

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045742.D
 Acq On : 12 Jun 2020 16:01
 Operator : CG/JU
 Sample : PB129479BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

Quant Time: Jun 12 17:15:47 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	60268	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	240766	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	169096	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	389117	20.00	ng	0.00
76) Chrysene-d12	21.60	240	351010	20.00	ng	0.00
87) Perylene-d12	24.75	264	372093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	481256	156.06	ng	0.03
7) Phenol-d6	7.19	99	673721	153.49	ng	0.04
23) Nitrobenzene-d5	9.12	82	433714	98.23	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	310871	143.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	946999	94.99	ng	0.00
79) Terphenyl-d14	19.95	244	1508740	100.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	59077	38.631	ng	97
3) Pyridine	3.80	79	169224	39.732	ng	94
4) n-Nitrosodimethylamine	3.72	42	71123	51.032	ng	92
6) Aniline	7.28	93	235426	41.088	ng	99
8) 2-Chlorophenol	7.54	128	177840	52.587	ng	94
9) Benzaldehyde	7.08	77	128018	44.766	ng	98
10) Phenol	7.21	94	236873	52.362	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	167738	47.538	ng	98
12) 1,3-Dichlorobenzene	7.84	146	192395	47.341	ng	99
13) 1,4-Dichlorobenzene	7.98	146	193959	48.361	ng	97
14) 1,2-Dichlorobenzene	8.30	146	180827	46.877	ng	98
15) Benzyl Alcohol	8.20	79	185459	51.148	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	160793	48.007	ng	99
17) 2-Methylphenol	8.45	107	162900	48.110	ng	97
18) Hexachloroethane	9.03	117	75300	49.022	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	158608	52.256	ng	99
20) 3+4-Methylphenols	8.78	107	213867	46.384	ng	# 59
22) Acetophenone	8.77	105	271019	47.494	ng	# 91
24) Nitrobenzene	9.16	77	229514	48.519	ng	97
25) Isophorone	9.68	82	414424	47.662	ng	98
26) 2-Nitrophenol	9.87	139	101807	50.310	ng	96
27) 2,4-Dimethylphenol	9.97	122	162795	54.241	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	228367	50.080	ng	96
29) 2,4-Dichlorophenol	10.44	162	182340	51.448	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	201620	48.143	ng	99
31) Naphthalene	10.81	128	544168	48.502	ng	99
32) Benzoic acid	10.17	122	96783	47.536	ng	93
33) 4-Chloroaniline	10.93	127	143917	30.687	ng	96
34) Hexachlorobutadiene	11.10	225	139802	47.225	ng	98
35) Caprolactam	11.71	113	62627	48.142	ng	# 76
36) 4-Chloro-3-methylphenol	12.11	107	210954	52.822	ng	96
37) 2-Methylnaphthalene	12.42	142	410940	49.142	ng	95
38) 1-Methylnaphthalene	12.63	142	390862	49.481	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	230096	48.717	ng	99

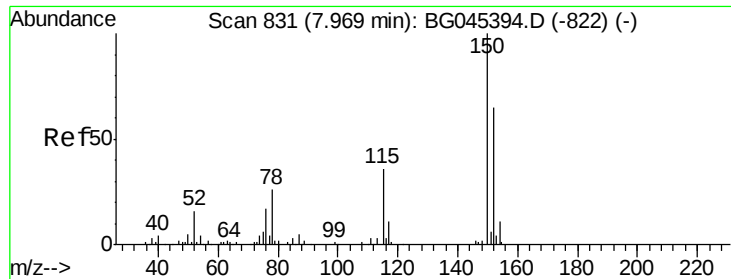
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045742.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	274760	100.789	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	164831	50.239	ng	96
44) 2,4,5-Trichlorophenol	13.15	196	174194	46.461	ng	99
46) 1,1'-Biphenyl	13.43	154	518595	49.912	ng	100
47) 2-Chloronaphthalene	13.47	162	413528	49.012	ng	99
48) 2-Nitroaniline	13.69	65	137281	49.464	ng	95
49) Acenaphthylene	14.31	152	655901	48.398	ng	98
50) Dimethylphthalate	14.05	163	550616	47.467	ng	98
51) 2,6-Dinitrotoluene	14.17	165	126546	48.346	ng	99
52) Acenaphthene	14.66	154	399680	44.058	ng	96
53) 3-Nitroaniline	14.52	138	94576	35.544	ng	# 93
54) 2,4-Dinitrophenol	14.72	184	113767	67.282	ng	95
55) Dibenzofuran	15.00	168	639372	47.461	ng	97
56) 4-Nitrophenol	14.90	139	160285	79.566	ng	90
57) 2,4-Dinitrotoluene	14.97	165	179028	47.226	ng	99
58) Fluorene	15.64	166	537040	48.524	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161631	49.001	ng	100
60) Diethylphthalate	15.41	149	571467	47.332	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	297504	46.975	ng	99
62) 4-Nitroaniline	15.69	138	110436	39.757	ng	97
63) Azobenzene	15.93	77	558685	49.626	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	106304	46.908	ng	96
66) n-Nitrosodiphenylamine	15.85	169	477861	51.148	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	206935	49.112	ng	97
68) Hexachlorobenzene	16.65	284	224498	50.942	ng	98
69) Atrazine	16.81	200	177473	46.119	ng	98
70) Pentachlorophenol	17.01	266	213322	93.224	ng	95
71) Phenanthrene	17.39	178	845137	49.752	ng	99
72) Anthracene	17.47	178	867360	50.845	ng	98
73) Carbazole	17.76	167	781290	46.985	ng	99
74) Di-n-butylphthalate	18.30	149	946814	47.440	ng	100
75) Fluoranthene	19.40	202	1018073	47.119	ng	100
77) Benzidine	19.58	184	423316	42.940	ng	99
78) Pyrene	19.75	202	1004574	50.206	ng	100
80) Butylbenzylphthalate	20.64	149	417564	48.348	ng	97
81) Benzo(a)anthracene	21.58	228	959831	49.087	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	311091	40.559	ng	99
83) Chrysene	21.65	228	921732	49.024	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	578704	48.745	ng	99
85) Di-n-octyl phthalate	22.67	149	960689	47.115	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1164401	47.360	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1009293	50.576	ng	99
89) Benzo(k)fluoranthene	23.82	252	989015	52.753	ng	99
90) Benzo(a)pyrene	24.60	252	929615	50.019	ng	99
91) Dibenzo(a,h)anthracene	28.38	278	942173	50.447	ng	98
92) Benzo(g,h,i)perylene	29.44	276	952534	50.995	ng	98

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

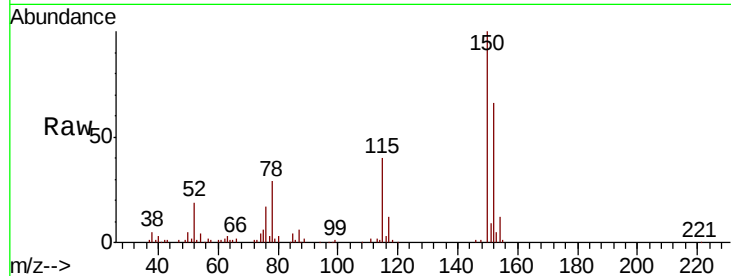


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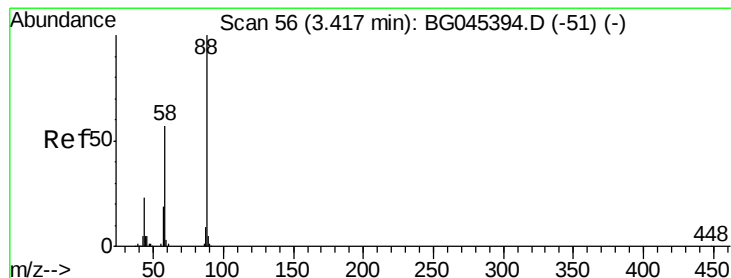
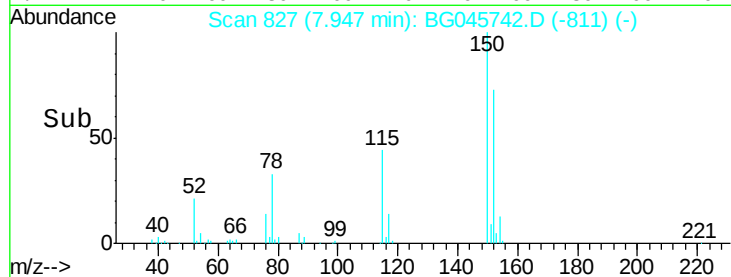
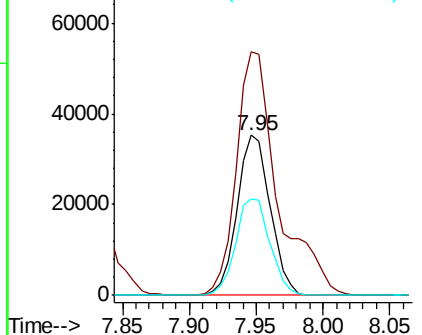
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	152	Resp	60268
Ion Ratio	Lower	Upper	
152	100		
150	152.3	122.4	183.6
115	60.2	44.2	66.4



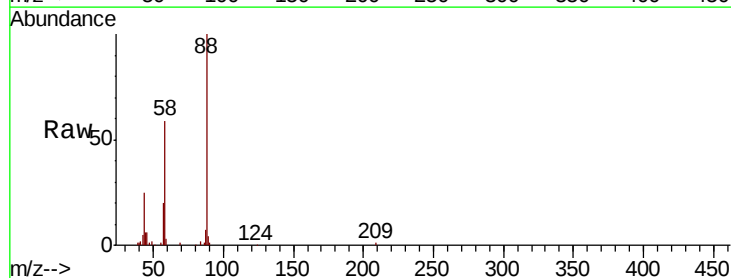
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



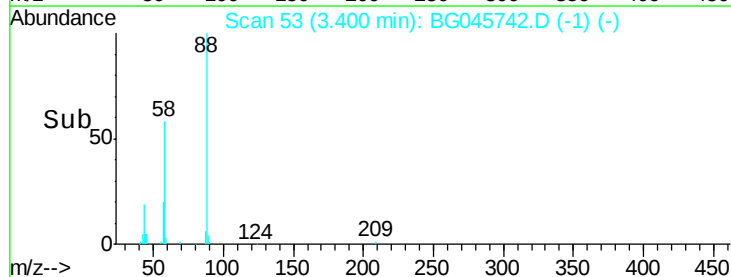
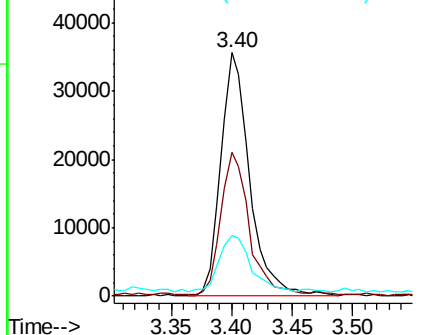
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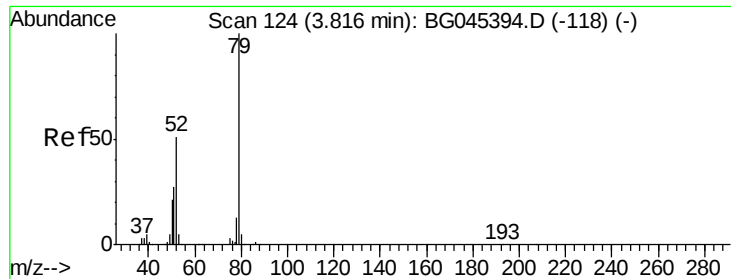
1,4-Dioxane
Concen: 38.631 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	88	Resp	59077
Ion Ratio	Lower	Upper	
88	100		
58	56.3	45.7	68.5
43	24.8	16.8	25.2



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





#3

Pvridine

Concen: 39.732 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

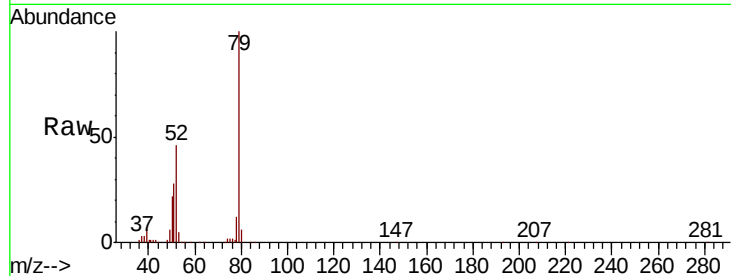
Tot Ion: 79 Resp: 169224

Ion Ratio Lower Upper

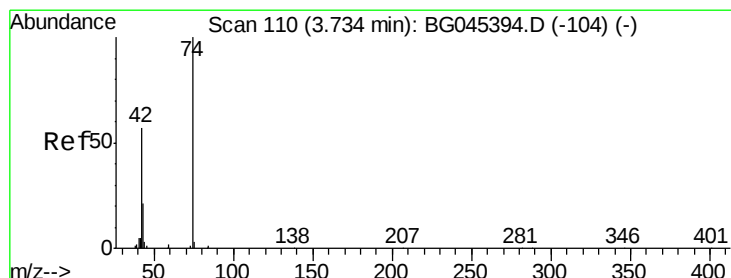
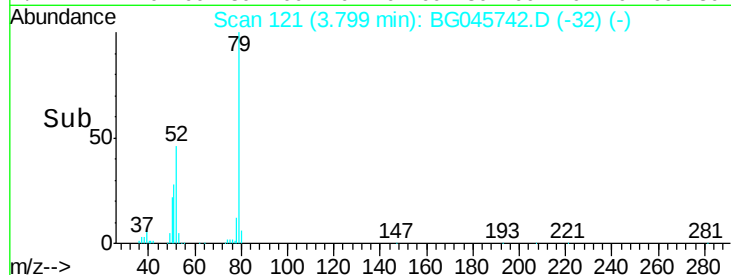
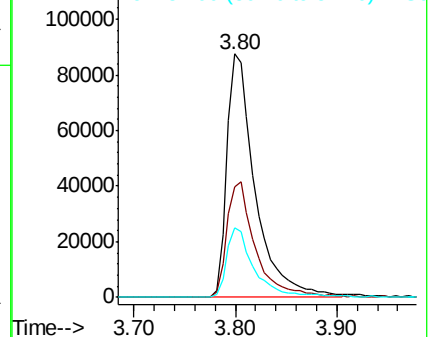
79 100

52 45.6 40.8 61.2

51 28.4 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: 51.032 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

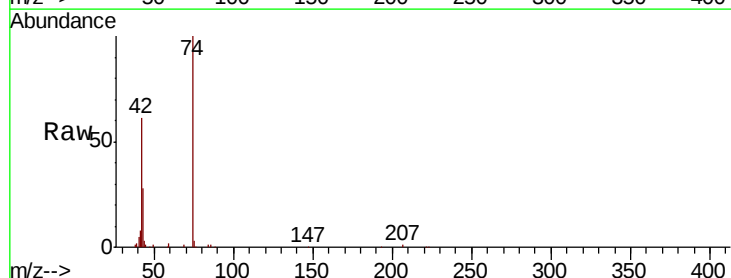
Tgt Ion: 42 Resp: 71123

Ion Ratio Lower Upper

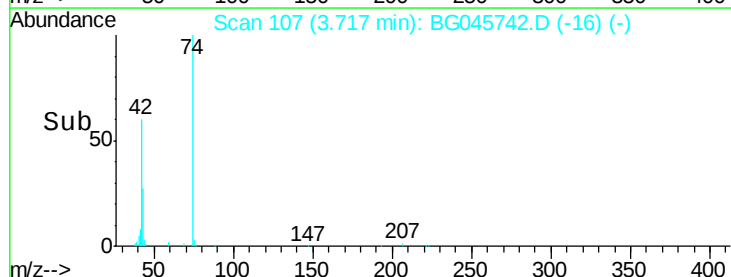
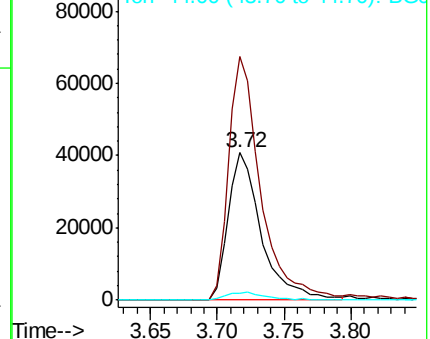
42 100

74 165.1 141.3 211.9

44 5.0 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 156.056 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.03 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

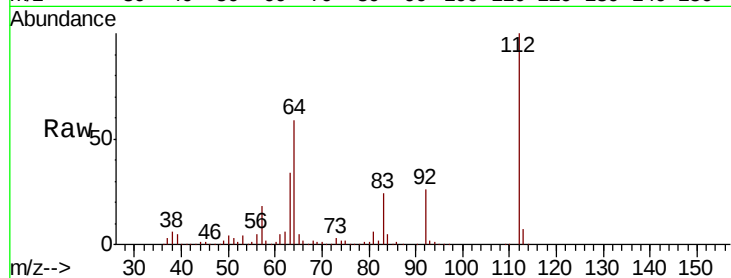
Tot Ion:112 Resp: 481256

Ion Ratio Lower Upper

112 100

64 58.8 48.6 72.8

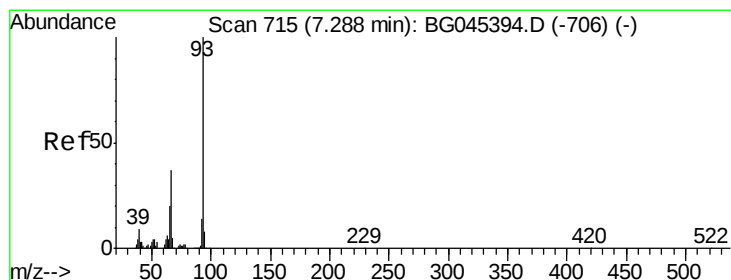
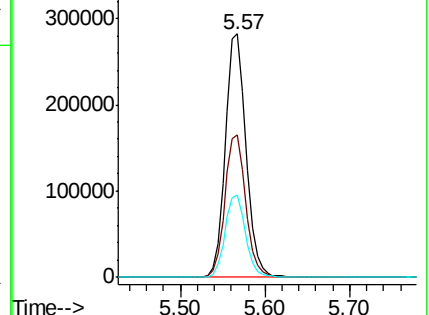
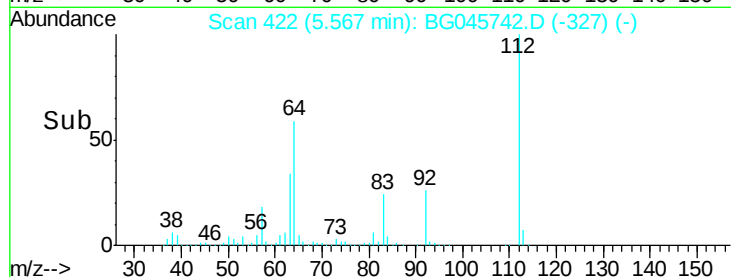
63 33.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.088 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

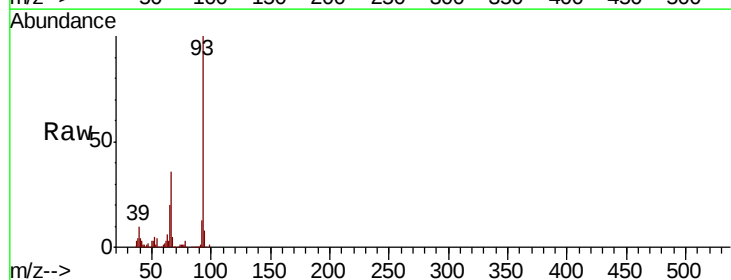
Tgt Ion: 93 Resp: 235426

Ion Ratio Lower Upper

93 100

66 36.4 29.6 44.4

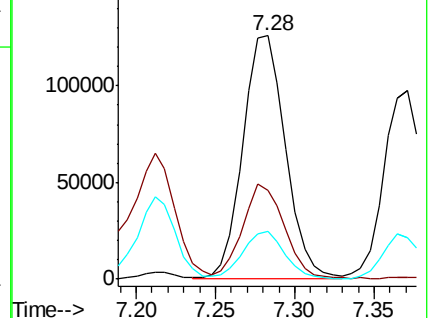
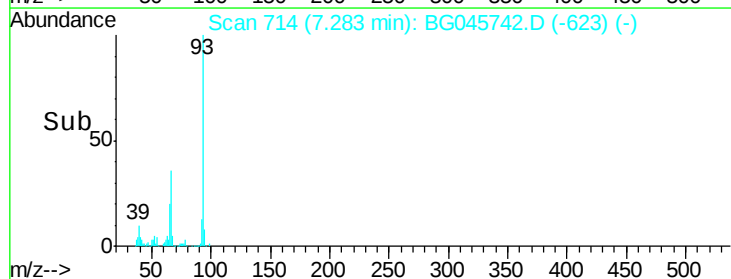
65 19.7 15.9 23.9



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: 153.493 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.04 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

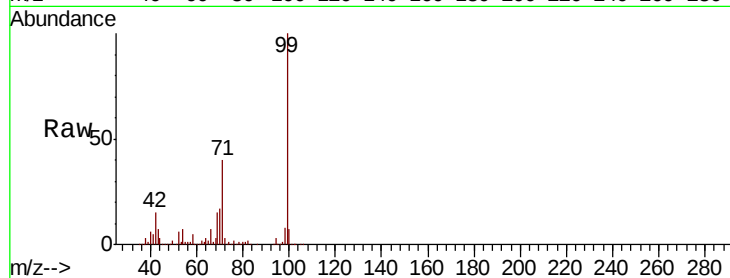
Tot Ion: 99 Resp: 673721

Ion Ratio Lower Upper

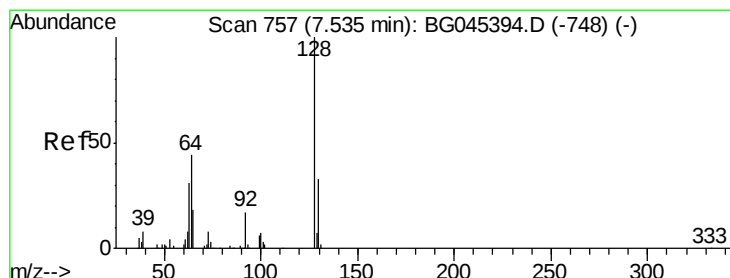
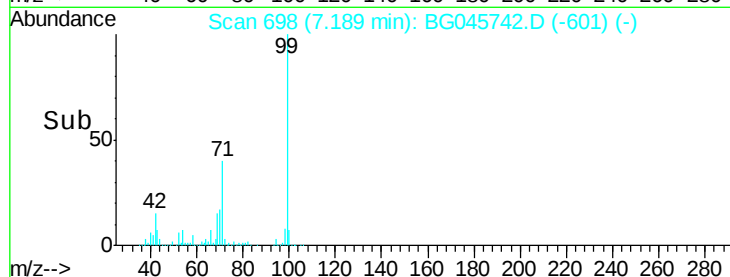
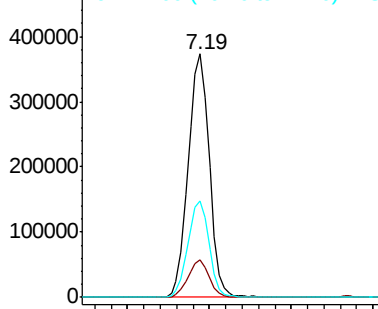
99 100

42 15.2 11.3 16.9

71 39.6 30.8 46.2



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



#8

2-Chlorophenol

Concen: 52.587 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

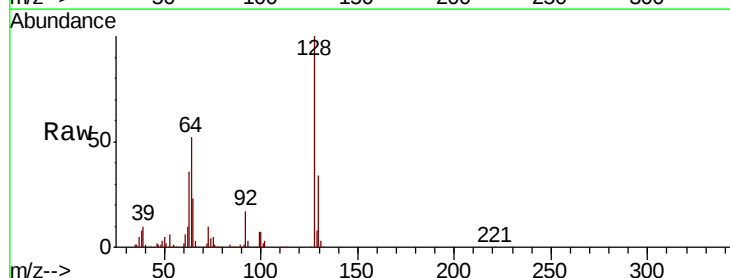
Tgt Ion:128 Resp: 177840

Ion Ratio Lower Upper

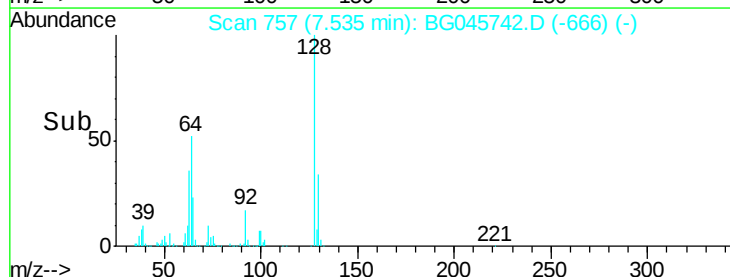
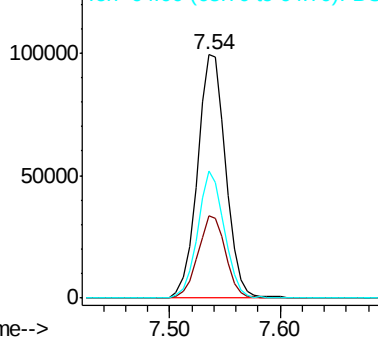
128 100

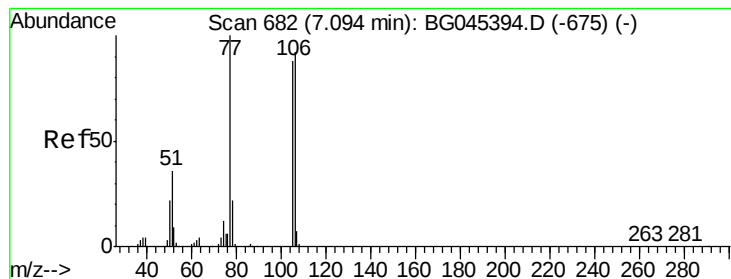
130 34.1 12.6 52.6

64 52.4 27.0 67.0



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





#9

Benzaldehyde

Concen: 44.766 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

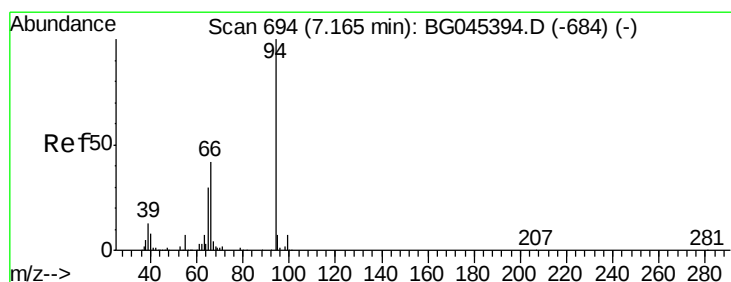
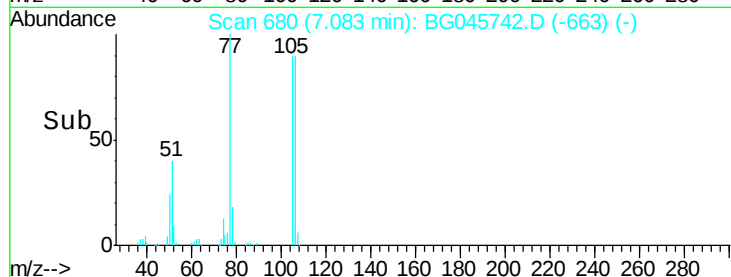
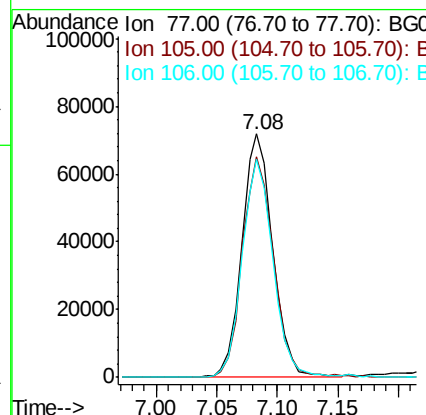
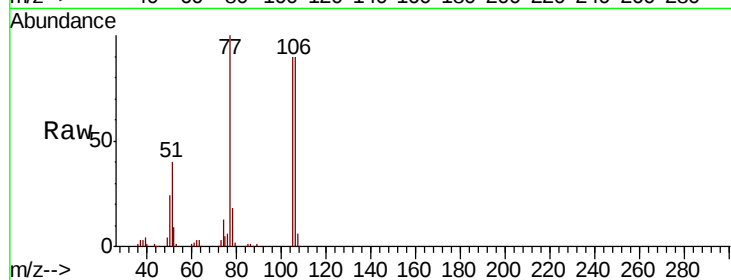
Tot Ion: 77 Resp: 128018

Ion Ratio Lower Upper

77 100

105 90.4 68.5 108.5

106 89.6 71.6 111.6



#10

Phenol

Concen: 52.362 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.04 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

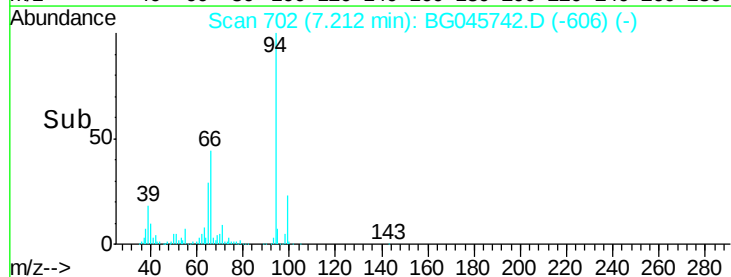
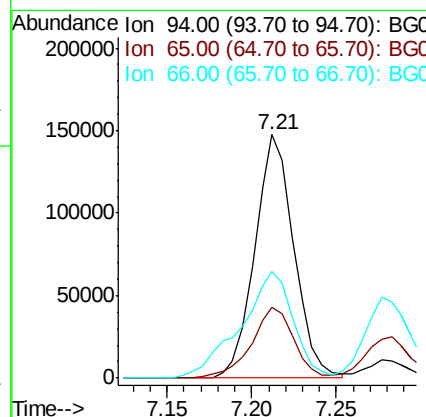
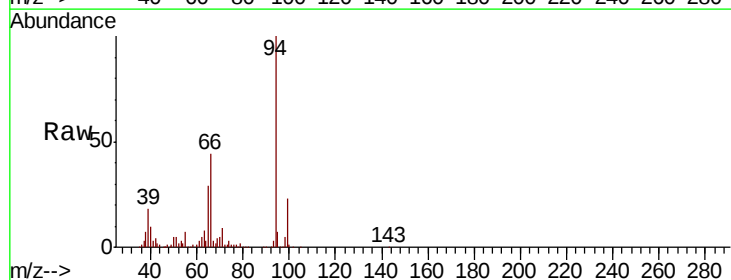
Tgt Ion: 94 Resp: 236873

