

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051820\
 Data File : BG045414.D
 Acq On : 18 May 2020 15:48
 Operator : CG/JU
 Sample : PB128957BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Quant Time: May 18 16:23:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	69807	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	303198	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	226035	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	530555	20.00	ng	0.00
76) Chrysene-d12	21.62	240	516117	20.00	ng	0.00
87) Perylene-d12	24.79	264	515048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	519892	145.55	ng	0.00
7) Phenol-d6	7.21	99	743434	146.23	ng	0.00
23) Nitrobenzene-d5	9.13	82	527746	94.92	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	391520	135.44	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1256815	94.31	ng	0.00
79) Terphenyl-d14	19.98	244	2191272	99.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	587	0.331	ng	# 31
3) Pyridine	3.90	79	66	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.74	42	133	0.082	ng	# 1
6) Aniline	7.29	93	111	0.017	ng	# 4
8) 2-Chlorophenol	7.87	128	121	0.031	ng	# 35
9) Benzaldehyde	7.06	77	91	0.027	ng	# 4
10) Phenol	6.95	94	54	0.010	ng	# 38
11) bis(2-Chloroethyl)ether	7.29	93	111	0.027	ng	# 24
12) 1,3-Dichlorobenzene	7.77	146	67	0.014	ng	# 24
13) 1,4-Dichlorobenzene	7.77	146	67	0.014	ng	# 24
14) 1,2-Dichlorobenzene	8.30	146	75	0.017	ng	# 1
15) Benzyl Alcohol	8.29	79	9440	2.248	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.44	45	72	0.019	ng	# 54
17) 2-Methylphenol	8.28	107	62	0.016	ng	# 1
18) Hexachloroethane	9.04	117	65	0.037	ng	# 1
19) n-Nitroso-di-n-propylamine	9.13	70	71929	20.460	ng	# 84
20) 3+4-Methylphenols	8.97	107	61	0.011	ng	# 20
22) Acetophenone	8.84	105	63	0.009	ng	# 56
24) Nitrobenzene	9.14	77	1846	0.310	ng	# 35
25) Isophorone	9.76	82	353	0.032	ng	# 68
26) 2-Nitrophenol	9.94	139	54	0.021	ng	# 26
27) 2,4-Dimethylphenol	10.28	122	68	0.018	ng	# 1
28) bis(2-Chloroethoxy)methane	10.25	93	86	0.015	ng	# 48
30) 1,2,4-Trichlorobenzene	10.69	180	65	0.012	ng	# 13
31) Naphthalene	10.81	128	57	0.004	ng	# 68
32) Benzoic acid	10.28	122	68	10.043	ng	# 1
33) 4-Chloroaniline	10.92	127	94	0.016	ng	# 46
34) Hexachlorobutadiene	11.59	225	54	0.014	ng	# 19
36) 4-Chloro-3-methylphenol	12.10	107	119	0.024	ng	# 20
37) 2-Methylnaphthalene	11.96	142	55	0.005	ng	# 15
38) 1-Methylnaphthalene	13.08	142	93	0.009	ng	# 9
41) Hexachlorocyclopentadiene	12.94	237	63	0.017	ng	# 26
43) 2,4,6-Trichlorophenol	12.98	196	64	0.015	ng	# 12
44) 2,4,5-Trichlorophenol	12.98	196	64	0.013	ng	# 17

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 Misc :
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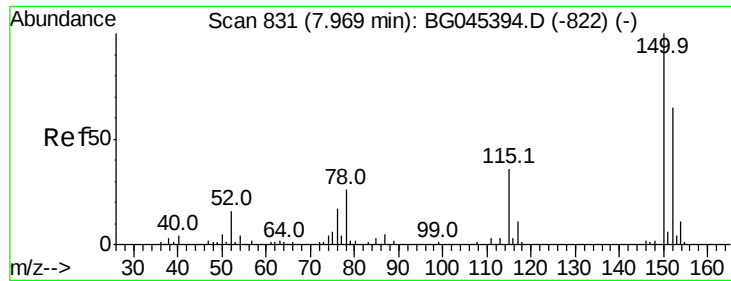
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Quant Time: May 18 16:23:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 1,1'-Biphenyl	13.44	154	3057	0.220	nq	94
47) 2-Chloronaphthalene	13.07	162	59	0.005	nq	# 38
48) 2-Nitroaniline	13.96	65	72	0.019	nq	# 7
49) Acenaphthylene	14.44	152	66	0.004	nq	# 59
51) 2,6-Dinitrotoluene	14.61	165	28820	8.237	nq	# 24
52) Acenaphthene	14.62	154	627	0.052	nq	# 3
53) 3-Nitroaniline	14.98	138	62	0.017	nq	# 1
54) 2,4-Dinitrophenol	14.97	184	98	5.499	nq	# 17
55) Dibenzofuran	15.12	168	67	0.004	nq	# 45
56) 4-Nitrophenol	14.98	139	80	0.030	nq	# 2
57) 2,4-Dinitrotoluene	14.61	165	28820	5.687	nq	# 23
58) Fluorene	16.12	166	12710	0.859	nq	# 92
59) 2,3,4,6-Tetrachlorophenol	15.54	232	55	0.012	nq	# 40
60) Diethylphthalate	15.33	149	59	0.004	nq	# 57
61) 4-Chlorophenyl-phenylether	15.76	204	93	0.011	nq	# 29
62) 4-Nitroaniline	15.59	138	94	0.025	nq	# 5
63) Azobenzene	15.89	77	81	0.005	nq	# 52
65) 4,6-Dinitro-2-methylphenol	16.11	198	1347	0.436	nq	# 1
66) n-Nitrosodiphenylamine	16.11	169	14271	1.120	nq	# 45
67) 4-Bromophenyl-phenylether	16.11	248	26846	4.673	nq	# 1
68) Hexachlorobenzene	16.49	284	76	0.013	nq	# 44
70) Pentachlorophenol	17.53	266	60	0.019	nq	# 18
71) Phenanthrene	17.43	178	71	0.003	nq	# 59
72) Anthracene	17.43	178	71	0.003	nq	# 60
73) Carbazole	17.83	167	58	0.003	nq	# 57
74) Di-n-butylphthalate	18.33	149	787	0.029	nq	# 77
75) Fluoranthene	19.44	202	80	0.003	nq	64
77) Benzidine	19.98	184	43043	2.969	nq	# 92
78) Pvrene	19.98	202	9799	0.333	nq	# 75
80) Butylbenzylphthalate	20.70	149	414	0.033	nq	87
81) Benzo(a)anthracene	21.60	228	3639	0.127	nq	93
82) 3,3'-Dichlorobenzidine	21.51	252	226	0.020	nq	# 25
83) Chrysene	21.67	228	1639	0.059	nq	# 96
84) Bis(2-ethylhexyl)phthalate	21.50	149	1814	0.104	nq	# 82
85) Di-n-octyl phthalate	22.71	149	1756	0.059	nq	# 28
86) Indeno(1,2,3-cd)pyrene	28.37	276	57	0.002	nq	# 1
88) Benzo(b)fluoranthene	23.79	252	2940	0.106	nq	# 72
89) Benzo(k)fluoranthene	23.85	252	2090	0.081	nq	# 87
90) Benzo(a)pyrene	24.64	252	1979	0.077	nq	# 87
91) Dibenzo(a,h)anthracene	28.44	278	81	0.003	nq	# 1
92) Benzo(g,h,i)perylene	29.49	276	59	0.002	nq	# 58

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

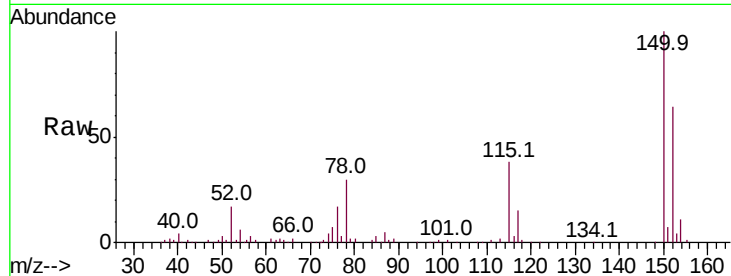


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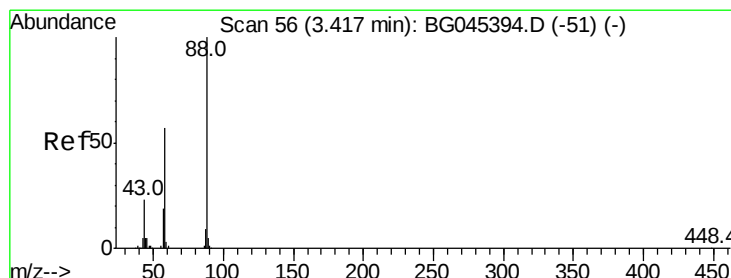
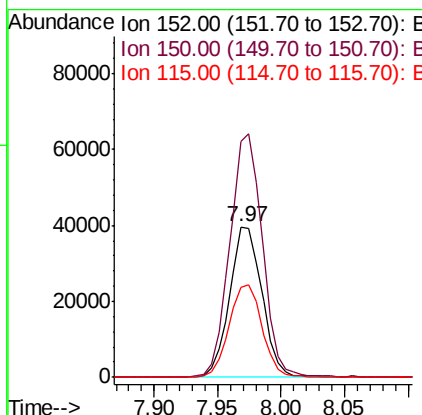
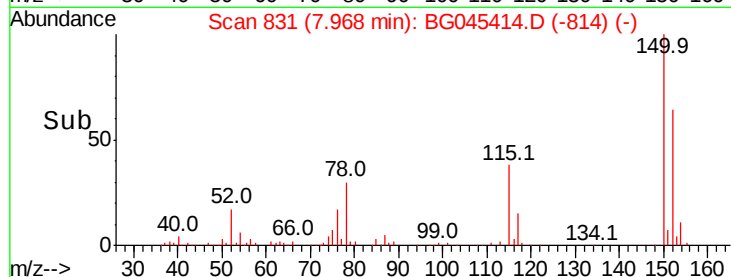
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:152 Resp: 69807
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 59.5 44.2 66.4



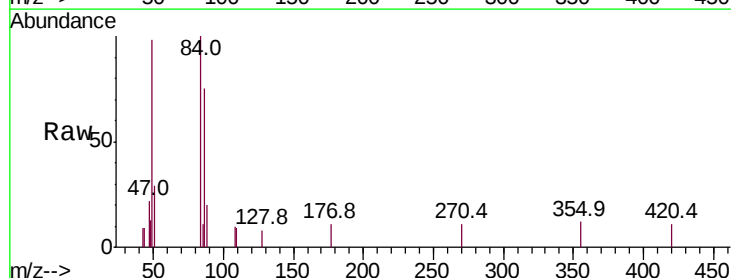
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



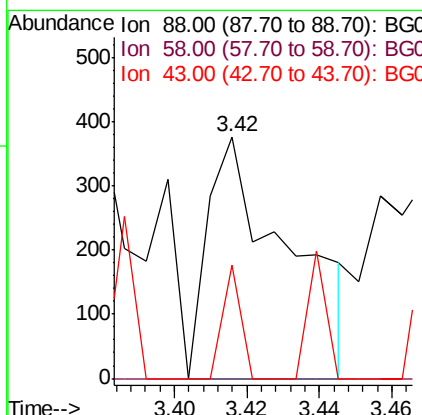
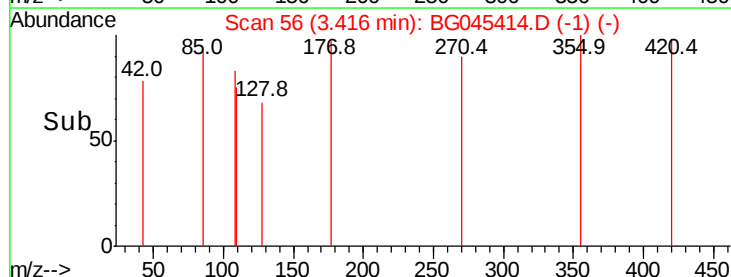
#2

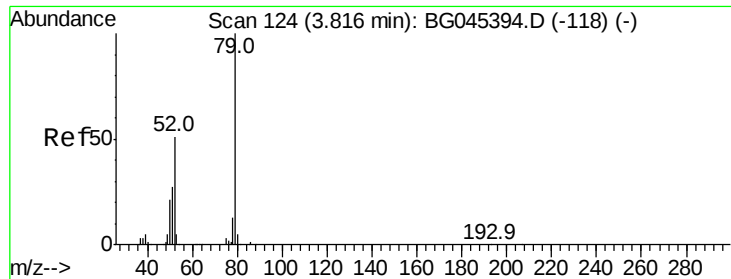
1,4-Dioxane
Concen: 0.331 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion: 88 Resp: 587
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: 0.013 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.08 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

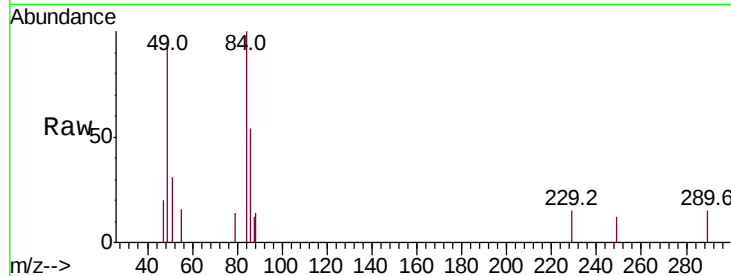
Tot Ion: 79 Resp: 66

Ion Ratio Lower Upper

79 100

52 0.0 40.8 61.2#

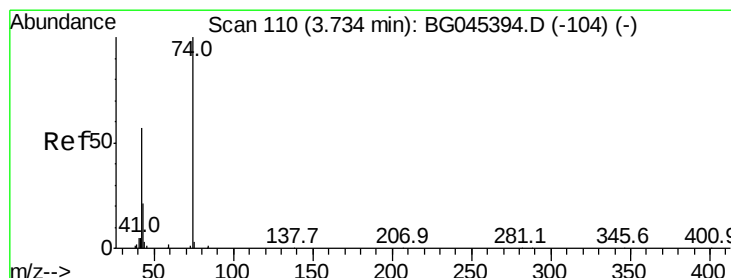
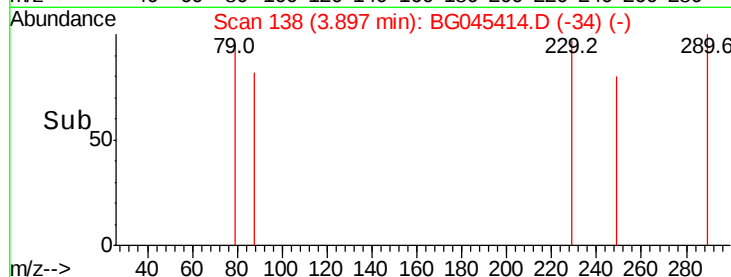
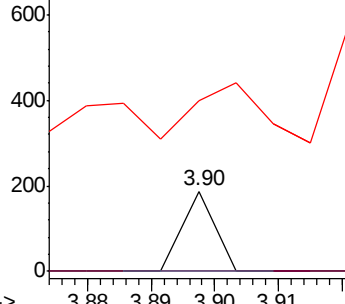
51 212.8 21.9 32.9#



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



#4

n-Nitrosodimethylamine

Concen: 0.082 ng

RT: 3.74 min Scan# 112

Delta R.T. 0.02 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

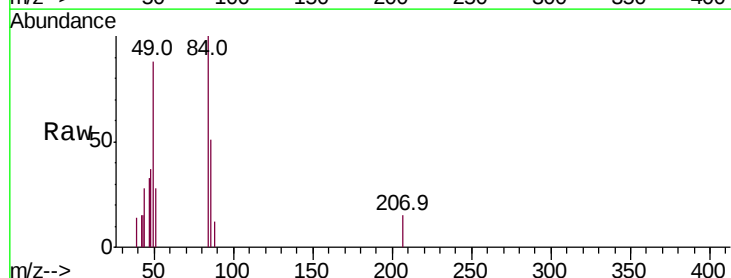
Tgt Ion: 42 Resp: 133

Ion Ratio Lower Upper

42 100

74 0.0 141.3 211.9#

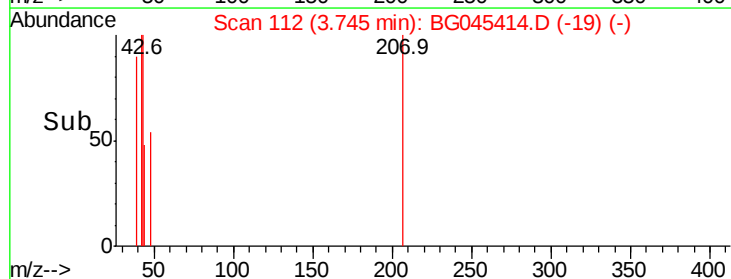
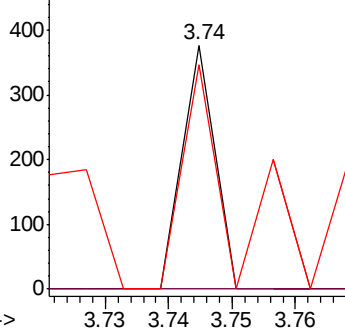
44 92.0 4.2 6.4#

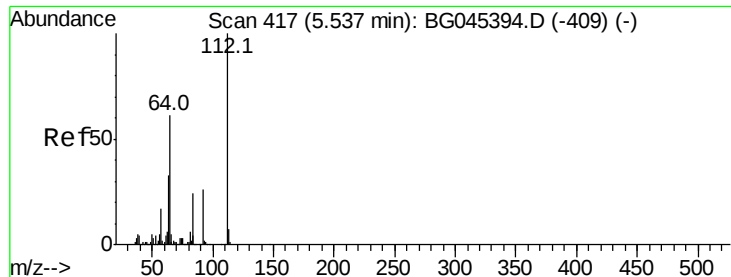


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.547 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

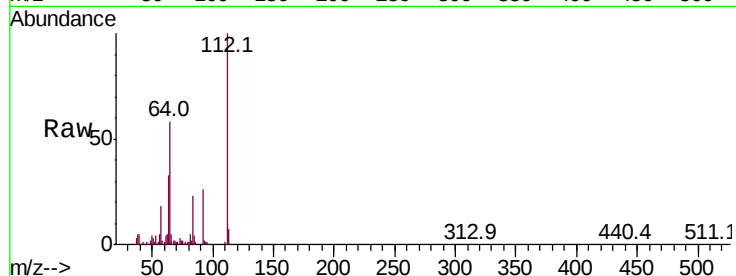
Tot Ion:112 Resp: 519892

Ion Ratio Lower Upper

112 100

64 58.2 48.6 72.8

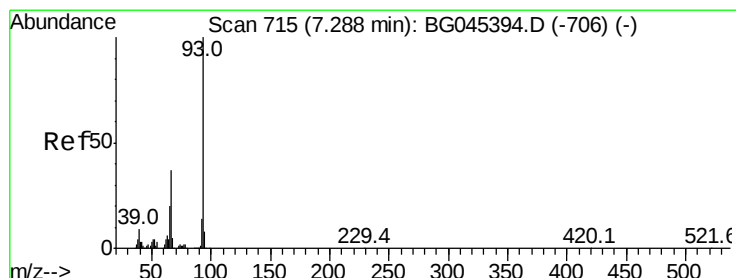
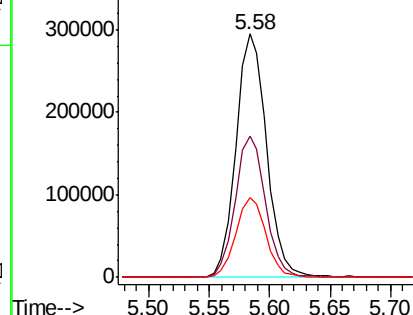
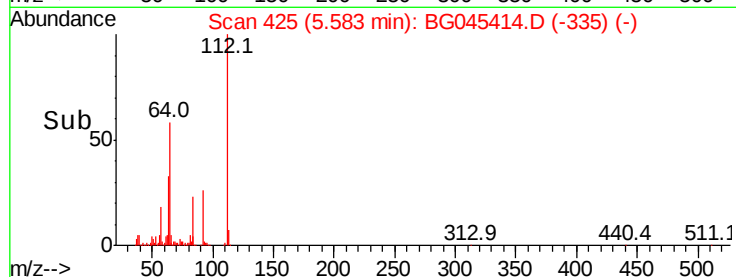
63 32.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.017 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

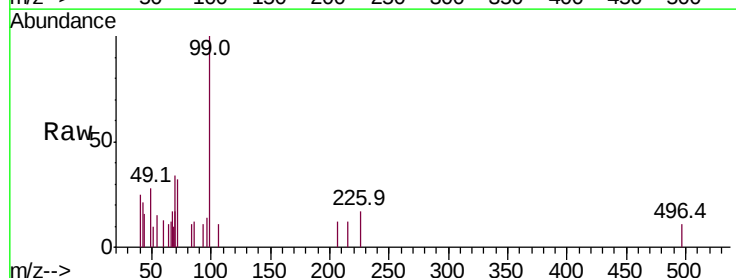
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

66 110.7 29.6 44.4#

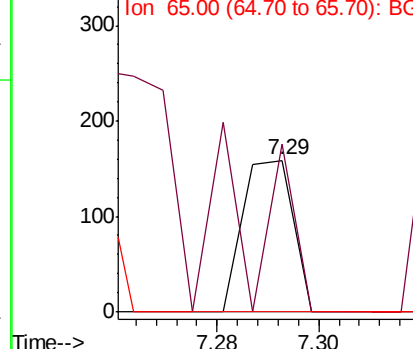
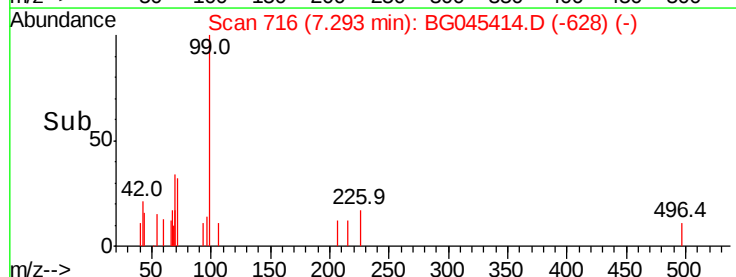
65 0.0 15.9 23.9#

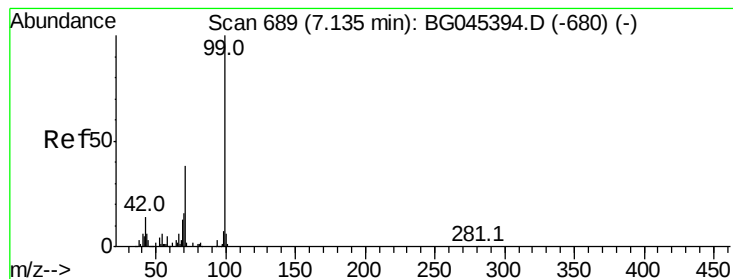


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.230 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampled :

PB128957BL

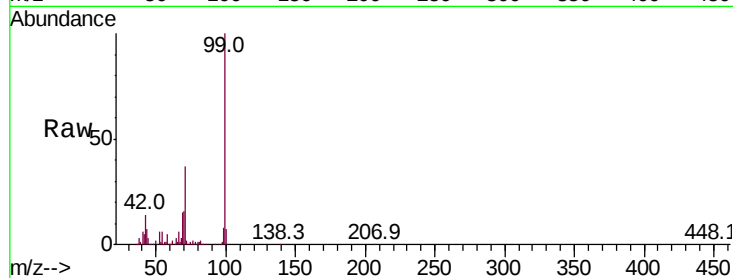
Tot Ion: 99 Resp: 743434

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

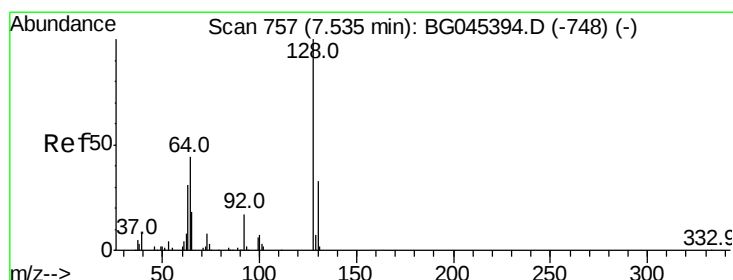
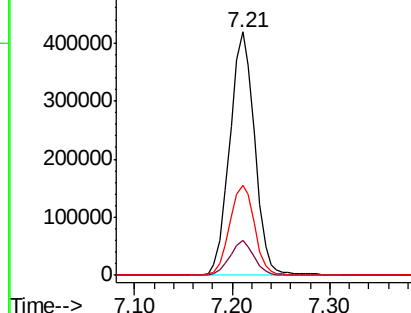
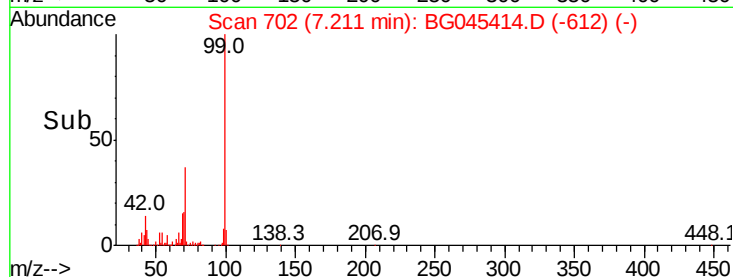
71 37.1 30.8 46.2



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: 0.031 ng

RT: 7.87 min Scan# 814

Delta R.T. 0.31 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

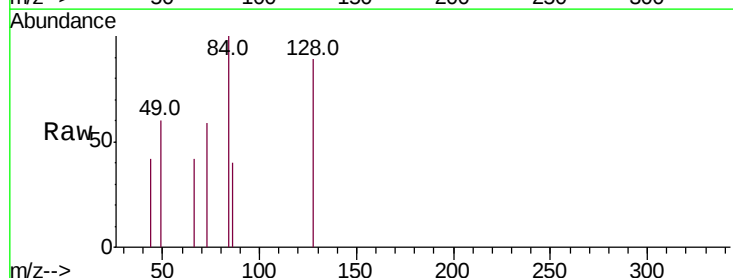
Tgt Ion: 128 Resp: 121

Ion Ratio Lower Upper

128 100

130 0.0 12.6 52.6#

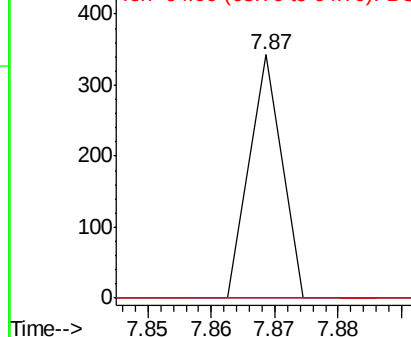
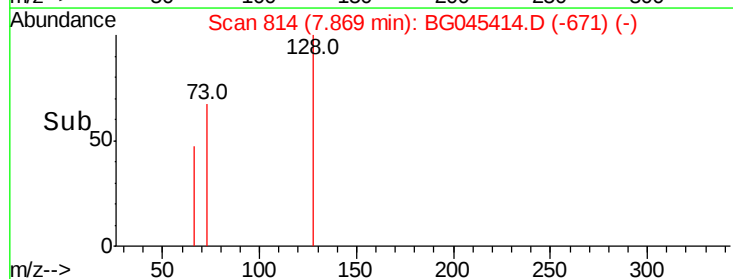
64 0.0 27.0 67.0#

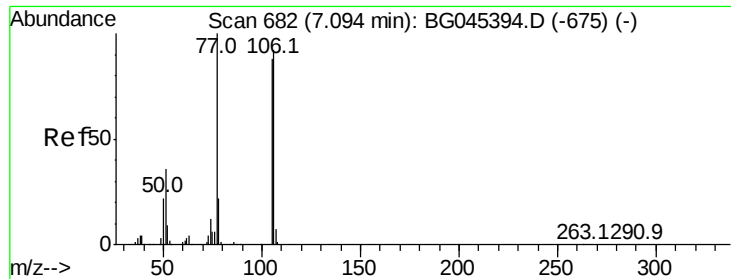


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyd

Concen: 0.027 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.04 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

