

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045689.D
 Acq On : 10 Jun 2020 13:13
 Operator : CG/JU
 Sample : PB129414BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

Quant Time: Jun 10 18:32:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50092	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	212965	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	166108	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	404094	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376578	20.00	ng	0.00
87) Perylene-d12	24.74	264	414285	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	367148	143.24	ng	0.00
7) Phenol-d6	7.13	99	530043	145.29	ng	-0.01
23) Nitrobenzene-d5	9.11	82	342289	87.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	280017	131.81	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	815805	83.31	ng	0.00
79) Terphenyl-d14	19.95	244	1483933	91.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	45107	35.488	ng	96
3) Pyridine	3.79	79	131346	37.104	ng	96
4) n-Nitrosodimethylamine	3.71	42	55170	47.627	ng	81
6) Aniline	7.27	93	146226	30.705	ng	99
8) 2-Chlorophenol	7.52	128	140117	49.849	ng	98
9) Benzaldehyde	7.08	77	102446	43.101	ng	96
10) Phenol	7.16	94	190412	50.642	ng	94
11) bis(2-Chloroethyl)ether	7.36	93	130306	44.431	ng	98
12) 1,3-Dichlorobenzene	7.83	146	144374	42.742	ng	98
13) 1,4-Dichlorobenzene	7.98	146	150096	45.027	ng	99
14) 1,2-Dichlorobenzene	8.30	146	140613	43.858	ng	96
15) Benzyl Alcohol	8.19	79	147113	48.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	120959	43.450	ng	99
17) 2-Methylphenol	8.41	107	131015	46.554	ng	96
18) Hexachloroethane	9.03	117	56664	44.383	ng	93
19) n-Nitroso-di-n-propylamine	8.75	70	122446	48.537	ng	97
20) 3+4-Methylphenols	8.74	107	175456	45.783	ng	94
22) Acetophenone	8.77	105	213908	42.379	ng	99
24) Nitrobenzene	9.15	77	182919	43.717	ng	98
25) Isophorone	9.67	82	335704	43.648	ng	99
26) 2-Nitrophenol	9.86	139	82413	46.043	ng	95
27) 2,4-Dimethylphenol	9.94	122	135933	51.204	ng	95
28) bis(2-Chloroethoxy)methane	10.15	93	184202	45.668	ng	99
29) 2,4-Dichlorophenol	10.41	162	152528	48.654	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	160959	43.451	ng	99
31) Naphthalene	10.80	128	438594	44.195	ng	99
32) Benzoic acid	10.11	122	59246	35.984	ng	95
33) 4-Chloroaniline	10.92	127	77171	18.603	ng	98
34) Hexachlorobutadiene	11.09	225	108363	41.384	ng	99
35) Caprolactam	11.69	113	28744	24.980	ng	94
36) 4-Chloro-3-methylphenol	12.06	107	180310	51.042	ng	93
37) 2-Methylnaphthalene	12.41	142	339976	45.963	ng	97
38) 1-Methylnaphthalene	12.41	142	339976	48.657	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	193451	41.695	ng	98

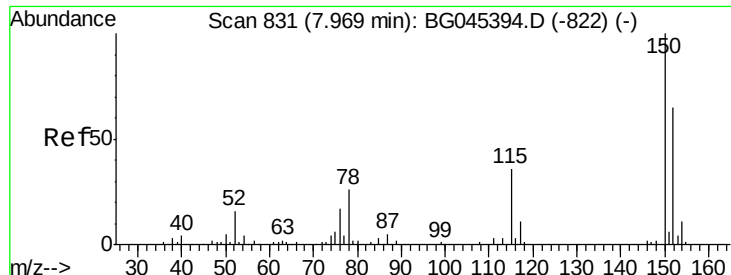
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	239472	89.424	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	139419	43.258	ng	92
44) 2,4,5-Trichlorophenol	13.11	196	144610	39.264	ng	97
46) 1,1'-Biphenyl	13.42	154	450358	44.124	ng	100
47) 2-Chloronaphthalene	13.47	162	344637	41.582	ng	99
48) 2-Nitroaniline	13.67	65	119393	43.793	ng	99
49) Acenaphthylene	14.31	152	579665	43.542	ng	99
50) Dimethylphthalate	14.05	163	493810	43.336	ng	99
51) 2,6-Dinitrotoluene	14.17	165	110943	43.147	ng	97
52) Acenaphthene	14.65	154	348828	39.144	ng	99
53) 3-Nitroaniline	14.50	138	62036	23.734	ng	# 89
54) 2,4-Dinitrophenol	14.71	184	129297	76.985	ng	96
55) Dibenzofuran	14.99	168	575216	43.467	ng	97
56) 4-Nitrophenol	14.84	139	143129	72.328	ng	89
57) 2,4-Dinitrotoluene	14.96	165	163754	43.974	ng	98
58) Fluorene	15.64	166	493181	45.363	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	140978	43.508	ng	97
60) Diethylphthalate	15.41	149	528080	44.525	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	271399	43.624	ng	99
62) 4-Nitroaniline	15.67	138	112032	41.057	ng	97
63) Azobenzene	15.93	77	507794	45.917	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103701	44.064	ng	97
66) n-Nitrosodiphenylamine	15.85	169	438442	45.190	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	191949	43.867	ng	97
68) Hexachlorobenzene	16.65	284	206167	45.048	ng	96
69) Atrazine	16.80	200	170201	42.590	ng	100
70) Pentachlorophenol	17.00	266	185489	78.056	ng	97
71) Phenanthrene	17.38	178	807383	45.768	ng	99
72) Anthracene	17.47	178	822011	46.400	ng	98
73) Carbazole	17.74	167	748045	43.319	ng	100
74) Di-n-butylphthalate	18.30	149	900737	43.458	ng	99
75) Fluoranthene	19.39	202	1001535	44.635	ng	99
77) Benzidine	19.58	184	409501	38.718	ng	99
78) Pyrene	19.75	202	990890	46.160	ng	99
80) Butylbenzylphthalate	20.64	149	389239	42.009	ng	96
81) Benzo(a)anthracene	21.58	228	936969	44.664	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	219418	26.665	ng	99
83) Chrysene	21.64	228	898464	44.542	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	553993	43.495	ng	98
85) Di-n-octyl phthalate	22.68	149	938211	42.888	ng	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1180839	44.767	ng	99
88) Benzo(b)fluoranthene	23.75	252	996843	44.865	ng	100
89) Benzo(k)fluoranthene	23.81	252	969161	46.429	ng	99
90) Benzo(a)pyrene	24.59	252	939890	45.421	ng	98
91) Dibenzo(a,h)anthracene	28.37	278	957290	46.036	ng	98
92) Benzo(g,h,i)perylene	29.43	276	946796	45.526	ng	98

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

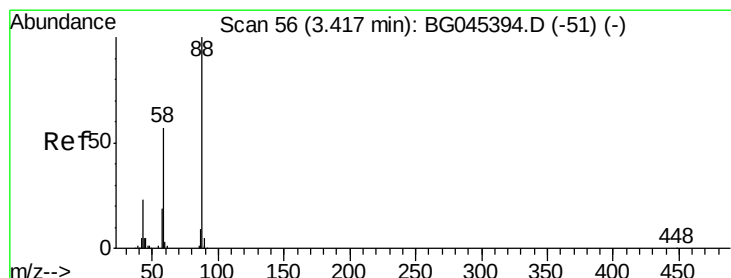
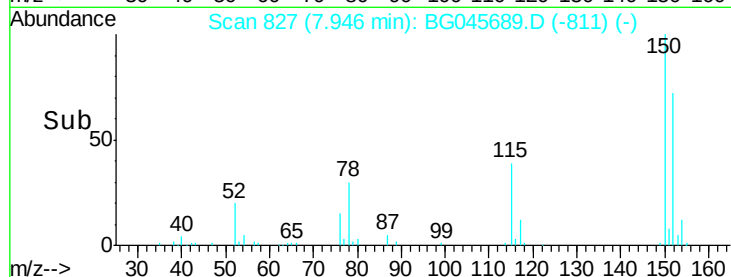
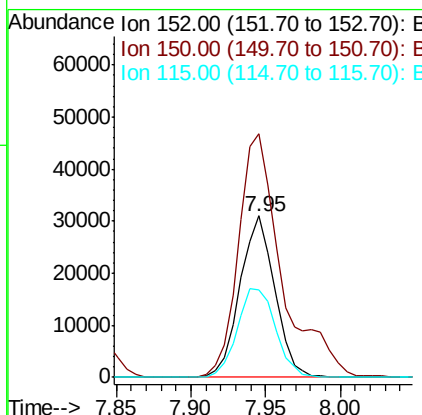
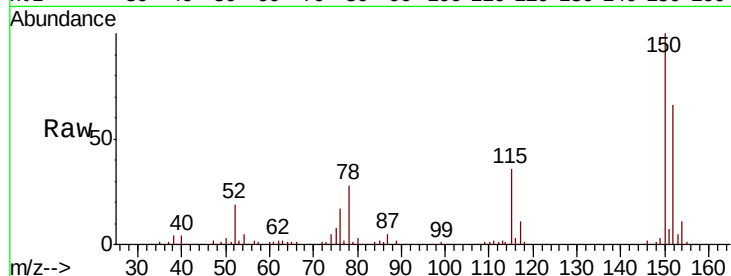


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Instrument :
BNA_G
ClientSampleId :
PB129414BS

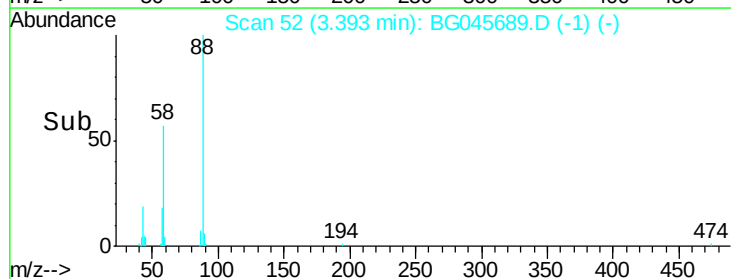
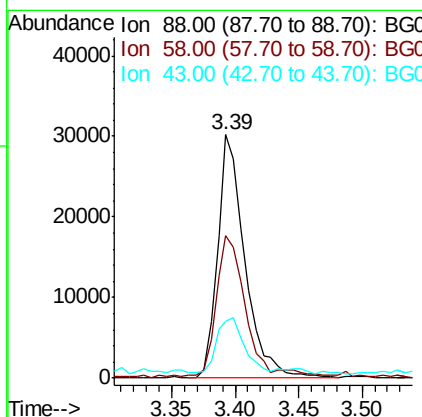
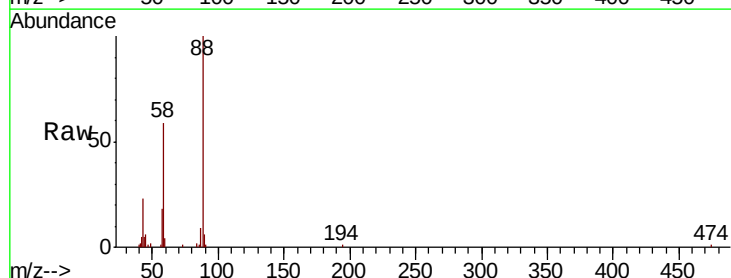
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.4	183.6
115	54.4	44.2	66.4

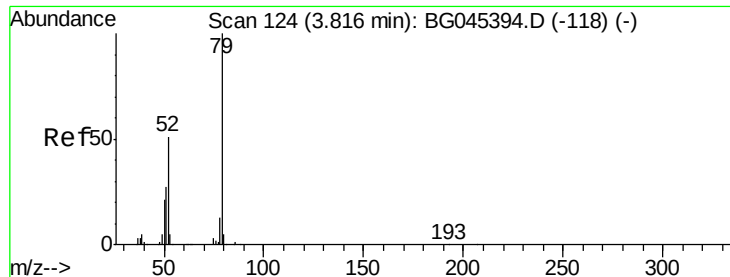


#2

1,4-Dioxane
Concen: 35.488 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	45.7	68.5
43	22.8	16.8	25.2





#3

Pvridine

Concen: 37.104 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

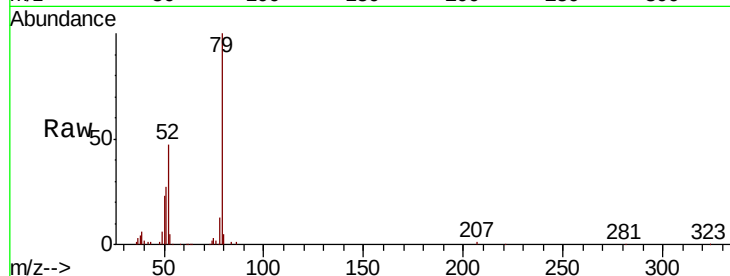
Tot Ion: 79 Resp: 131346

Ion Ratio Lower Upper

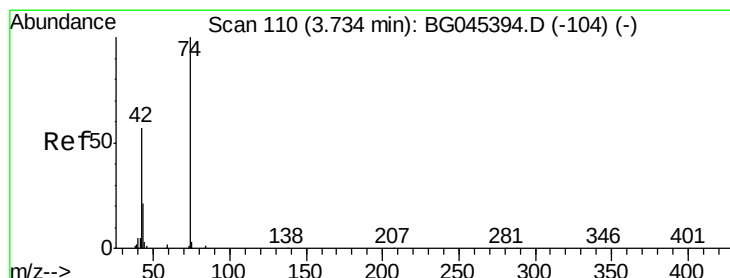
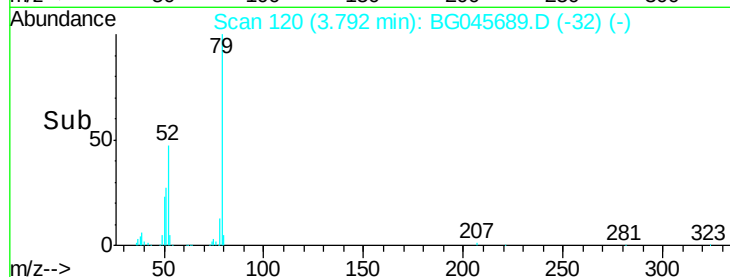
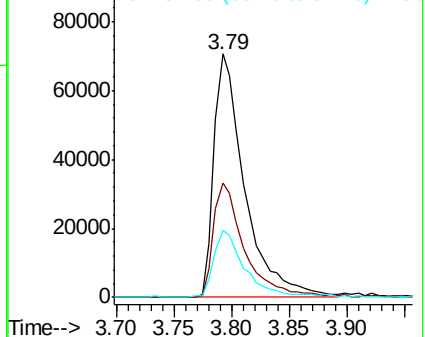
79 100

52 46.9 40.8 61.2

51 27.3 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: 47.627 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

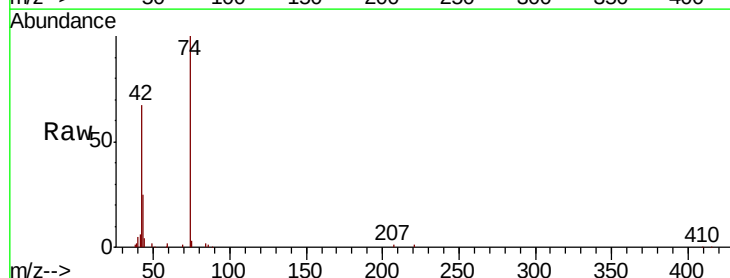
Tgt Ion: 42 Resp: 55170

Ion Ratio Lower Upper

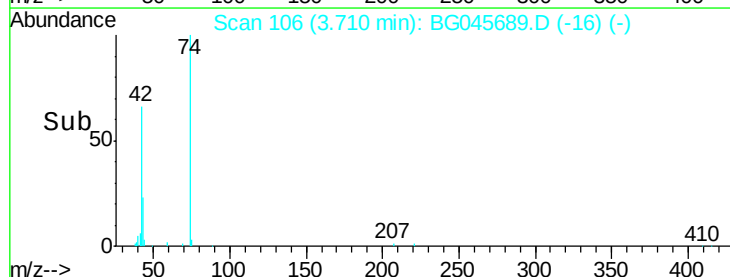
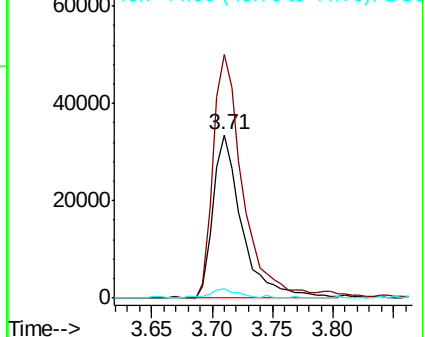
42 100

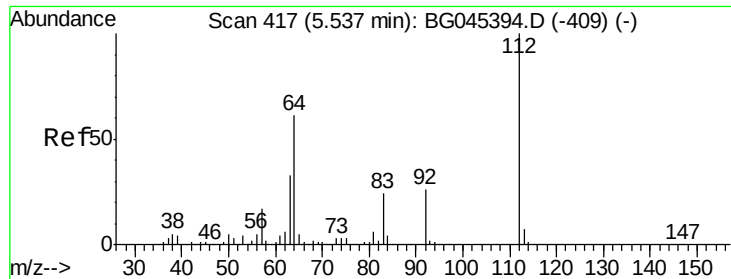
74 149.3 141.3 211.9

44 5.4 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: 143.240 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

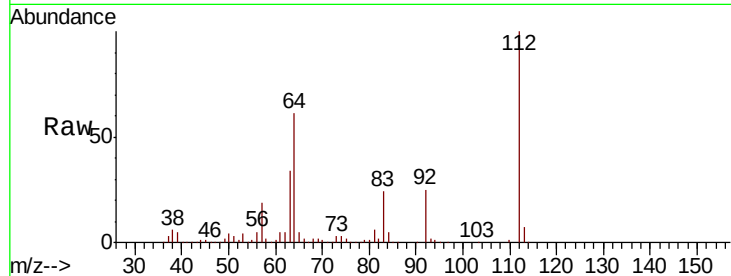
Tot Ion:112 Resp: 367148

Ion Ratio Lower Upper

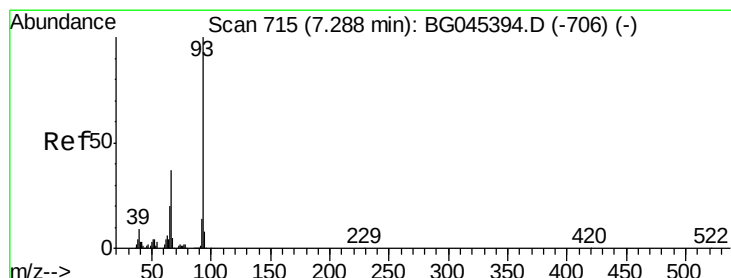
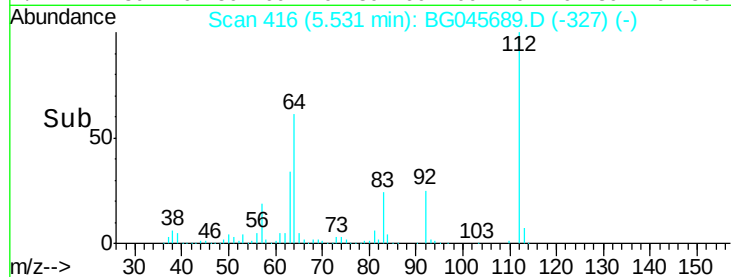
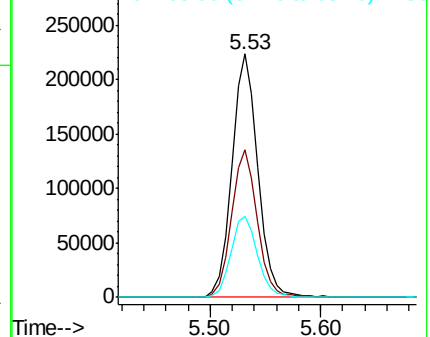
112 100

64 60.8 48.6 72.8

63 33.5 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: 30.705 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

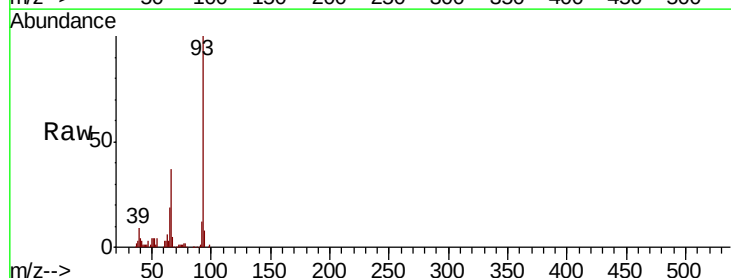
Tgt Ion: 93 Resp: 146226

Ion Ratio Lower Upper

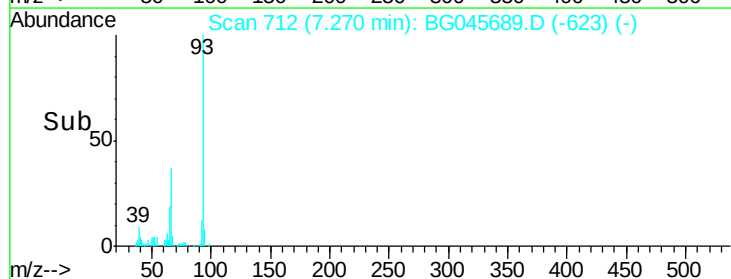
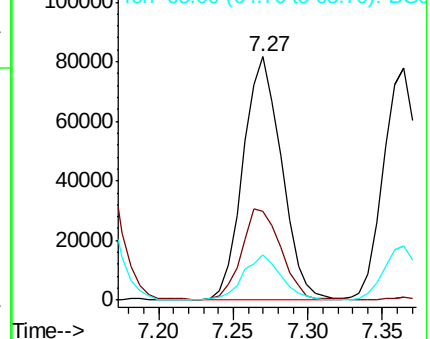
93 100

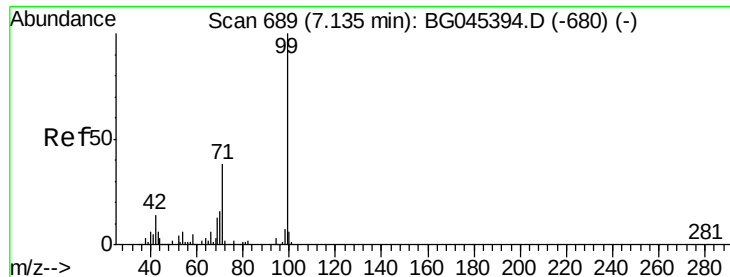
66 36.7 29.6 44.4

65 18.6 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: 145.290 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

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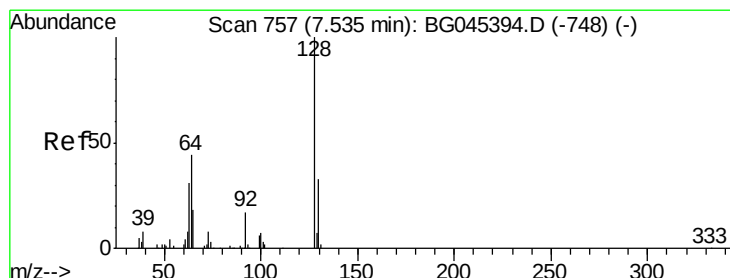
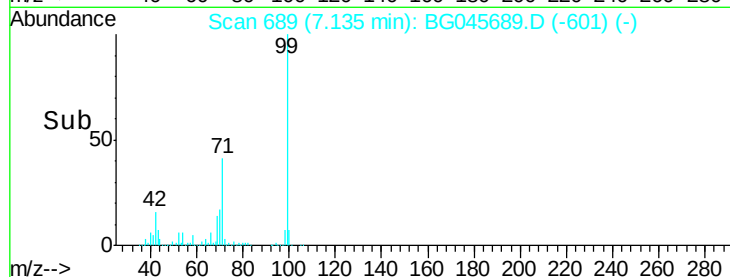
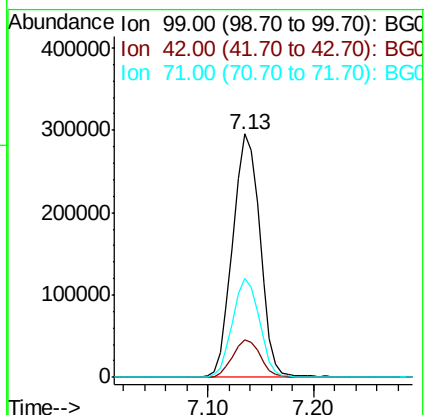
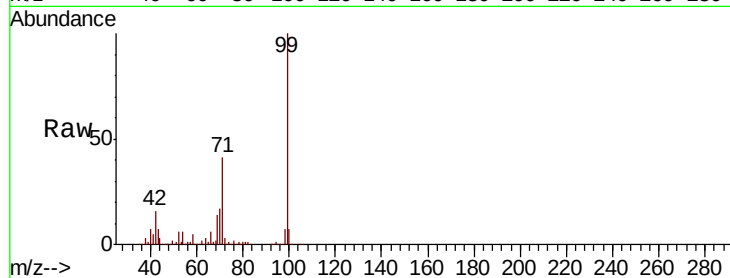
Tot Ion: 99 Resp: 530043

Ion Ratio Lower Upper

99 100

42 15.6 11.3 16.9

71 40.9 30.8 46.2



#8

2-Chlorophenol

Concen: 49.849 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

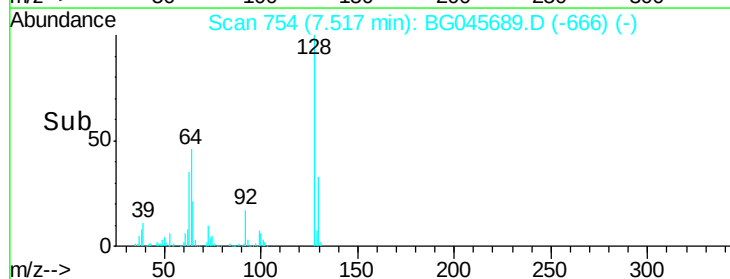
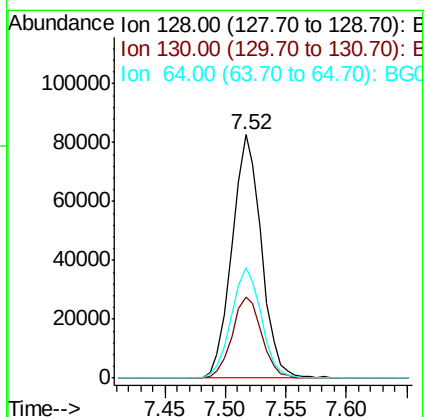
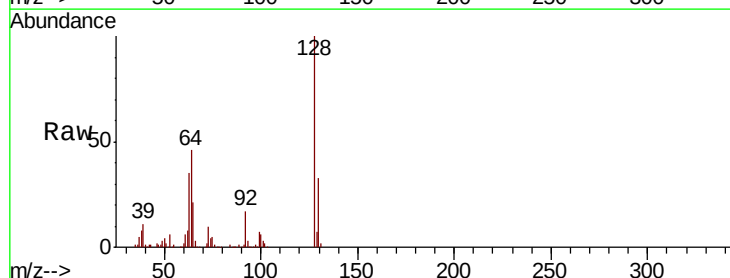
Tgt Ion: 128 Resp: 140117

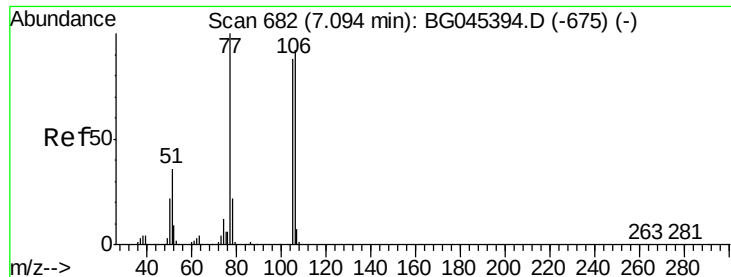
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 45.5 27.0 67.0





#9

Benzaldehyde

Concen: 43.101 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

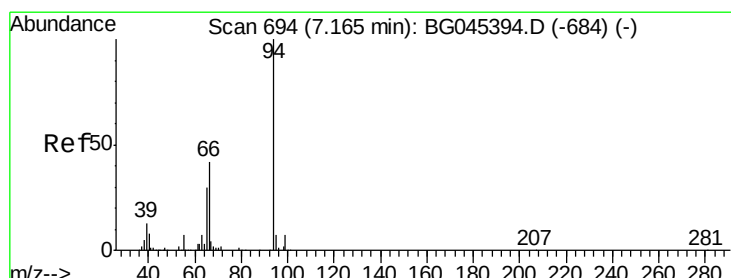
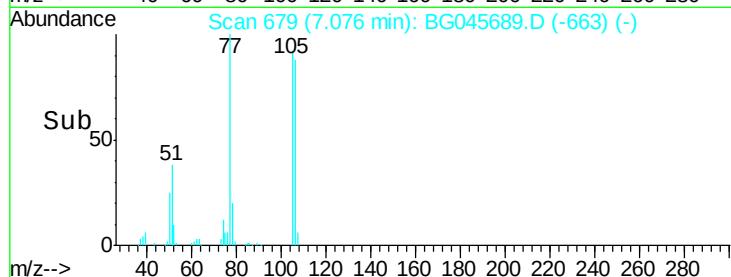
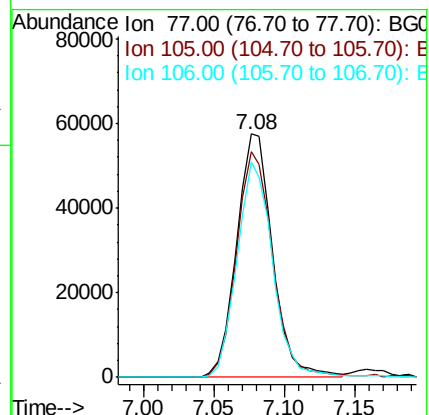
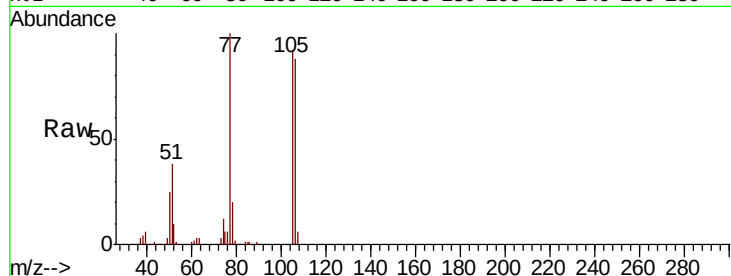
Tot Ion: 77 Resp: 102446