Ion Ratio Lower Upper

94 100

65 29.0 9.8 49.8

66 44.0 22.0 62.0

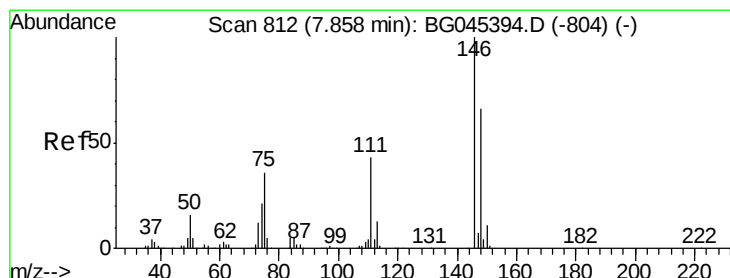
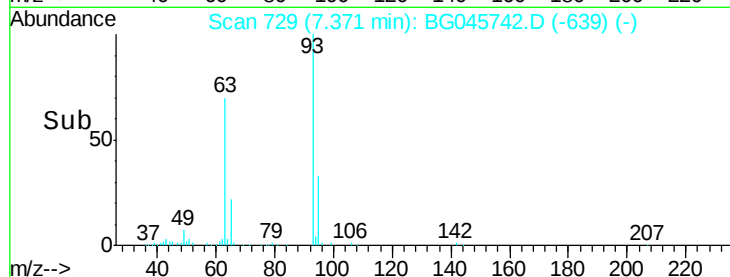
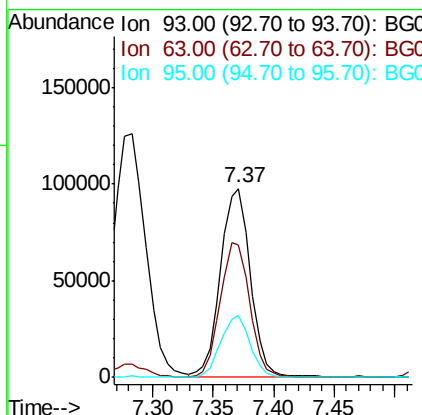
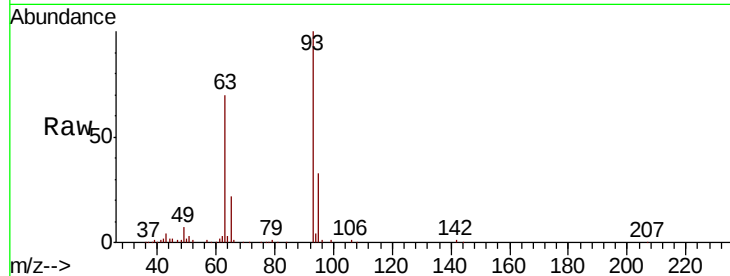




#11
bis(2-Chloroethyl)ether
Concen: 47.538 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

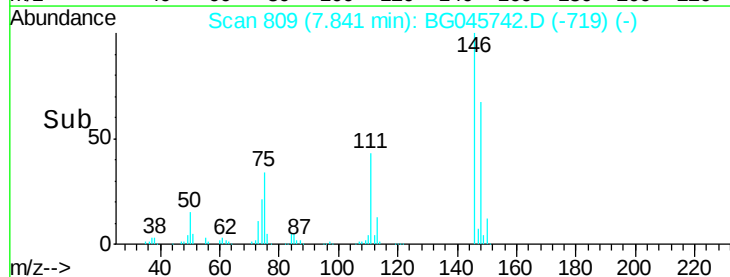
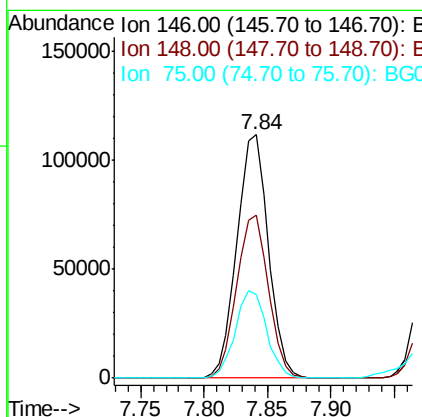
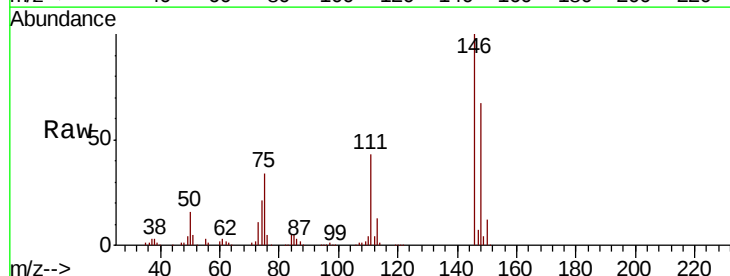
Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	93	Resp	167738
Ion	Ratio	Lower	Upper
93	100		
63	70.1	48.4	88.4
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 47.341 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	146	Resp	192395
Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.2	79.8
75	34.2	28.6	43.0

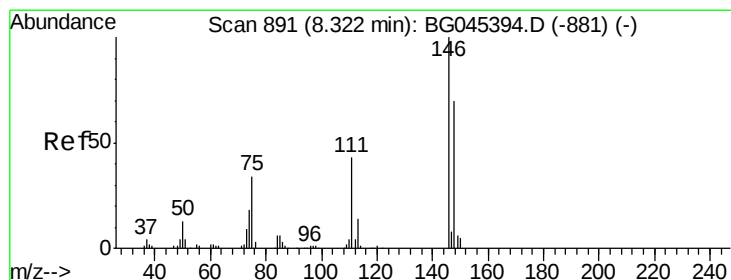
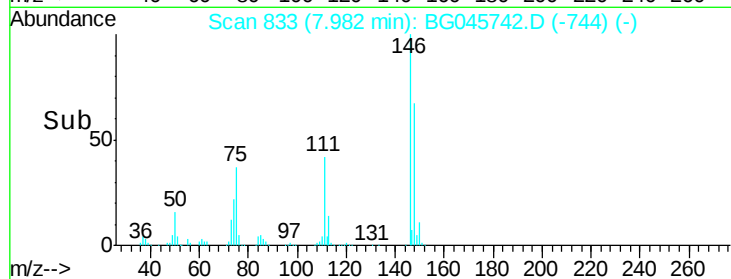
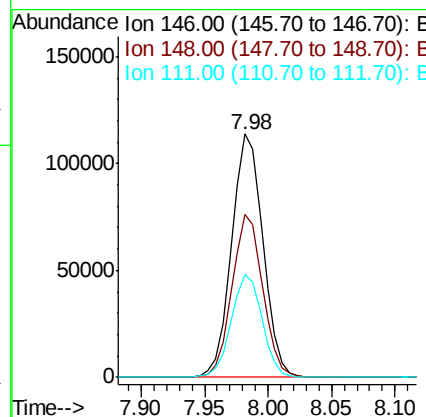
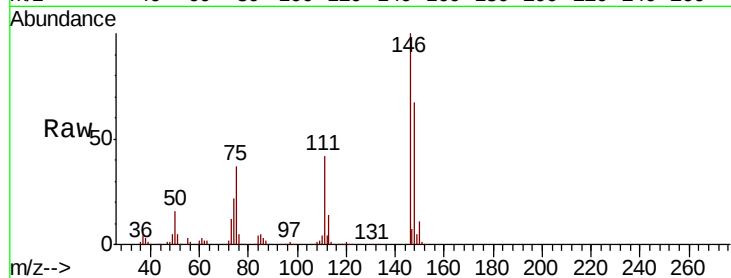




#13
 1,4-Dichlorobenzene
 Concen: 48.361 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

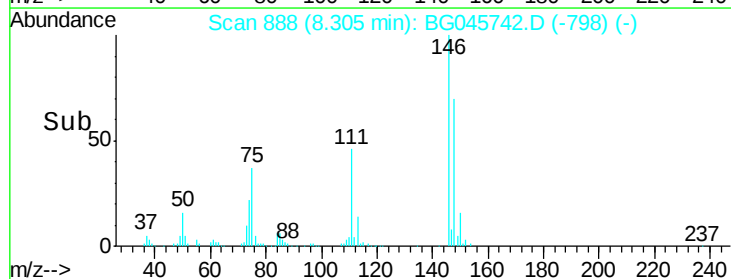
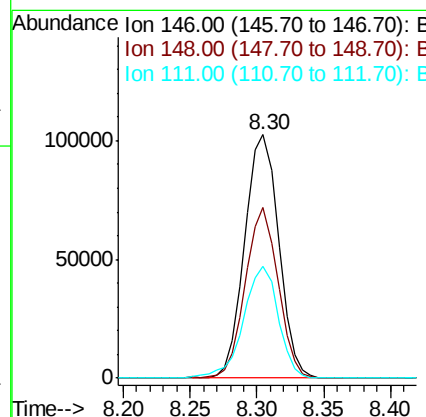
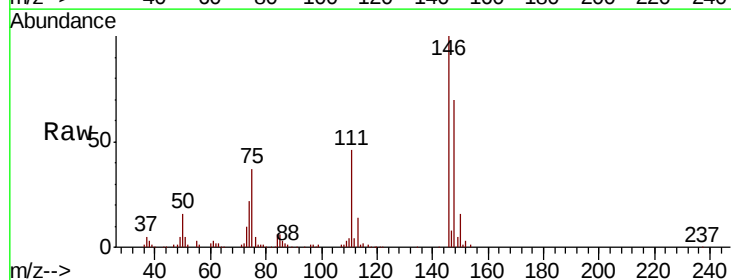
Instrument :
 BNA_G
 ClientSampled :
 PB129479BS

Tot Ion	146	Resp	193959
Ion Ratio	Lower	Upper	
146	100		
148	67.2	51.8	77.8
111	42.5	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 46.877 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion	146	Resp	180827
Ion Ratio	Lower	Upper	
146	100		
148	70.3	55.9	83.9
111	45.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 51.148 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

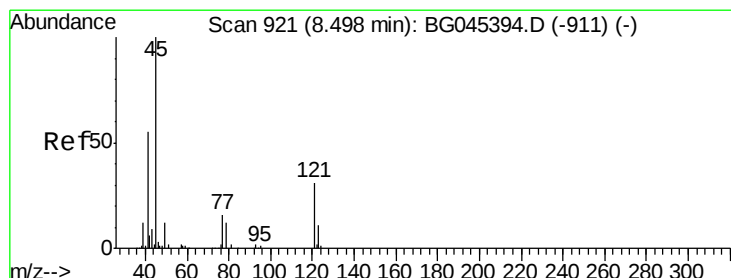
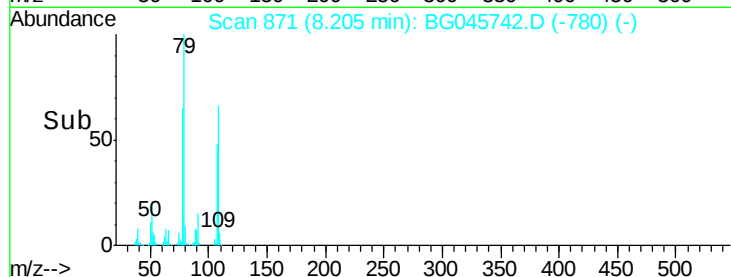
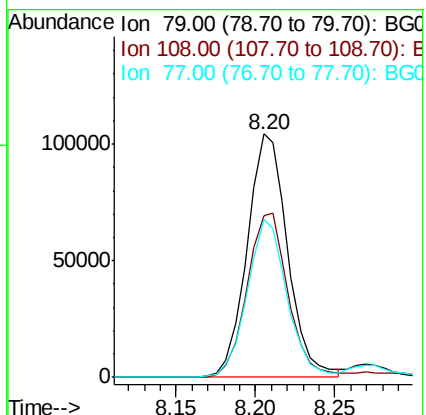
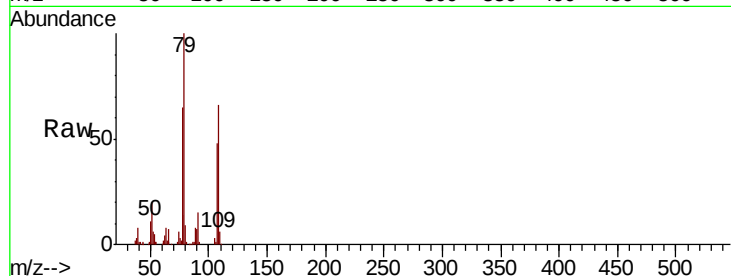
Tot Ion: 79 Resp: 185459

Ion Ratio Lower Upper

79 100

108 66.3 58.2 87.4

77 64.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.007 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

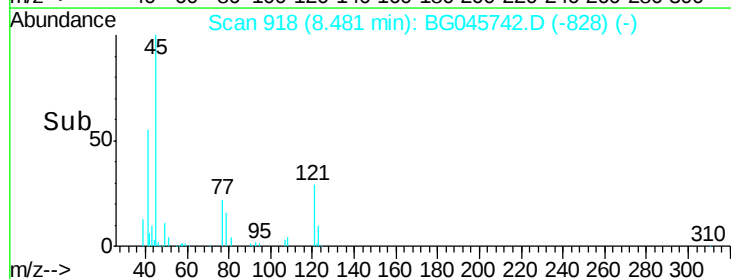
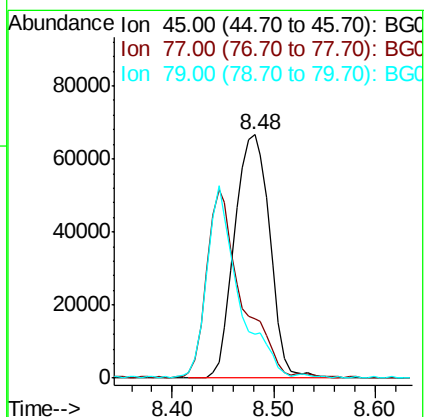
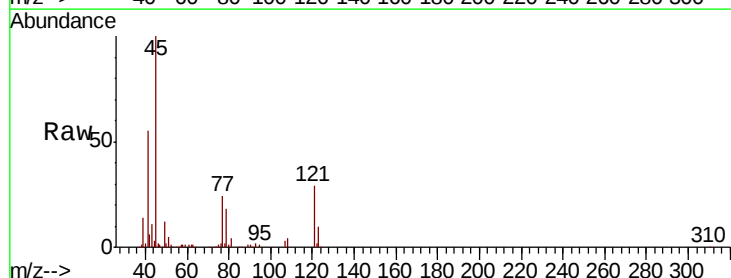
Tgt Ion: 45 Resp: 160793

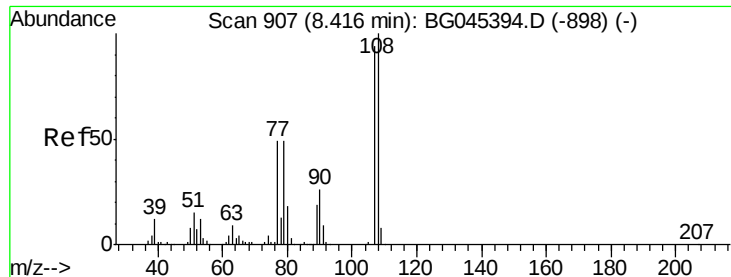
Ion Ratio Lower Upper

45 100

77 24.1 4.0 44.0

79 18.2 0.0 38.6

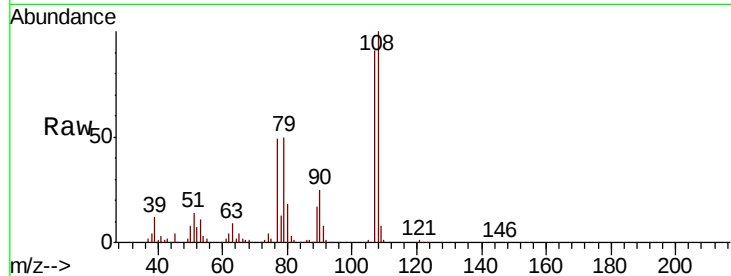




#17
2-Methylphenol
Concen: 48.110 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.02 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.2	127.8
77	53.4	41.6	62.4
79	54.5	41.8	62.8



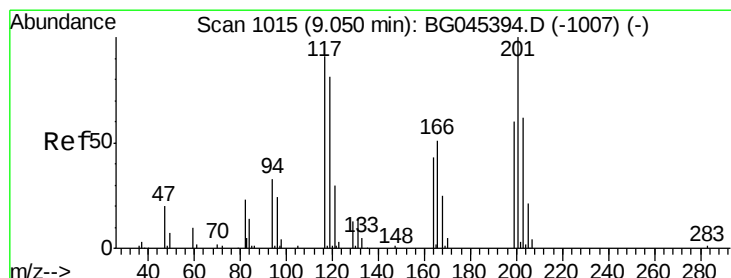
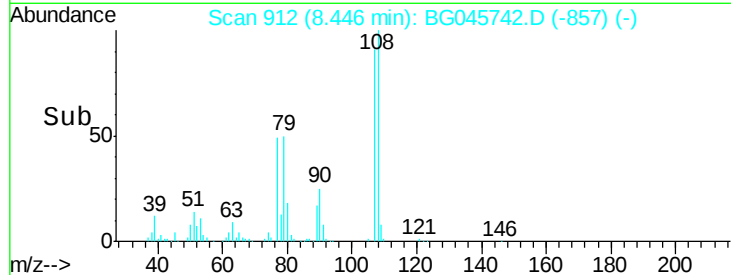
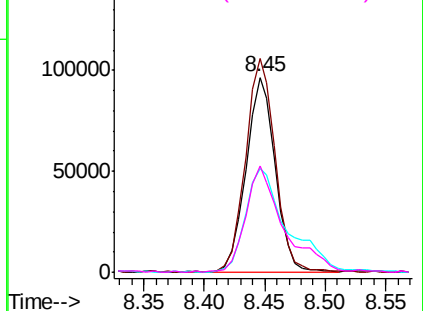
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

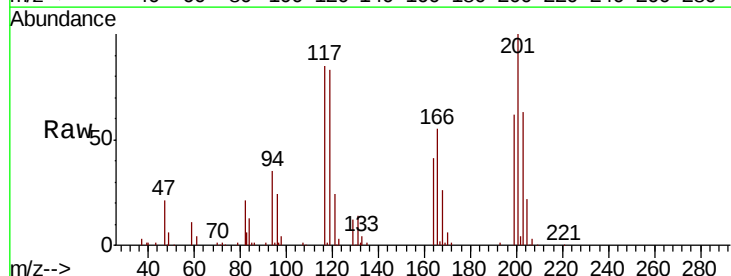
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 49.022 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	71.3	106.9
201	118.1	87.5	131.3

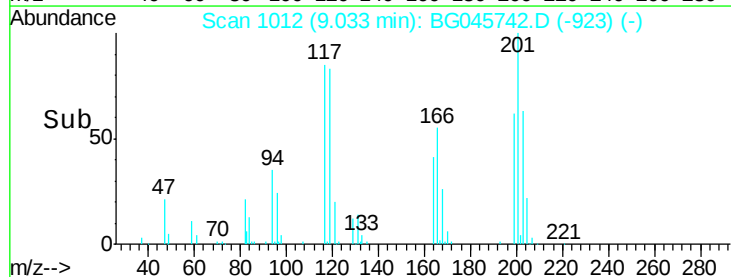
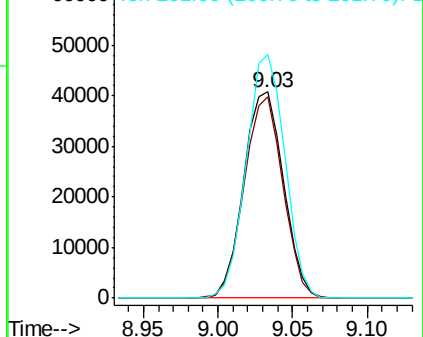


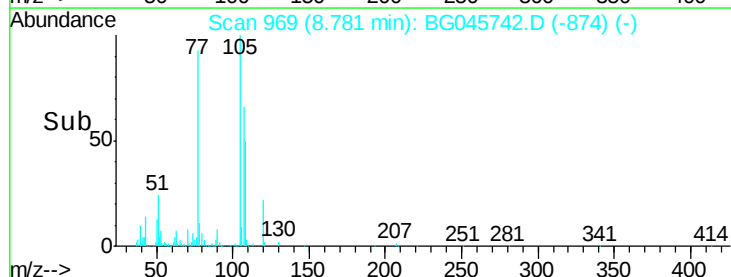
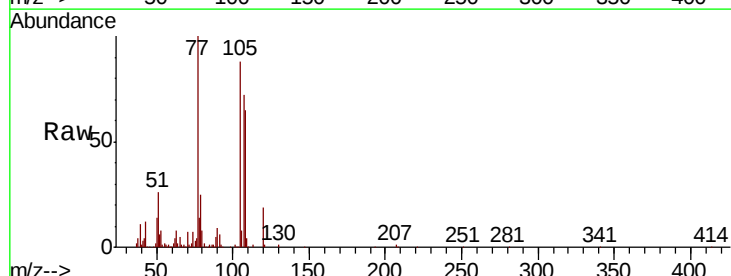
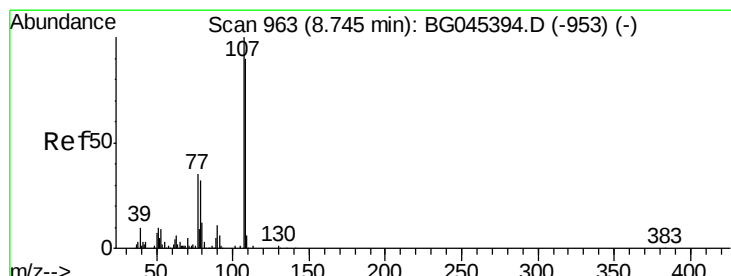
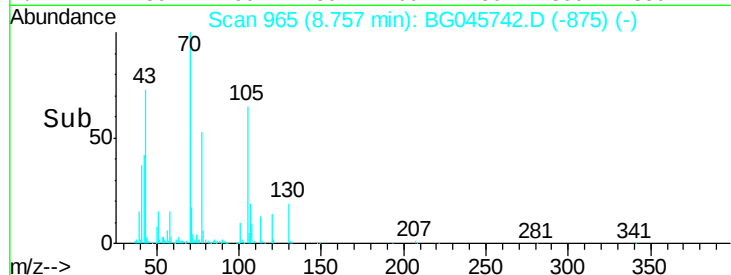
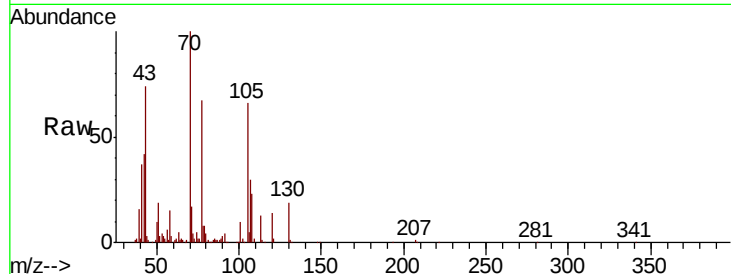
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

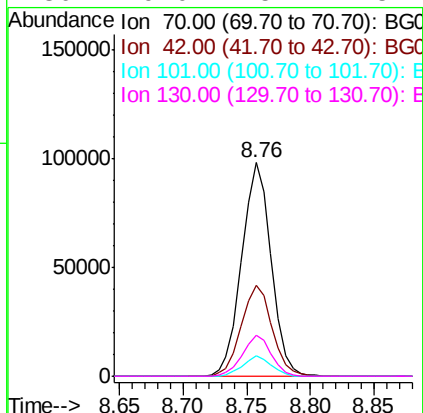




#19
n-Nitroso-di-n-propylamine
Concen: 52.256 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

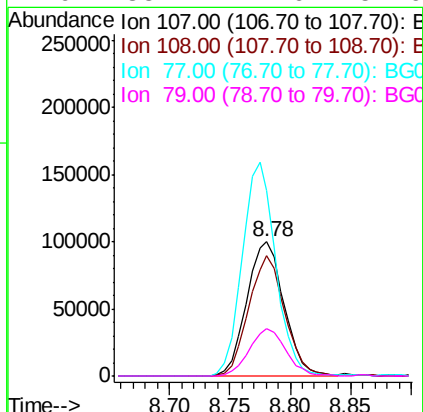
Instrument :
BNA_G
ClientSampleId :
PB129479BS

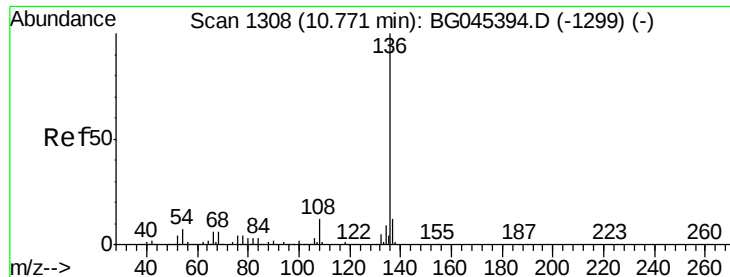
Tot Ion:	70	Resp:	158608
Ion	Ratio	Lower	Upper
70	100		
42	42.4	33.2	49.8
101	9.8	7.8	11.6
130	19.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 46.384 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.03 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:	107	Resp:	213867
Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.3	110.3
77	138.2	15.4	55.4#
79	35.1	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

Tot Ion:136 Resp: 240766

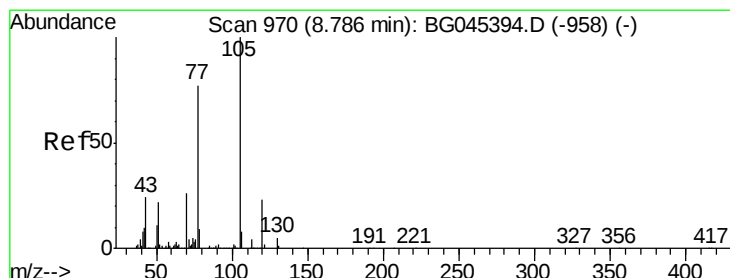
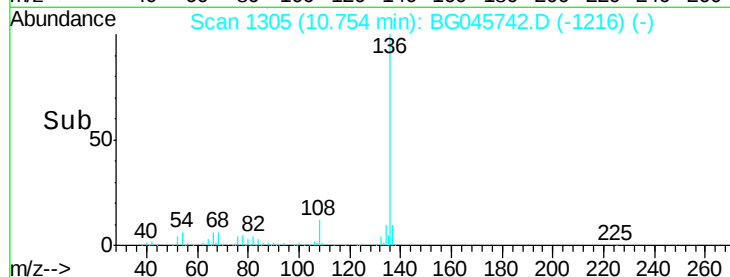
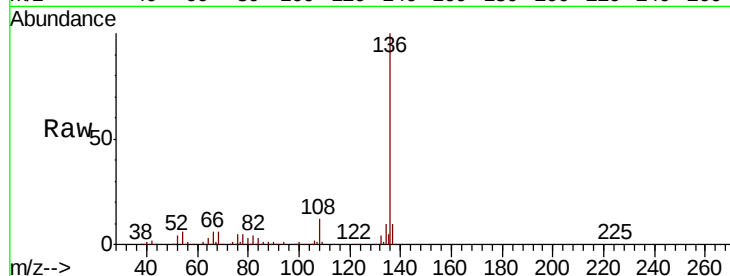
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	6.3	5.8	8.6
68	6.1	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.494 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Tgt Ion:105 Resp: 271019

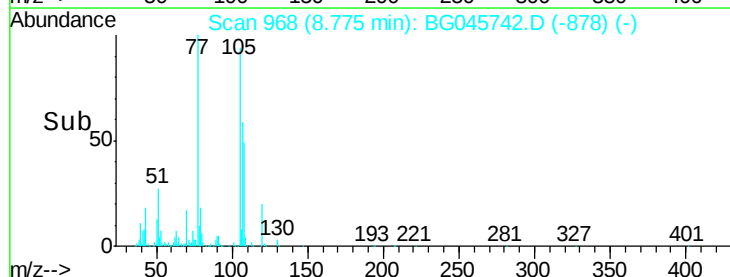
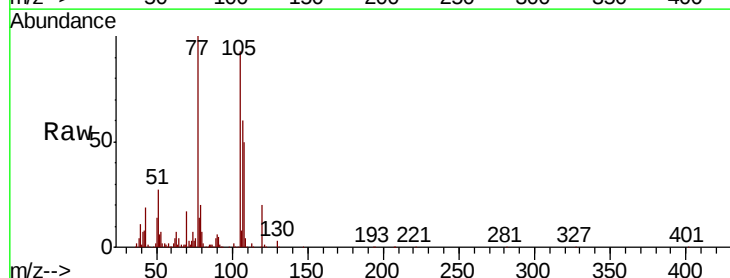
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.4	5.0#
51	29.3	18.2	27.2#
120	21.1	18.6	27.8