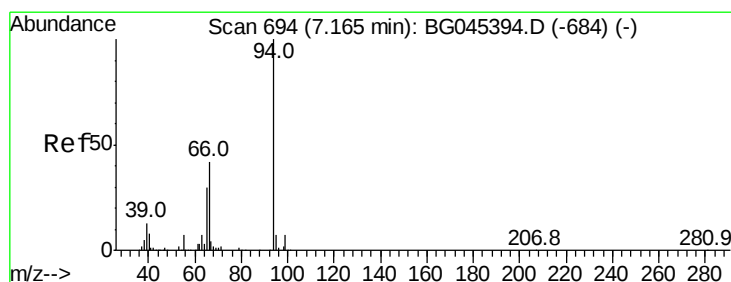
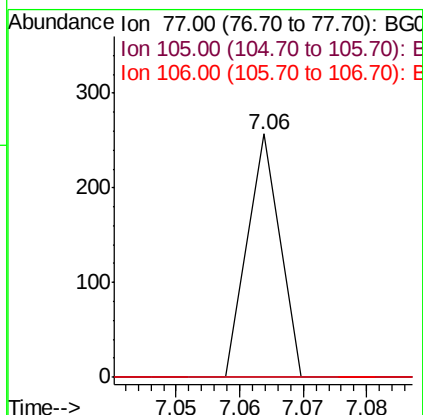
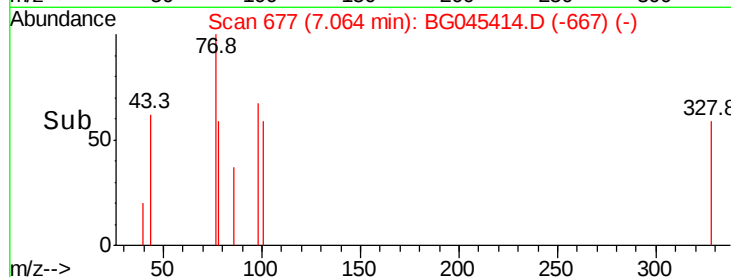
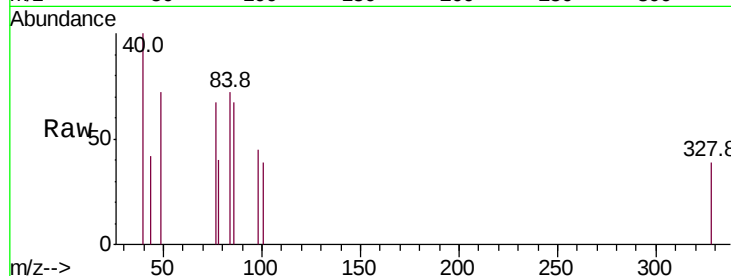
Tot Ion: 77 Resp: 91

Ion Ratio Lower Upper

77 100

105 0.0 68.5 108.5#

106 0.0 71.6 111.6#



#10

Phenol

Concen: 0.010 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.30 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

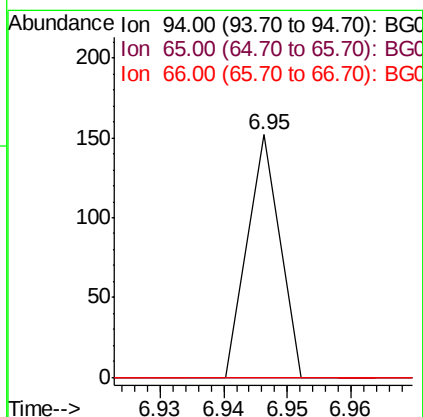
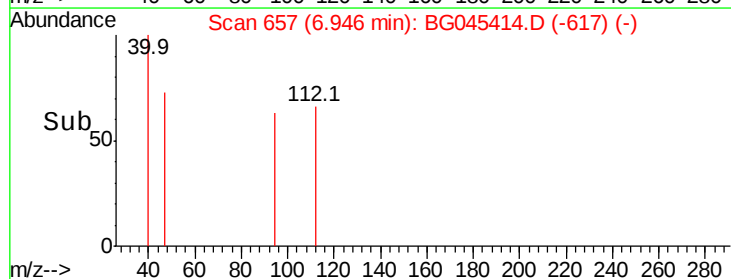
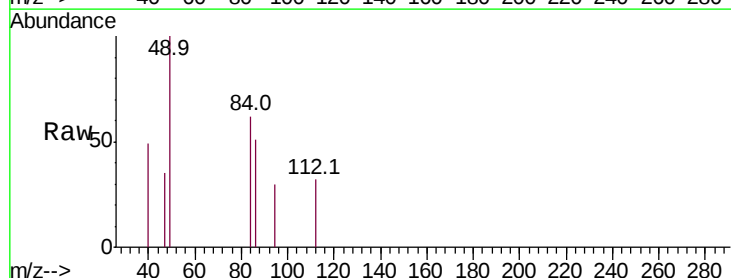
Tgt Ion: 94 Resp: 54

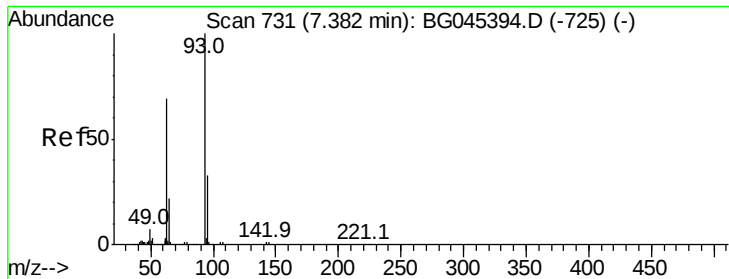
Ion Ratio Lower Upper

94 100

65 0.0 9.8 49.8#

66 0.0 22.0 62.0#





#11

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.10 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

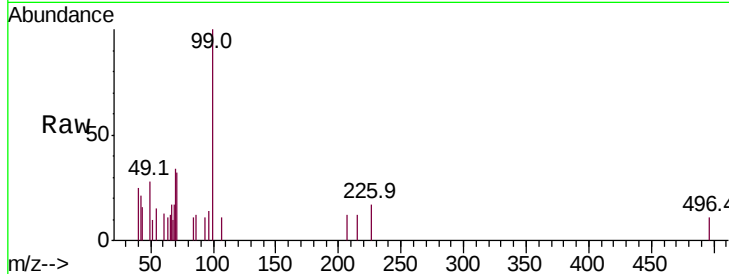
Tot Ion: 93 Resp: 111

Ion Ratio Lower Upper

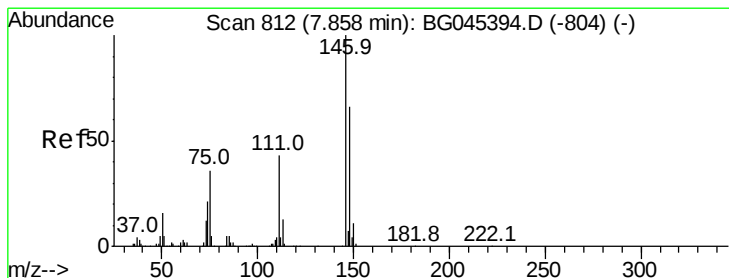
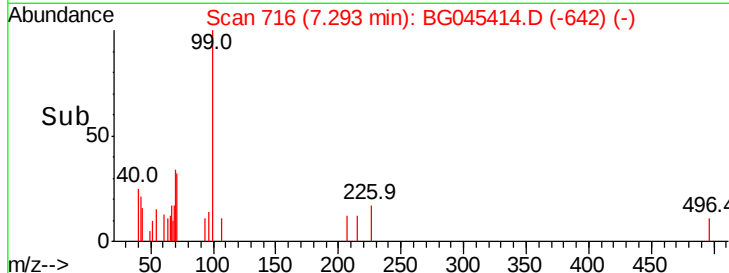
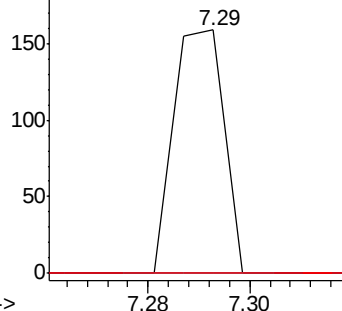
93 100

63 0.0 48.4 88.4#

95 0.0 12.4 52.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 0.014 ng

RT: 7.77 min Scan# 798

Delta R.T. -0.09 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

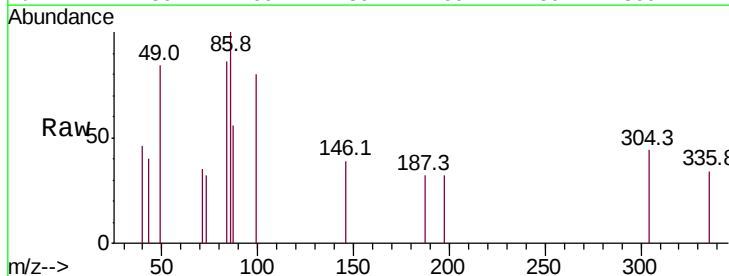
Tgt Ion: 146 Resp: 67

Ion Ratio Lower Upper

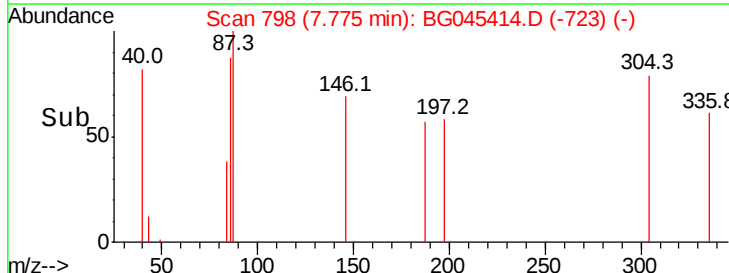
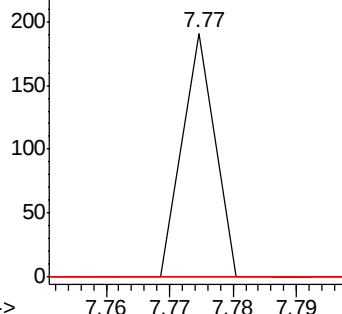
146 100

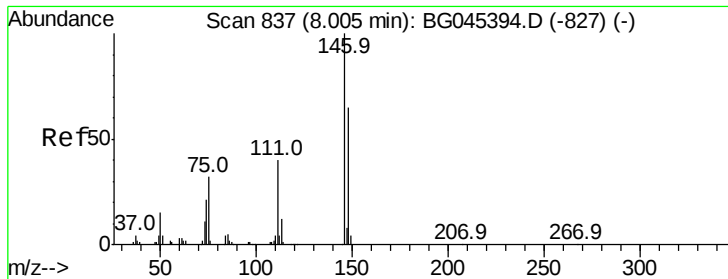
148 0.0 53.2 79.8#

75 0.0 28.6 43.0#



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

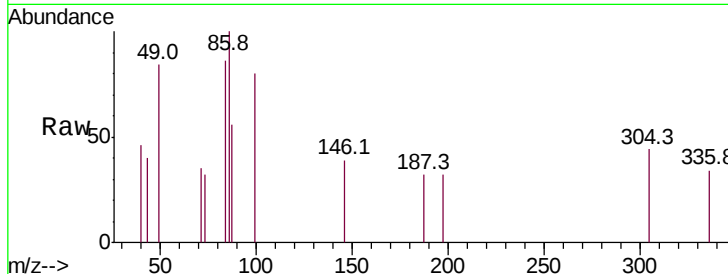




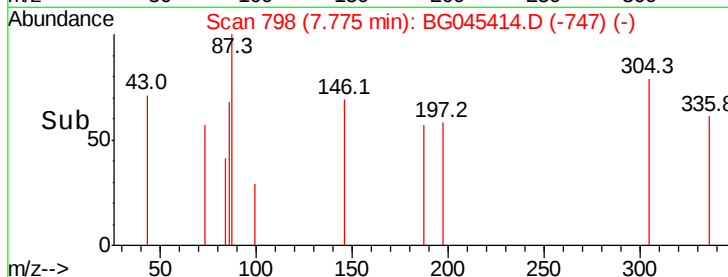
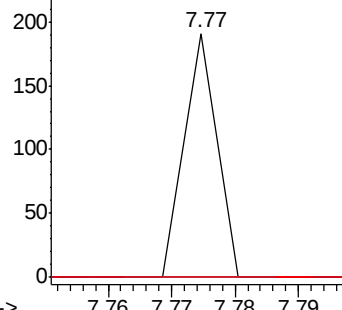
#13
1,4-Dichlorobenzene
Concen: 0.014 ng
RT: 7.77 min Scan# 798
Delta R.T. -0.23 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:146 Resp: 67
Ion Ratio Lower Upper
146 100
148 0.0 51.8 77.8#
111 0.0 32.1 48.1#

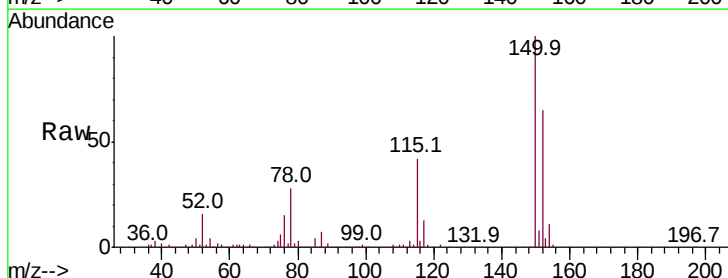
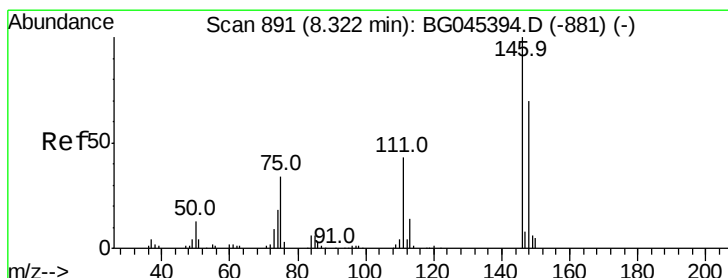


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

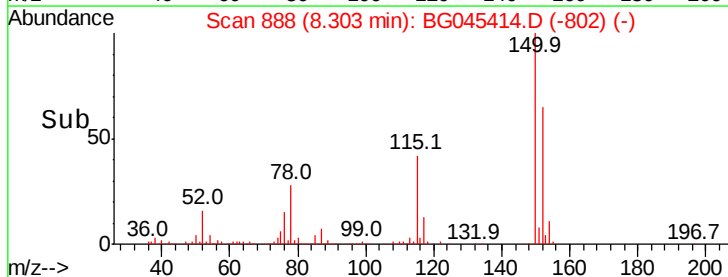
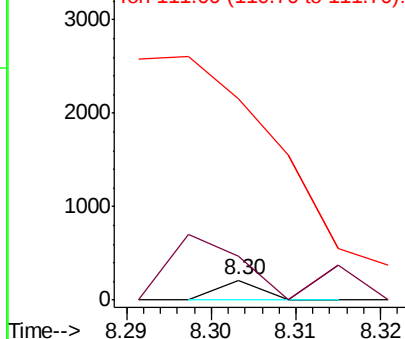


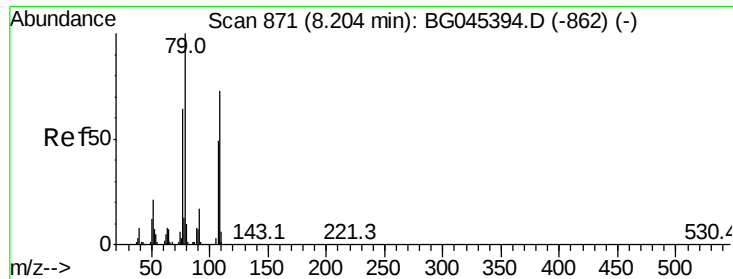
#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.02 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:146 Resp: 75
Ion Ratio Lower Upper
146 100
148 219.2 55.9 83.9#
111 1009.3 35.0 52.4#



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: 2.248 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.06 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

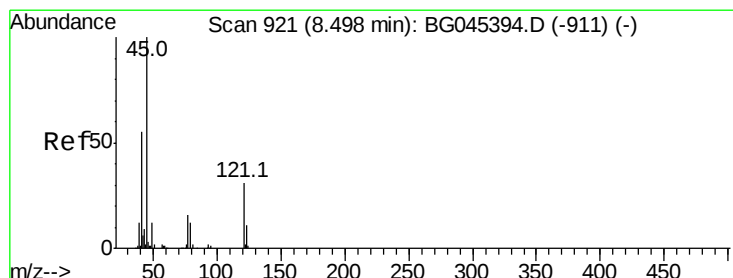
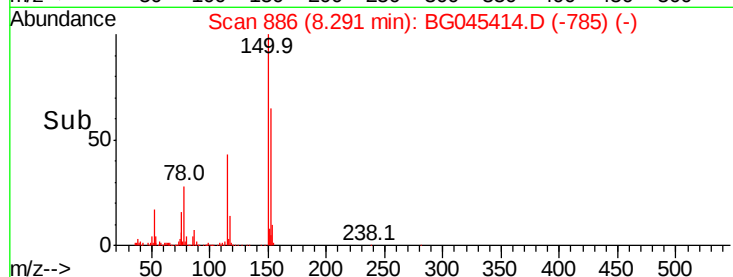
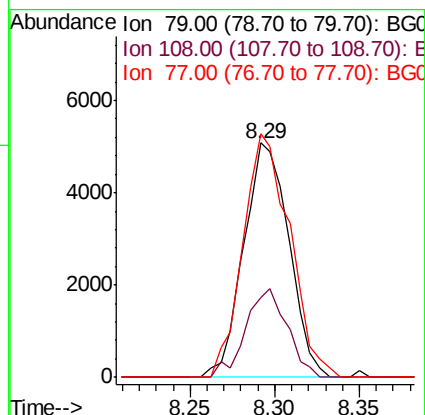
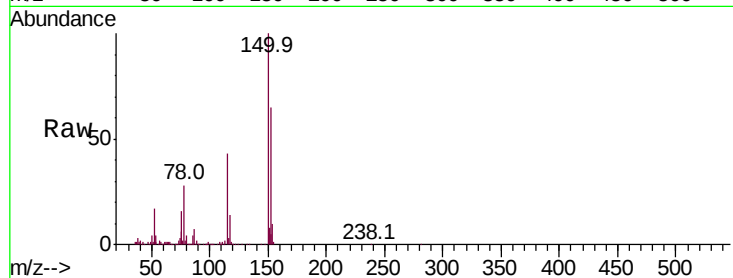
Tot Ion: 79 Resp: 9440

Ion Ratio Lower Upper

79 100

108 33.8 58.2 87.4#

77 103.9 51.0 76.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.019 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.07 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

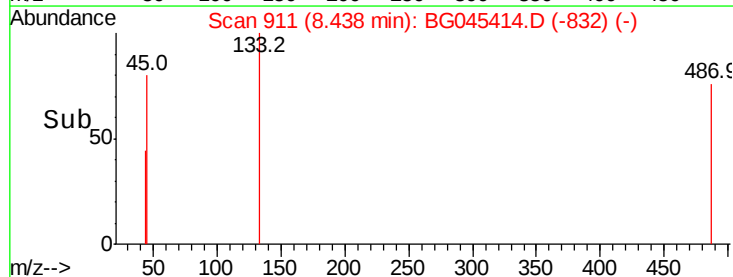
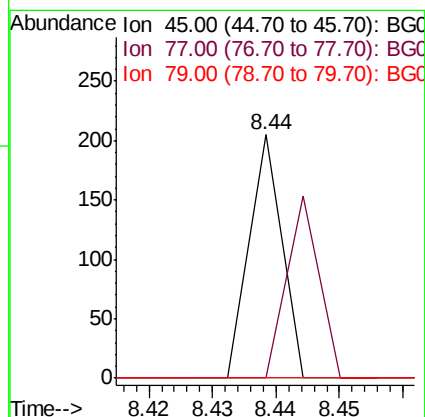
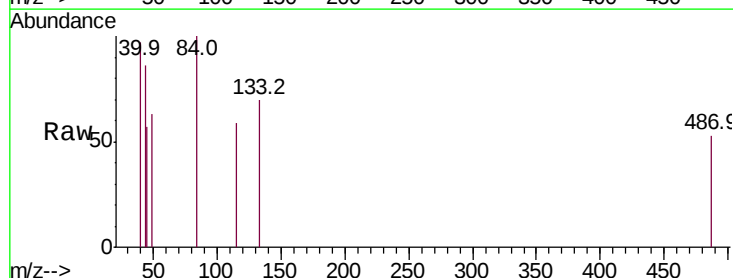
Tgt Ion: 45 Resp: 72

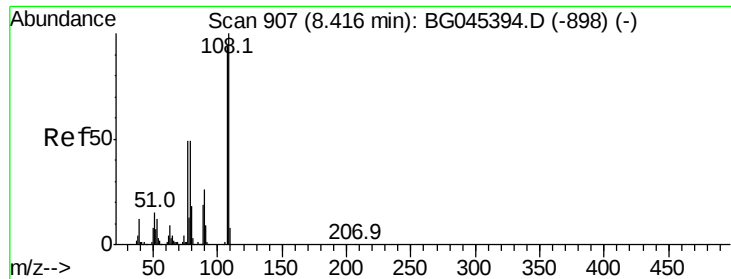
Ion Ratio Lower Upper

45 100

77 0.0 4.0 44.0#

79 0.0 0.0 38.6





#17

2-Methylphenol

Concen: 0.016 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.20 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

Tot Ion:107 Resp: 62

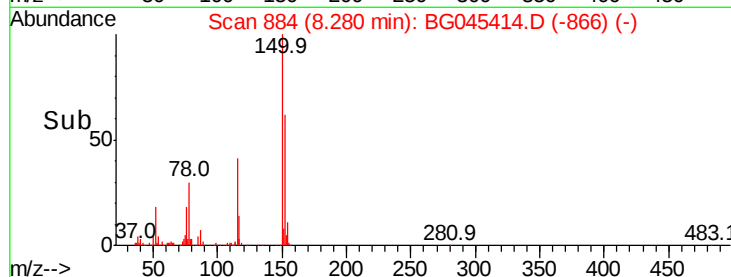
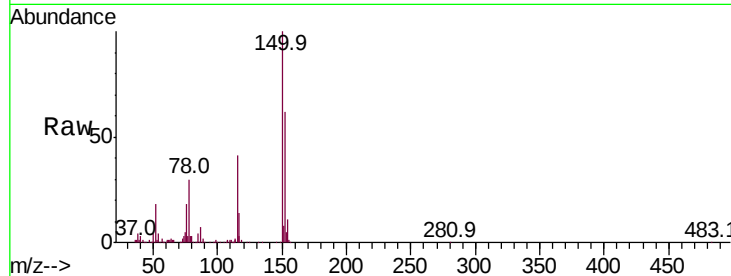
Ion Ratio Lower Upper

107 100

108 379.7 85.2 127.8#

77 1436.2 41.6 62.4#

79 1414.1 41.8 62.8#



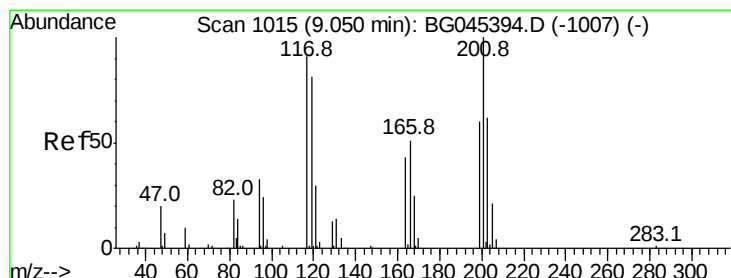
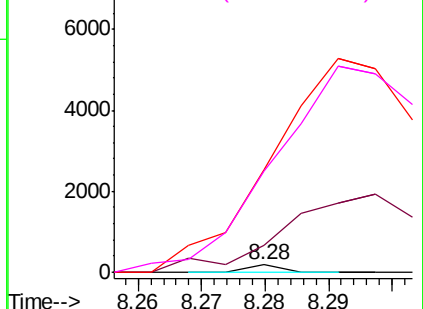
Abundance

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: 0.037 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

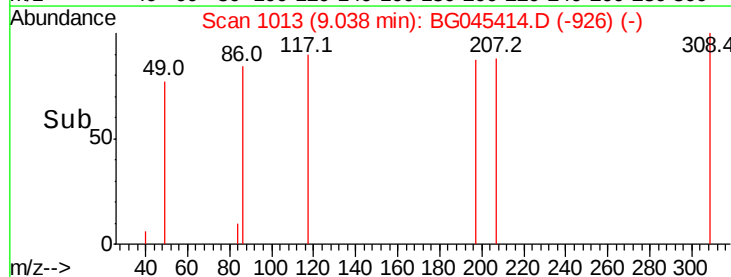
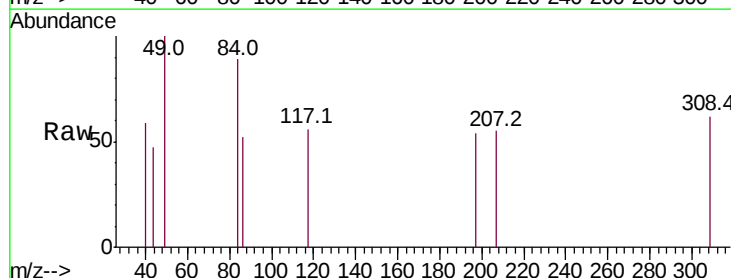
Tgt Ion:117 Resp: 65

Ion Ratio Lower Upper

117 100

119 0.0 71.3 106.9#

201 0.0 87.5 131.3#

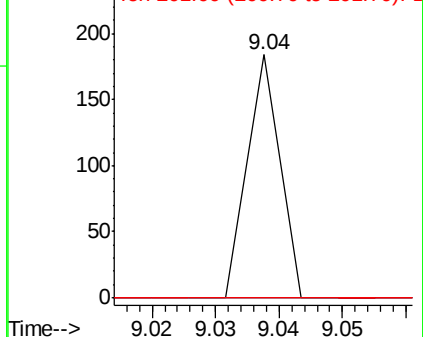


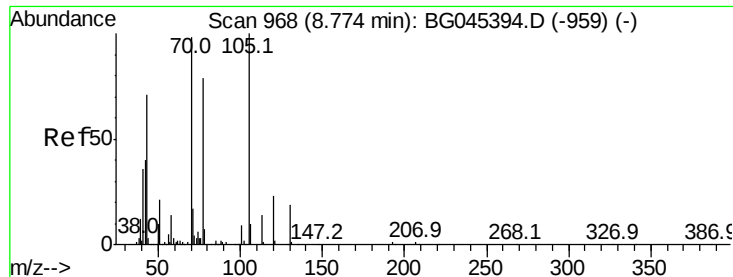
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

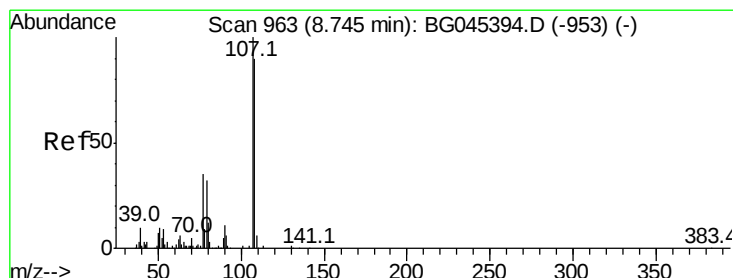
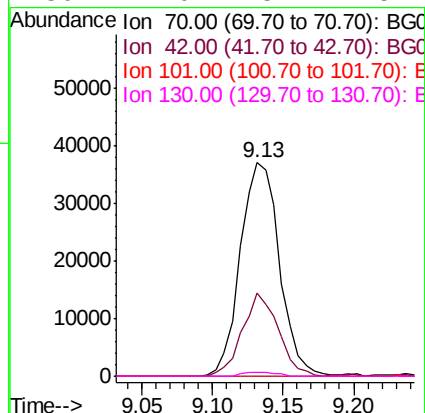
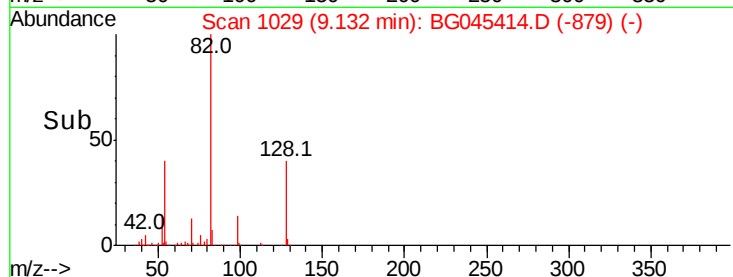
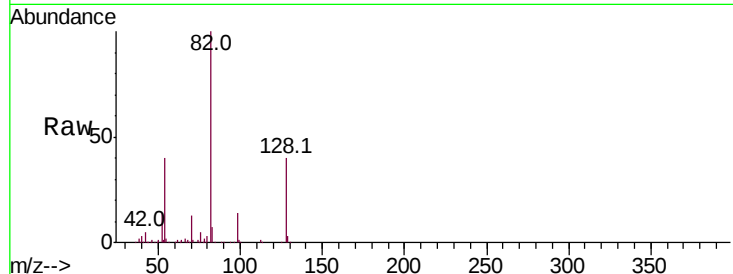




#19
n-Nitroso-di-n-propylamine
Concen: 20.460 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