Ion Ratio Lower Upper

77 100

105 92.5 68.5 108.5

106 88.4 71.6 111.6



#10

Phenol

Concen: 50.642 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

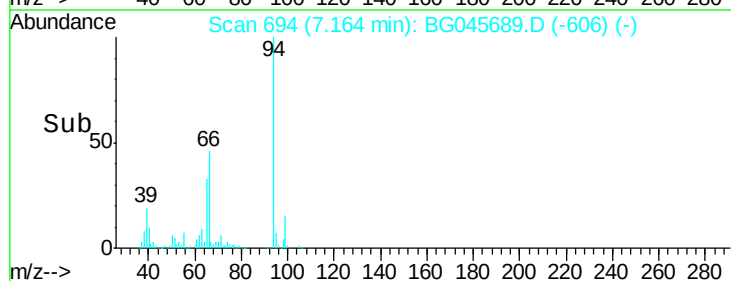
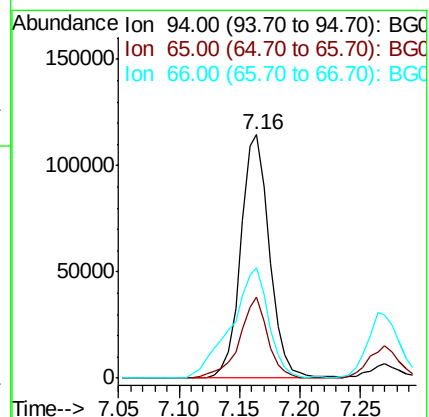
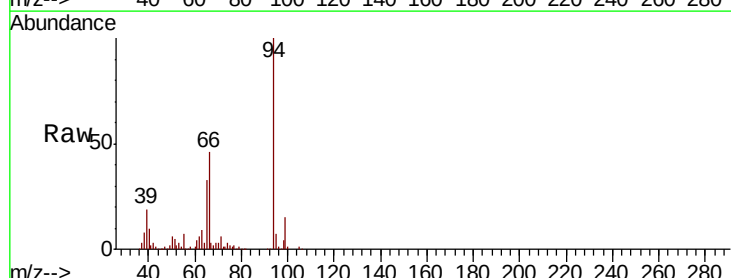
Tgt Ion: 94 Resp: 190412

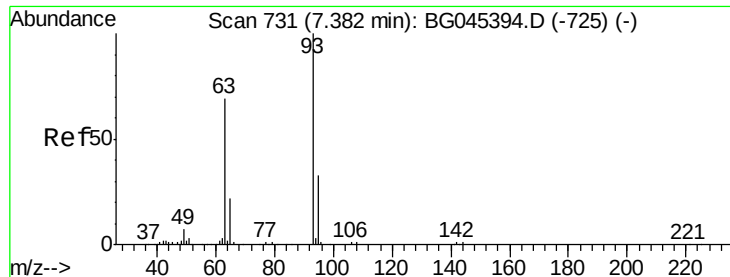
Ion Ratio Lower Upper

94 100

65 33.1 9.8 49.8

66 45.5 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 44.431 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleID :

PB129414BS

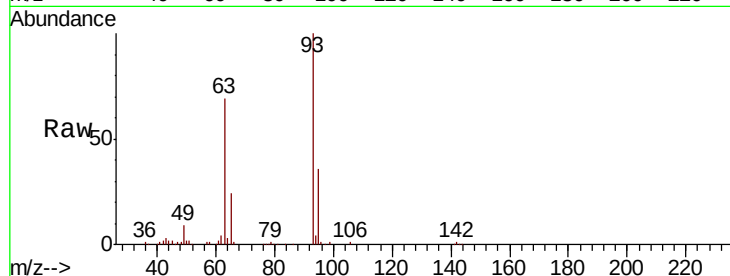
Tot Ion: 93 Resp: 130306

Ion Ratio Lower Upper

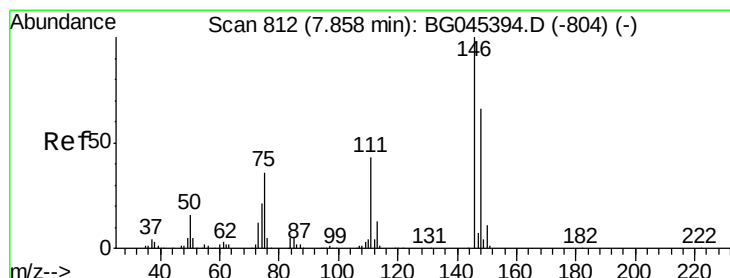
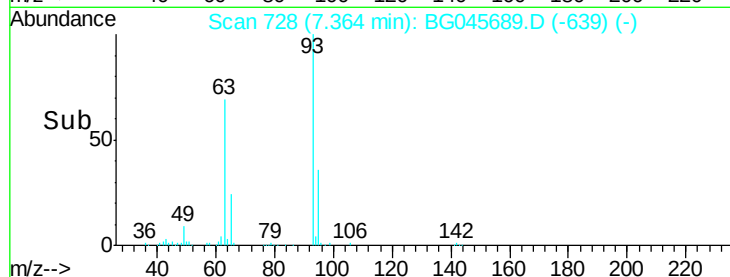
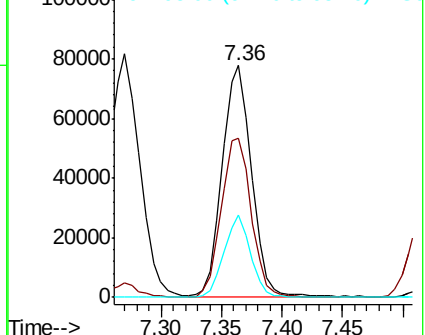
93 100

63 68.7 48.4 88.4

95 35.5 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: 42.742 ng

RT: 7.83 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

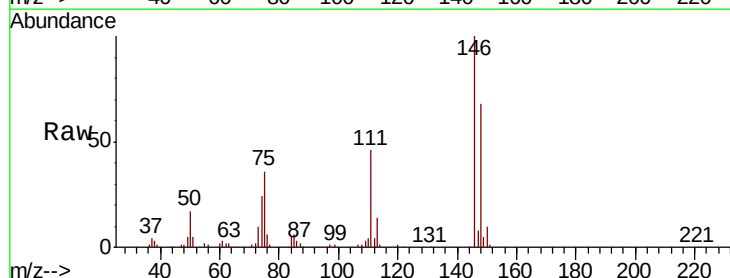
Tgt Ion: 146 Resp: 144374

Ion Ratio Lower Upper

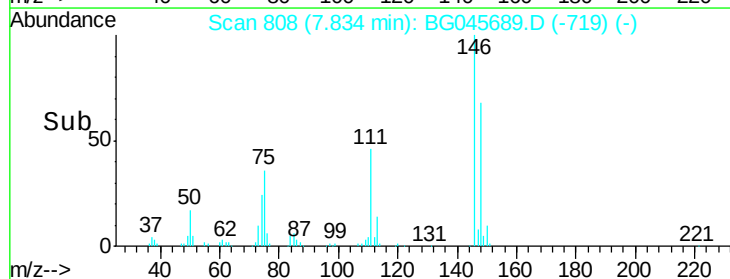
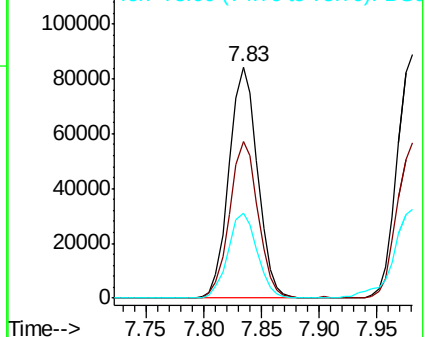
146 100

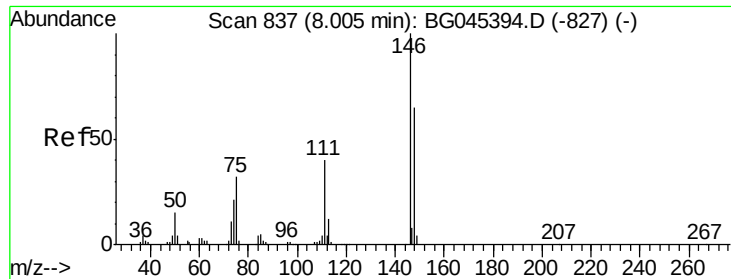
148 67.9 53.2 79.8

75 36.5 28.6 43.0



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

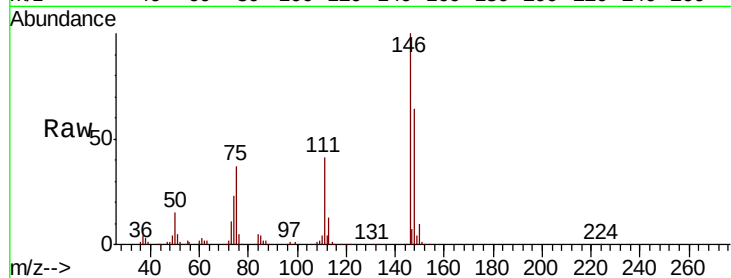




#13
 1,4-Dichlorobenzene
 Concen: 45.027 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB129414BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
111	40.8	32.1	48.1

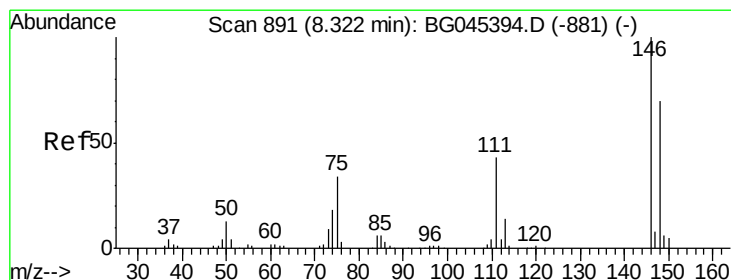
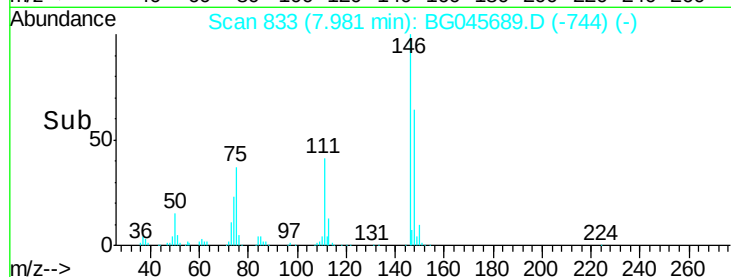
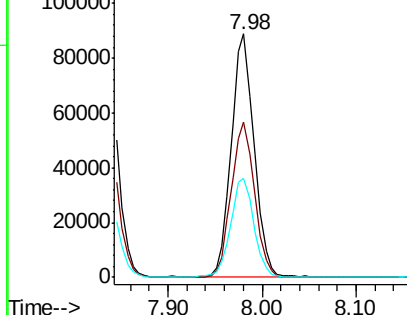


Abundance

Ion 146.00 (145.70 to 146.70): E

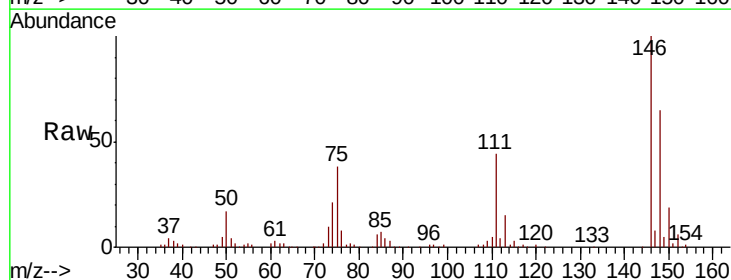
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.858 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	55.9	83.9
111	43.6	35.0	52.4

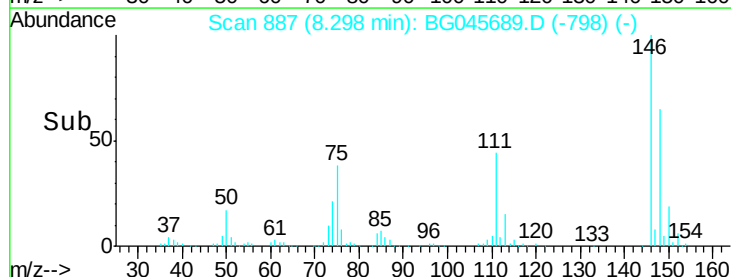
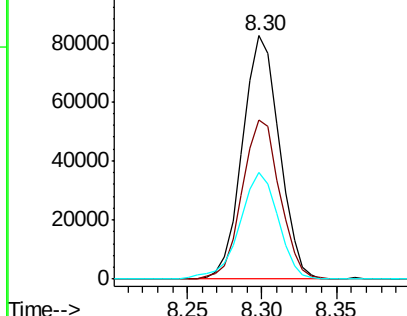


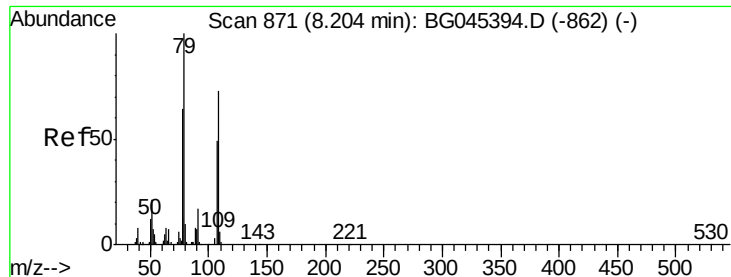
Abundance

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: 48.814 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

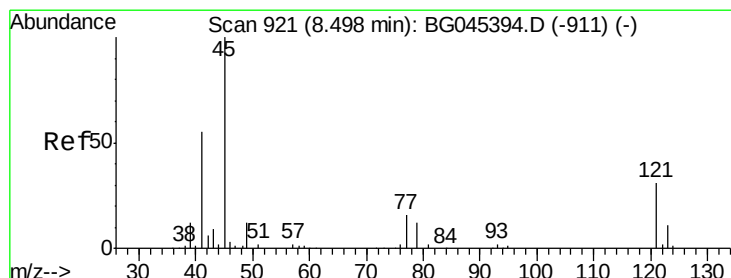
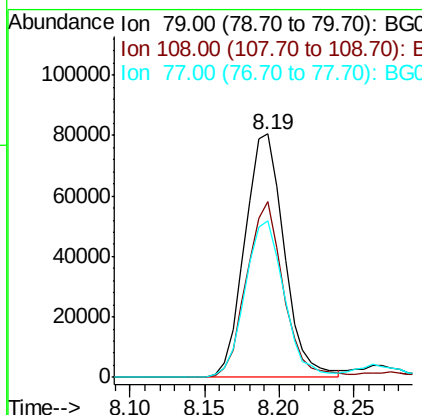
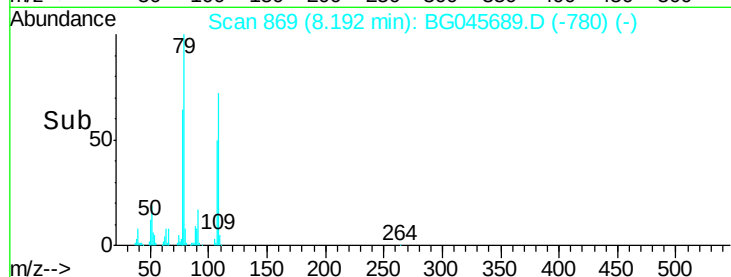
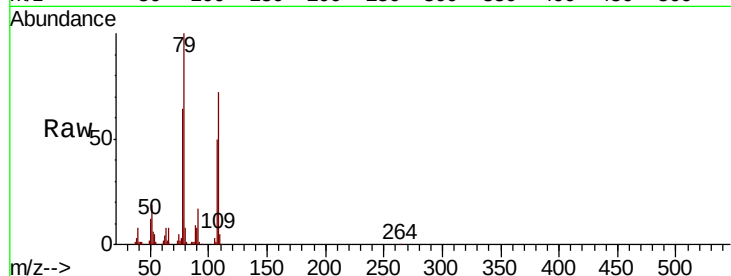
Tot Ion: 79 Resp: 147113

Ion Ratio Lower Upper

79 100

108 72.3 58.2 87.4

77 64.2 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.450 ng

RT: 8.47 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

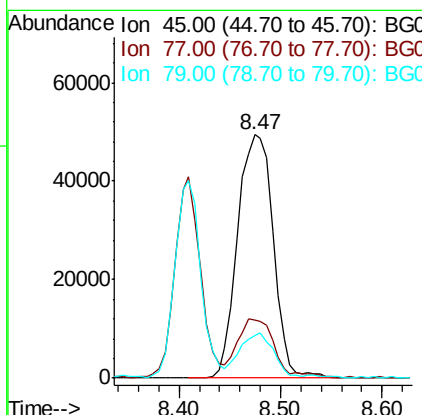
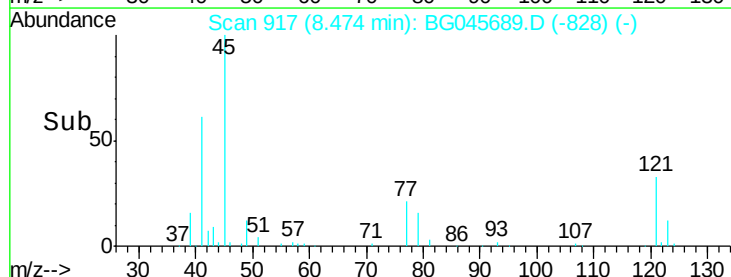
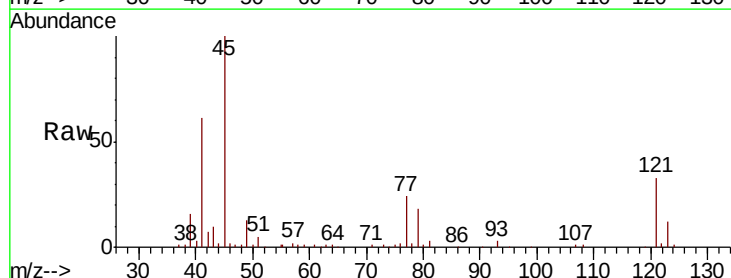
Tgt Ion: 45 Resp: 120959

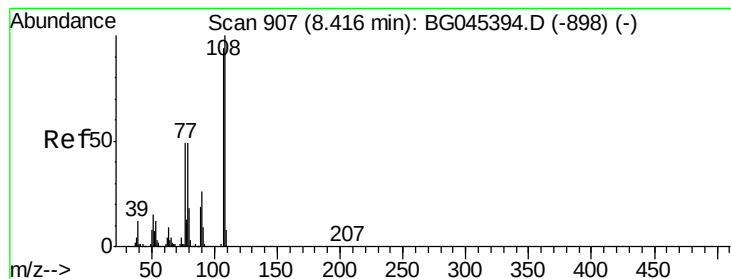
Ion Ratio Lower Upper

45 100

77 23.7 4.0 44.0

79 17.5 0.0 38.6





#17

2-Methylphenol

Concen: 46.554 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

Tot Ion:107 Resp: 131015

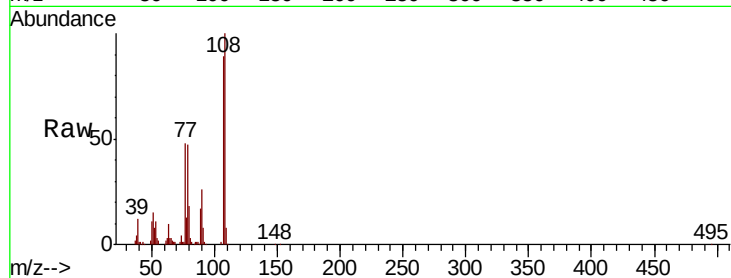
Ion Ratio Lower Upper

107 100

108 111.8 85.2 127.8

77 54.2 41.6 62.4

79 53.0 41.8 62.8

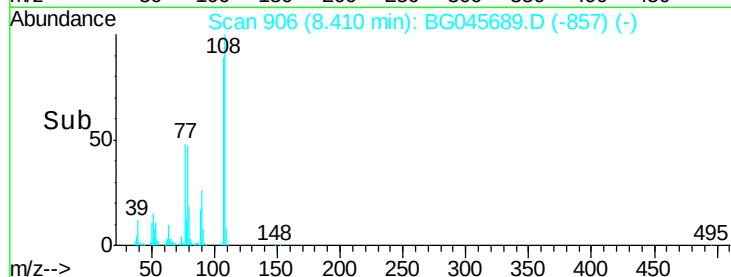


Abundance Ion 107.00 (106.70 to 107.70): E

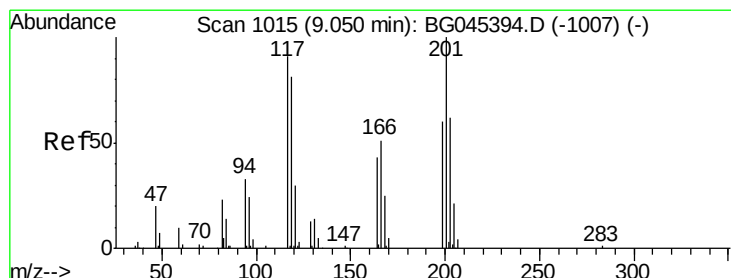
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 44.383 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

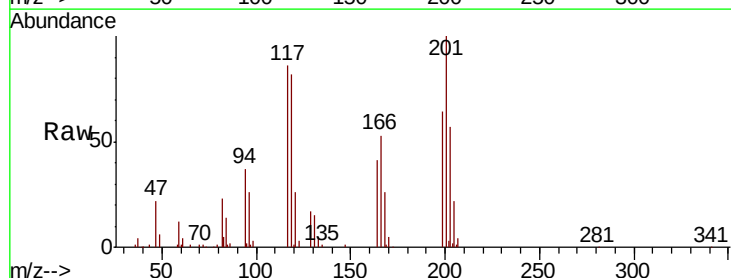
Tgt Ion:117 Resp: 56664

Ion Ratio Lower Upper

117 100

119 95.3 71.3 106.9

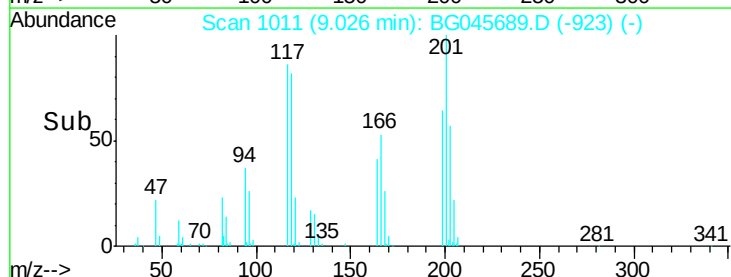
201 116.6 87.5 131.3



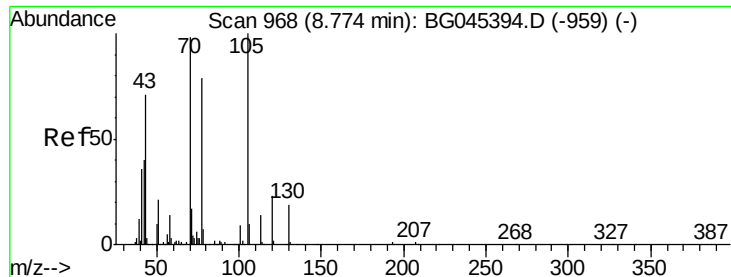
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



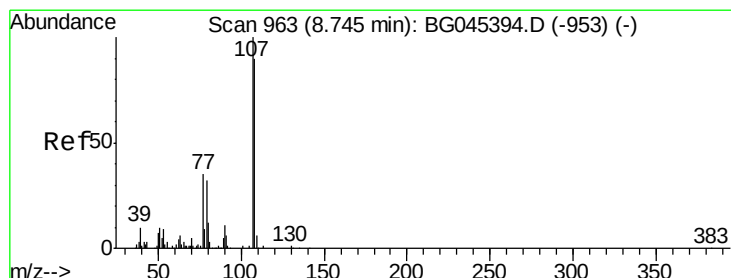
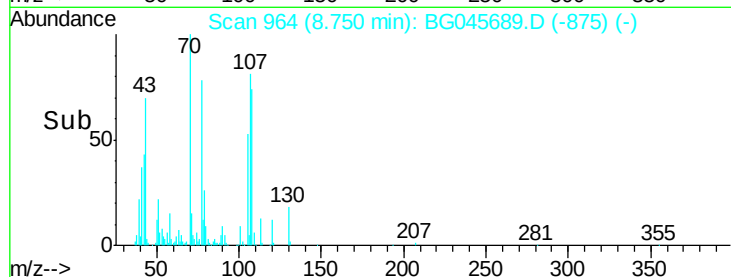
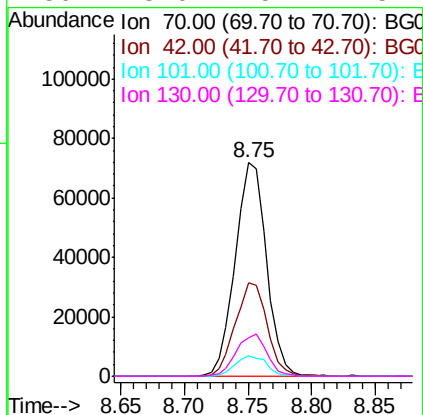
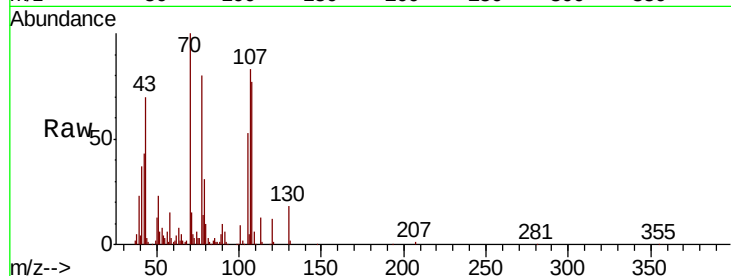
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 48.537 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

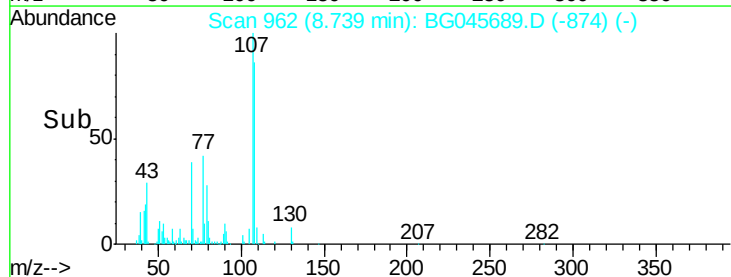
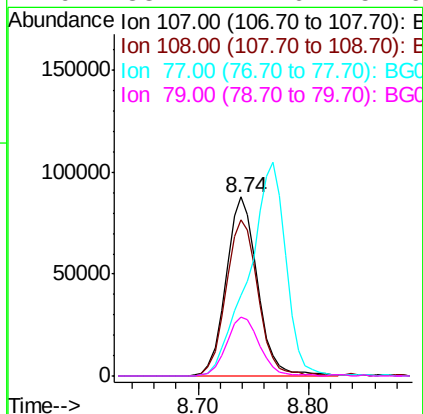
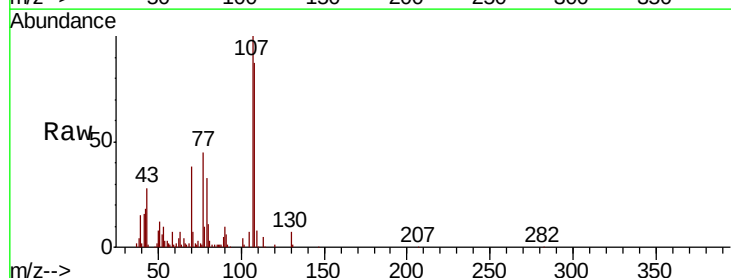
Instrument :
BNA_G
ClientSampleId :
PB129414BS

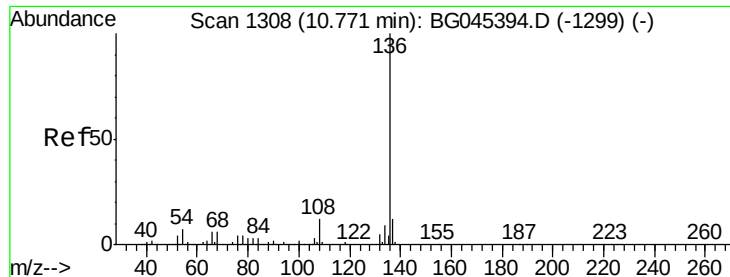
Tot Ion:	70	Resp:	122446
Ion	Ratio	Lower	Upper
70	100		
42	43.5	33.2	49.8
101	9.4	7.8	11.6
130	18.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 45.783 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion:	107	Resp:	175456
Ion	Ratio	Lower	Upper
107	100		
108	87.0	70.3	110.3
77	45.1	15.4	55.4
79	33.1	12.6	52.6

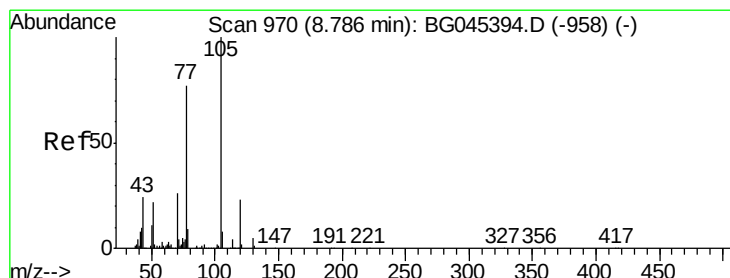
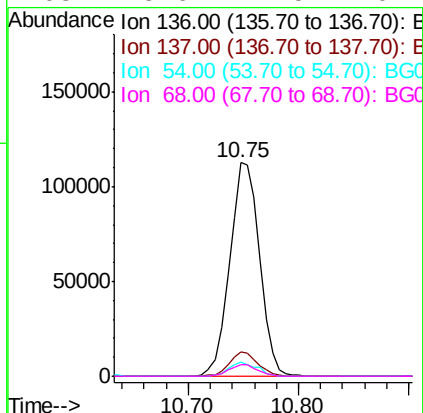
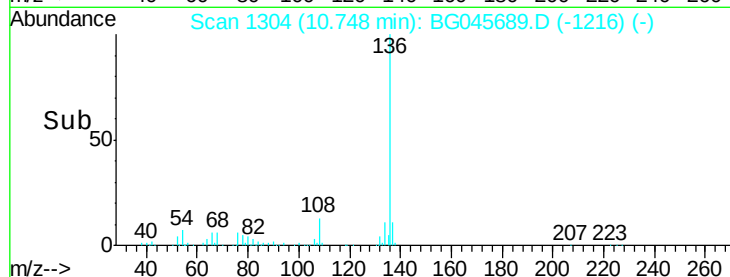
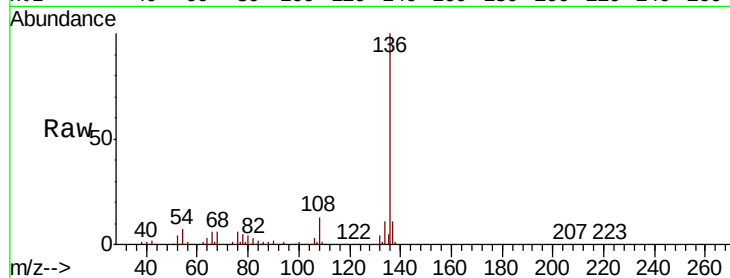




