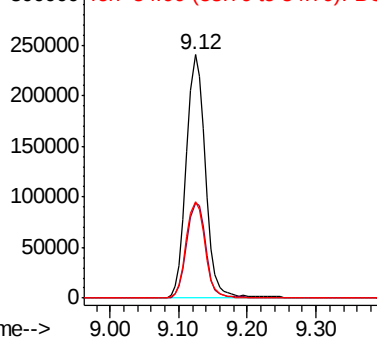
54 39.5 30.3 45.5



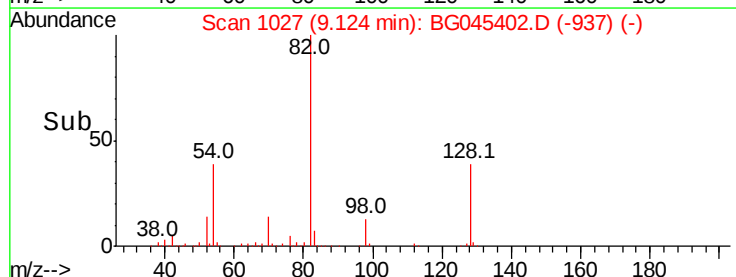
Abundance Ion 82.00 (81.70 to 82.70): BG

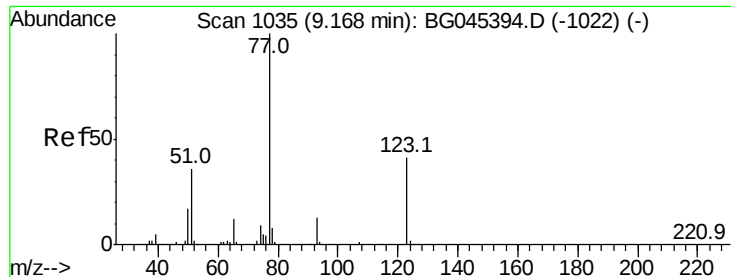
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG



Time-->

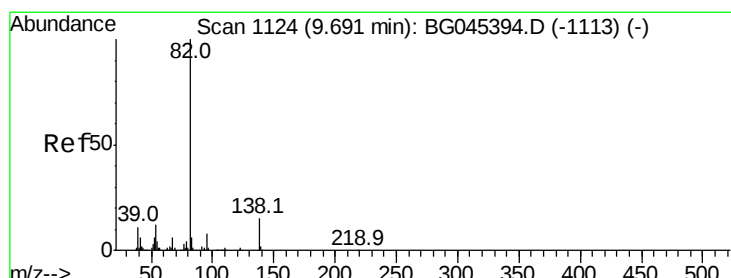
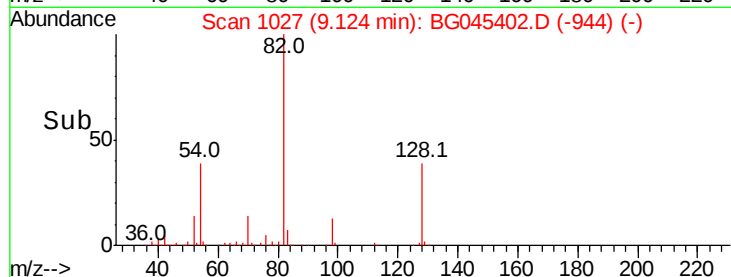
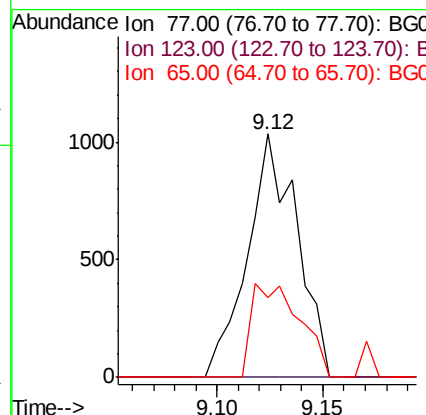
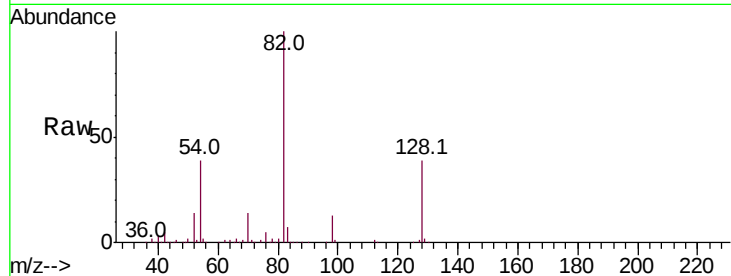




#24
Nitrobenzene
Concen: 0.334 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

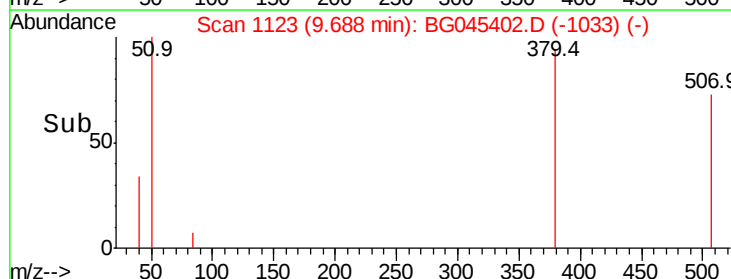
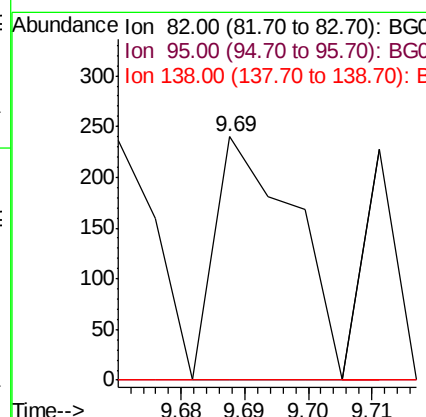
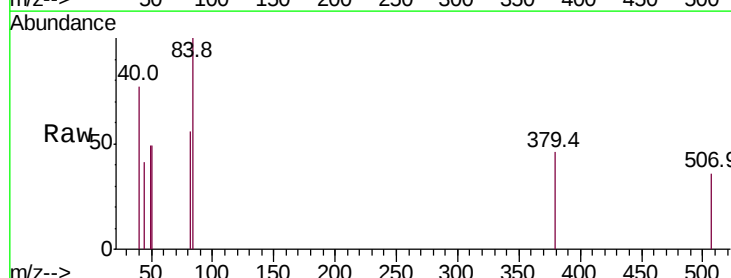
Instrument :
BNA_G
ClientSampleId :
PB128906BL

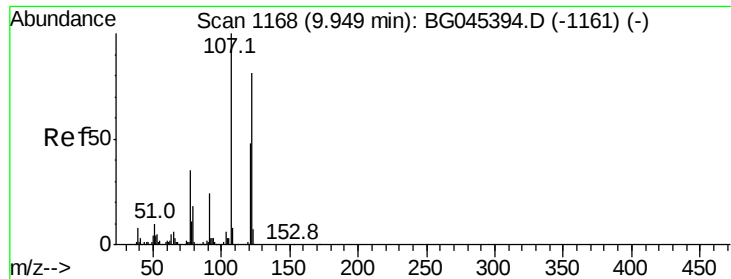
Tot Ion: 77 Resp: 1689
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 32.7 9.4 14.2#



#25
Isophorone
Concen: 0.022 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 82 Resp: 207
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 12.2 18.4#

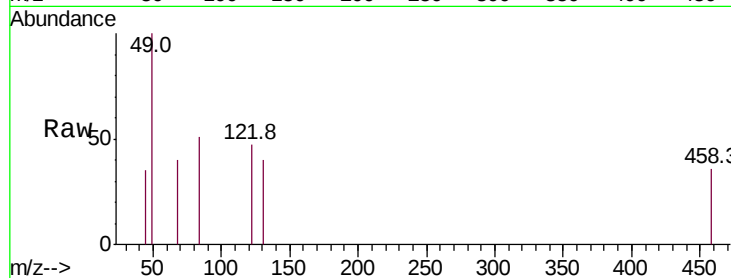




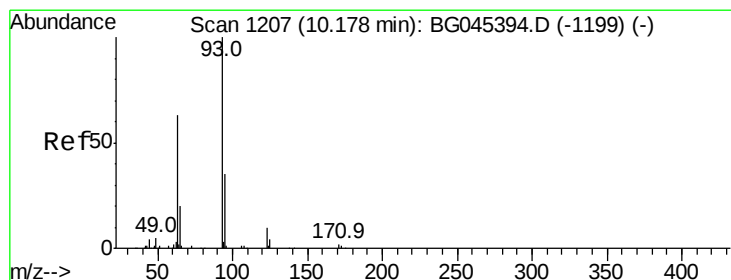
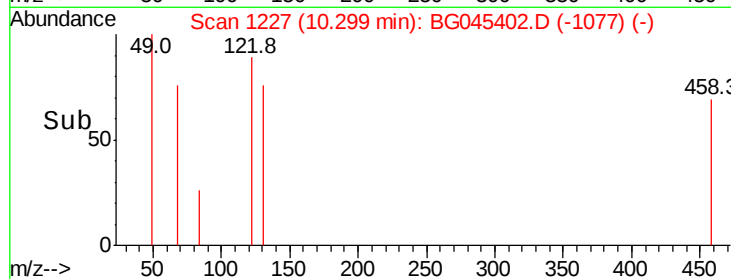
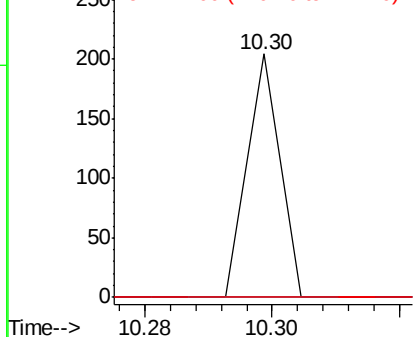
#27
2,4-Dimethylphenol
Concen: 0.022 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.35 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
107 0.0 99.0 148.4#
121 0.0 47.7 71.5#

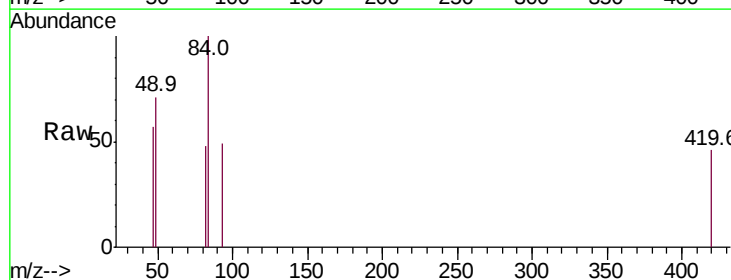


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

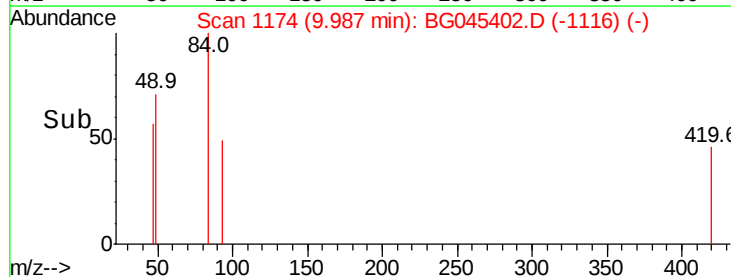
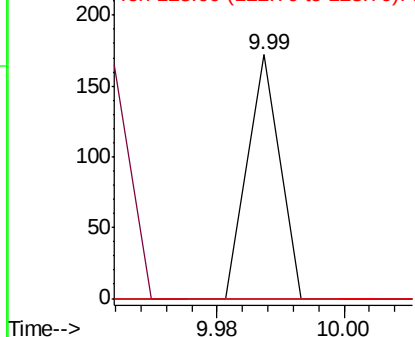


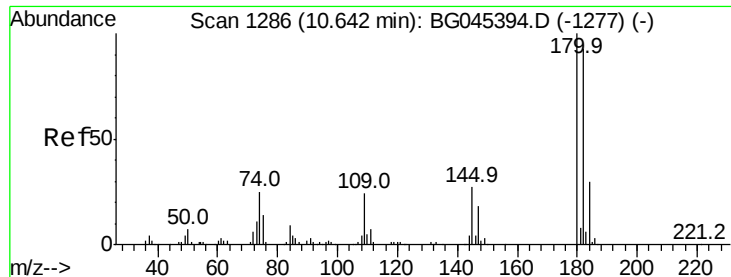
#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.19 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 93 Resp: 61
Ion Ratio Lower Upper
93 100
95 0.0 27.6 41.4#
123 0.0 8.1 12.1#



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





#30

1,2,4-Trichlorobenzene

Concen: 0.015 ng

RT: 11.07 min Scan# 1359

Delta R.T. 0.43 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

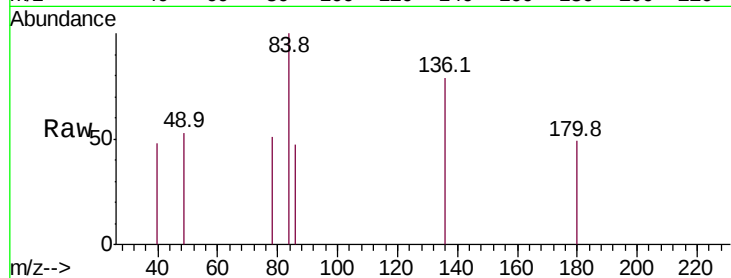
Tot Ion:180 Resp: 66

Ion Ratio Lower Upper

180 100

182 0.0 74.8 112.2#

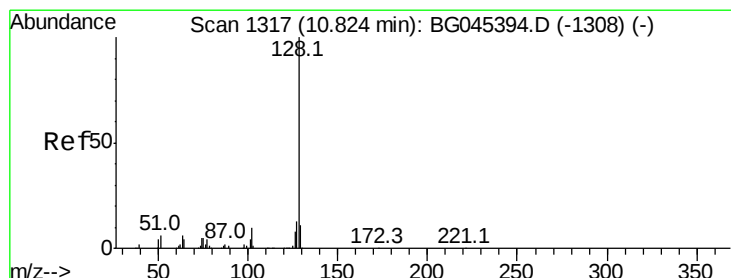
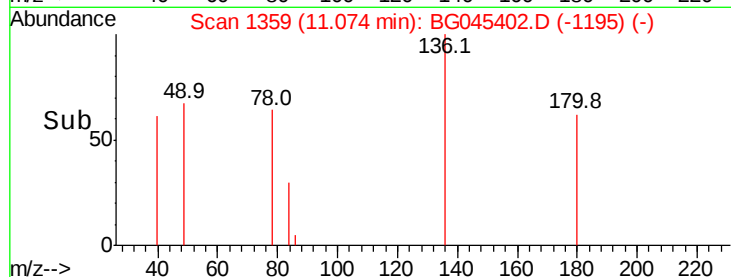
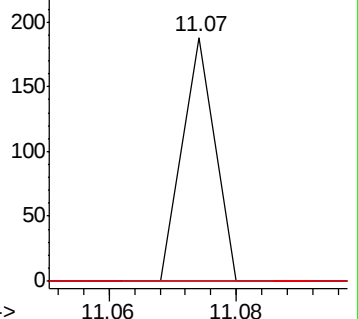
145 0.0 21.9 32.9#



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 0.005 ng

RT: 10.43 min Scan# 1249

Delta R.T. -0.40 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

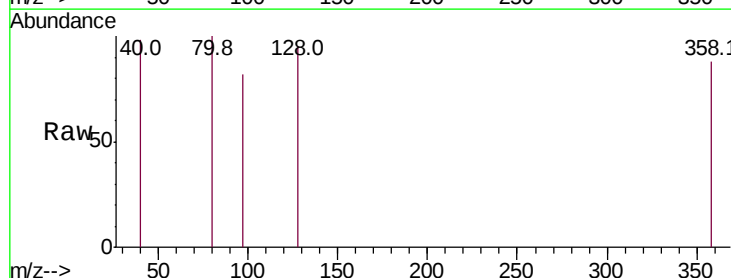
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

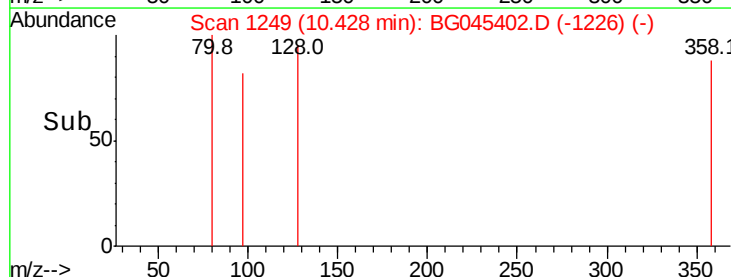
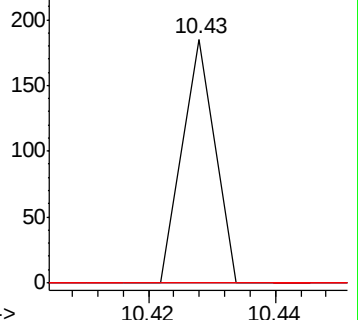
127 0.0 10.7 16.1#

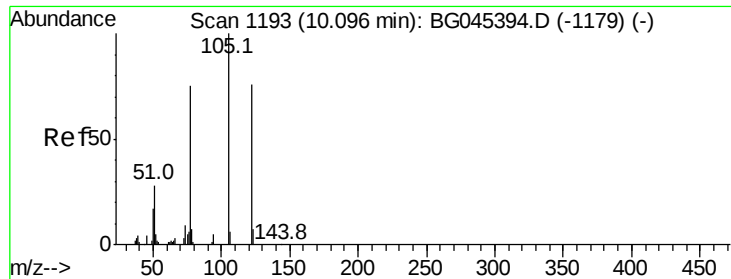


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 10.049 ng

RT: 10.30 min Scan# 1227

Delta R.T. 0.20 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

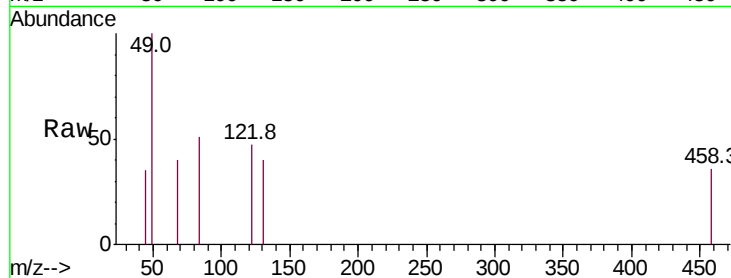
Tot Ion:122 Resp: 72

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

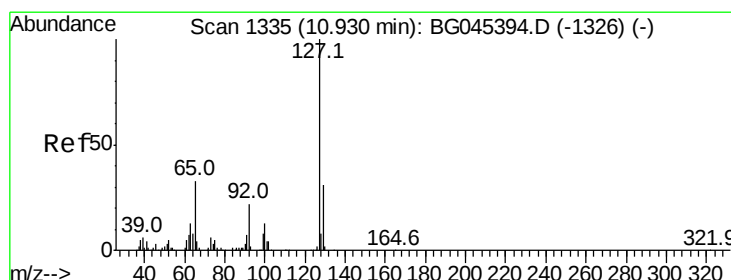
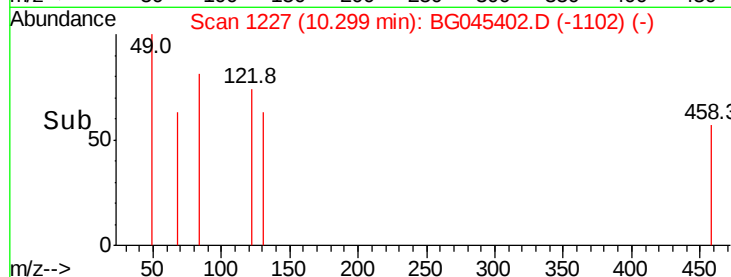
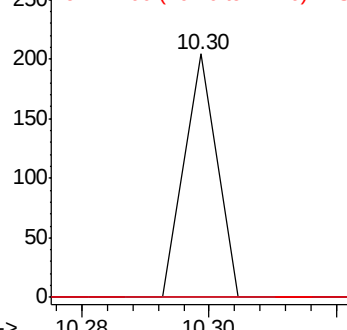
77 0.0 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 0.013 ng