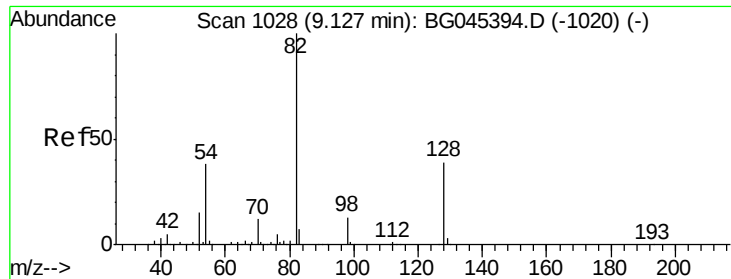
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 98.233 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

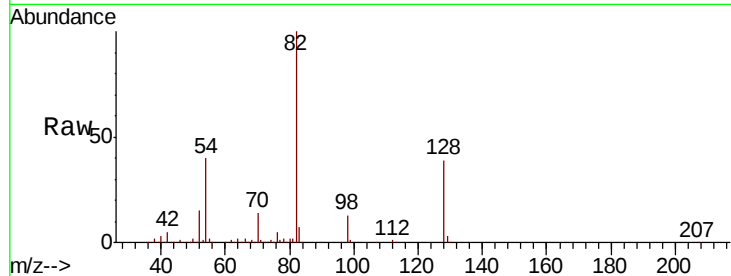
Tot Ion: 82 Resp: 433714

Ion Ratio Lower Upper

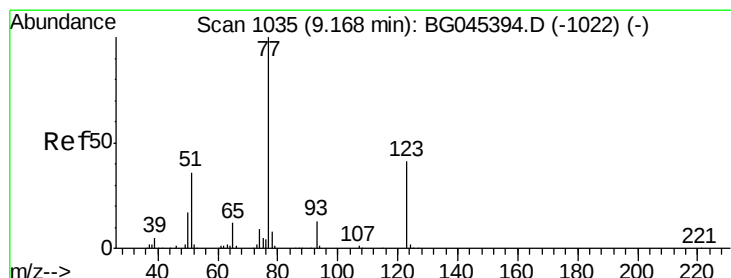
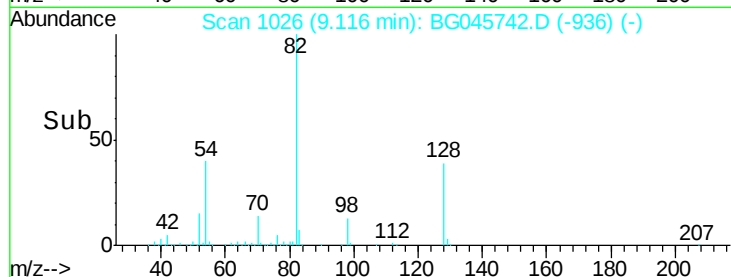
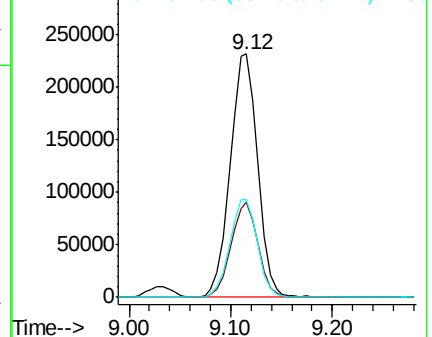
82 100

128 38.9 30.9 46.3

54 40.0 30.3 45.5



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



#24

Nitrobenzene

Concen: 48.519 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

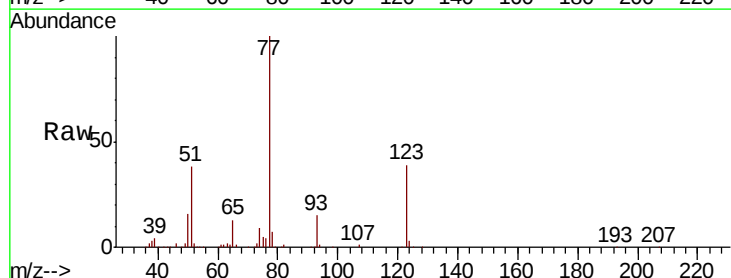
Tgt Ion: 77 Resp: 229514

Ion Ratio Lower Upper

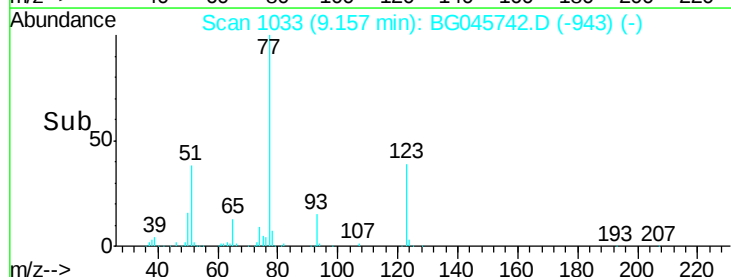
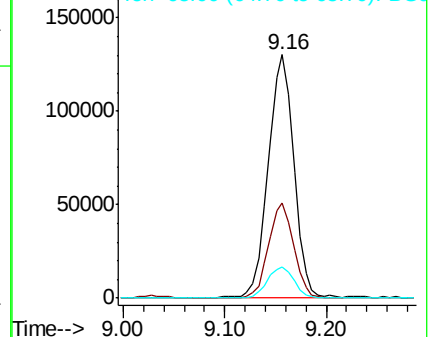
77 100

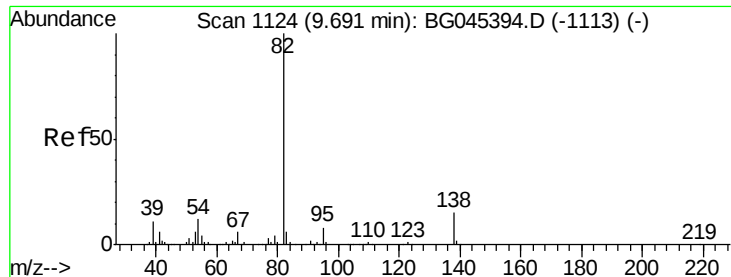
123 38.9 32.9 49.3

65 12.7 9.4 14.2



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





#25

Isophorone

Concen: 47.662 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

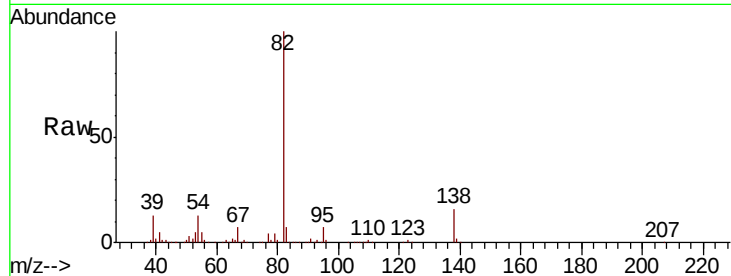
Tot Ion: 82 Resp: 414424

Ion Ratio Lower Upper

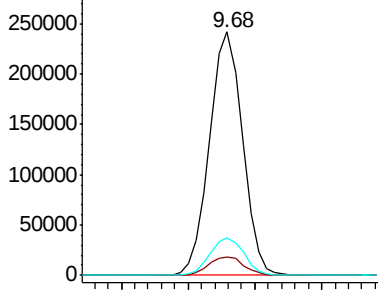
82 100

95 7.4 6.7 10.1

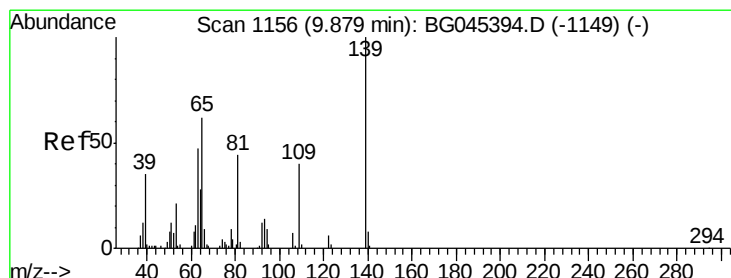
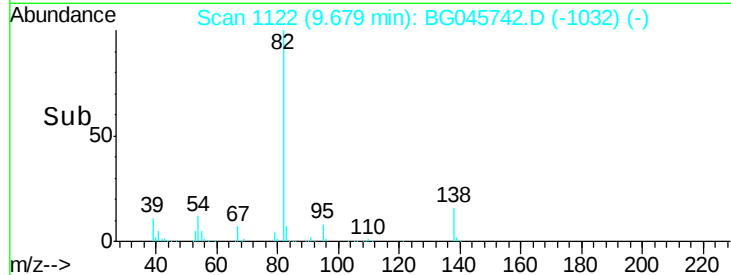
138 15.7 12.2 18.4



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



Time-->



#26

2-Nitrophenol

Concen: 50.310 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

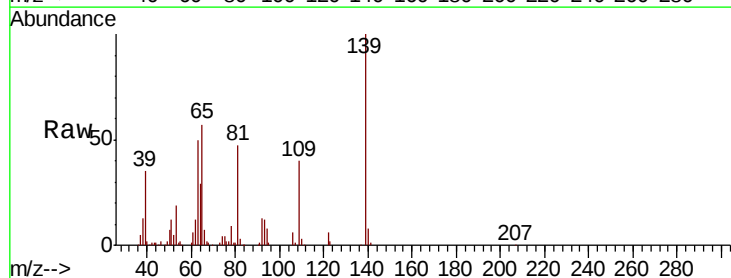
Tgt Ion: 139 Resp: 101807

Ion Ratio Lower Upper

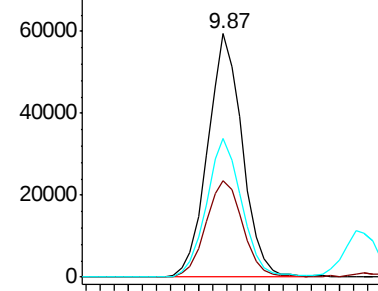
139 100

109 39.6 32.2 48.4

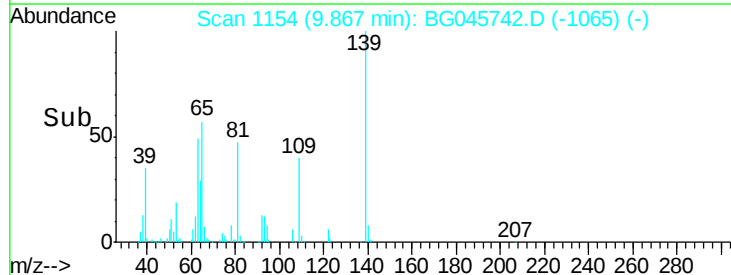
65 57.1 49.6 74.4

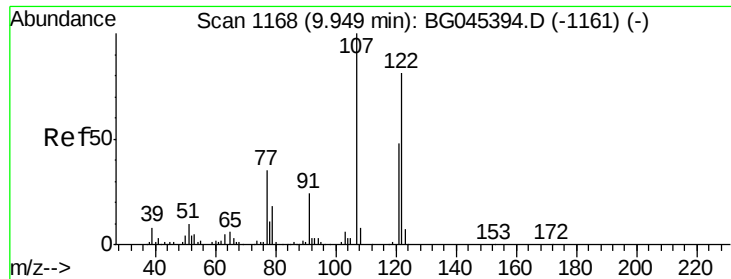


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->

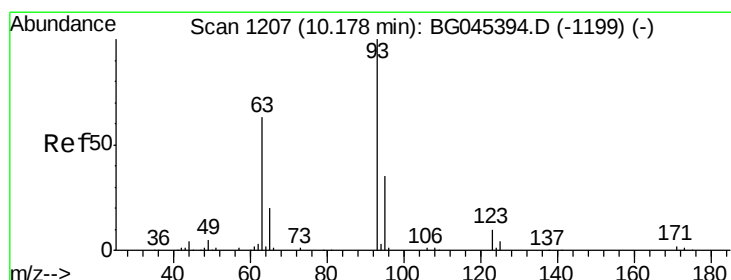
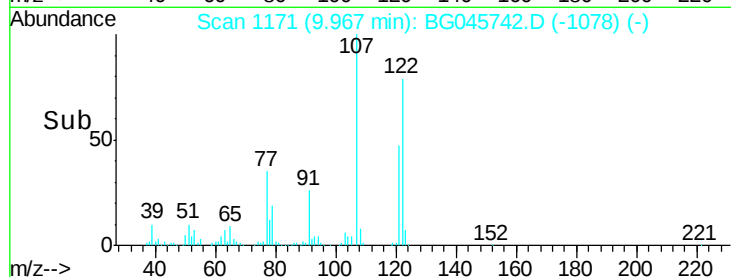
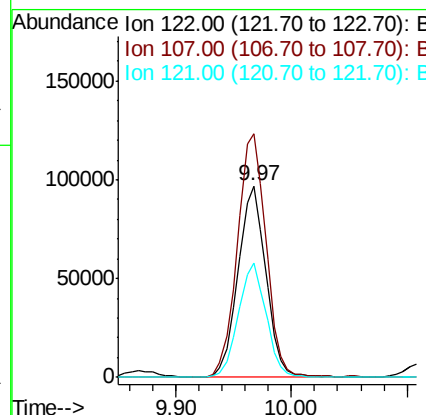
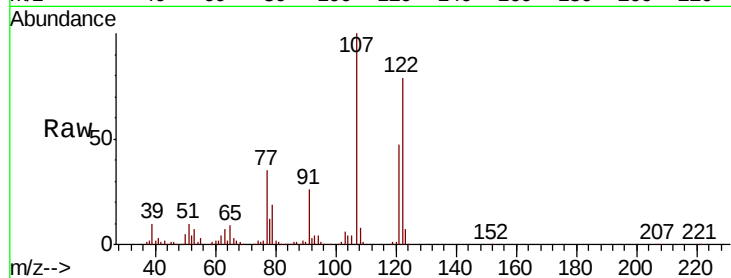




#27
 2,4-Dimethylphenol
 Concen: 54.241 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.02 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

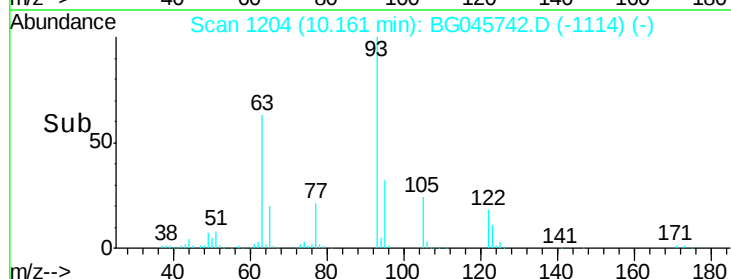
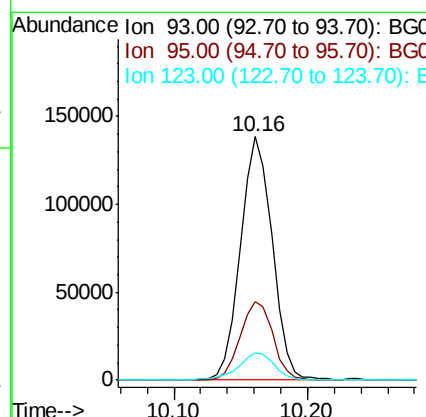
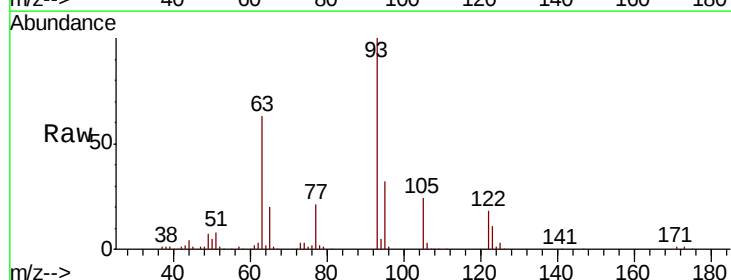
Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.3	99.0	148.4
121	60.0	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.080 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	11.4	8.1	12.1

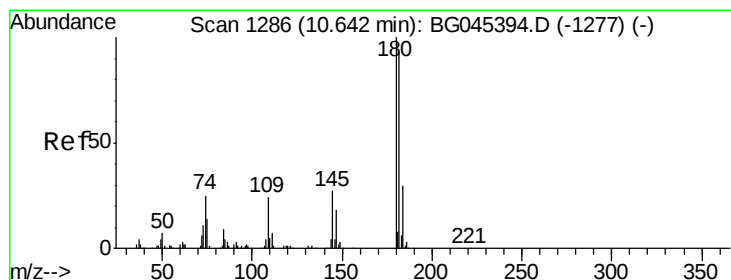
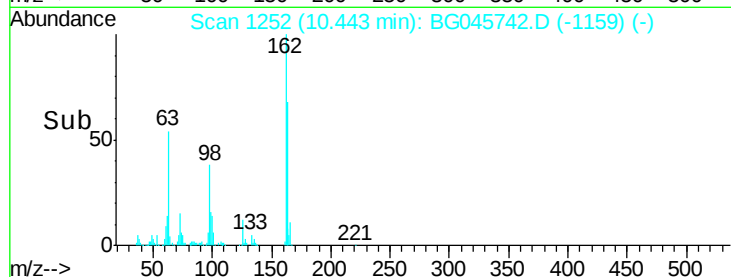
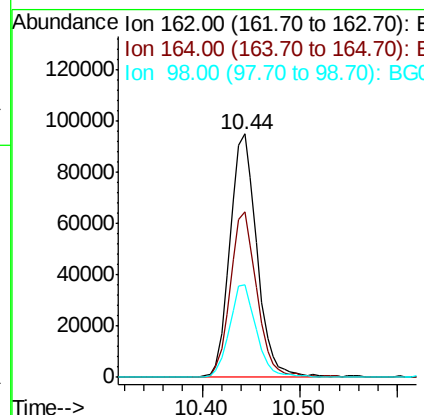
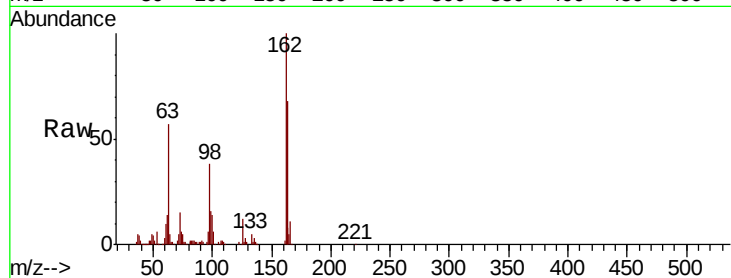




#29
 2,4-Dichlorophenol
 Concen: 51.448 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.02 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

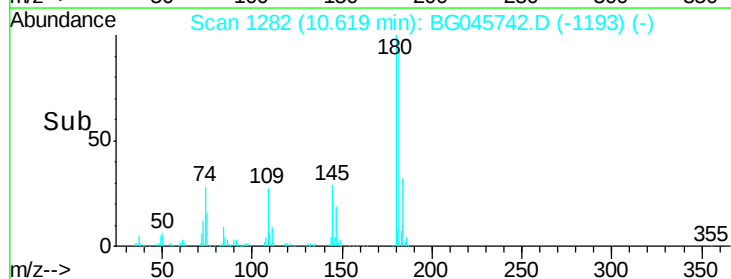
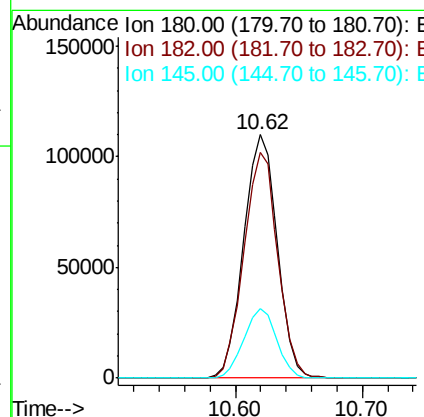
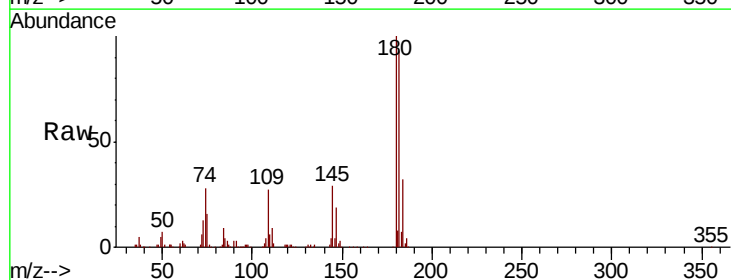
Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

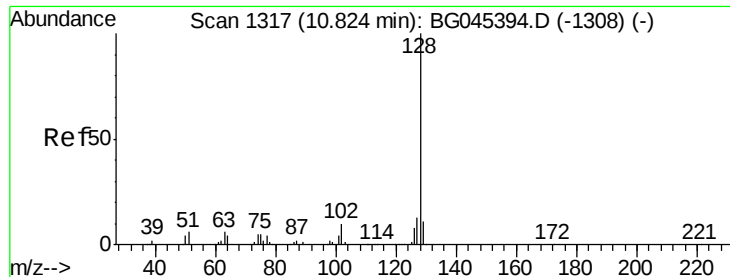
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	46.8	86.8
98	37.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.143 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.8	112.2
145	28.6	21.9	32.9

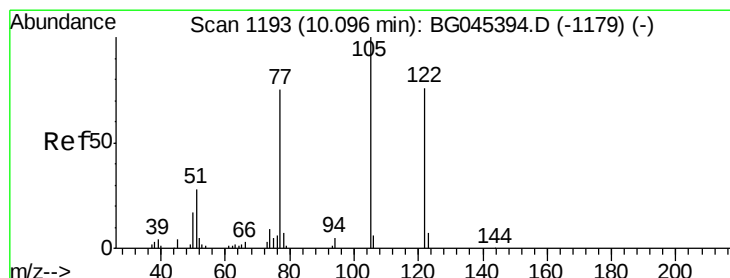
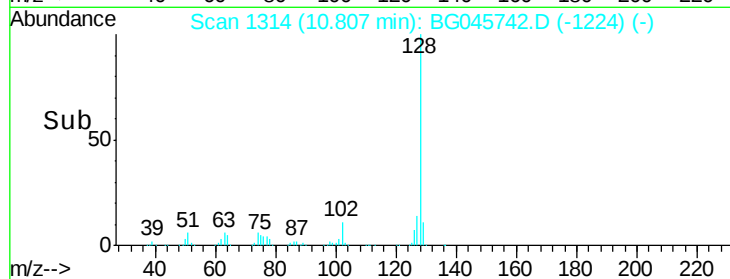
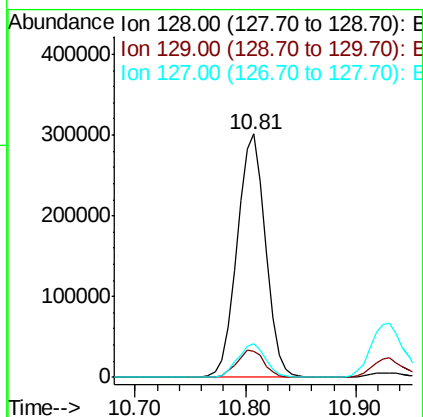
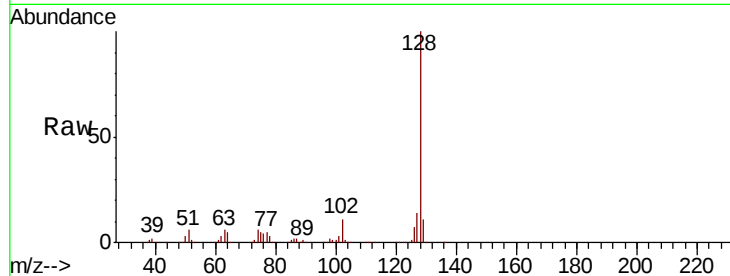




#31
Naphthalene
Concen: 48.502 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

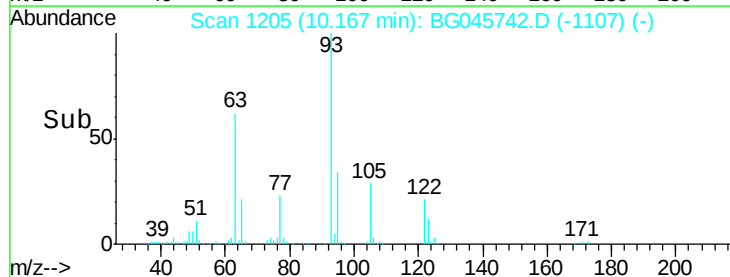
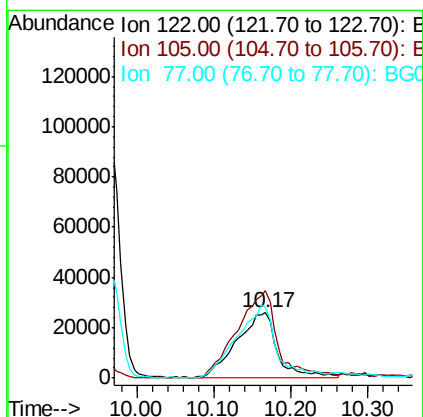
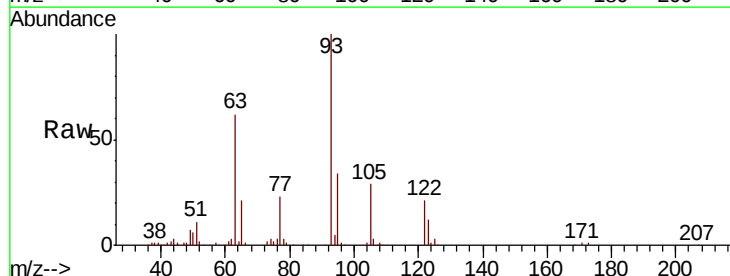
Instrument :
BNA_G
ClientSampleId :
PB129479BS

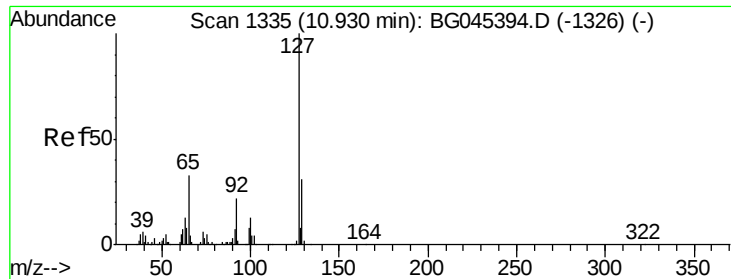
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 47.536 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	107.9	147.9
77	108.1	78.9	118.9

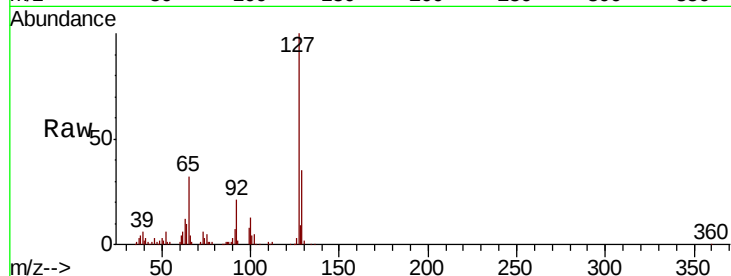




#33
4-Chloroaniline
Concen: 30.687 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.4	24.7	37.1
65	31.8	26.2	39.2
92	20.8	17.9	26.9



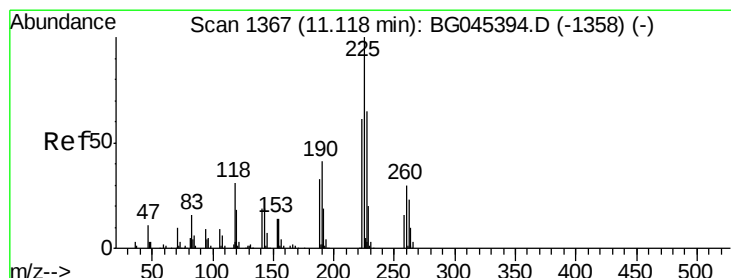
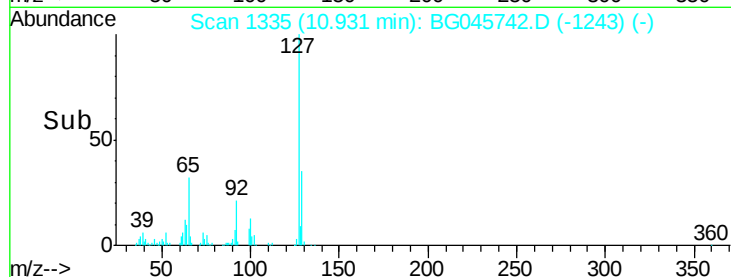
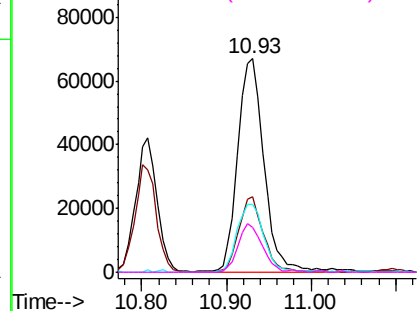
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

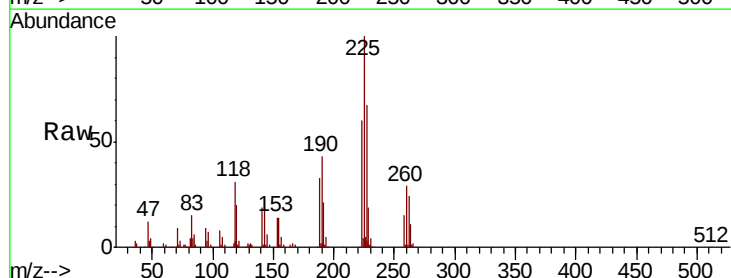
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 47.225 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.1	73.7
227	66.7	52.0	78.0