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

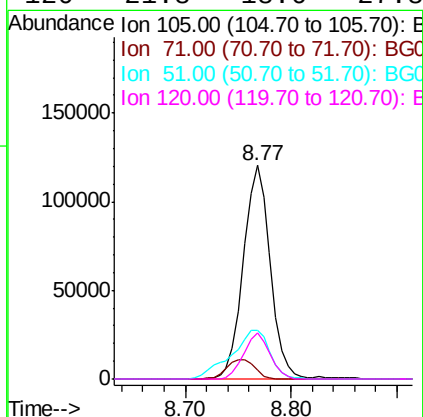
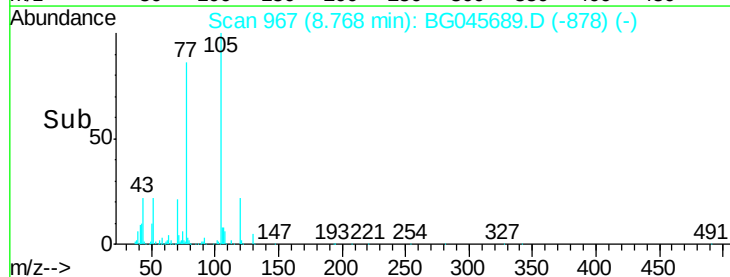
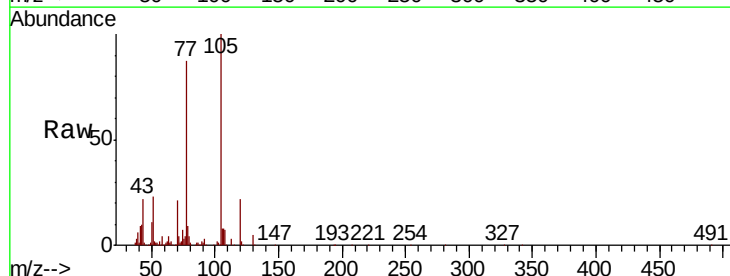
Instrument :
BNA_G
ClientSampleId :
PB129414BS

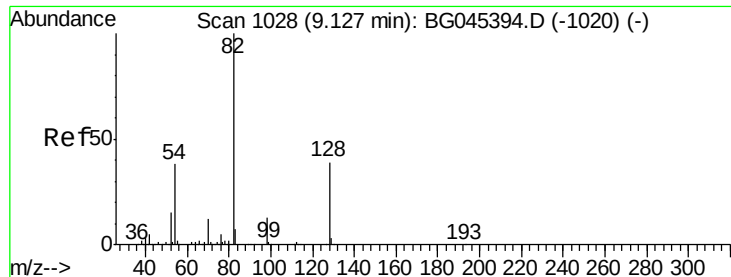
Tot Ion:136	Resp:	212965	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.4	14.2	
54 6.5	5.8	8.6	
68 5.6	4.5	6.7	



#22
Acetophenone
Concen: 42.379 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt	Ion:105	Resp:	213908
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.4	5.0
51	22.7	18.2	27.2
120	21.8	18.6	27.8

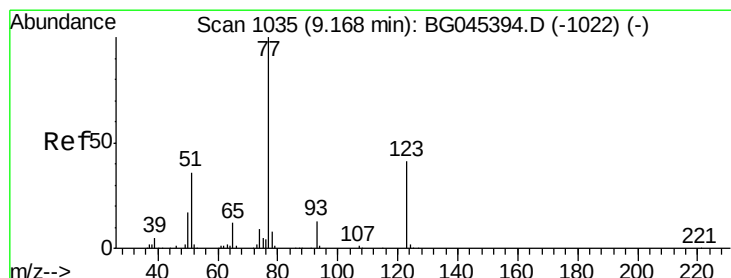
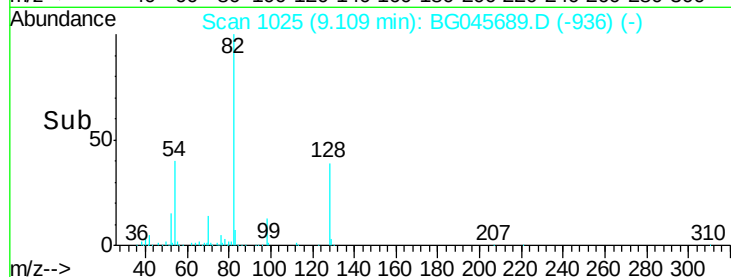
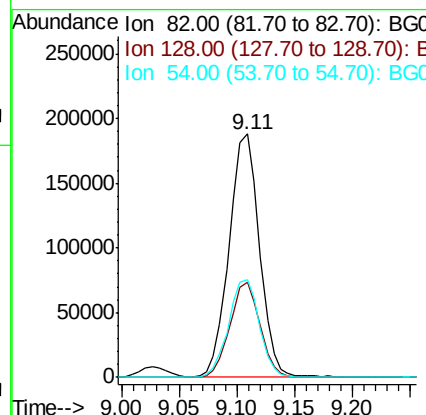
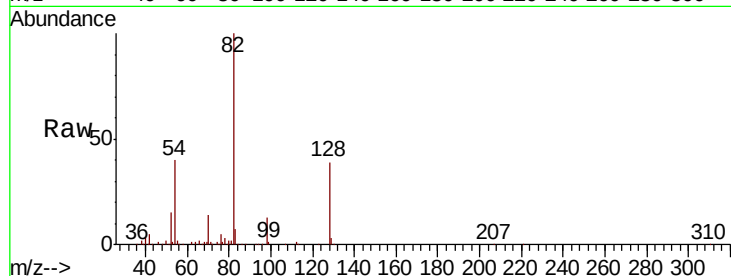




#23
 Nitrobenzene-d5
 Concen: 87.646 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

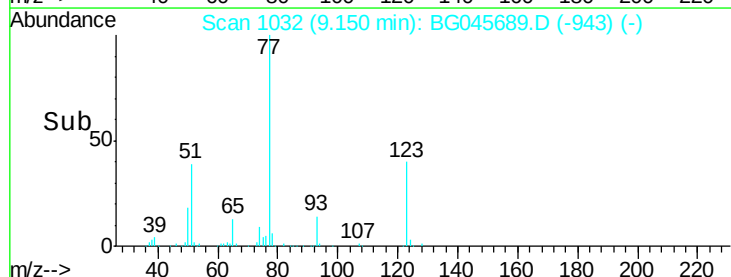
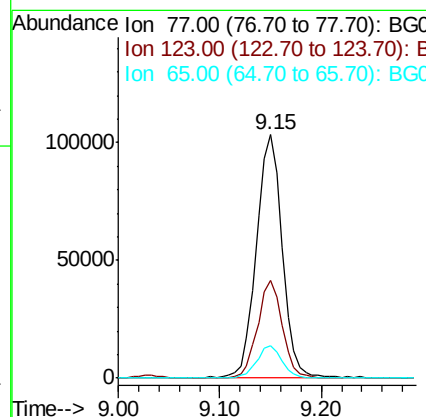
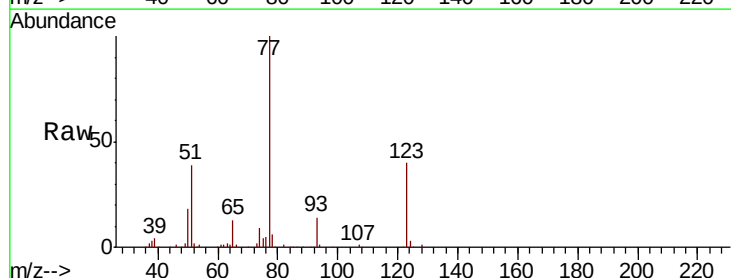
Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

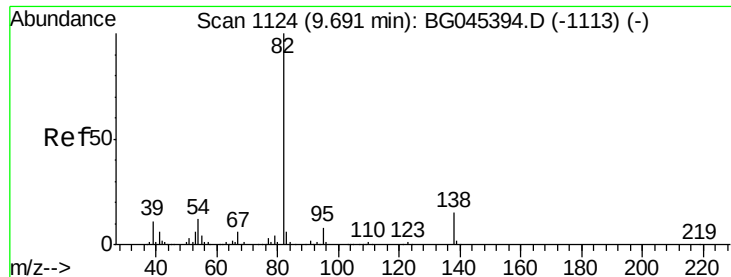
Tot Ion	82	Resp	342289
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	40.1	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.717 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	77	Resp	182919
Ion Ratio	Lower	Upper	
77	100		
123	40.3	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 43.648 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

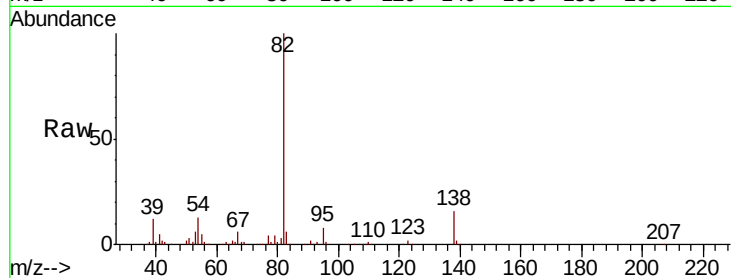
Tot Ion: 82 Resp: 335704

Ion Ratio Lower Upper

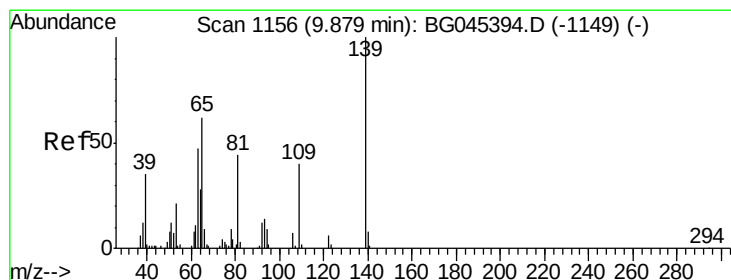
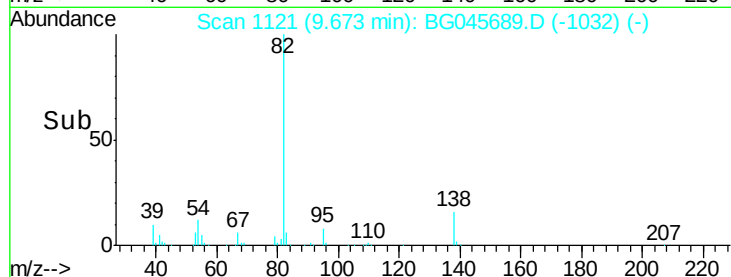
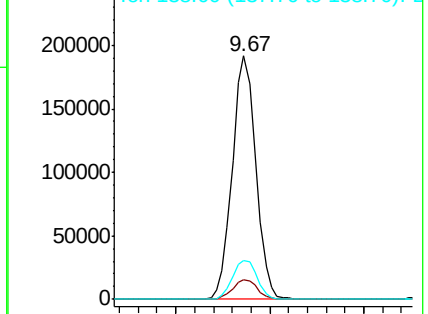
82 100

95 8.3 6.7 10.1

138 16.0 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: 46.043 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

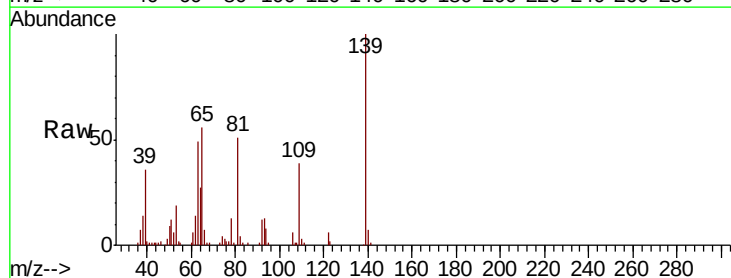
Tgt Ion: 139 Resp: 82413

Ion Ratio Lower Upper

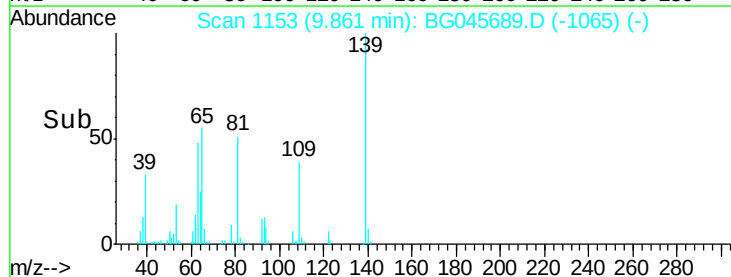
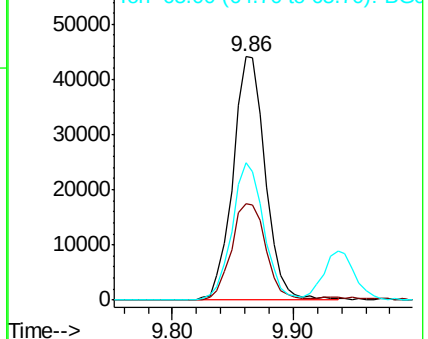
139 100

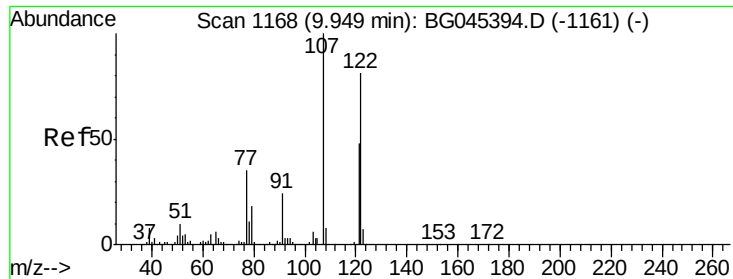
109 39.4 32.2 48.4

65 56.3 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

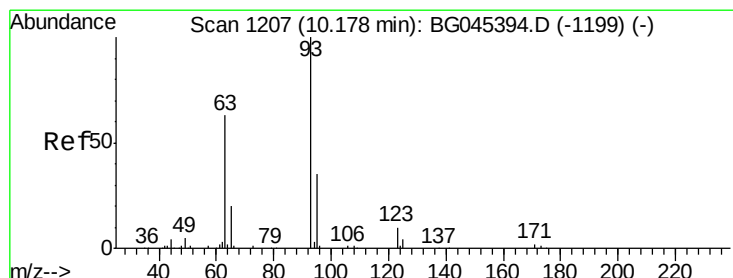
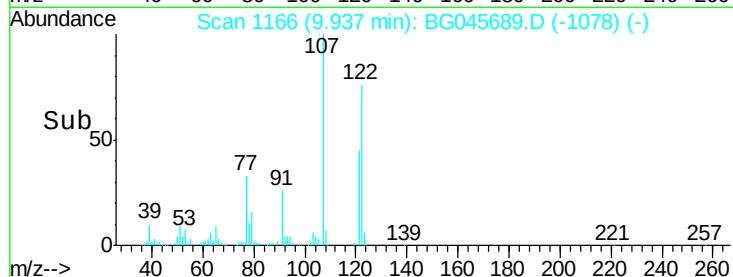
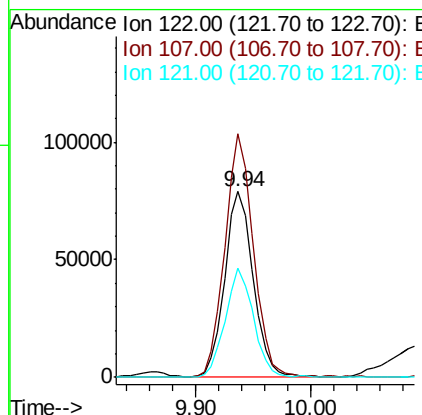
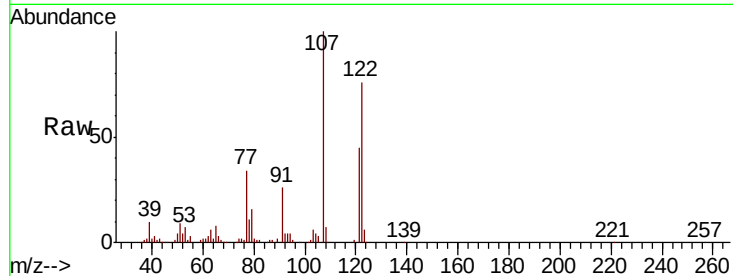




#27
 2,4-Dimethylphenol
 Concen: 51.204 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

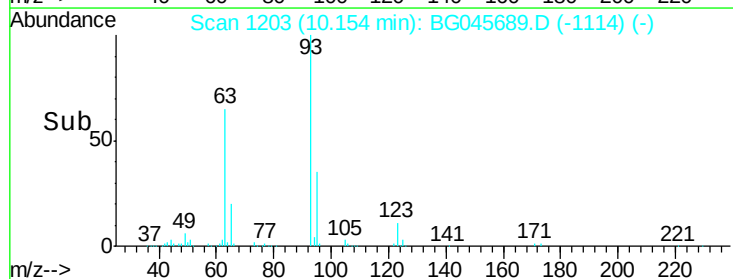
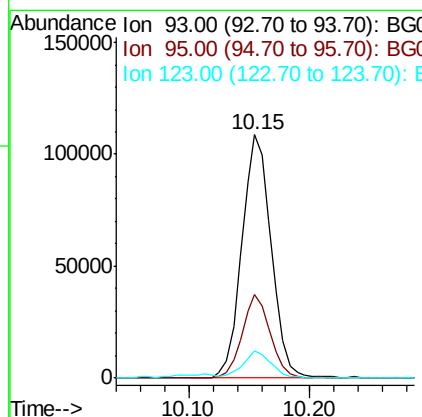
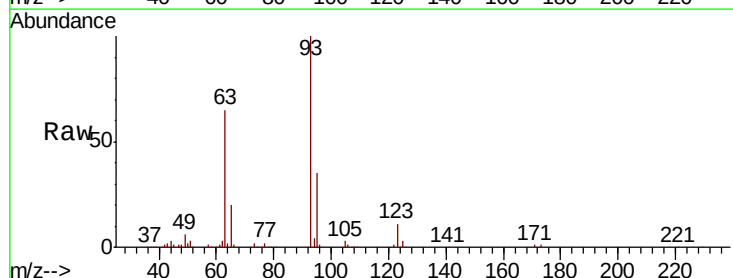
Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

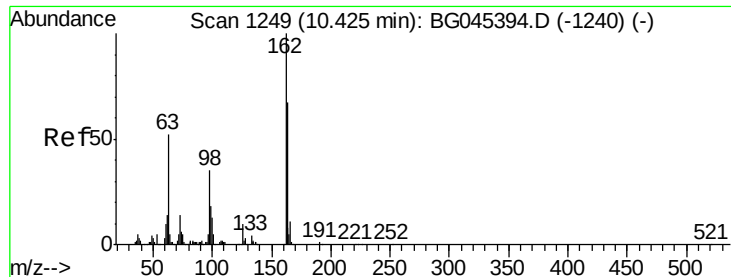
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.2	99.0	148.4
121	58.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.668 ng
 RT: 10.15 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	27.6	41.4
123	11.2	8.1	12.1

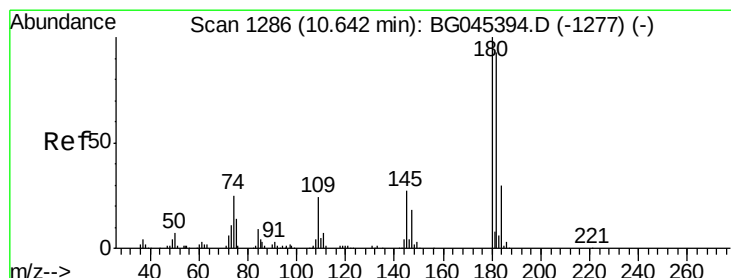
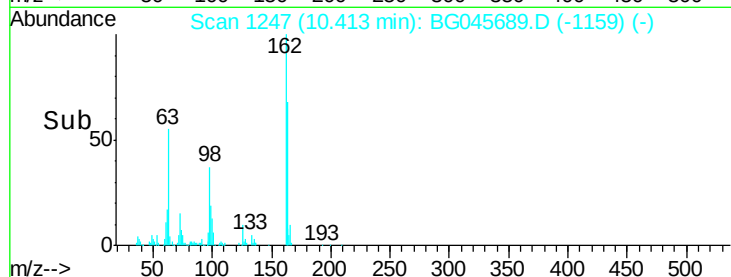
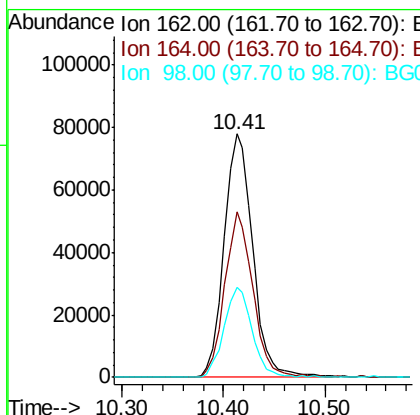
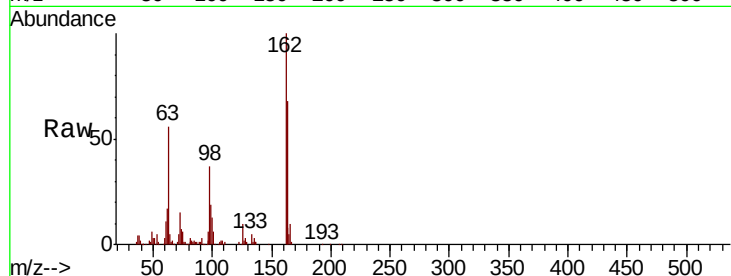




#29
 2,4-Dichlorophenol
 Concen: 48.654 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

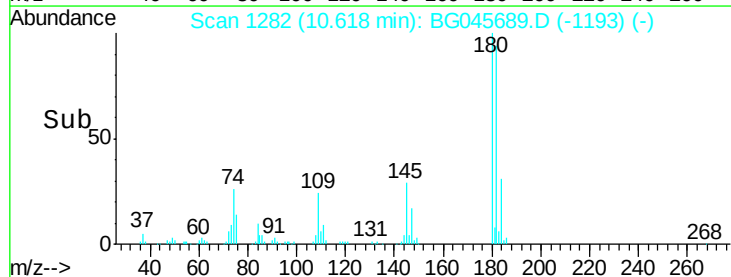
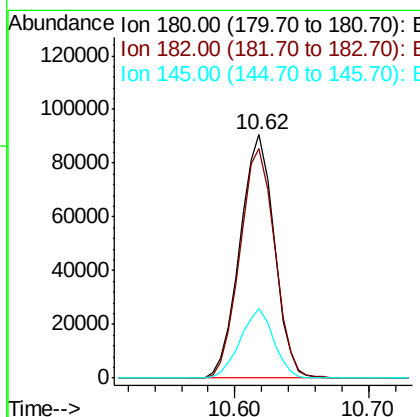
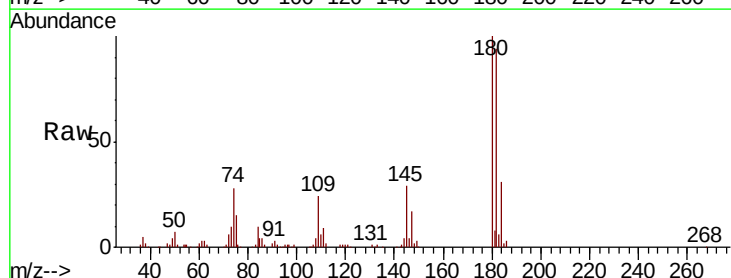
Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

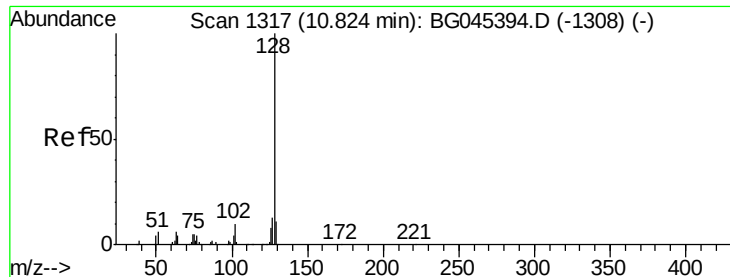
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	46.8	86.8
98	37.0	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.451 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.8	112.2
145	28.7	21.9	32.9

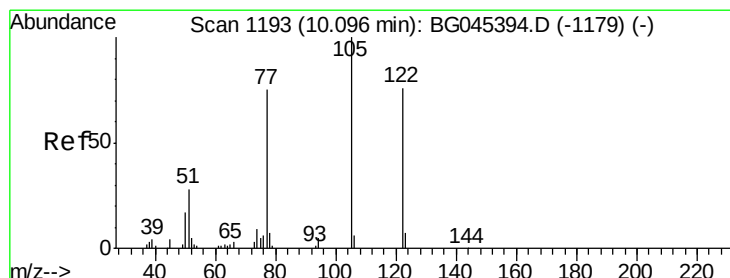
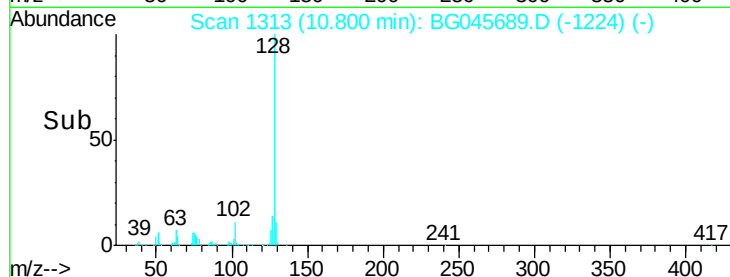
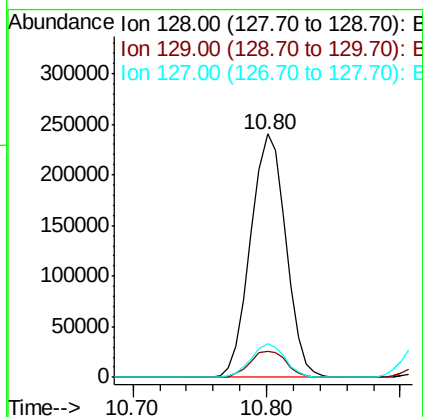
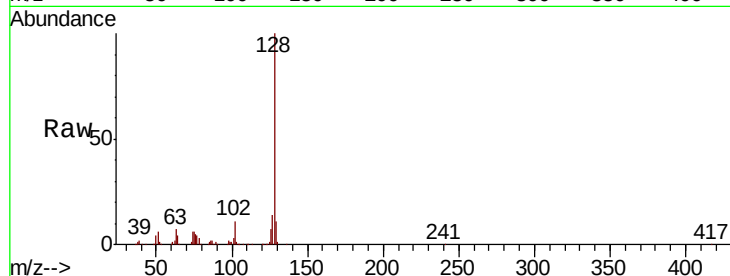




#31
Naphthalene
Concen: 44.195 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

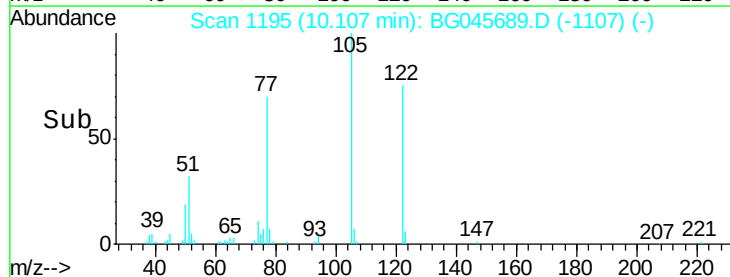
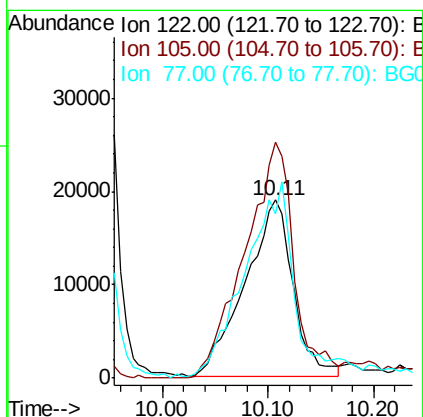
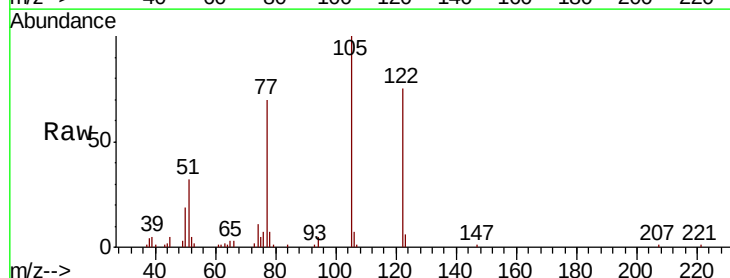
Instrument :
BNA_G
ClientSampleId :
PB129414BS

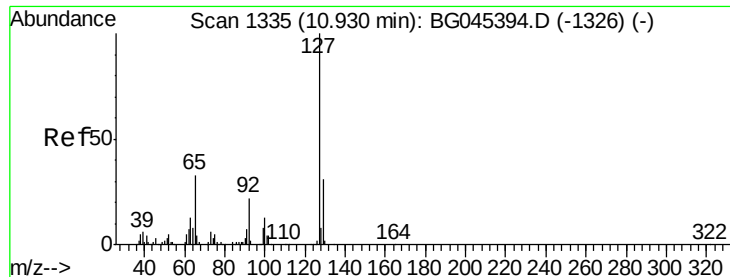
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	10.7	16.1



#32
Benzoic acid
Concen: 35.984 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	107.9	147.9
77	92.5	78.9	118.9