RT: 11.14 min Scan# 1371

Delta R.T. 0.21 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:127 Resp: 63

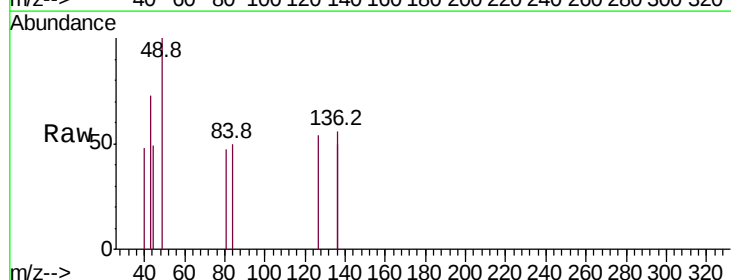
Ion Ratio Lower Upper

127 100

129 0.0 24.7 37.1#

65 0.0 26.2 39.2#

92 0.0 17.9 26.9#

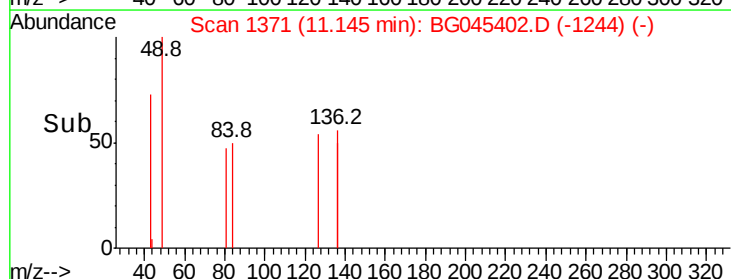
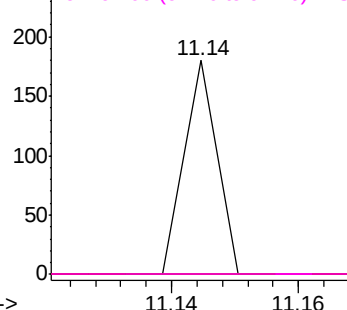


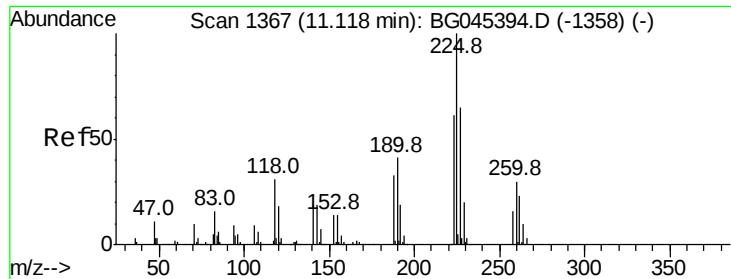
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

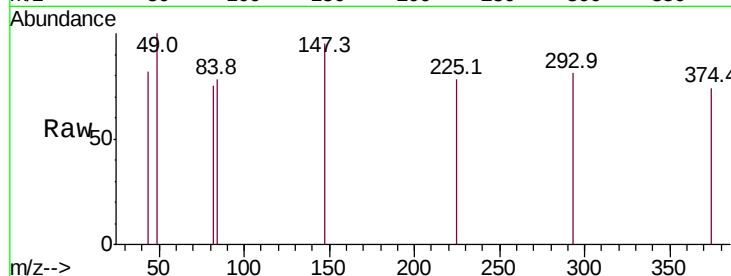




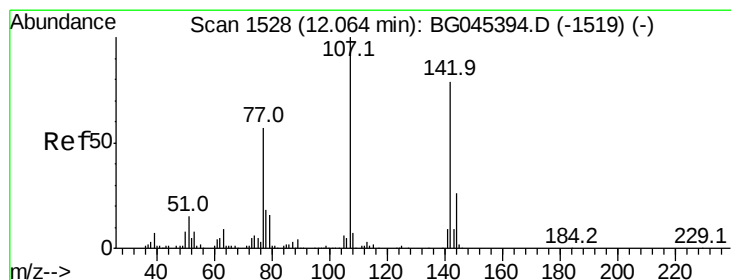
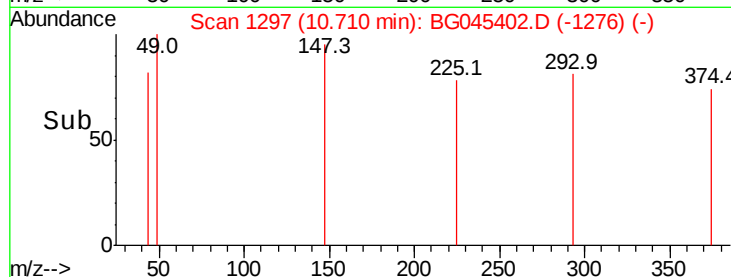
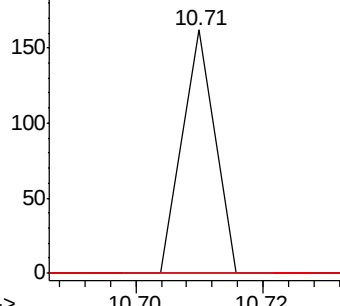
#34
Hexachlorobutadiene
Concen: 0.018 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.41 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:225 Resp: 57
Ion Ratio Lower Upper
225 100
223 0.0 49.1 73.7#
227 0.0 52.0 78.0#

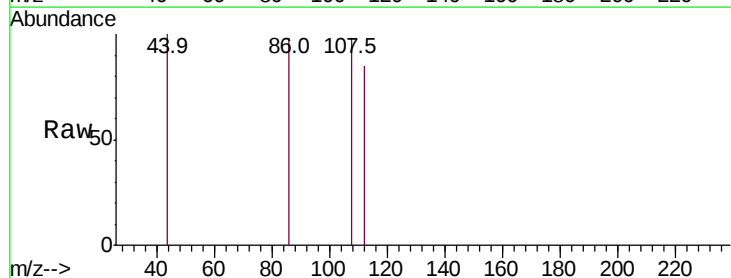


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

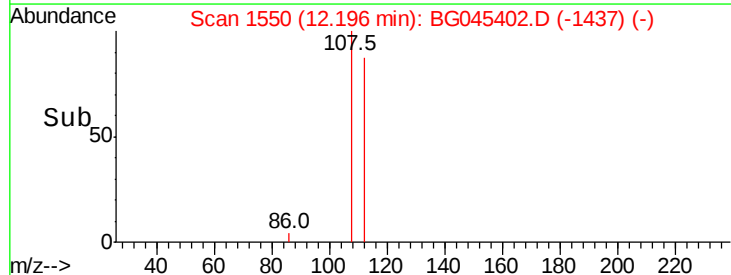
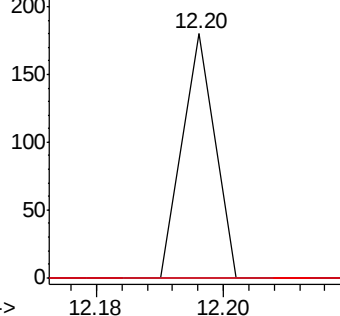


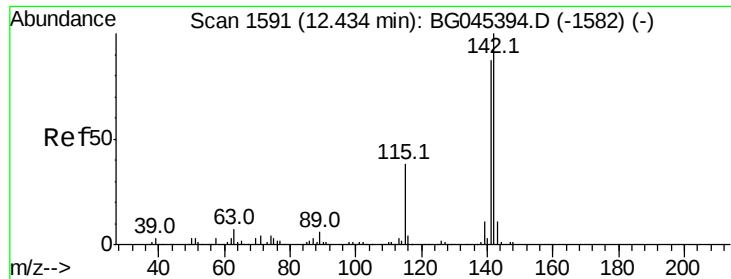
#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 12.20 min Scan# 1550
Delta R.T. 0.13 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:107 Resp: 63
Ion Ratio Lower Upper
107 100
144 0.0 20.8 31.2#
142 0.0 62.8 94.2#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.007 ng

RT: 11.97 min Scan# 1512

Delta R.T. -0.46 min

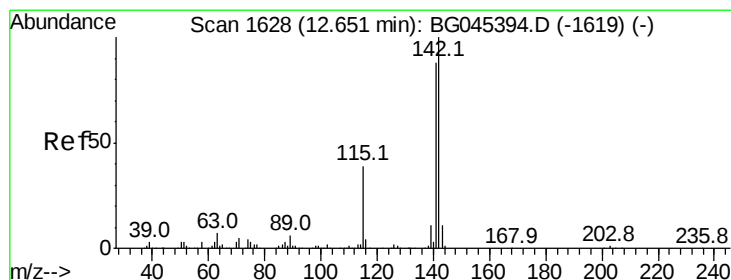
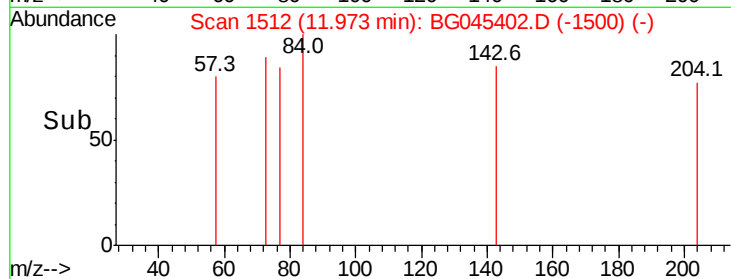
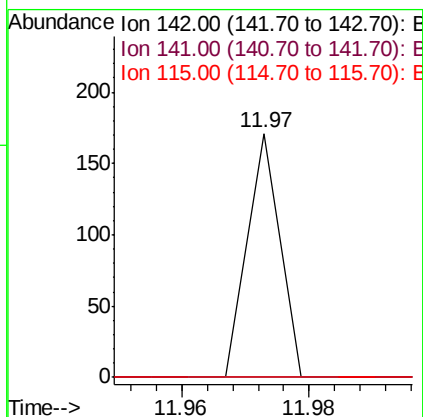
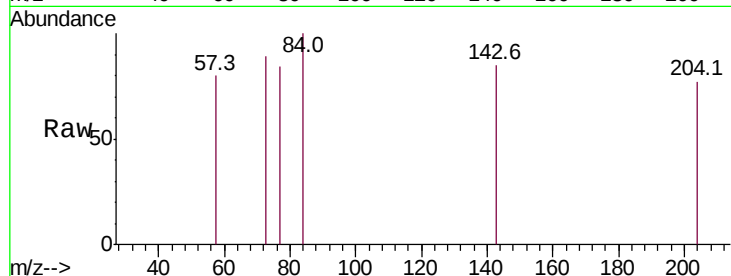
Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.0	105.0#
115	0.0	30.8	46.2#



#38

1-Methylnaphthalene

Concen: 0.008 ng

RT: 12.92 min Scan# 1673

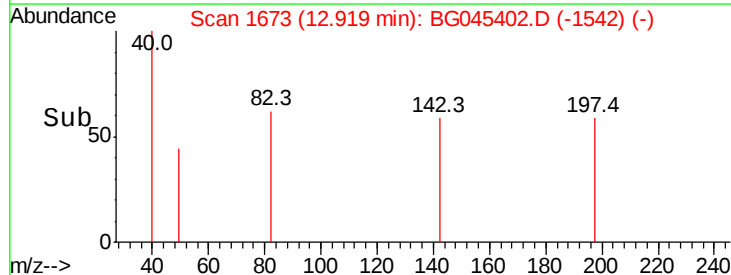
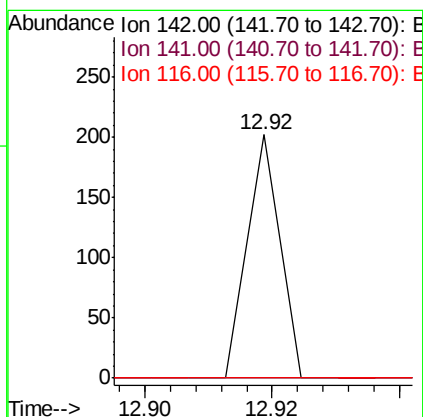
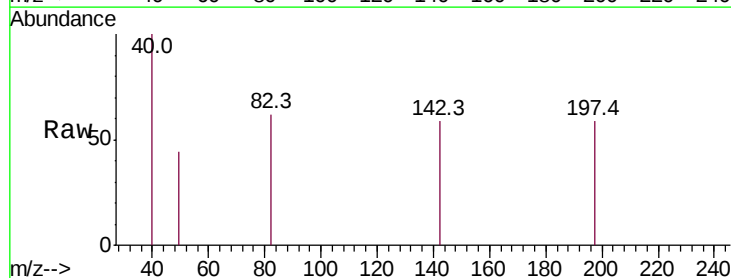
Delta R.T. 0.27 min

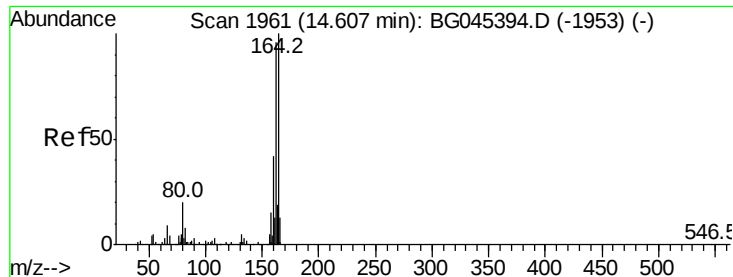
Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
116	0.0	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

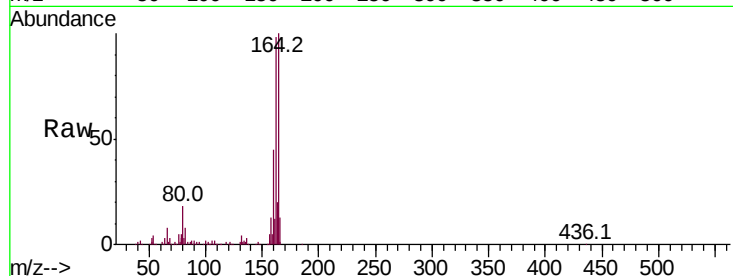
Tot Ion:164 Resp: 183683

Ion Ratio Lower Upper

164 100

162 97.7 76.9 115.3

160 44.6 33.8 50.8

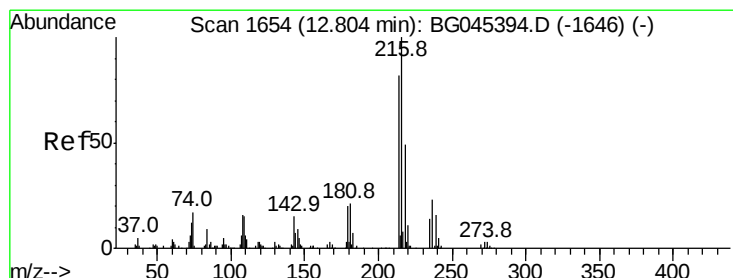
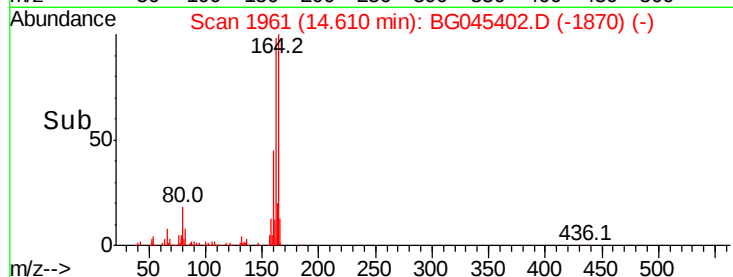
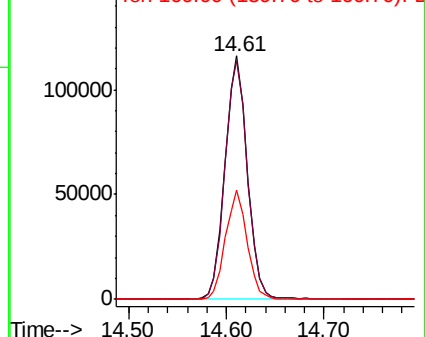


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.013 ng

RT: 13.17 min Scan# 1715

Delta R.T. 0.36 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:216 Resp: 66

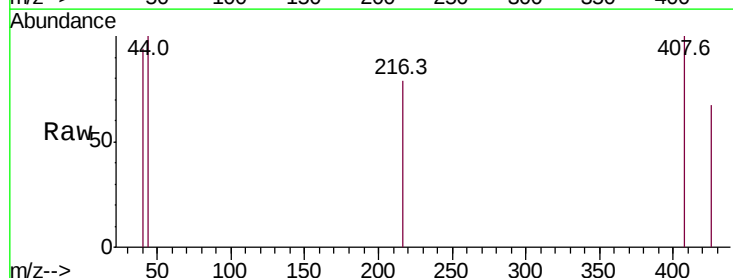
Ion Ratio Lower Upper

216 100

214 0.0 63.7 95.5#

179 0.0 16.1 24.1#

108 0.0 13.8 20.6#



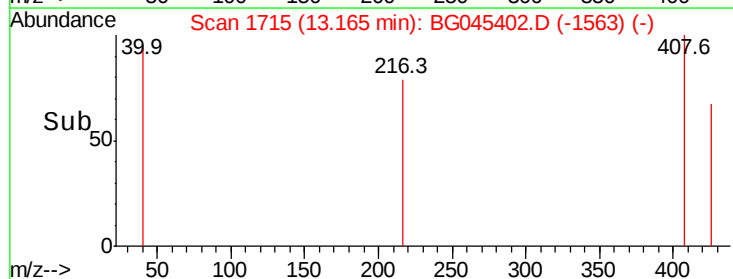
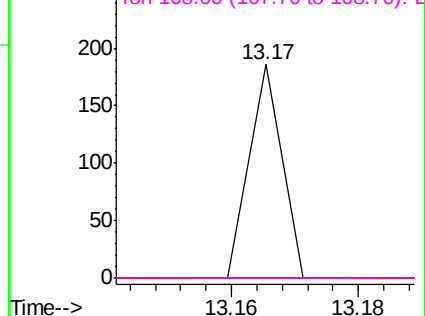
Abundance