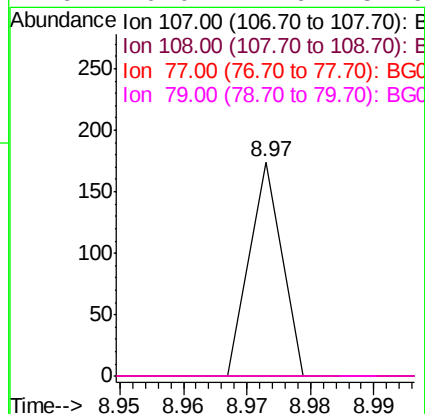
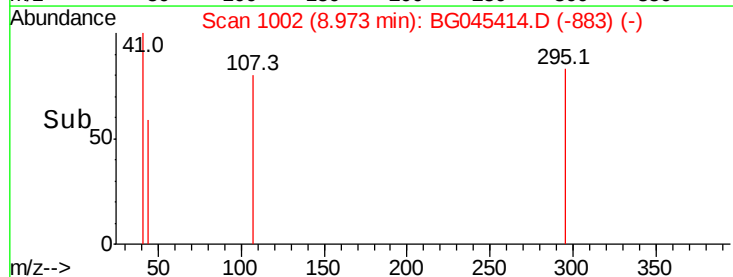
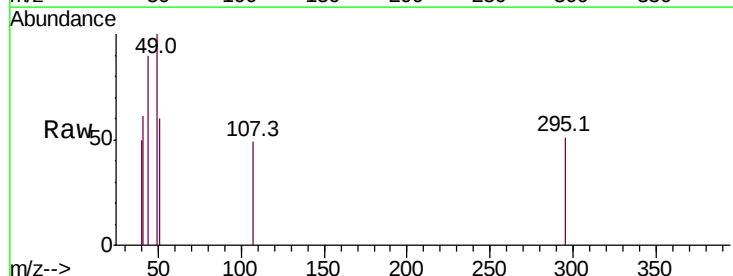
Instrument :
BNA_G
ClientSampleId :
PB128957BL

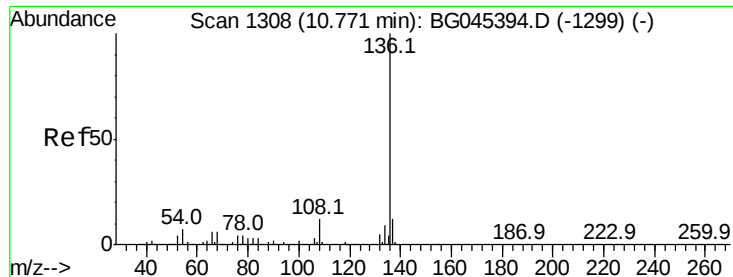
Tot Ion:	70	Resp:	71929
Ion	Ratio	Lower	Upper
70	100		
42	39.3	33.2	49.8
101	0.0	7.8	11.6#
130	2.0	15.4	23.2#



#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 8.97 min Scan# 1002
Delta R.T. 0.17 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:	107	Resp:	61
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#

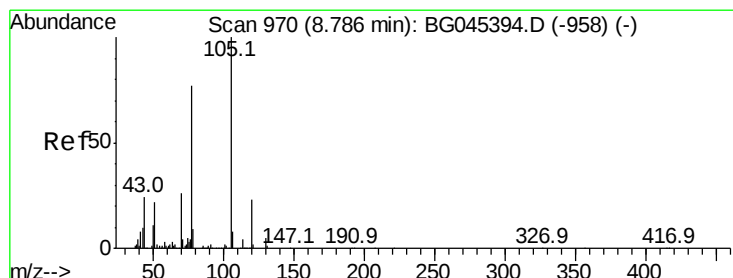
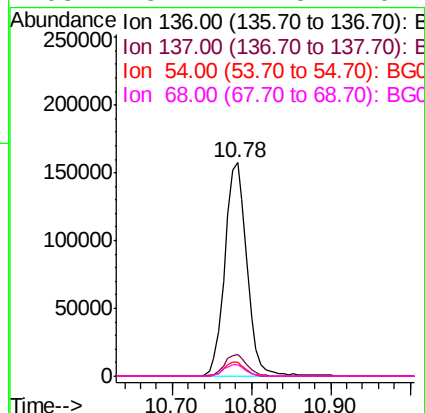
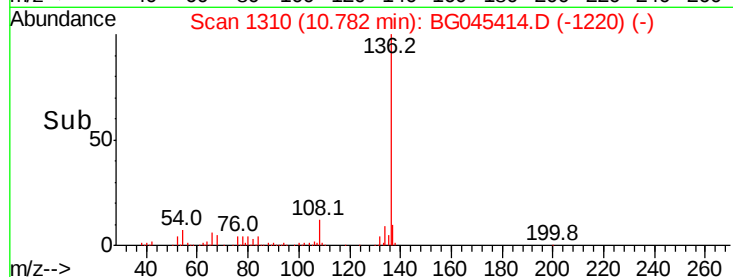
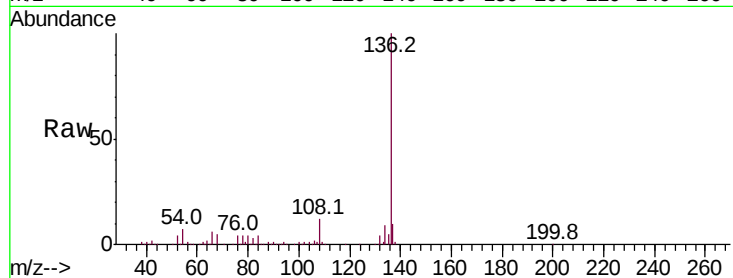




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

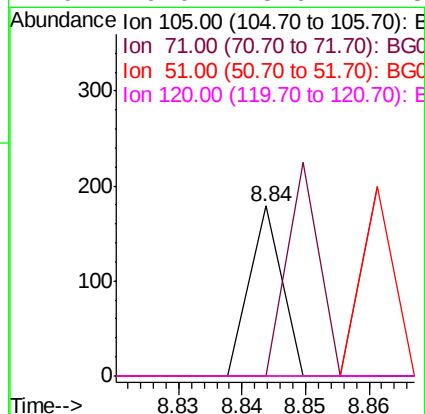
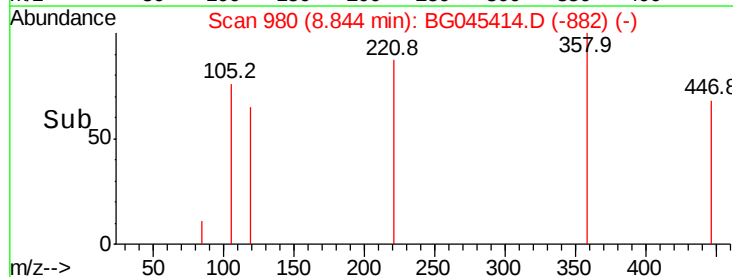
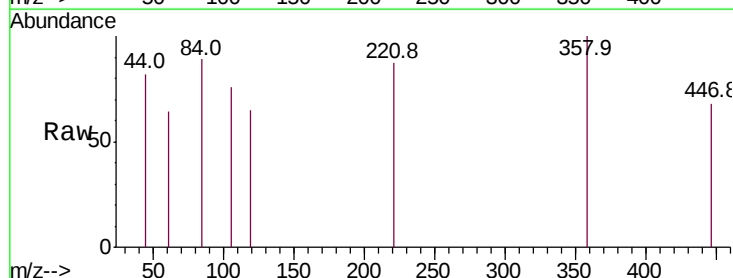
Instrument :
BNA_G
ClientSampleId :
PB128957BL

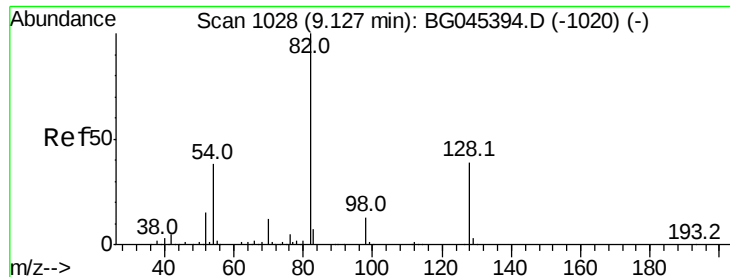
Tot Ion:	136	Resp:	303198
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	6.8	5.8	8.6
68	5.2	4.5	6.7



#22
Acetophenone
Concen: 0.009 ng
RT: 8.84 min Scan# 980
Delta R.T. 0.05 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:	105	Resp:	63
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#

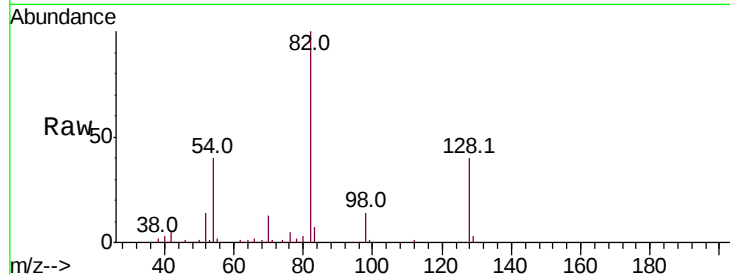




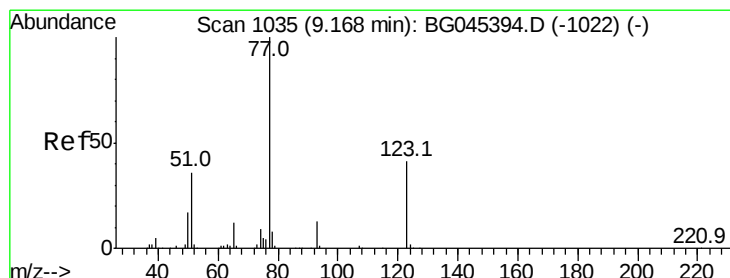
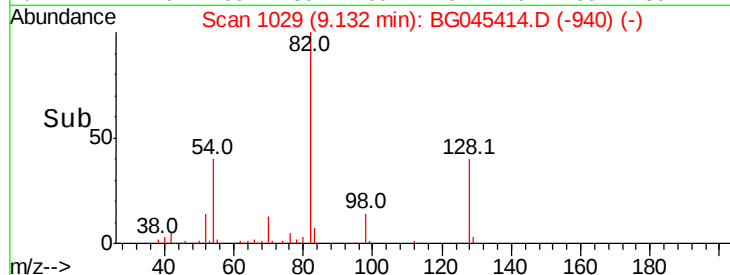
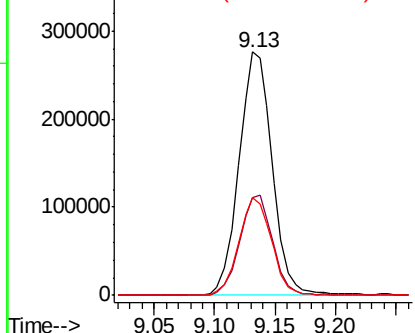
#23
 Nitrobenzene-d5
 Concen: 94.918 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.9	46.3
54	40.2	30.3	45.5

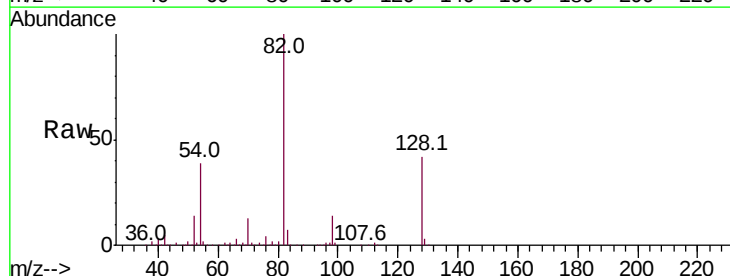


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

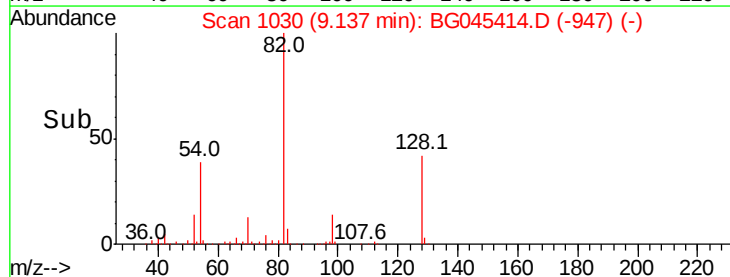
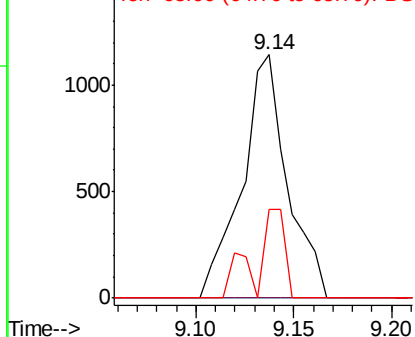


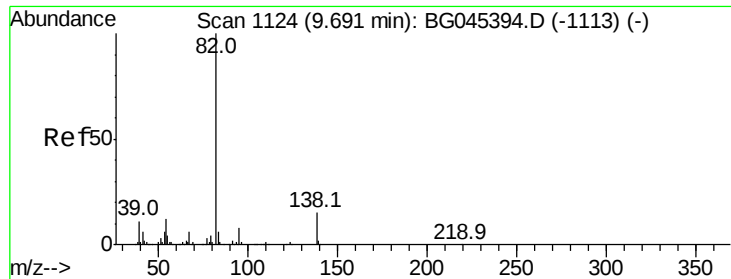
#24
 Nitrobenzene
 Concen: 0.310 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.04 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.9	49.3#
65	36.2	9.4	14.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.032 ng

RT: 9.76 min Scan# 1136

Delta R.T. 0.06 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

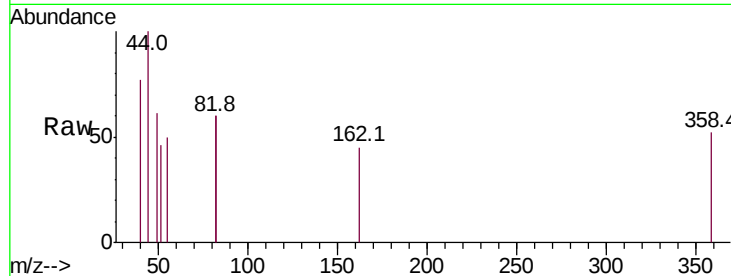
Tot Ion: 82 Resp: 353

Ion Ratio Lower Upper

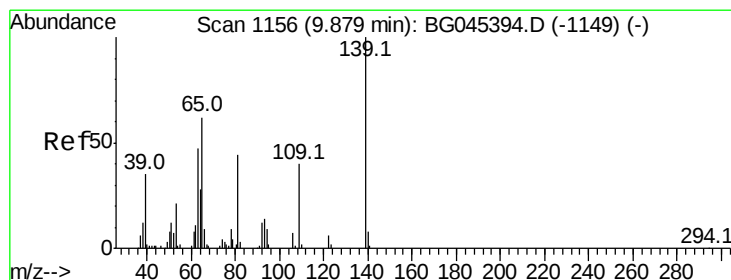
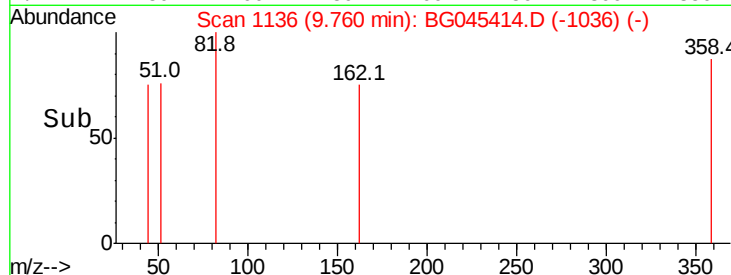
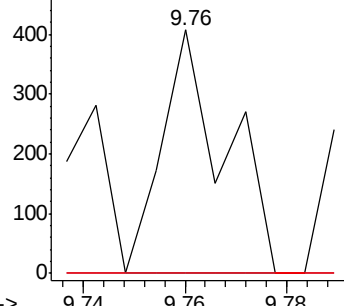
82 100

95 0.0 6.7 10.1#

138 0.0 12.2 18.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.021 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.05 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

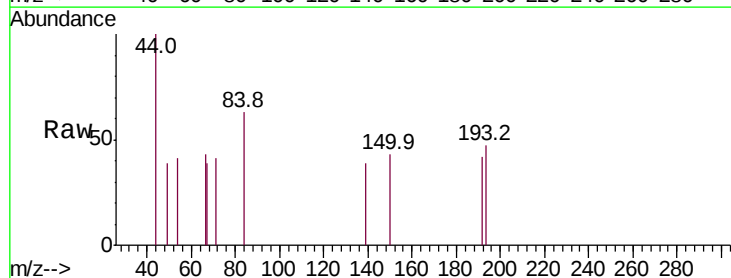
Tgt Ion: 139 Resp: 54

Ion Ratio Lower Upper

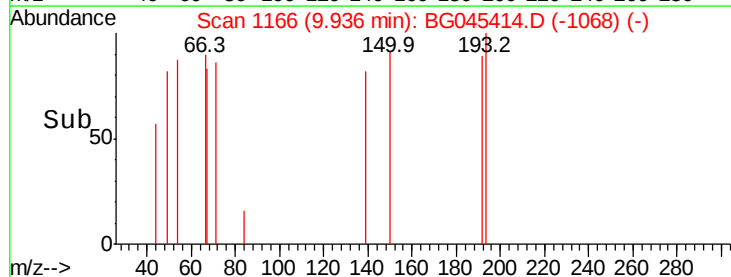
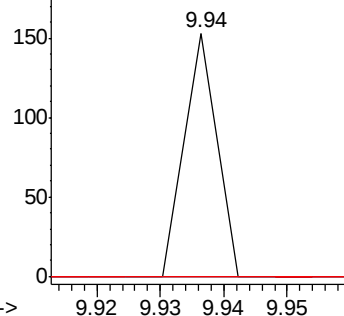
139 100

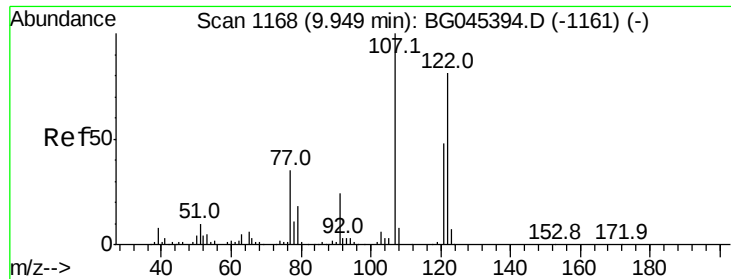
109 0.0 32.2 48.4#

65 0.0 49.6 74.4#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

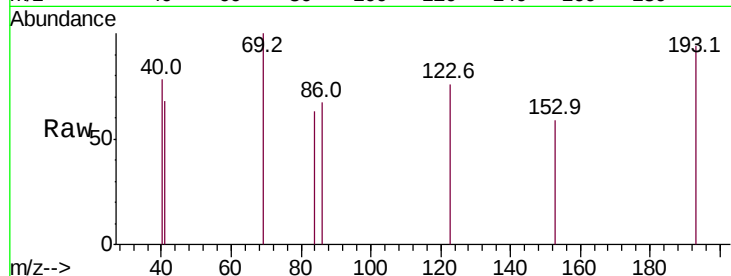




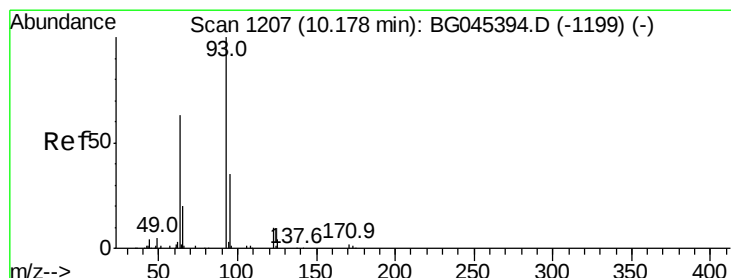
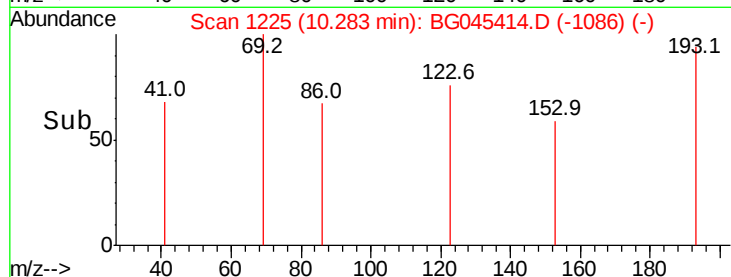
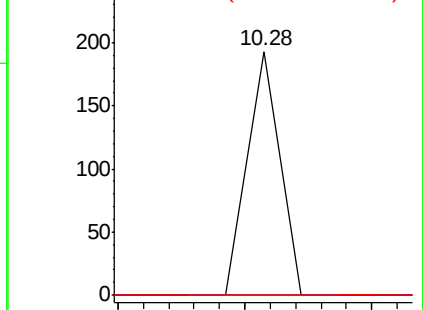
#27
 2,4-Dimethylphenol
 Concen: 0.018 ng
 RT: 10.28 min Scan# 1225
 Delta R.T. 0.29 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion:122 Resp: 68
 Ion Ratio Lower Upper
 122 100
 107 0.0 99.0 148.4#
 121 0.0 47.7 71.5#

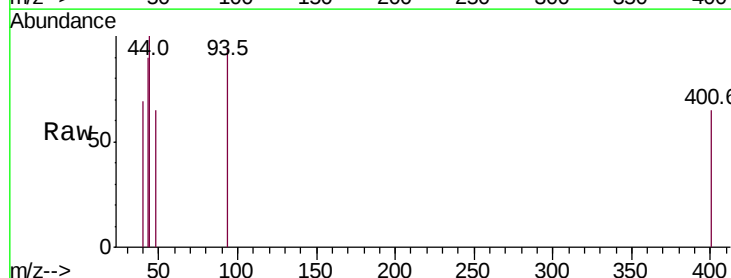


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

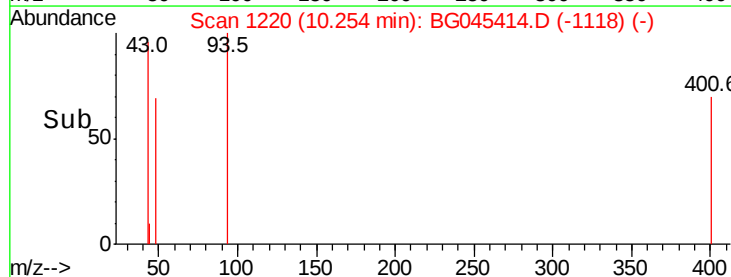
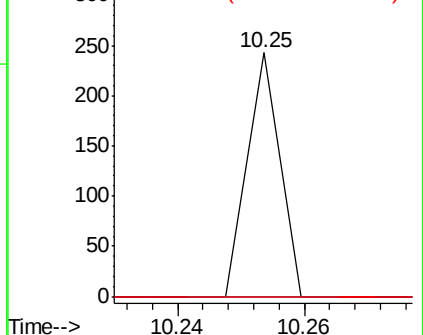


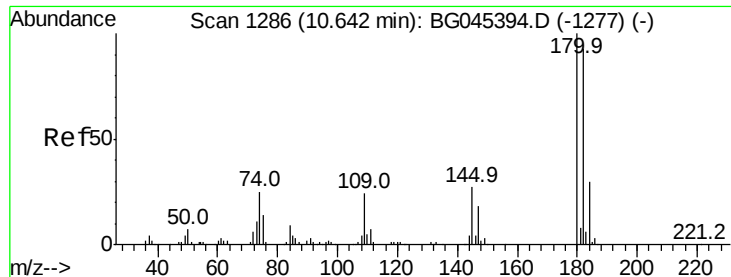
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.015 ng
 RT: 10.25 min Scan# 1220
 Delta R.T. 0.07 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion: 93 Resp: 86
 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

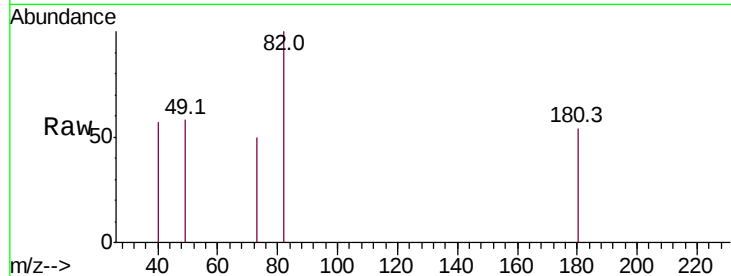




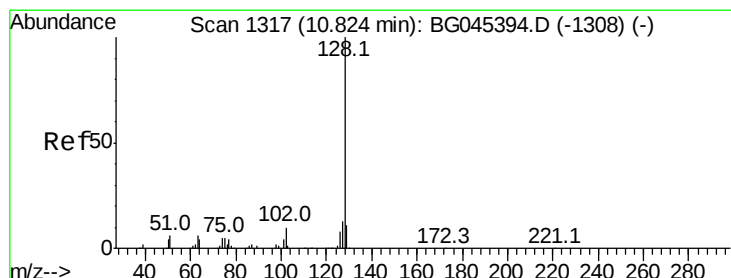
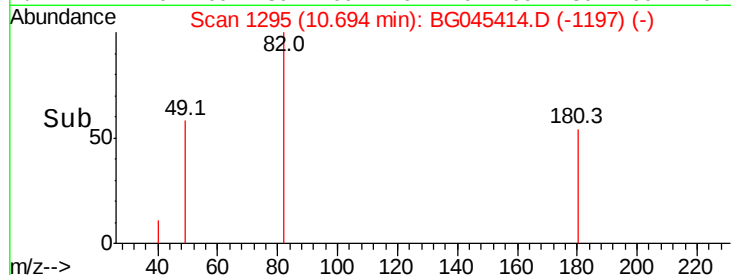
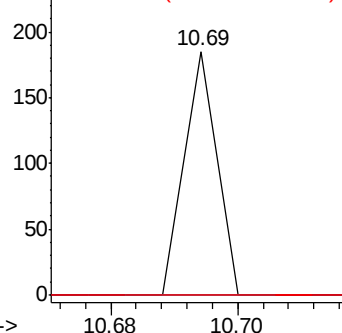
#30
 1,2,4-Trichlorobenzene
 Concen: 0.012 ng
 RT: 10.69 min Scan# 1295
 Delta R.T. 0.05 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion:180 Resp: 65
 Ion Ratio Lower Upper
 180 100
 182 0.0 74.8 112.2#
 145 0.0 21.9 32.9#

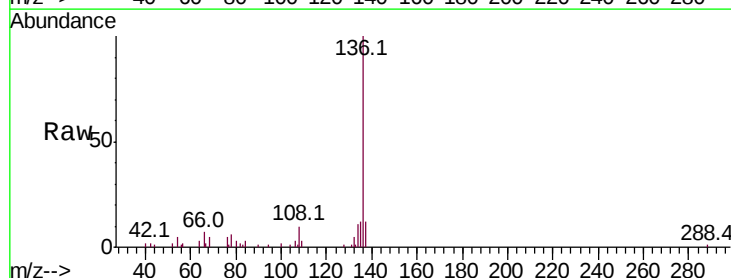


Abundance Ion 180.00 (179.70 to 180.70): E
 250 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

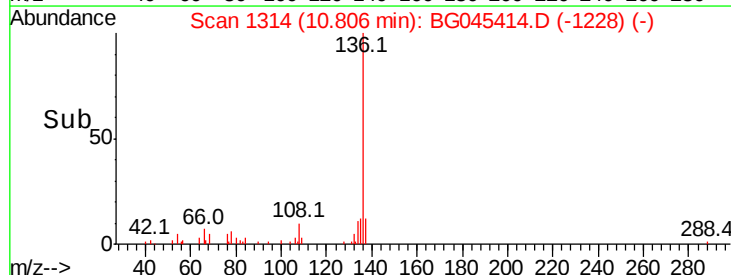
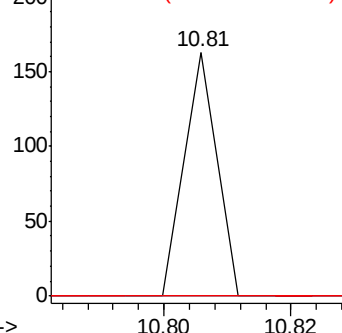


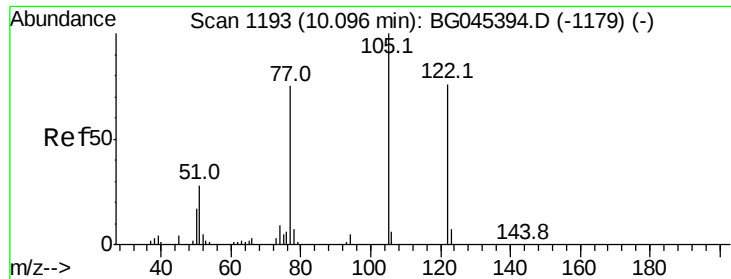
#31
 Naphthalene
 Concen: 0.004 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion:128 Resp: 57
 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: 10.043 ng