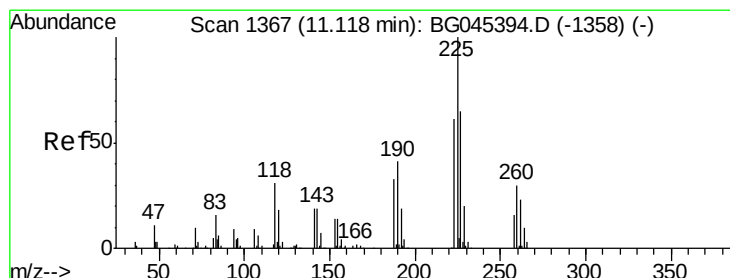
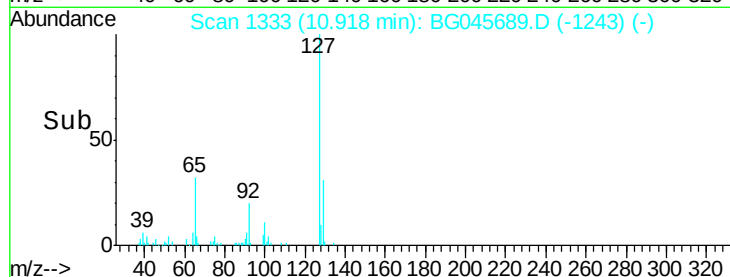
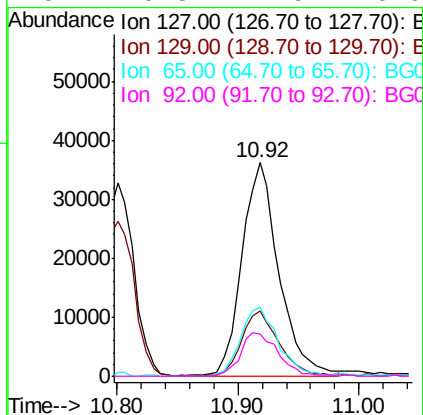
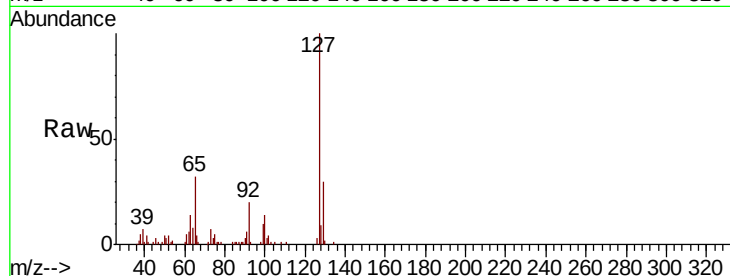




#33
4-Chloroaniline
Concen: 18.603 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

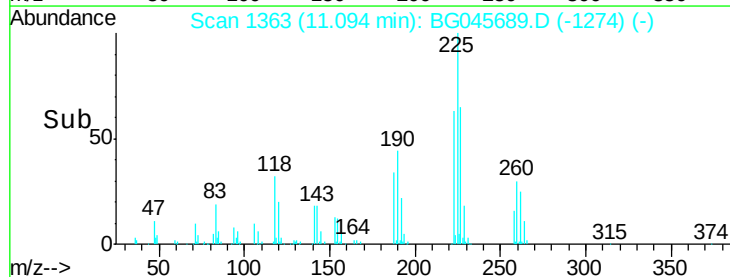
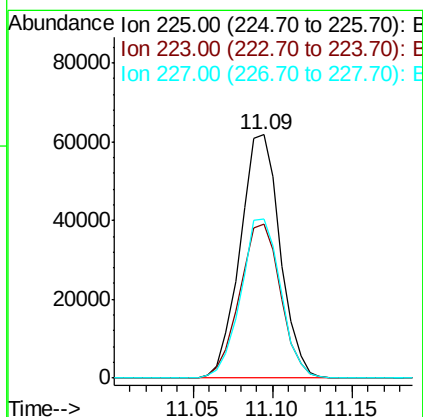
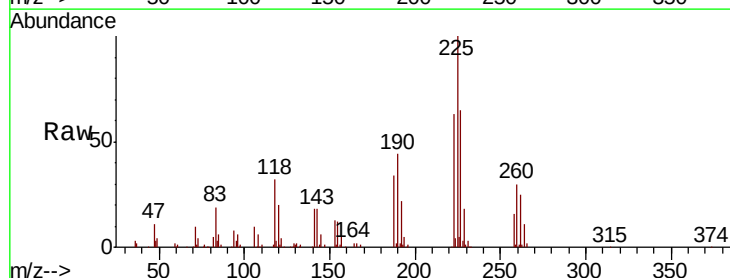
Instrument :
BNA_G
ClientSampled :
PB129414BS

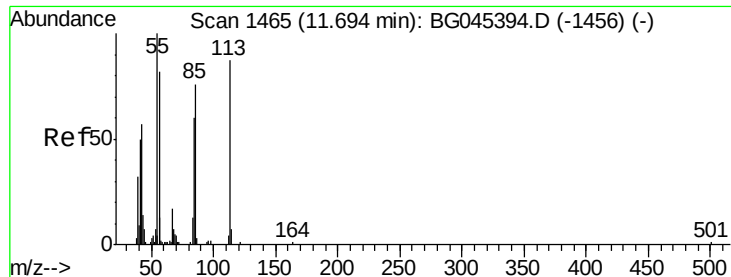
Tot Ion:127	Resp:	77171
Ion Ratio	Lower	Upper
127 100		
129 30.5	24.7	37.1
65 32.2	26.2	39.2
92 19.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 41.384 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion	225	Resp: Lower	108363 Upper
	Ratio		
225	100		
223	63.3	49.1	73.7
227	65.2	52.0	78.0





#35

Caprolactam

Concen: 24.980 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

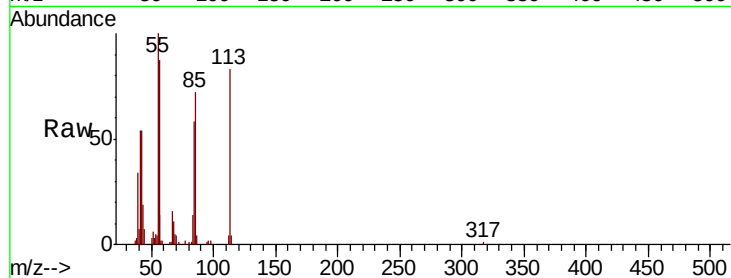
Tot Ion:113 Resp: 28744

Ion Ratio Lower Upper

113 100

55 119.8 96.0 136.0

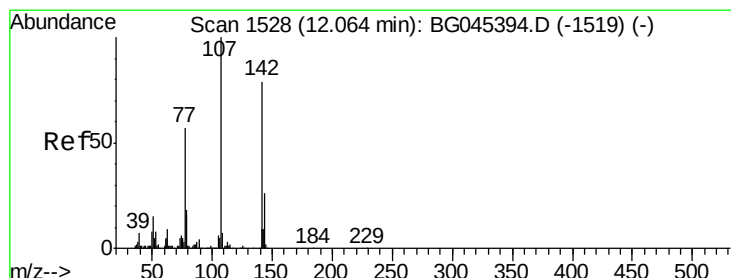
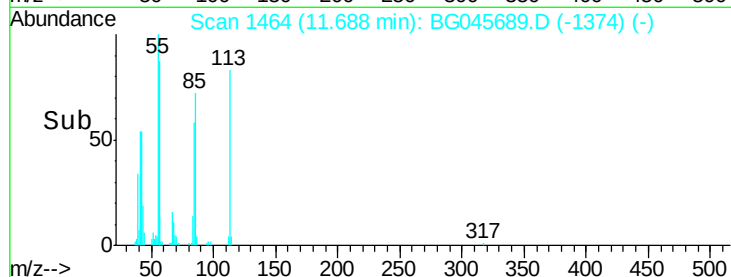
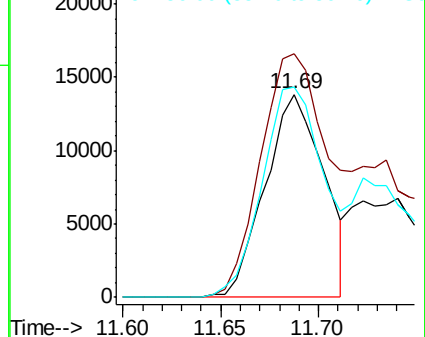
56 103.8 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.042 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

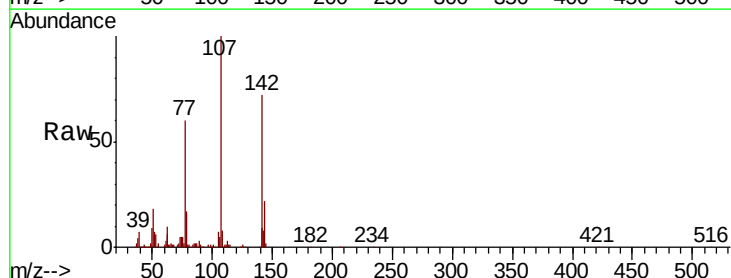
Tgt Ion:107 Resp: 180310

Ion Ratio Lower Upper

107 100

144 22.0 20.8 31.2

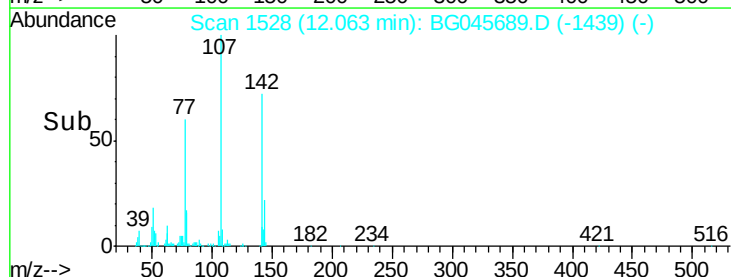
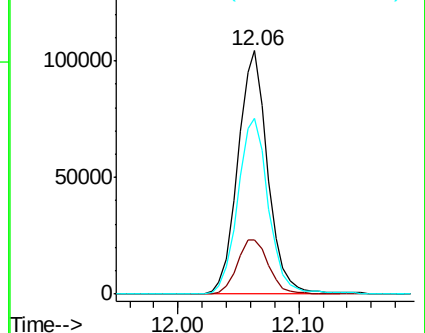
142 72.3 62.8 94.2

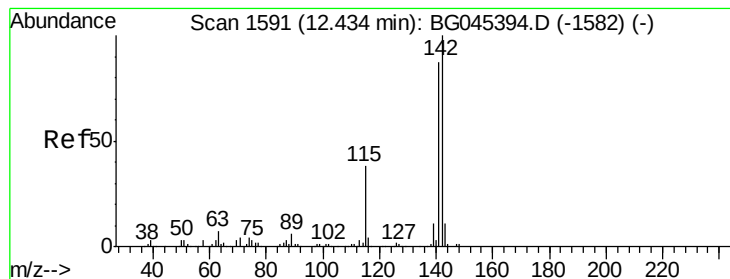


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.963 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

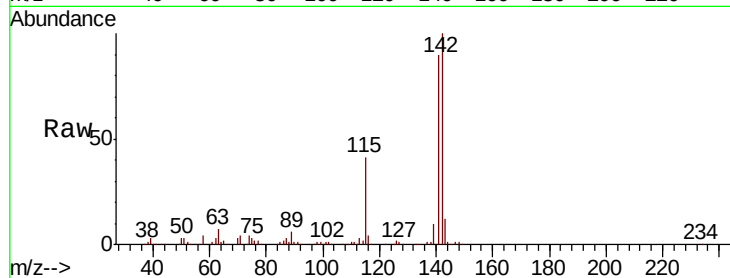
Tot Ion:142 Resp: 339976

Ion Ratio Lower Upper

142 100

141 89.9 70.0 105.0

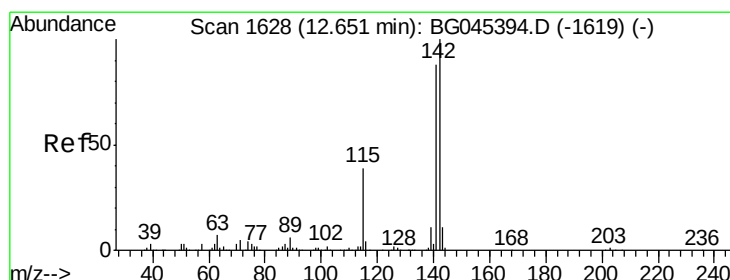
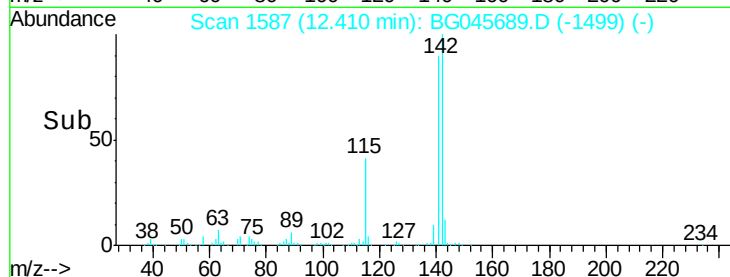
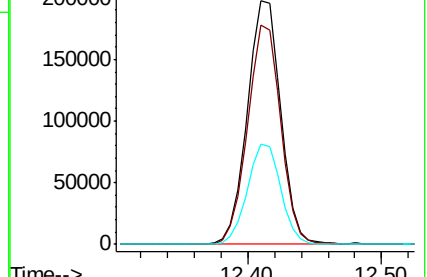
115 41.4 30.8 46.2



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: 48.657 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.23 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

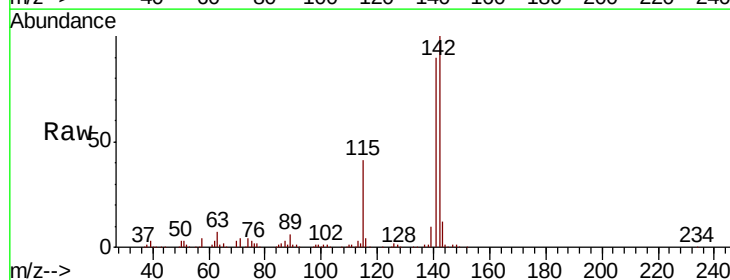
Tgt Ion:142 Resp: 339976

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

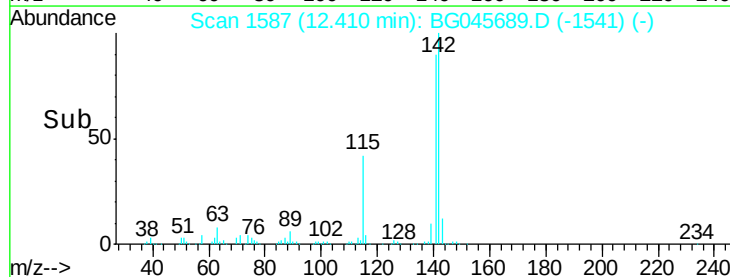
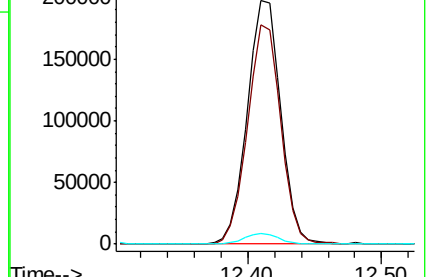
116 4.4 3.0 4.6

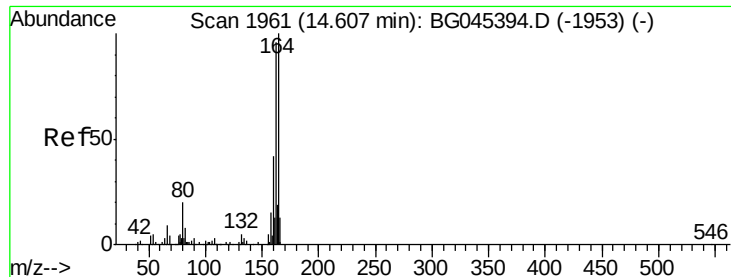


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

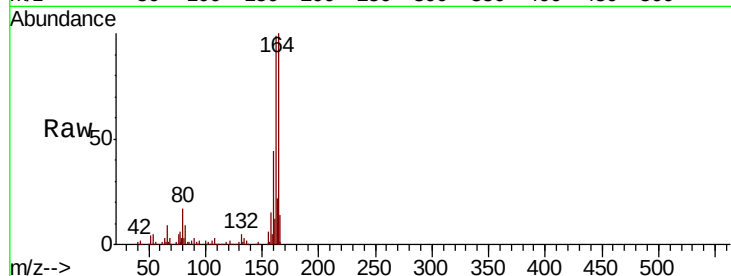
Tot Ion:164 Resp: 166108

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

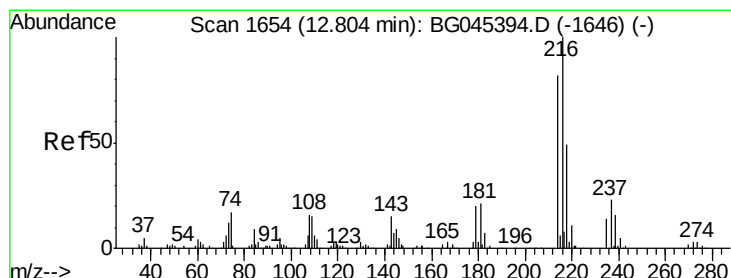
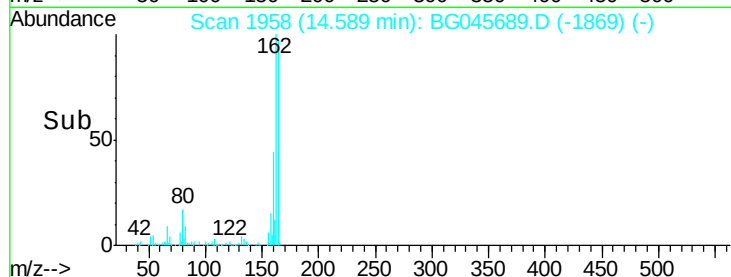
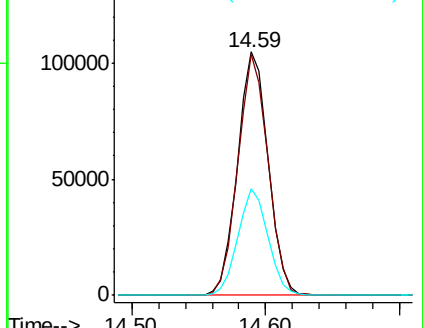
160 43.9 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.695 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Tgt Ion:216 Resp: 193451

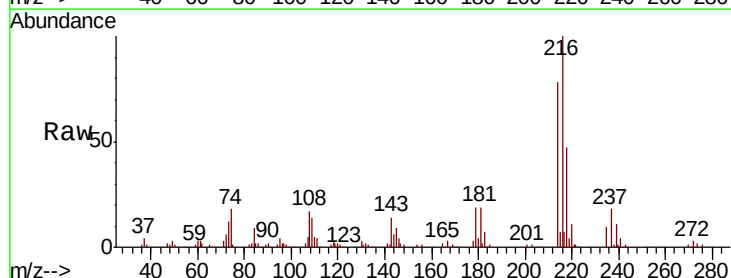
Ion Ratio Lower Upper

216 100

214 78.0 63.7 95.5

179 19.8 16.1 24.1

108 20.2 13.8 20.6

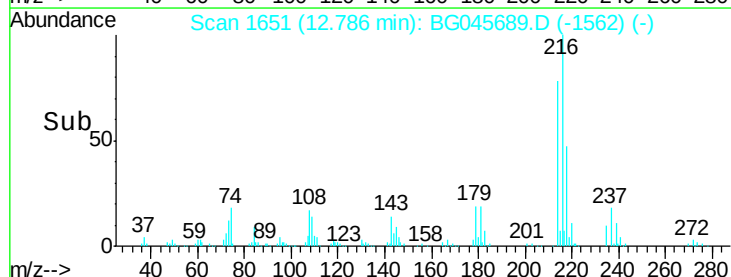
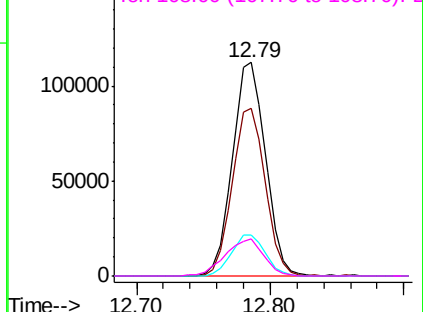


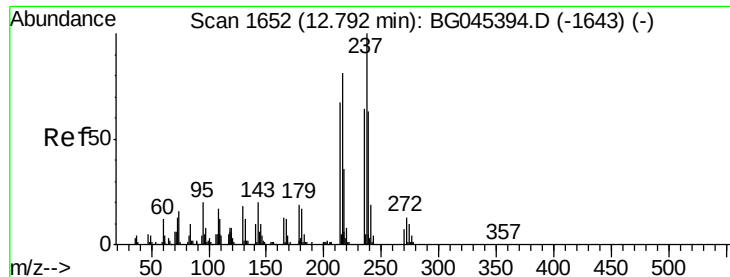
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.424 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

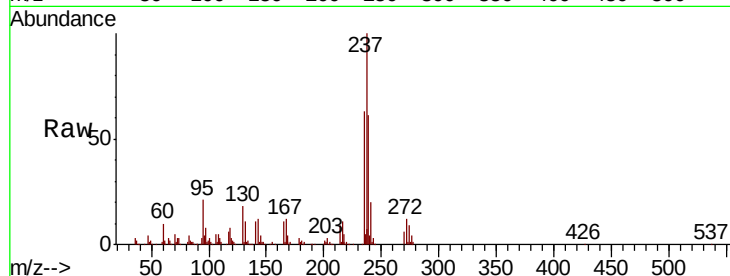
Tot Ion:237 Resp: 239472

Ion Ratio Lower Upper

237 100

235 63.0 44.4 84.4

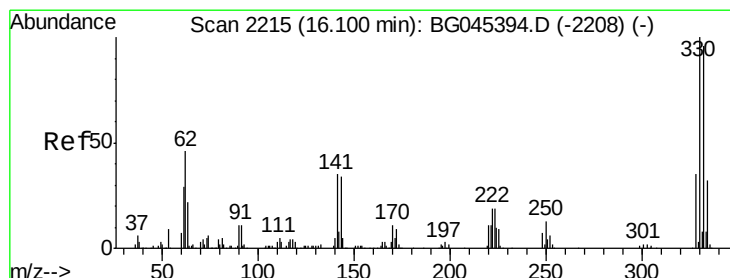
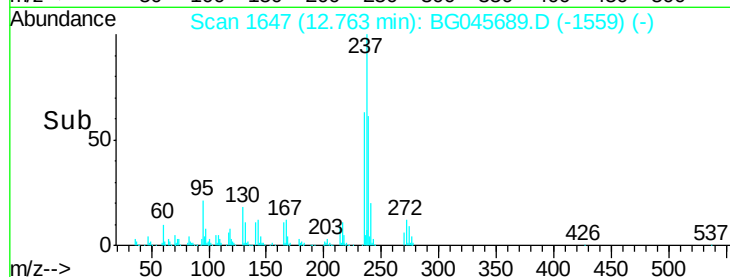
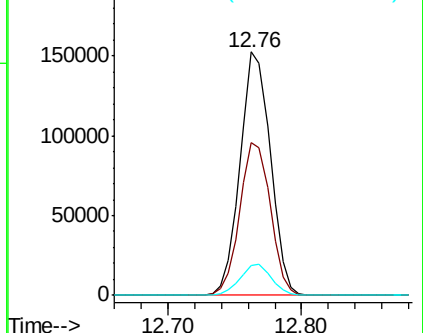
272 12.5 0.0 32.5



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: 131.814 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

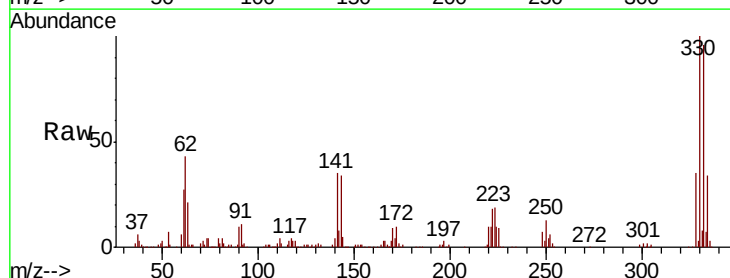
Tgt Ion:330 Resp: 280017

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

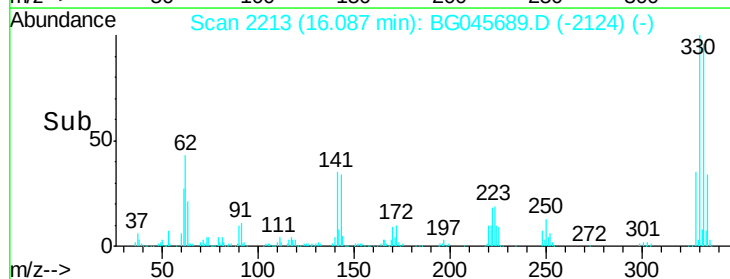
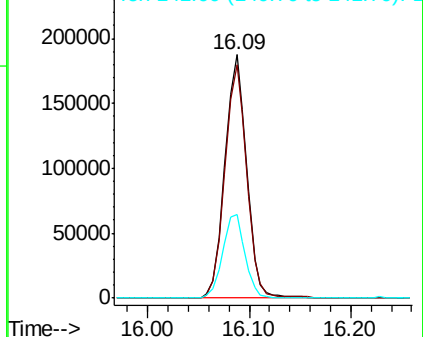
141 35.3 28.2 42.4

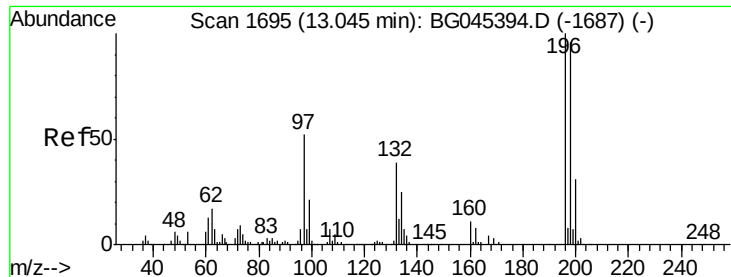


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

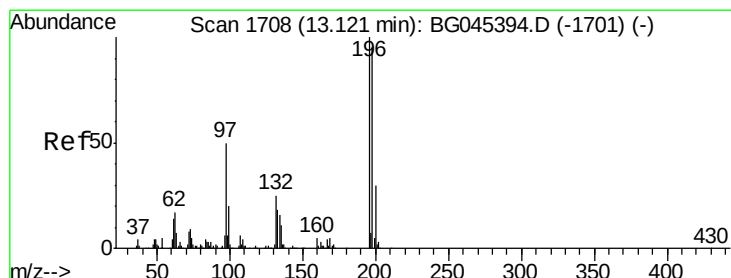
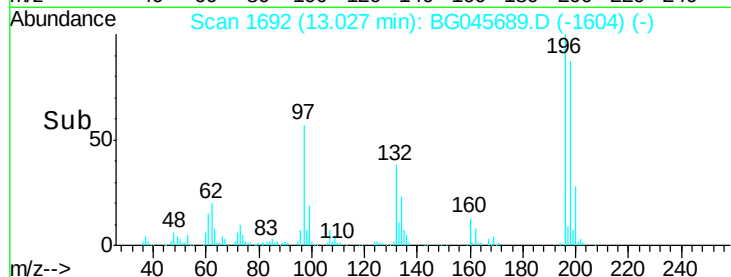
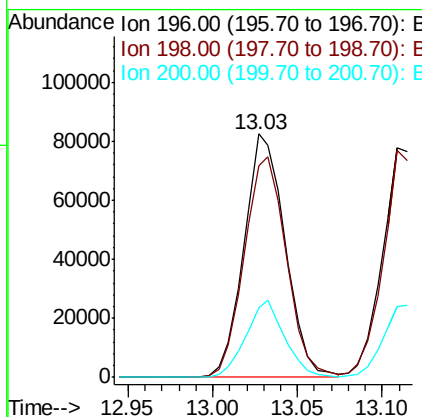
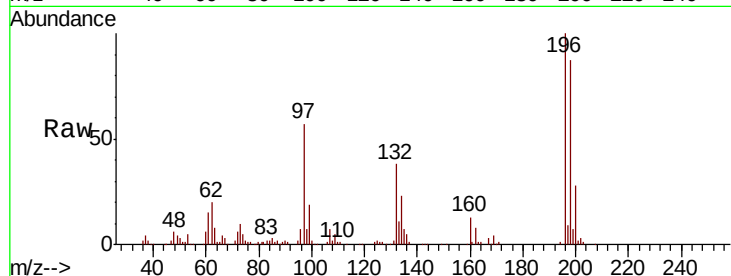




#43
 2,4,6-Trichlorophenol
 Concen: 43.258 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

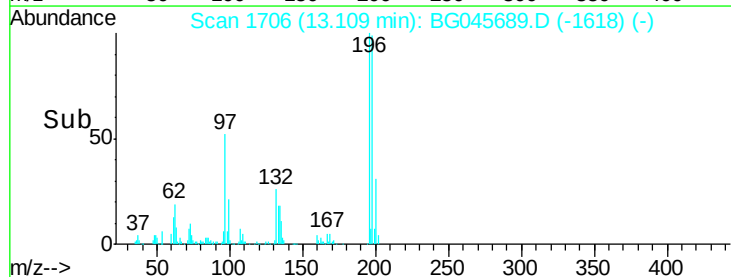
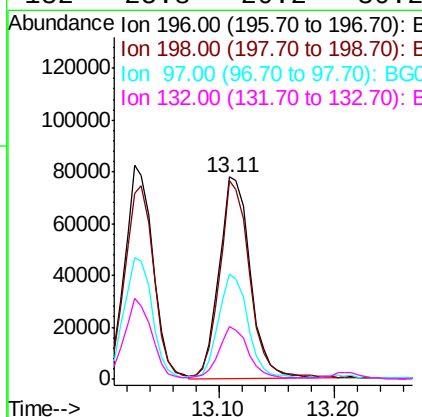
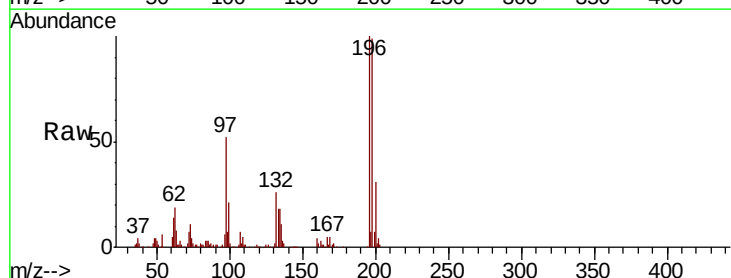
Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

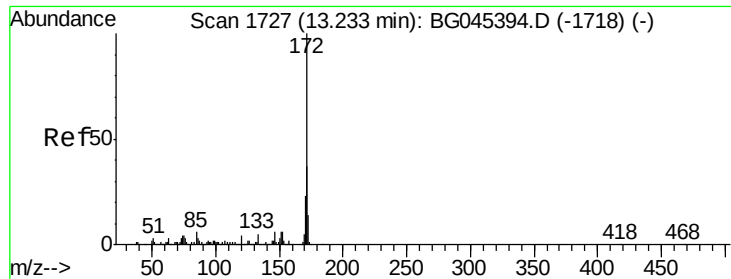
Tot Ion:196 Resp: 139419
 Ion Ratio Lower Upper
 196 100
 198 86.9 76.7 115.1
 200 28.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.264 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion:196 Resp: 144610
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.1 114.1
 97 52.3 40.0 60.0
 132 25.8 20.2 30.2