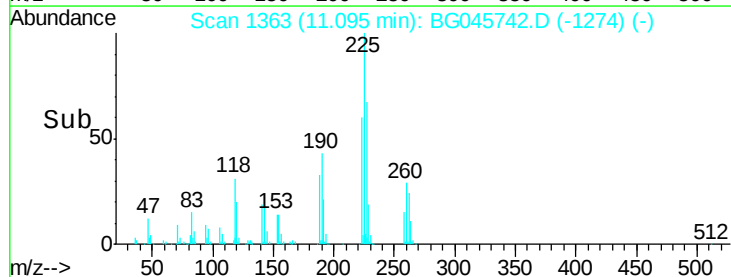
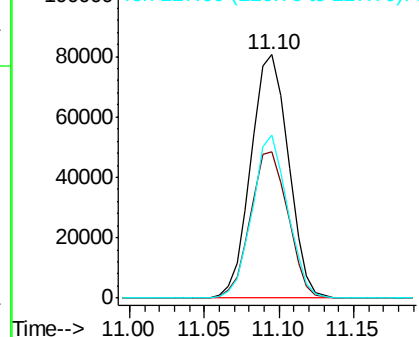


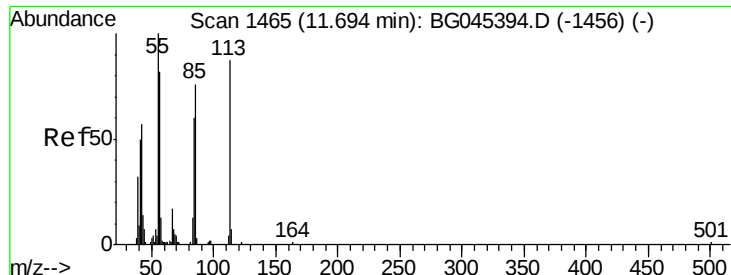
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

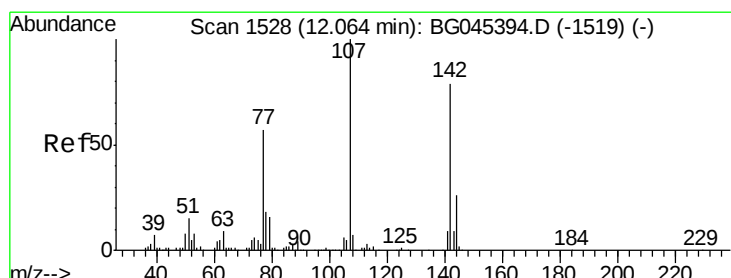
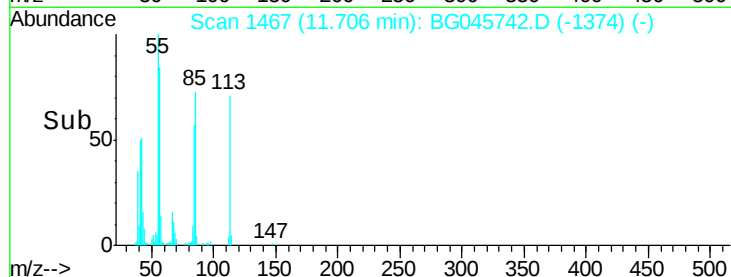
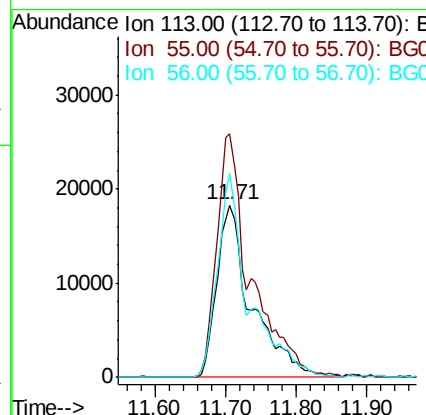
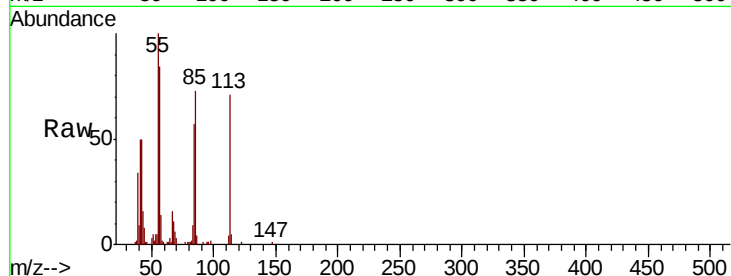




#35
 Caprolactam
 Concen: 48.142 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

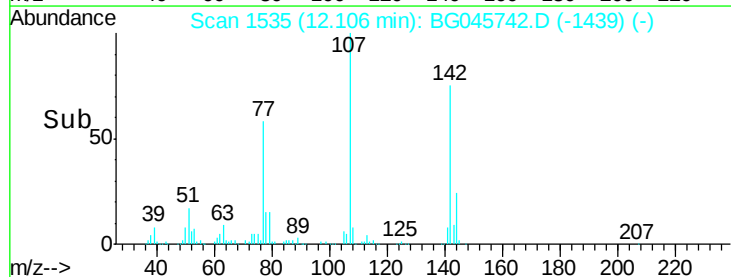
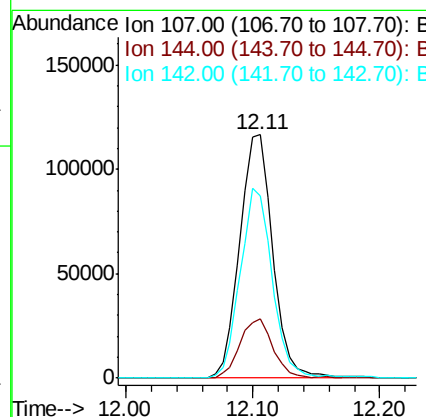
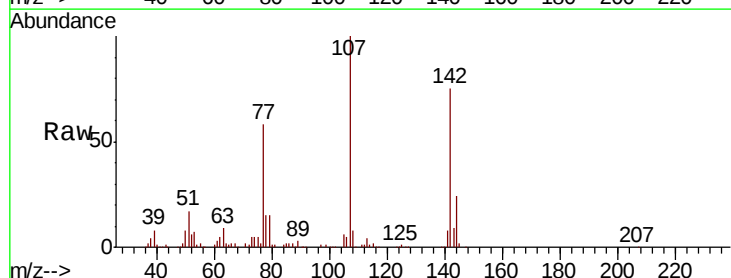
Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

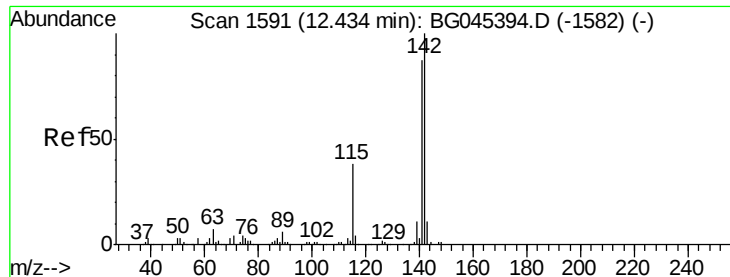
Tot Ion:113 Resp: 62627
 Ion Ratio Lower Upper
 113 100
 55 141.6 96.0 136.0#
 56 118.4 75.1 115.1#



#36
 4-Chloro-3-methylphenol
 Concen: 52.822 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.04 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion:107 Resp: 210954
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 74.7 62.8 94.2

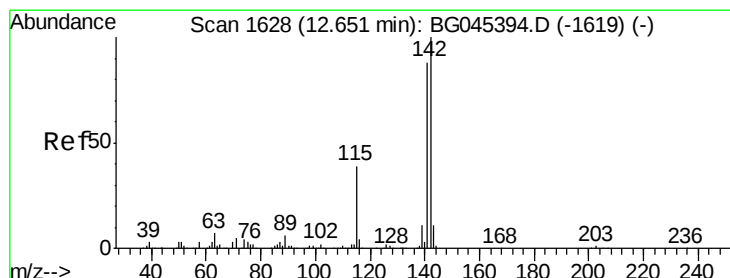
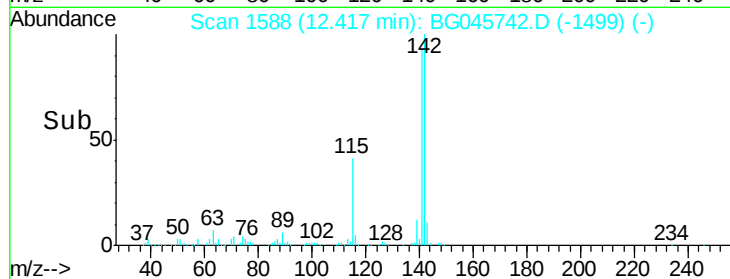
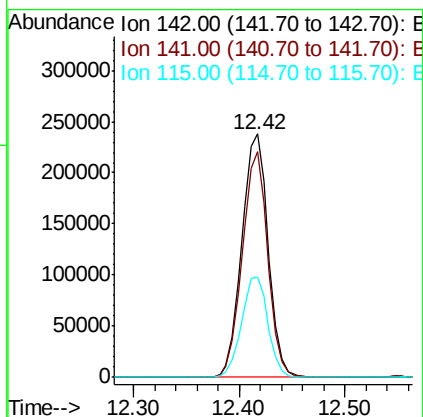
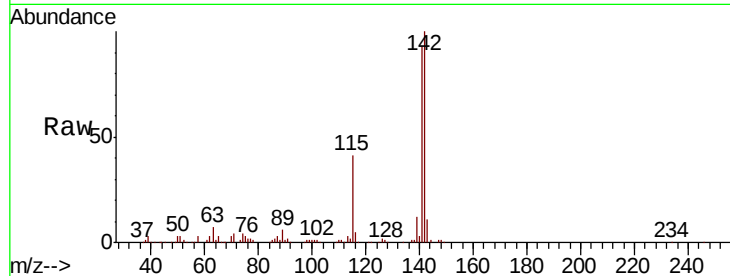




#37
2-Methylnaphthalene
Concen: 49.142 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

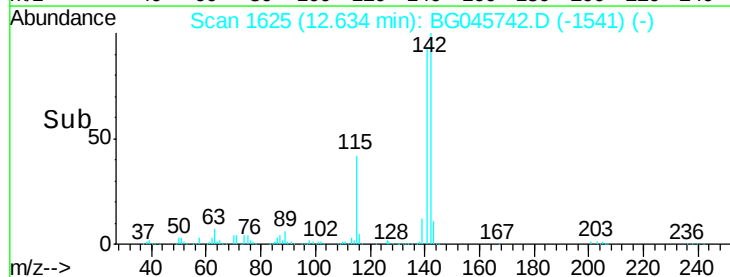
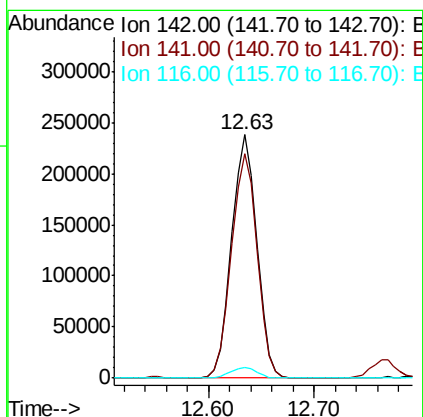
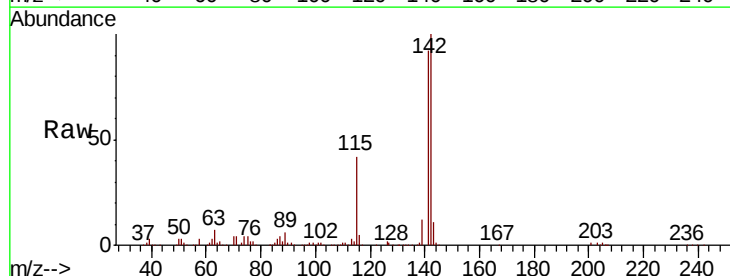
Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.0	105.0
115	41.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 49.481 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampled :

PB129479BS

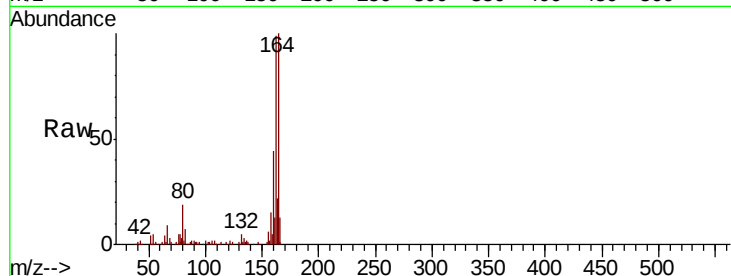
Tot Ion:164 Resp: 169096

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

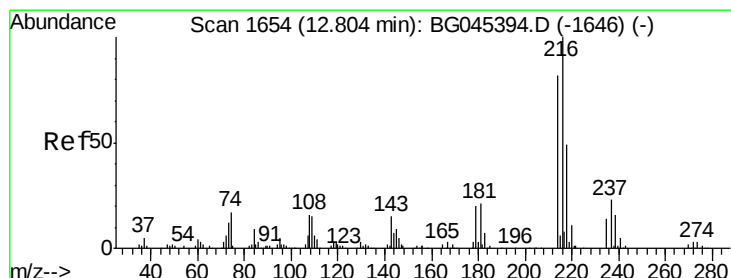
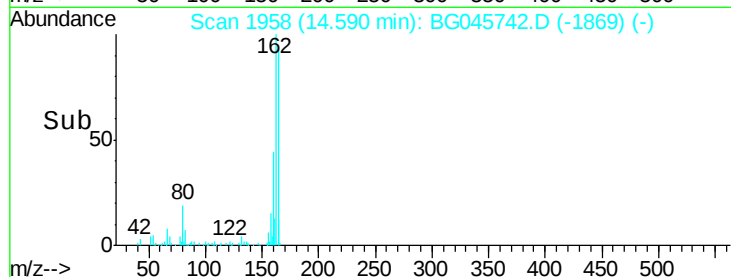
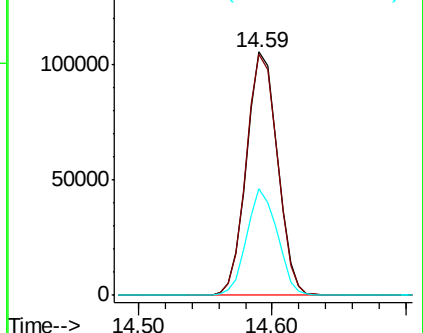
160 44.0 33.8 50.8



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: 48.717 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Tgt Ion:216 Resp: 230096

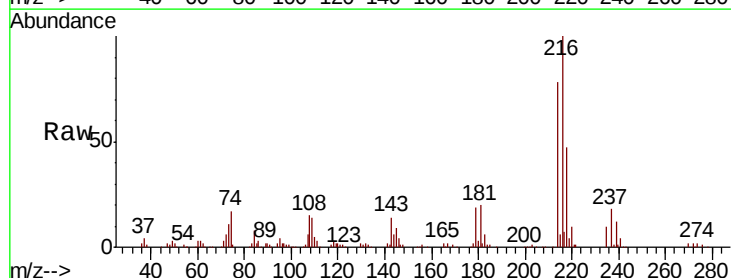
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.0 16.1 24.1

108 19.5 13.8 20.6

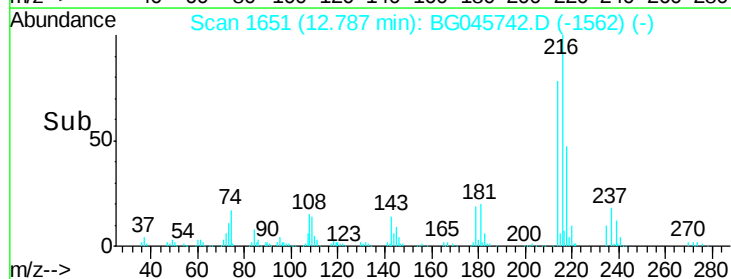
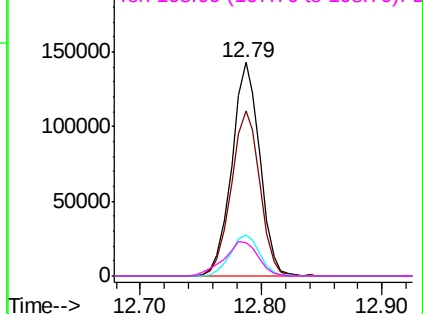


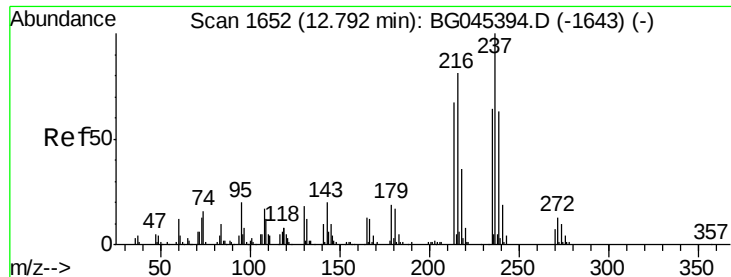
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.789 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

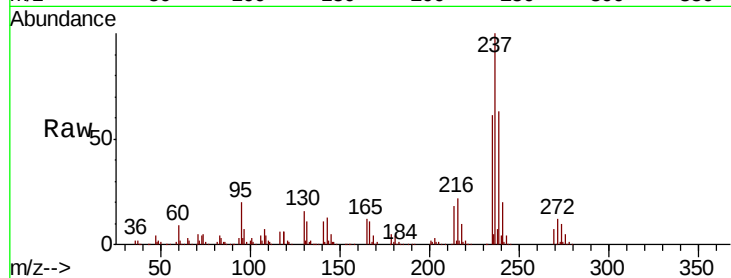
Tot Ion:237 Resp: 274760

Ion Ratio Lower Upper

237 100

235 60.9 44.4 84.4

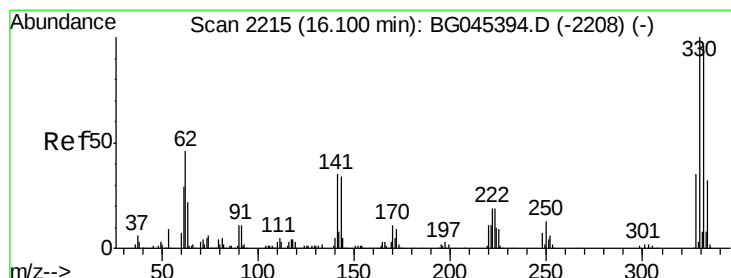
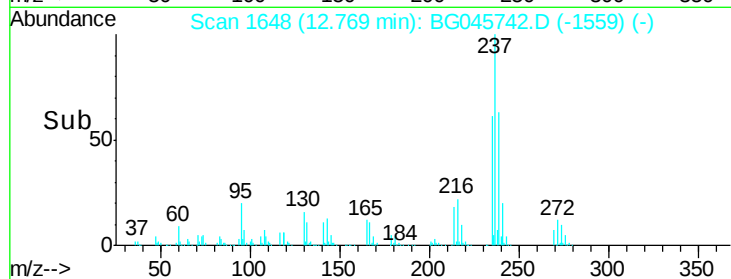
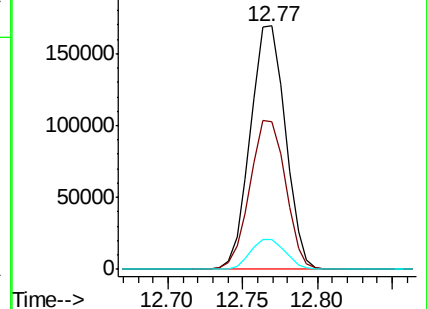
272 12.3 0.0 32.5



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: 143.752 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

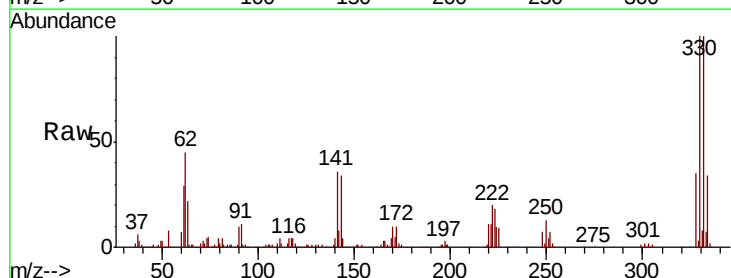
Tgt Ion:330 Resp: 310871

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.4

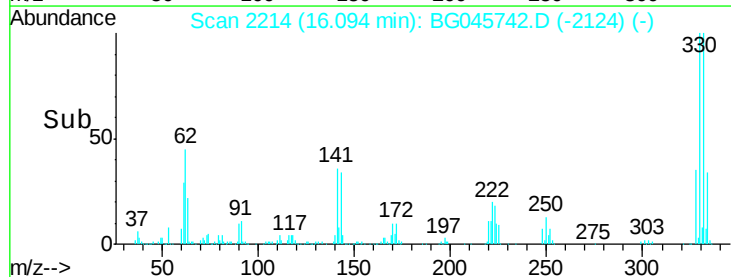
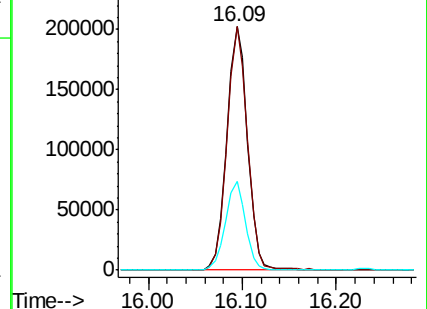
141 35.2 28.2 42.4

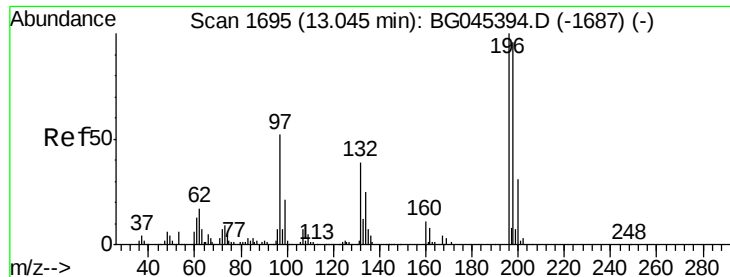


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

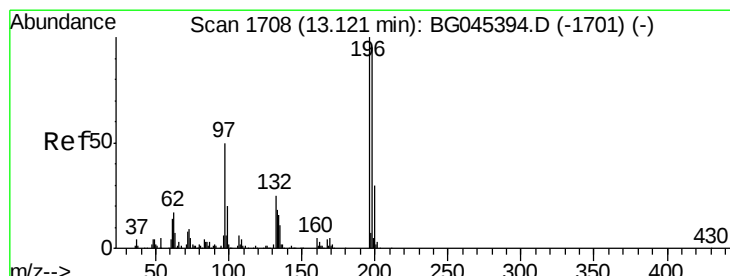
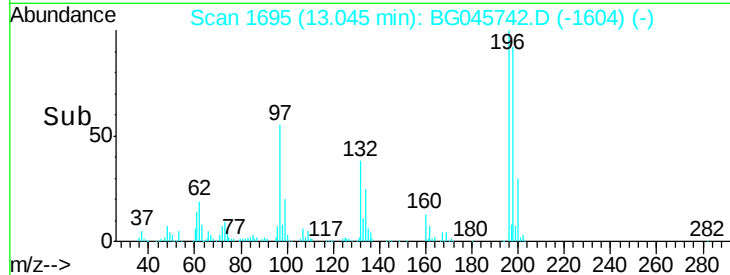
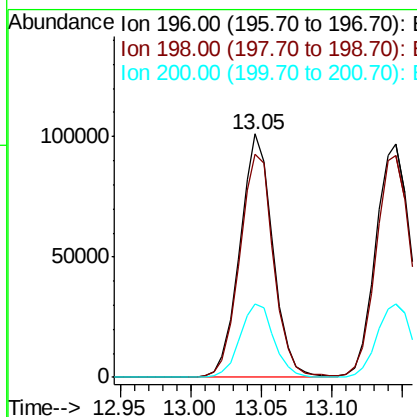
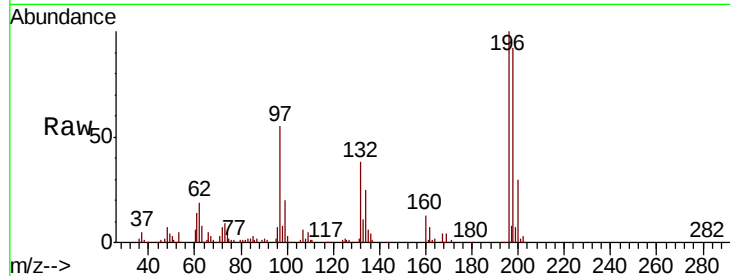




#43
 2,4,6-Trichlorophenol
 Concen: 50.239 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

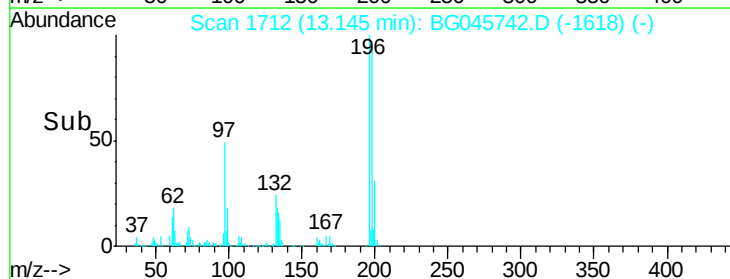
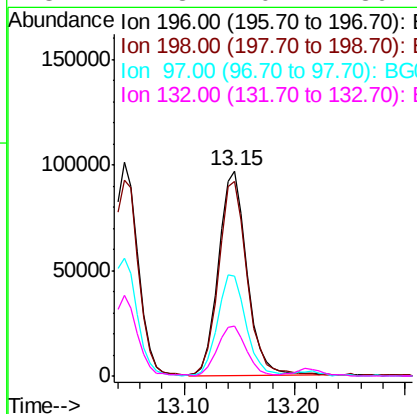
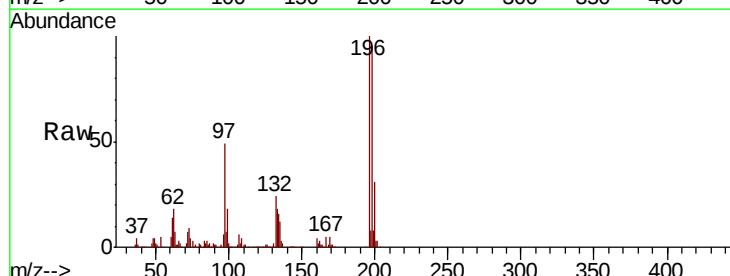
Instrument :
 BNA_G
 ClientSampled :
 PB129479BS

Tot Ion:196 Resp: 164831
 Ion Ratio Lower Upper
 196 100
 198 91.8 76.7 115.1
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.461 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.02 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion:196 Resp: 174194
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.1 114.1
 97 48.5 40.0 60.0
 132 24.3 20.2 30.2

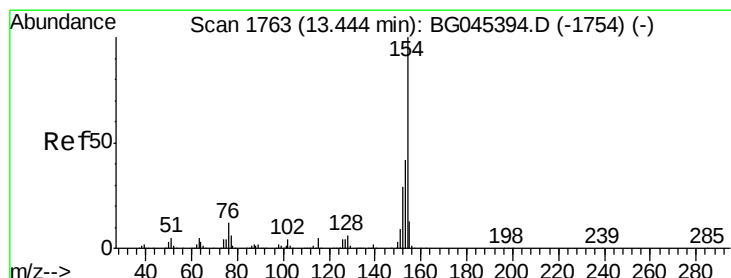
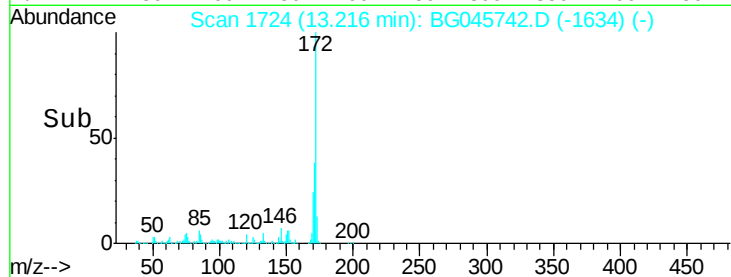
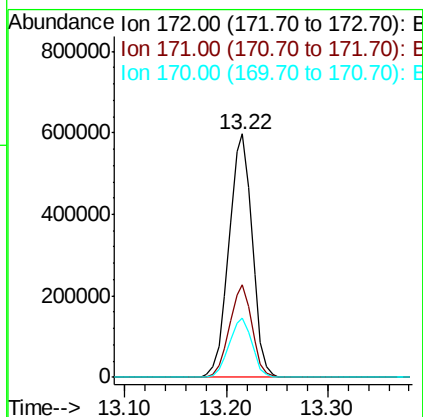
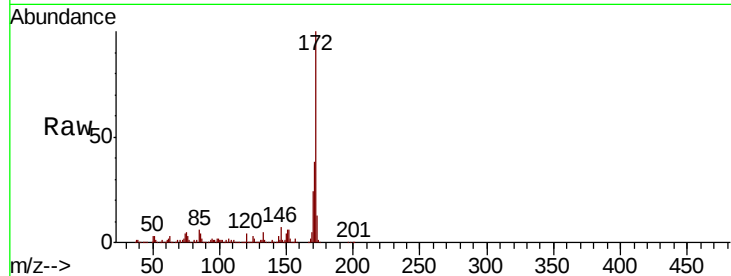




#45
2-Fluorobiphenyl
Concen: 94.994 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