RT: 10.28 min Scan# 1225

Delta R.T. 0.09 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

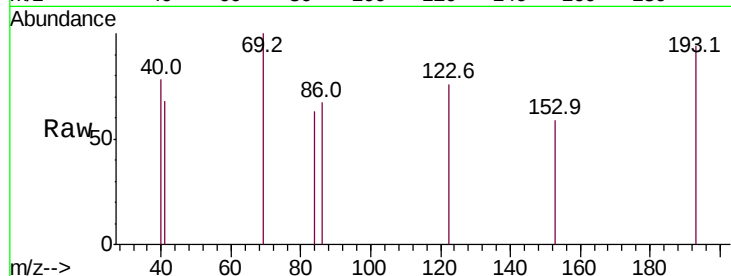
Tot Ion:122 Resp: 68

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

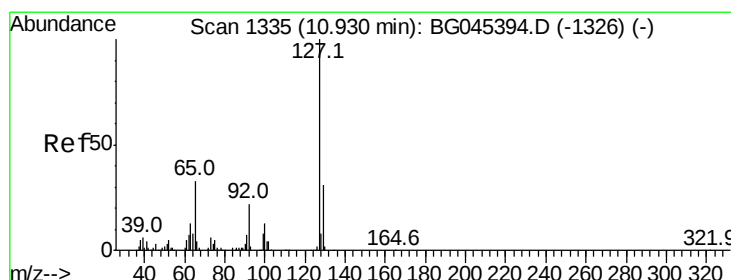
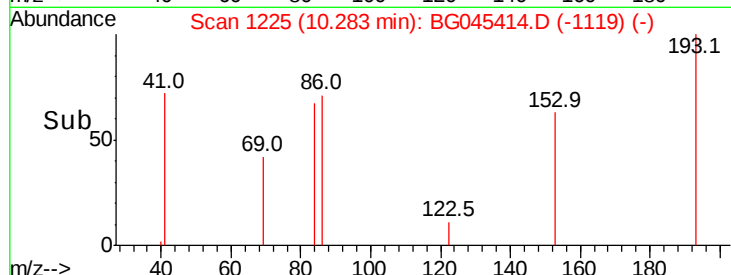
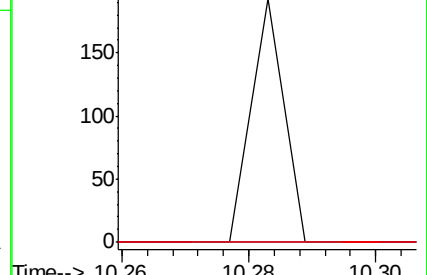
77 0.0 78.9 118.9#



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: 0.016 ng

RT: 10.92 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Tgt Ion:127 Resp: 94

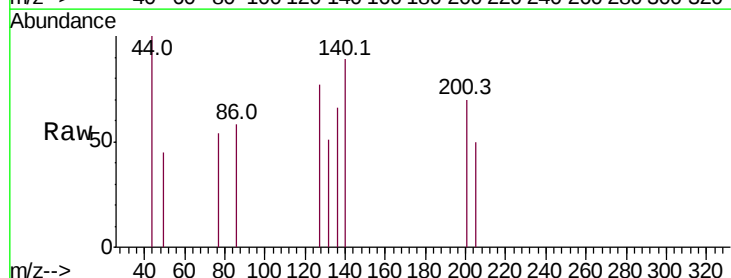
Ion Ratio Lower Upper

127 100

129 0.0 24.7 37.1#

65 0.0 26.2 39.2#

92 0.0 17.9 26.9#

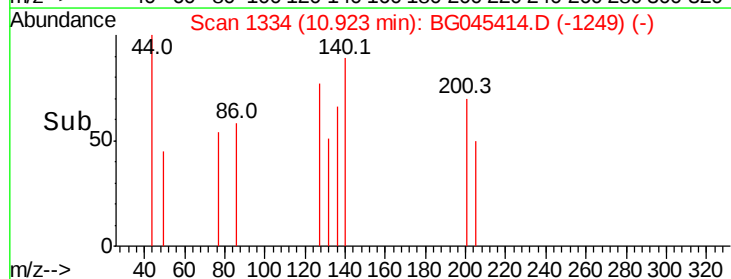
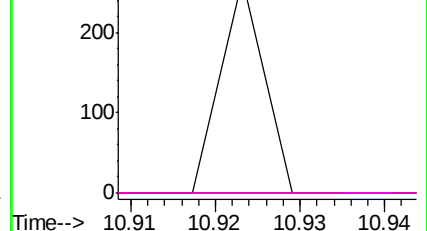


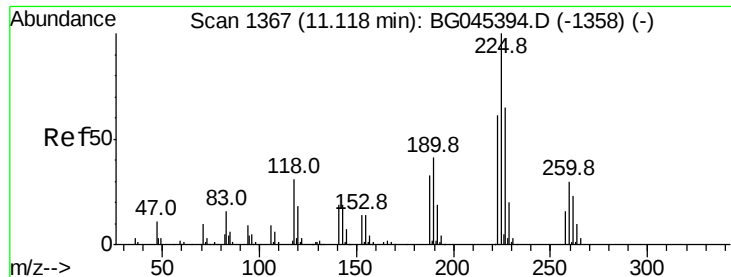
Abundance Ion 127.00 (126.70 to 127.70): E

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: 0.014 ng

RT: 11.59 min Scan# 1447

Delta R.T. 0.46 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

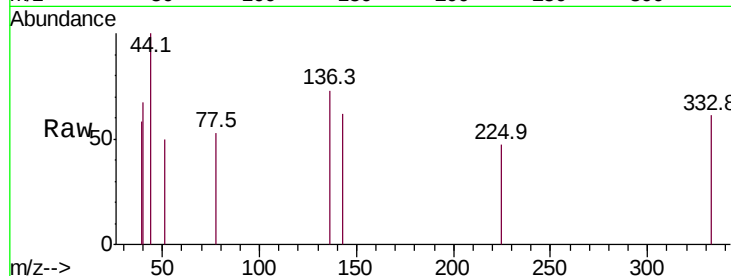
Tot Ion:225 Resp: 54

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

227 0.0 52.0 78.0#

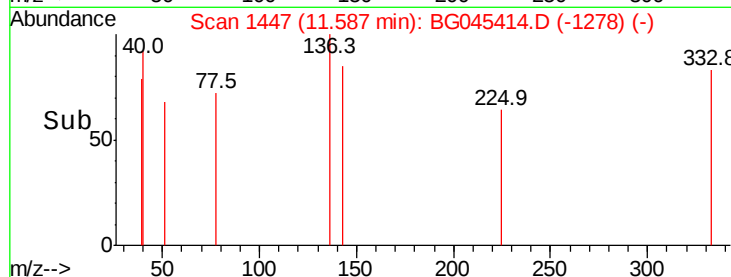


Abundance Ion 225.00 (224.70 to 225.70): E

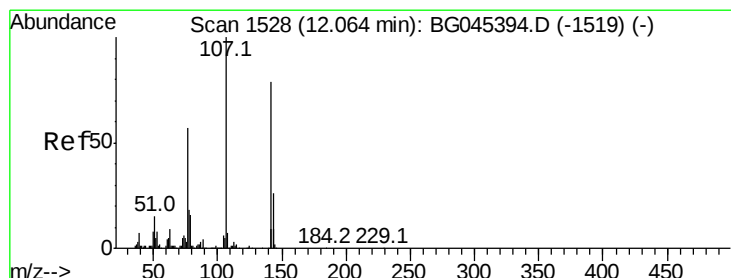
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

11.59



Time-->



#36

4-Chloro-3-methylphenol

Concen: 0.024 ng

RT: 12.10 min Scan# 1535

Delta R.T. -0.02 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

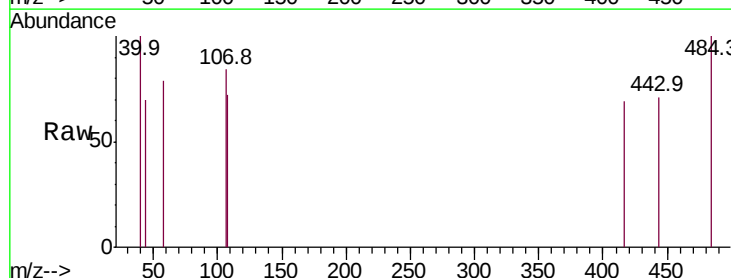
Tgt Ion:107 Resp: 119

Ion Ratio Lower Upper

107 100

144 0.0 20.8 31.2#

142 0.0 62.8 94.2#

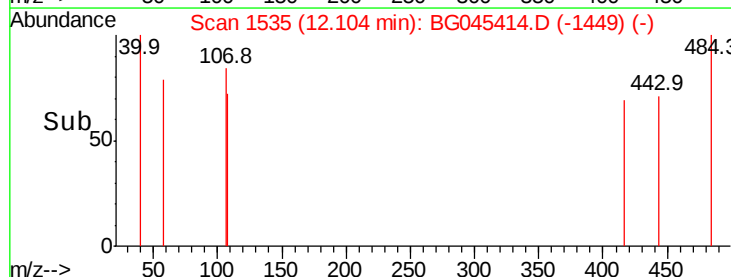


Abundance Ion 107.00 (106.70 to 107.70): E

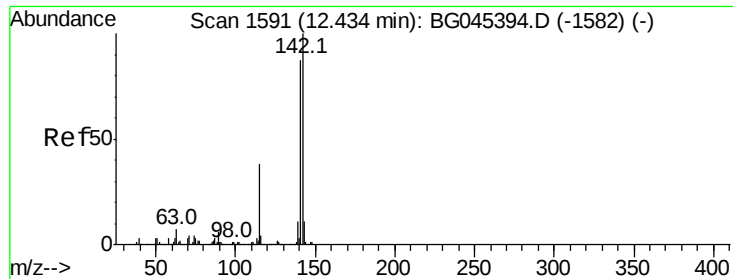
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.10



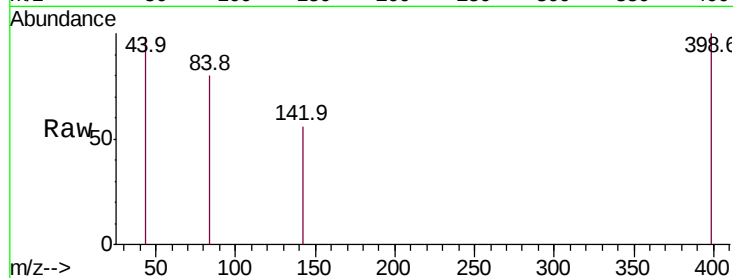
Time-->



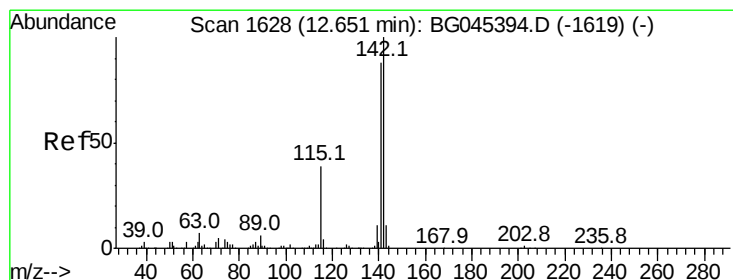
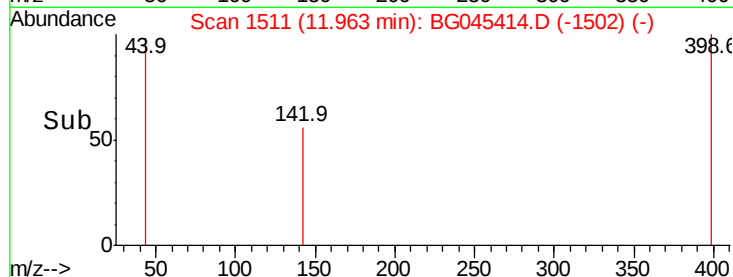
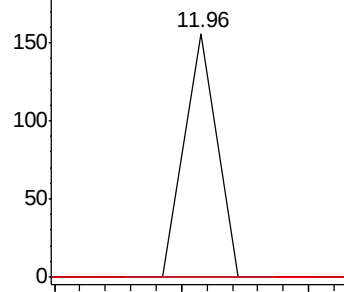
#37
 2-Methylnaphthalene
 Concen: 0.005 ng
 RT: 11.96 min Scan# 1511
 Delta R.T. -0.48 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

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

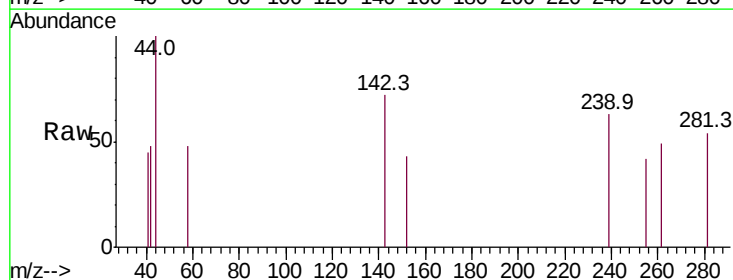


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

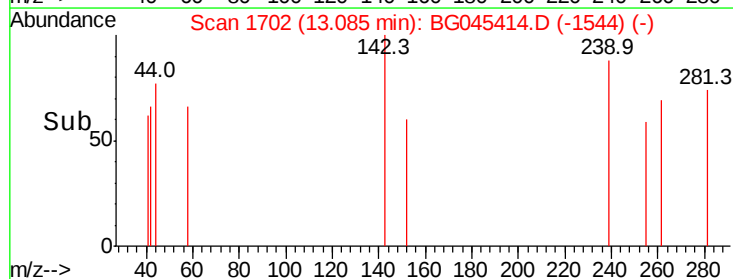
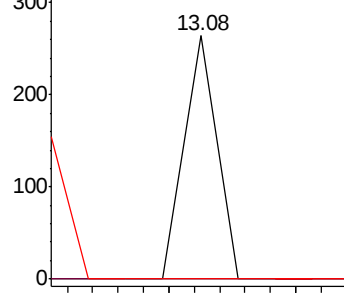


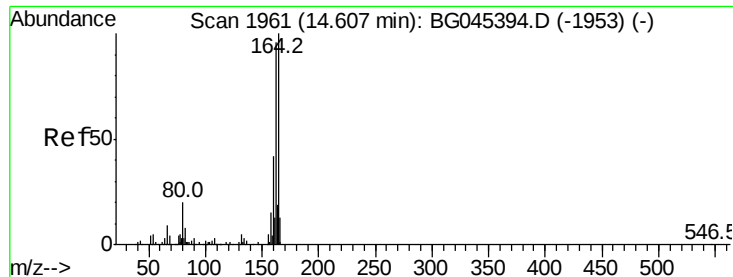
#38
 1-Methylnaphthalene
 Concen: 0.009 ng
 RT: 13.08 min Scan# 1702
 Delta R.T. 0.43 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

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



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: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

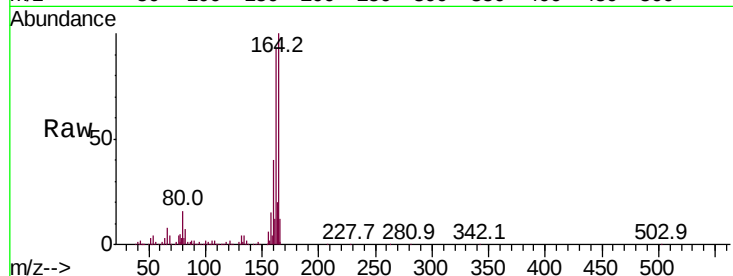
Tot Ion:164 Resp: 226035

Ion Ratio Lower Upper

164 100

162 93.0 76.9 115.3

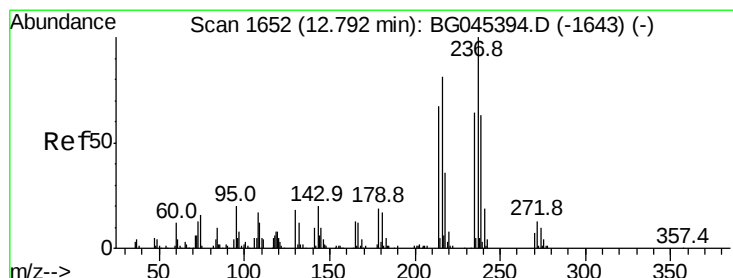
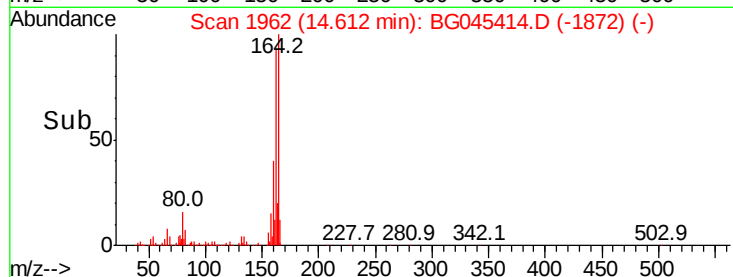
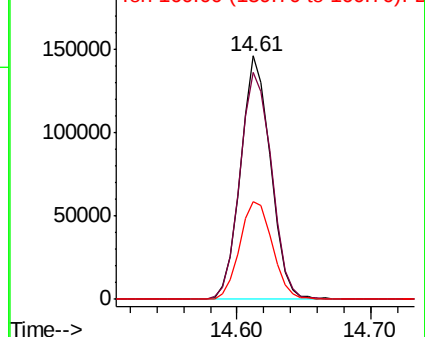
160 40.1 33.8 50.8



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



#41

Hexachlorocyclopentadiene

Concen: 0.017 ng

RT: 12.94 min Scan# 1678

Delta R.T. 0.15 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

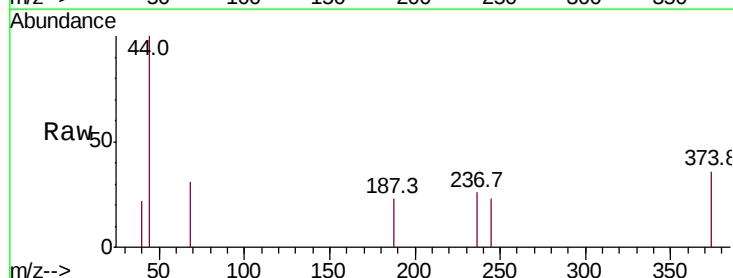
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 44.4 84.4#

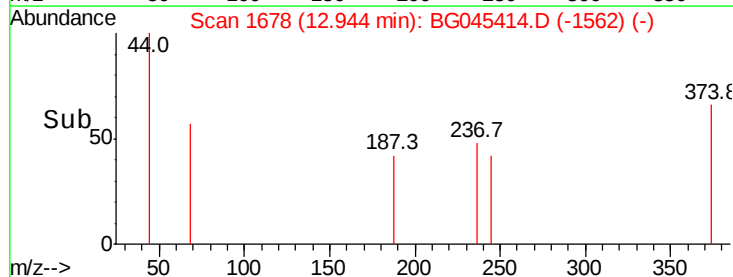
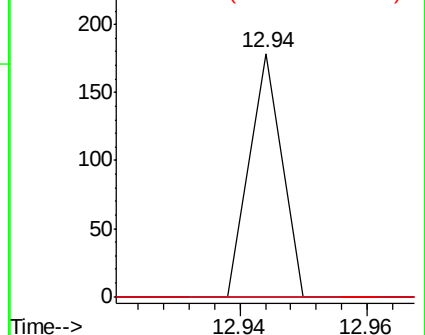
272 0.0 0.0 32.5

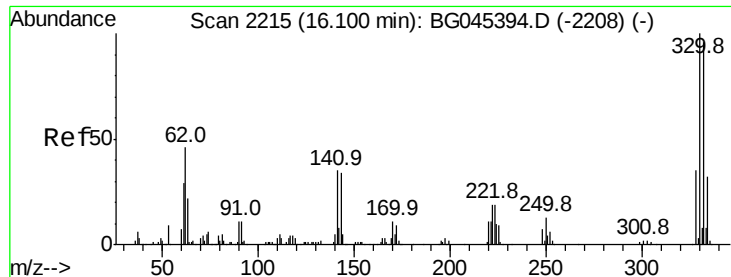


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

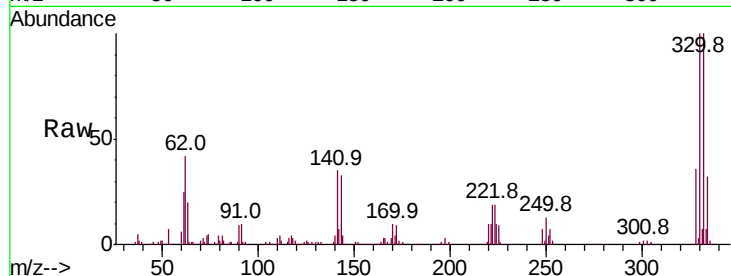




#42
 2,4,6-Tribromophenol
 Concen: 135.440 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.2	117.4
141	36.3	28.2	42.4

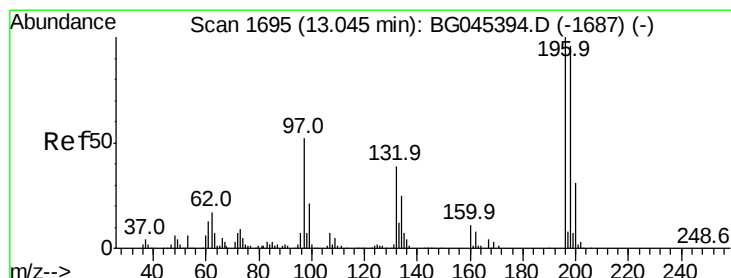
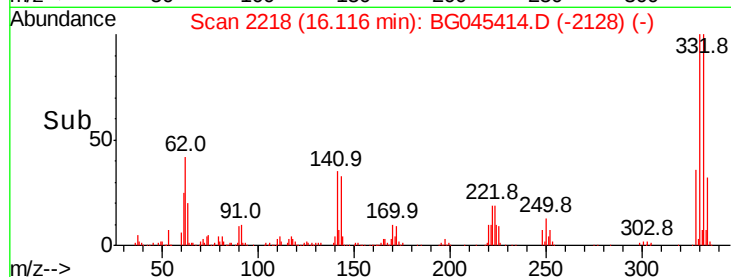
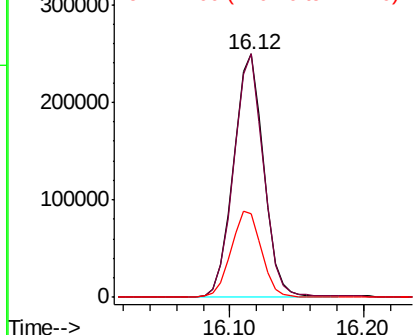


Abundance

Ion 329.80 (329.50 to 330.50): E

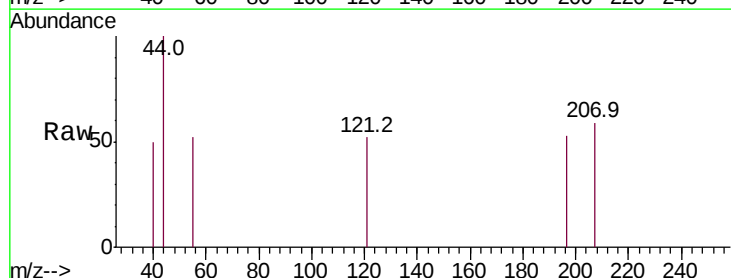
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 0.015 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.09 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.7	115.1#
200	0.0	24.9	37.3#

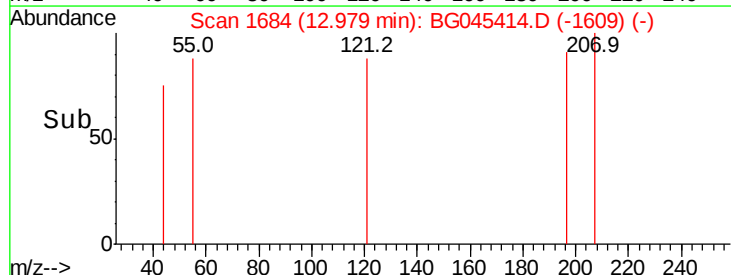
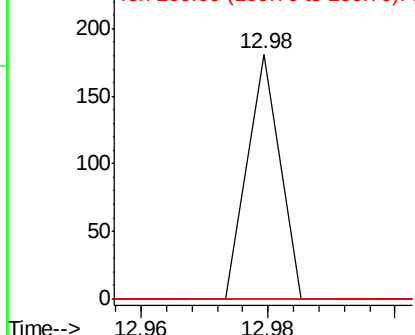


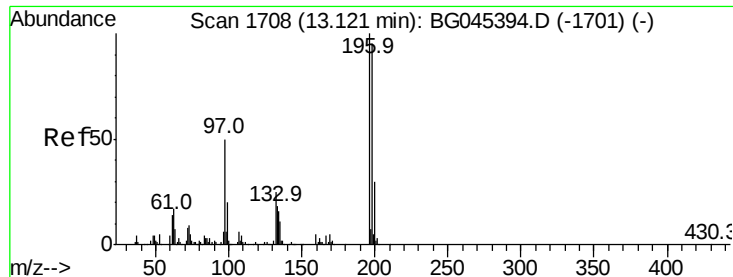
Abundance

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: 0.013 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.19 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

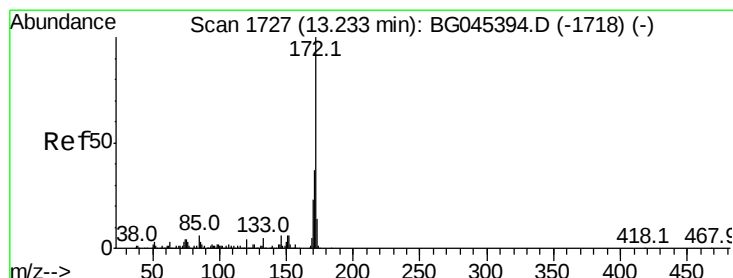
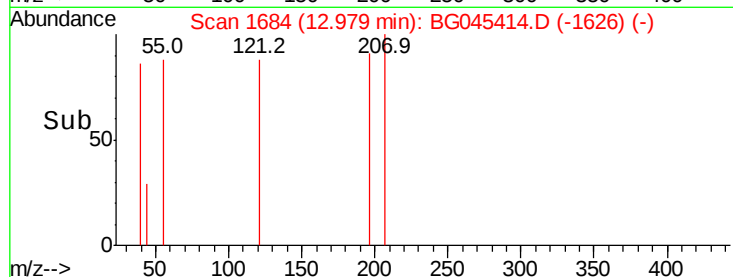
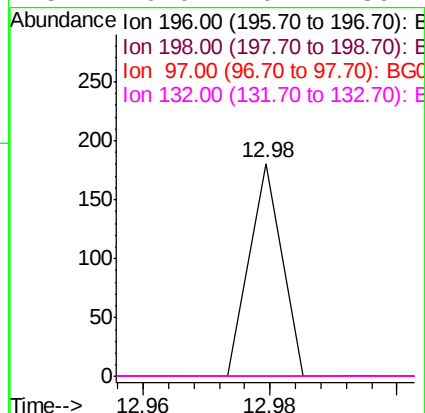
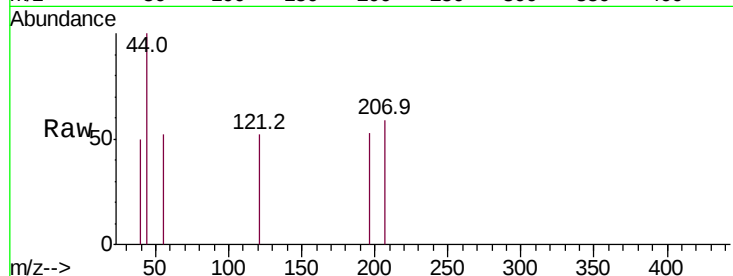
Instrument :

BNA_G

ClientSampleId :

PB128957BL

Tot Ion:	196	Resp:	64
Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.1	114.1#
97	0.0	40.0	60.0#
132	0.0	20.2	30.2#



#45

2-Fluorobiphenyl

Concen: 94.314 ng

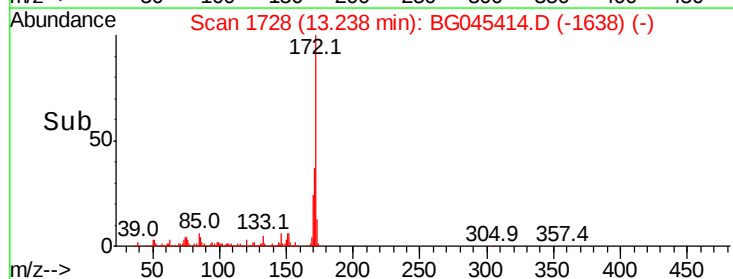
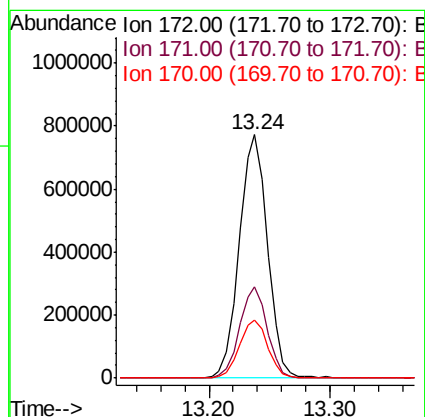
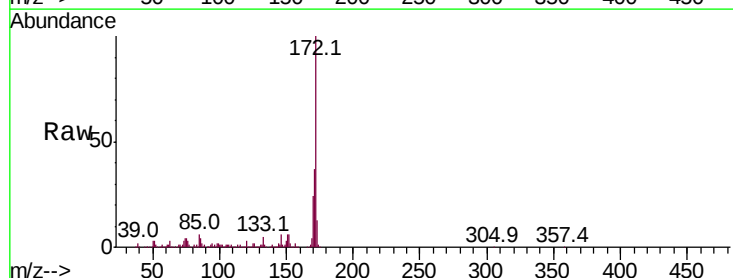
RT: 13.24 min Scan# 1728