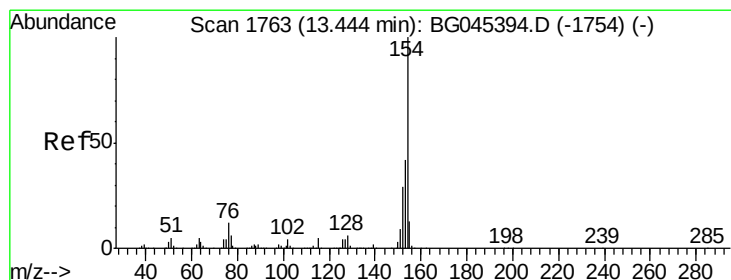
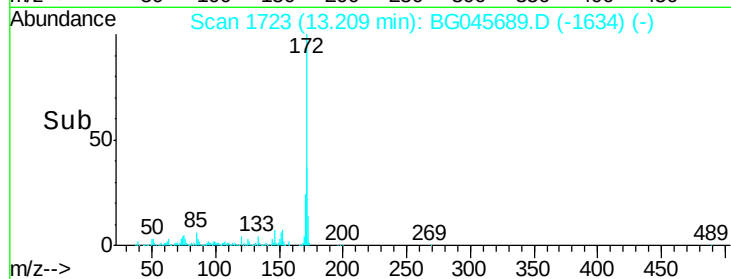
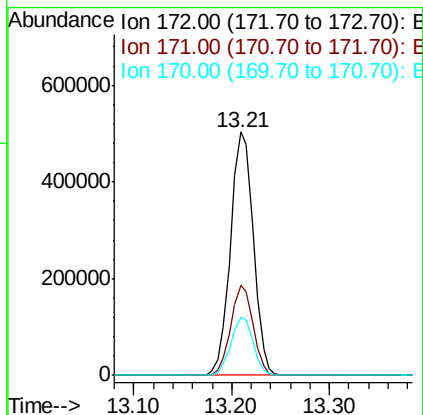
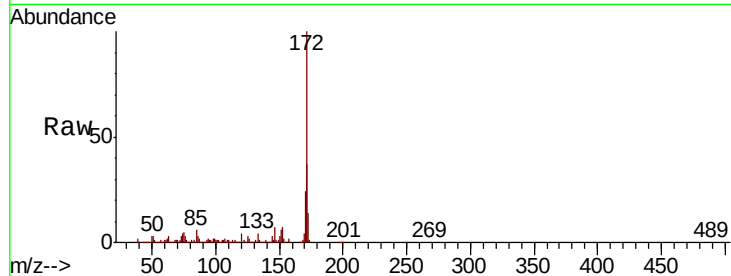




#45
2-Fluorobiphenyl
Concen: 83.306 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

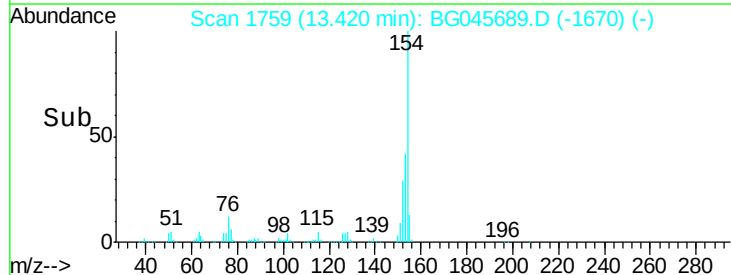
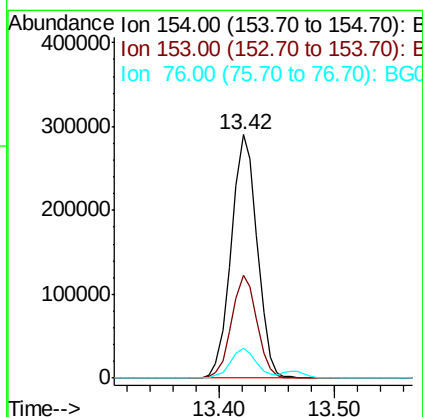
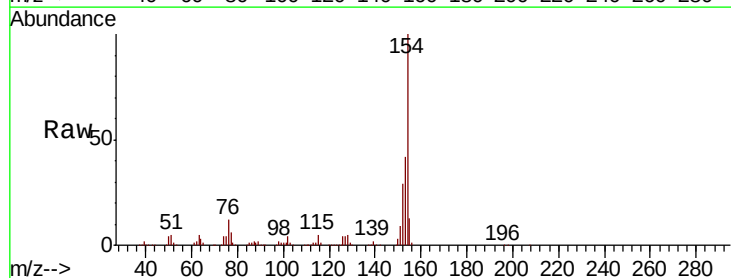
Instrument :
BNA_G
ClientSampleId :
PB129414BS

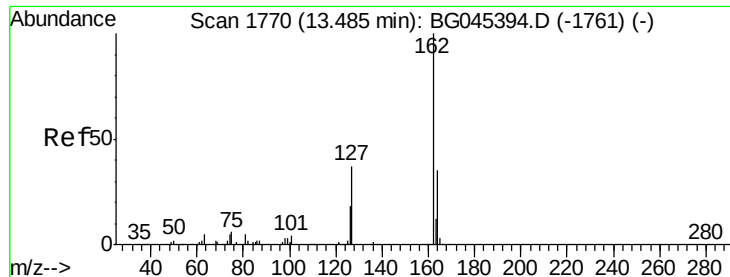
Tot Ion:172 Resp: 815805
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 23.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.124 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion:154 Resp: 450358
Ion Ratio Lower Upper
154 100
153 42.3 22.2 62.2
76 12.5 0.0 32.4

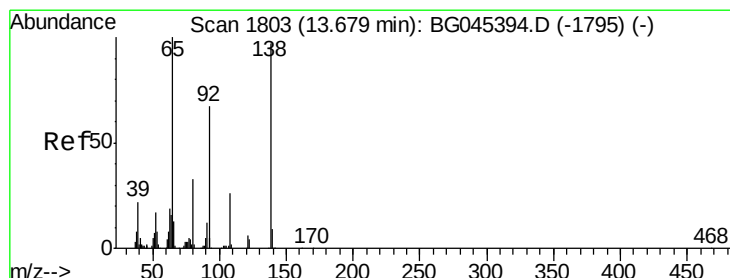
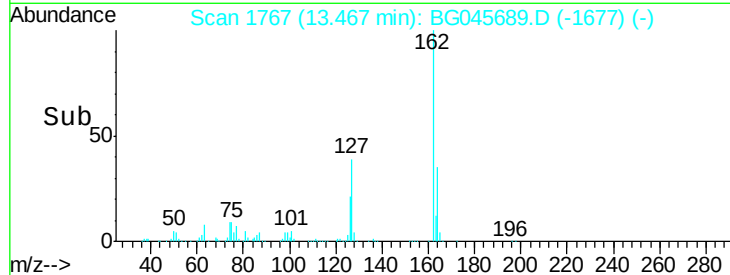
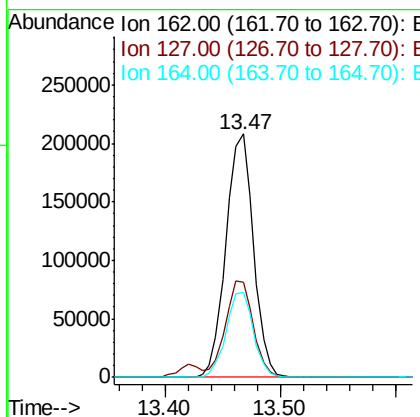
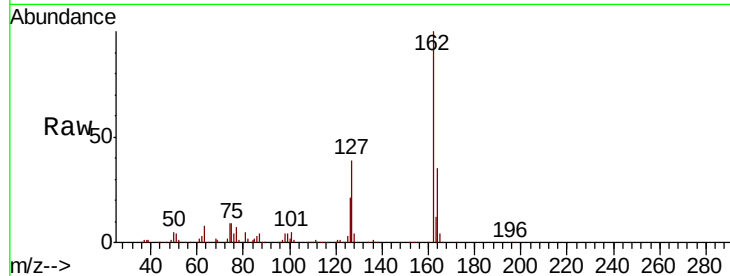




#47
 2-Chloronaphthalene
 Concen: 41.582 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

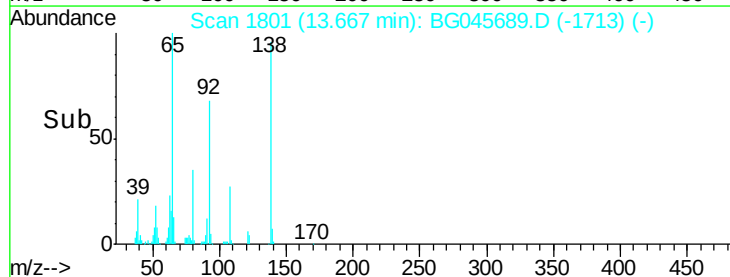
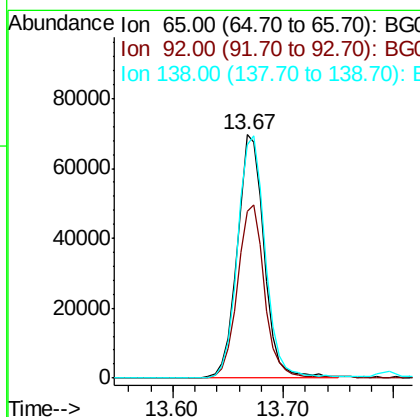
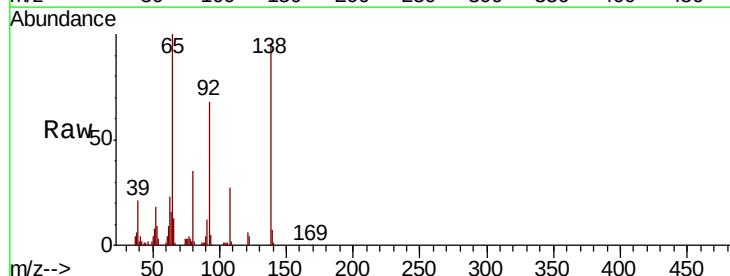
Instrument :
 BNA_G
 ClientSampled :
 PB129414BS

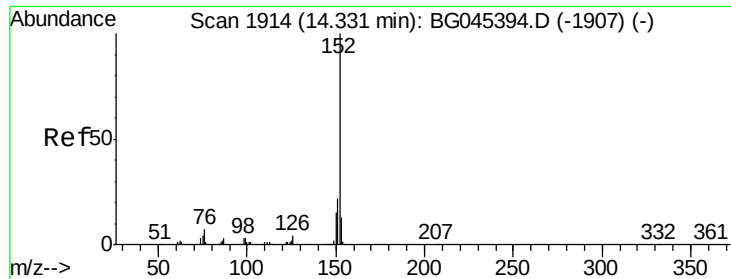
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	34.6	28.1	42.1



#48
 2-Nitroaniline
 Concen: 43.793 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.8	80.8
138	96.1	77.9	116.9





#49

Acenaphthylene

Concen: 43.542 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

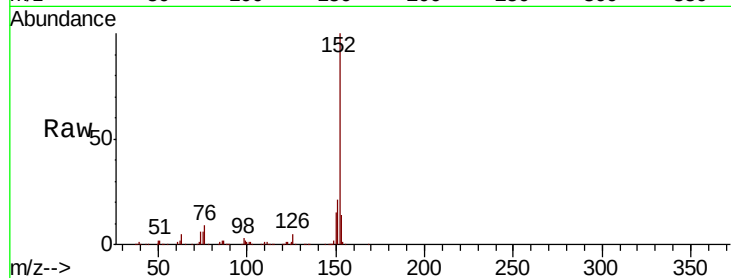
Tot Ion:152 Resp: 579665

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

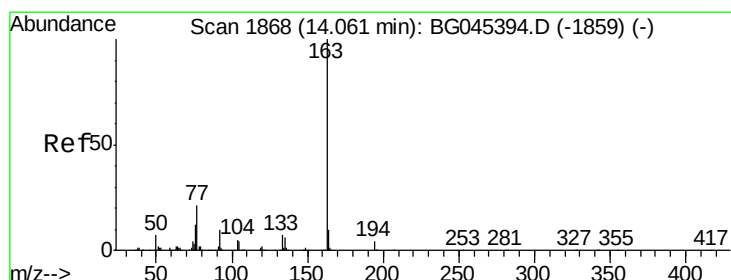
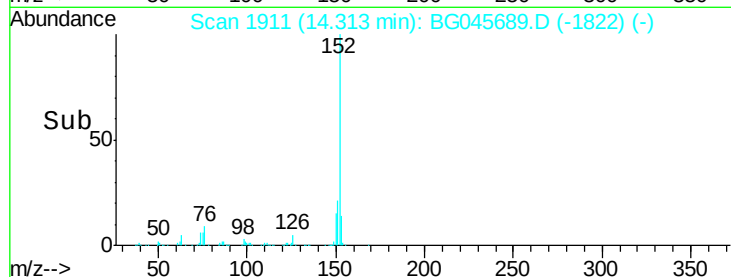
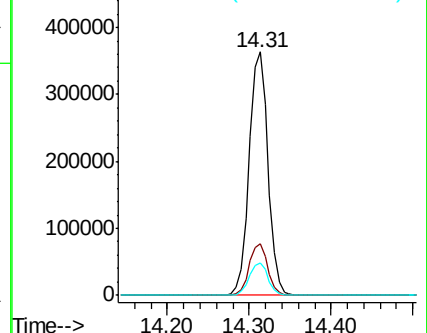
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.336 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

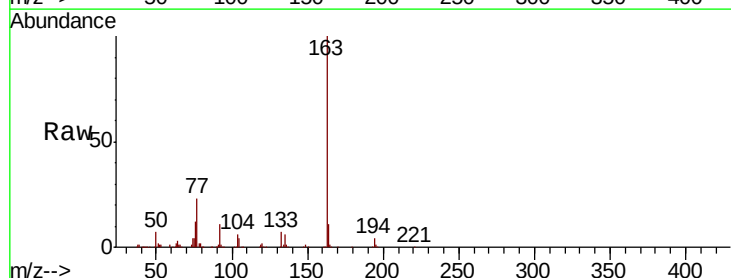
Tgt Ion:163 Resp: 493810

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

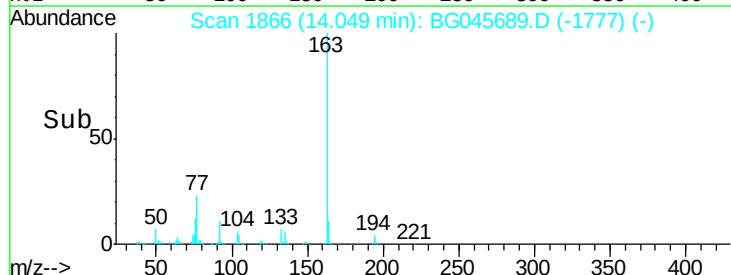
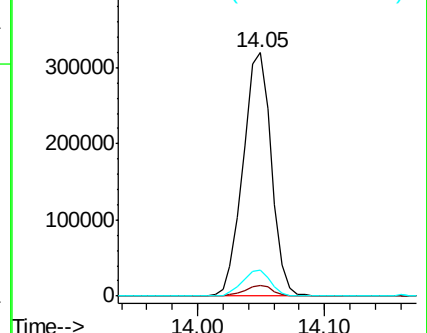
164 10.9 8.3 12.5

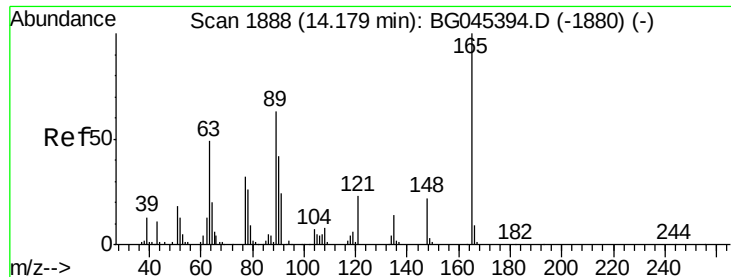


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

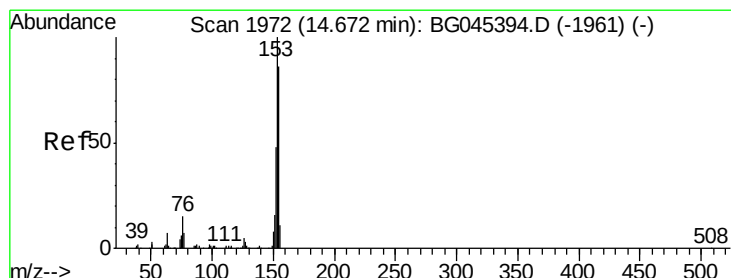
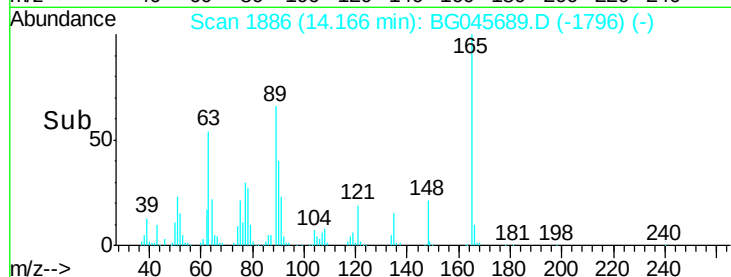
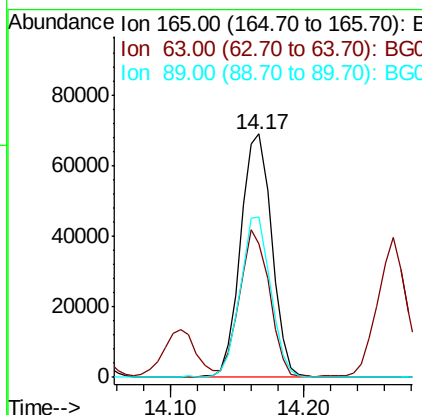
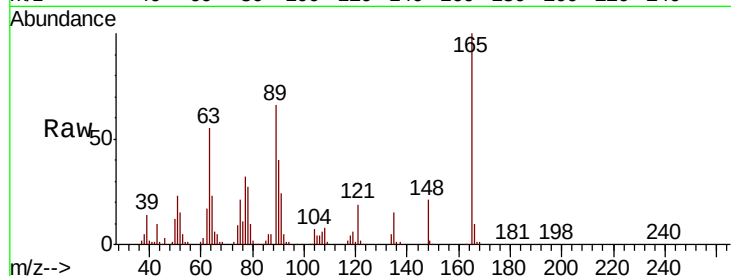




#51
2,6-Dinitrotoluene
Concen: 43.147 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

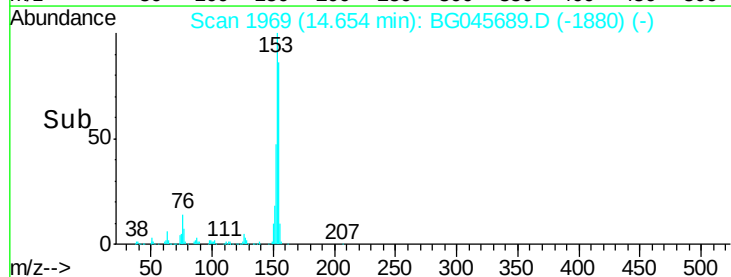
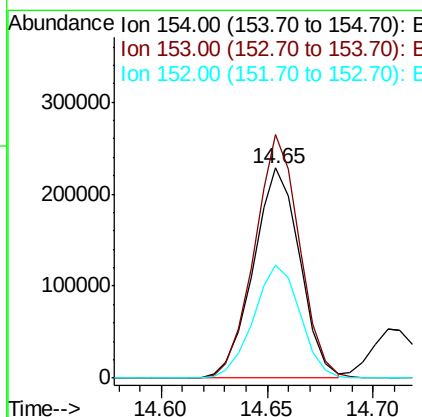
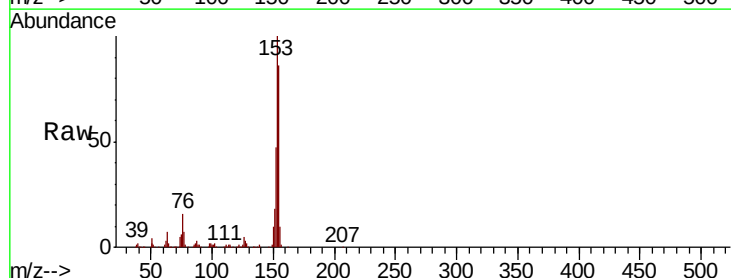
Instrument :
BNA_G
ClientSampleId :
PB129414BS

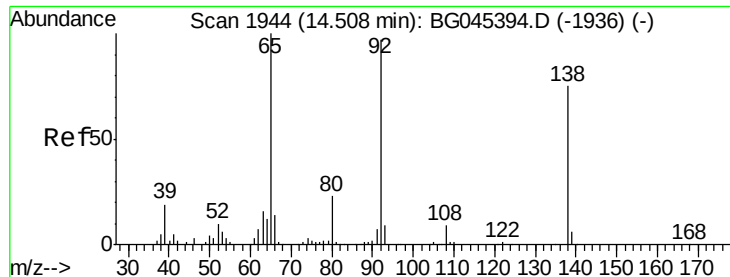
Tot Ion:165 Resp: 110943
Ion Ratio Lower Upper
165 100
63 54.9 45.0 67.4
89 65.7 50.2 75.4



#52
Acenaphthene
Concen: 39.144 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion:154 Resp: 348828
Ion Ratio Lower Upper
154 100
153 115.8 92.8 139.2
152 54.0 44.6 66.8





#53

3-Nitroaniline

Concen: 23.734 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

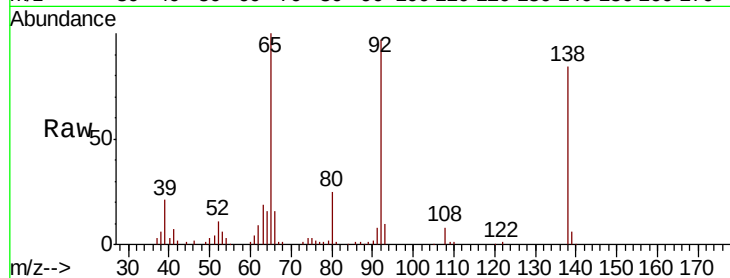
Tot Ion:138 Resp: 62036

Ion Ratio Lower Upper

138 100

108 9.7 9.8 14.6#

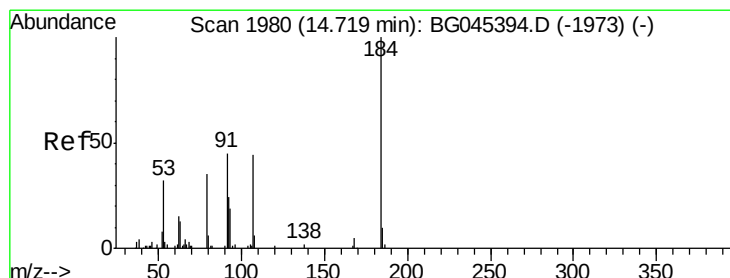
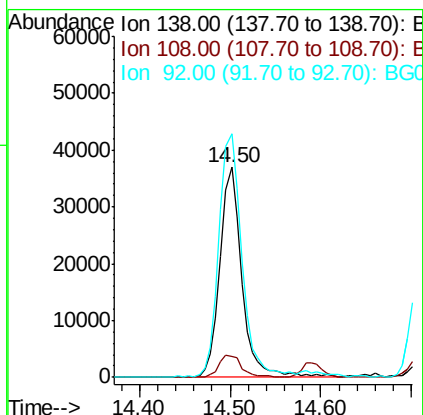
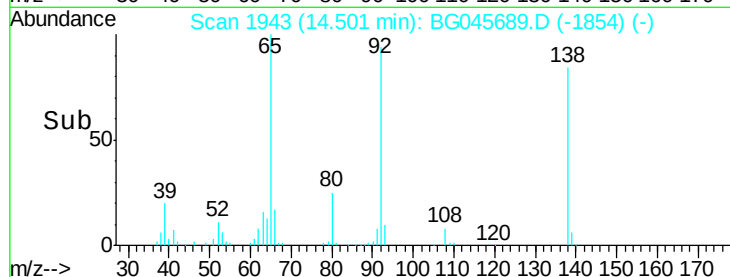
92 116.0 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.985 ng

RT: 14.71 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

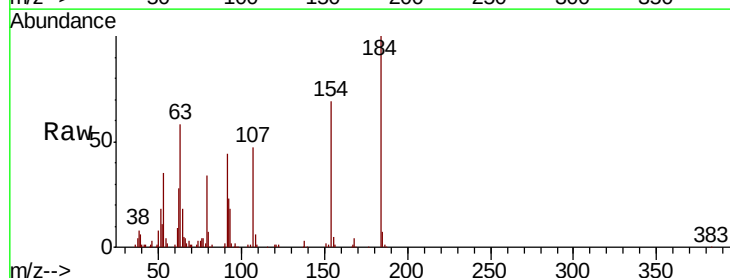
Tgt Ion:184 Resp: 129297

Ion Ratio Lower Upper

184 100

63 57.8 47.8 71.6

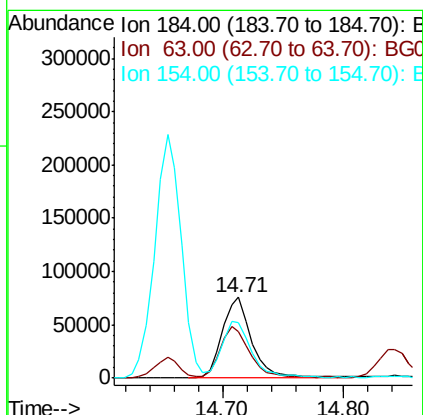
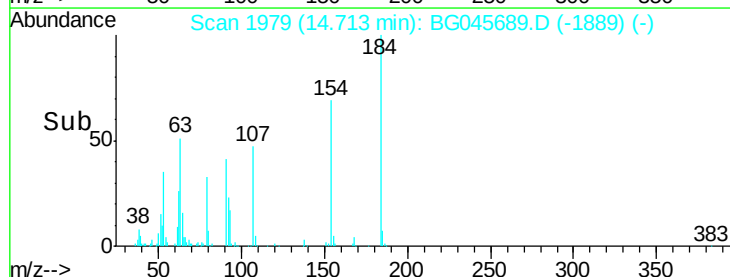
154 68.6 58.3 87.5

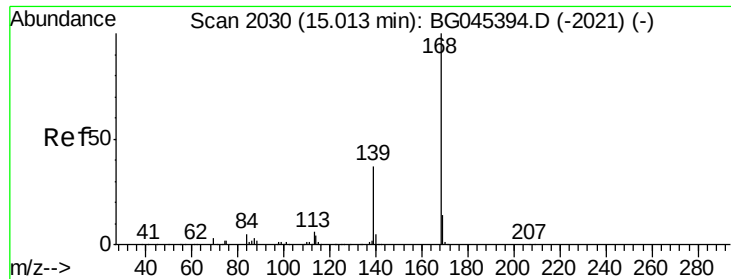


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

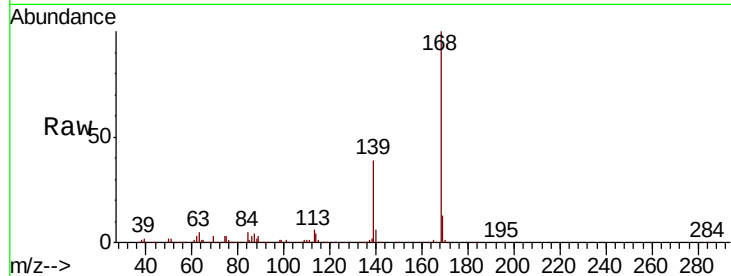




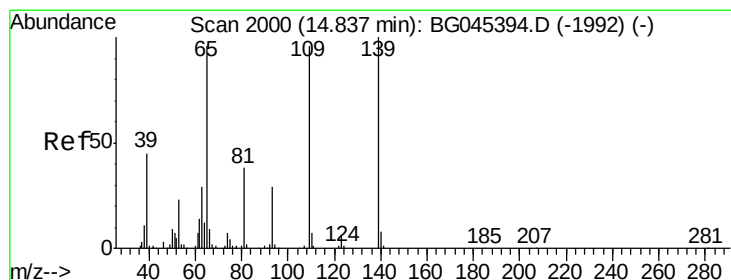
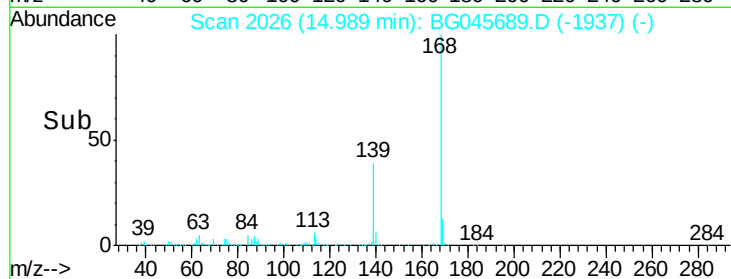
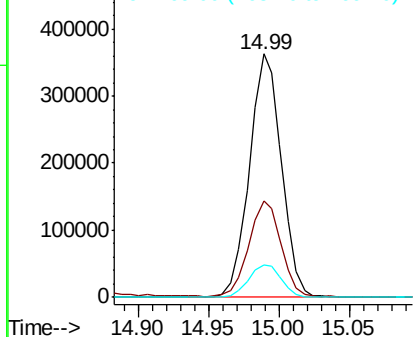
#55
Dibenzofuran
Concen: 43.467 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Instrument :
BNA_G
ClientSampleId :
PB129414BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.9	44.9
169	13.3	10.9	16.3

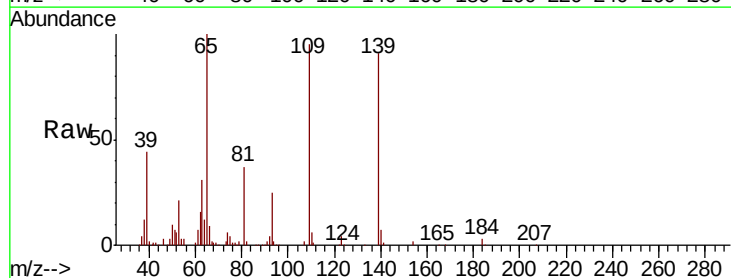


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

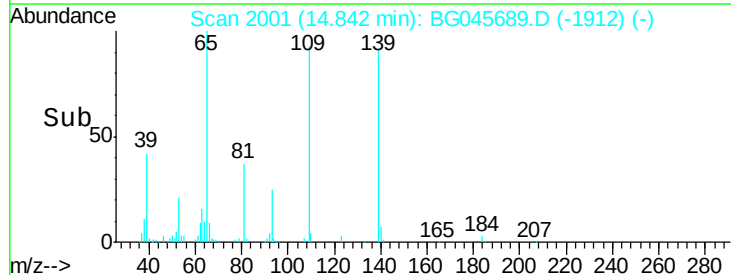
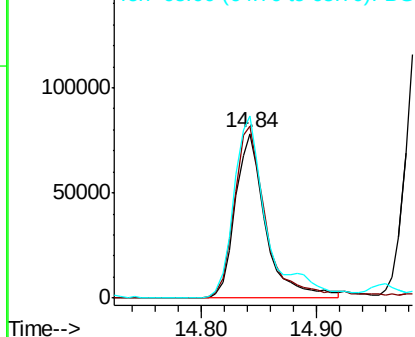