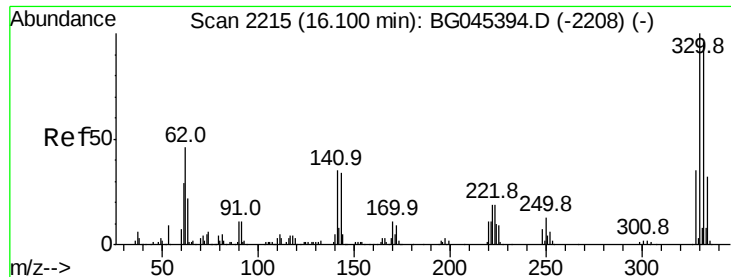
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

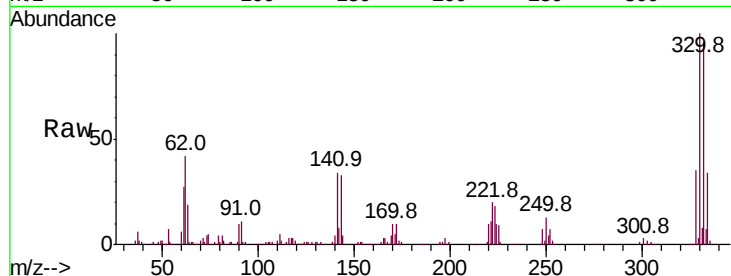




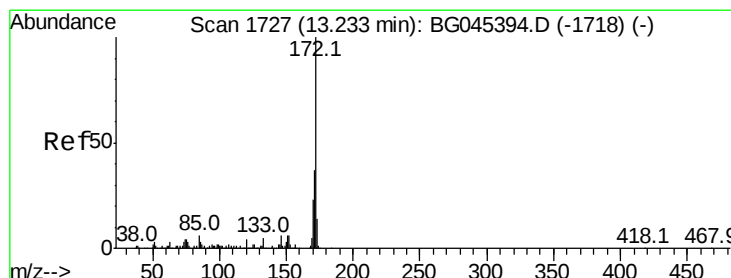
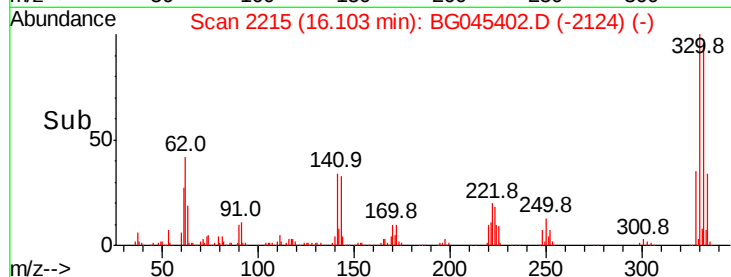
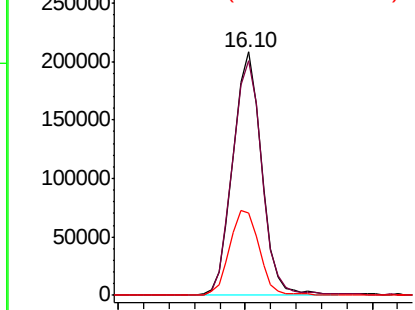
#42
 2,4,6-Tribromophenol
 Concen: 139.443 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.2	117.4
141	36.0	28.2	42.4

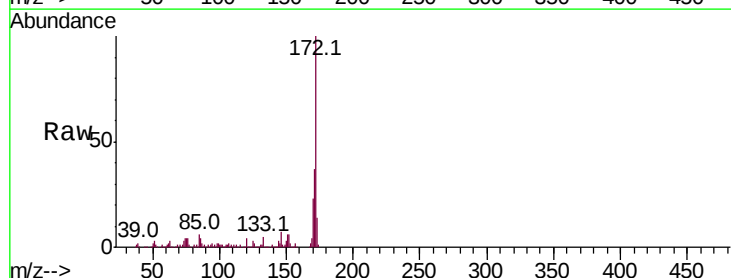


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

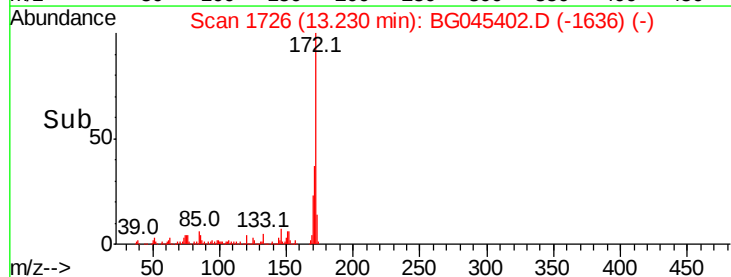
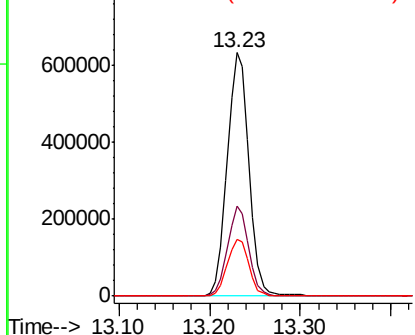


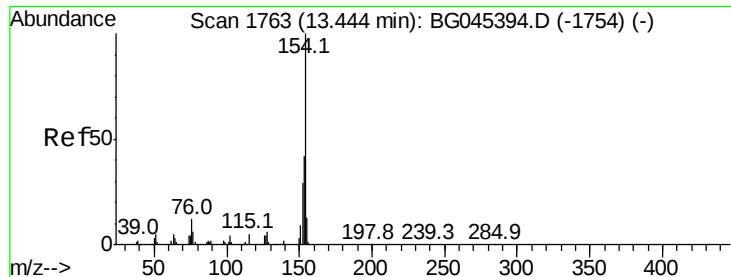
#45
 2-Fluorobiphenyl
 Concen: 97.036 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	23.3	18.5	27.7



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: 0.178 ng

RT: 13.45 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

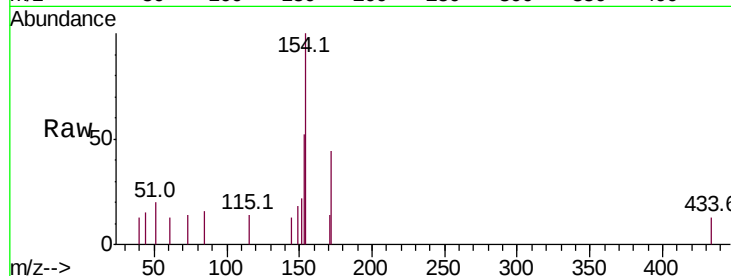
Tot Ion:154 Resp: 2004

Ion Ratio Lower Upper

154 100

153 52.0 22.2 62.2

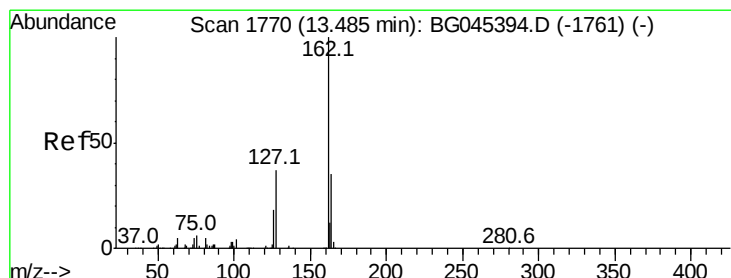
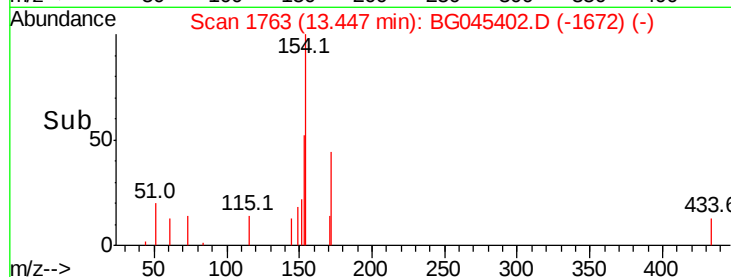
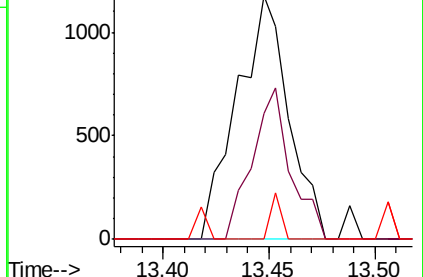
76 0.0 0.0 32.4



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



#47

2-Chloronaphthalene

Concen: 0.006 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.20 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

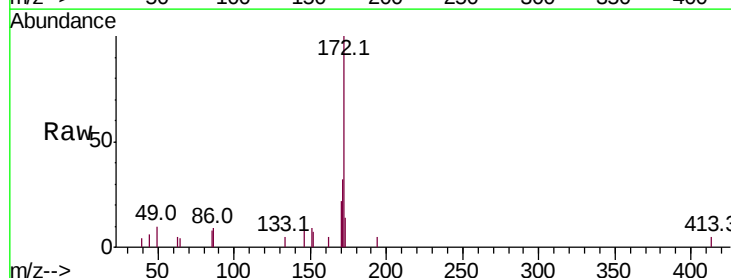
Tgt Ion:162 Resp: 56

Ion Ratio Lower Upper

162 100

127 0.0 31.6 47.4#

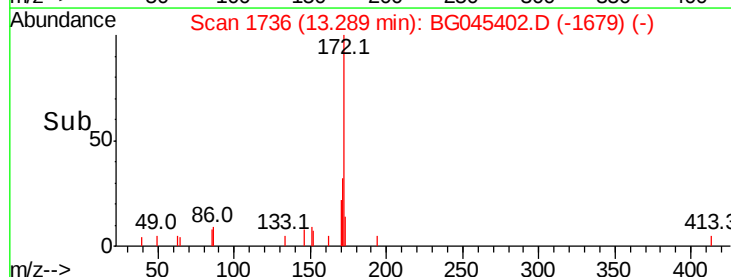
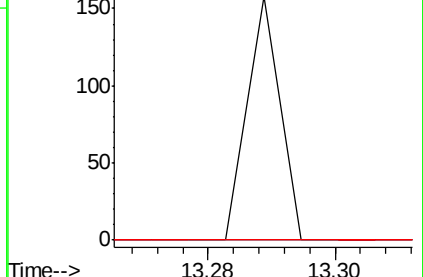
164 0.0 28.1 42.1#

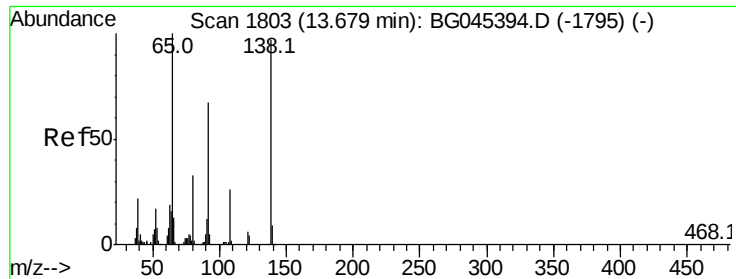


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

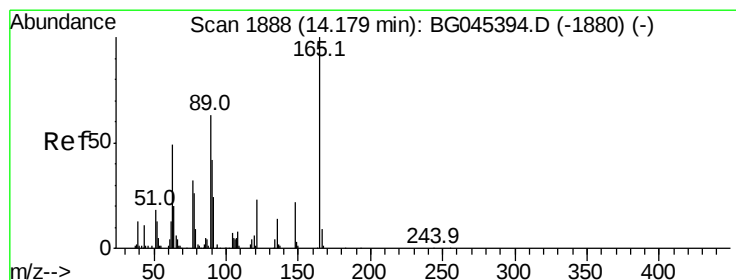
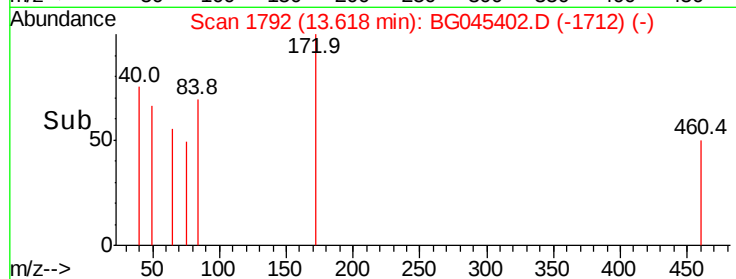
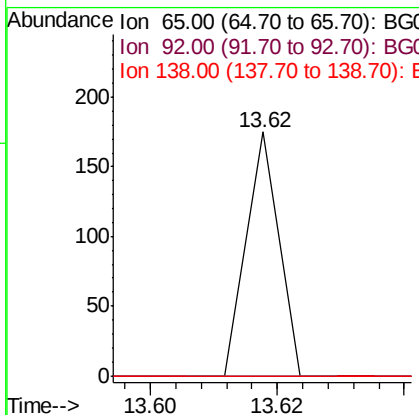
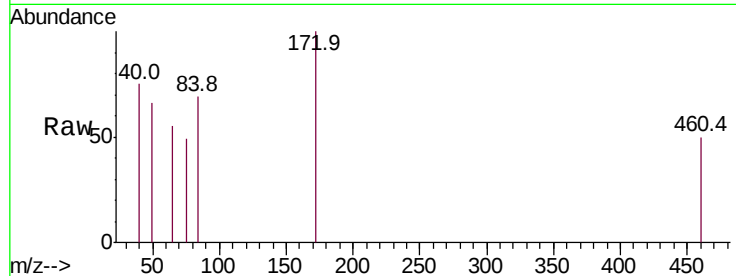




#48
2-Nitroaniline
Concen: 0.021 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.06 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

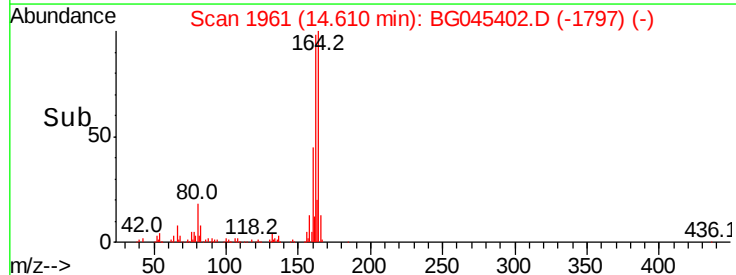
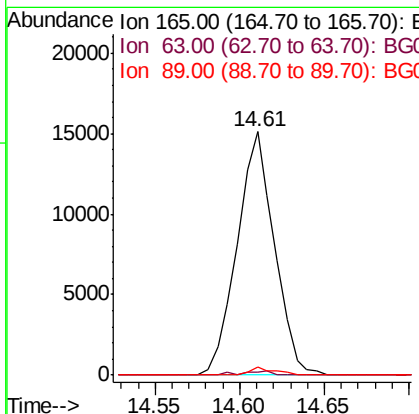
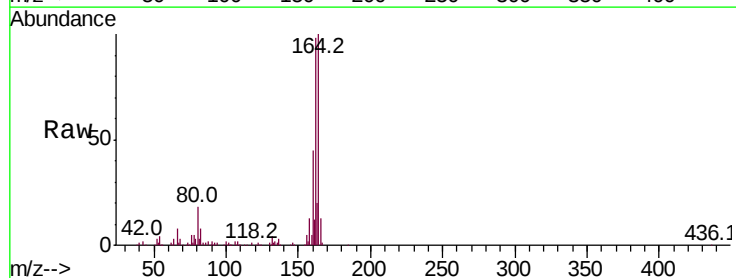
Instrument :
BNA_G
ClientSampleId :
PB128906BL

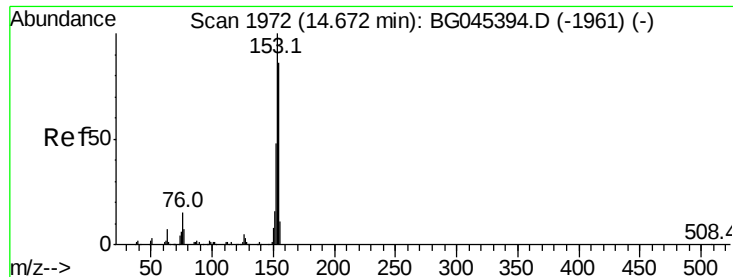
Tot Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 53.8 80.8#
138 0.0 77.9 116.9#



#51
2,6-Dinitrotoluene
Concen: 8.160 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.43 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 165 Resp: 23201
Ion Ratio Lower Upper
165 100
63 1.3 45.0 67.4#
89 3.1 50.2 75.4#





#52

Acenaphthene

Concen: 0.075 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.06 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

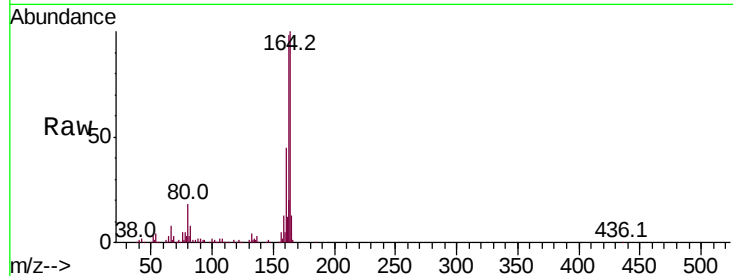
Tot Ion:154 Resp: 735

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

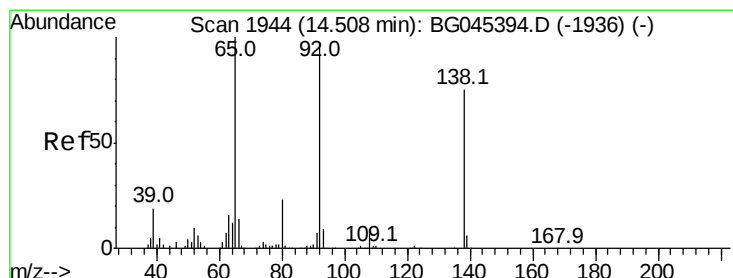
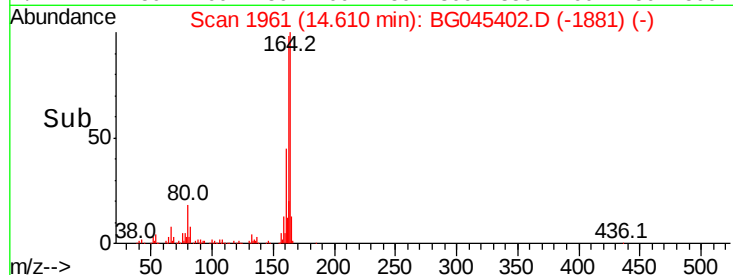
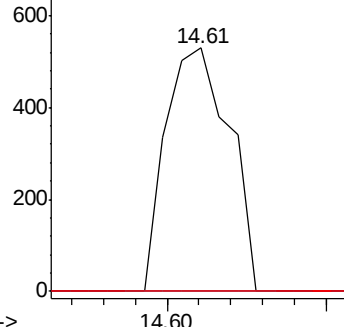
152 0.0 44.6 66.8#