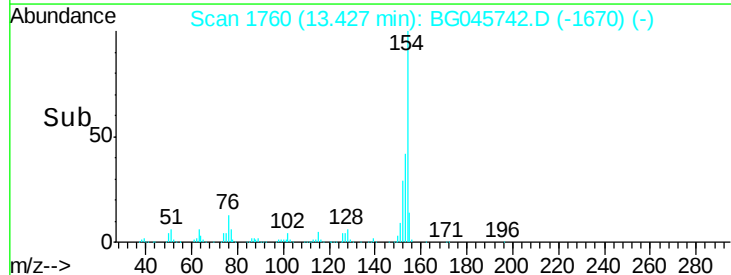
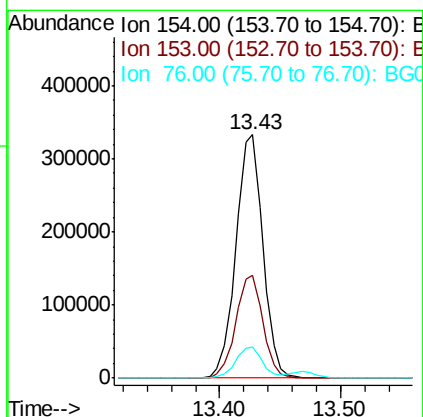
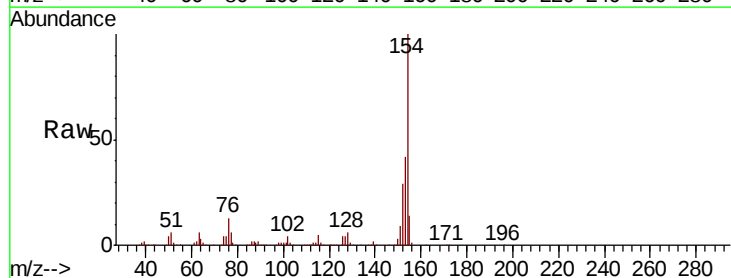
Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.5	44.3
170	24.2	18.5	27.7



#46
1,1'-Biphenyl
Concen: 49.912 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	12.7	0.0	32.4

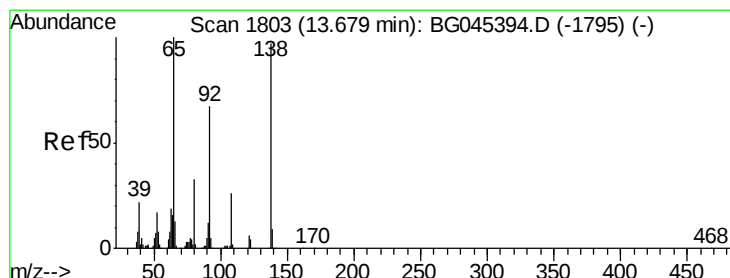
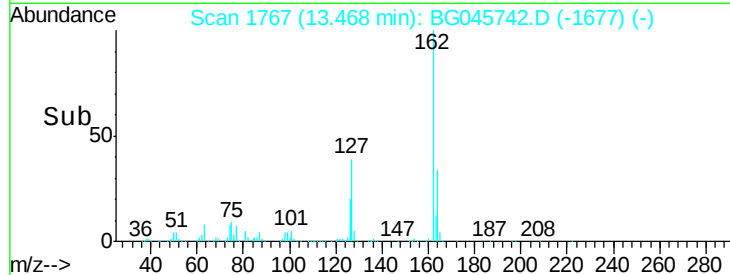
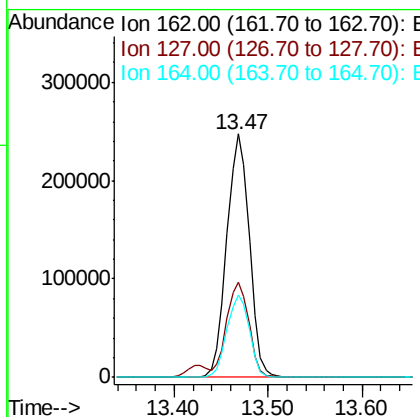
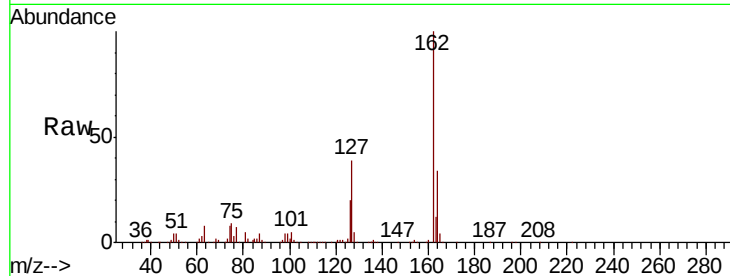




#47
 2-Chloronaphthalene
 Concen: 49.012 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

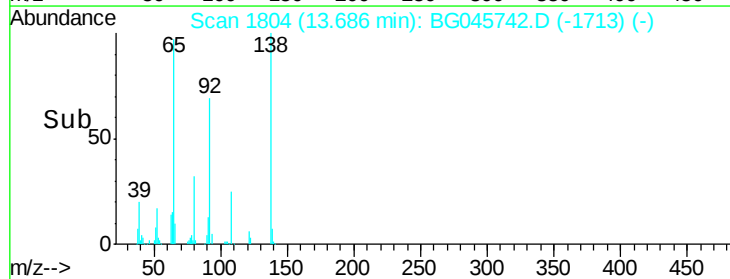
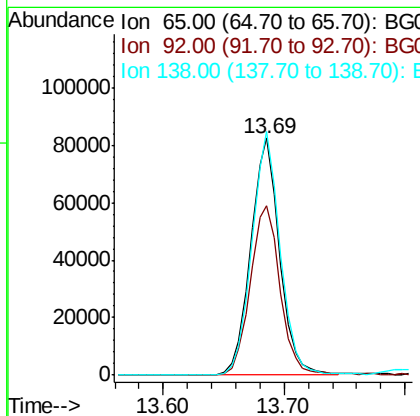
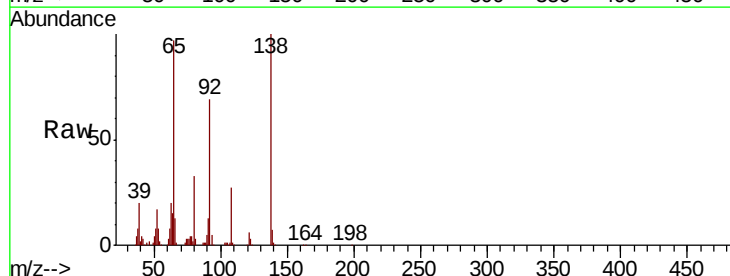
Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

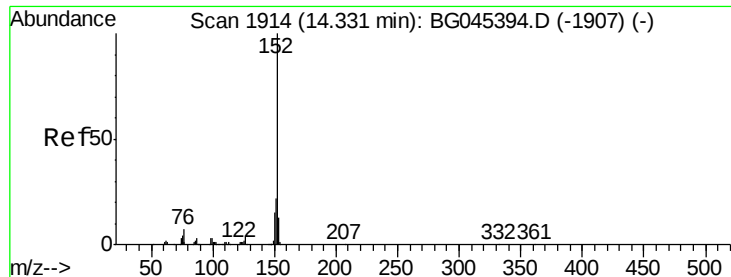
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	34.0	28.1	42.1



#48
 2-Nitroaniline
 Concen: 49.464 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.8	80.8
138	102.7	77.9	116.9





#49

Acenaphthylene

Concen: 48.398 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

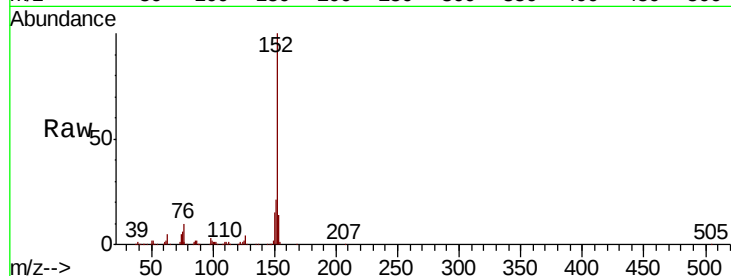
Tot Ion:152 Resp: 655901

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.2

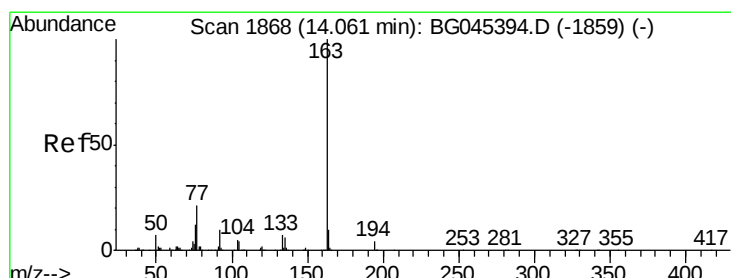
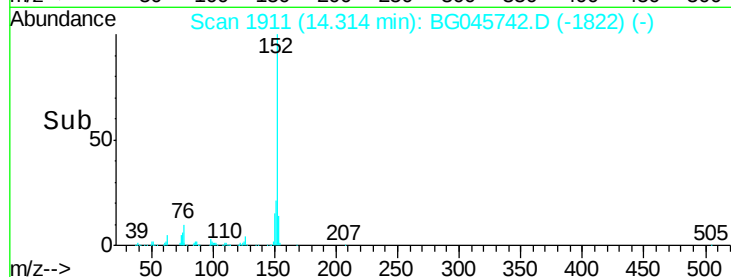
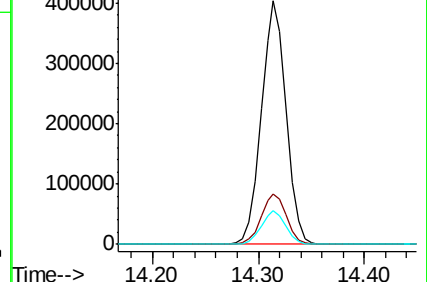
153 13.8 10.7 16.1



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: 47.467 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

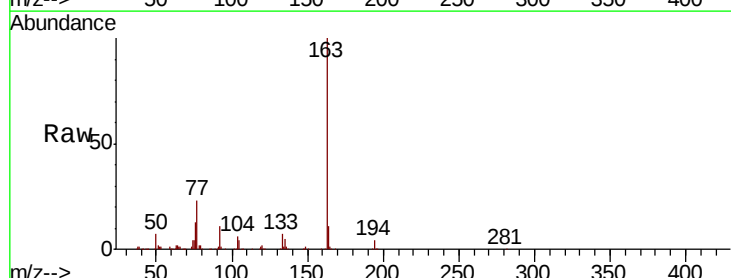
Tgt Ion:163 Resp: 550616

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

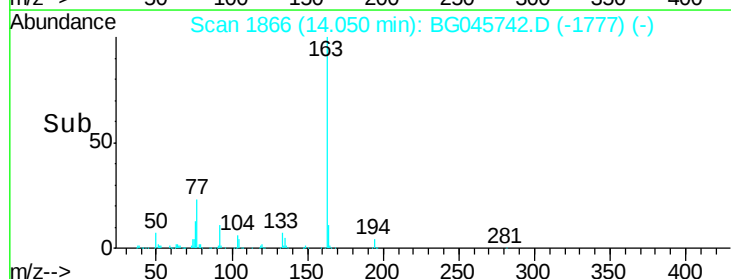
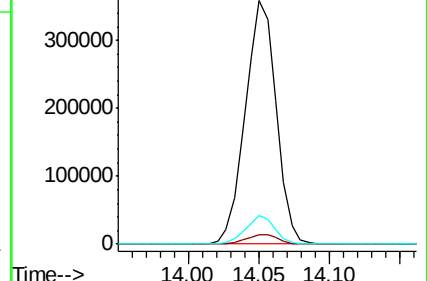
164 11.5 8.3 12.5

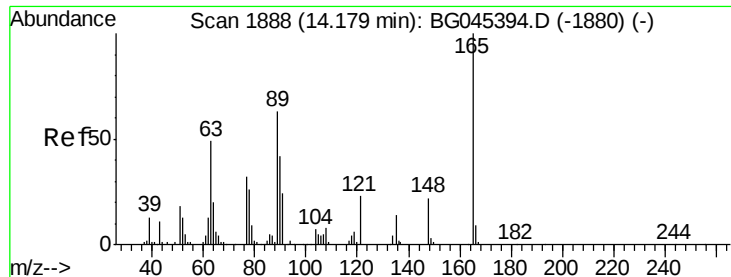


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

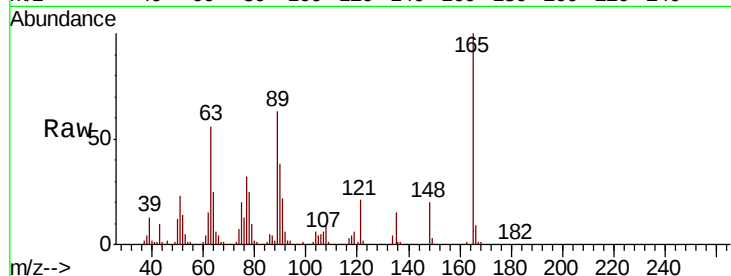




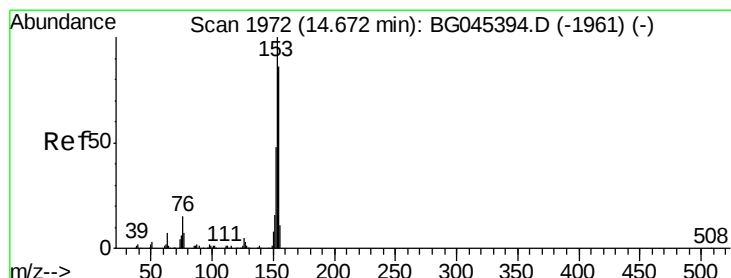
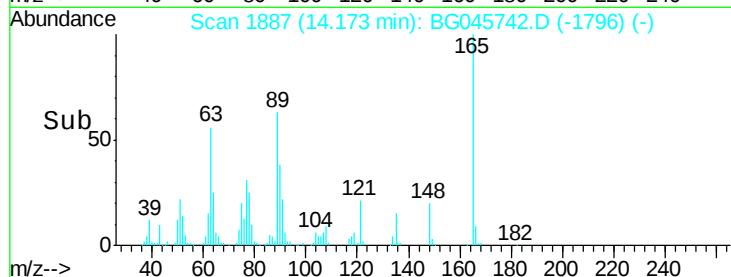
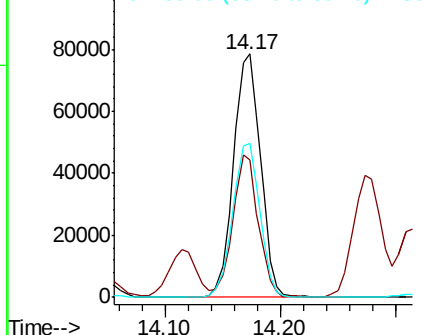
#51
 2,6-Dinitrotoluene
 Concen: 48.346 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129479BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	45.0	67.4
89	63.5	50.2	75.4

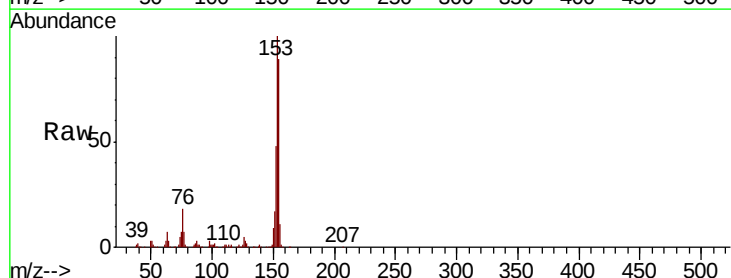


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

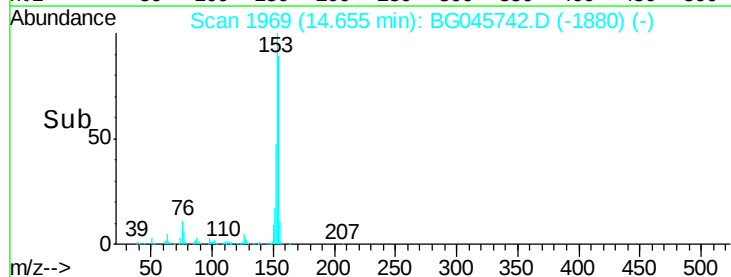
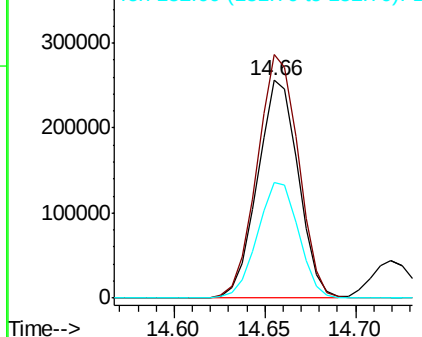


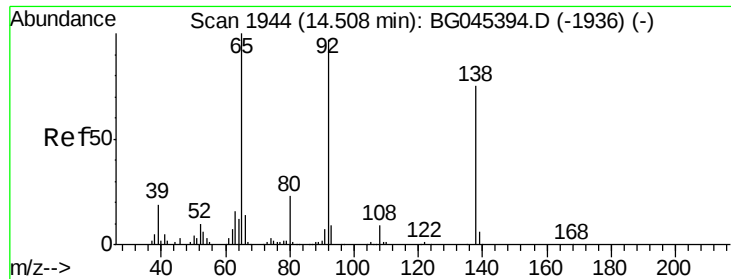
#52
 Acenaphthene
 Concen: 44.058 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045742.D
 Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	92.8	139.2
152	53.3	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

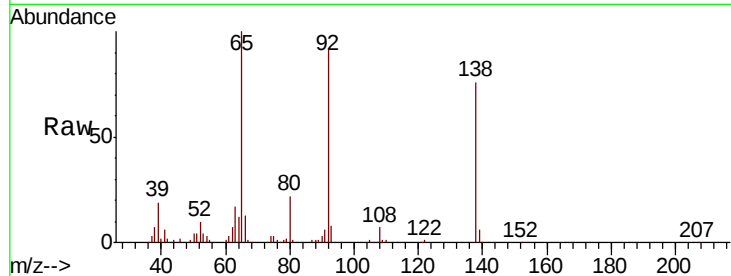




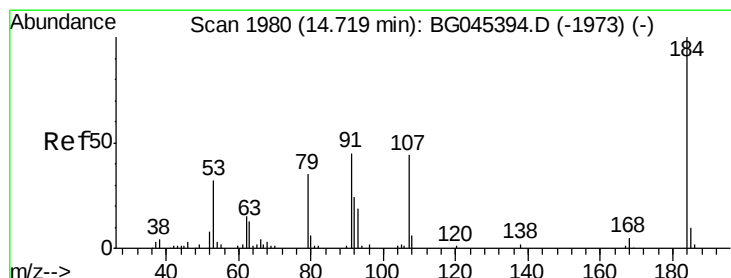
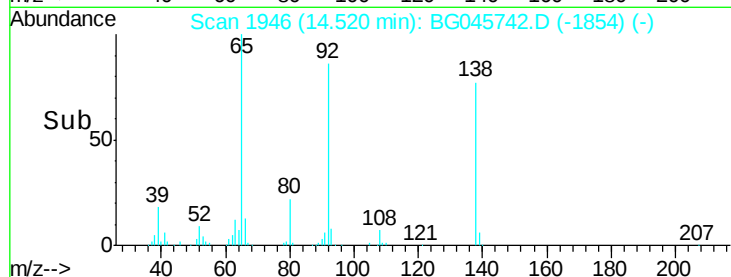
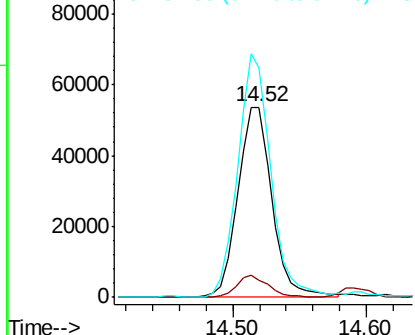
#53
3-Nitroaniline
Concen: 35.544 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion:138 Resp: 94576
Ion Ratio Lower Upper
138 100
108 9.2 9.8 14.6#
92 120.8 103.0 154.4

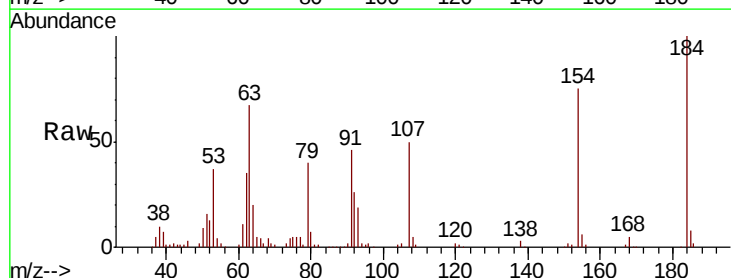


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

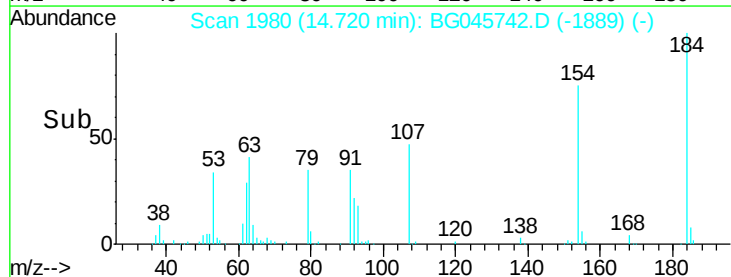
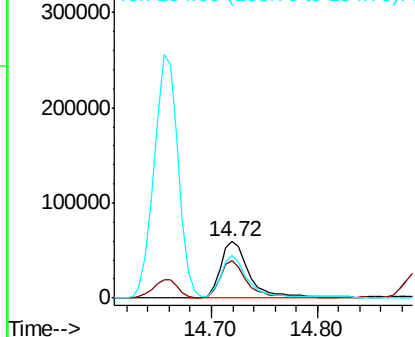


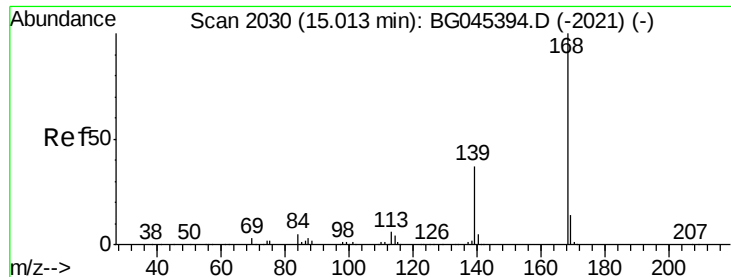
#54
2,4-Dinitrophenol
Concen: 67.282 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:184 Resp: 113767
Ion Ratio Lower Upper
184 100
63 66.6 47.8 71.6
154 74.6 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

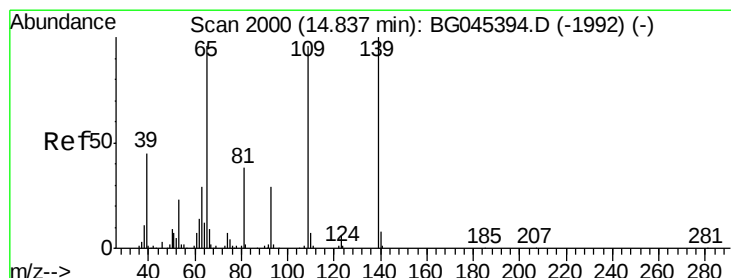
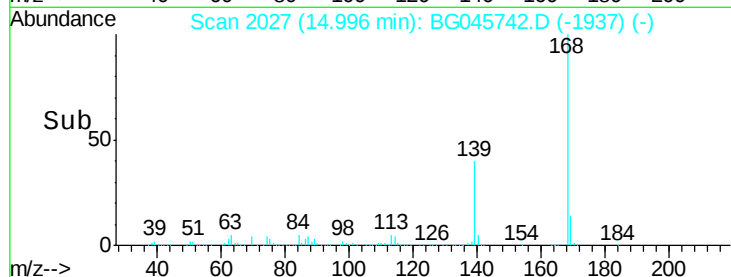
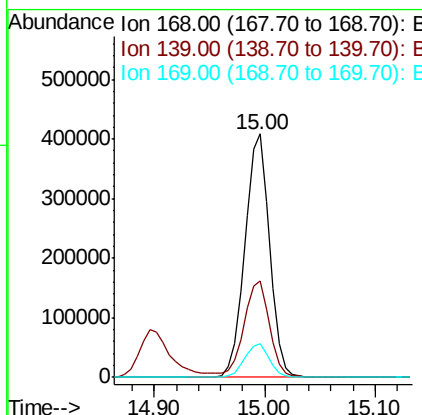
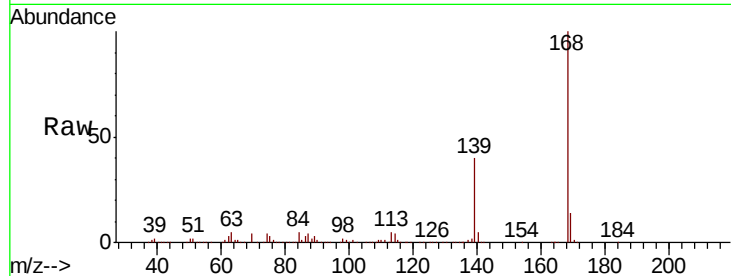




#55
Dibenzofuran
Concen: 47.461 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

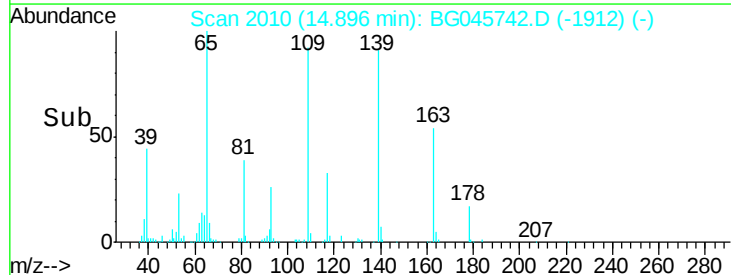
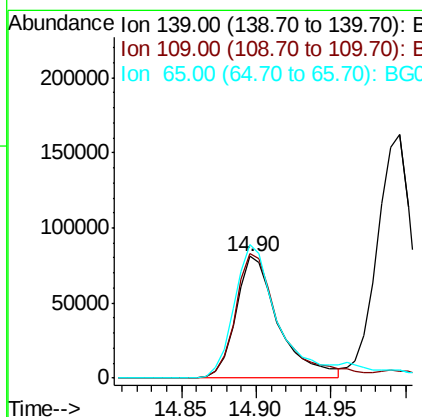
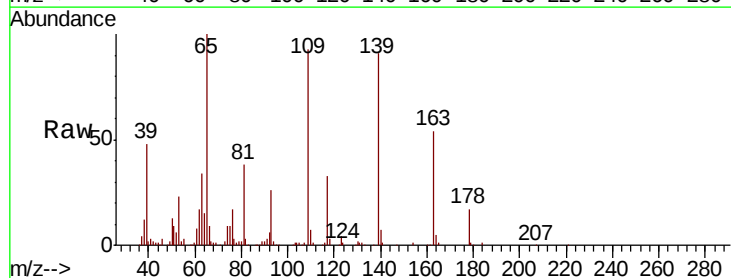
Instrument :
BNA_G
ClientSampleID :
PB129479BS

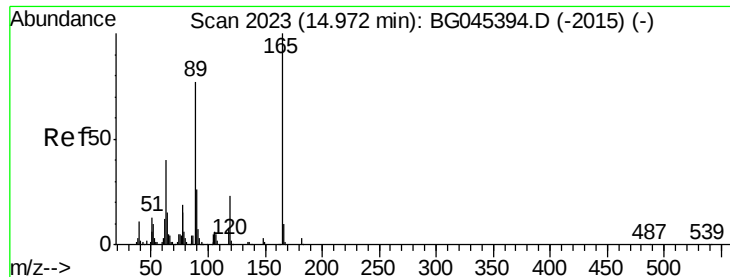
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 79.566 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.3	75.6	115.6
65	110.2	76.8	116.8

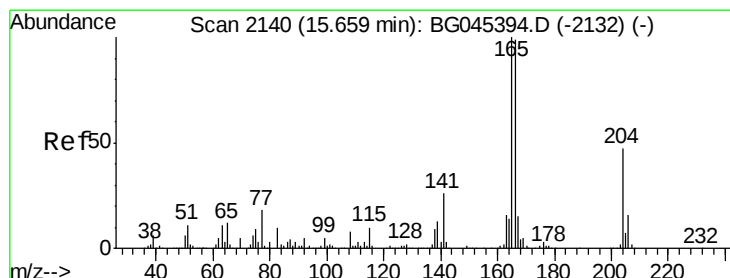
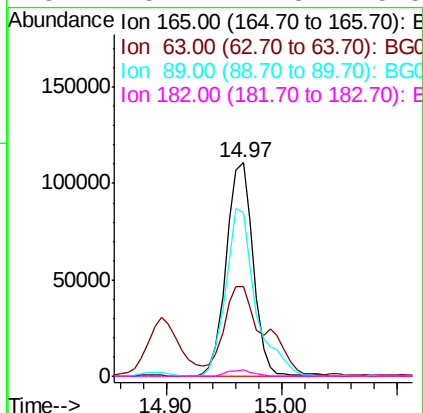
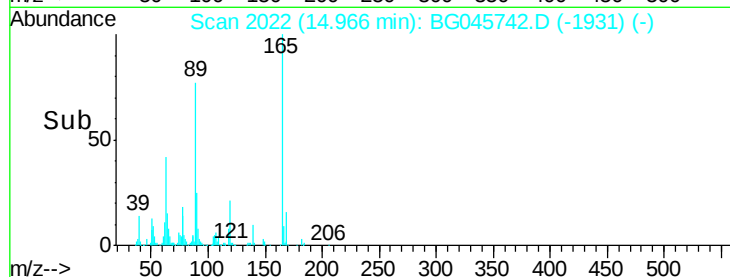
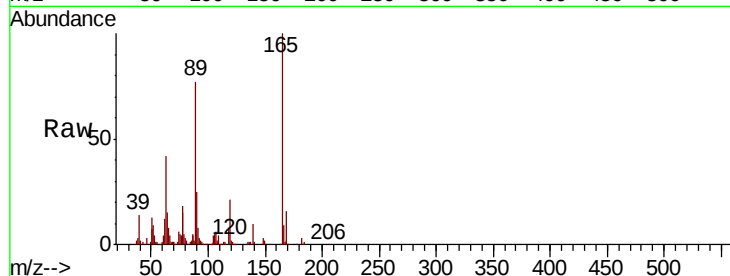