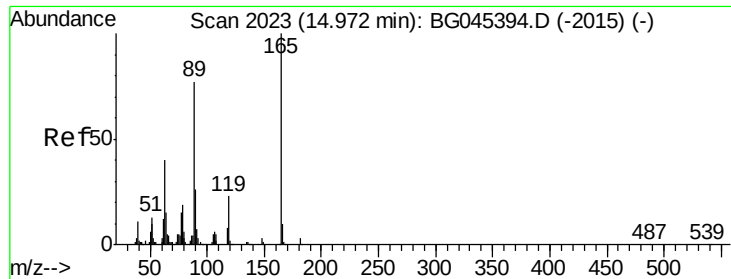
#56
4-Nitrophenol
Concen: 72.328 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.3	75.6	115.6
65	110.4	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): BGO

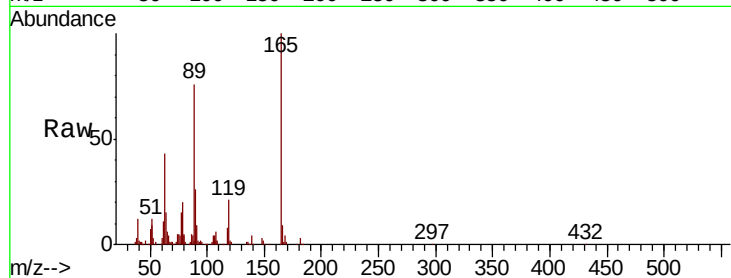




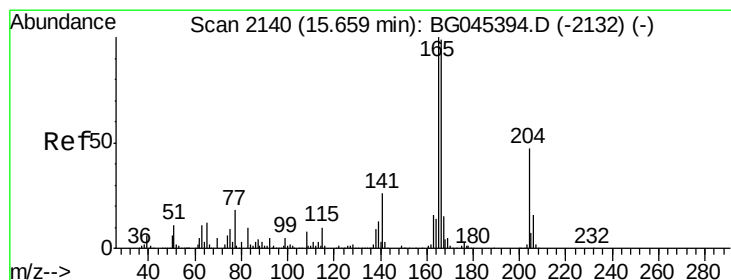
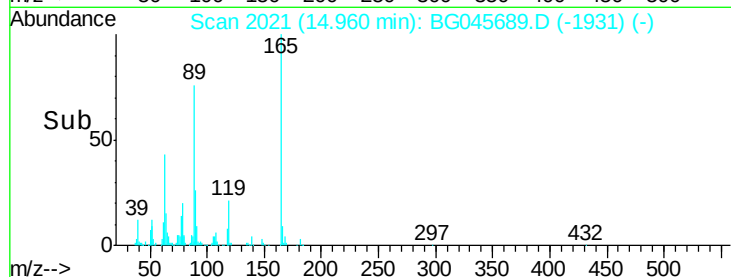
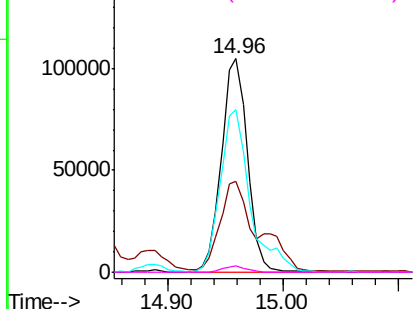
#57
 2,4-Dinitrotoluene
 Concen: 43.974 ng
 RT: 14.96 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

Tot Ion:165 Resp: 163754
 Ion Ratio Lower Upper
 165 100
 63 42.8 32.5 48.7
 89 76.1 61.8 92.6
 182 3.0 2.3 3.5

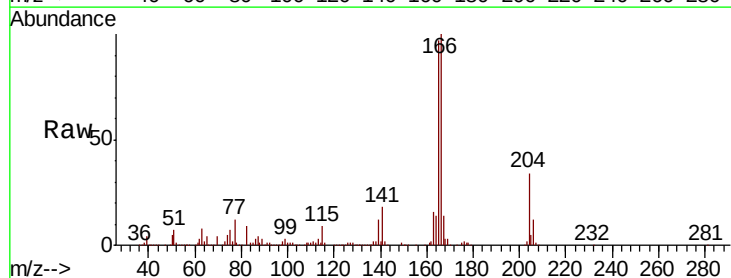


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

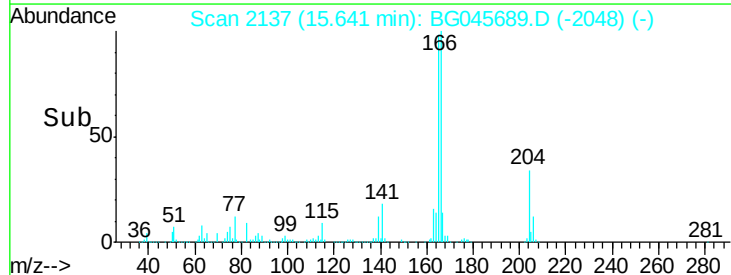
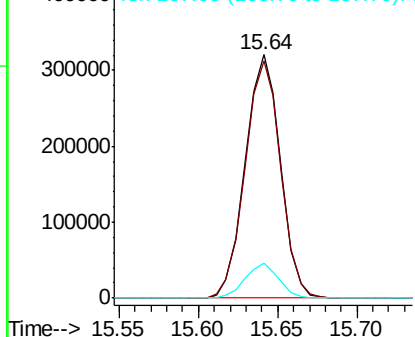


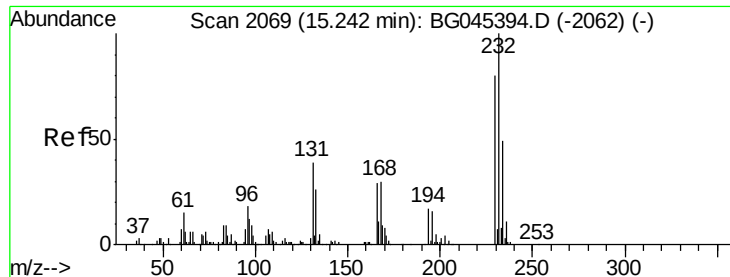
#58
 Fluorene
 Concen: 45.363 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion:166 Resp: 493181
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.8 121.2
 167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

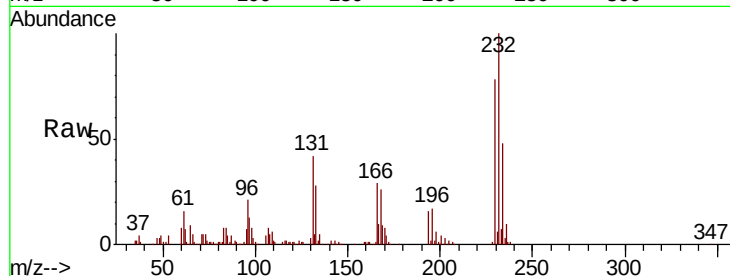




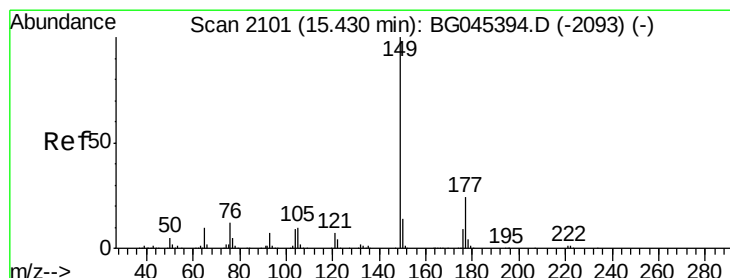
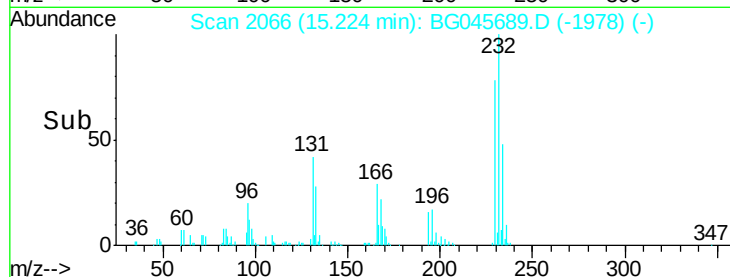
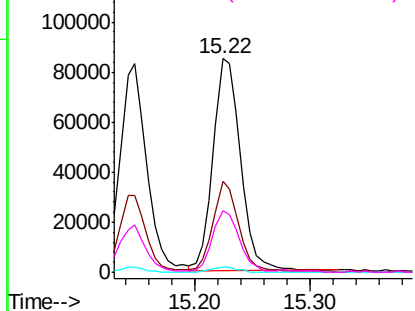
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.508 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

Tot Ion:	232	Resp:	140978
Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.7	50.5
130	2.5	2.1	3.1
166	27.2	23.2	34.8

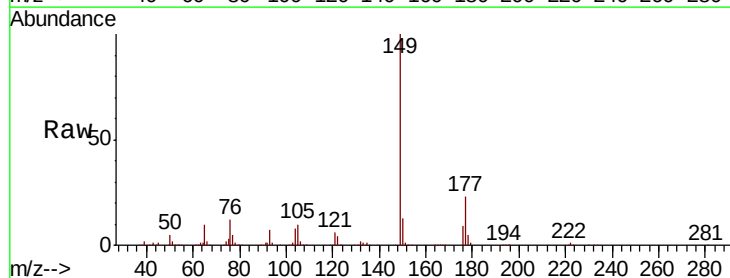


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

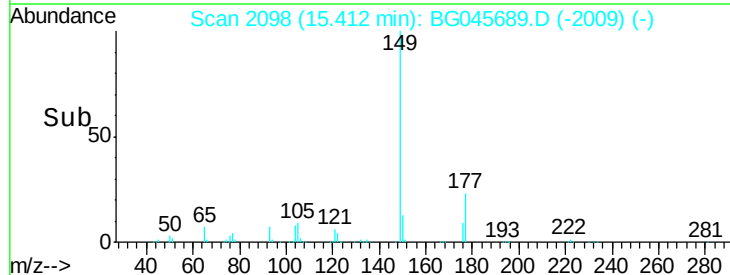
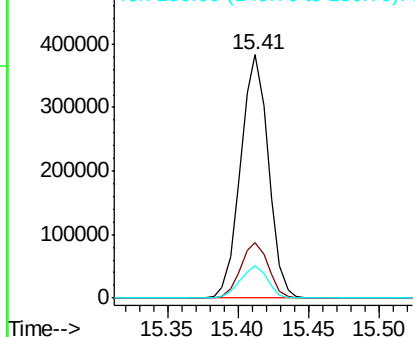


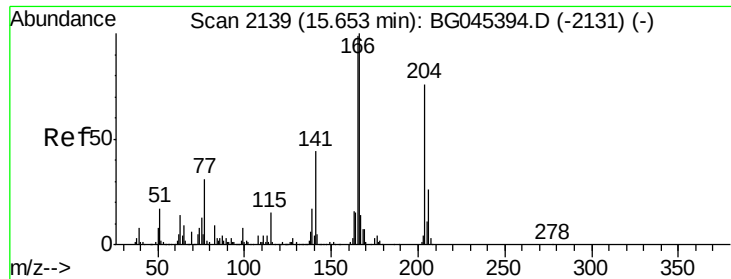
#60
 Diethylphthalate
 Concen: 44.525 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion:	149	Resp:	528080
Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.0	28.4
150	13.4	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

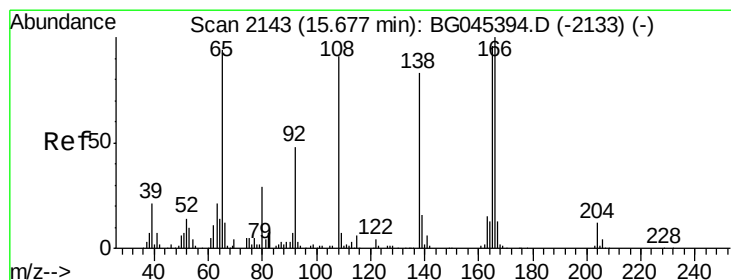
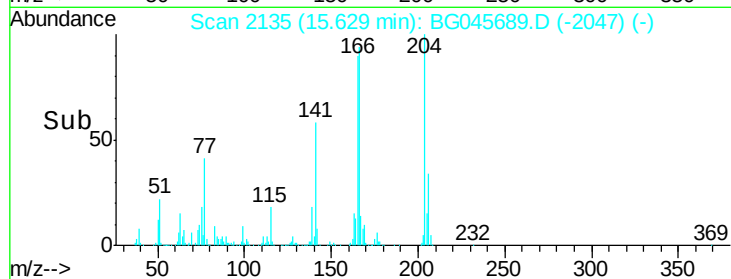
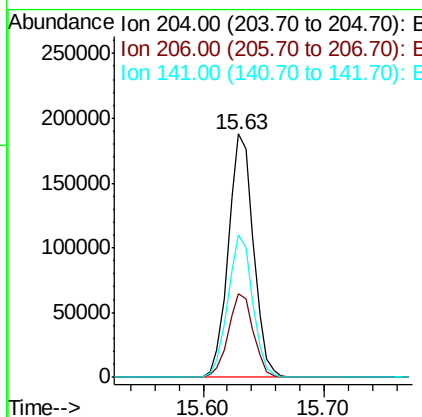
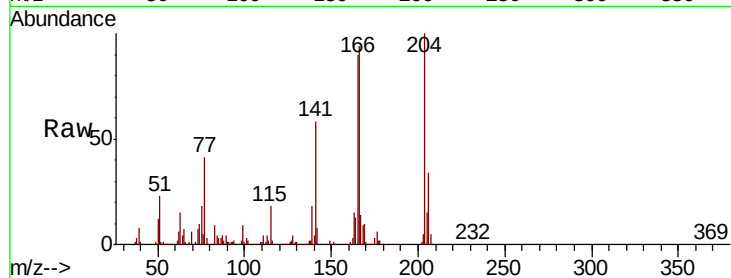




#61
4-Chlorophenyl-phenylether
Concen: 43.624 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

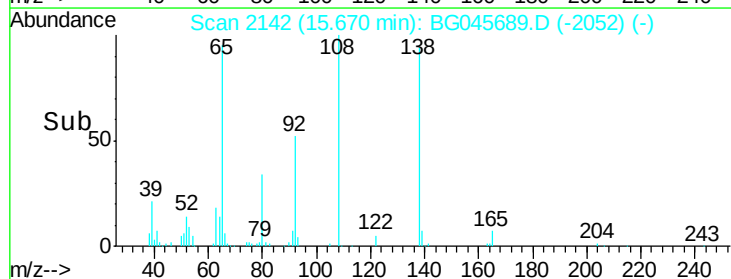
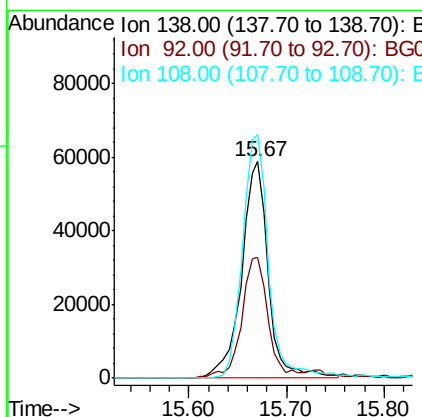
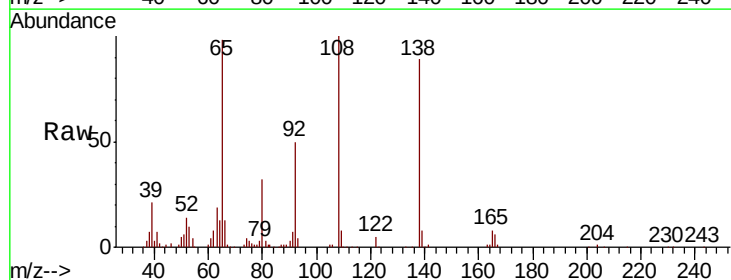
Instrument :
BNA_G
ClientSampleId :
PB129414BS

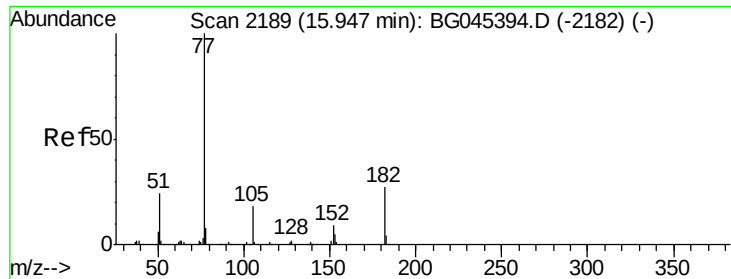
Tot Ion:204 Resp: 271399
Ion Ratio Lower Upper
204 100
206 34.2 27.3 40.9
141 58.4 45.9 68.9



#62
4-Nitroaniline
Concen: 41.057 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion:138 Resp: 112032
Ion Ratio Lower Upper
138 100
92 55.7 38.0 78.0
108 112.4 89.3 129.3





#63

Azobenzene

Concen: 45.917 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

Tot Ion: 77 Resp: 507794

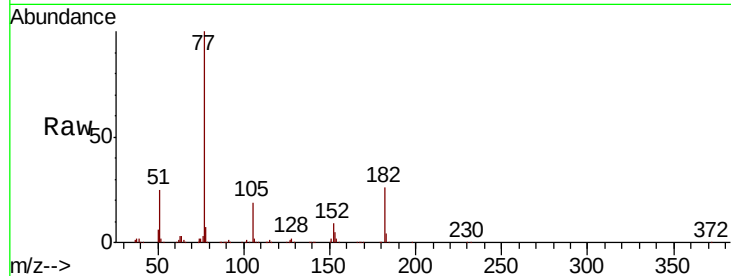
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 18.5 0.0 37.9

51 25.3 4.1 44.1

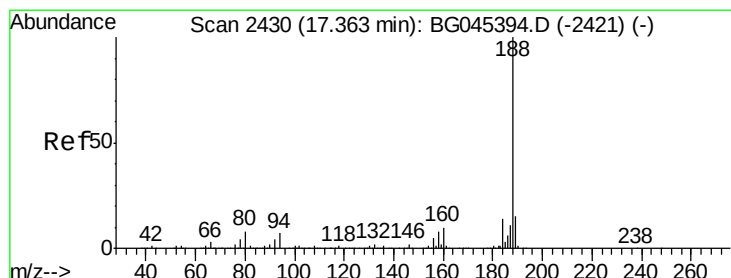
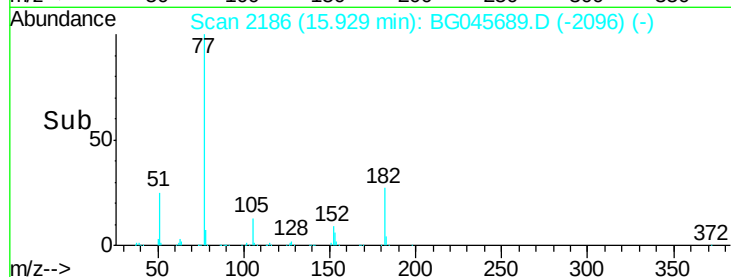
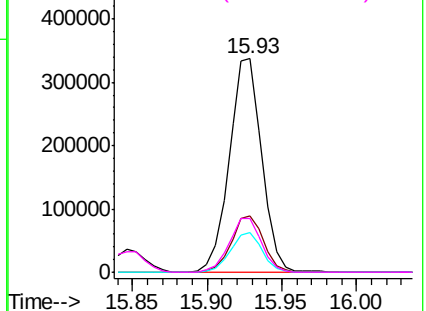


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

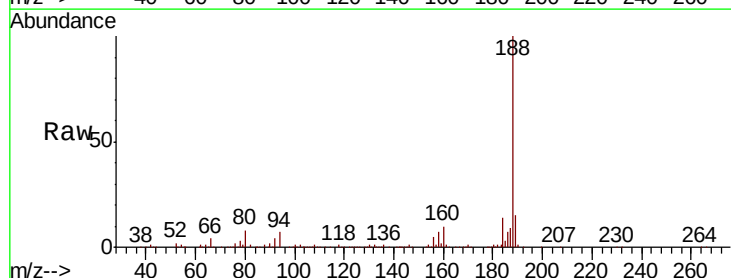
Tgt Ion: 188 Resp: 404094

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

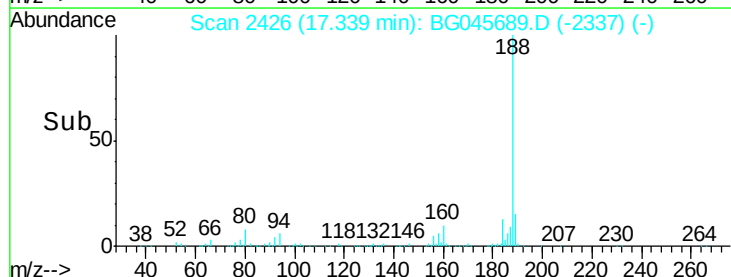
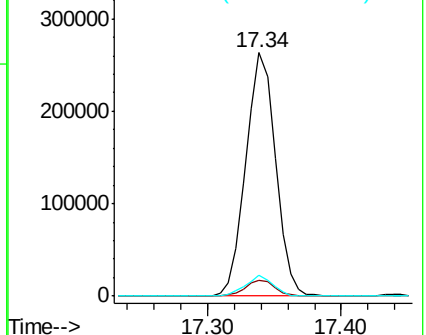
80 8.4 6.6 10.0

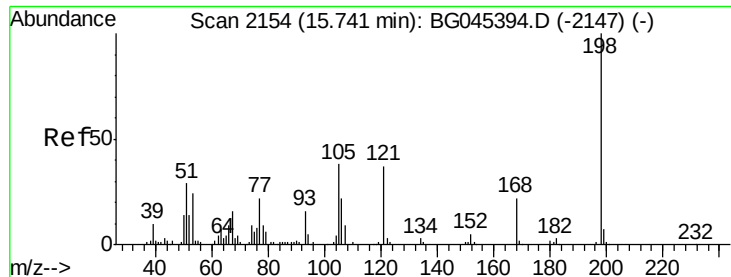


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

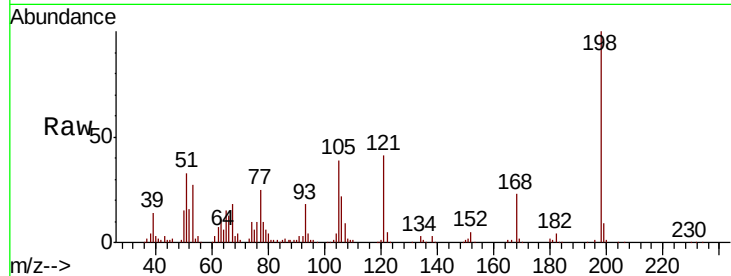




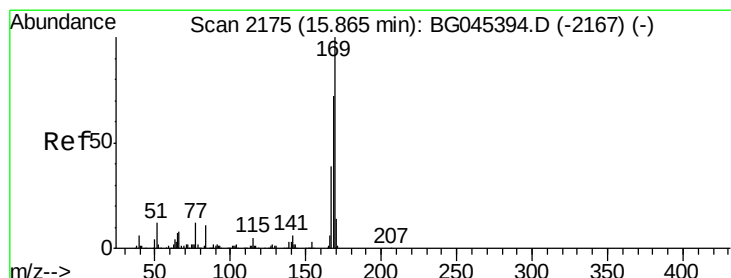
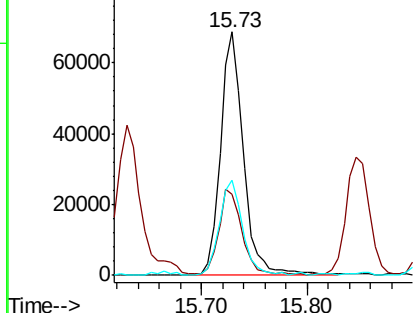
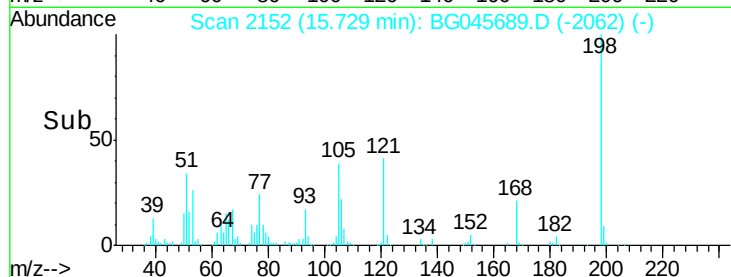
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.064 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

Tot Ion	198	Resp	103701
Ion Ratio	100	Lower	Upper
51	33.4	10.0	50.0
105	39.0	18.9	58.9

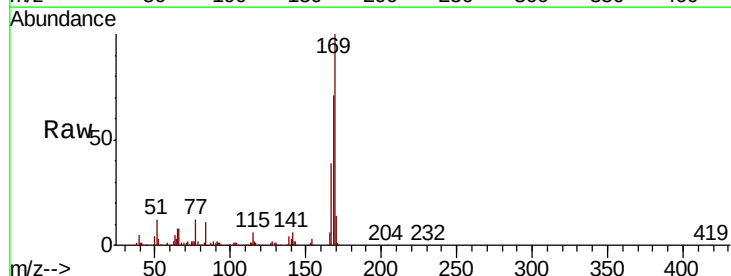


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

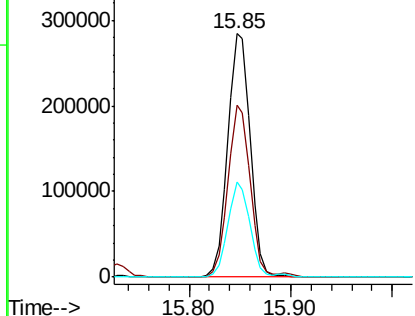
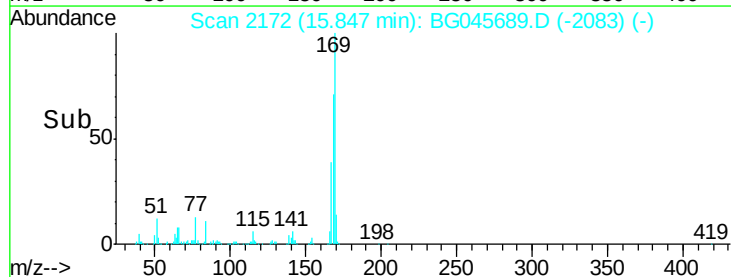


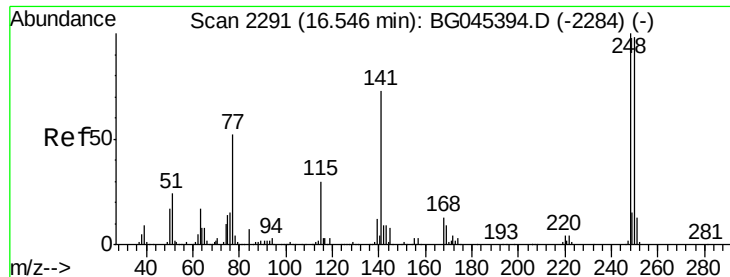
#66
 n-Nitrosodiphenylamine
 Concen: 45.190 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	169	Resp	438442
Ion Ratio	100	Lower	Upper
168	70.8	57.8	86.6
167	39.1	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

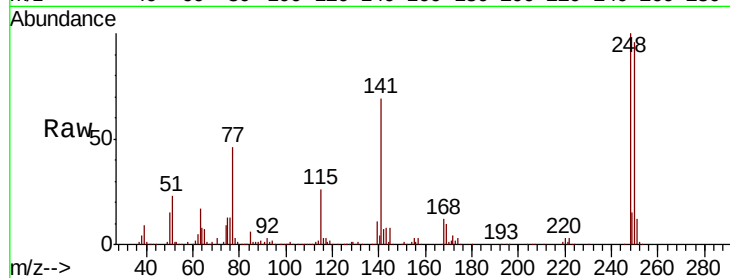




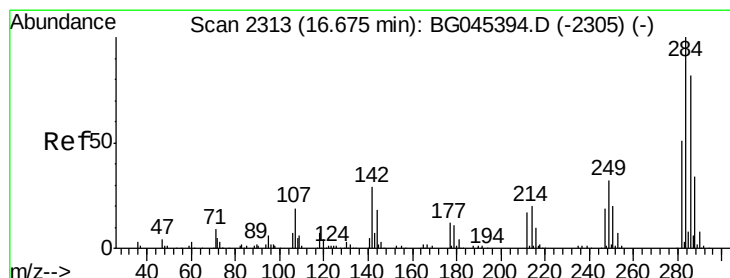
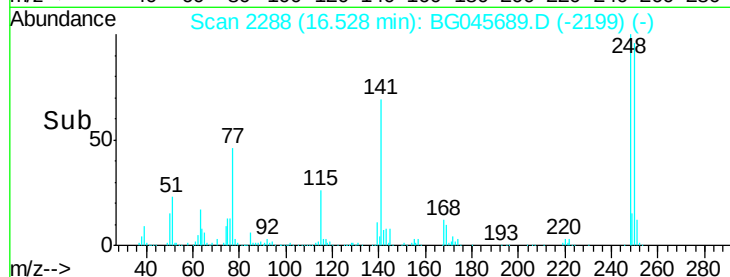
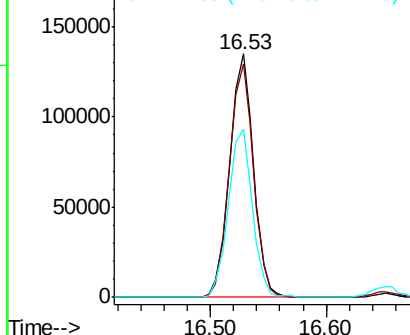
#67
 4-Bromophenyl-phenylether
 Concen: 43.867 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

Tot Ion:248 Resp: 191949
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.6 117.8
 141 69.1 58.2 87.2