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



#53

3-Nitroaniline

Concen: 0.024 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

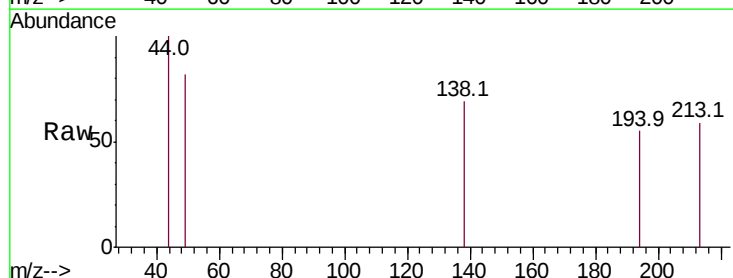
Tgt Ion:138 Resp: 69

Ion Ratio Lower Upper

138 100

108 0.0 9.8 14.6#

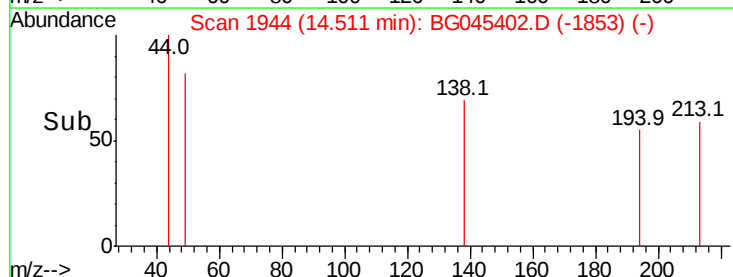
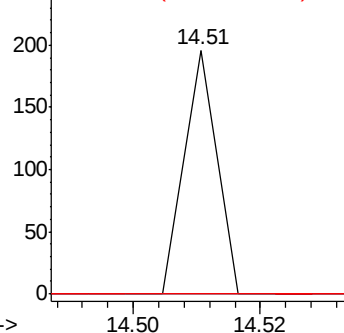
92 0.0 103.0 154.4#

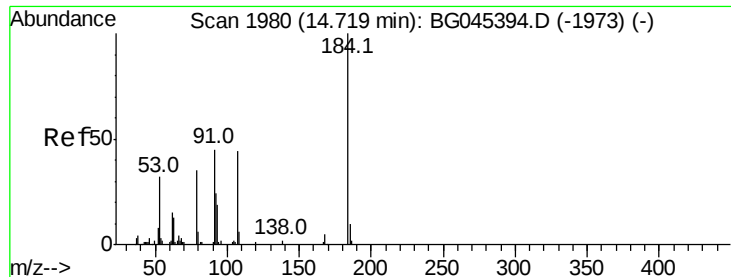


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 5.495 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.11 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

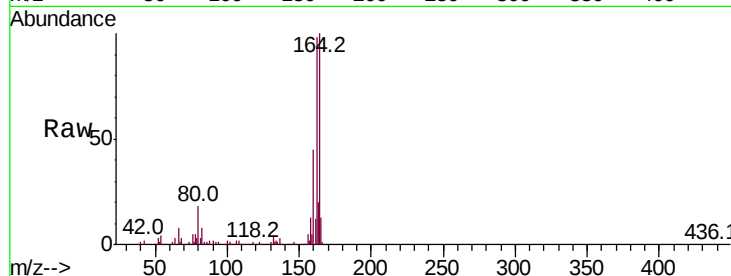
Tot Ion:184 Resp: 73

Ion Ratio Lower Upper

184 100

63 97.1 47.8 71.6#

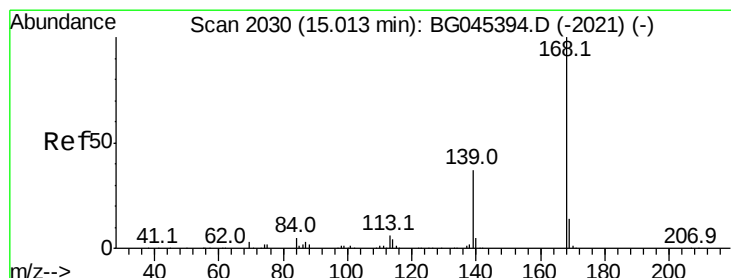
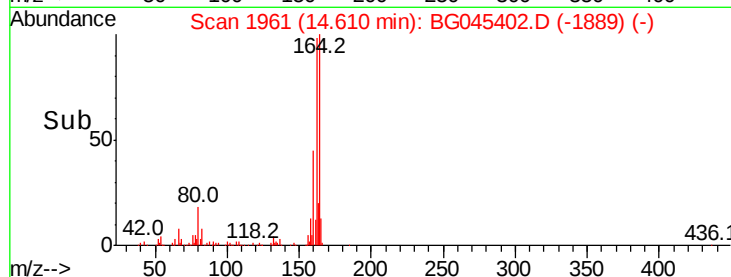
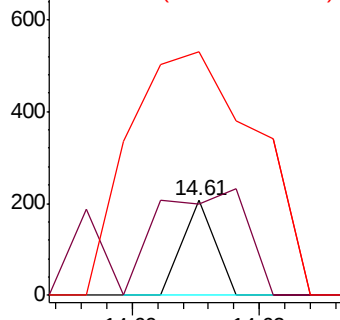
154 257.3 58.3 87.5#



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



#55

Dibenzofuran

Concen: 0.004 ng

RT: 15.13 min Scan# 2049

Delta R.T. 0.11 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

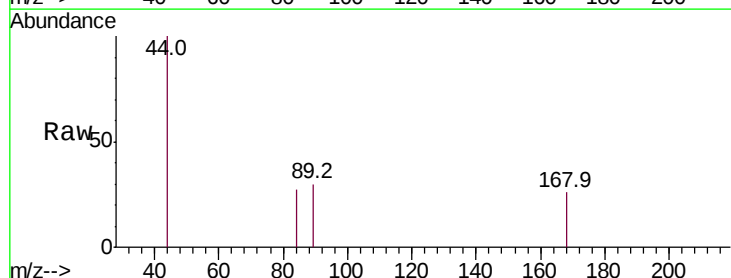
Tgt Ion:168 Resp: 58

Ion Ratio Lower Upper

168 100

139 0.0 29.9 44.9#

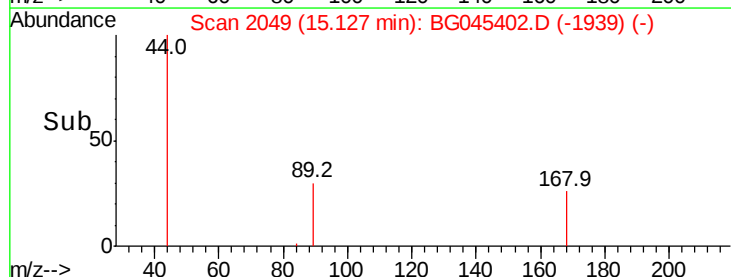
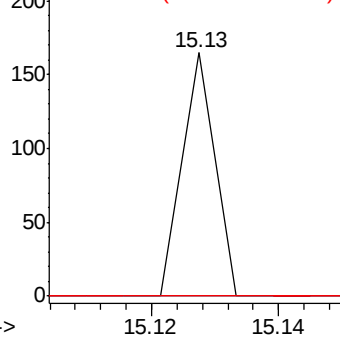
169 0.0 10.9 16.3#

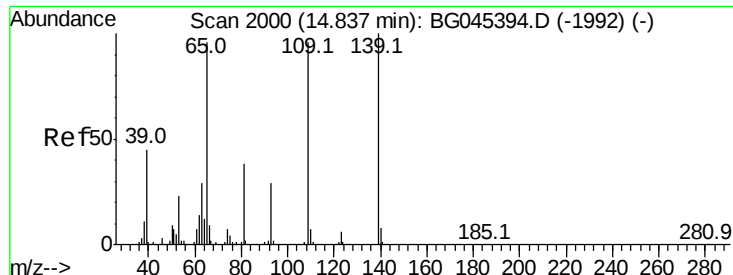


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.029 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.45 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

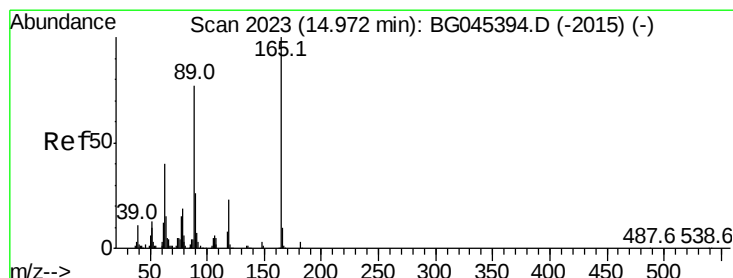
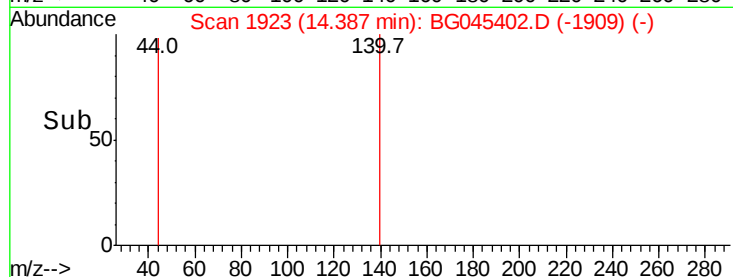
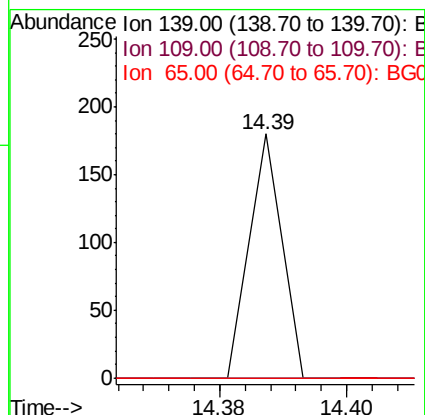
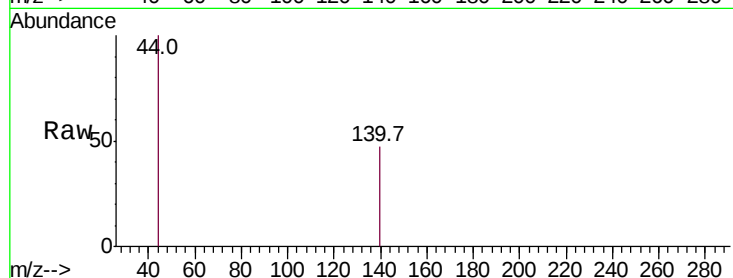
BNA_G

ClientSampleId :

PB128906BL

Tot Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.6	115.6#
65	0.0	76.8	116.8#



#57

2,4-Dinitrotoluene

Concen: 5.634 ng

RT: 14.61 min Scan# 1961

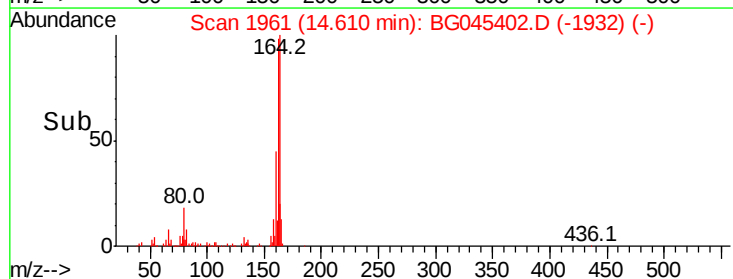
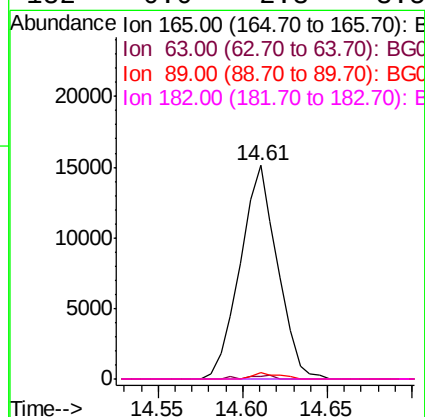
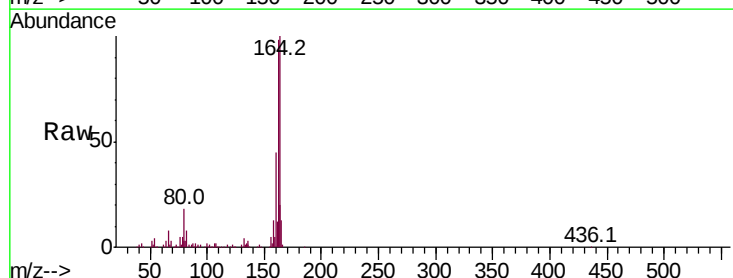
Delta R.T. -0.36 min

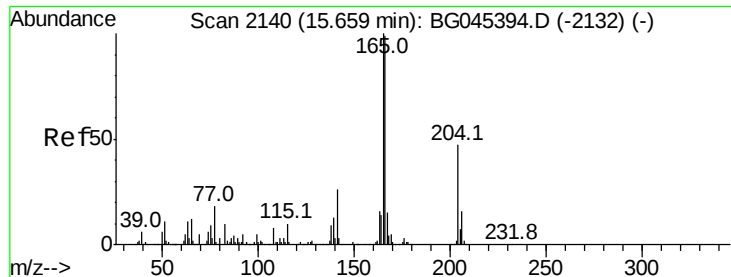
Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:165 Resp: 23201

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	3.1	61.8	92.6#
182	0.0	2.3	3.5#





#58

Fluorene

Concen: 0.847 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.44 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

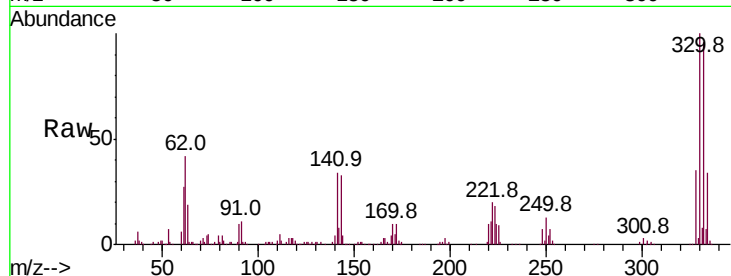
Tot Ion:166 Resp: 10186

Ion Ratio Lower Upper

166 100

165 99.6 80.8 121.2

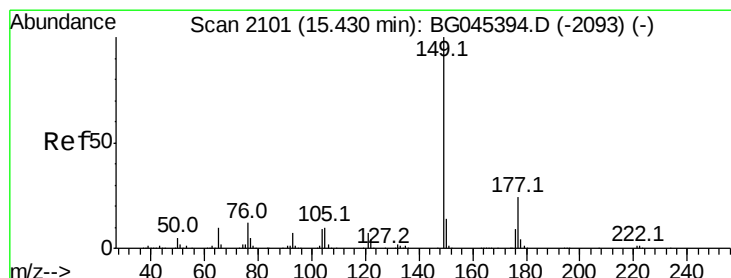
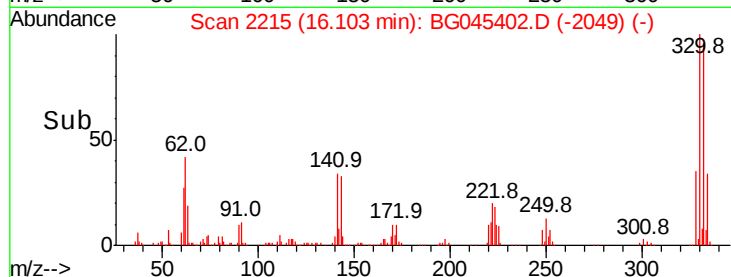
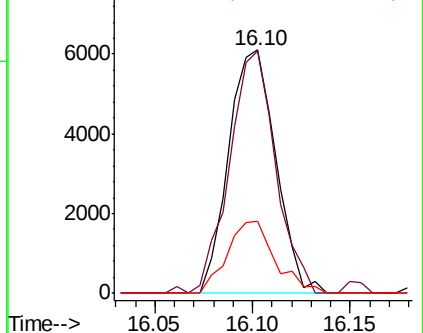
167 29.7 12.0 18.0#



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



#60

Diethylphthalate

Concen: 0.005 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.29 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

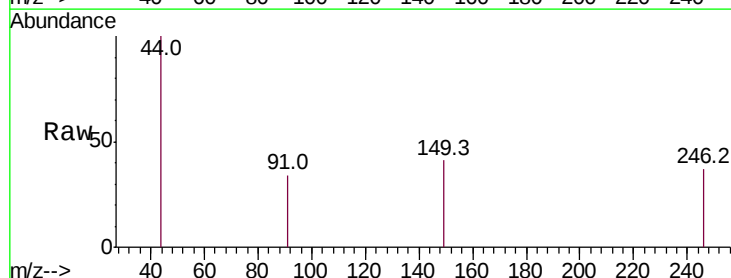
Tgt Ion:149 Resp: 67

Ion Ratio Lower Upper

149 100

177 0.0 19.0 28.4#

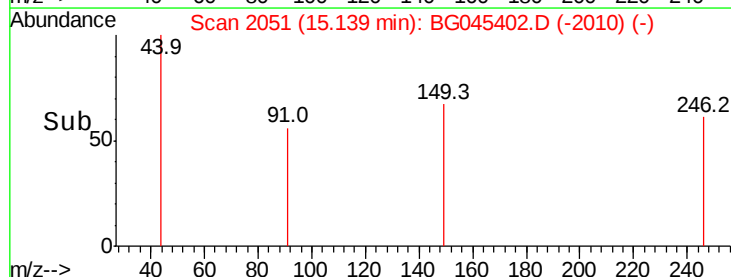
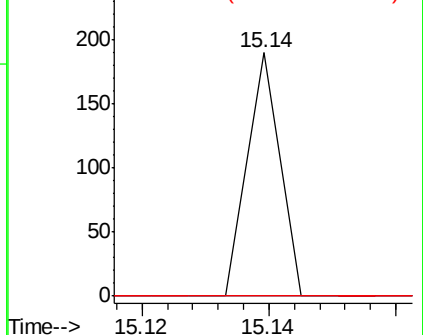
150 0.0 11.4 17.0#