#57
2,4-Dinitrotoluene
Concen: 47.226 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

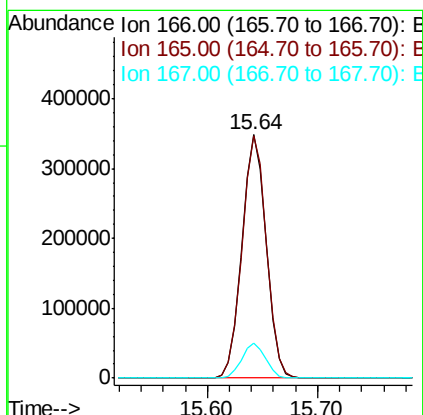
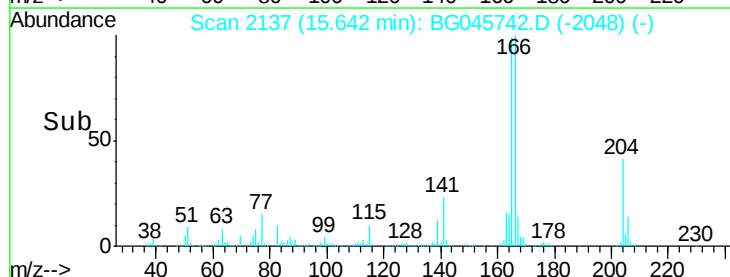
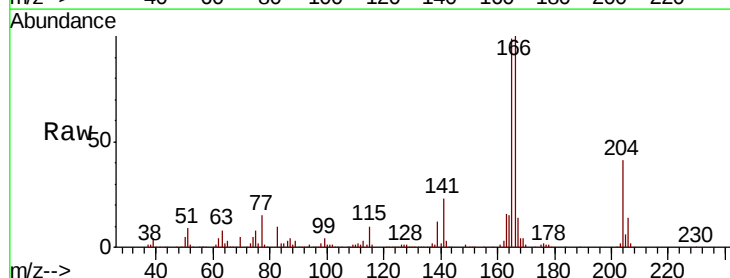
Instrument :
BNA_G
ClientSampleId :
PB129479BS

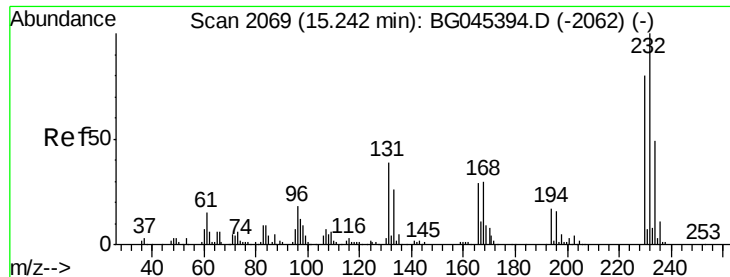
Tot Ion:165 Resp: 179028
Ion Ratio Lower Upper
165 100
63 41.8 32.5 48.7
89 76.6 61.8 92.6
182 3.2 2.3 3.5



#58
Fluorene
Concen: 48.524 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:166 Resp: 537040
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 14.5 12.0 18.0

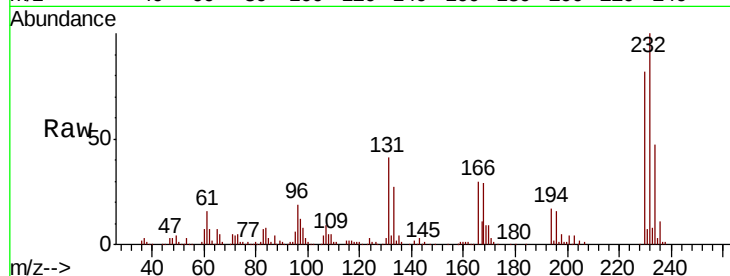




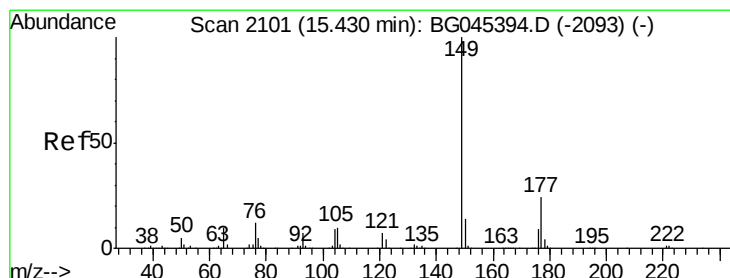
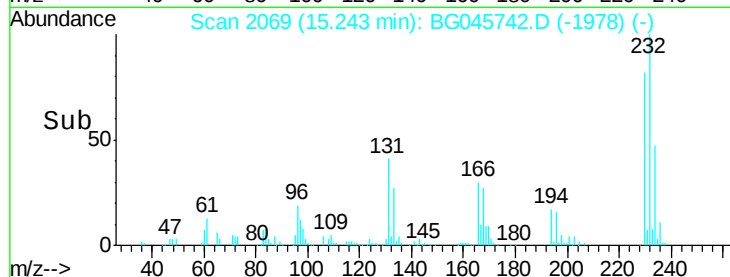
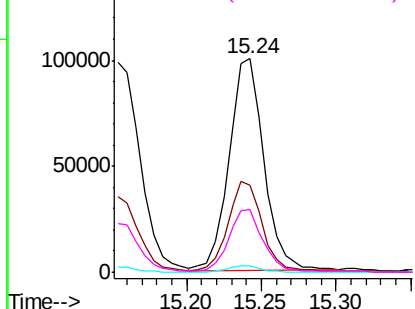
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.001 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion:232 Resp: 161631
Ion Ratio Lower Upper
232 100
131 42.4 33.7 50.5
130 2.9 2.1 3.1
166 28.9 23.2 34.8

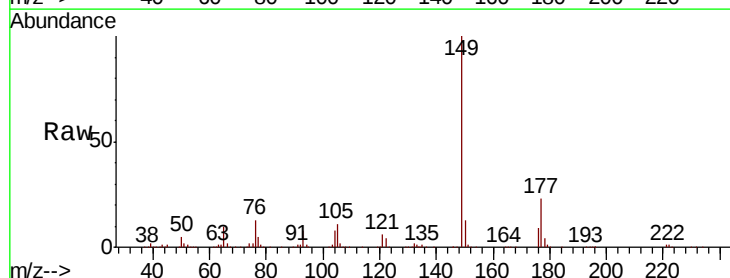


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

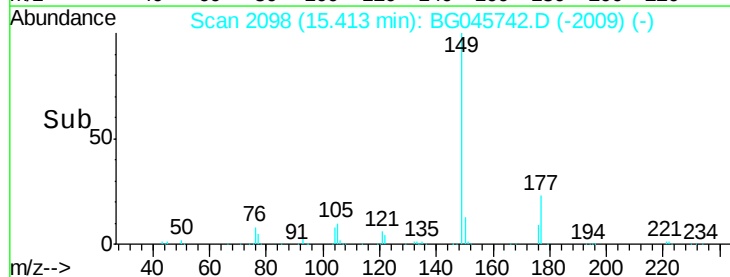
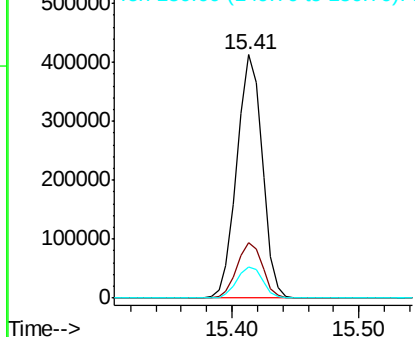


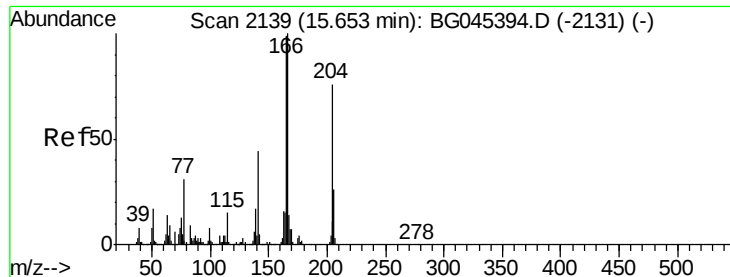
#60
Diethylphthalate
Concen: 47.332 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:149 Resp: 571467
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.4
150 12.9 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

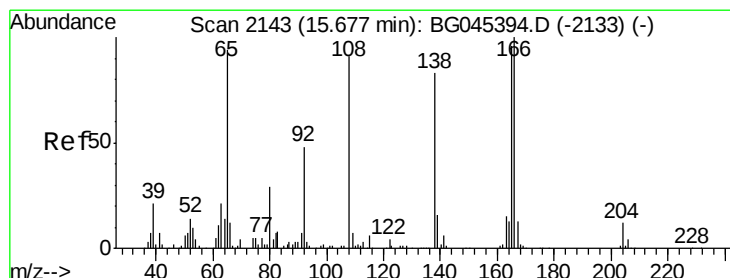
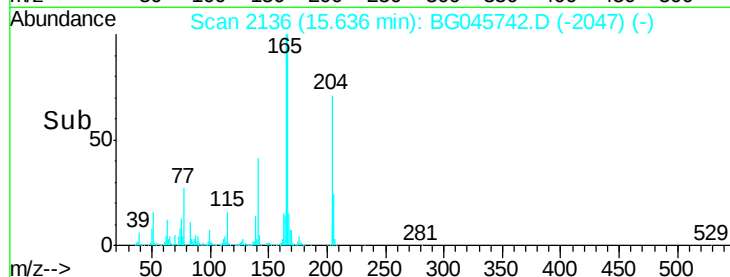
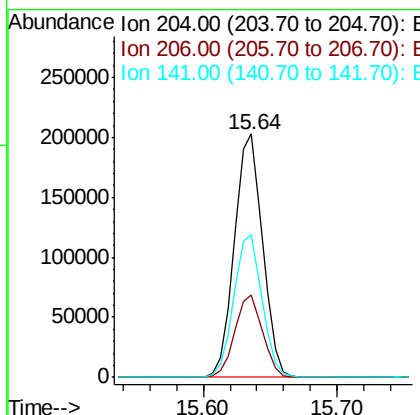
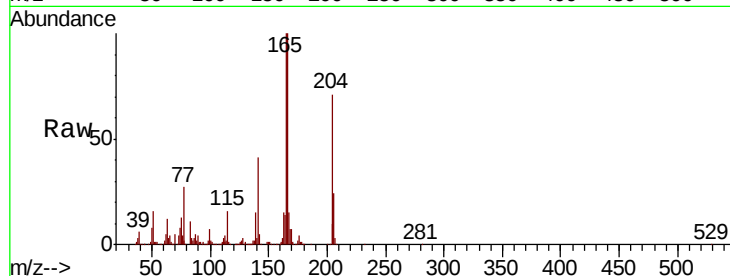




#61
4-Chlorophenyl-phenylether
Concen: 46.975 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

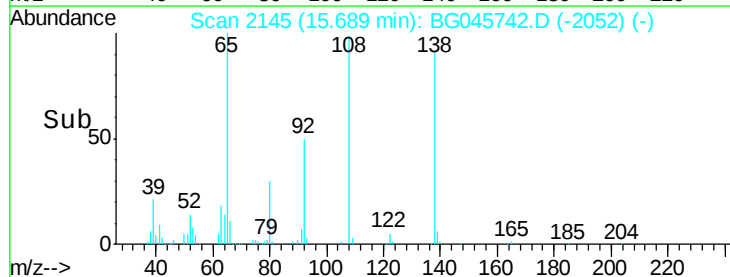
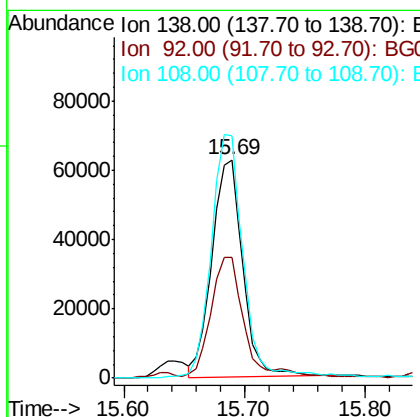
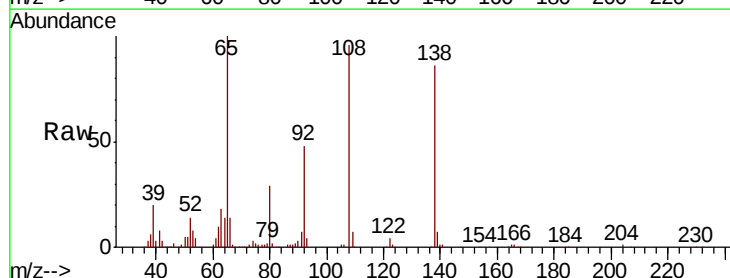
Instrument :
BNA_G
ClientSampled :
PB129479BS

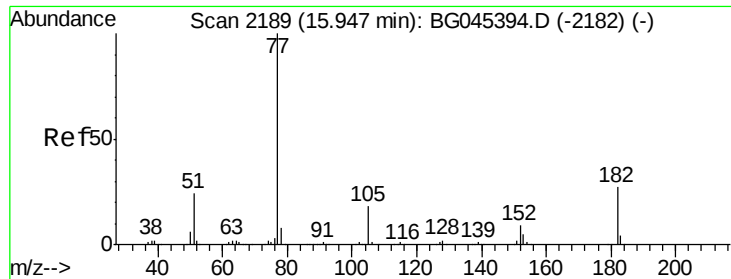
Tot Ion:204 Resp: 297504
Ion Ratio Lower Upper
204 100
206 33.9 27.3 40.9
141 58.4 45.9 68.9



#62
4-Nitroaniline
Concen: 39.757 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.02 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:138 Resp: 110436
Ion Ratio Lower Upper
138 100
92 55.2 38.0 78.0
108 111.3 89.3 129.3

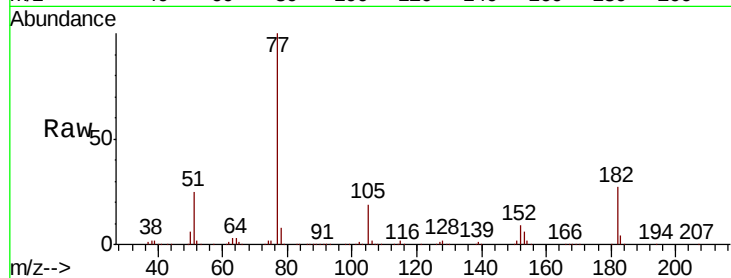




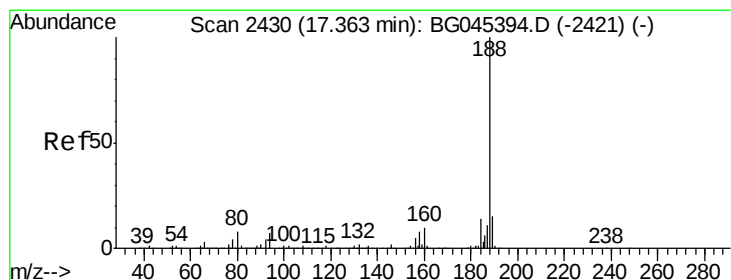
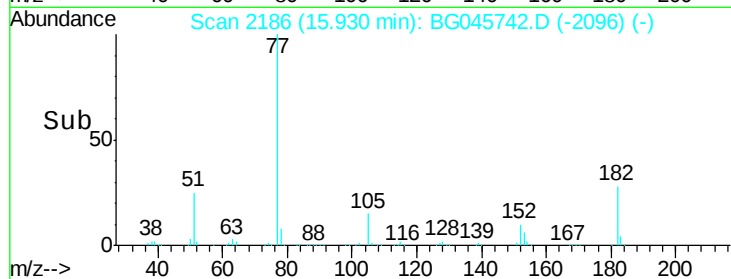
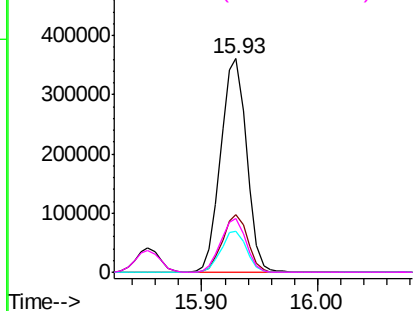
#63
Azobenzene
Concen: 49.626 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :
PB129479BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.5	46.5
105	19.5	0.0	37.9
51	25.1	4.1	44.1

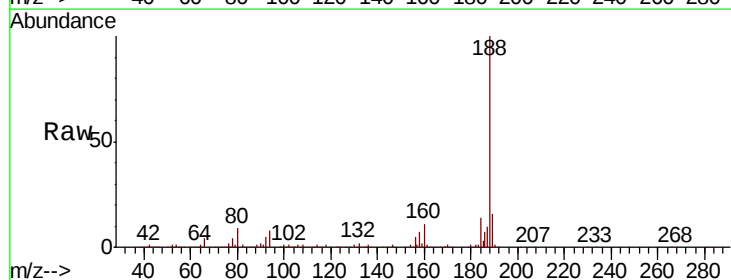


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

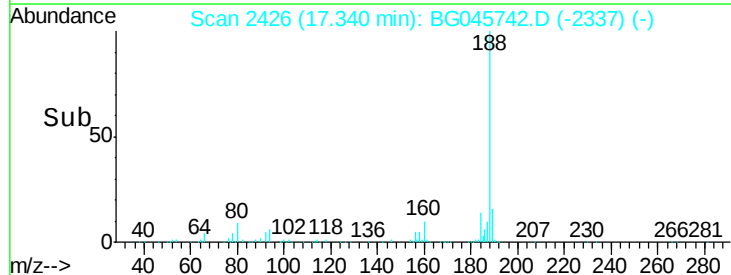
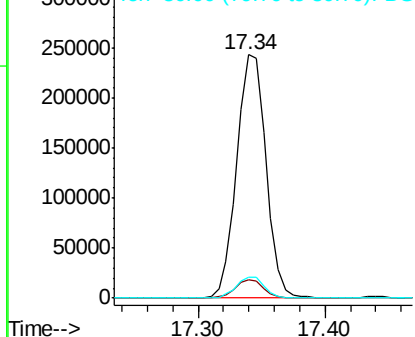


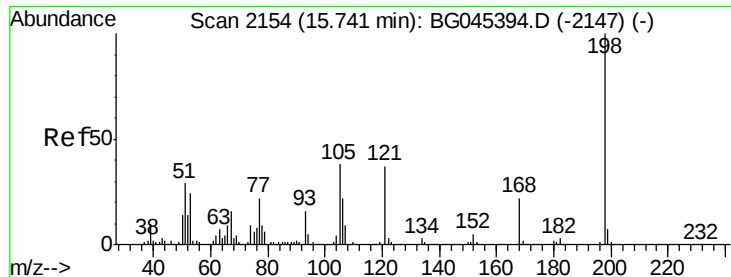
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	8.7	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: 46.908 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

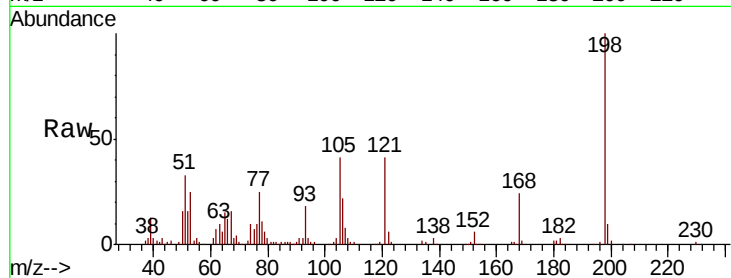
Tot Ion:198 Resp: 106304

Ion Ratio Lower Upper

198 100

51 32.7 10.0 50.0

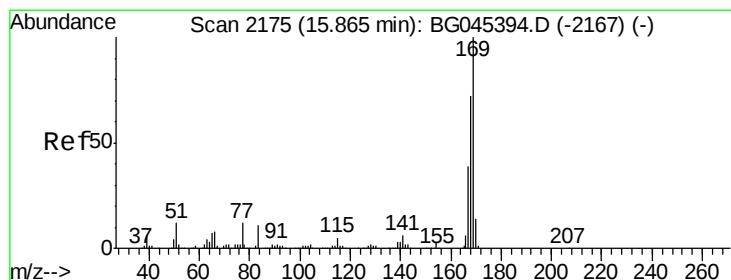
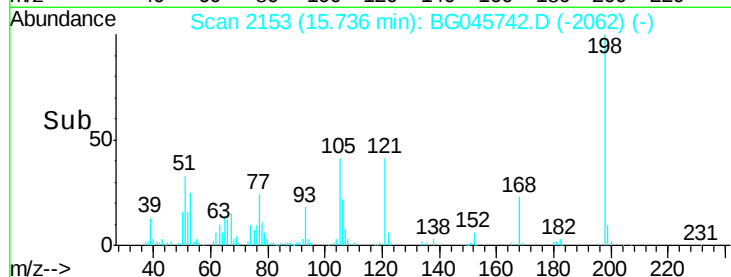
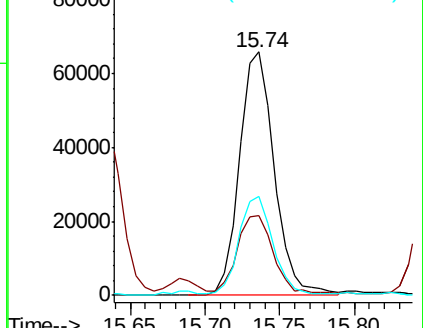
105 40.7 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.148 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

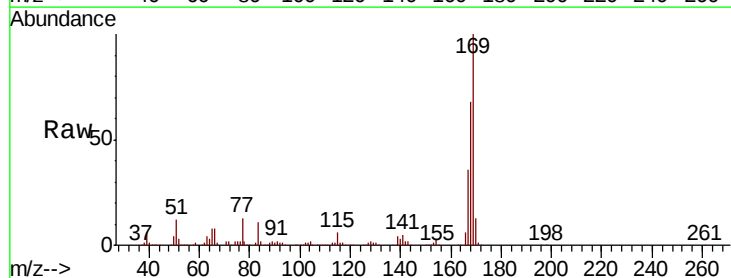
Tgt Ion:169 Resp: 477861

Ion Ratio Lower Upper

169 100

168 68.0 57.8 86.6

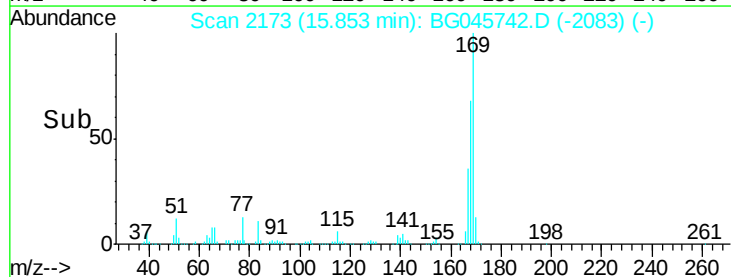
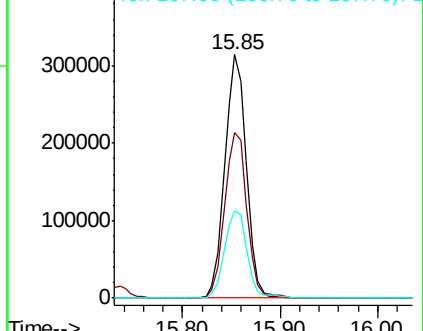
167 36.0 31.5 47.3

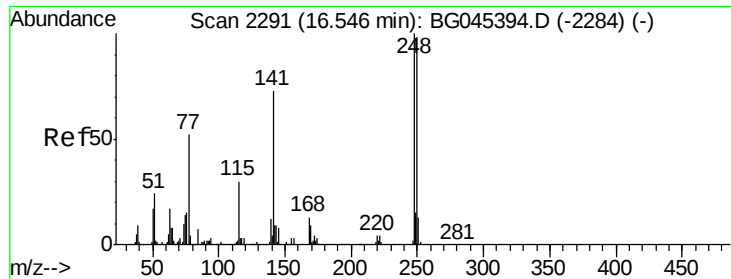


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

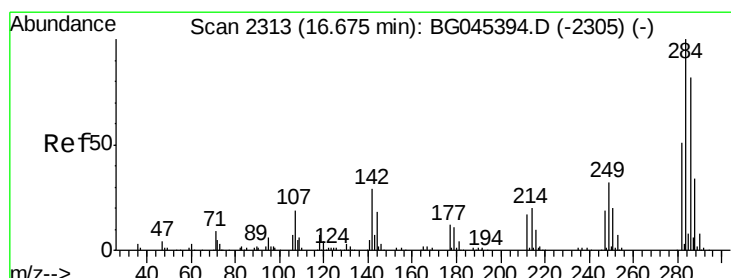
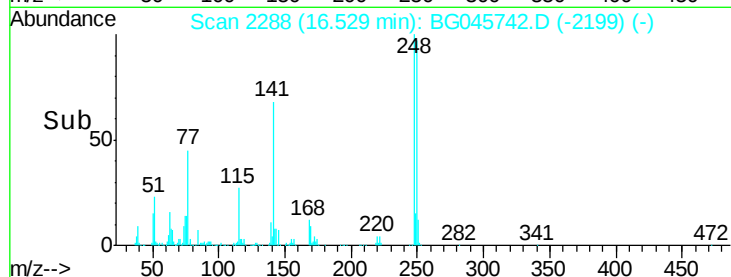
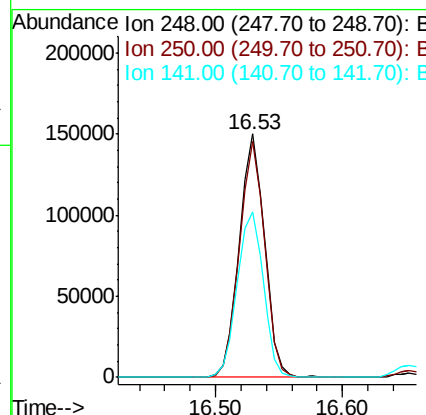
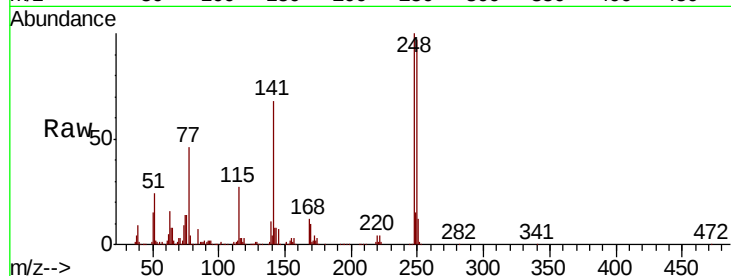




#67
4-Bromophenyl-phenylether
Concen: 49.112 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

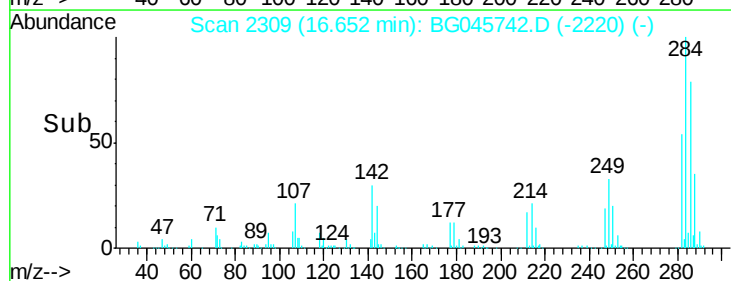
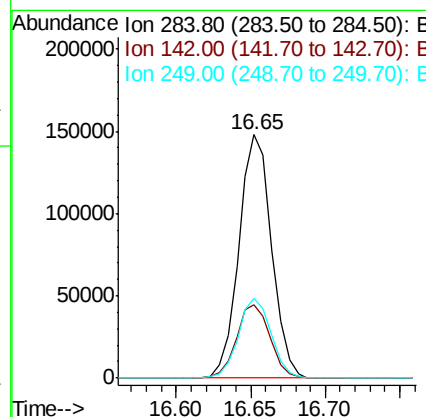
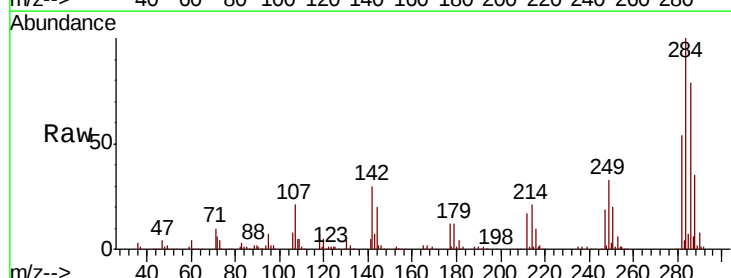
Instrument :
BNA_G
ClientSampleId :
PB129479BS

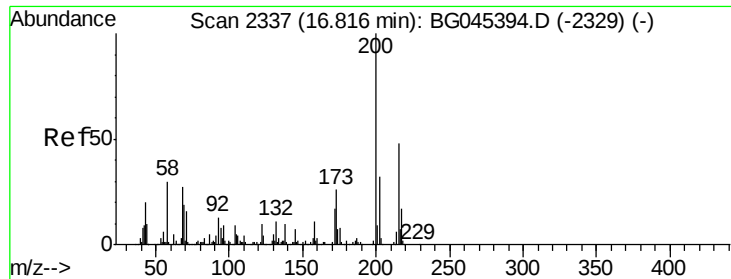
Tot Ion:248 Resp: 206935
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 68.0 58.2 87.2



#68
Hexachlorobenzene
Concen: 50.942 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:284 Resp: 224498
Ion Ratio Lower Upper
284 100
142 30.3 23.0 34.6
249 33.0 25.8 38.6