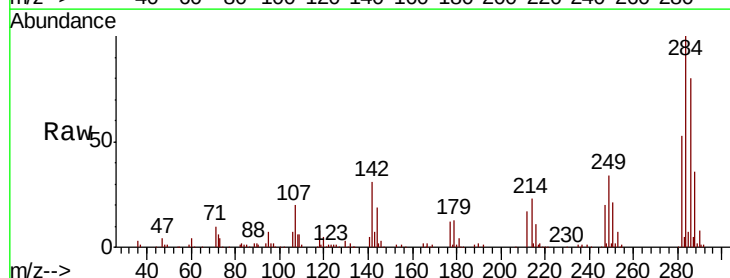


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

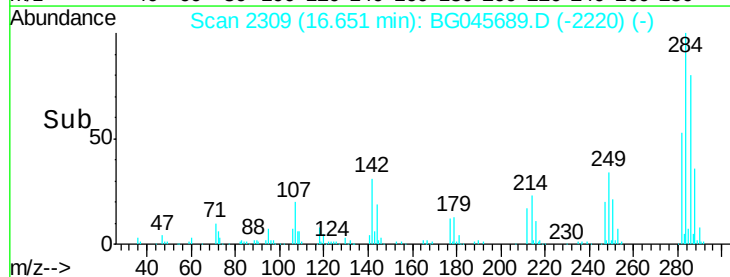
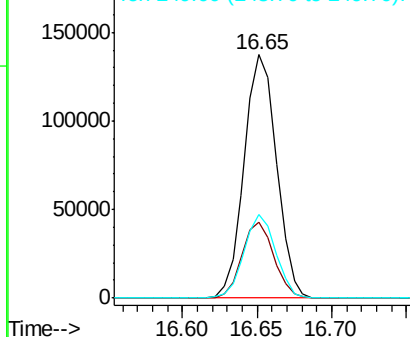


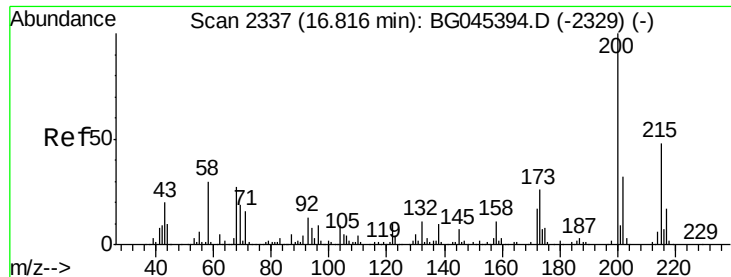
#68
 Hexachlorobenzene
 Concen: 45.048 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion:284 Resp: 206167
 Ion Ratio Lower Upper
 284 100
 142 31.4 23.0 34.6
 249 34.2 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





#69

Atrazine

Concen: 42.590 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

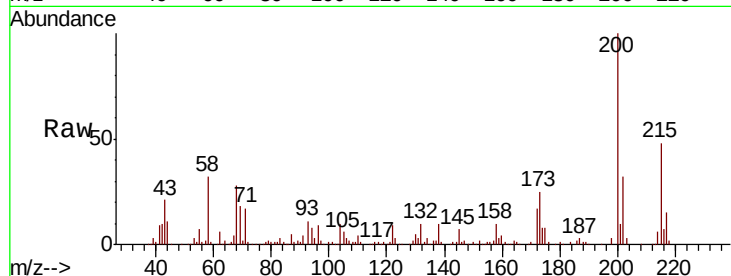
Tot Ion:200 Resp: 170201

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

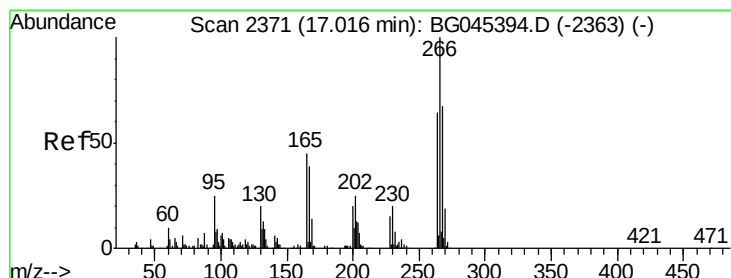
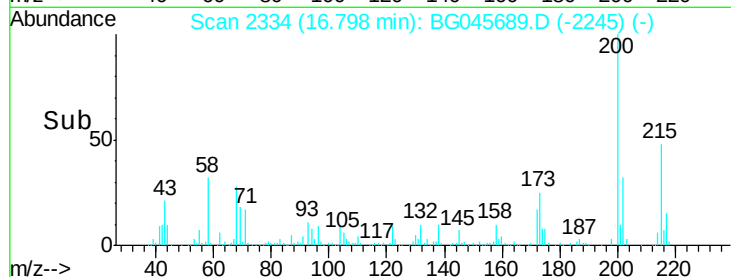
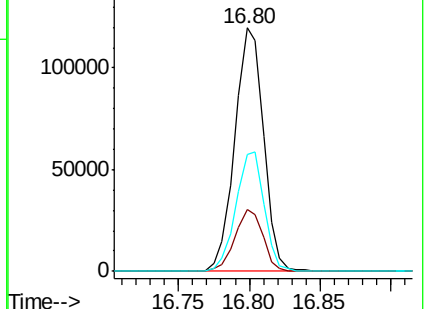
215 48.0 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.056 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

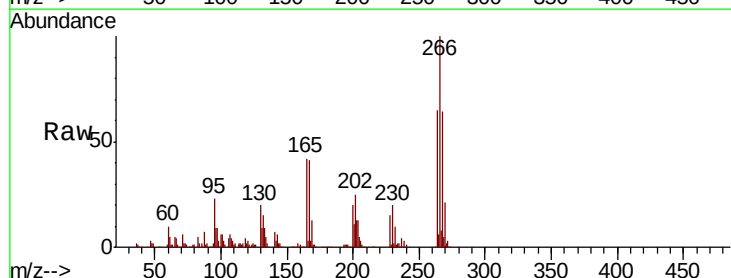
Tgt Ion:266 Resp: 185489

Ion Ratio Lower Upper

266 100

268 64.0 53.2 79.8

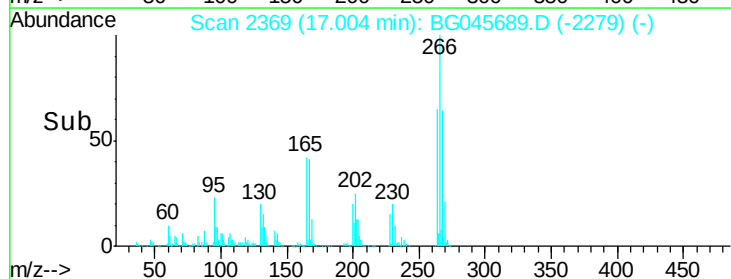
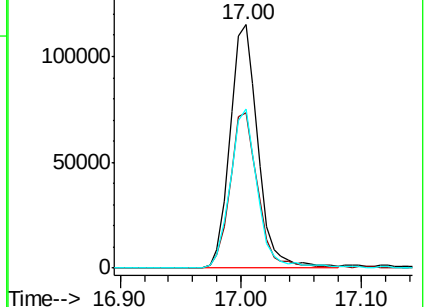
264 65.5 51.0 76.4

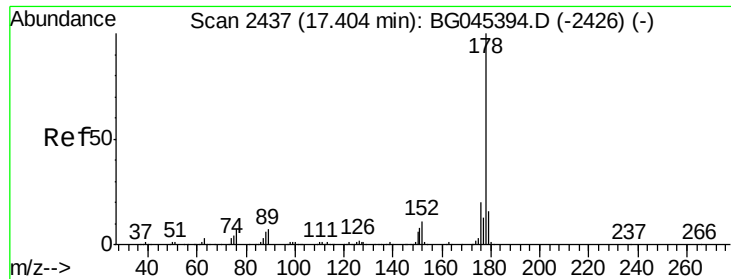


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

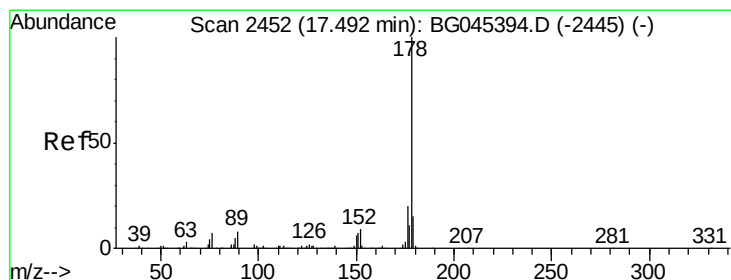
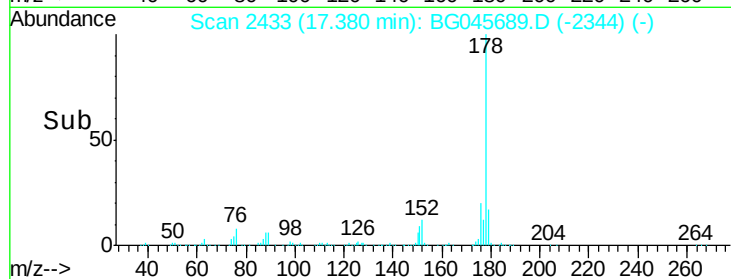
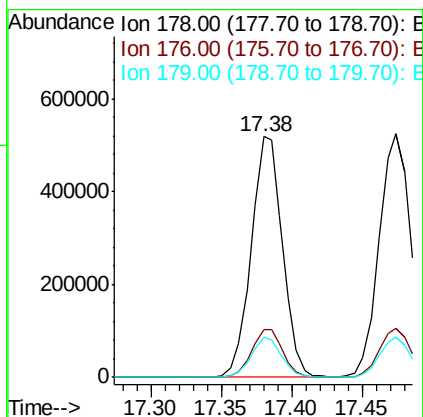
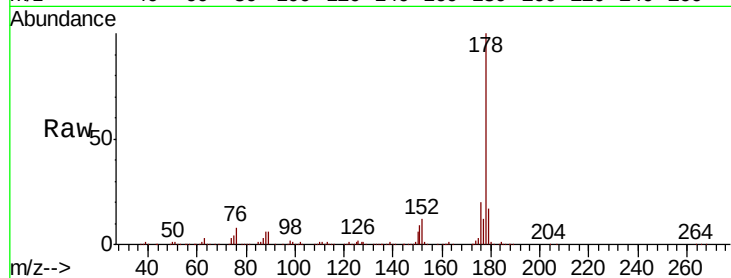




#71
 Phenanthrene
 Concen: 45.768 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

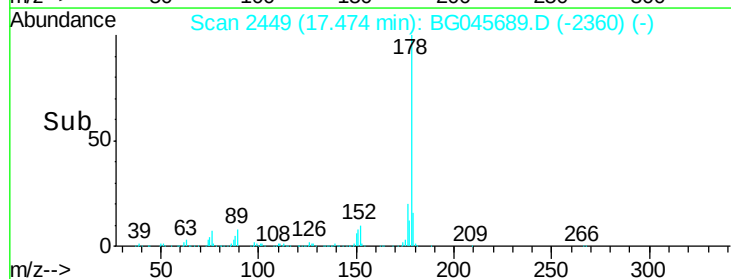
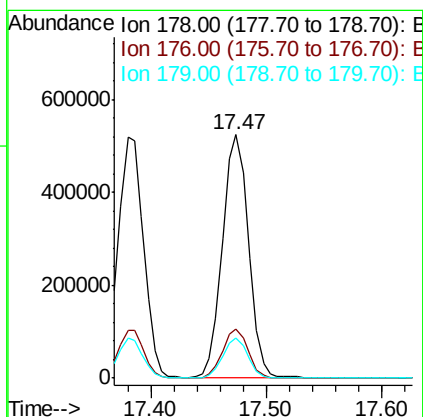
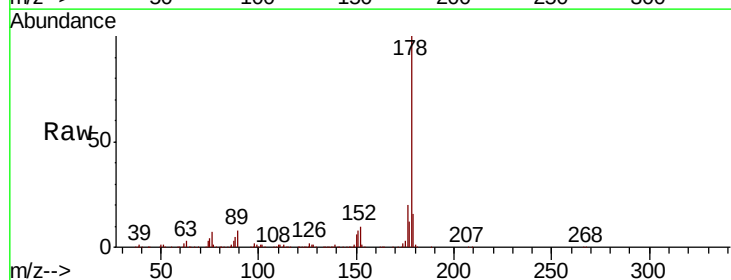
Instrument :
 BNA_G
 ClientSampleId :
 PB129414BS

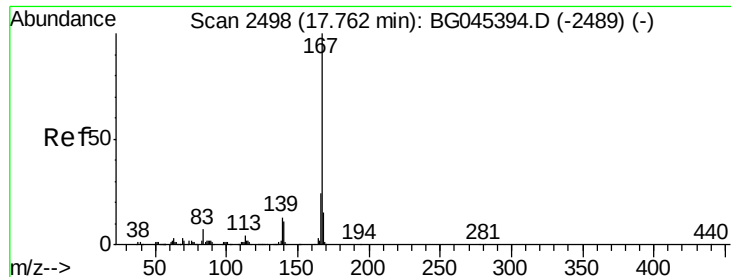
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.7	13.1	19.7



#72
 Anthracene
 Concen: 46.400 ng
 RT: 17.47 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG045689.D
 Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.4	12.2	18.4





#73

Carbazole

Concen: 43.319 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

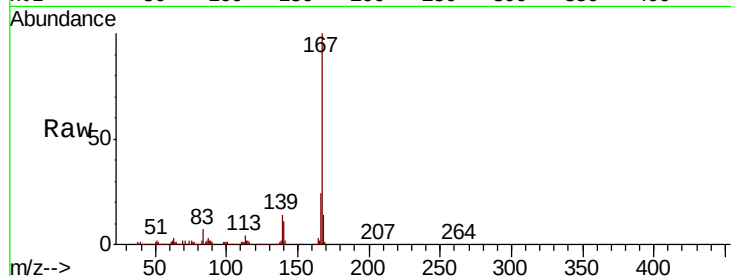
Tot Ion:167 Resp: 748045

Ion Ratio Lower Upper

167 100

166 23.9 19.2 28.8

139 13.7 10.6 16.0



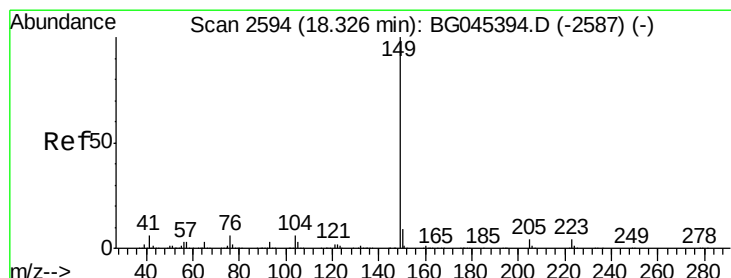
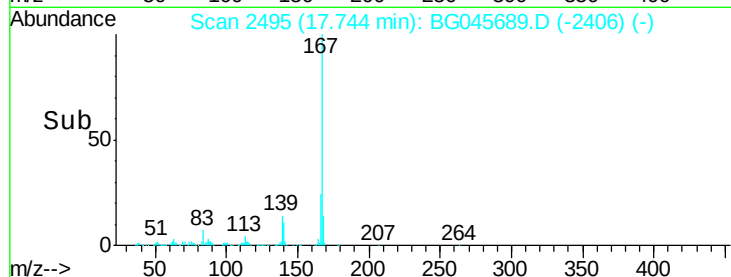
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.74

Time--> 17.60 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 43.458 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

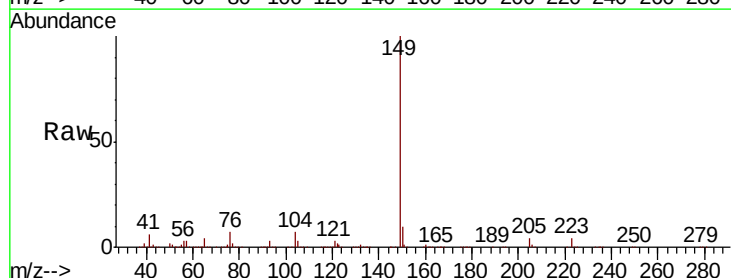
Tgt Ion:149 Resp: 900737

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 6.6 5.0 7.4



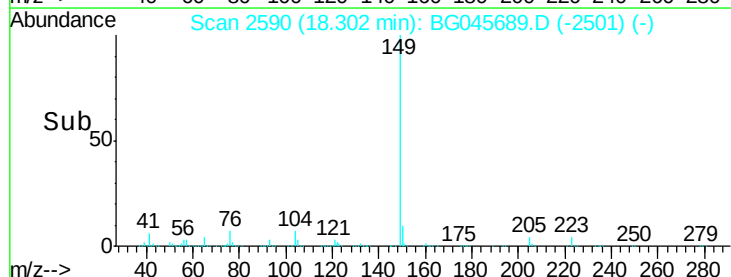
Abundance Ion 149.00 (148.70 to 149.70): E

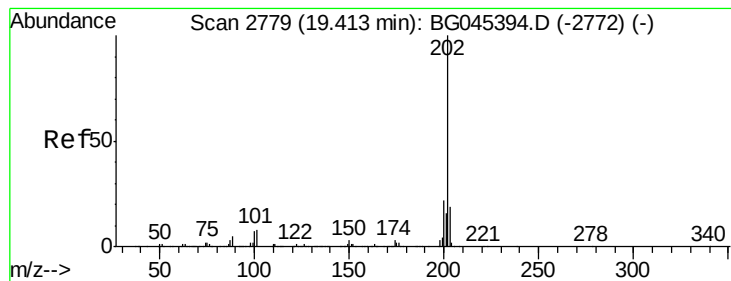
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.30

Time--> 18.20 18.30 18.40





#75

Fluoranthene

Concen: 44.635 ng

RT: 19.39 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

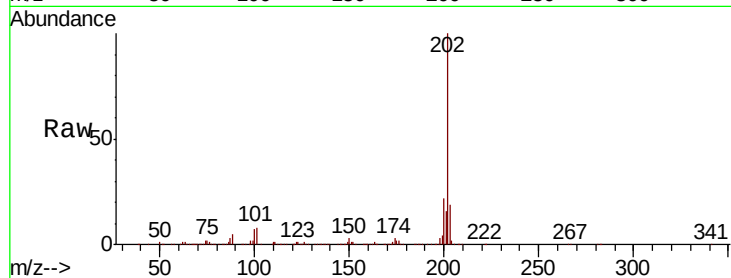
Tot Ion:202 Resp: 1001535

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.3

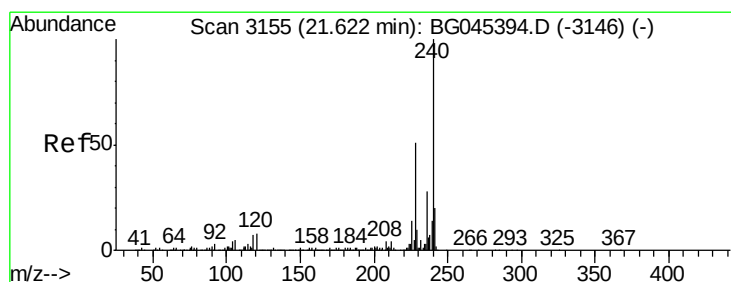
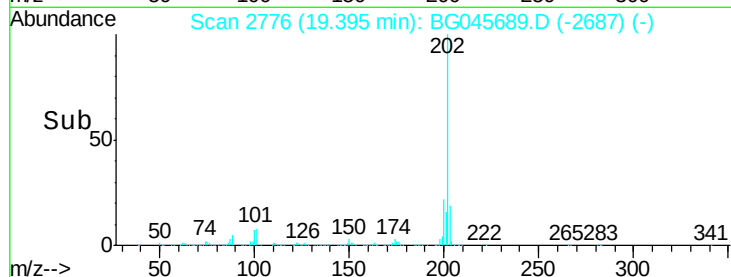
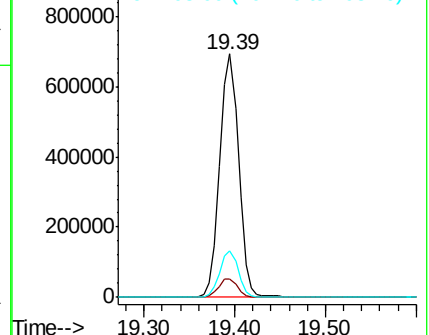
203 18.9 0.0 39.0



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: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

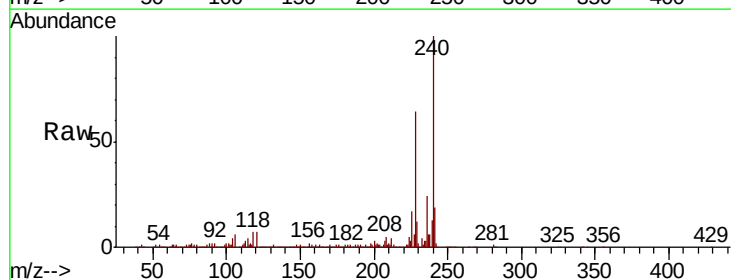
Tgt Ion:240 Resp: 376578

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

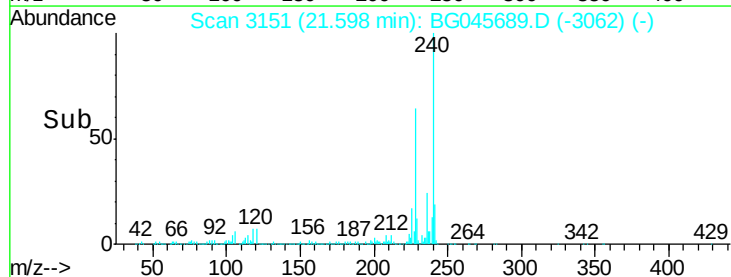
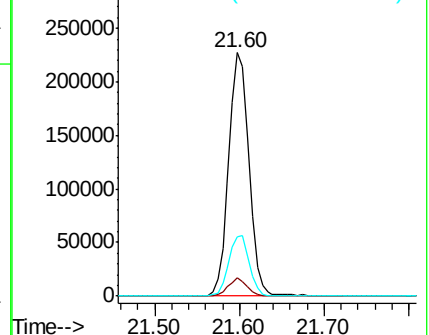
236 24.2 22.3 33.5

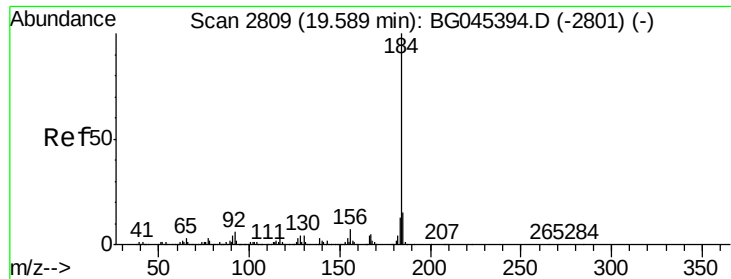


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.718 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

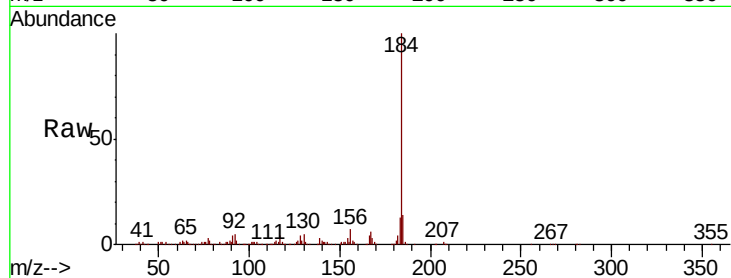
Tot Ion:184 Resp: 409501

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

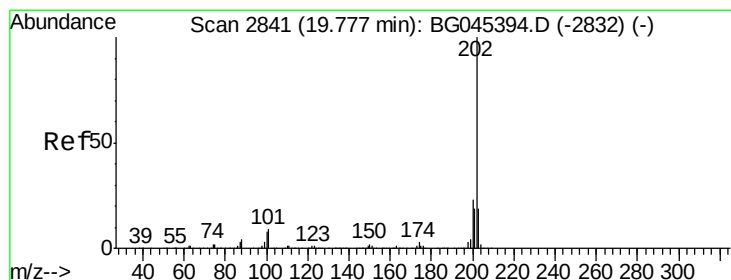
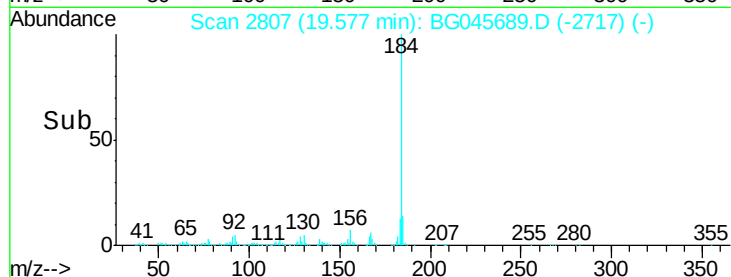
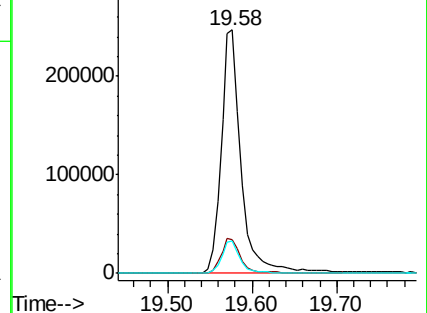
183 13.1 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.160 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

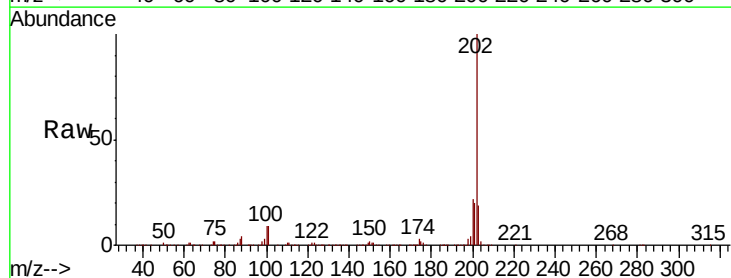
Tgt Ion:202 Resp: 990890

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

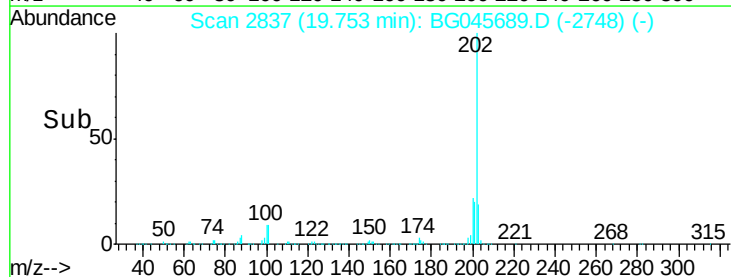
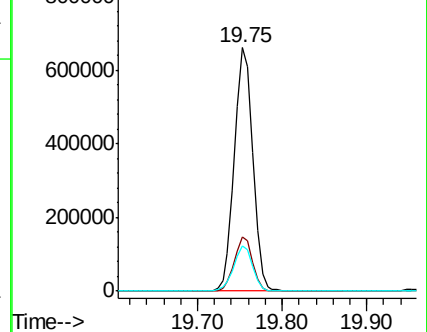
203 18.7 15.1 22.7

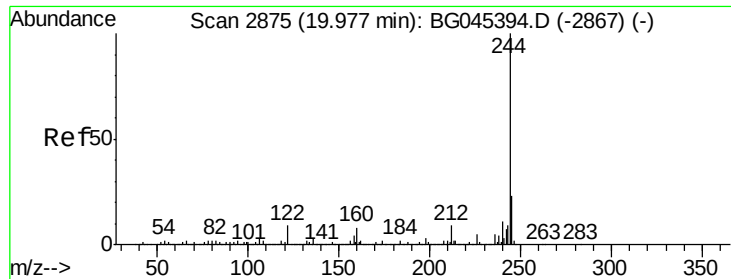


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.906 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

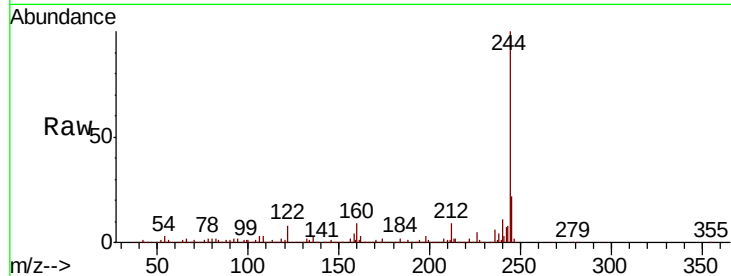
Tot Ion:244 Resp: 1483933

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

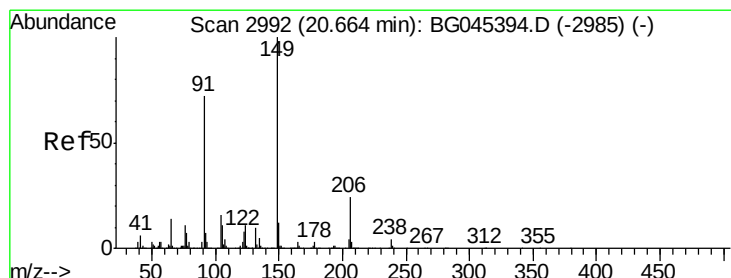
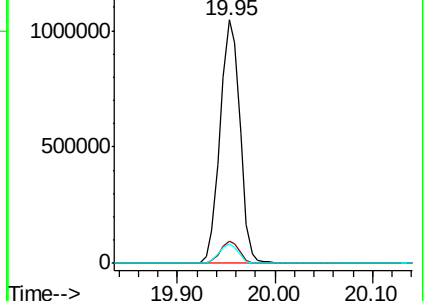
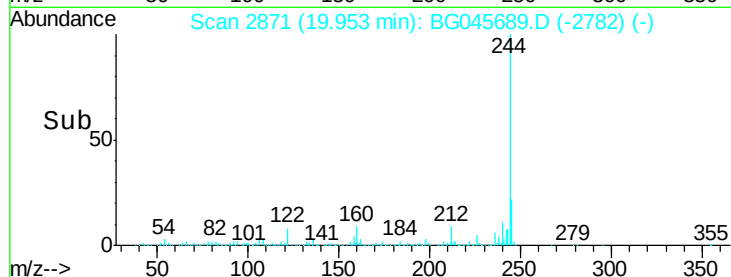
122 8.3 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.009 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