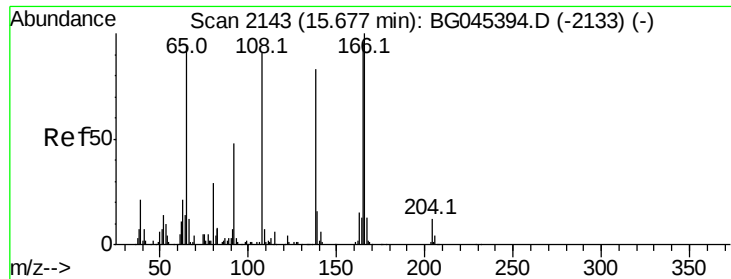


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

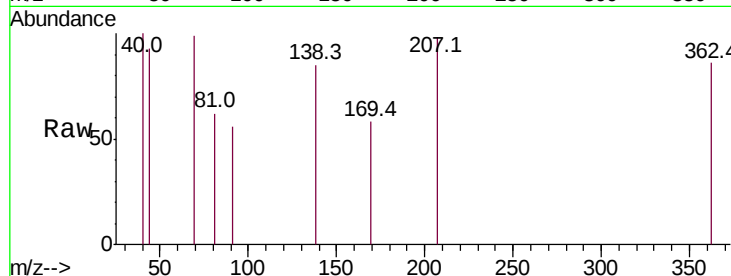




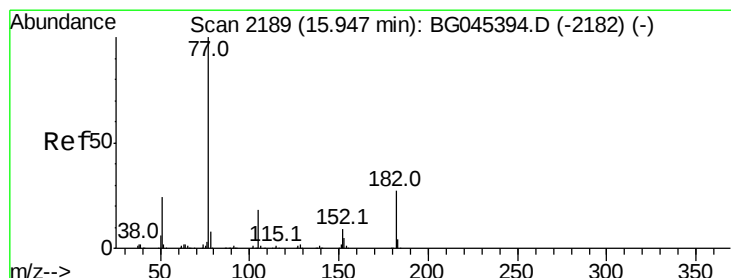
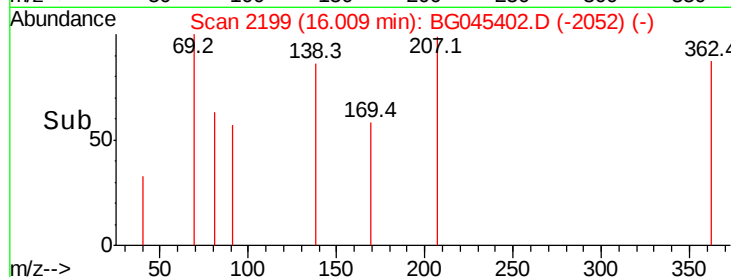
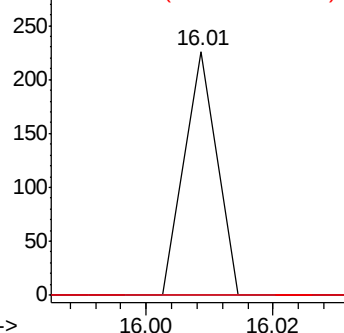
#62
4-Nitroaniline
Concen: 0.027 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.33 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:138 Resp: 80
Ion Ratio Lower Upper
138 100
92 0.0 38.0 78.0#
108 0.0 89.3 129.3#

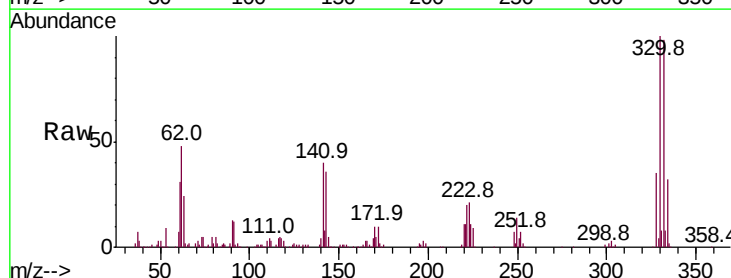


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

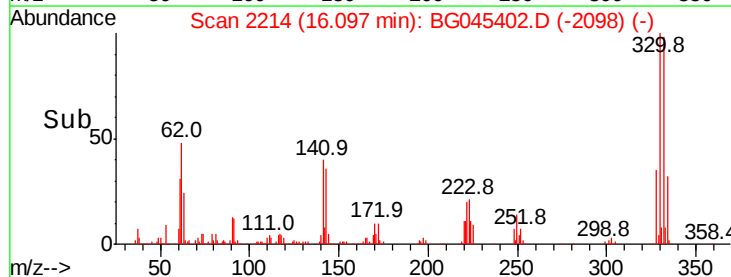
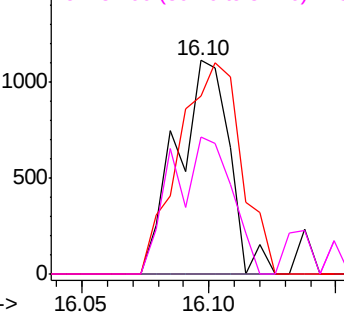


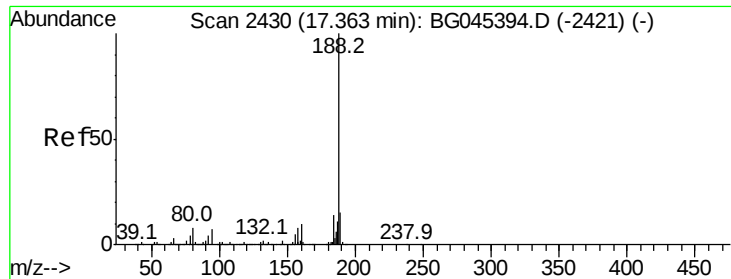
#63
Azobenzene
Concen: 0.131 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.15 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 77 Resp: 1598
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 83.5 0.0 37.9#
51 64.2 4.1 44.1#



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: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

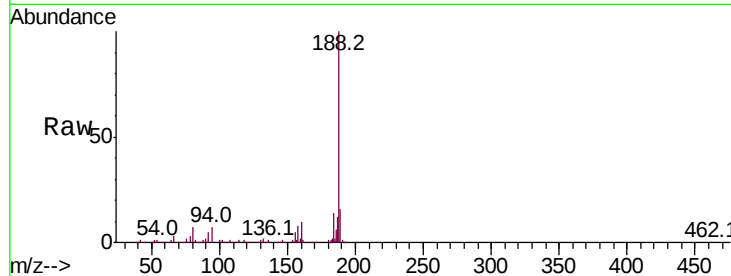
Tot Ion:188 Resp: 431230

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

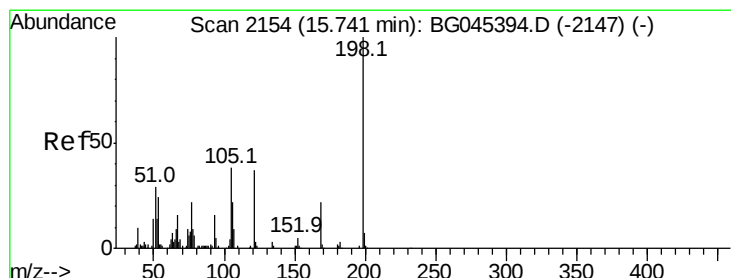
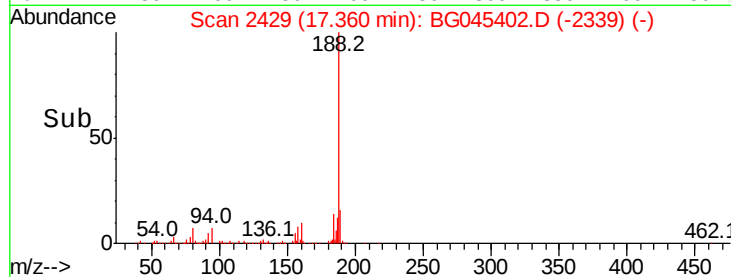
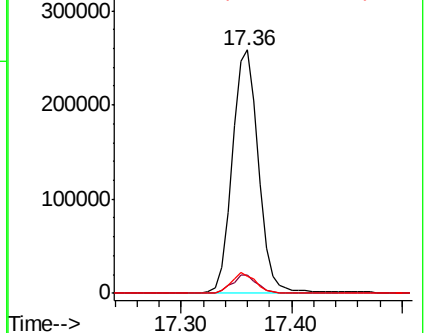
80 7.0 6.6 10.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.025 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.37 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

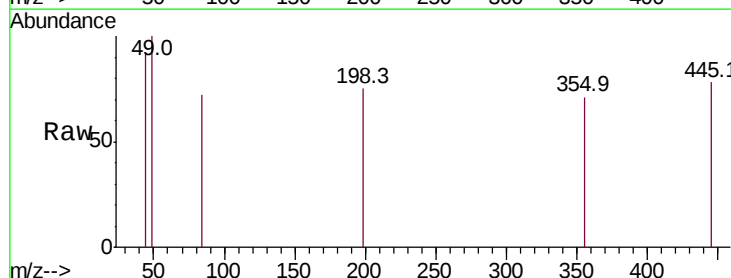
Tgt Ion:198 Resp: 63

Ion Ratio Lower Upper

198 100

51 0.0 10.0 50.0#

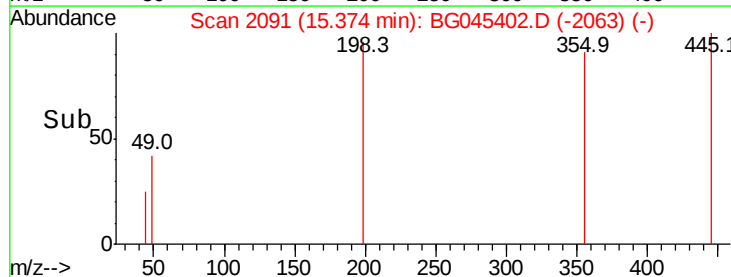
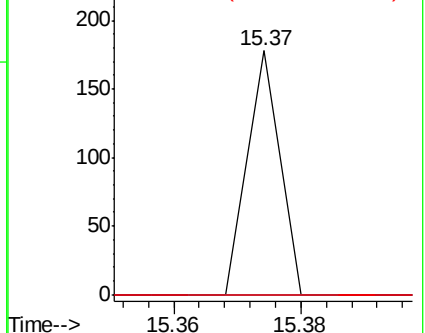
105 0.0 18.9 58.9#

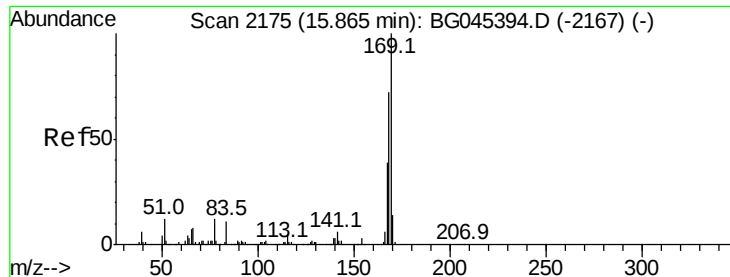


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 1.082 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.24 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

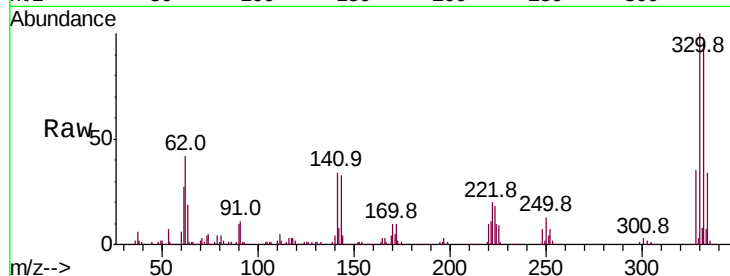
Tot Ion:169 Resp: 11208

Ion Ratio Lower Upper

169 100

168 10.3 57.8 86.6#

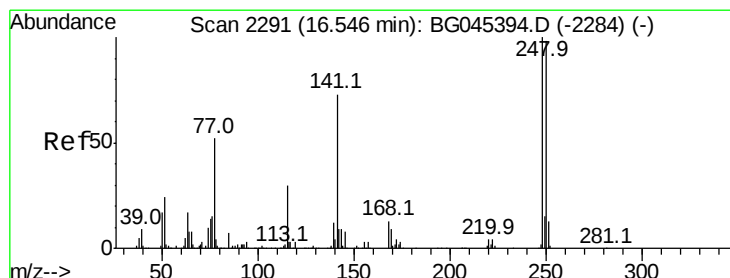
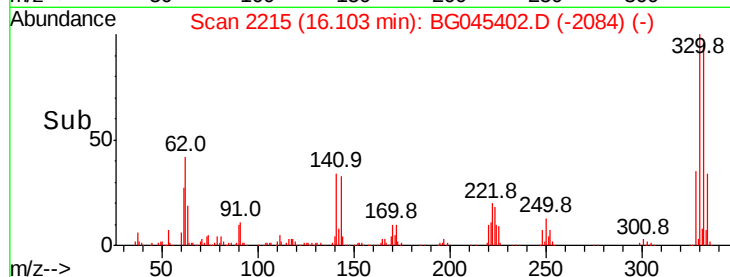
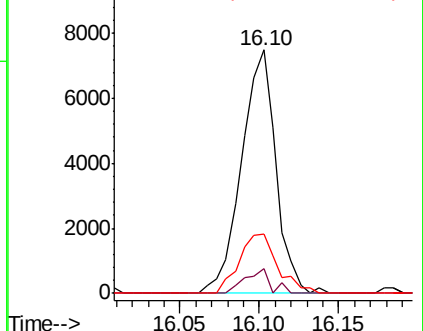
167 24.2 31.5 47.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.860 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.44 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

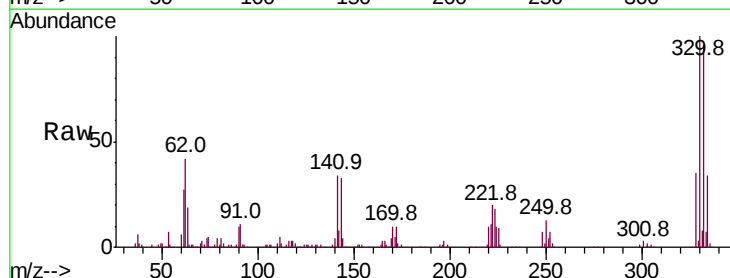
Tgt Ion:248 Resp: 22693

Ion Ratio Lower Upper

248 100

250 187.1 78.6 117.8#

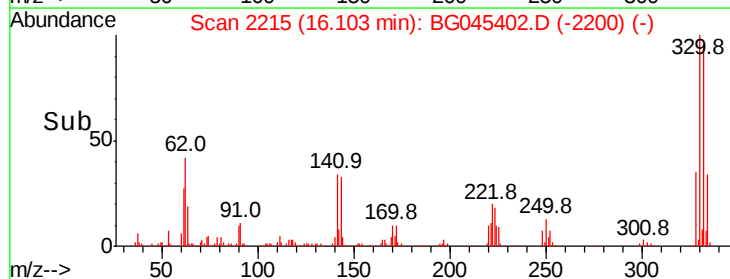
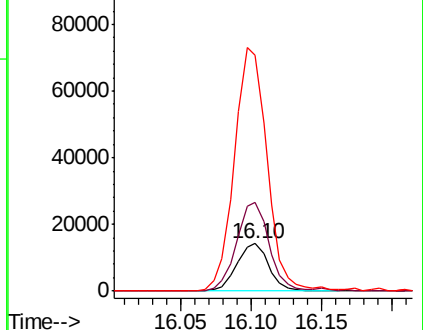
141 499.6 58.2 87.2#

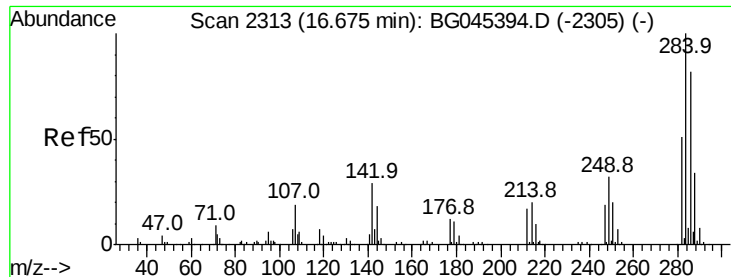


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 0.011 ng

RT: 16.95 min Scan# 2360

Delta R.T. 0.28 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

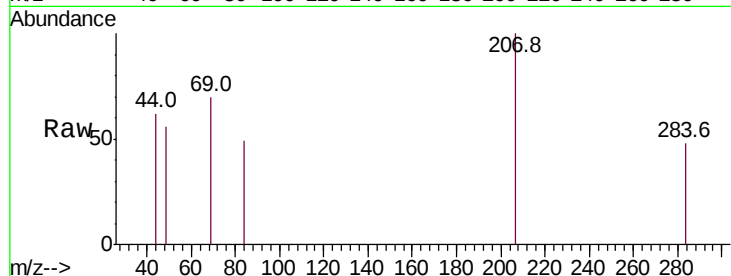
Tot Ion:284 Resp: 55

Ion Ratio Lower Upper

284 100

142 0.0 23.0 34.6#

249 0.0 25.8 38.6#

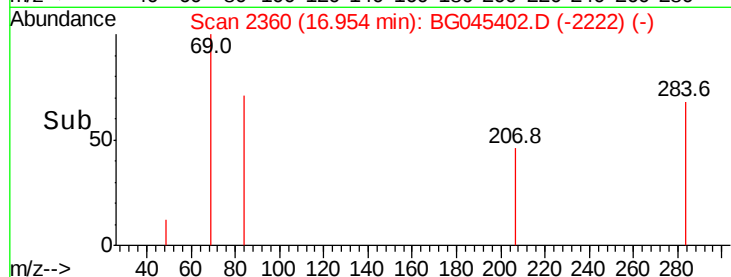


Abundance Ion 283.80 (283.50 to 284.50): E

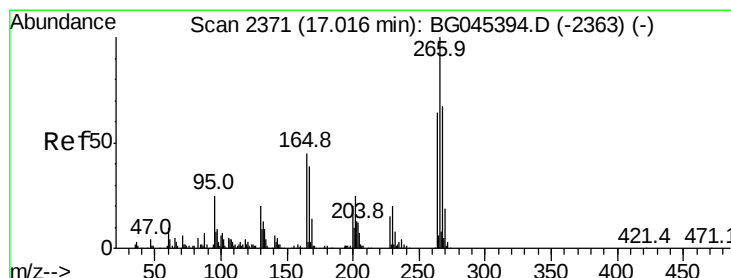
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.95