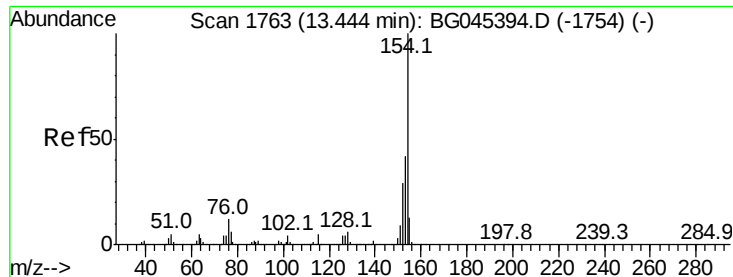
Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Tgt Ion:	172	Resp:	1256815
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	23.7	18.5	27.7





#46

1,1'-Biphenyl

Concen: 0.220 ng

RT: 13.44 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

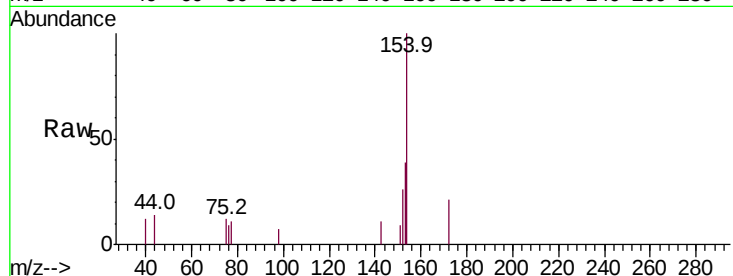
Tot Ion:154 Resp: 3057

Ion Ratio Lower Upper

154 100

153 39.2 22.2 62.2

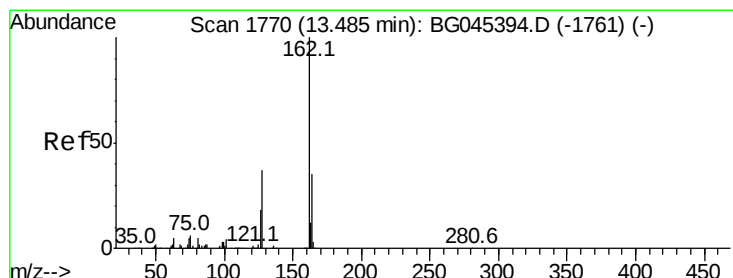
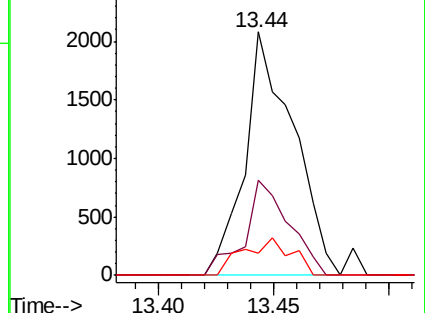
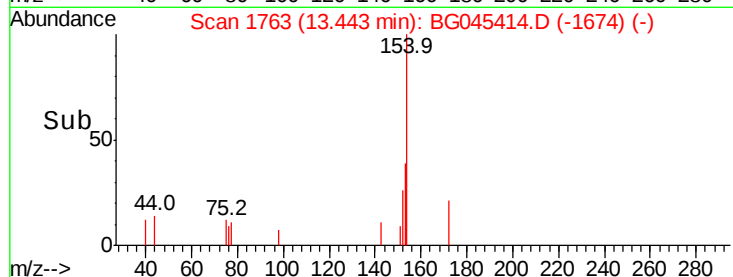
76 9.1 0.0 32.4



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: 0.005 ng

RT: 13.07 min Scan# 1700

Delta R.T. -0.42 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

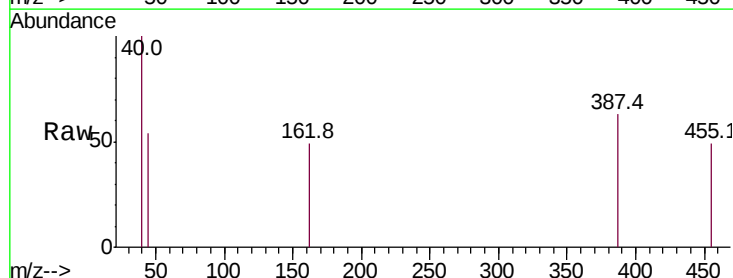
Tgt Ion:162 Resp: 59

Ion Ratio Lower Upper

162 100

127 0.0 31.6 47.4#

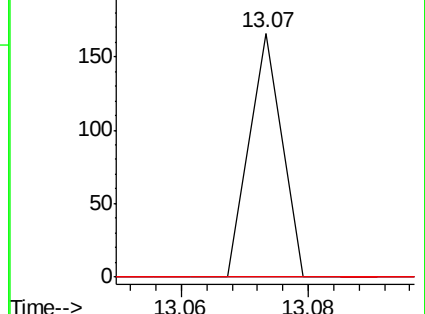
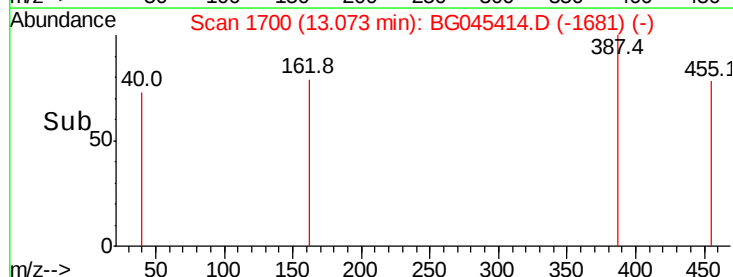
164 0.0 28.1 42.1#

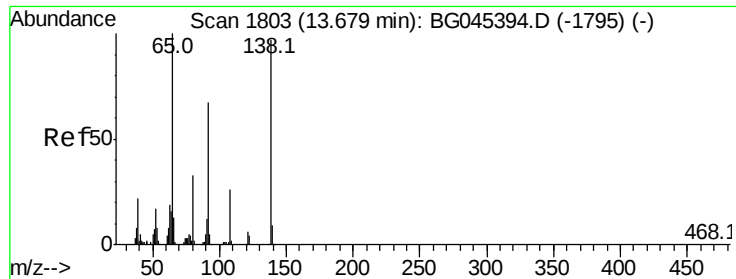


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 0.019 ng

RT: 13.96 min Scan# 1851

Delta R.T. 0.26 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

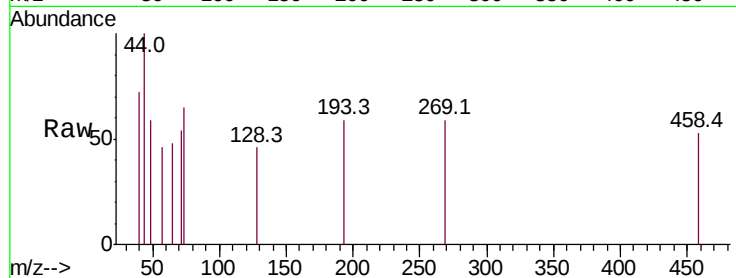
Tot Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.8#

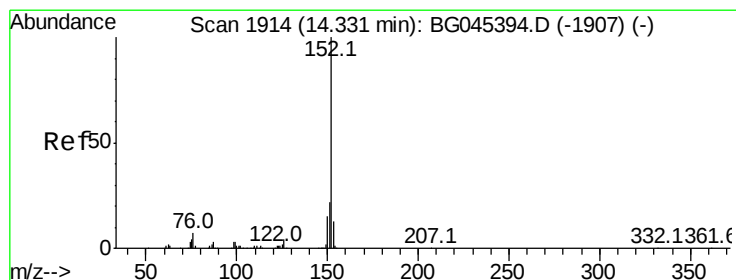
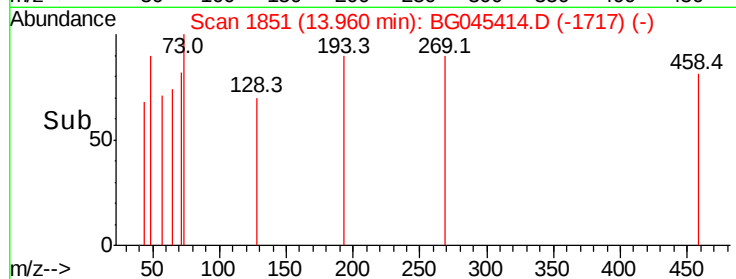
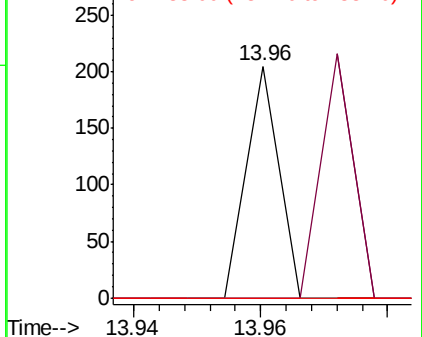
138 0.0 77.9 116.9#



Abundance Ion 65.00 (64.70 to 65.70): BG045414.D (-1795) (-)

Ion 92.00 (91.70 to 92.70): BG045414.D (-1795) (-)

Ion 138.00 (137.70 to 138.70): BG045414.D (-1795) (-)



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.44 min Scan# 1932

Delta R.T. 0.10 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

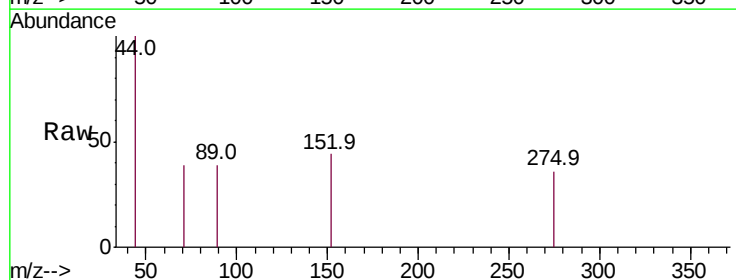
Tgt Ion: 152 Resp: 66

Ion Ratio Lower Upper

152 100

151 0.0 17.4 26.2#

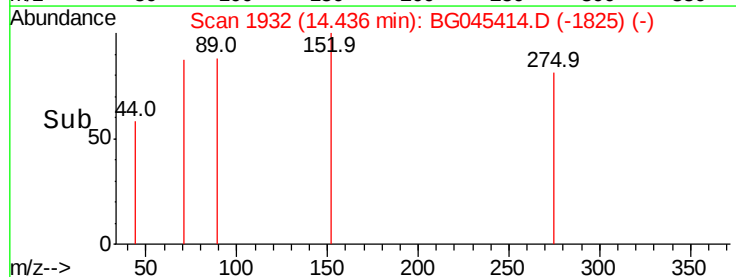
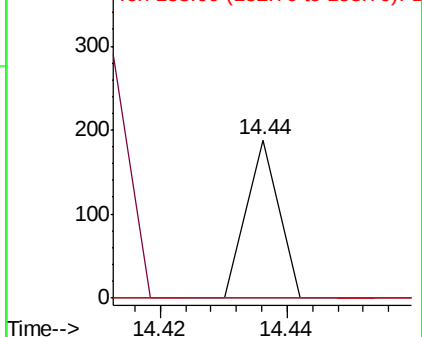
153 0.0 10.7 16.1#

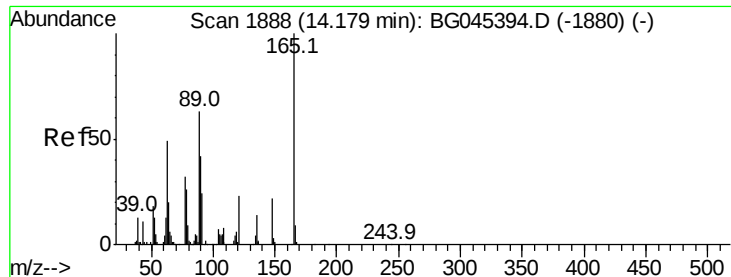


Abundance Ion 152.00 (151.70 to 152.70): BG045414.D (-1825) (-)

Ion 151.00 (150.70 to 151.70): BG045414.D (-1825) (-)

Ion 153.00 (152.70 to 153.70): BG045414.D (-1825) (-)

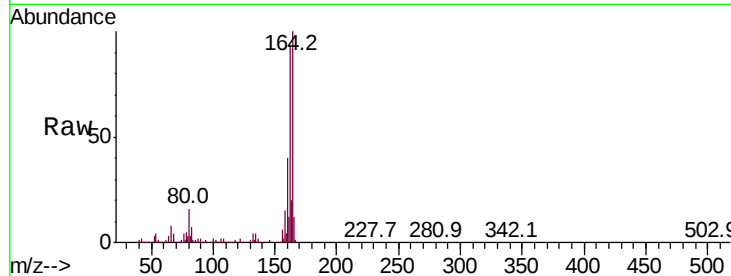




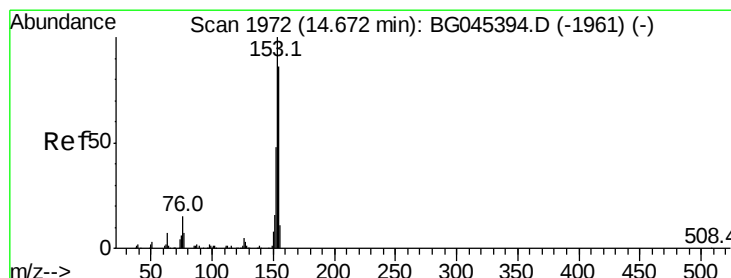
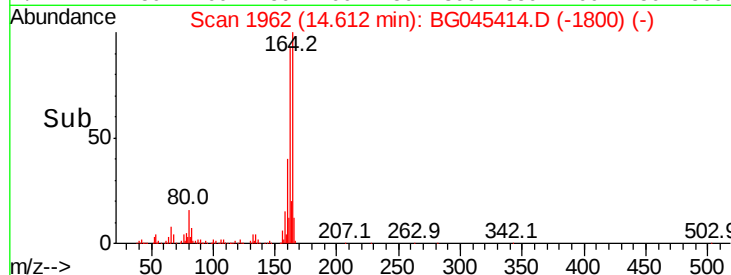
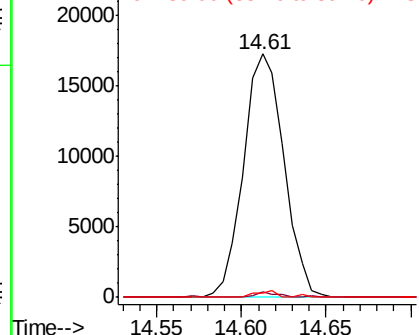
#51
 2,6-Dinitrotoluene
 Concen: 8.237 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. 0.42 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion:165 Resp: 28820
 Ion Ratio Lower Upper
 165 100
 63 2.3 45.0 67.4#
 89 2.0 50.2 75.4#

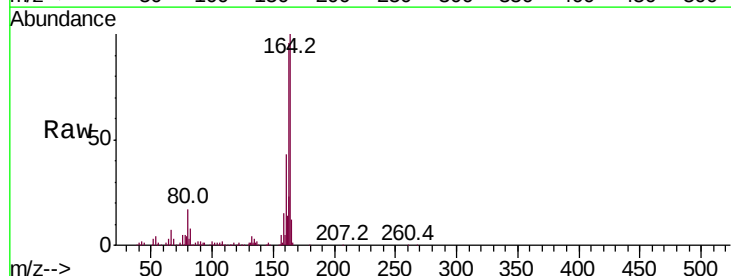


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

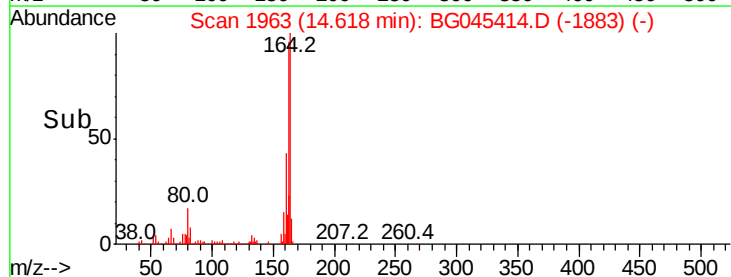
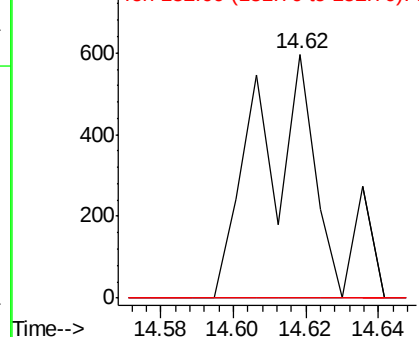


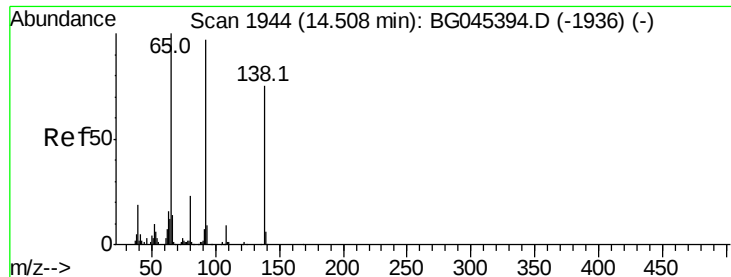
#52
 Acenaphthene
 Concen: 0.052 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.06 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion:154 Resp: 627
 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

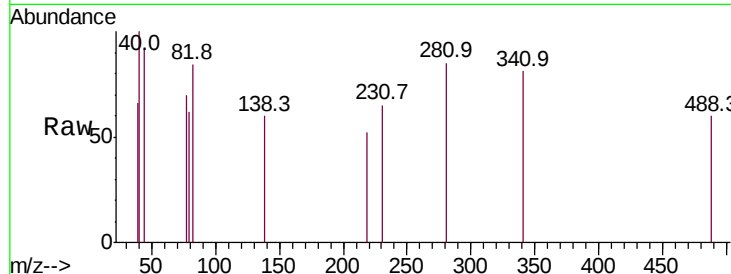




#53
3-Nitroaniline
Concen: 0.017 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.44 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

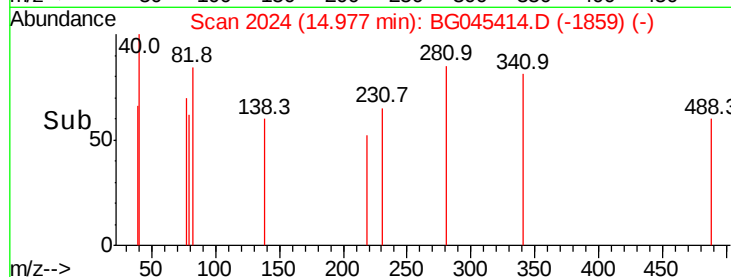
Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 0.0 9.8 14.6#
92 0.0 103.0 154.4#

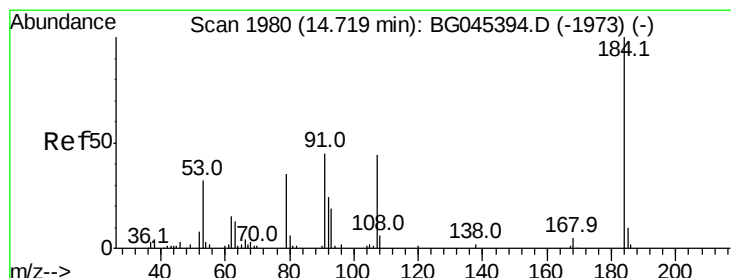


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

14.98

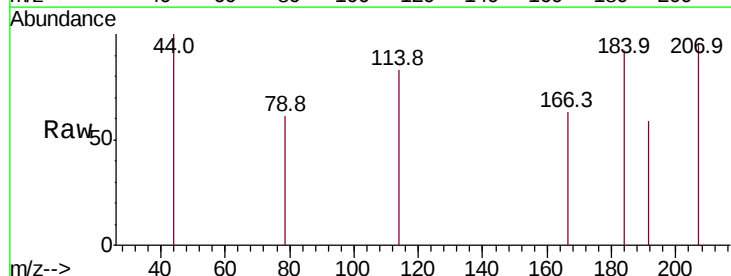


Time-->



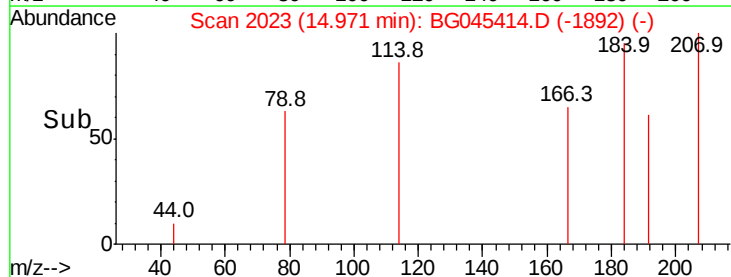
#54
2,4-Dinitrophenol
Concen: 5.499 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.24 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
63 0.0 47.8 71.6#
154 0.0 58.3 87.5#

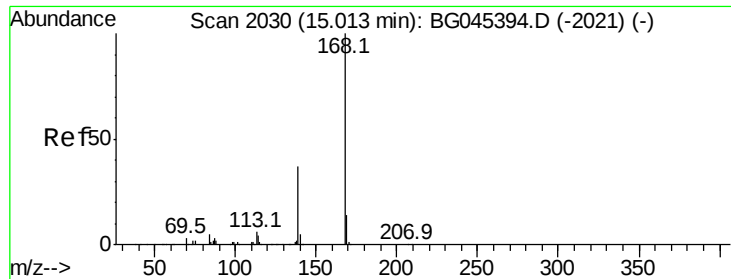


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

14.97



Time-->



#55

Dibenzofuran

Concen: 0.004 ng

RT: 15.12 min Scan# 2048

Delta R.T. 0.10 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

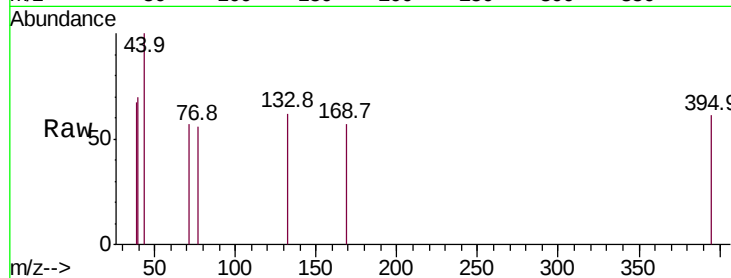
Tot Ion:168 Resp: 67

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

15.12

200

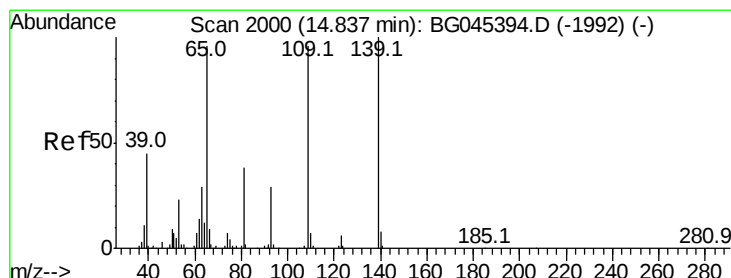
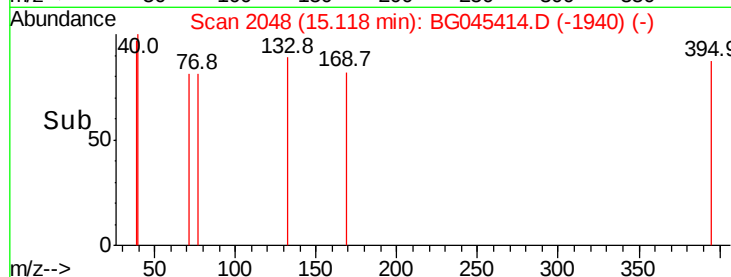
150

100

50

0

Time--> 15.10 15.12



#56

4-Nitrophenol

Concen: 0.030 ng

RT: 14.98 min Scan# 2025

Delta R.T. 0.06 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

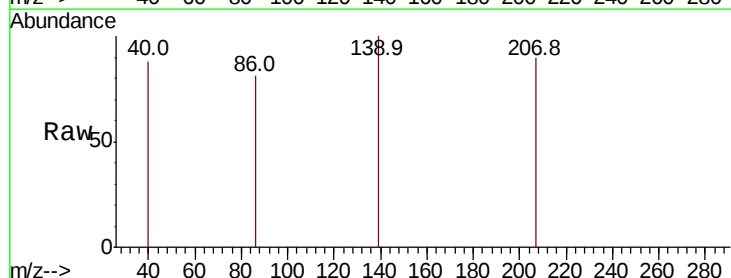
Tgt Ion:139 Resp: 80

Ion Ratio Lower Upper

139 100

109 0.0 75.6 115.6#

65 0.0 76.8 116.8#



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

14.98

300

250

200

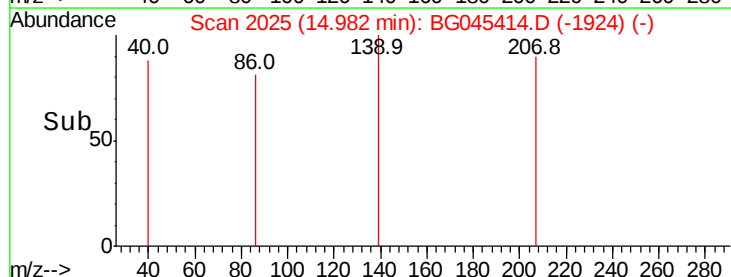
150

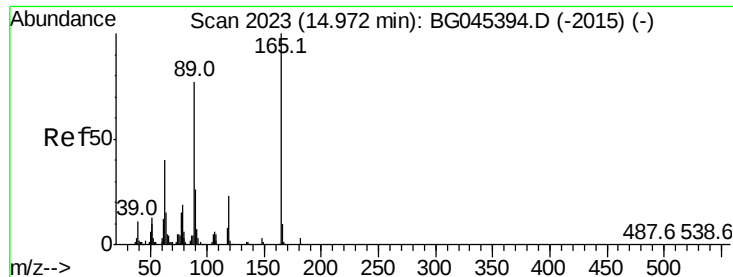
100

50

0

Time--> 14.96 14.98 15.00

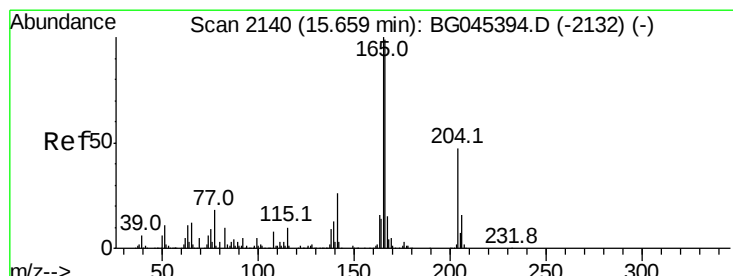
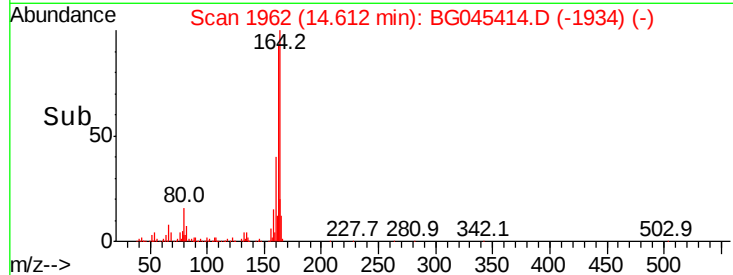
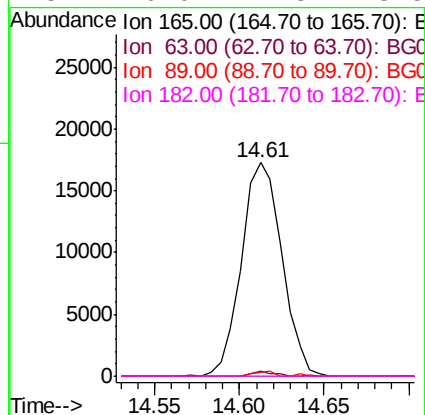
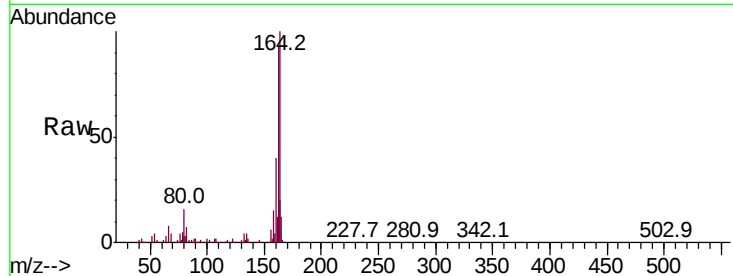




#57
 2,4-Dinitrotoluene
 Concen: 5.687 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.37 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