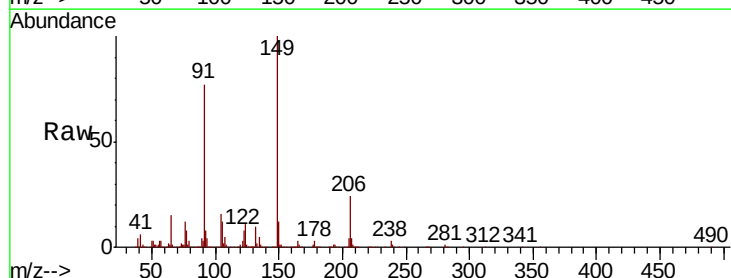
Tgt Ion:149 Resp: 389239

Ion Ratio Lower Upper

149 100

91 76.9 57.8 86.6

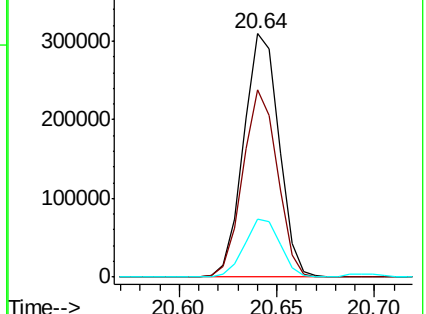
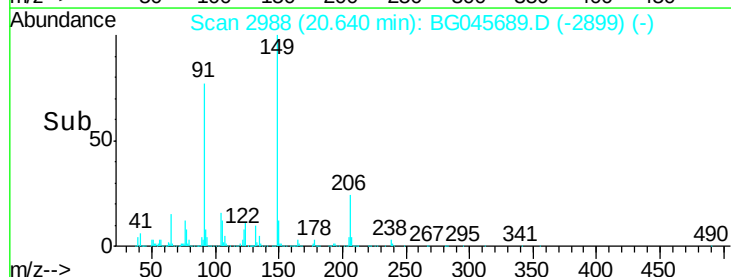
206 23.9 19.1 28.7

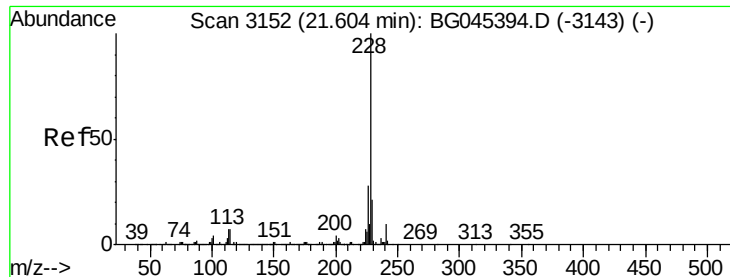


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.664 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

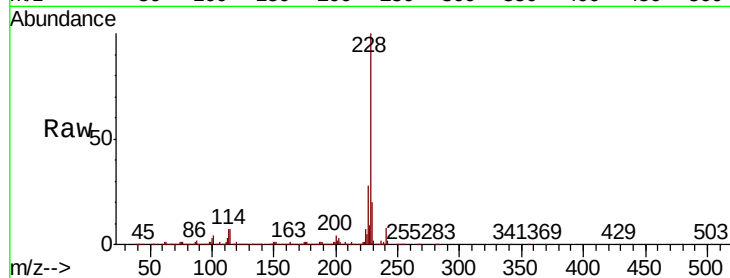
Tot Ion:228 Resp: 936969

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

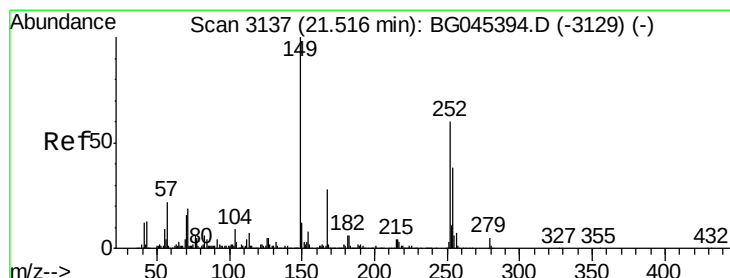
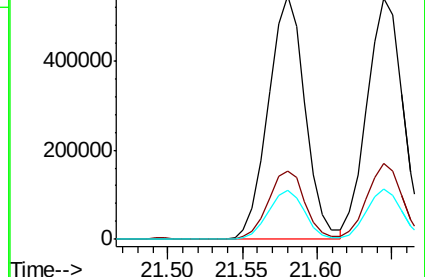
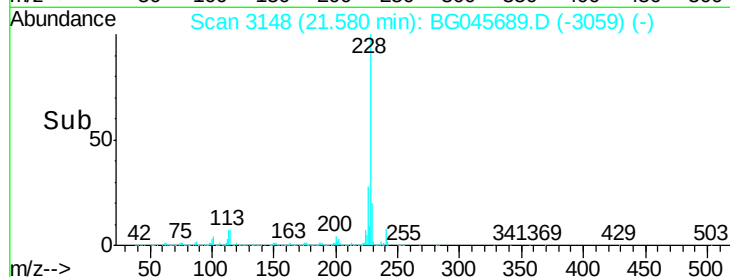
229 20.4 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 26.665 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

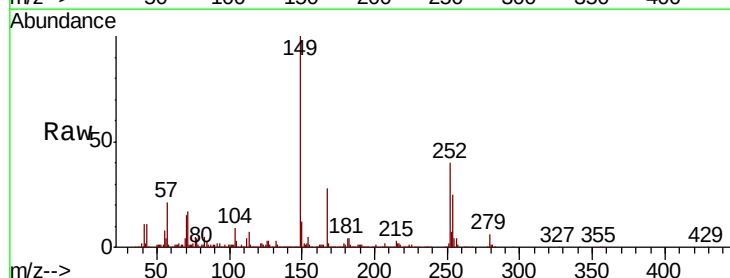
Tgt Ion:252 Resp: 219418

Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

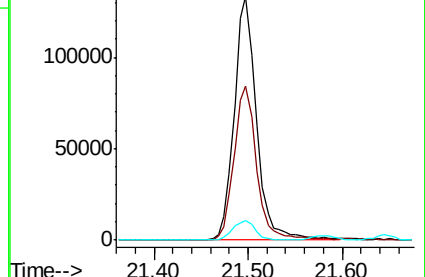
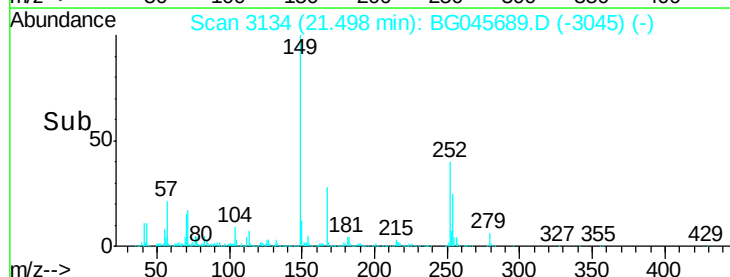
126 8.1 6.6 10.0

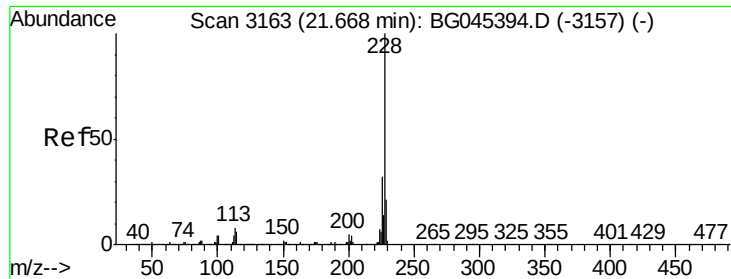


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.542 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

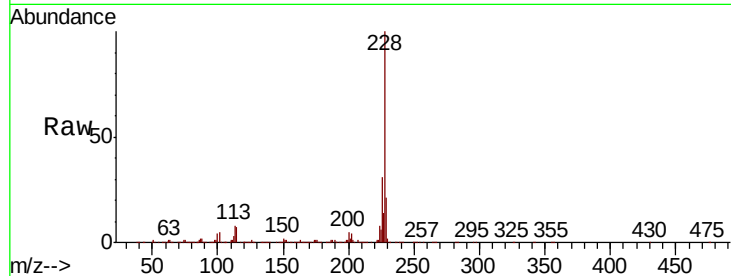
Tot Ion:228 Resp: 898464

Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

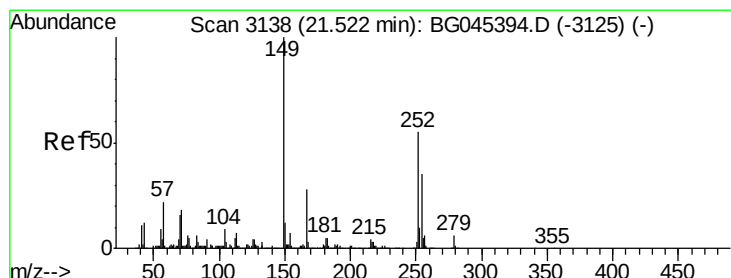
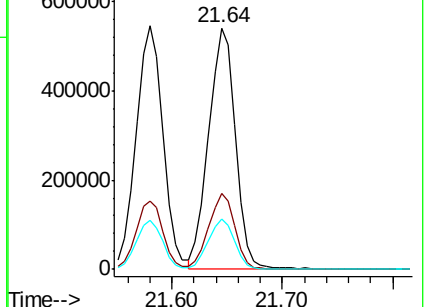
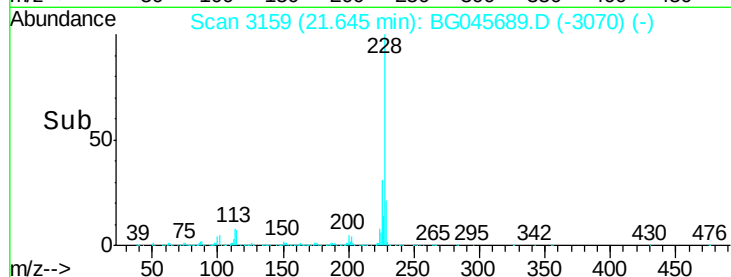
229 20.9 16.7 25.1



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: 43.495 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

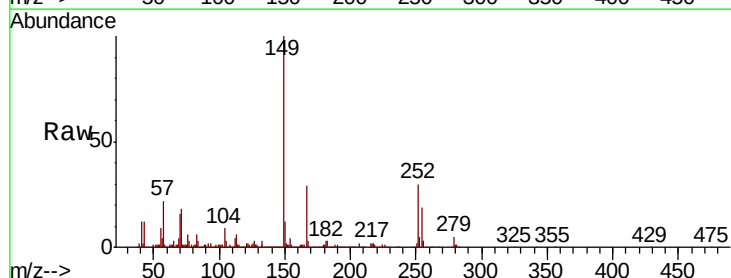
Tgt Ion:149 Resp: 553993

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

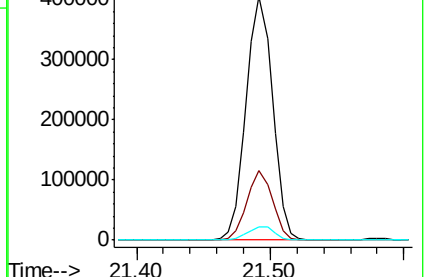
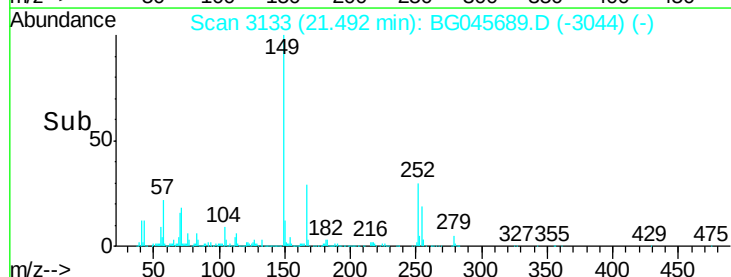
279 5.3 4.7 7.1

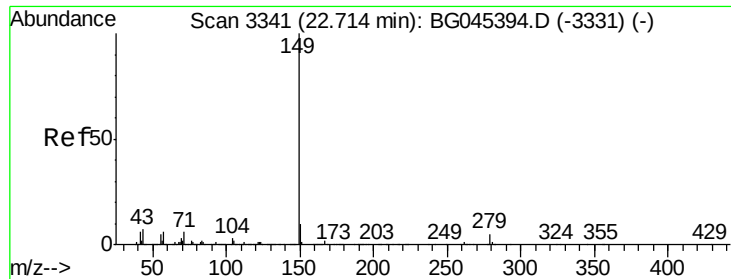


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.888 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

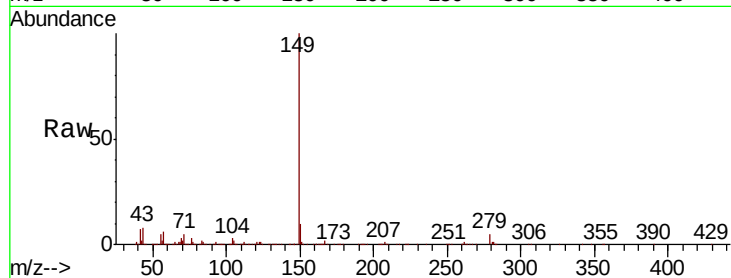
Tot Ion:149 Resp: 938211

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

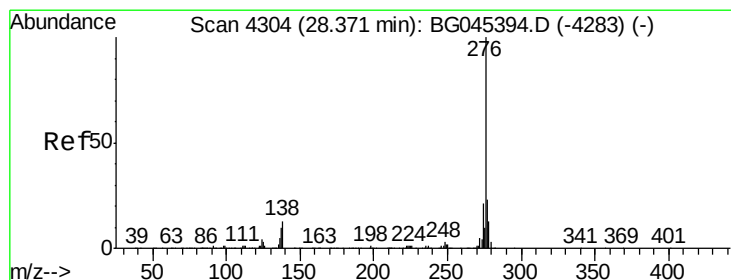
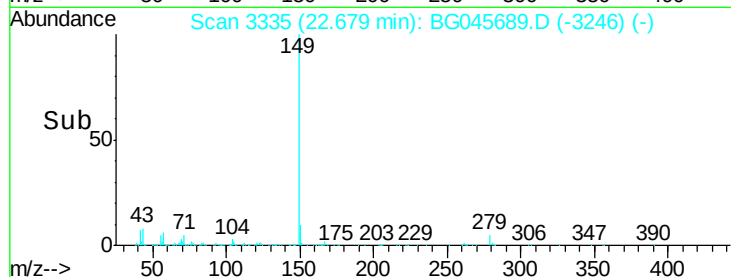
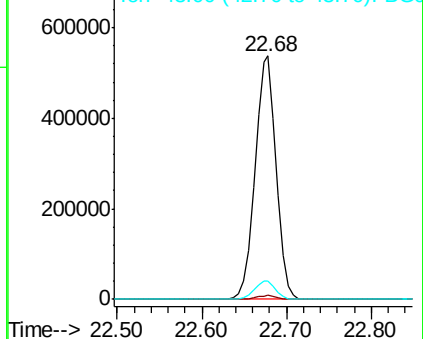
43 7.7 5.8 8.8



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: 44.767 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

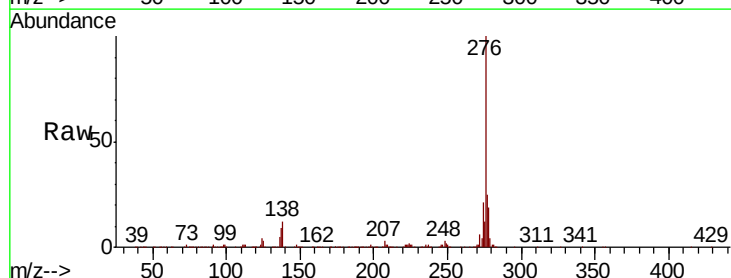
Tgt Ion:276 Resp: 1180839

Ion Ratio Lower Upper

276 100

138 10.3 8.6 12.8

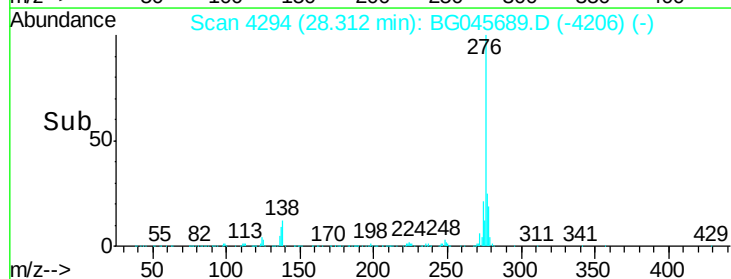
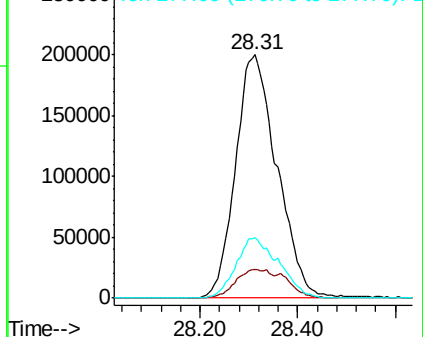
277 25.7 20.2 30.4

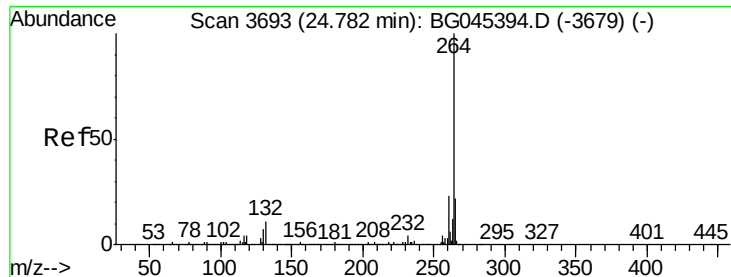


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

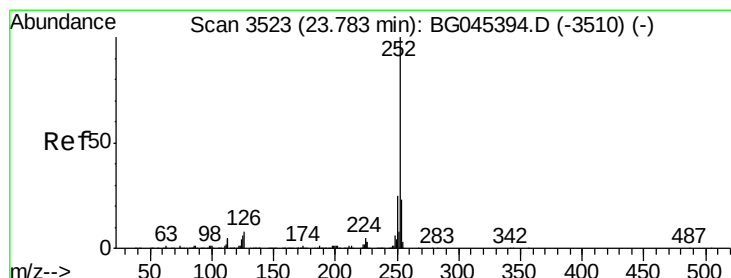
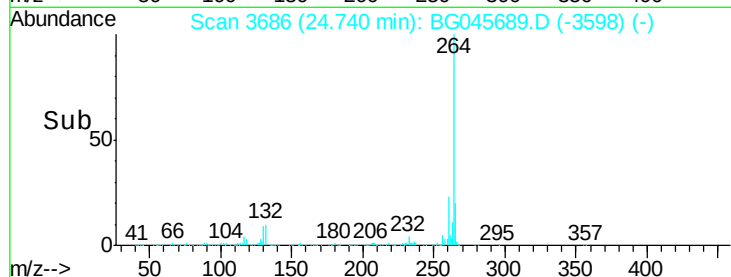
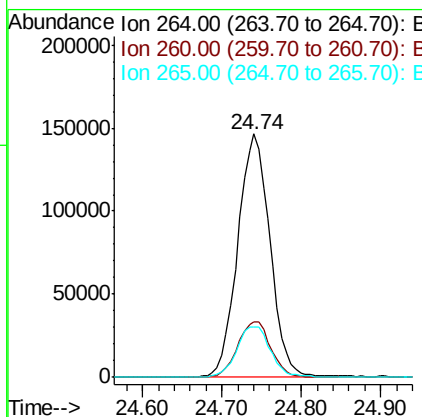
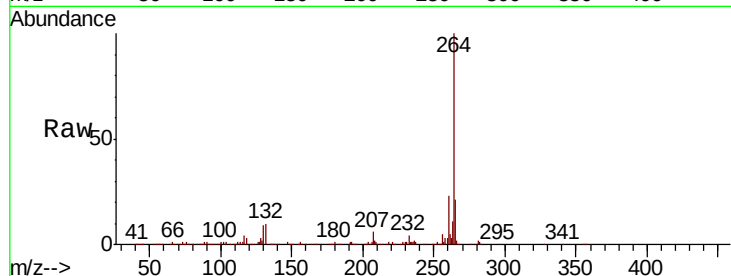




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

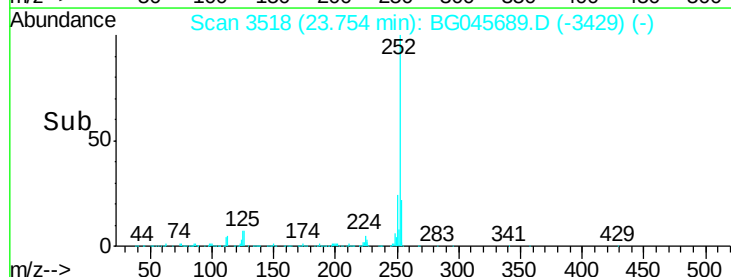
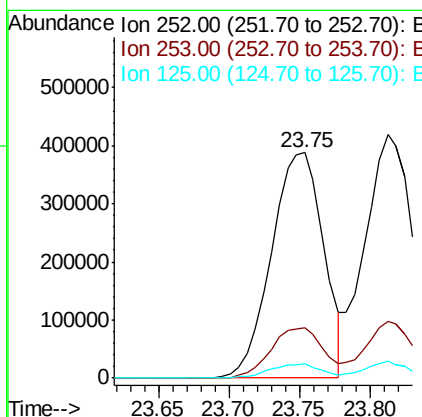
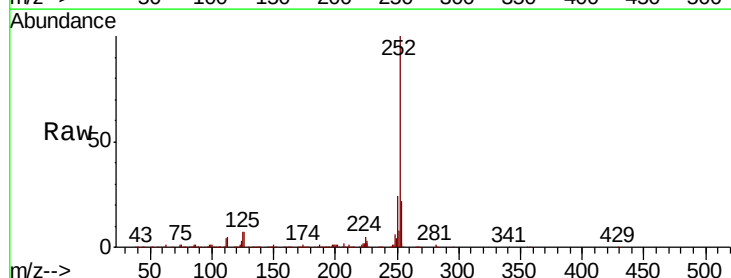
Instrument :
BNA_G
ClientSampleId :
PB129414BS

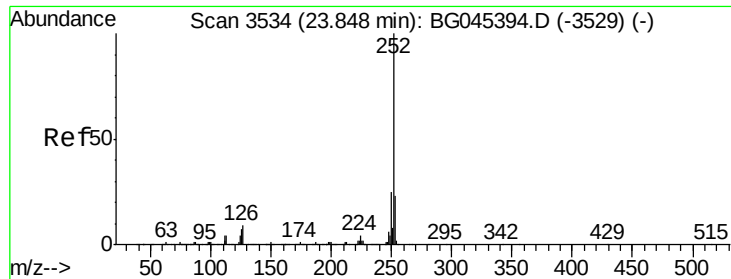
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.6	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 44.865 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG045689.D
Acq: 10 Jun 2020 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.6	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 46.429 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

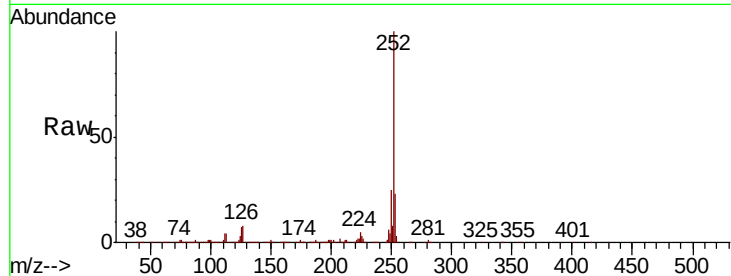
Tot Ion:252 Resp: 969161

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

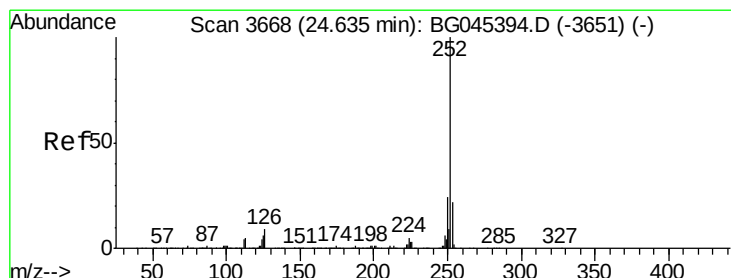
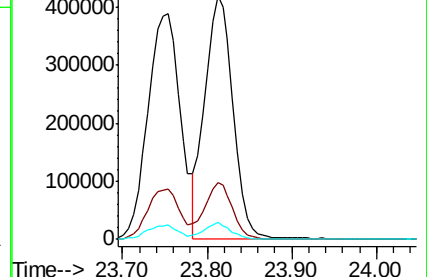
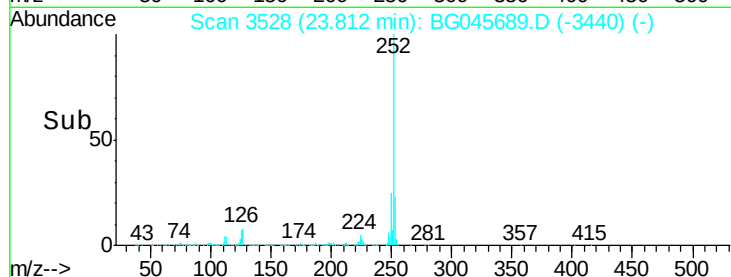
125 6.9 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.421 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

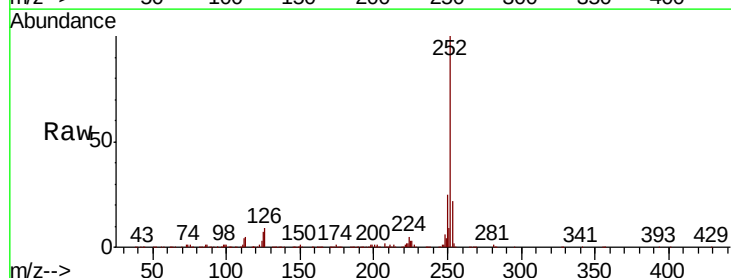
Tgt Ion:252 Resp: 939890

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

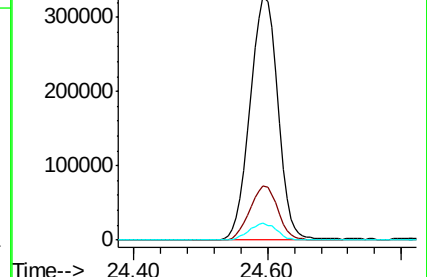
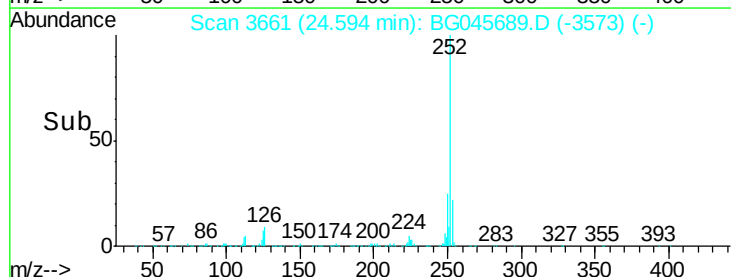
125 7.2 5.0 7.6

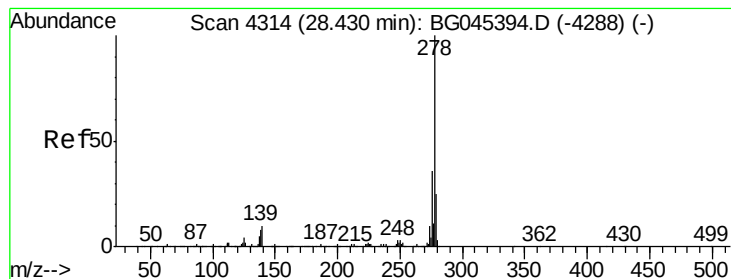


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.036 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.02 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

Instrument :

BNA_G

ClientSampleId :

PB129414BS

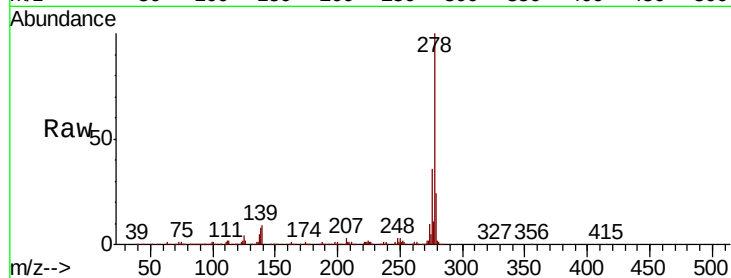
Tot Ion:278 Resp: 957290

Ion Ratio Lower Upper

278 100

139 8.7 7.8 11.8

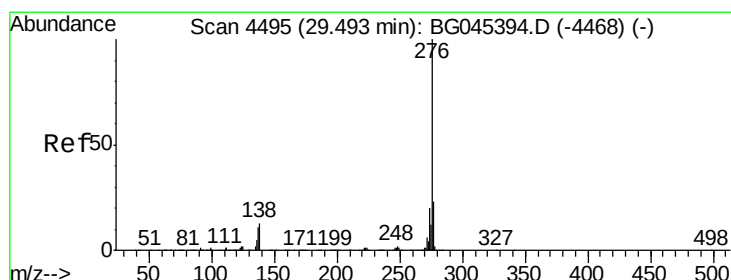
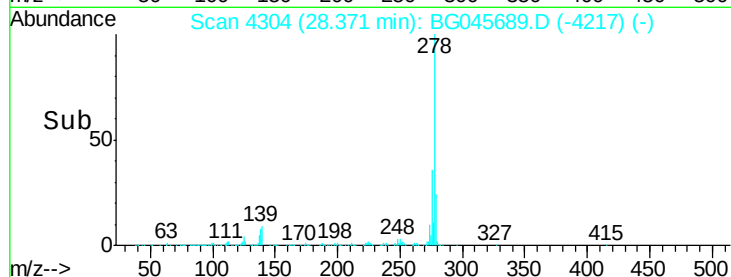
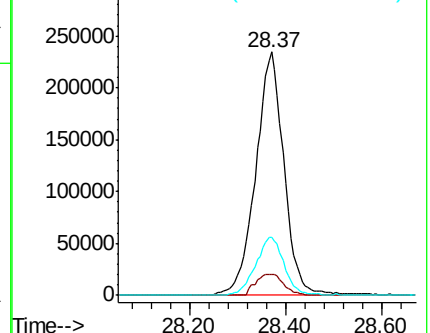
279 23.8 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.526 ng

RT: 29.43 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG045689.D

Acq: 10 Jun 2020 13:13

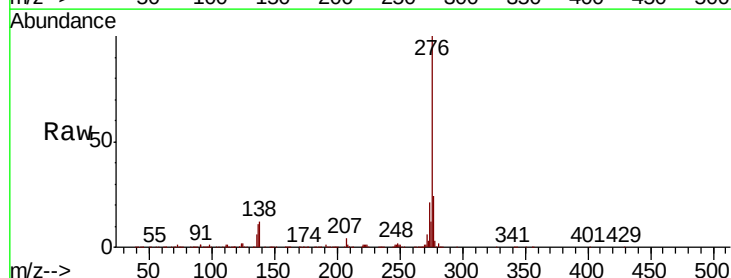
Tgt Ion:276 Resp: 946796

Ion Ratio Lower Upper

276 100

277 23.8 18.1 27.1

138 12.3 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