Time-->



#70

Pentachlorophenol

Concen: 0.026 ng

RT: 17.34 min Scan# 2426

Delta R.T. 0.33 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

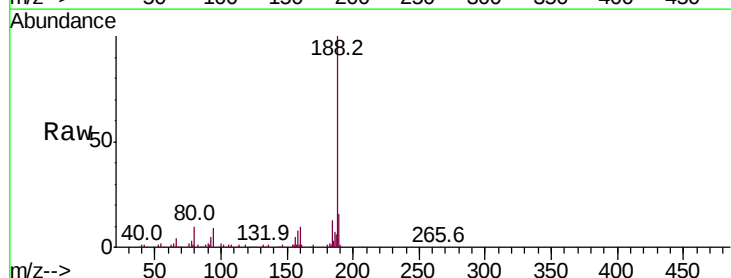
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 0.0 53.2 79.8#

264 0.0 51.0 76.4#

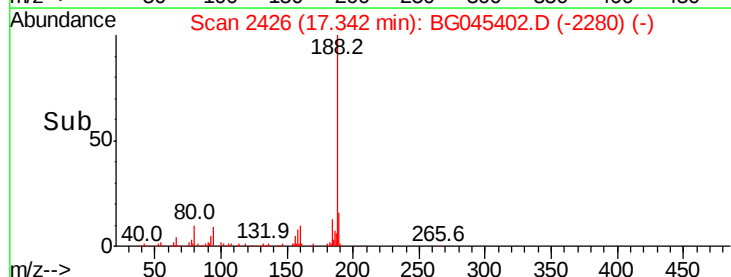


Abundance Ion 265.70 (265.40 to 266.40): E

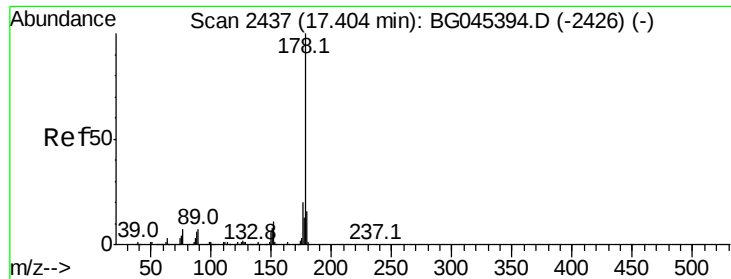
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.34



Time-->



#71

Phenanthrene

Concen: 0.004 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.05 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

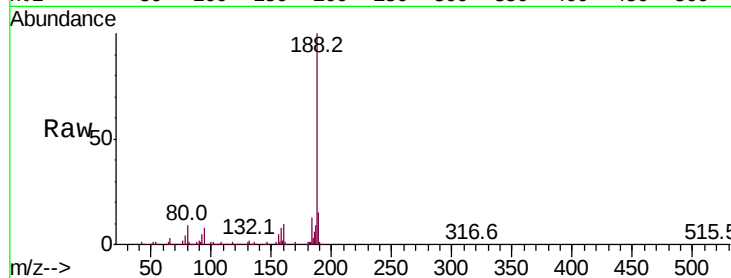
Tot Ion:178 Resp: 72

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

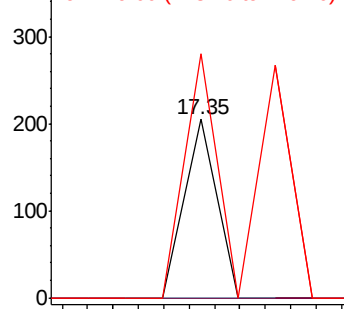
179 136.6 13.1 19.7#



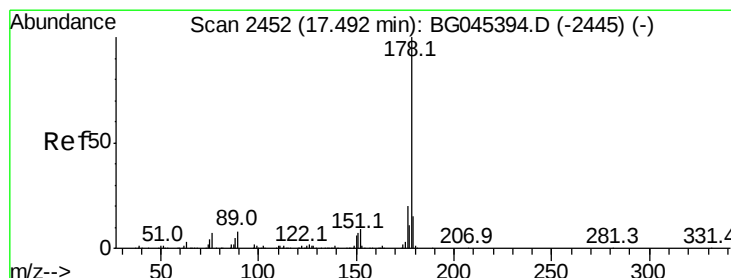
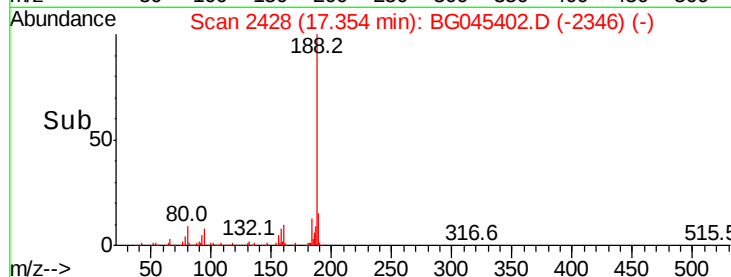
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 0.003 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

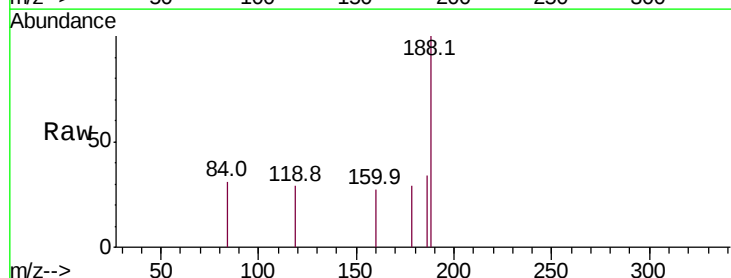
Tgt Ion:178 Resp: 59

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

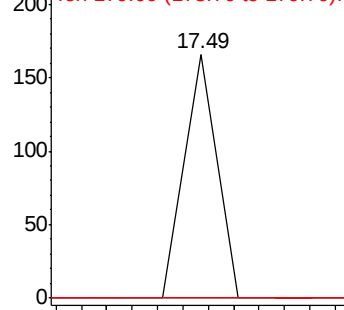
179 0.0 12.2 18.4#



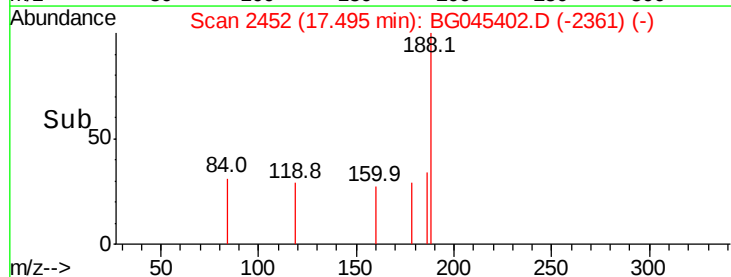
Abundance Ion 178.00 (177.70 to 178.70): E

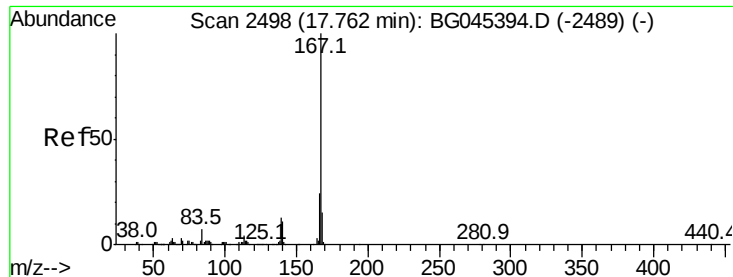
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 0.003 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.25 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

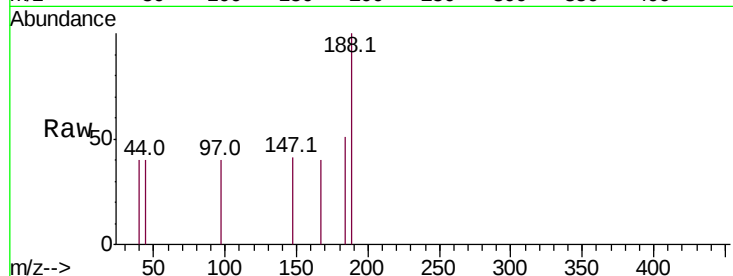
Tot Ion:167 Resp: 54

Ion Ratio Lower Upper

167 100

166 0.0 19.2 28.8#

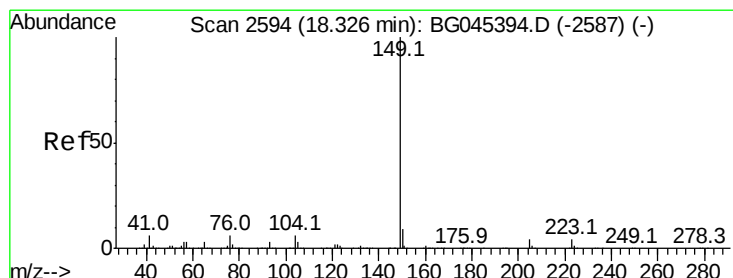
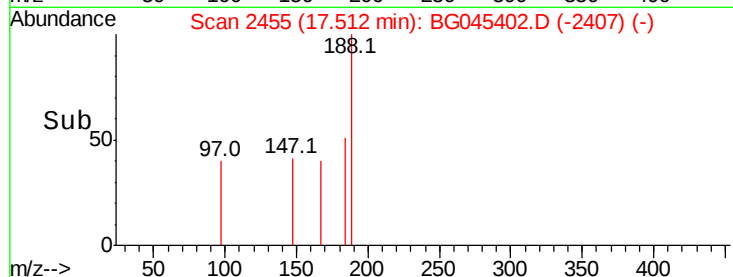
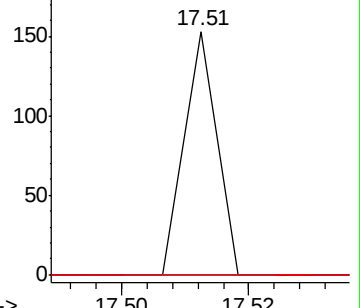
139 0.0 10.6 16.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 18.33 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

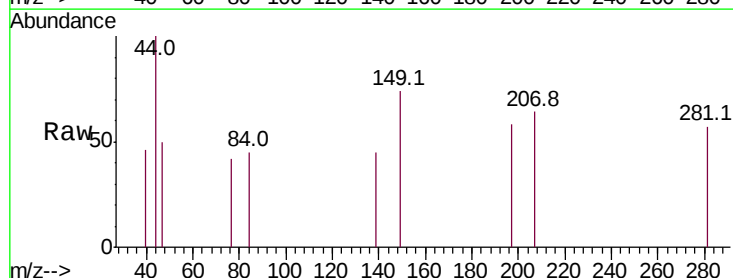
Tgt Ion:149 Resp: 174

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

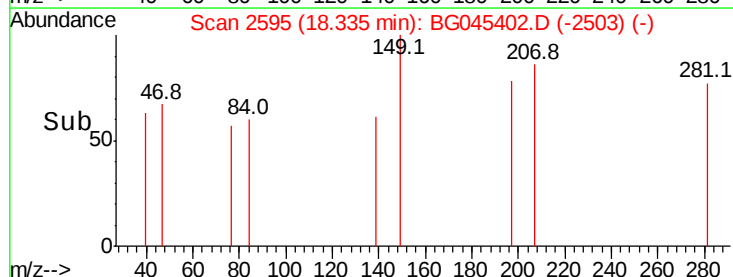
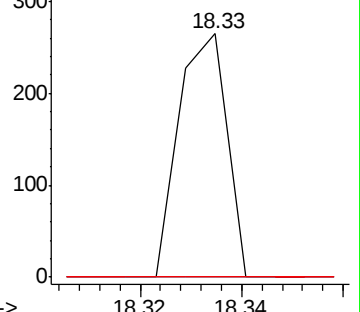
104 0.0 5.0 7.4#

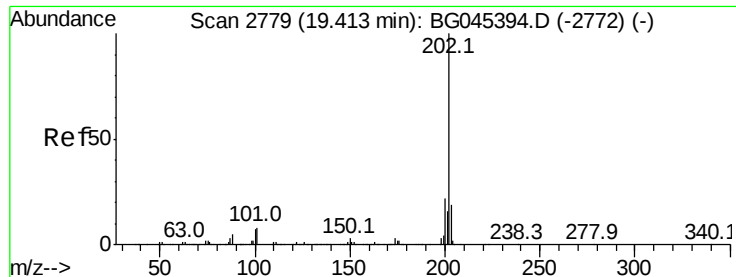


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.43 min Scan# 2782

Delta R.T. 0.02 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

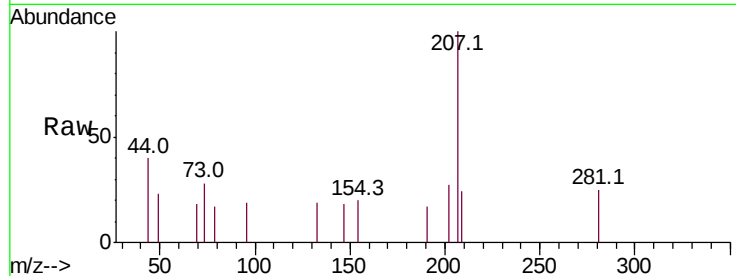
Tot Ion:202 Resp: 154

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.3

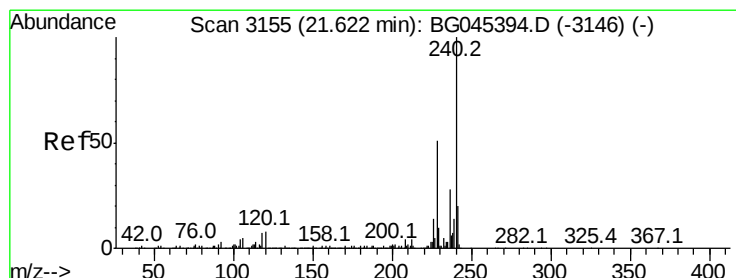
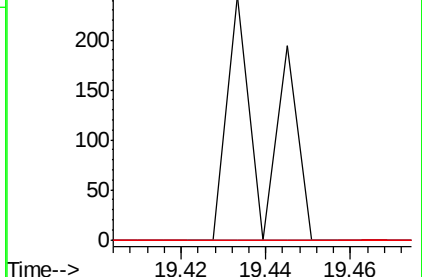
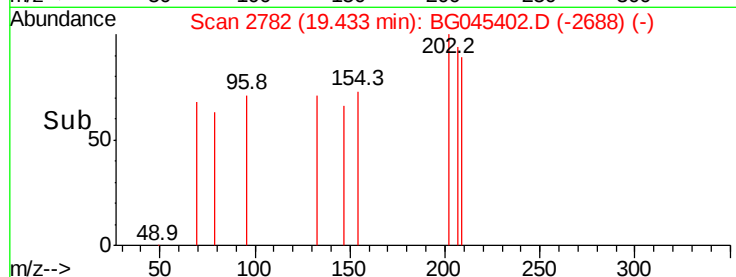
203 0.0 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

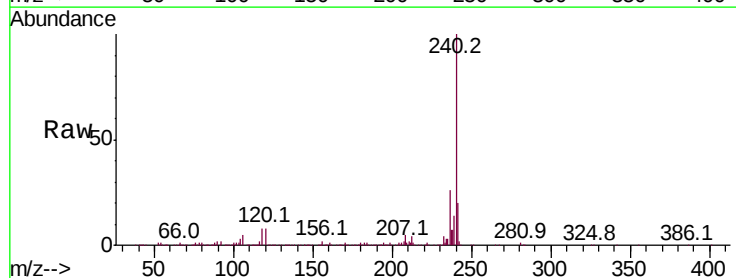
Tgt Ion:240 Resp: 474926

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

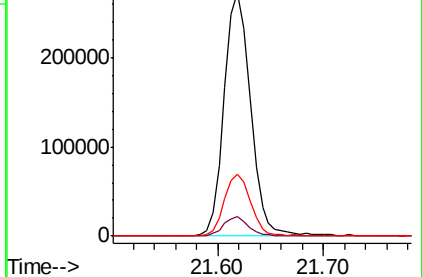
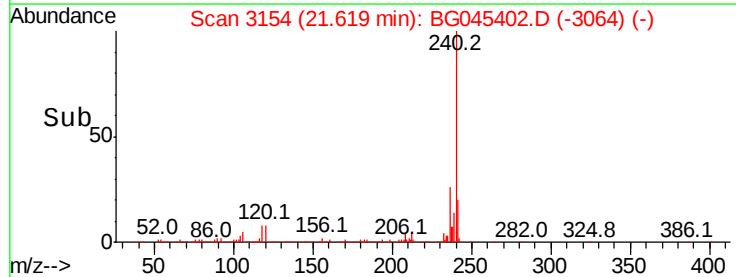
236 25.6 22.3 33.5

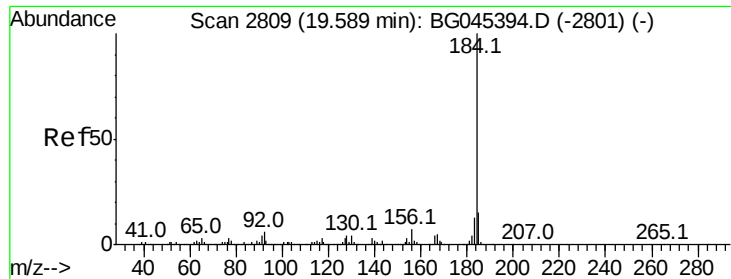


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.777 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.38 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

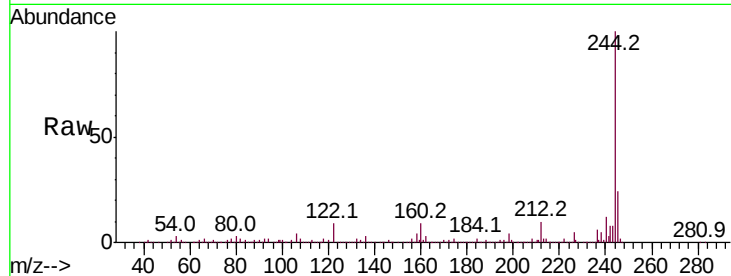
Tot Ion:184 Resp: 37037

Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

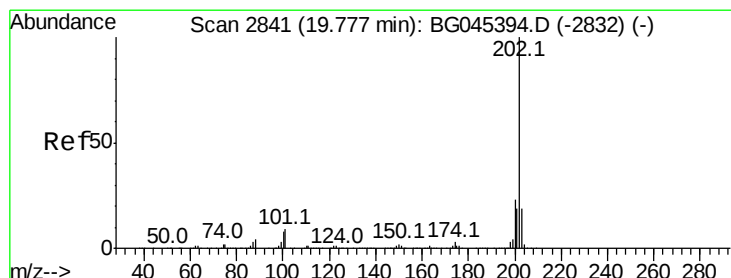
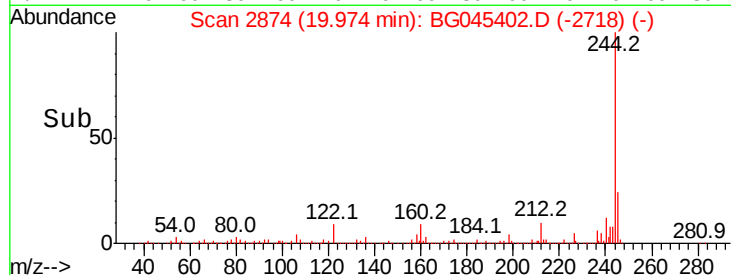
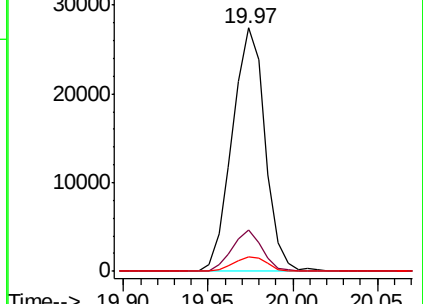
183 6.2 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.304 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.20 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