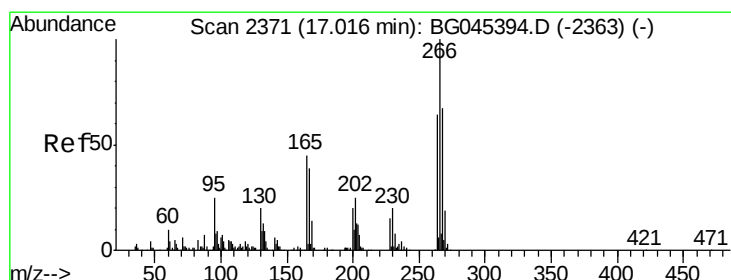
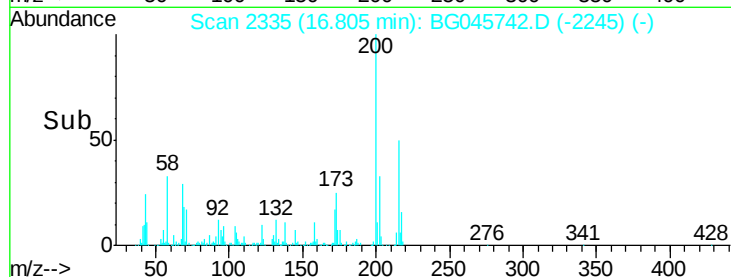
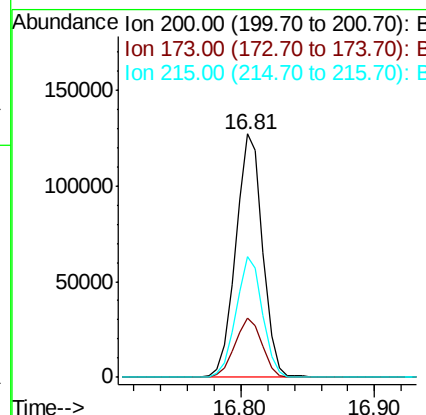
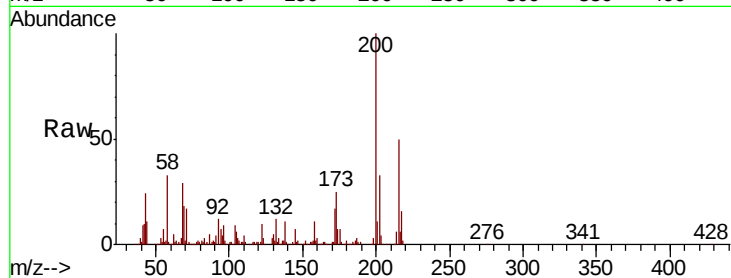




#69
Atrazine
Concen: 46.119 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

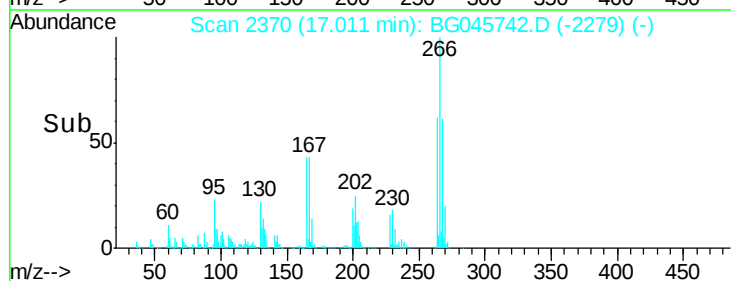
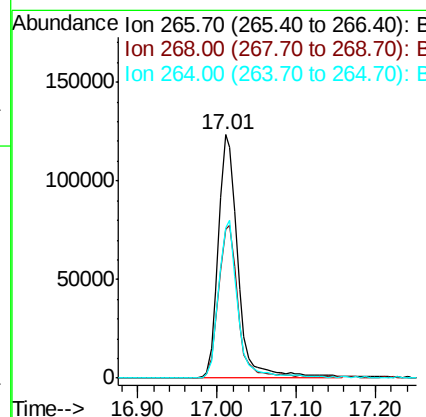
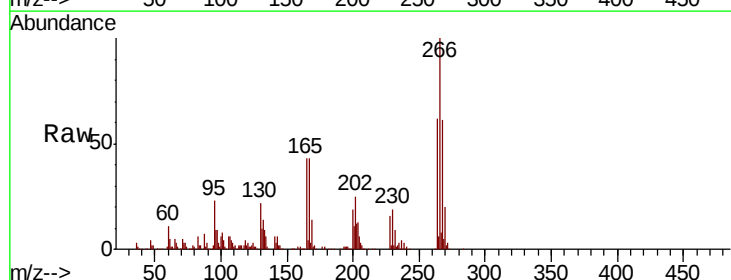
Instrument :
BNA_G
ClientSampleId :
PB129479BS

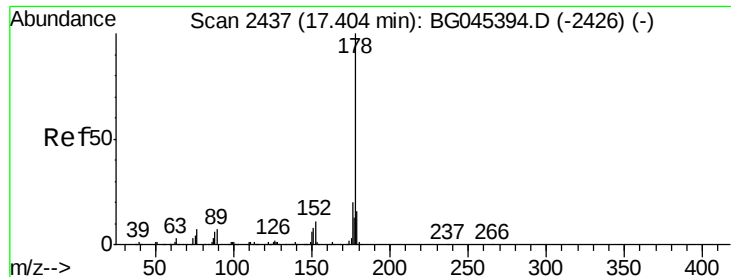
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	5.5	45.5
215	49.7	28.2	68.2



#70
Pentachlorophenol
Concen: 93.224 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	53.2	79.8
264	61.8	51.0	76.4

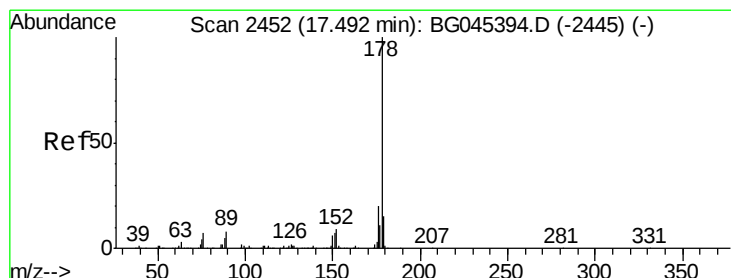
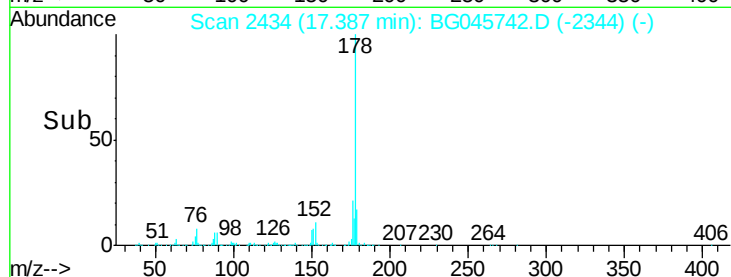
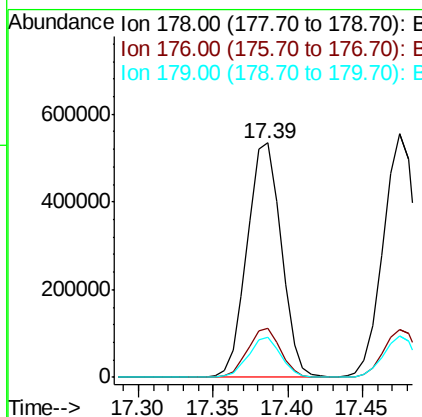
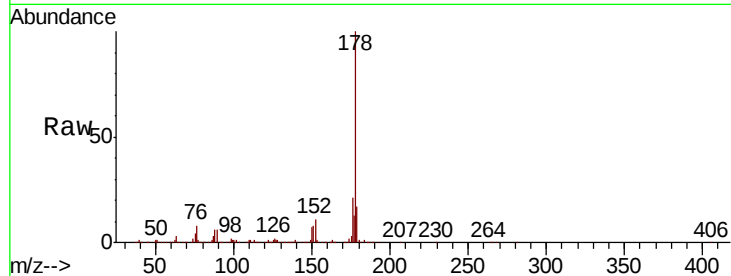




#71
Phenanthrene
Concen: 49.752 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

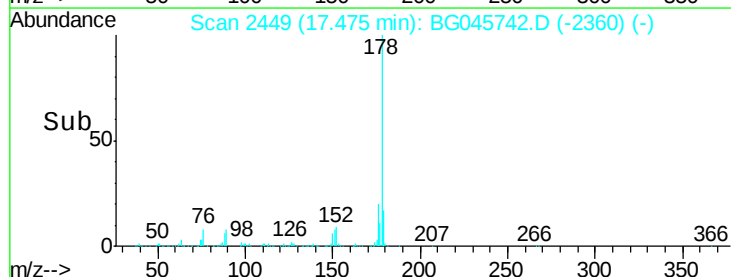
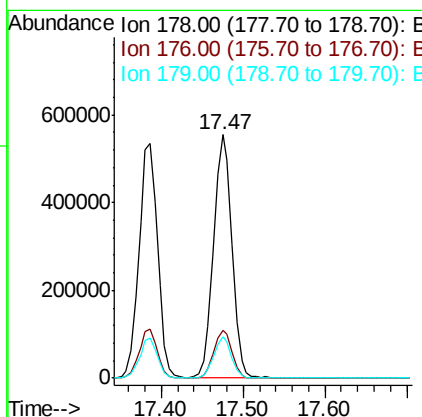
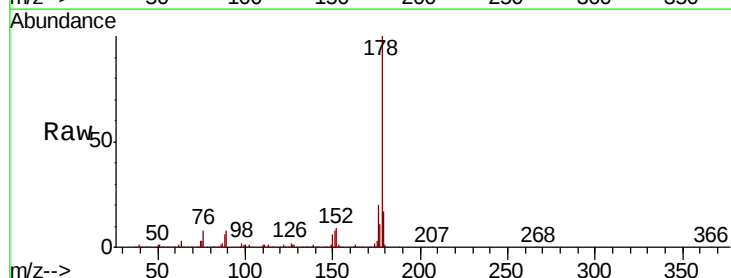
Instrument :
BNA_G
ClientSampleId :
PB129479BS

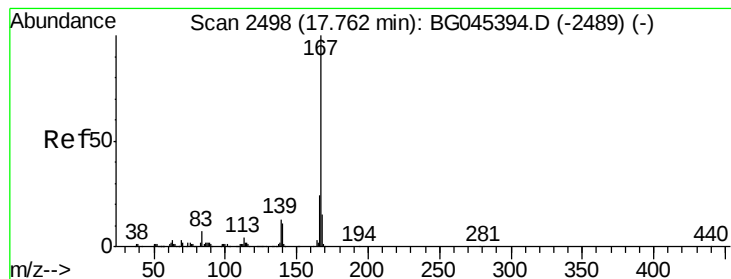
Tot Ion:178 Resp: 845137
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 17.0 13.1 19.7



#72
Anthracene
Concen: 50.845 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:178 Resp: 867360
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.9 12.2 18.4





#73

Carbazole

Concen: 46.985 ng

RT: 17.76 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

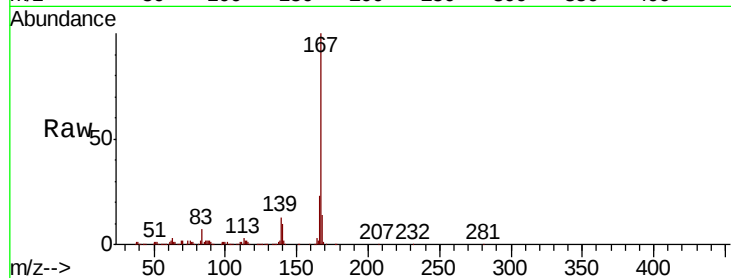
Tot Ion:167 Resp: 781290

Ion Ratio Lower Upper

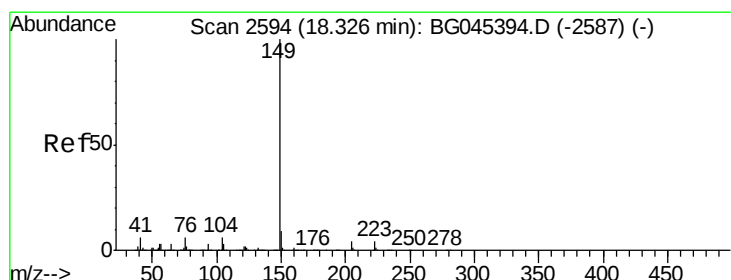
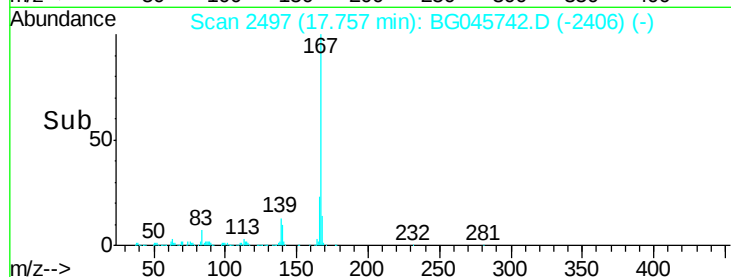
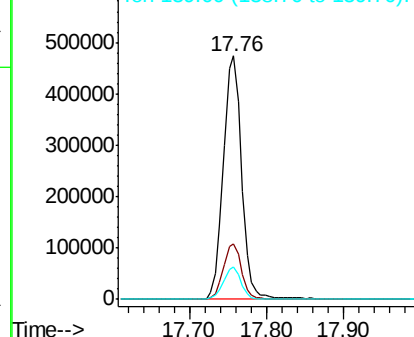
167 100

166 23.0 19.2 28.8

139 13.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.440 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

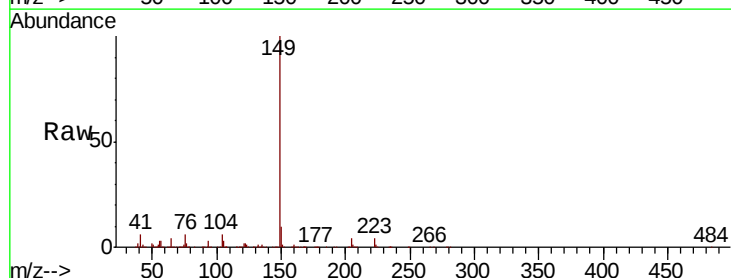
Tgt Ion:149 Resp: 946814

Ion Ratio Lower Upper

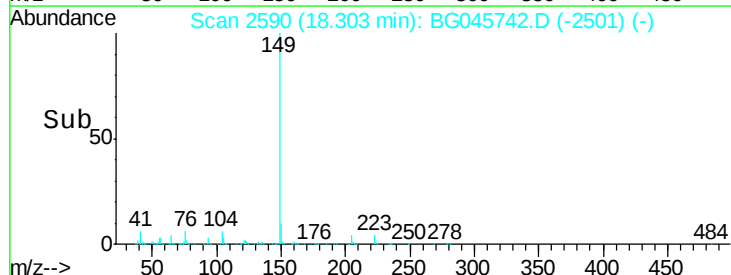
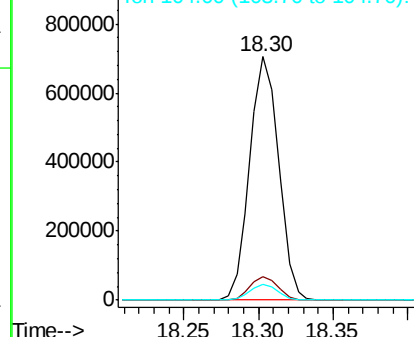
149 100

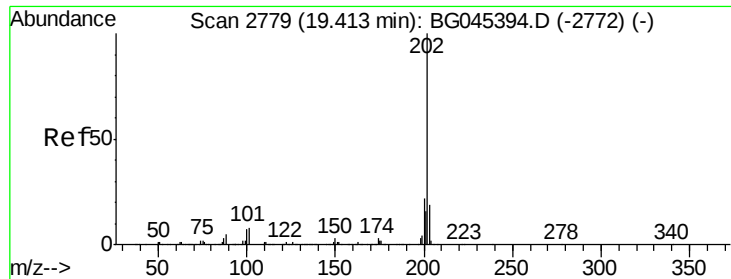
150 9.7 7.6 11.4

104 6.3 5.0 7.4



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





#75

Fluoranthene

Concen: 47.119 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

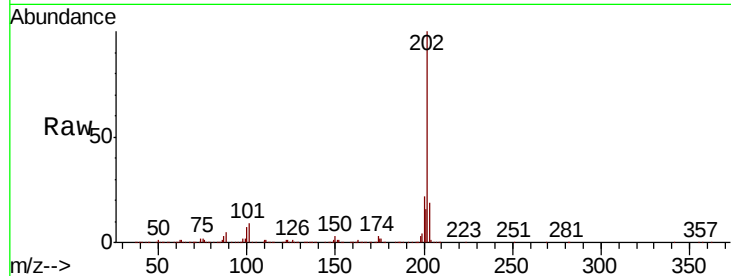
Tot Ion:202 Resp: 1018073

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

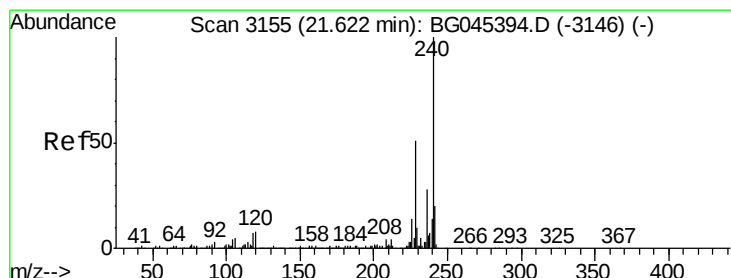
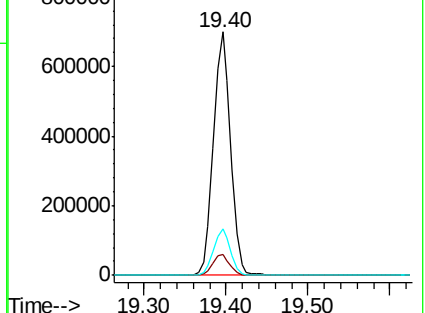
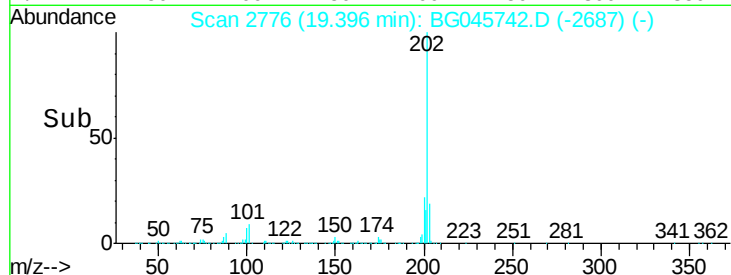
203 19.1 0.0 39.0



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. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

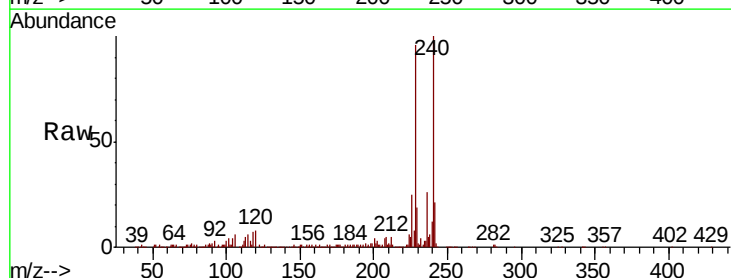
Tgt Ion:240 Resp: 351010

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

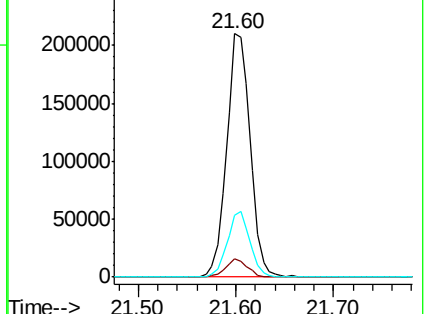
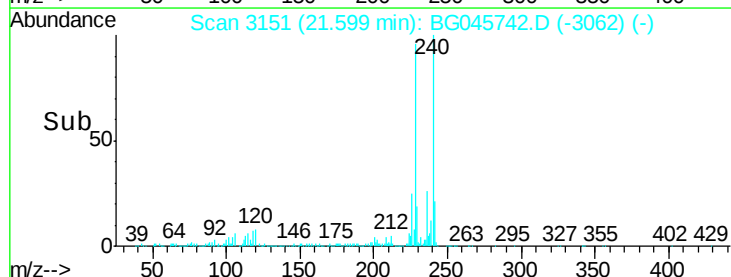
236 25.6 22.3 33.5

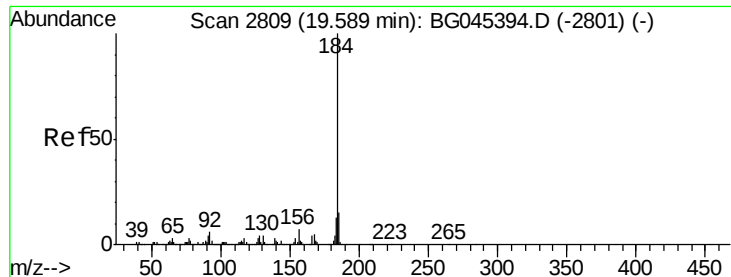


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.940 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

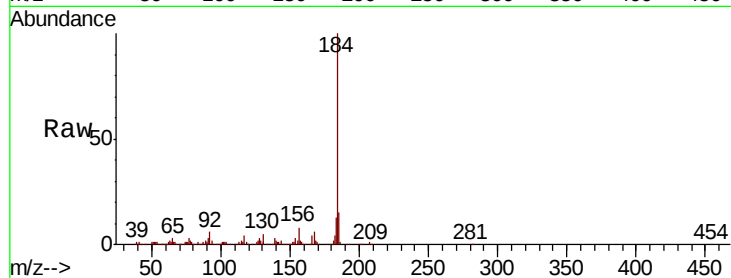
Tot Ion:184 Resp: 423316

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.7	17.5
183	12.9	10.2	15.4

184 100

185 15.2 11.7 17.5

183 12.9 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

19.58

300000

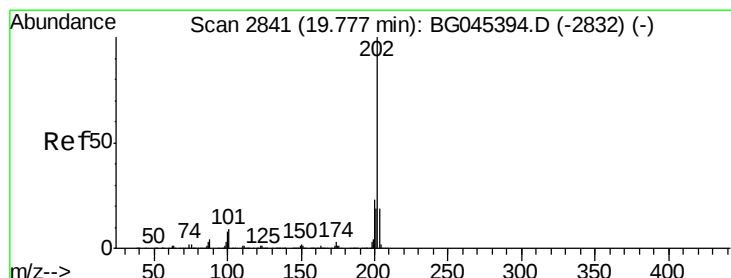
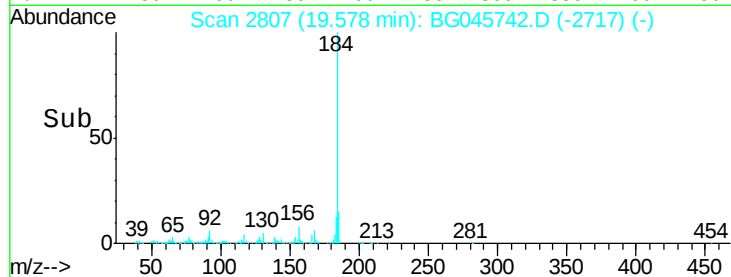
200000

100000

0

19.50 19.60 19.70

Time-->



#78

Pyrene

Concen: 50.206 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

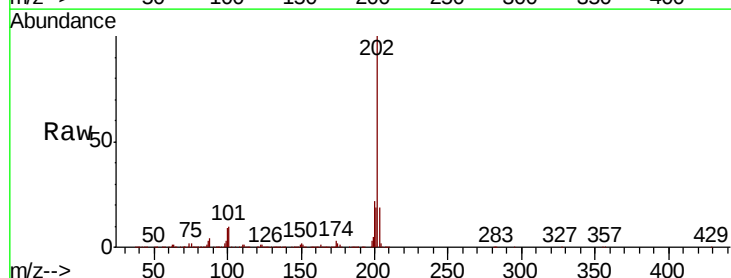
Tgt Ion:202 Resp: 1004574

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.2
203	19.0	15.1	22.7

202 100

200 22.4 18.2 27.2

203 19.0 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

19.75

800000

600000

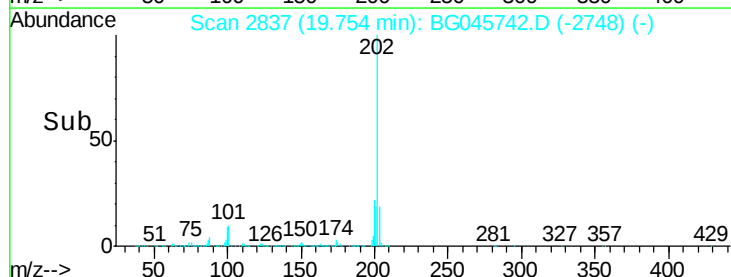
400000

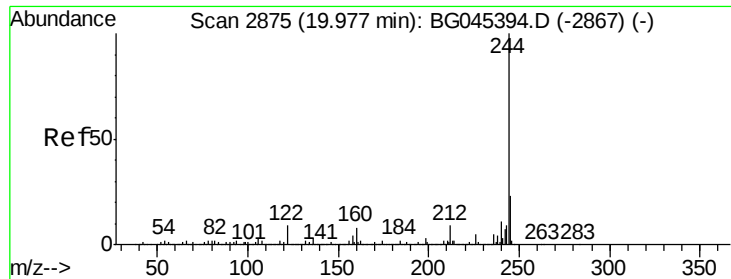
200000

0

19.70 19.80

Time-->





#79

Terphenyl-d14

Concen: 100.249 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

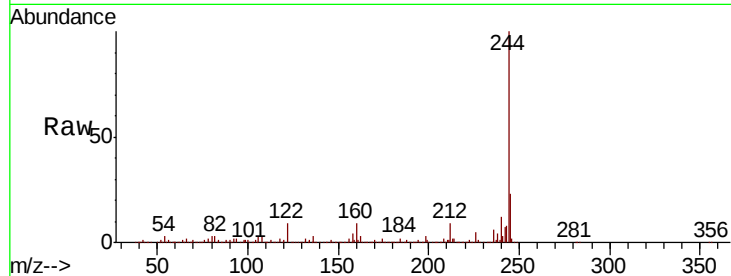
Tot Ion:244 Resp: 1508740

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

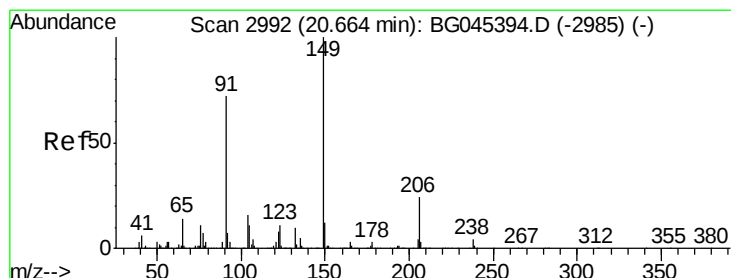
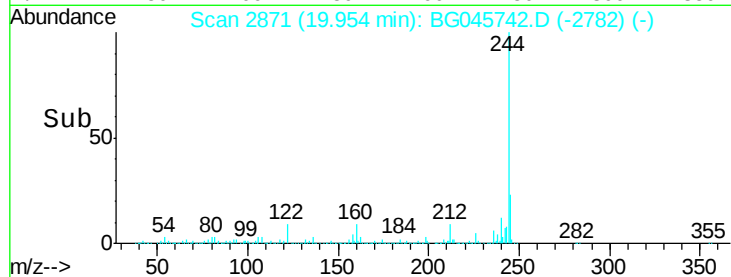
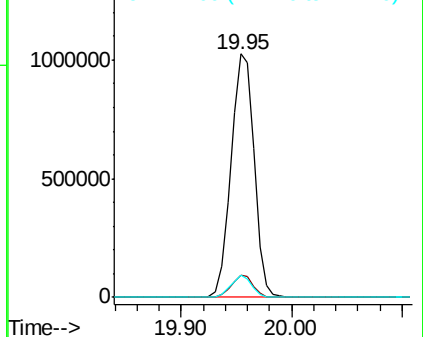
122 8.9 6.8 10.2



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: 48.348 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

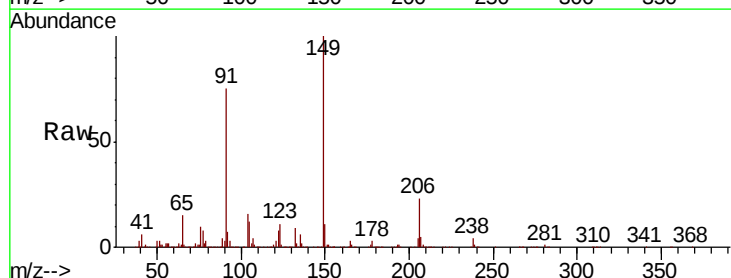
Tgt Ion:149 Resp: 417564

Ion Ratio Lower Upper

149 100

91 74.8 57.8 86.6

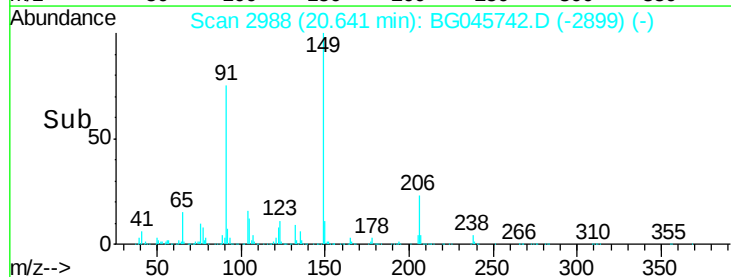
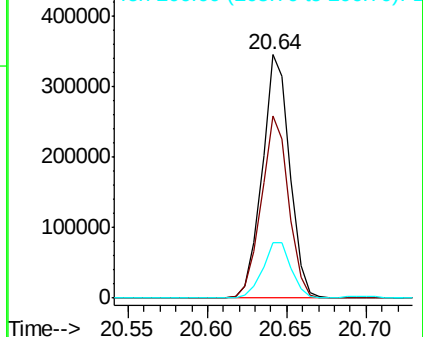
206 22.7 19.1 28.7