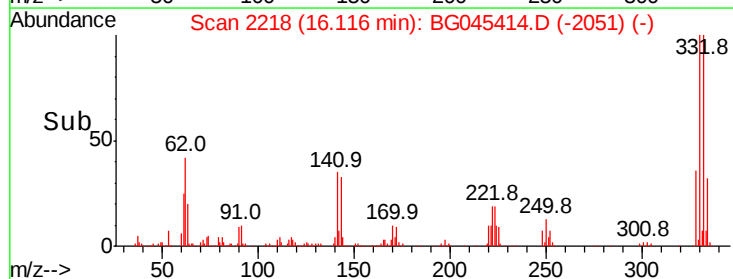
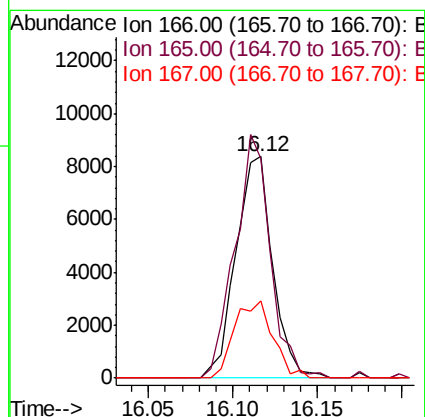
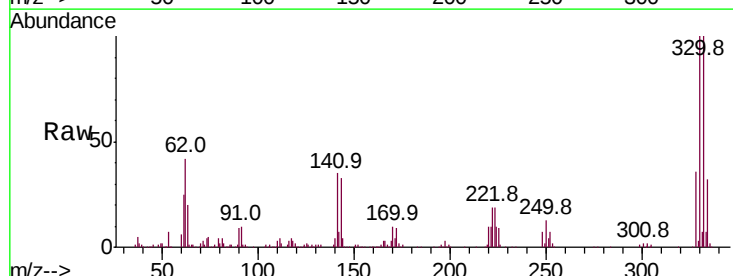
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

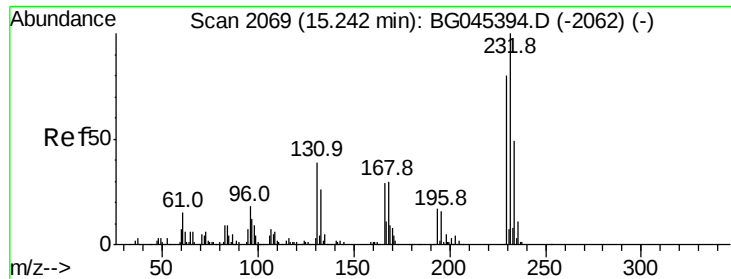
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	32.5	48.7#
89	2.0	61.8	92.6#
182	0.0	2.3	3.5#



#58
 Fluorene
 Concen: 0.859 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.45 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	34.9	12.0	18.0#

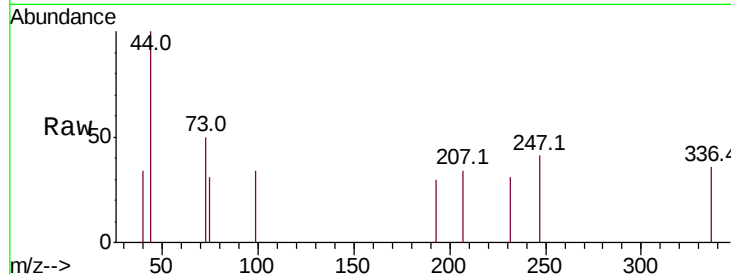




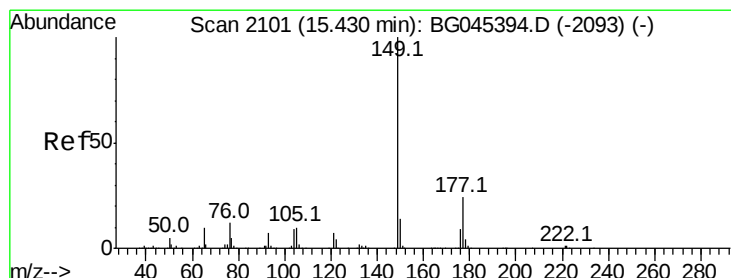
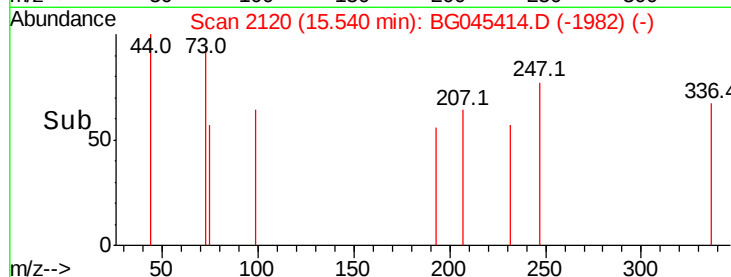
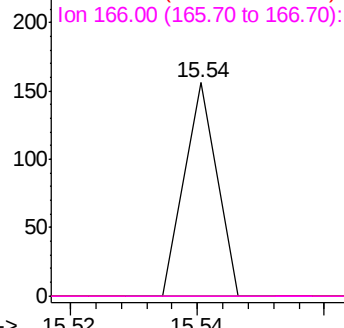
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.012 ng
RT: 15.54 min Scan# 2120
Delta R.T. 0.28 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:232 Resp: 55
Ion Ratio Lower Upper
232 100
131 0.0 33.7 50.5#
130 0.0 2.1 3.1#
166 0.0 23.2 34.8#

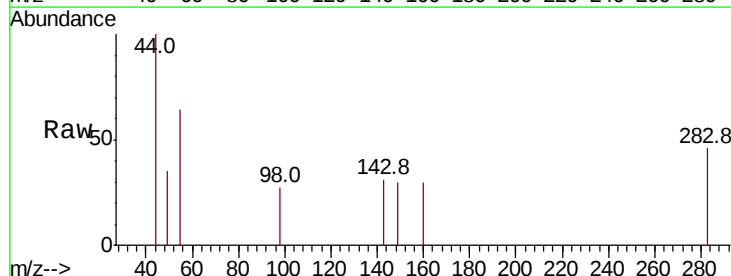


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

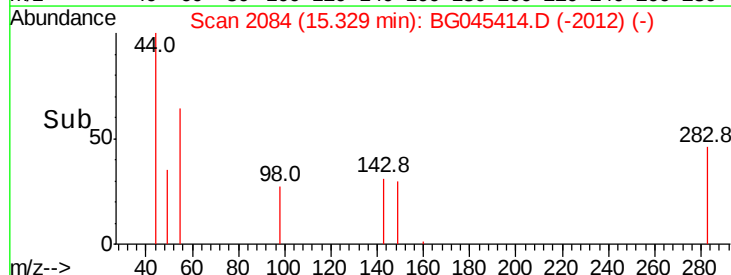
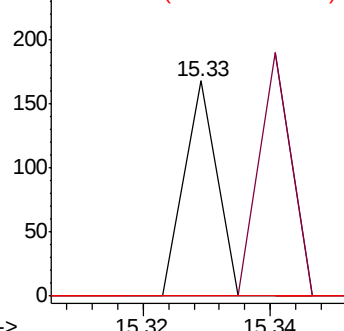


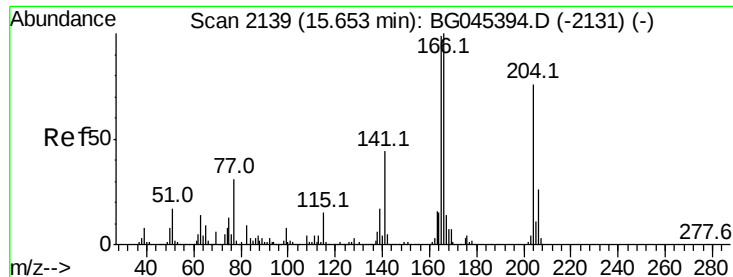
#60
Diethylphthalate
Concen: 0.004 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.11 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:149 Resp: 59
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

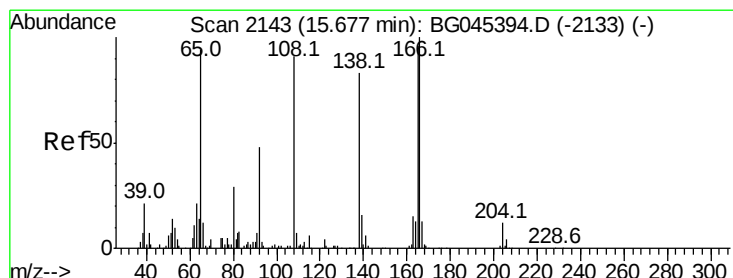
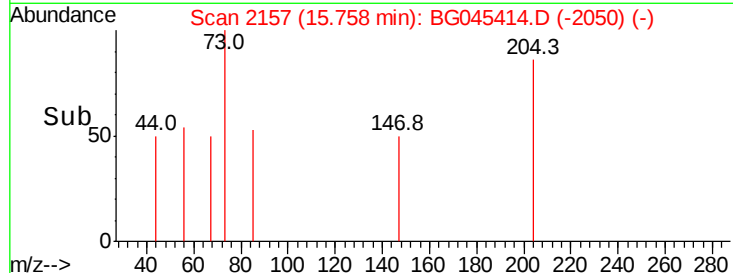
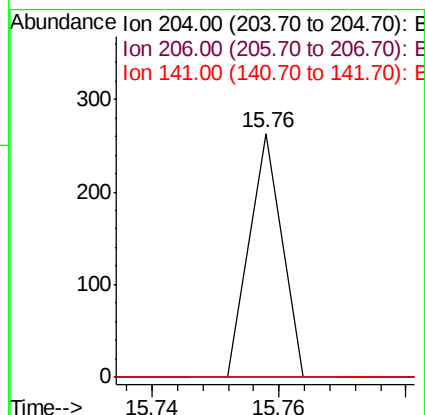
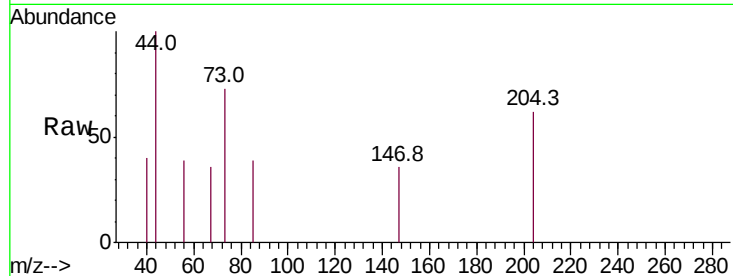




#61
4-Chlorophenyl-phenylether
Concen: 0.011 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.10 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

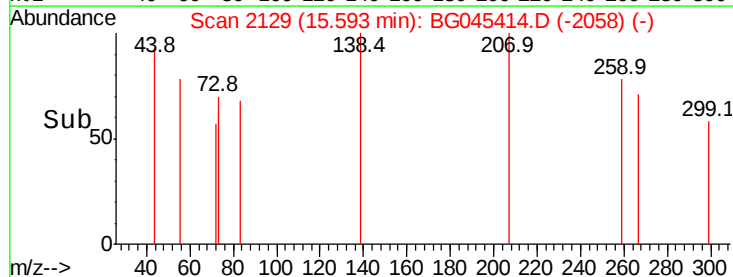
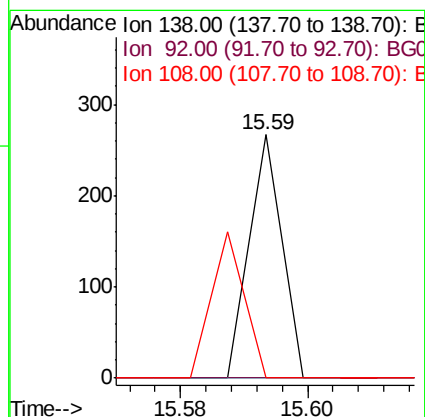
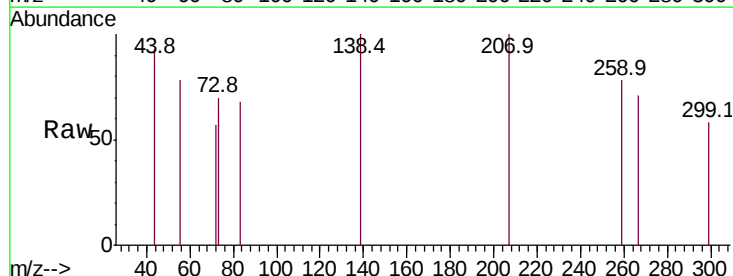
Instrument :
BNA_G
ClientSampleId :
PB128957BL

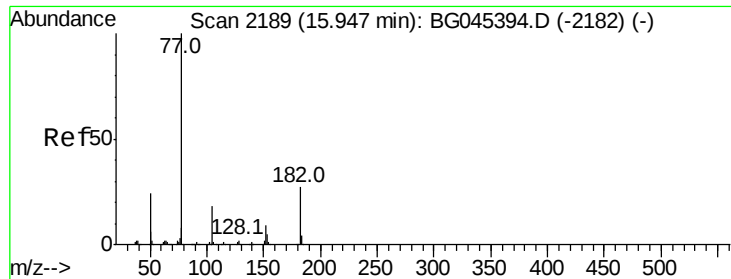
Tot Ion:204 Resp: 93
Ion Ratio Lower Upper
204 100
206 0.0 27.3 40.9#
141 0.0 45.9 68.9#



#62
4-Nitroaniline
Concen: 0.025 ng
RT: 15.59 min Scan# 2129
Delta R.T. -0.11 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:138 Resp: 94
Ion Ratio Lower Upper
138 100
92 0.0 38.0 78.0#
108 0.0 89.3 129.3#





#63

Azobenzene

Concen: 0.005 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.06 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

Tot Ion: 77 Resp: 81

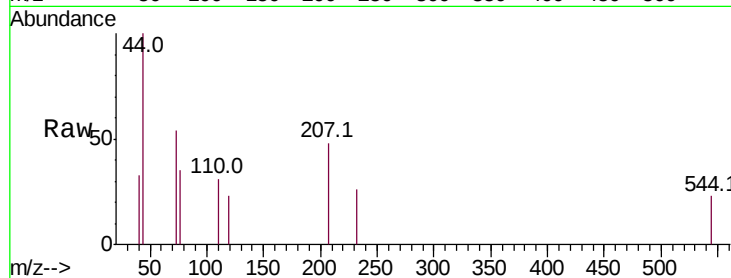
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 0.0 37.9

51 0.0 4.1 44.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

300

200

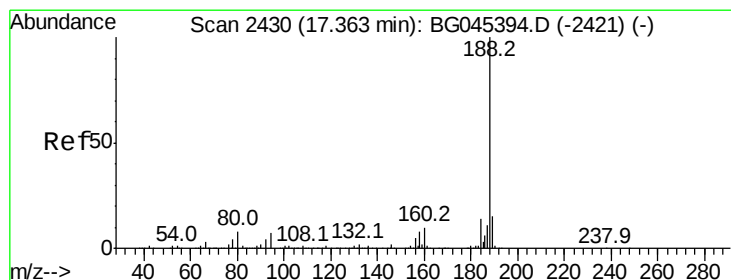
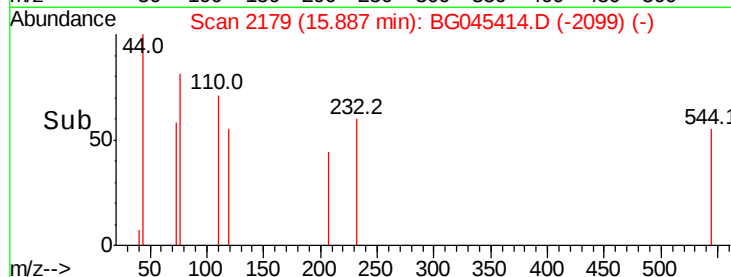
100

0

15.88

15.90

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

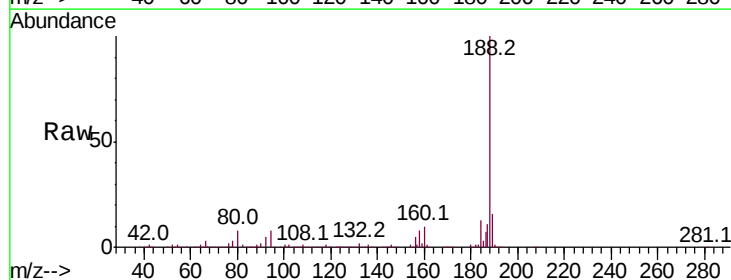
Tgt Ion: 188 Resp: 530555

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 7.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

400000

300000

200000

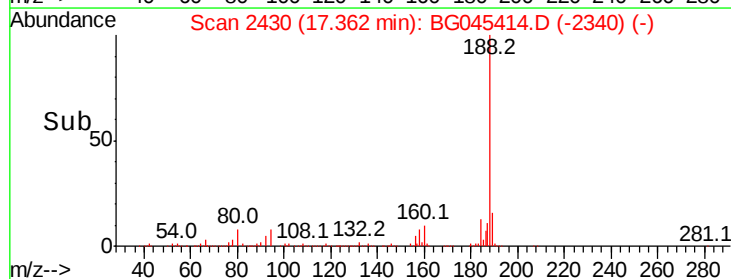
100000

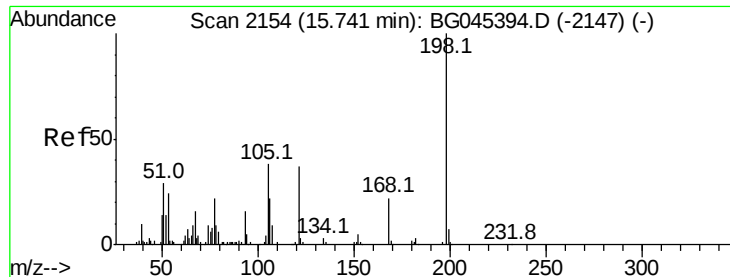
0

17.30

17.40

Time-->

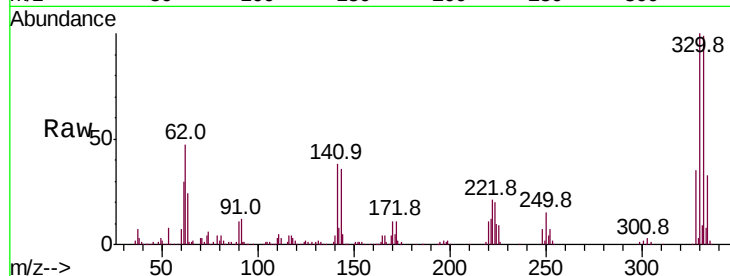




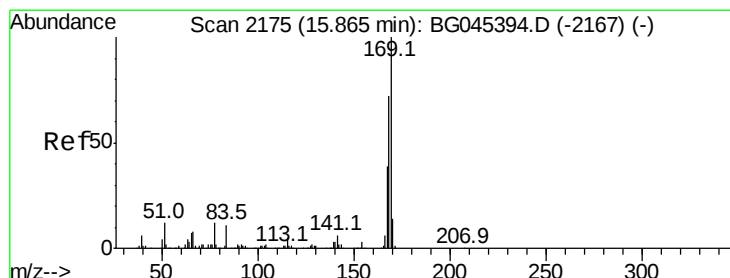
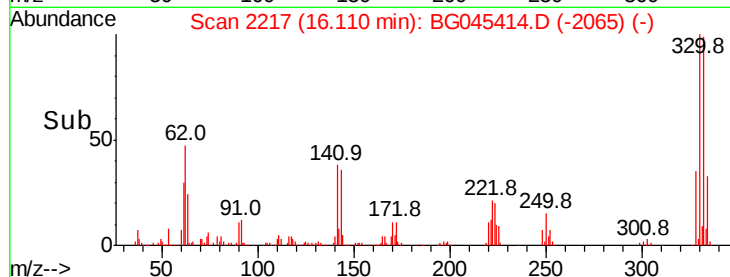
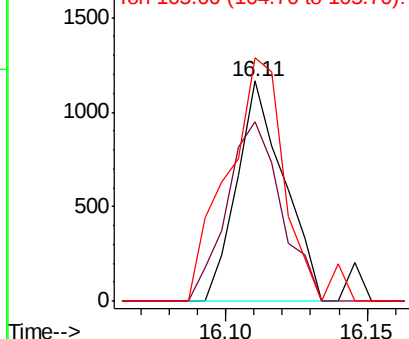
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.436 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.36 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BL

Tot Ion:198 Resp: 1347
 Ion Ratio Lower Upper
 198 100
 51 81.5 10.0 50.0#
 105 110.6 18.9 58.9#

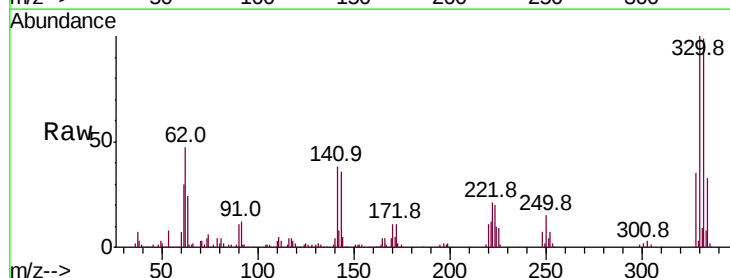


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

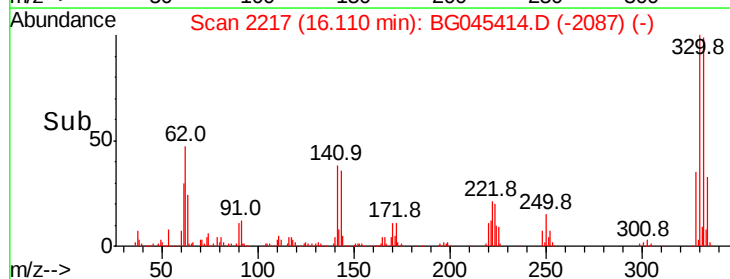
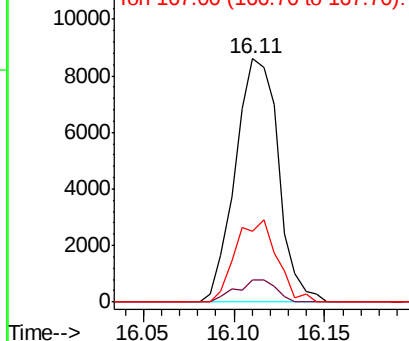


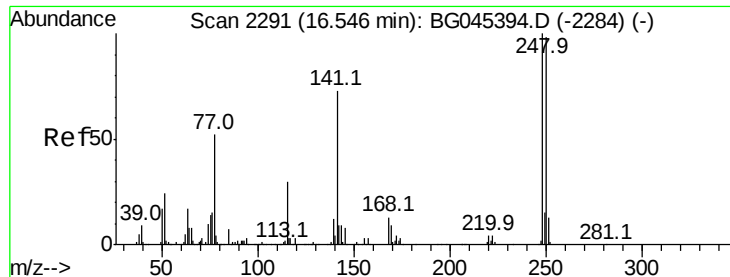
#66
 n-Nitrosodiphenylamine
 Concen: 1.120 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.23 min
 Lab File: BG045414.D
 Acq: 18 May 2020 15:48

Tgt Ion:169 Resp: 14271
 Ion Ratio Lower Upper
 169 100
 168 9.1 57.8 86.6#
 167 29.2 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: 4.673 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.44 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

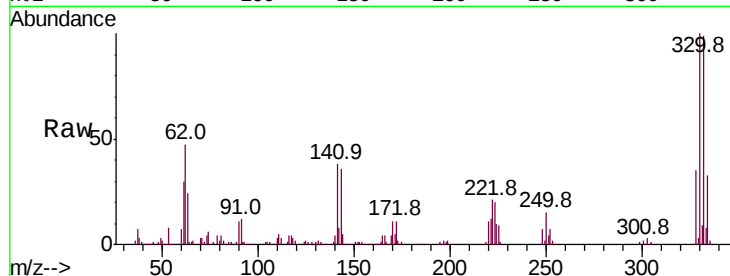
Tot Ion:248 Resp: 26846

Ion Ratio Lower Upper

248 100

250 201.2 78.6 117.8#

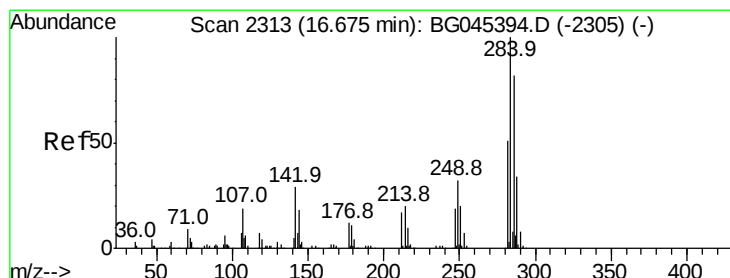
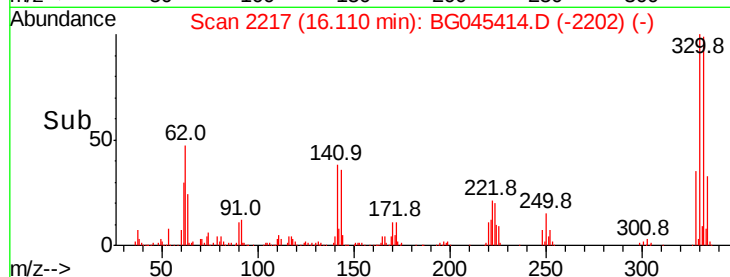
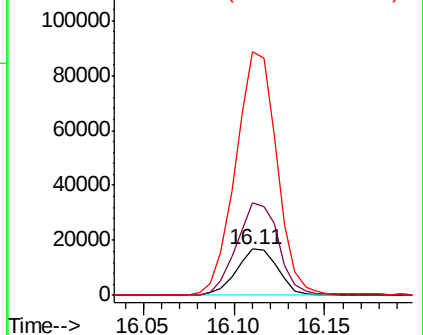
141 525.6 58.2 87.2#



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: 0.013 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.19 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

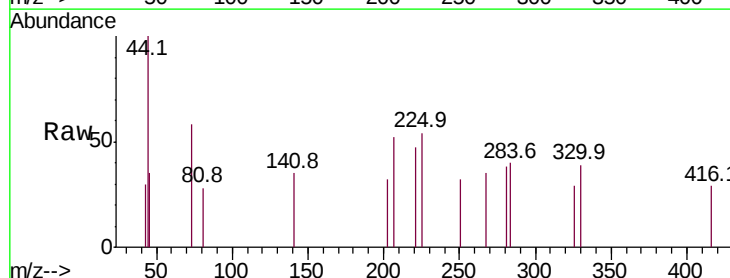
Tgt Ion:284 Resp: 76

Ion Ratio Lower Upper

284 100

142 0.0 23.0 34.6#

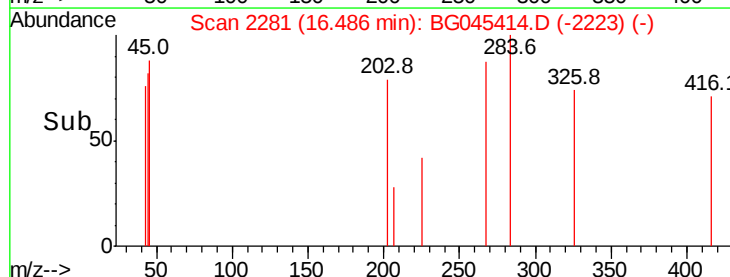
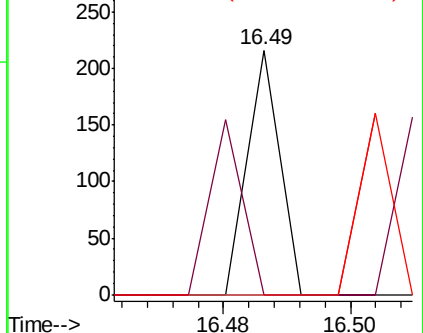
249 0.0 25.8 38.6#

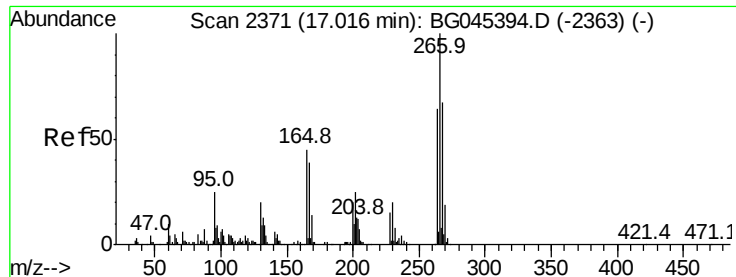


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#70

Pentachlorophenol

Concen: 0.019 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.49 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