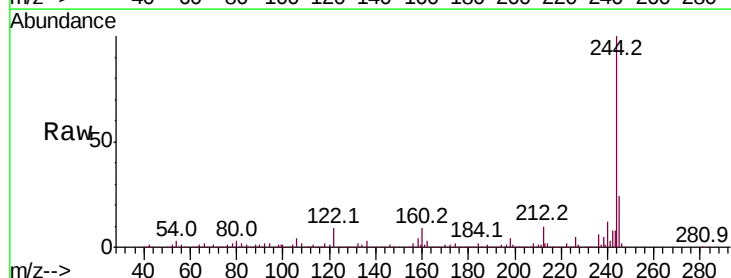
Tgt Ion:202 Resp: 8237

Ion Ratio Lower Upper

202 100

200 46.9 18.2 27.2#

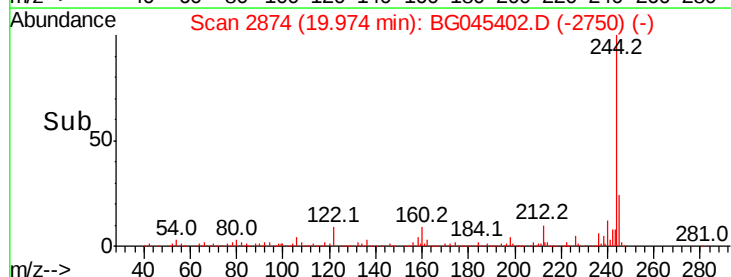
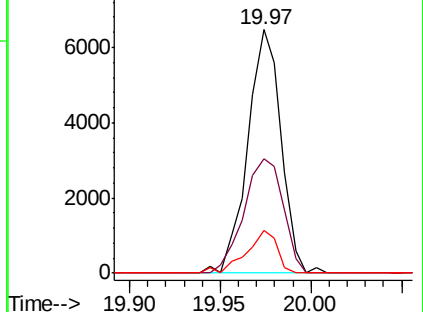
203 17.7 15.1 22.7

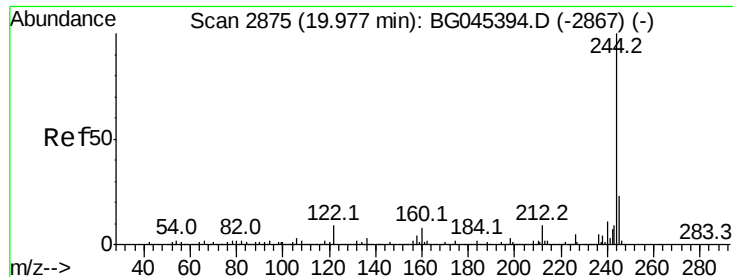


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.977 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

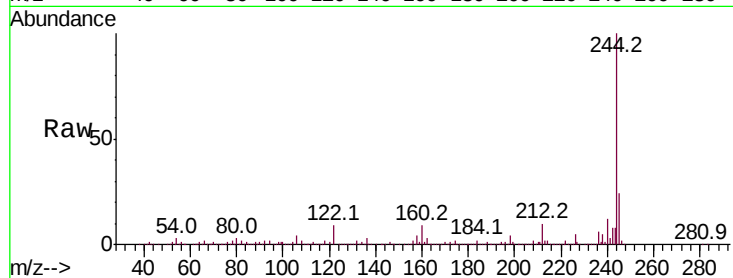
Tot Ion:244 Resp: 1974747

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

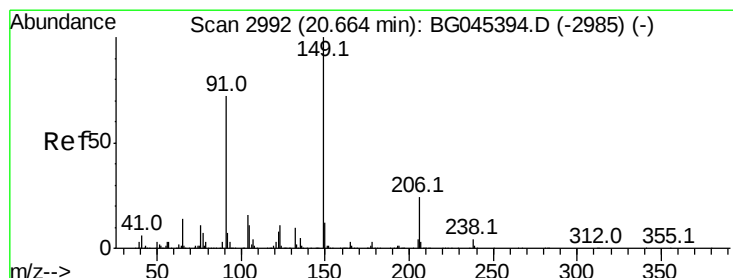
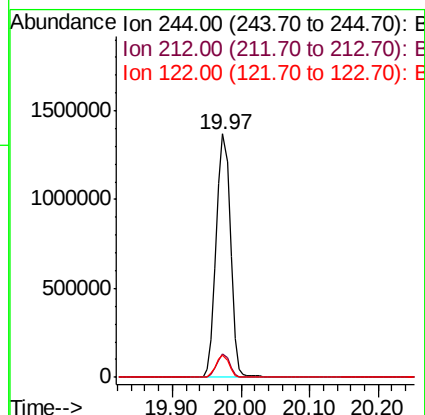
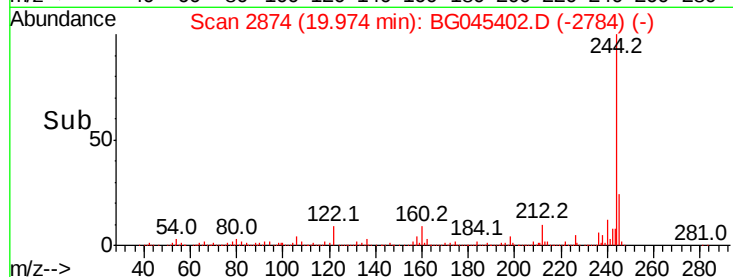
122 9.1 6.8 10.2



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: 0.006 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

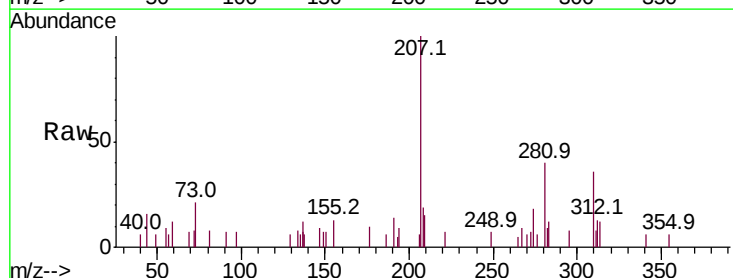
Tgt Ion:149 Resp: 68

Ion Ratio Lower Upper

149 100

91 108.3 57.8 86.6#

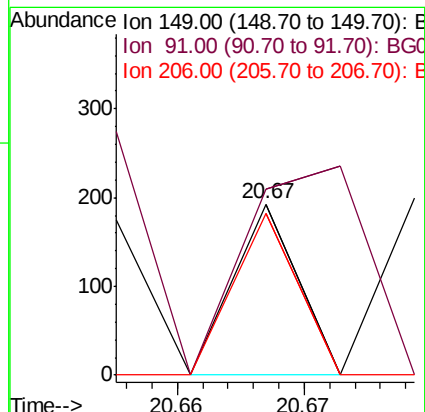
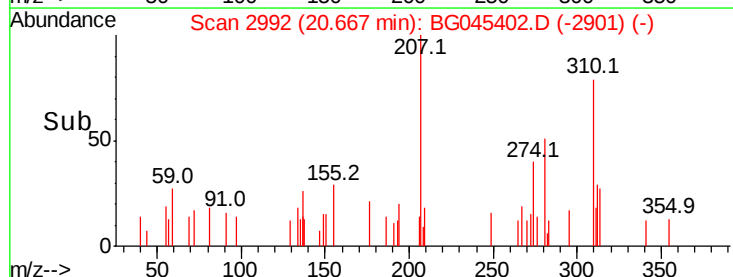
206 94.3 19.1 28.7#

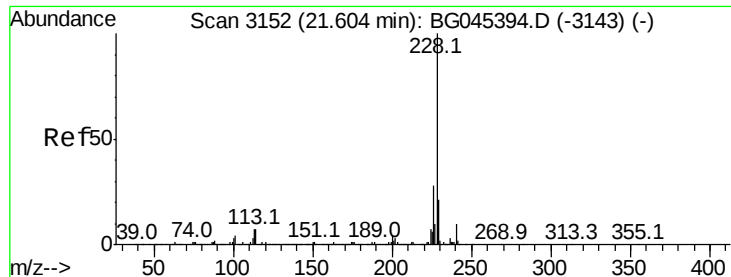


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.064 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

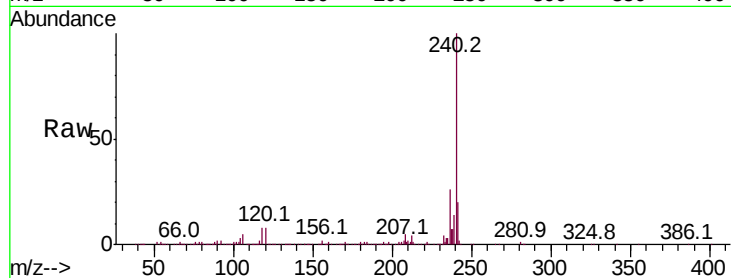
BNA_G

ClientSampleId :

PB128906BL

Tot Ion:228 Resp: 1694

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	27.0	16.7	25.1

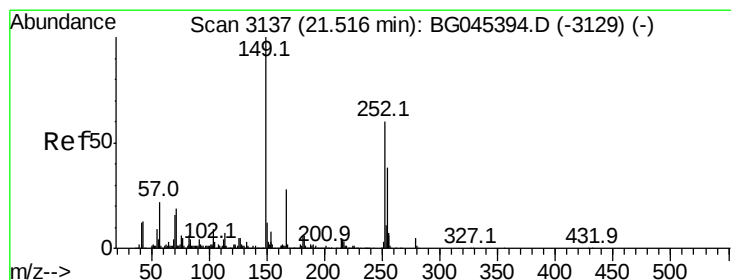
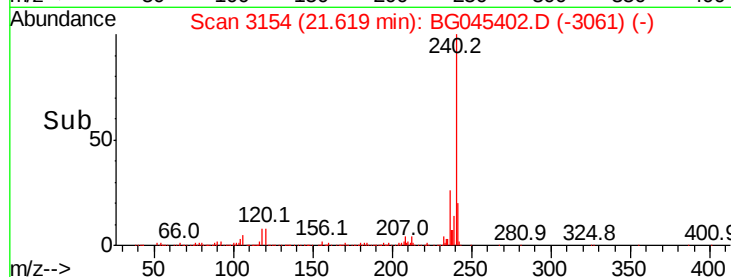
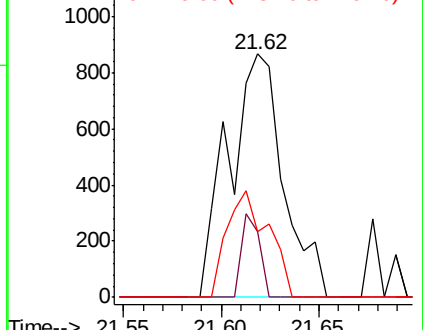


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.51 min Scan# 3136

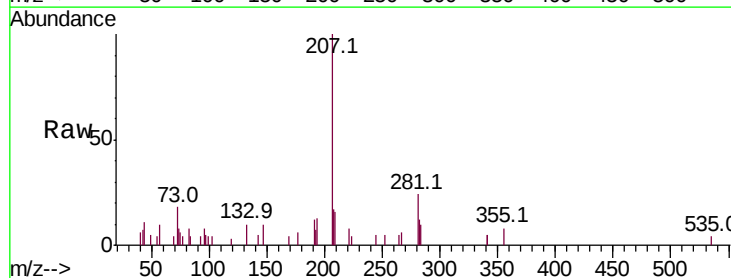
Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion:252 Resp: 74

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9
126	0.0	6.6	10.0

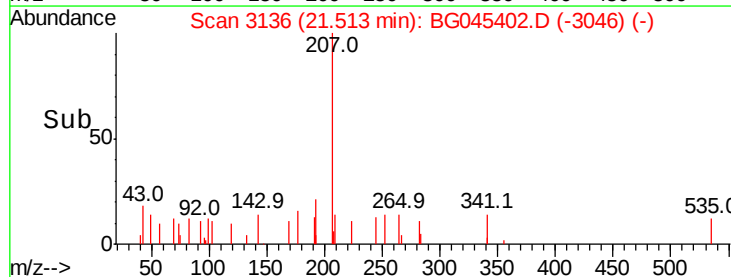
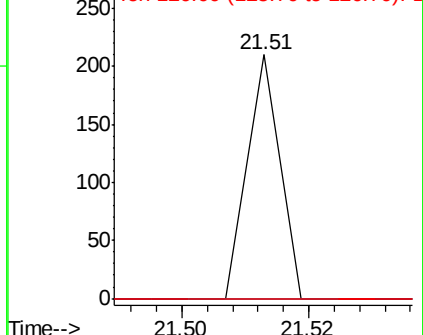


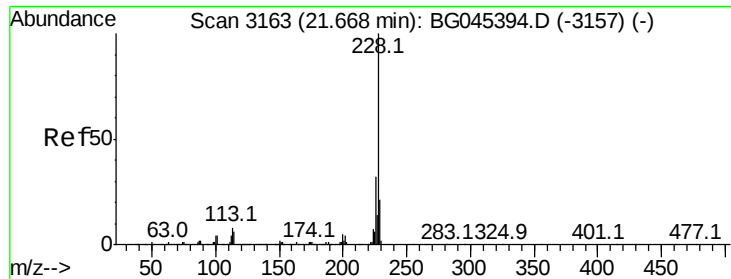
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.006 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

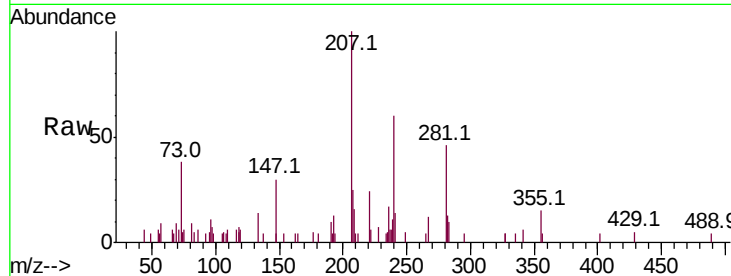
Tot Ion:228 Resp: 153

Ion Ratio Lower Upper

228 100

226 0.0 25.2 37.8#

229 0.0 16.7 25.1#



Abundance Ion 228.00 (227.70 to 228.70): E

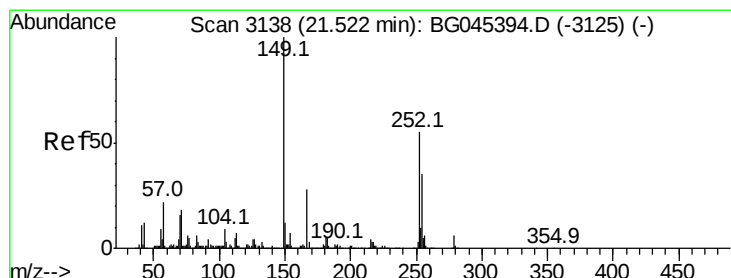
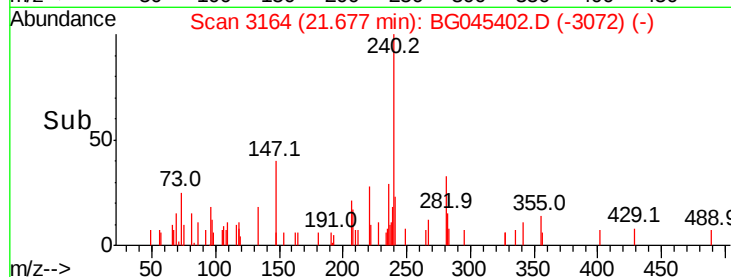
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.68

21.68

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

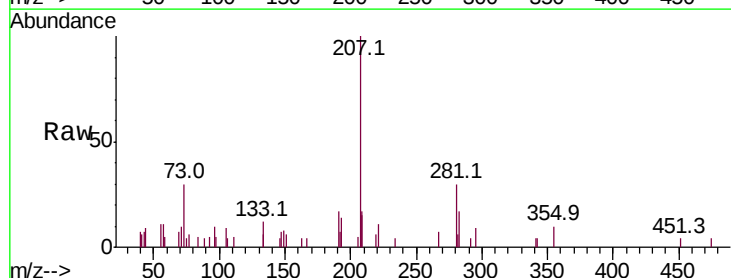
Tgt Ion:149 Resp: 578

Ion Ratio Lower Upper

149 100

167 54.7 22.2 33.2#

279 0.0 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

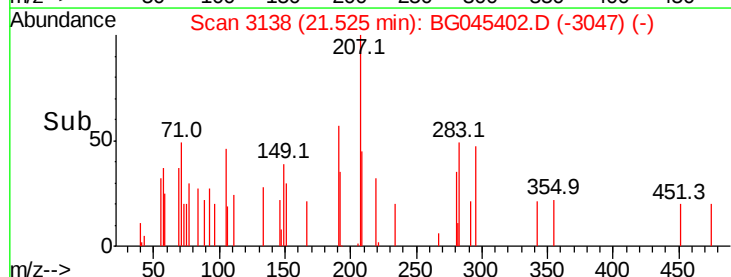
Ion 167.00 (166.70 to 167.70): E

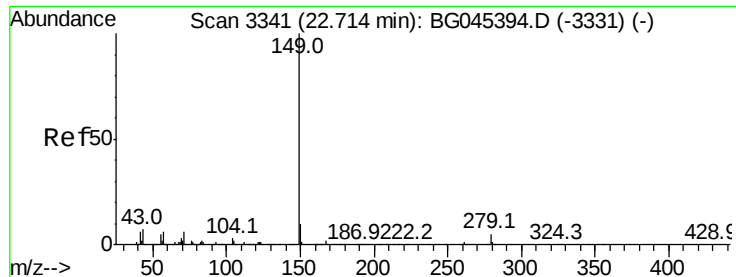
Ion 279.00 (278.70 to 279.70): E

21.52

21.52

Time-->

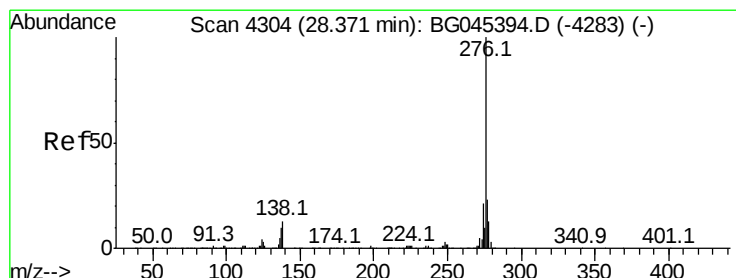
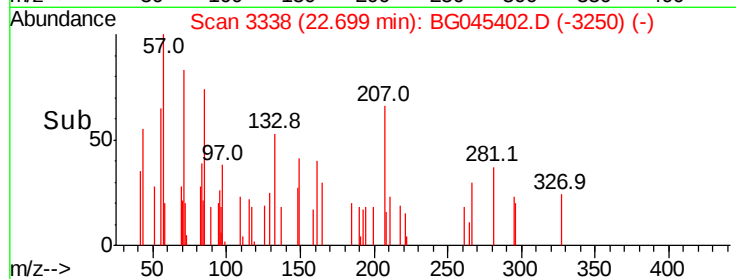
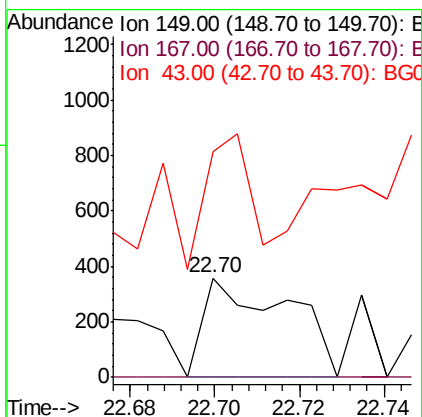
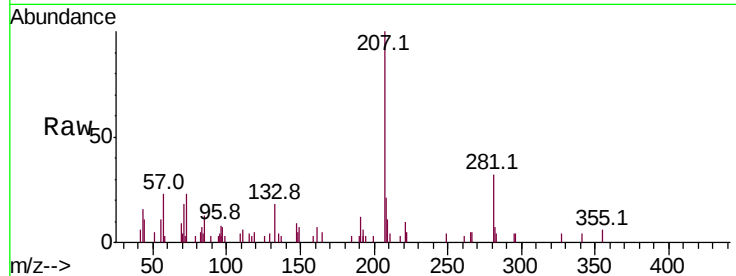