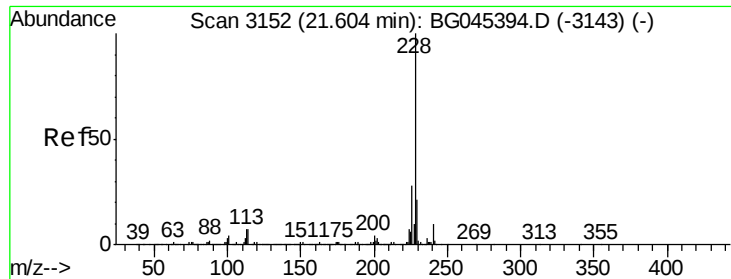


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

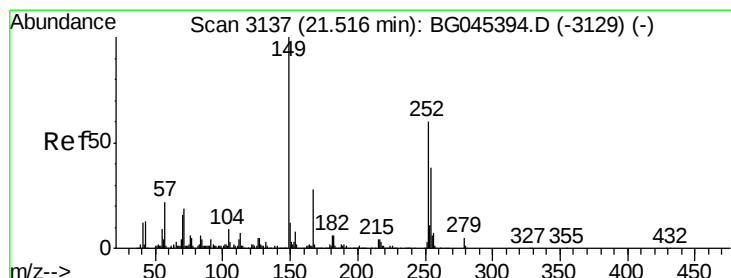
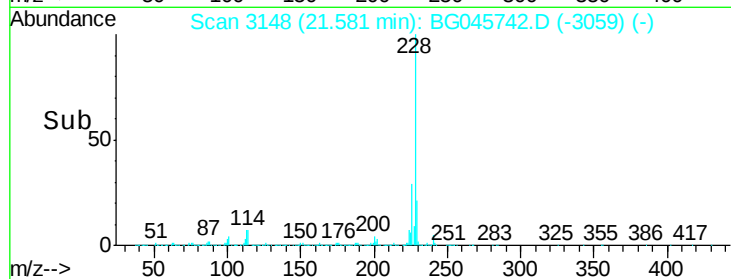
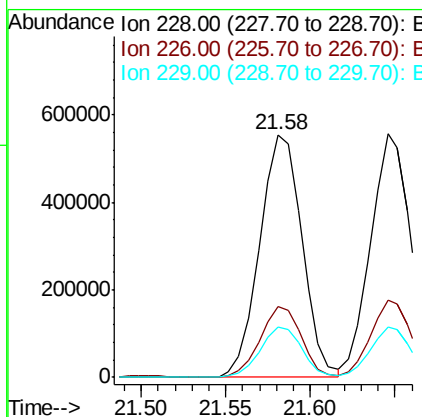
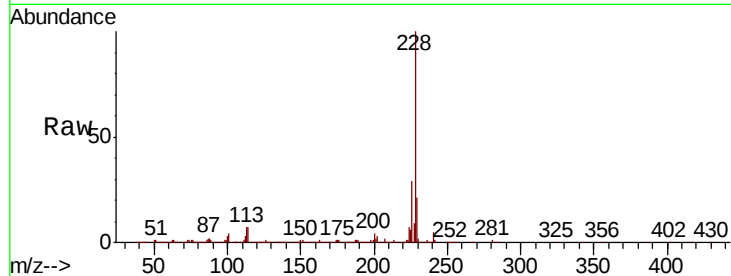




#81
Benzo(a)anthracene
Concen: 49.087 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

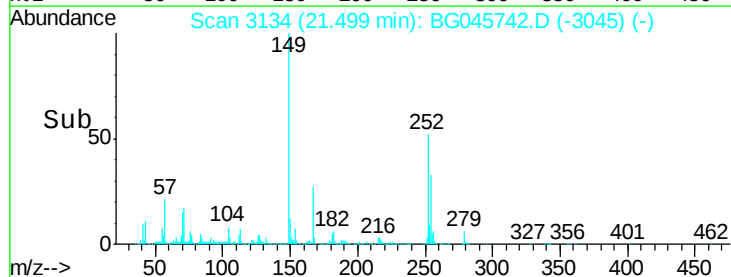
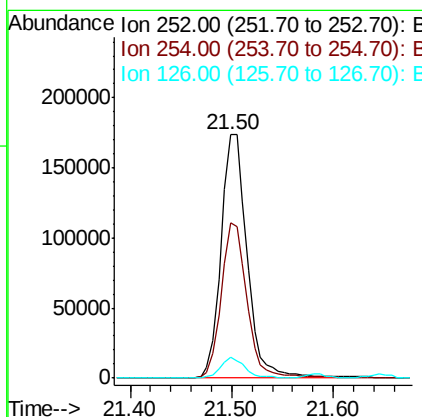
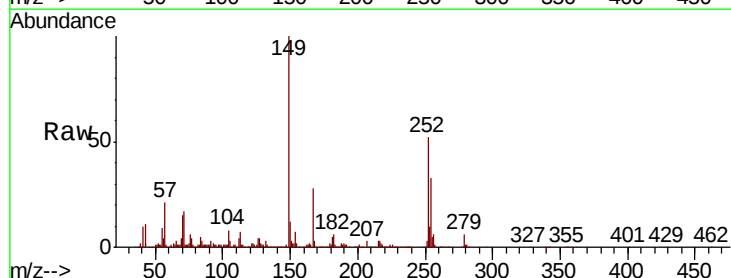
Instrument :
BNA_G
ClientSampleId :
PB129479BS

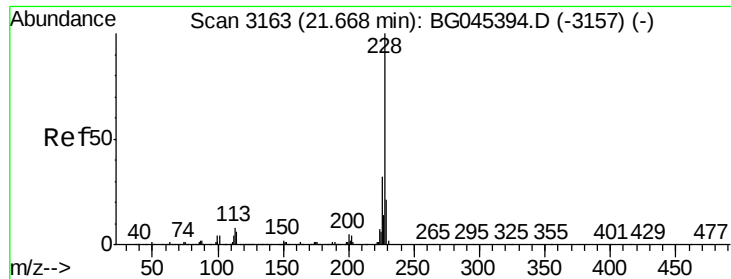
Tot Ion:228 Resp: 959831
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.0 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 40.559 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion:252 Resp: 311091
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 8.6 6.6 10.0





#83

Chrvsene

Concen: 49.024 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

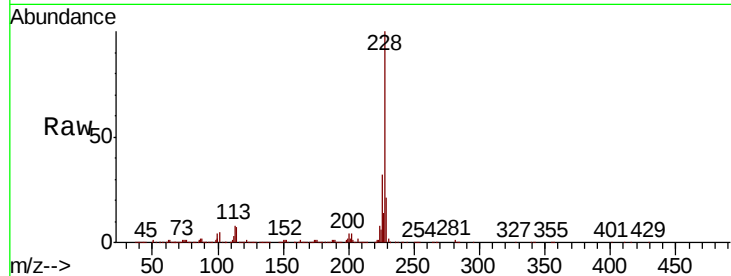
Tot Ion:228 Resp: 921732

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

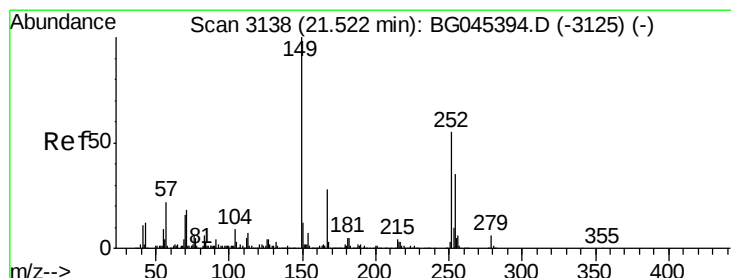
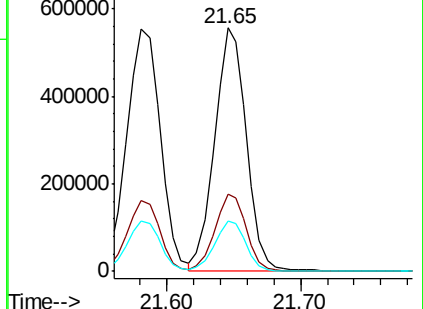
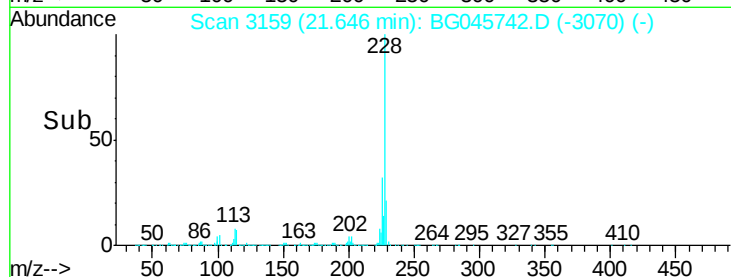
229 20.8 16.7 25.1



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: 48.745 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

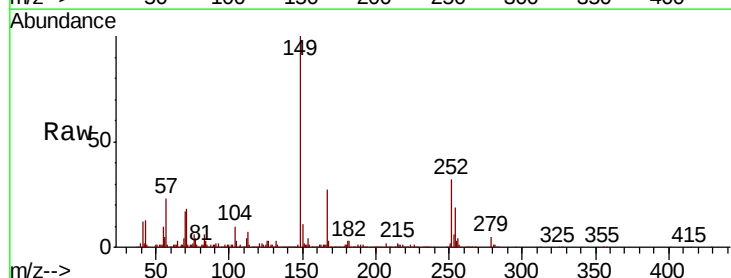
Tgt Ion:149 Resp: 578704

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

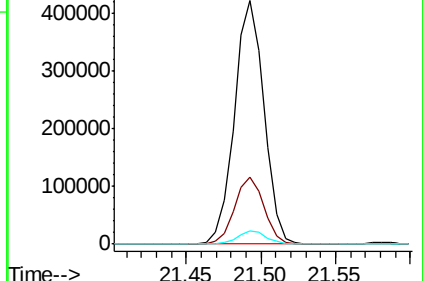
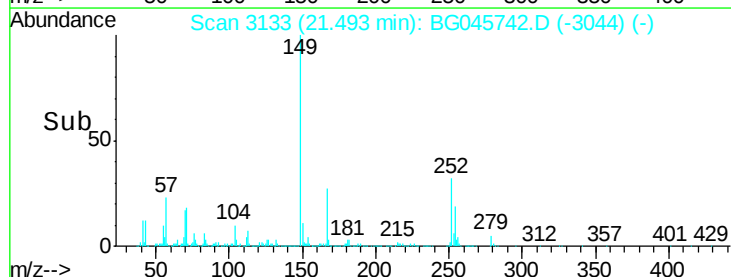
279 5.4 4.7 7.1

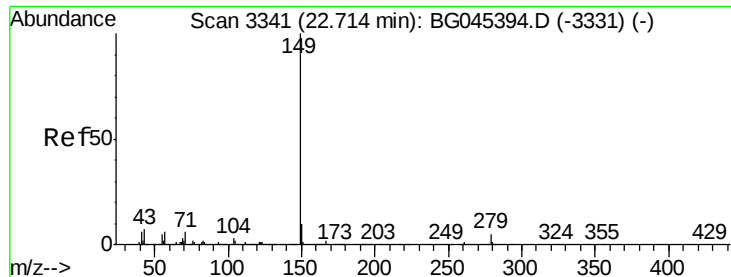


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.115 ng

RT: 22.67 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

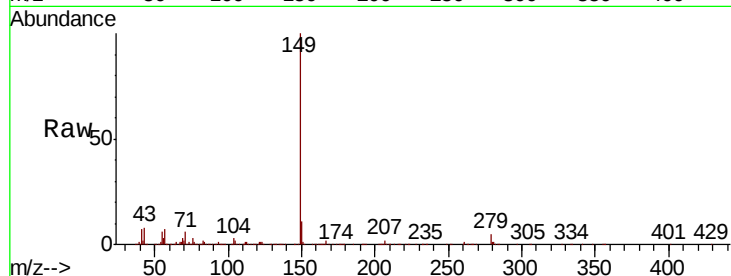
Tot Ion:149 Resp: 960689

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

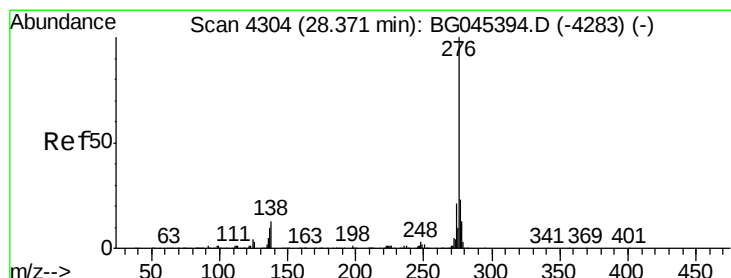
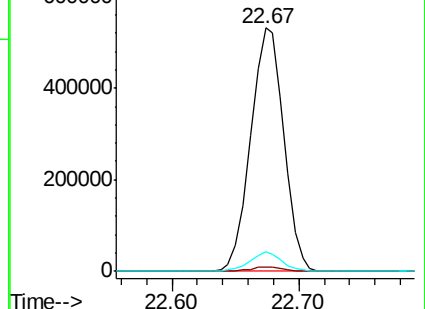
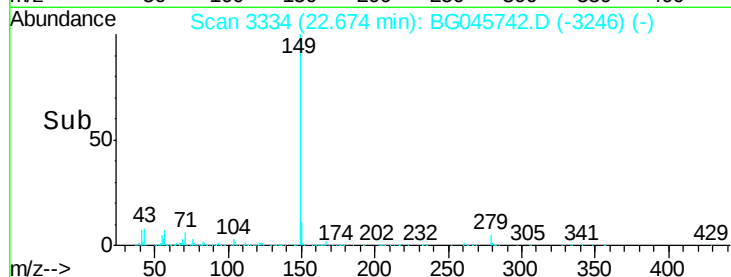
43 7.5 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.360 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

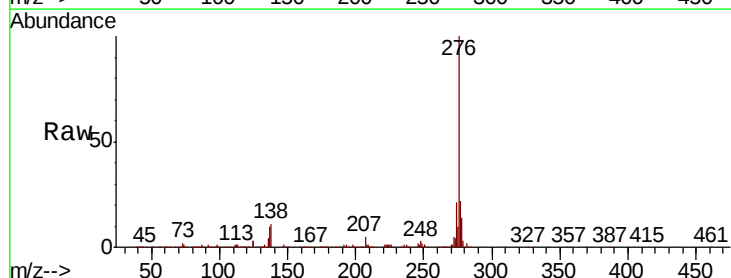
Tgt Ion:276 Resp: 1164401

Ion Ratio Lower Upper

276 100

138 7.0 8.6 12.8#

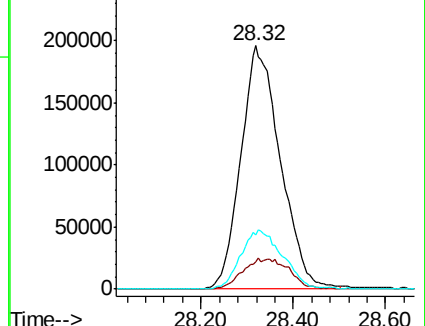
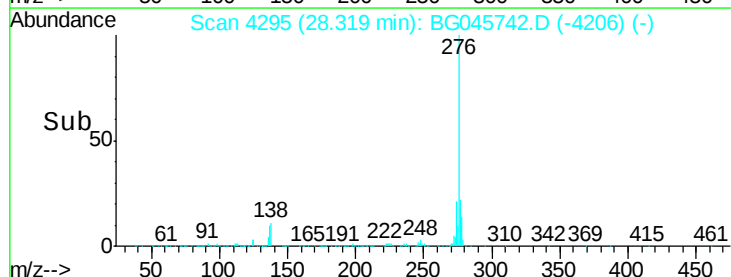
277 25.7 20.2 30.4

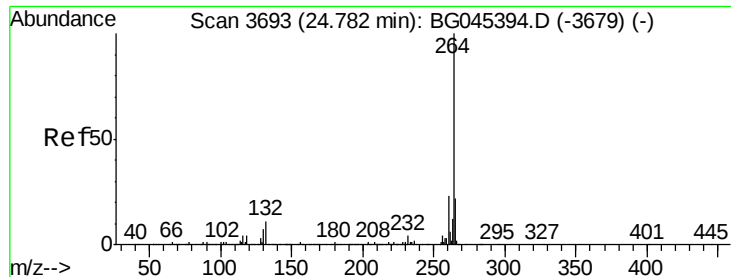


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

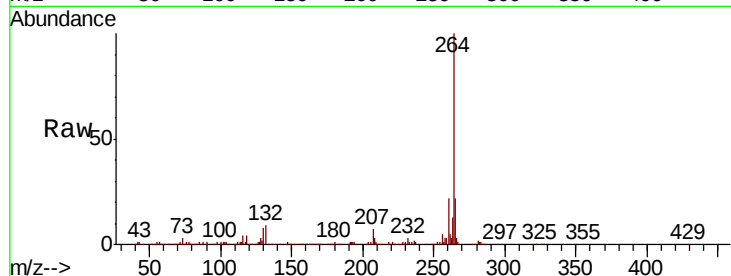
Tot Ion:264 Resp: 372093

Ion Ratio Lower Upper

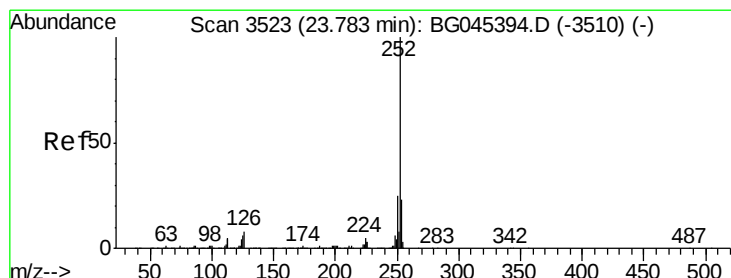
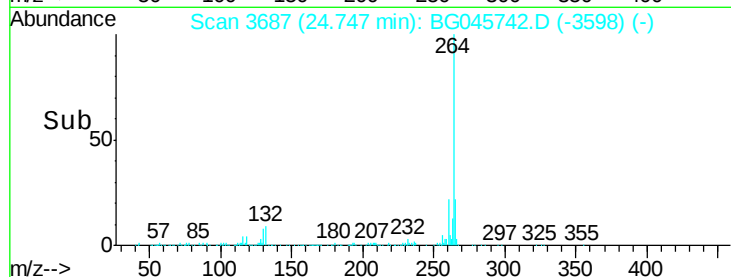
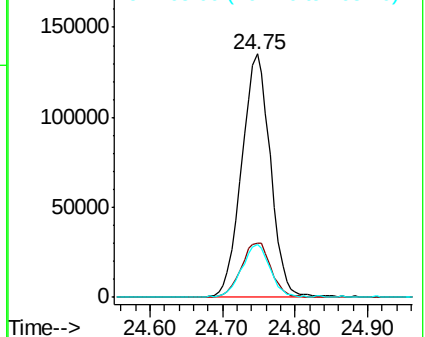
264 100

260 22.2 18.2 27.4

265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.576 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

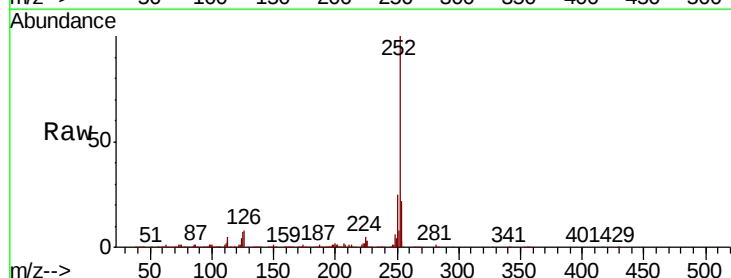
Tgt Ion:252 Resp: 1009293

Ion Ratio Lower Upper

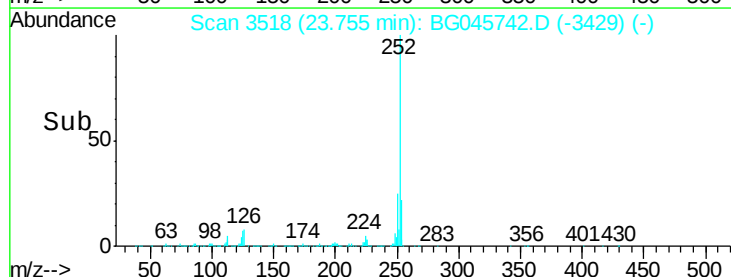
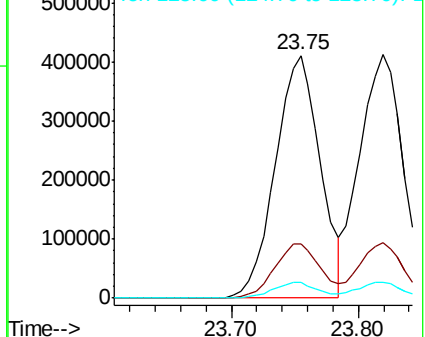
252 100

253 22.3 18.1 27.1

125 6.6 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

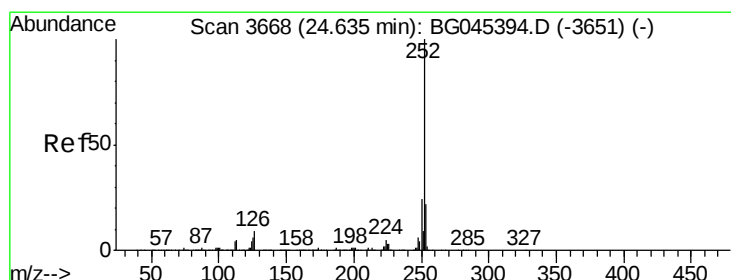
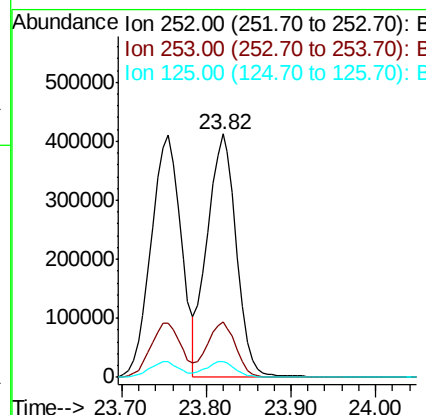
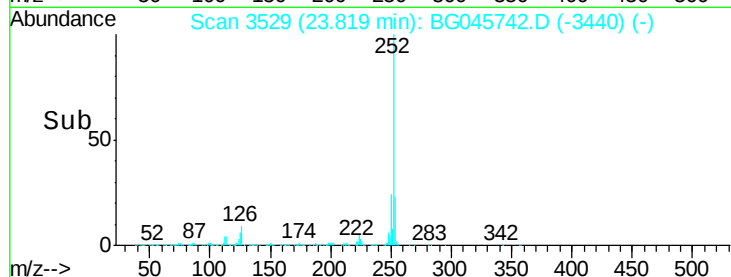
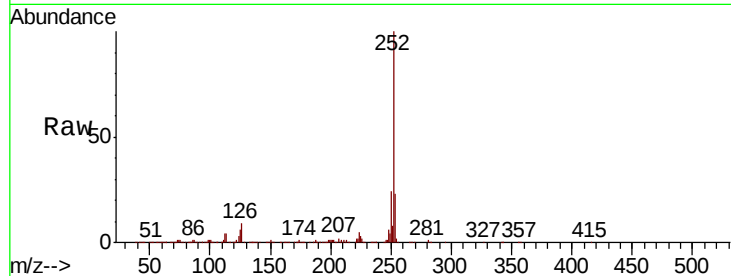




#89
Benzo(k)fluoranthene
Concen: 52.753 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

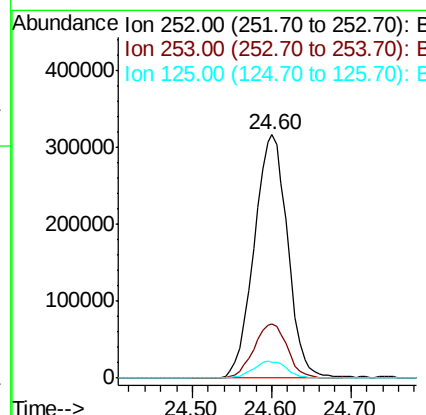
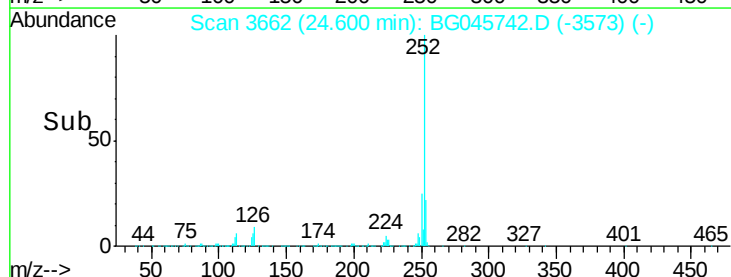
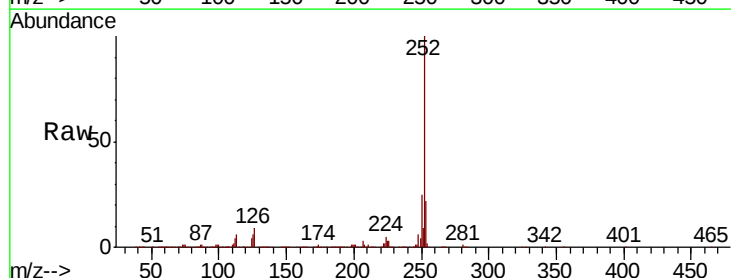
Instrument :
BNA_G
ClientSampled :
PB129479BS

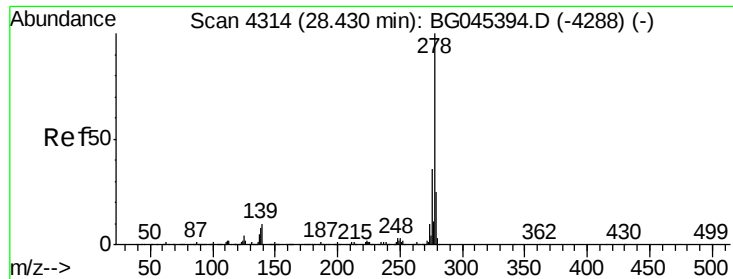
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	6.4	5.7	8.5



#90
Benzo(a)pyrene
Concen: 50.019 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045742.D
Acq: 12 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	6.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 50.447 ng

RT: 28.38 min Scan# 4305

Delta R.T. -0.01 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

Instrument :

BNA_G

ClientSampleId :

PB129479BS

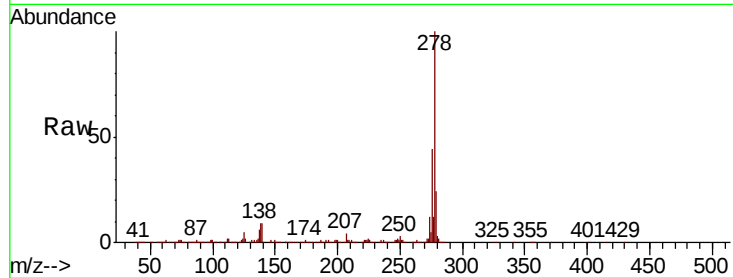
Tot Ion:278 Resp: 942173

Ion Ratio Lower Upper

278 100

139 9.3 7.8 11.8

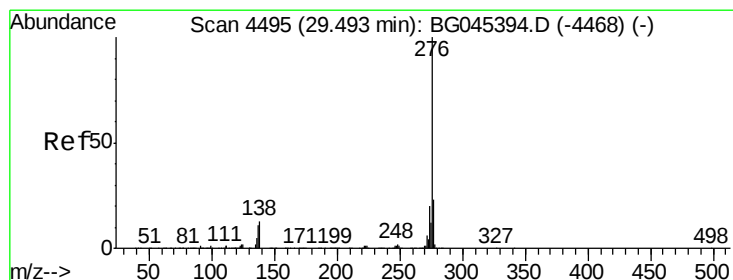
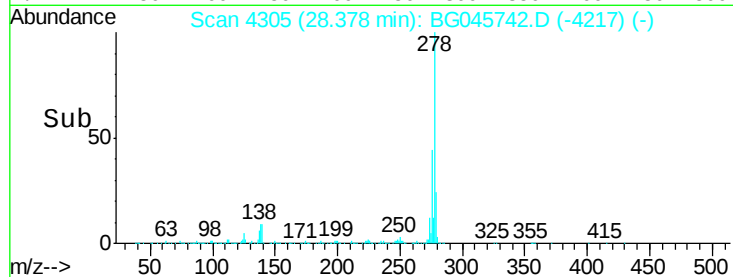
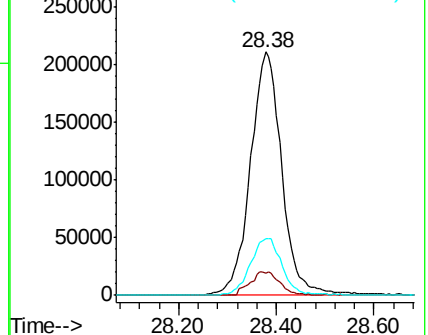
279 23.6 19.8 29.8



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: 50.995 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045742.D

Acq: 12 Jun 2020 16:01

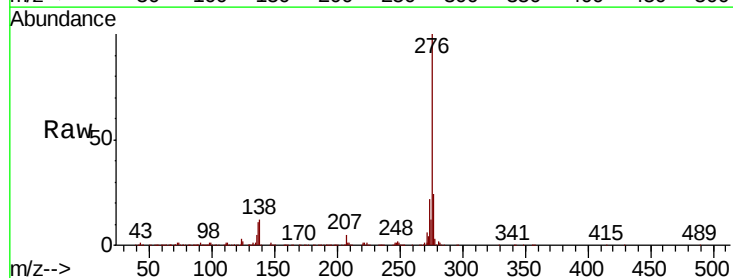
Tgt Ion:276 Resp: 952534

Ion Ratio Lower Upper

276 100

277 23.6 18.1 27.1

138 12.0 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