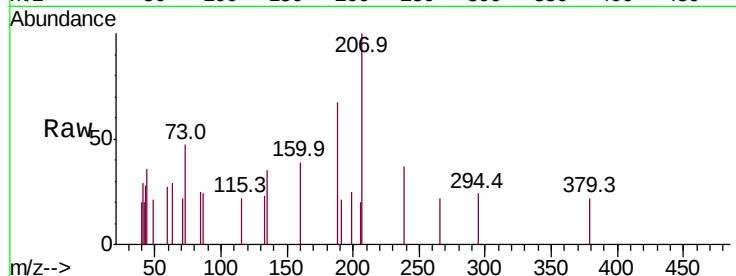
Tot Ion:266 Resp: 60

Ion Ratio Lower Upper

266 100

268 0.0 53.2 79.8#

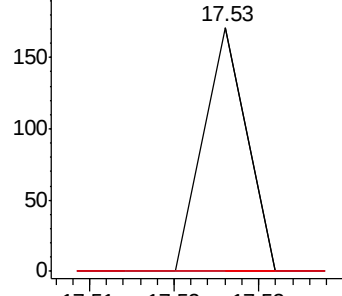
264 0.0 51.0 76.4#



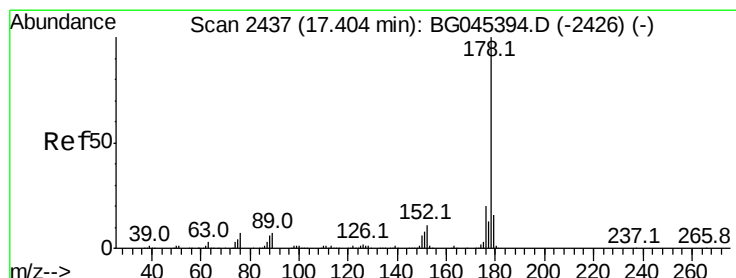
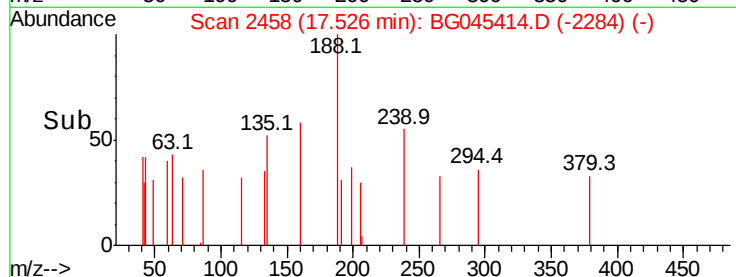
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.51 17.52 17.53



#71

Phenanthrene

Concen: 0.003 ng

RT: 17.43 min Scan# 2442

Delta R.T. 0.03 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

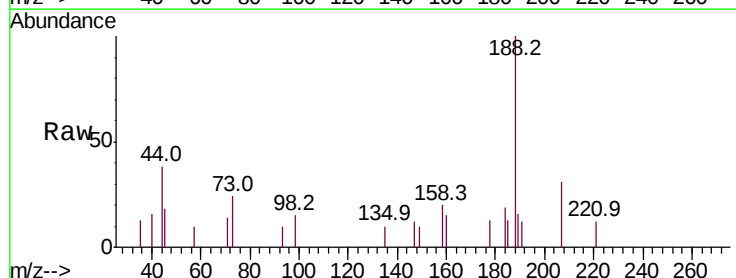
Tgt Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

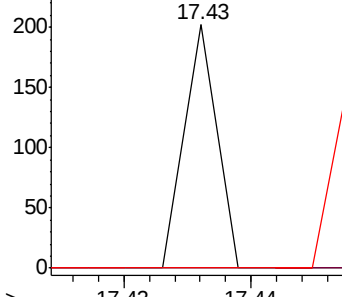
179 0.0 13.1 19.7#



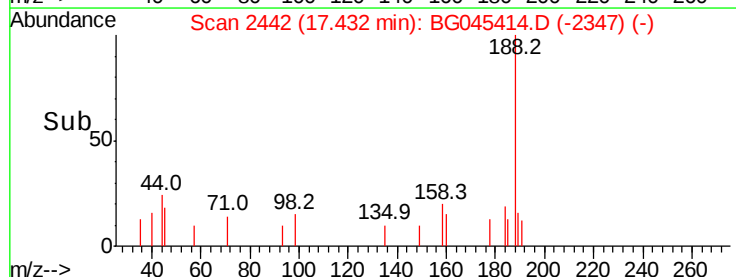
Abundance Ion 178.00 (177.70 to 178.70): E

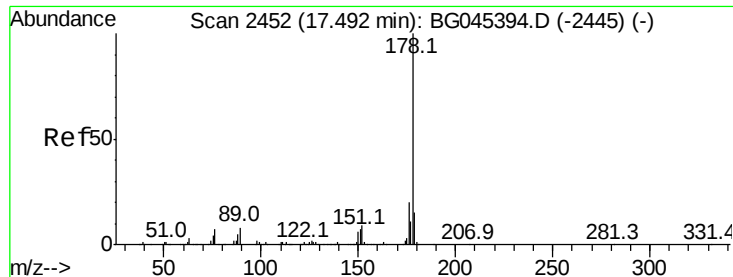
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.42 17.44





#72

Anthracene

Concen: 0.003 ng

RT: 17.43 min Scan# 2442

Delta R.T. -0.07 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

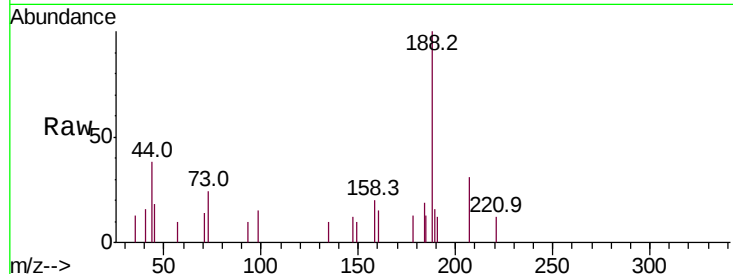
Tot Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

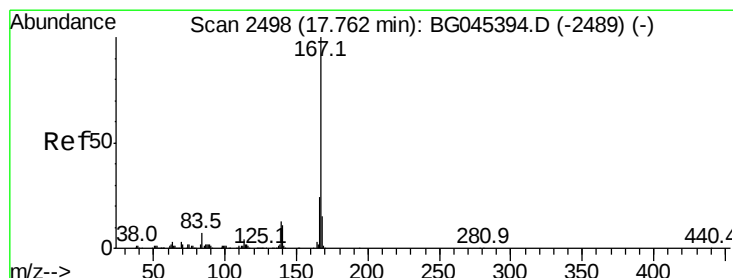
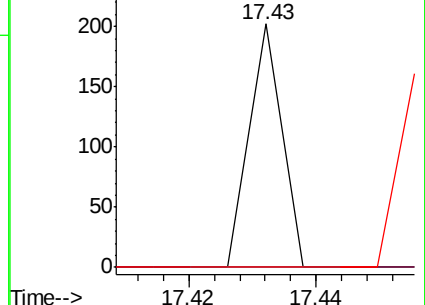
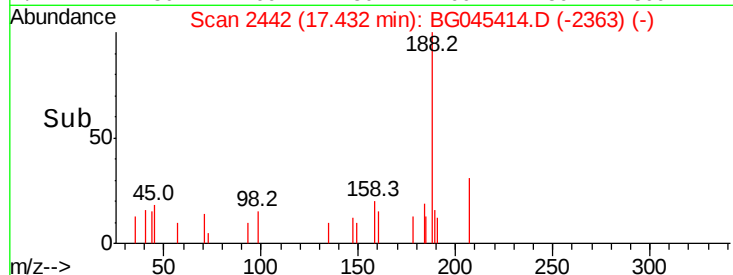
179 0.0 12.2 18.4#



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



#73

Carbazole

Concen: 0.003 ng

RT: 17.83 min Scan# 2510

Delta R.T. 0.06 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

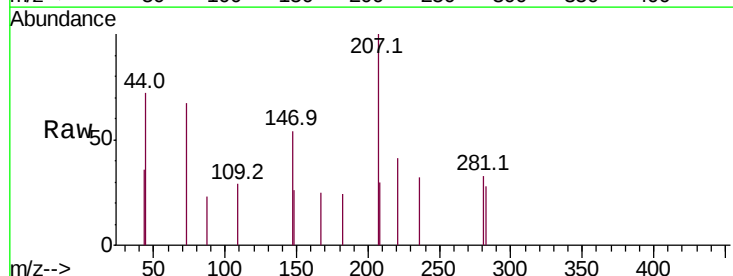
Tgt Ion:167 Resp: 58

Ion Ratio Lower Upper

167 100

166 0.0 19.2 28.8#

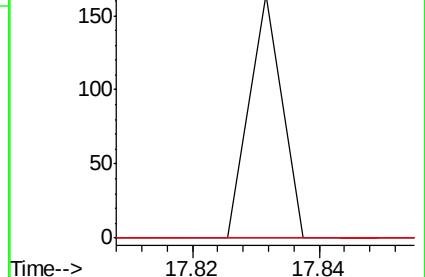
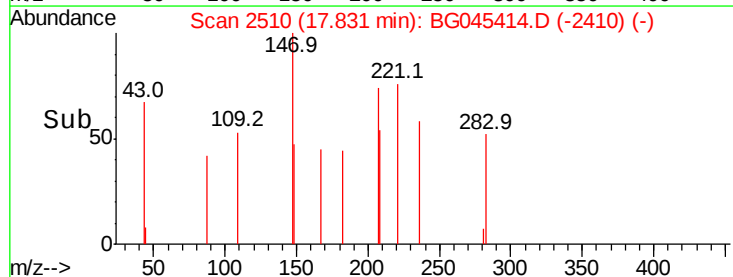
139 0.0 10.6 16.0#

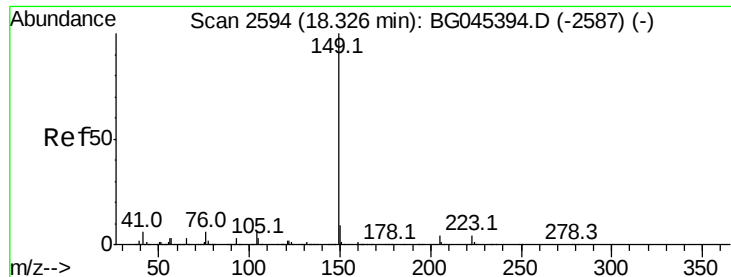


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

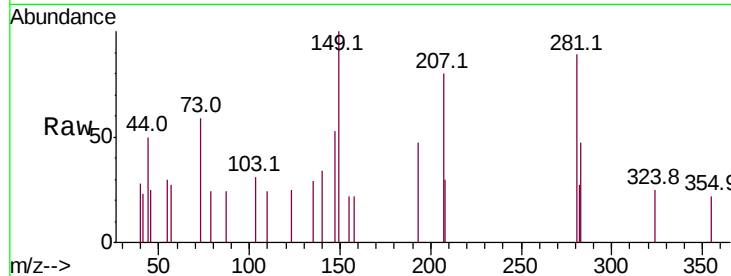




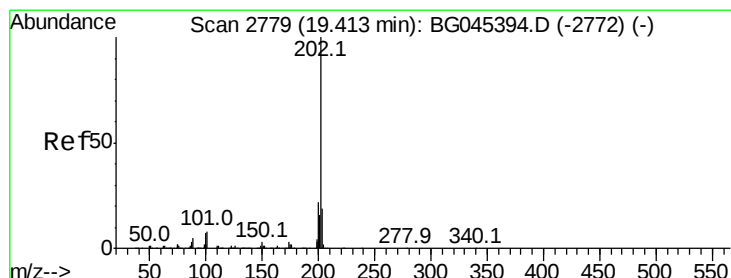
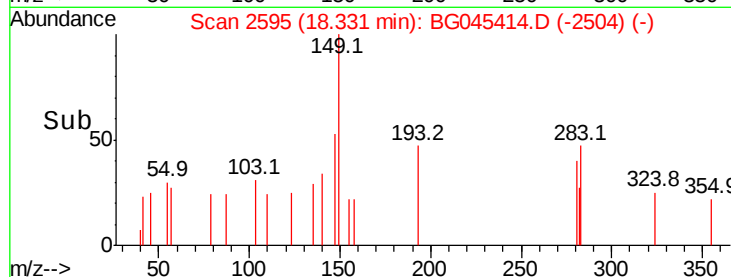
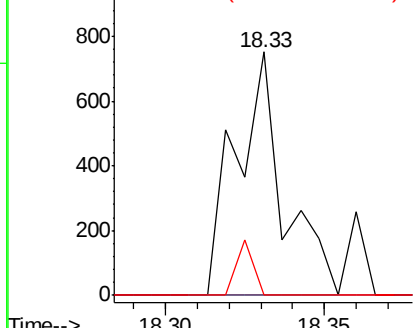
#74
Di-n-butylphthalate
Concen: 0.029 ng
RT: 18.33 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB128957BL

Tot Ion:149 Resp: 787
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 5.0 7.4#

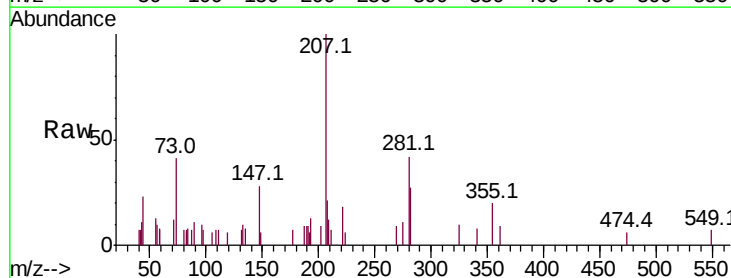


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

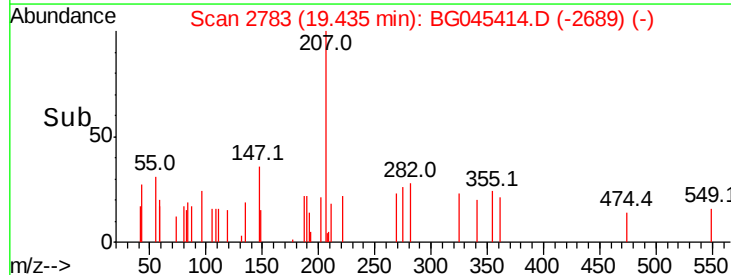
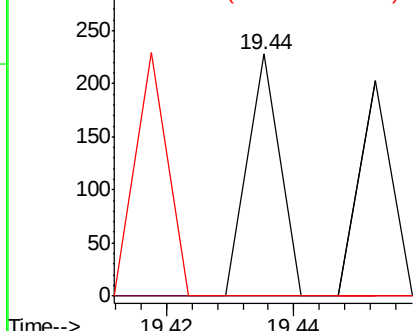


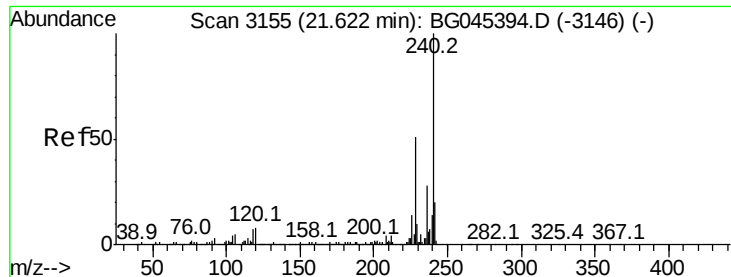
#75
Fluoranthene
Concen: 0.003 ng
RT: 19.44 min Scan# 2783
Delta R.T. 0.02 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:202 Resp: 80
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# 3155

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

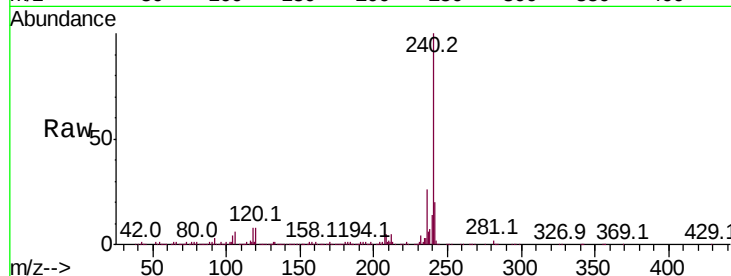
Tot Ion:240 Resp: 516117

Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

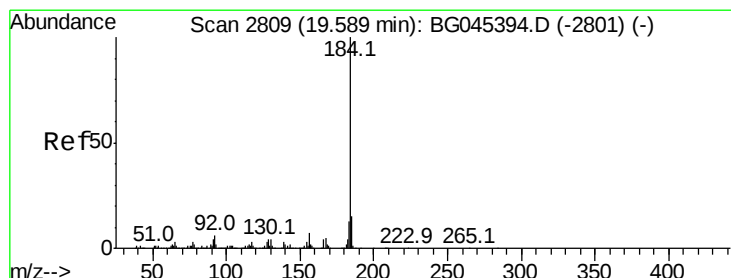
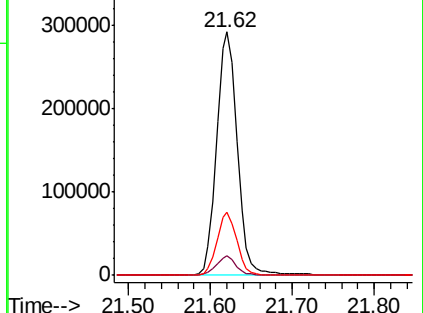
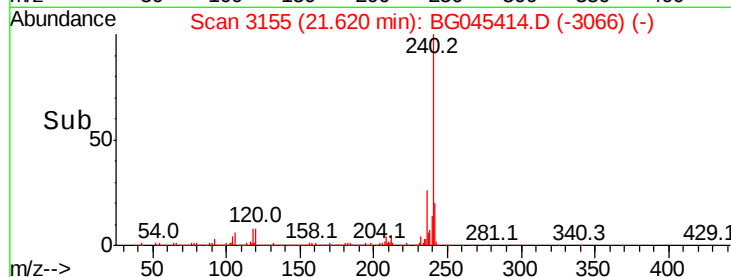
236 26.1 22.3 33.5



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: 2.969 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.38 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

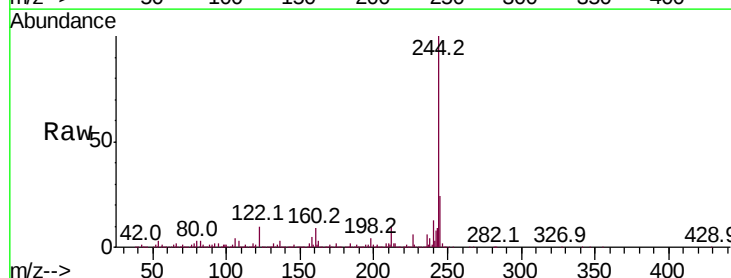
Tgt Ion:184 Resp: 43043

Ion Ratio Lower Upper

184 100

185 16.6 11.7 17.5

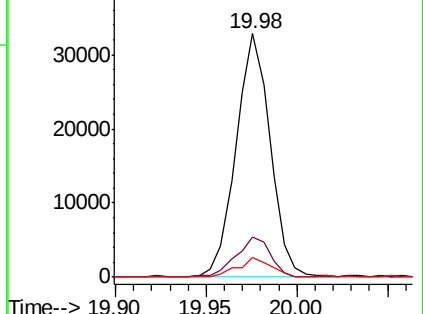
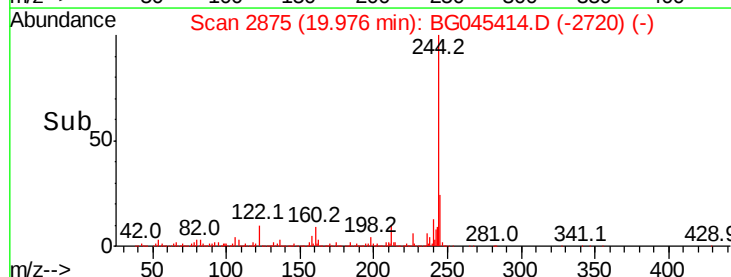
183 8.2 10.2 15.4#

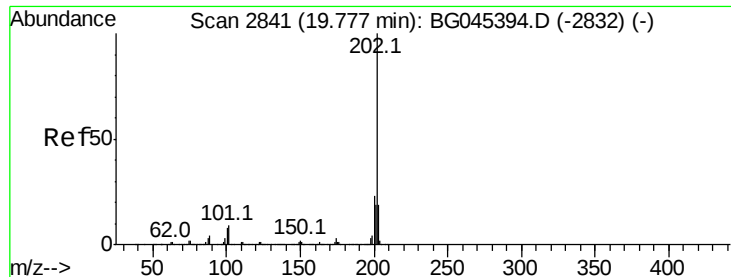


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

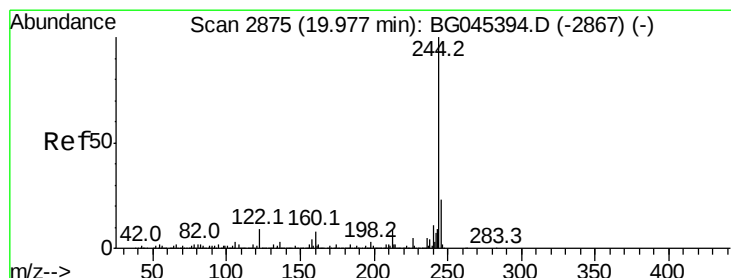
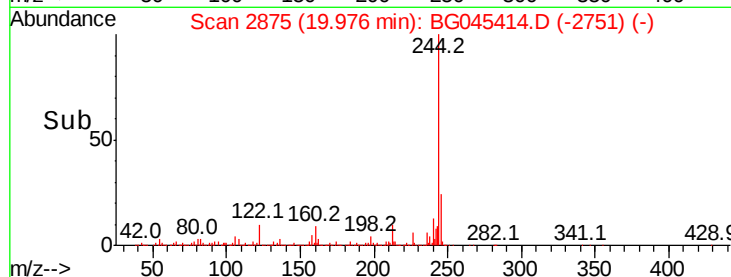
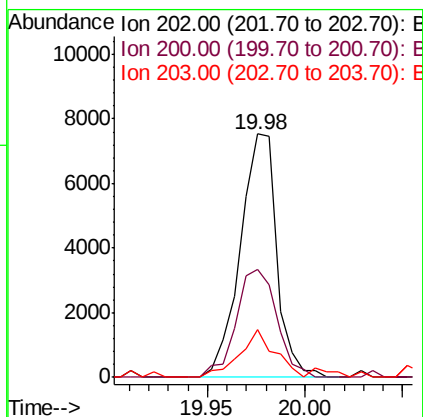
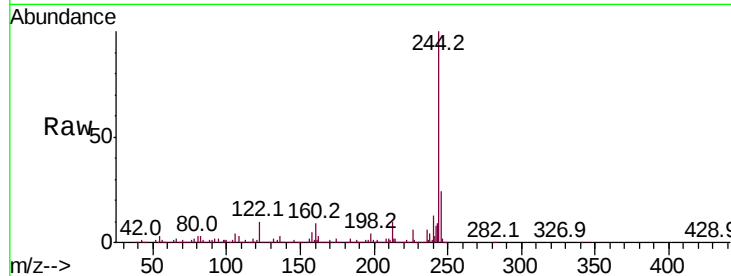




#78
Pvrene
Concen: 0.333 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.20 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

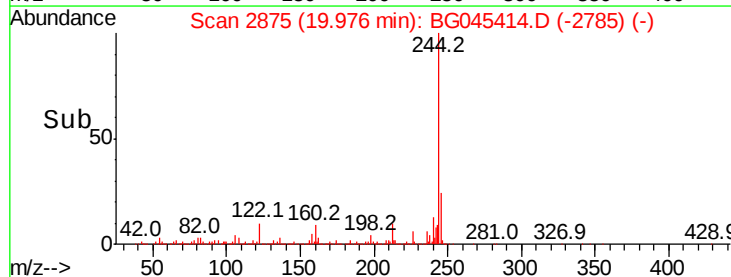
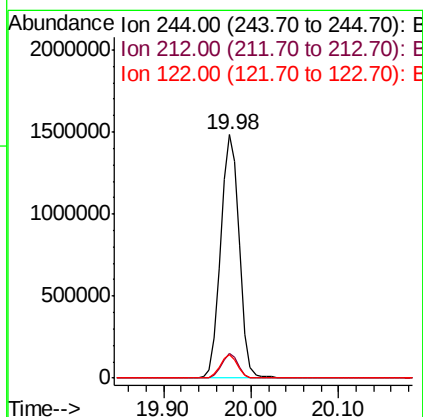
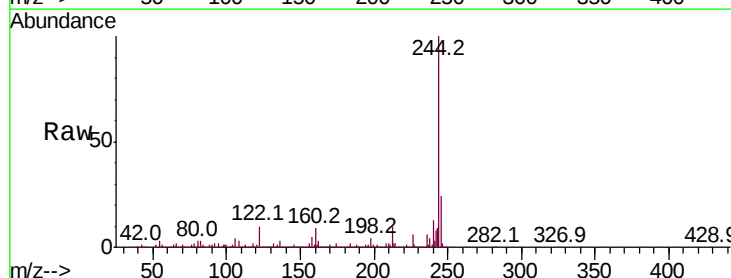
Instrument :
BNA_G
ClientSampleId :
PB128957BL

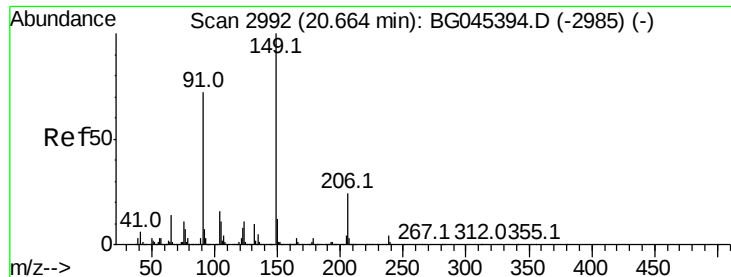
Tot Ion:202 Resp: 9799
Ion Ratio Lower Upper
202 100
200 44.3 18.2 27.2#
203 19.6 15.1 22.7



#79
Terphenyl-d14
Concen: 99.022 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:244 Resp: 2191272
Ion Ratio Lower Upper
244 100
212 9.9 7.4 11.0
122 9.8 6.8 10.2

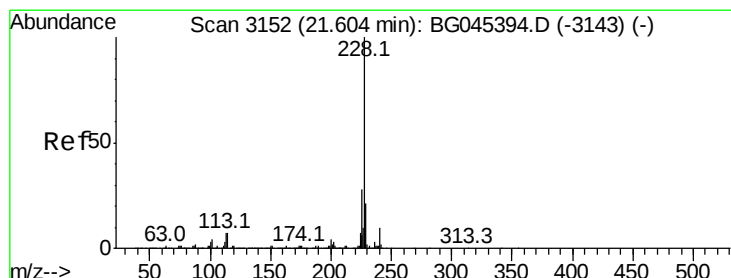
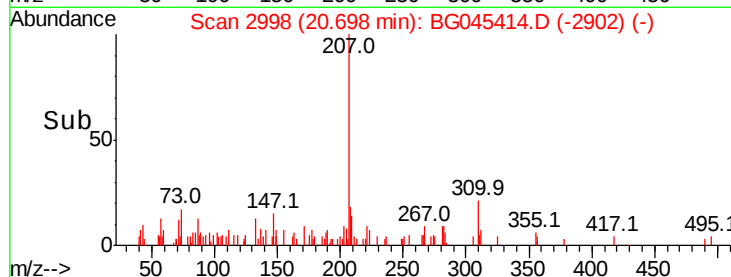
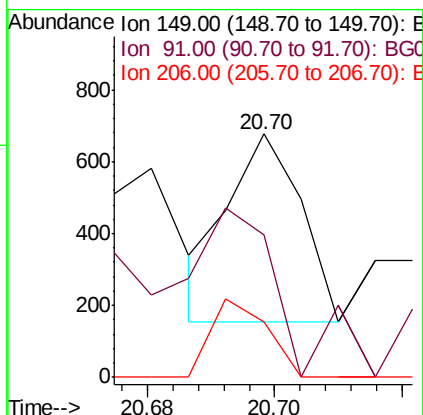
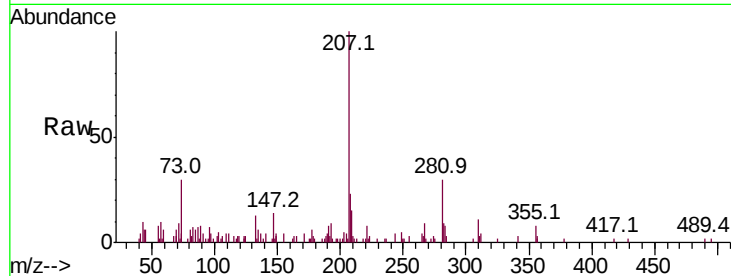




#80
Butylbenzylphthalate
Concen: 0.033 ng
RT: 20.70 min Scan# 2998
Delta R.T. 0.03 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

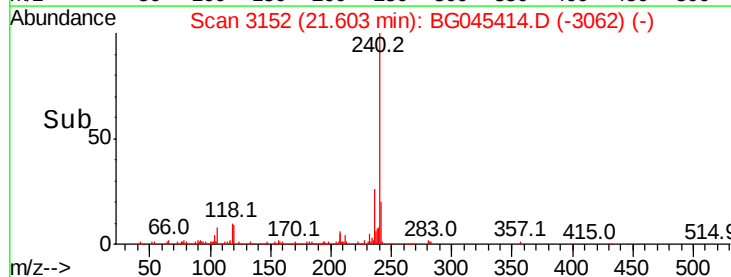
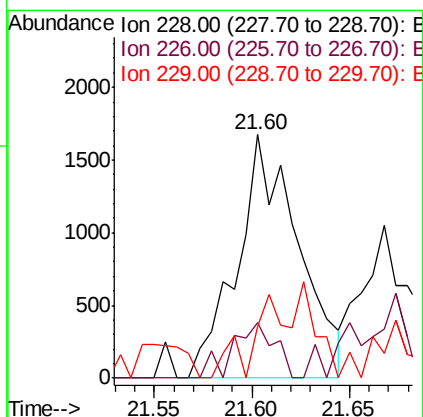
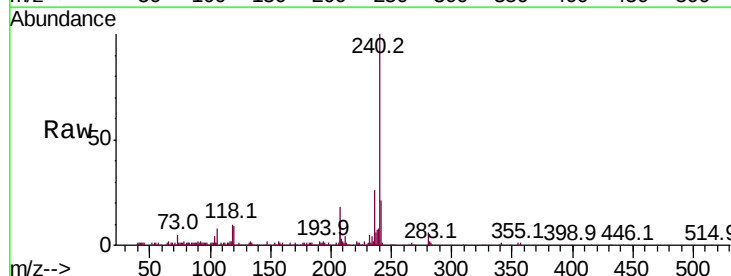
Instrument :
BNA_G
ClientSampleId :
PB128957BL