#85
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

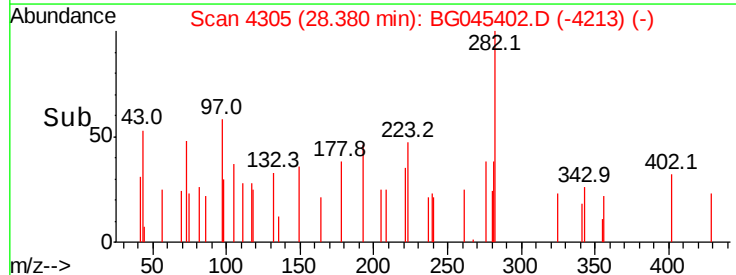
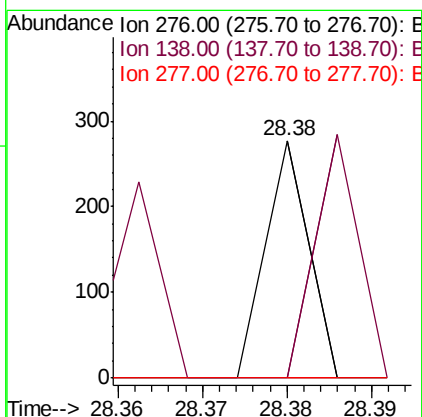
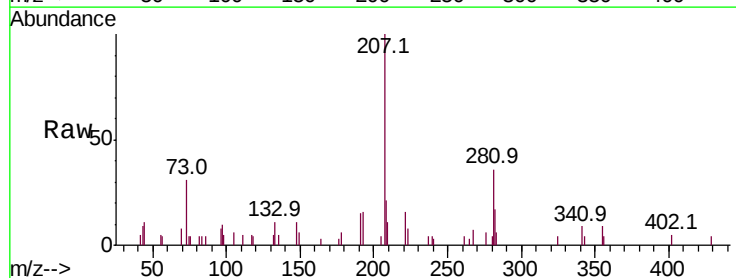
Instrument :
BNA_G
ClientSampled :
PB128906BL

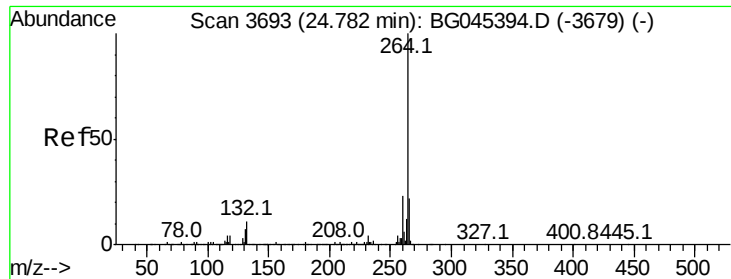
Tot Ion:149 Resp: 494
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 165.8 5.8 8.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:276 Resp: 98
Ion Ratio Lower Upper
276 100
138 102.0 8.6 12.8#
277 0.0 20.2 30.4#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

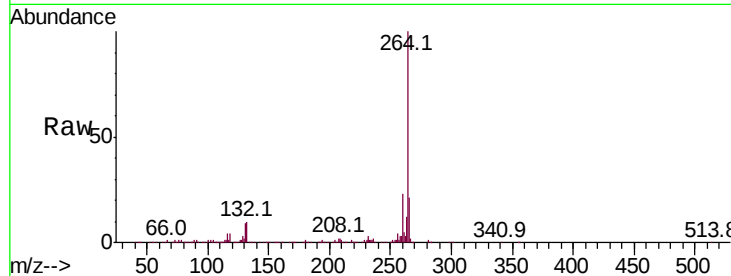
Tot Ion:264 Resp: 500559

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

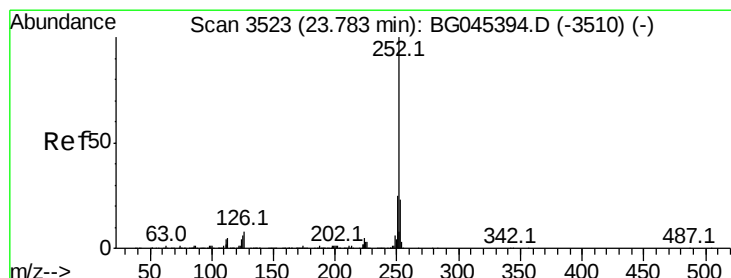
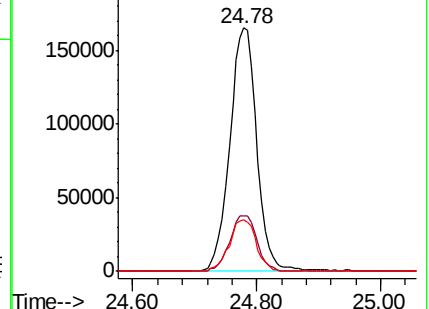
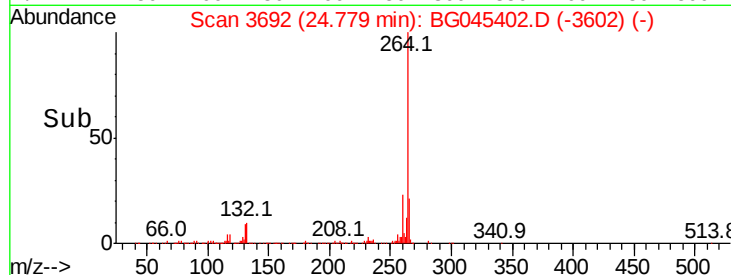
265 21.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

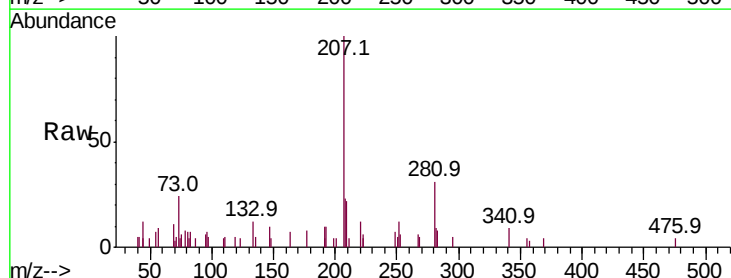
Tgt Ion:252 Resp: 818

Ion Ratio Lower Upper

252 100

253 50.8 18.1 27.1#

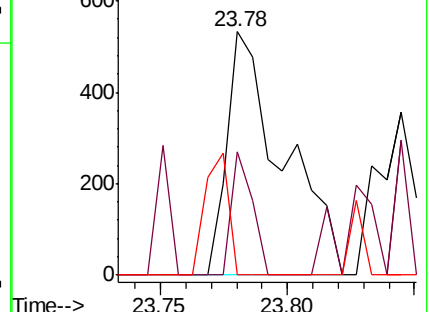
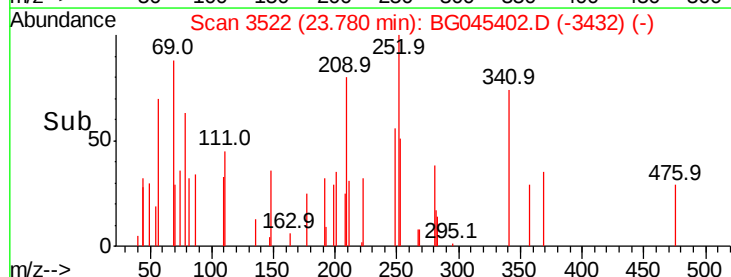
125 0.0 5.0 7.6#

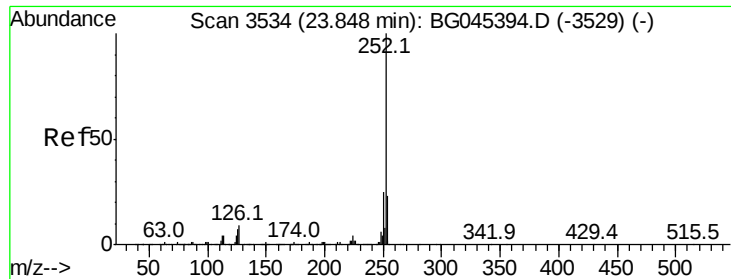


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.021 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

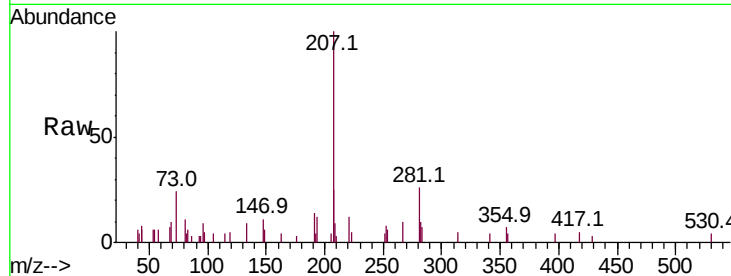
Tot Ion:252 Resp: 518

Ion Ratio Lower Upper

252 100

253 82.1 18.4 27.6#

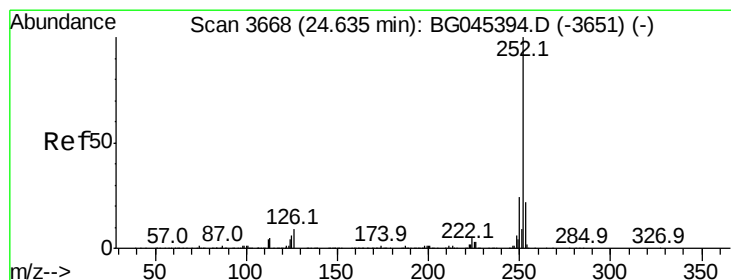
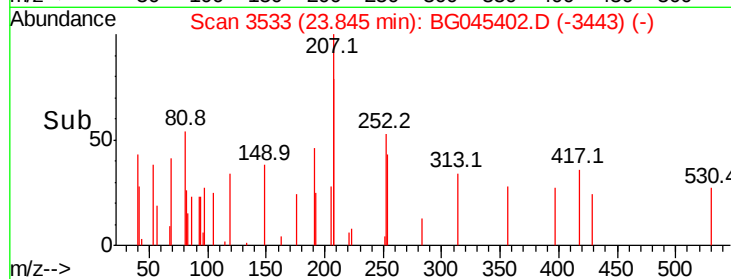
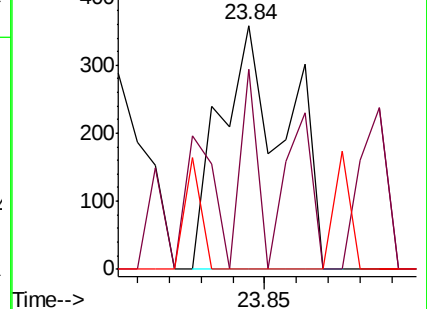
125 0.0 5.7 8.5#



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: 0.011 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

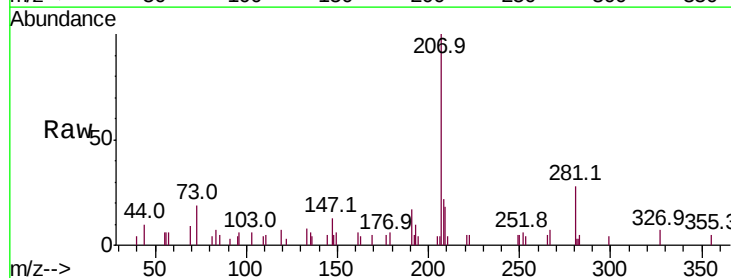
Tgt Ion:252 Resp: 266

Ion Ratio Lower Upper

252 100

253 67.6 17.2 25.8#

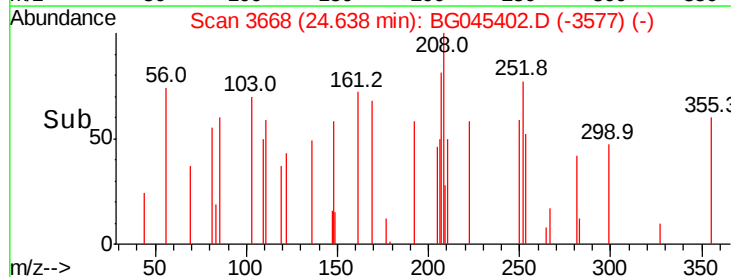
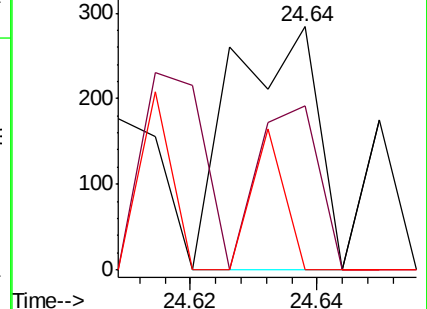
125 0.0 5.0 7.6#

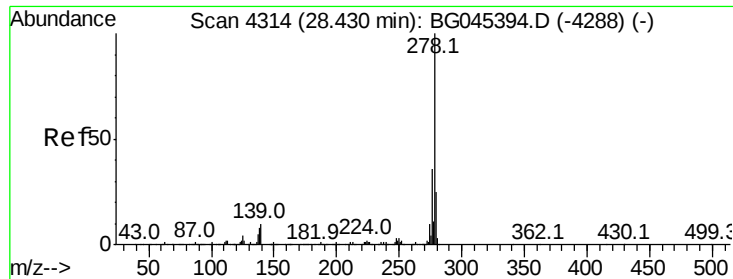


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.046 ng

RT: 28.44 min Scan# 4316

Delta R.T. 0.01 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

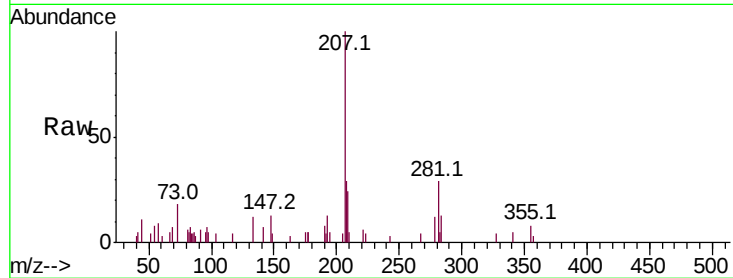
Tot Ion:278 Resp: 1157

Ion Ratio Lower Upper

278 100

139 0.0 7.8 11.8#

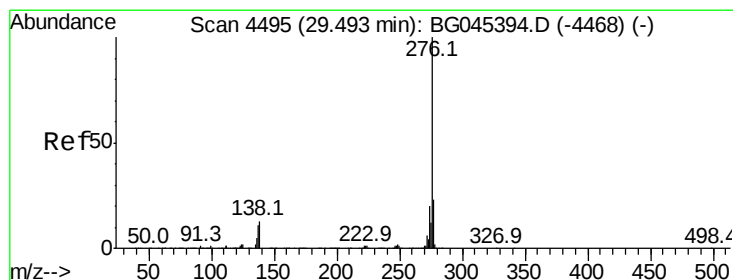
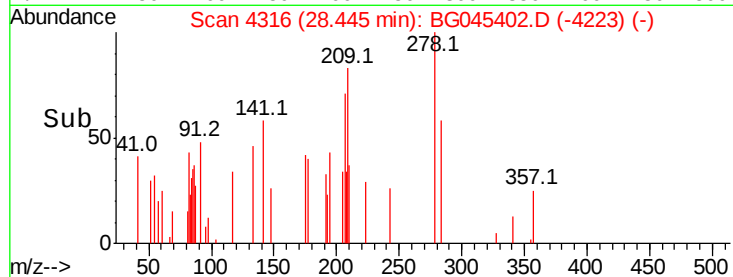
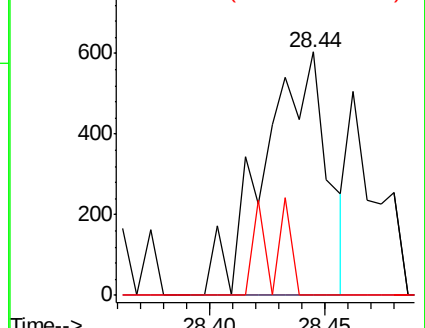
279 0.0 19.8 29.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.013 ng

RT: 29.47 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

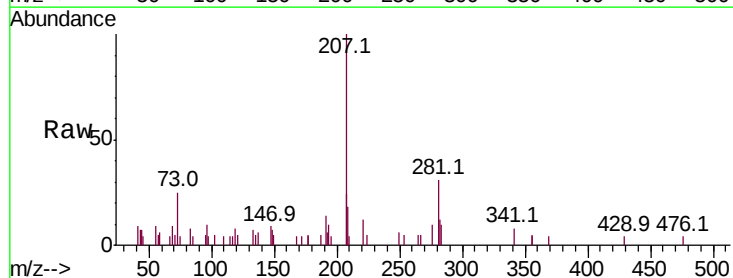
Tgt Ion:276 Resp: 325

Ion Ratio Lower Upper

276 100

277 0.0 18.1 27.1#

138 0.0 10.2 15.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