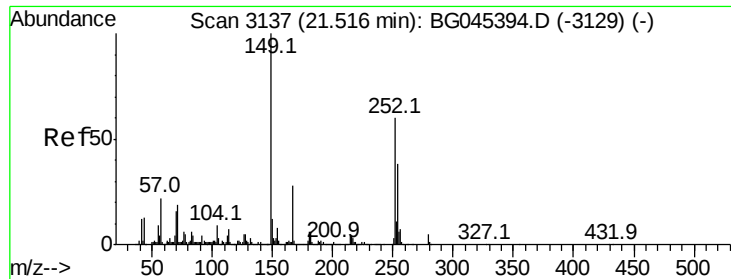
Tot Ion:149 Resp: 414
Ion Ratio Lower Upper
149 100
91 58.5 57.8 86.6
206 23.0 19.1 28.7



#81
Benzo(a)anthracene
Concen: 0.127 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:228 Resp: 3639
Ion Ratio Lower Upper
228 100
226 22.9 22.7 34.1
229 21.4 16.7 25.1





#82

3,3'-Dichlorobenzidine

Concen: 0.020 ng

RT: 21.51 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

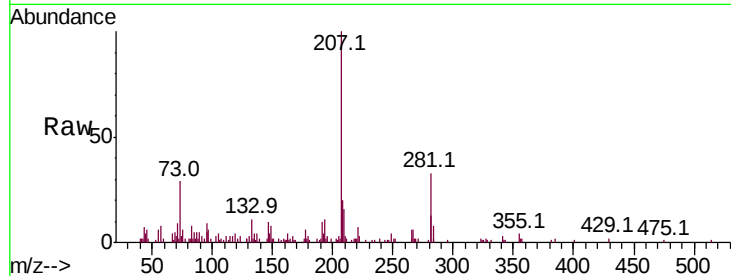
Tot Ion:252 Resp: 226

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

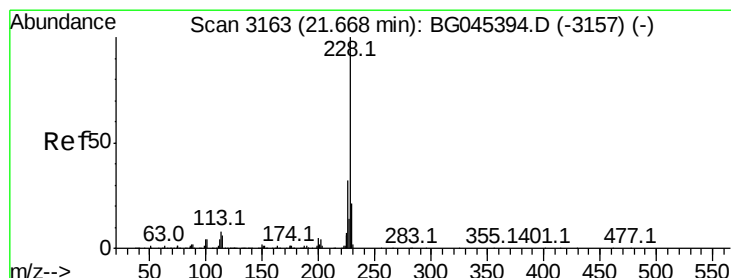
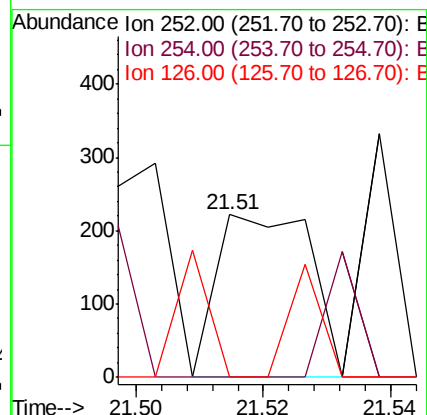
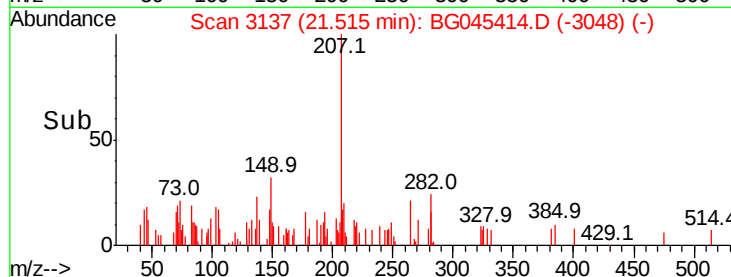
126 0.0 6.6 10.0#



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: 0.059 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

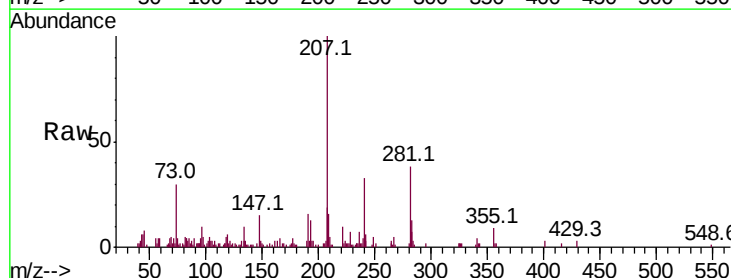
Tgt Ion:228 Resp: 1639

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

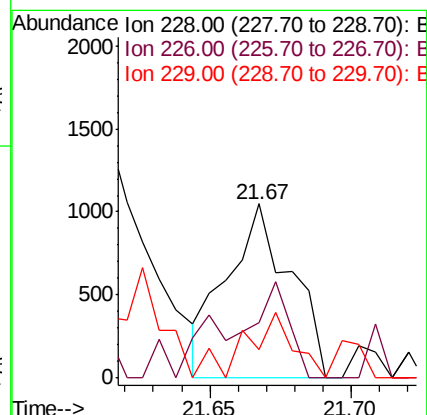
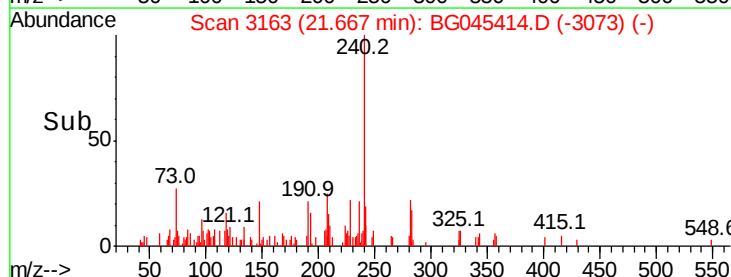
229 16.4 16.7 25.1#

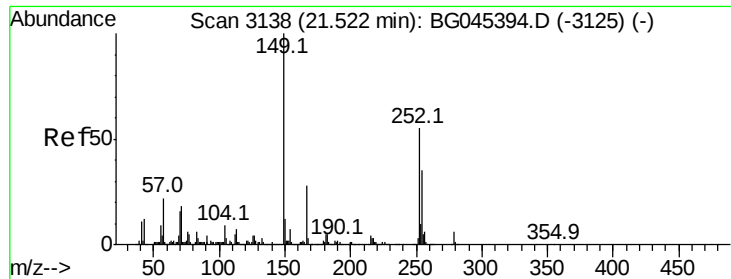


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

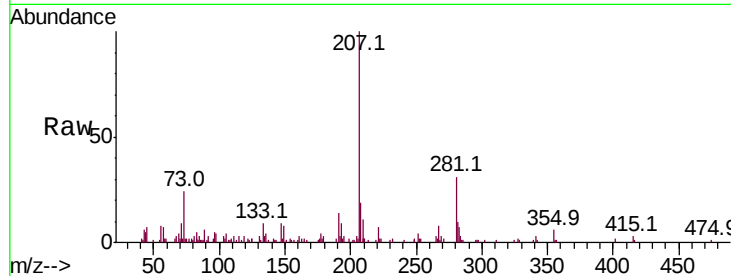
Tot Ion:149 Resp: 1814

Ion Ratio Lower Upper

149 100

167 18.3 22.2 33.2#

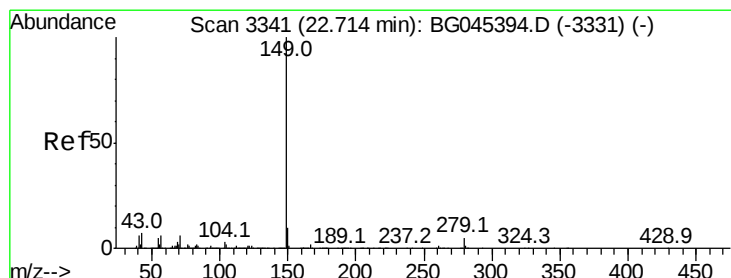
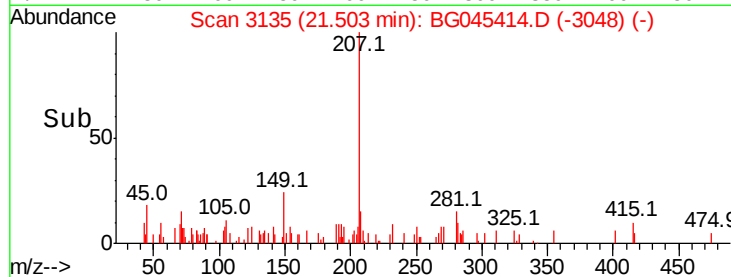
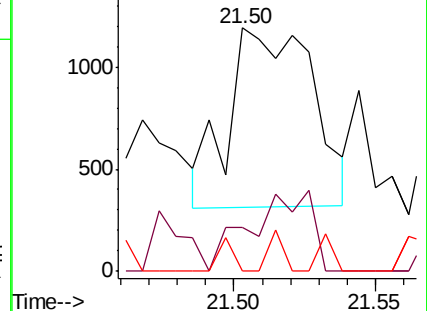
279 0.0 4.7 7.1#



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



#85

Di-n-octyl phthalate

Concen: 0.059 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

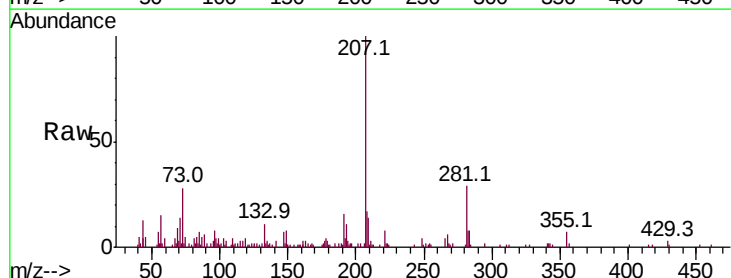
Tgt Ion:149 Resp: 1756

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

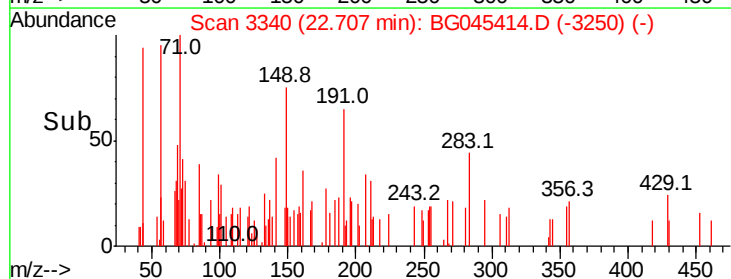
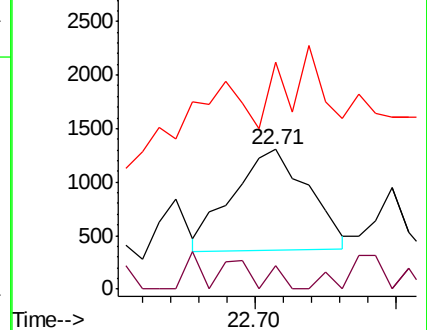
43 37.8 5.8 8.8#

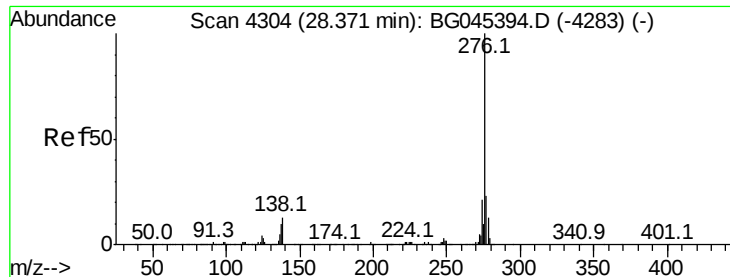


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

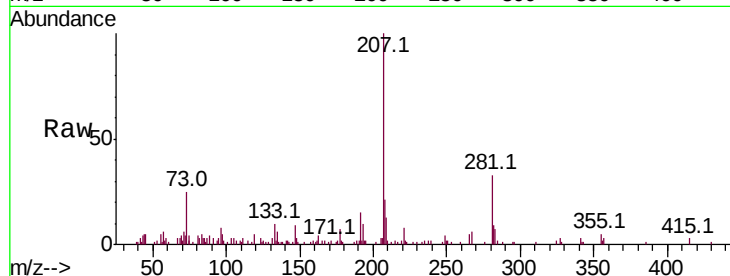
Tot Ion:276 Resp: 57

Ion Ratio Lower Upper

276 100

138 500.0 8.6 12.8#

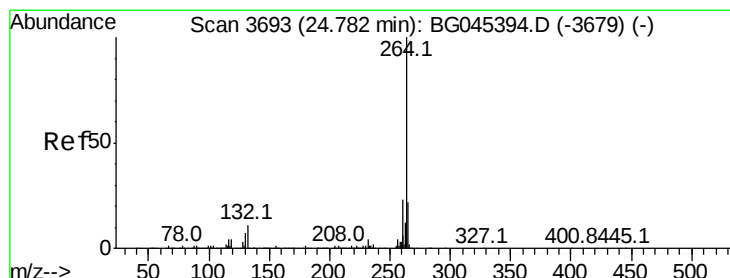
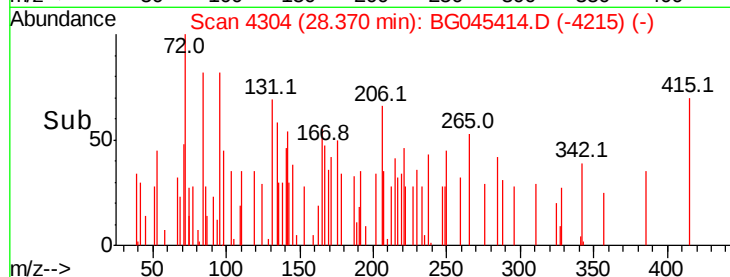
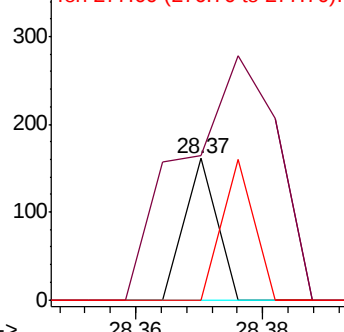
277 98.2 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

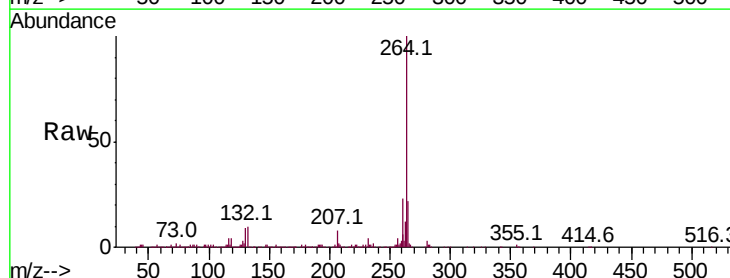
Tgt Ion:264 Resp: 515048

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

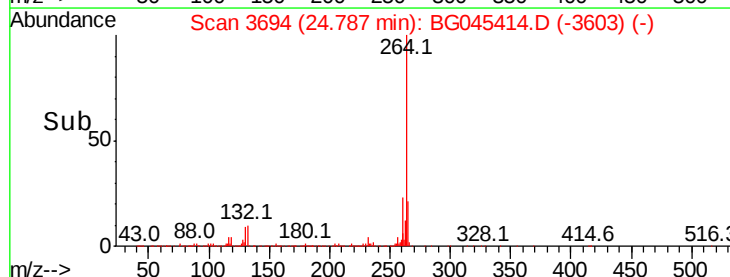
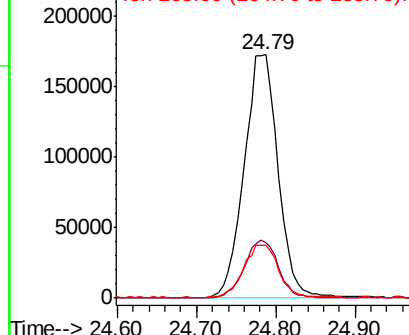
265 21.6 17.6 26.4

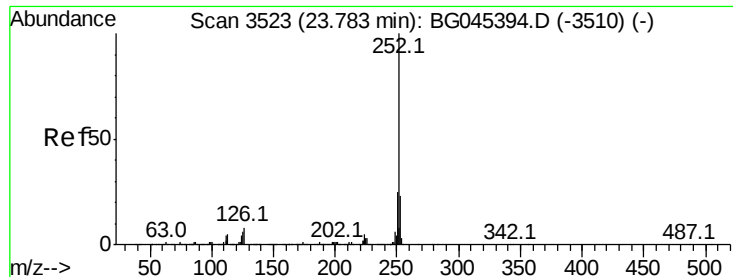


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

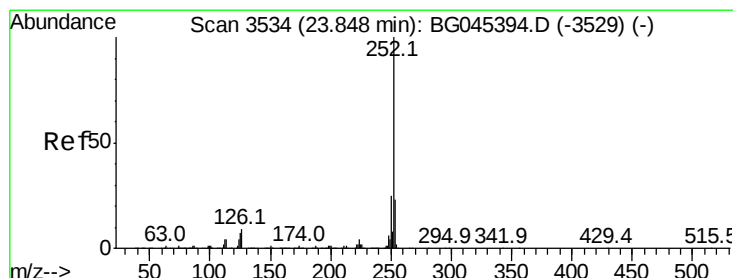
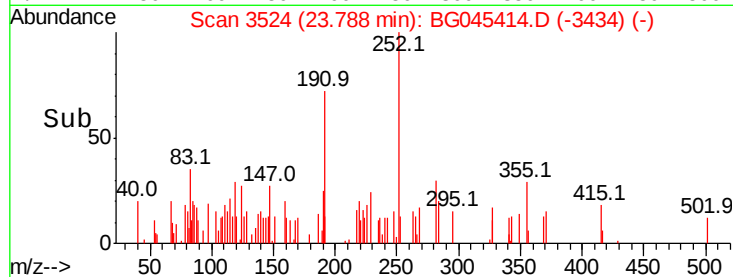
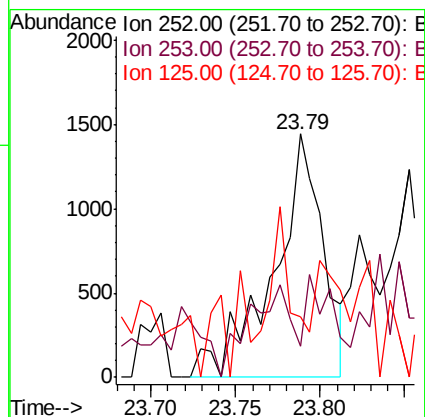
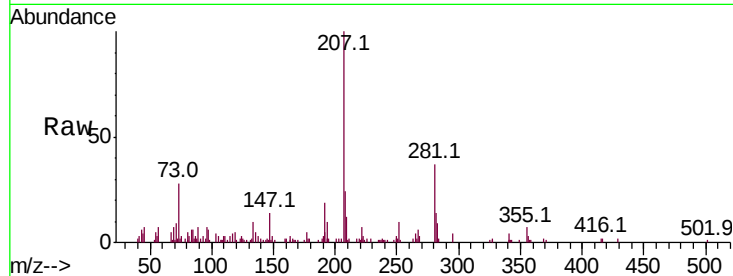




#88
Benzo(b)fluoranthene
Concen: 0.106 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

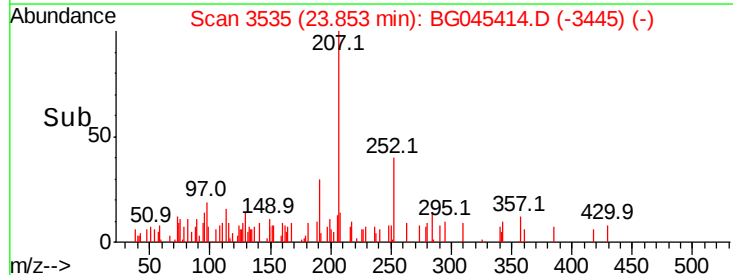
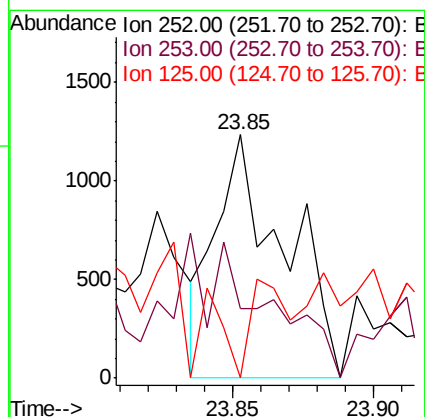
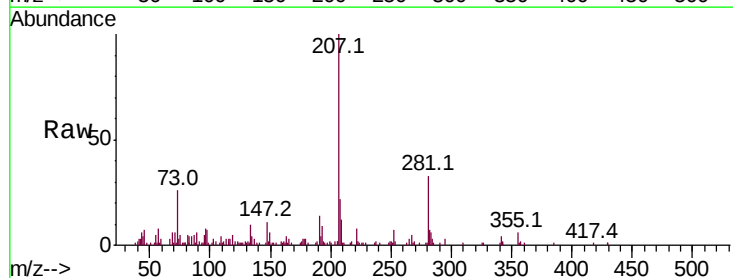
Instrument :
BNA_G
ClientSampleId :
PB128957BL

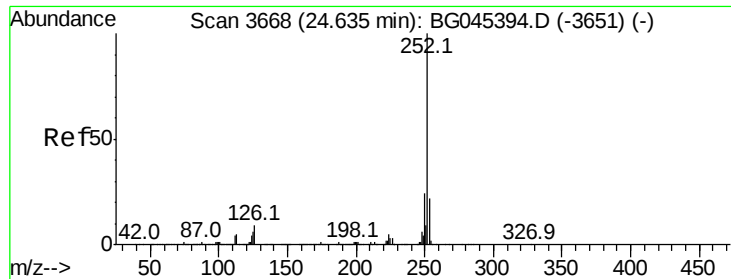
Tot Ion:252 Resp: 2940
Ion Ratio Lower Upper
252 100
253 12.6 18.1 27.1#
125 24.7 5.0 7.6#



#89
Benzo(k)fluoranthene
Concen: 0.081 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG045414.D
Acq: 18 May 2020 15:48

Tgt Ion:252 Resp: 2090
Ion Ratio Lower Upper
252 100
253 28.4 18.4 27.6#
125 0.0 5.7 8.5#





#90

Benzo(a)pyrene

Concen: 0.077 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

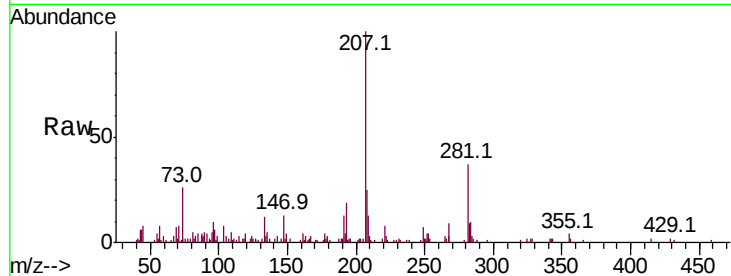
Tot Ion:252 Resp: 1979

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

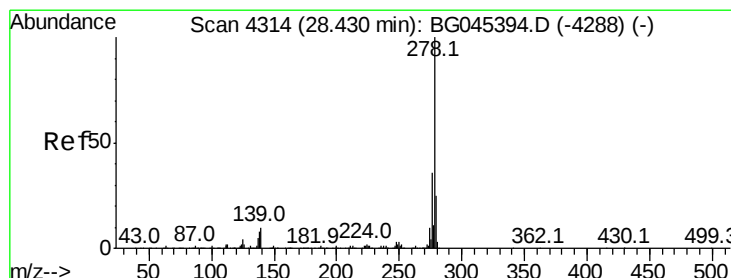
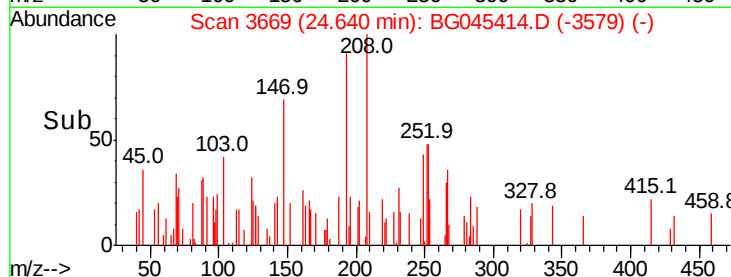
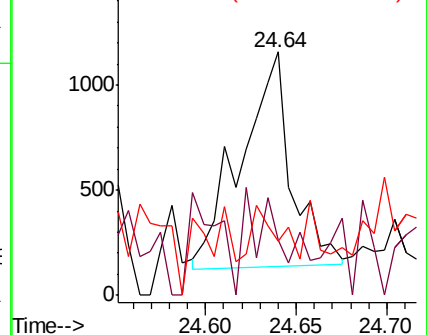
125 22.1 5.0 7.6#



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: 0.003 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

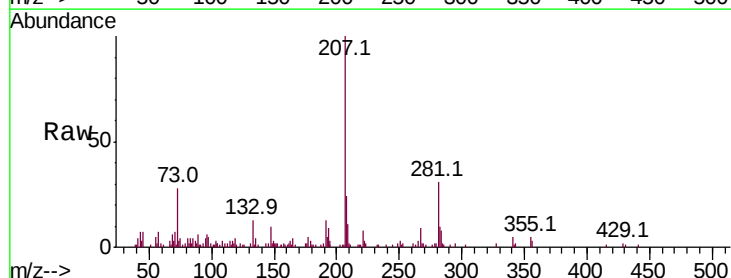
Tgt Ion:278 Resp: 81

Ion Ratio Lower Upper

278 100

139 0.0 7.8 11.8#

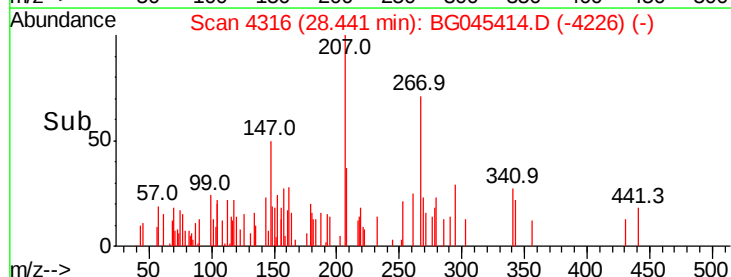
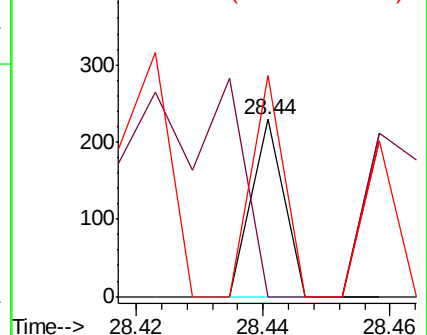
279 124.9 19.8 29.8#

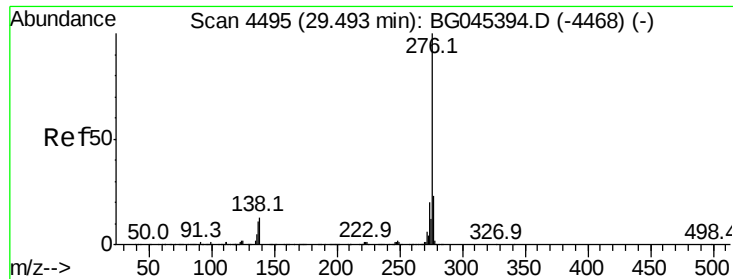


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.002 ng

RT: 29.49 min Scan# 4494

Delta R.T. -0.01 min

Lab File: BG045414.D

Acq: 18 May 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB128957BL

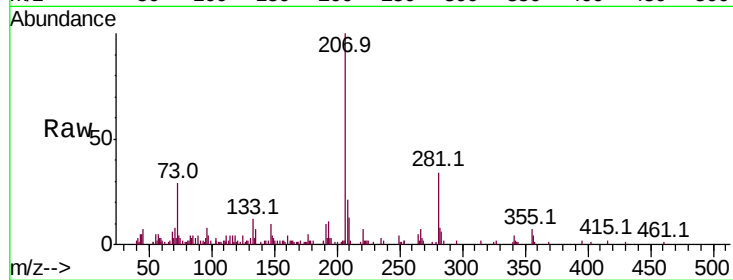
Tot Ion: 276 Resp: 59

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

