

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045521.D
 Acq On : 29 May 2020 13:18
 Operator : CG/JU
 Sample : PB129160BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

Quant Time: May 29 13:53:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67325	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	269610	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	195171	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	462017	20.00	ng	0.00
76) Chrysene-d12	21.61	240	431514	20.00	ng	0.00
87) Perylene-d12	24.75	264	479376	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	526651	152.88	ng	0.00
7) Phenol-d6	7.16	99	736131	150.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	461712	93.39	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	352535	141.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1064976	92.56	ng	0.00
79) Terphenyl-d14	19.96	244	1796552	97.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	65337	38.246	ng	96
3) Pyridine	3.80	79	152950	32.147	ng	95
4) n-Nitrosodimethylamine	3.71	42	70406	45.222	ng	97
6) Aniline	7.28	93	250388	39.119	ng	99
8) 2-Chlorophenol	7.53	128	196549	52.027	ng	98
9) Benzaldehyde	7.08	77	125591	39.314	ng	96
10) Phenol	7.19	94	259518	51.355	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	185061	46.950	ng	99
12) 1,3-Dichlorobenzene	7.84	146	203741	44.878	ng	99
13) 1,4-Dichlorobenzene	7.99	146	209352	46.728	ng	99
14) 1,2-Dichlorobenzene	8.31	146	199072	46.198	ng	95
15) Benzyl Alcohol	8.21	79	194778	48.087	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	170456	45.557	ng	96
17) 2-Methylphenol	8.43	107	172990	45.735	ng	96
18) Hexachloroethane	9.04	117	78641	45.830	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	157649	46.495	ng	98
20) 3+4-Methylphenols	8.76	107	236848	45.983	ng	# 83
22) Acetophenone	8.78	105	293207	45.885	ng	97
24) Nitrobenzene	9.16	77	238544	45.033	ng	99
25) Isophorone	9.68	82	445229	45.726	ng	99
26) 2-Nitrophenol	9.87	139	112405	49.605	ng	# 87
27) 2,4-Dimethylphenol	9.96	122	187822	55.885	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	248055	48.578	ng	94
29) 2,4-Dichlorophenol	10.43	162	200592	50.543	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	220297	46.975	ng	99
31) Naphthalene	10.81	128	594358	47.308	ng	99
32) Benzoic acid	10.14	122	126648	53.860	ng	94
33) 4-Chloroaniline	10.93	127	127985	24.370	ng	98
34) Hexachlorobutadiene	11.10	225	146718	44.259	ng	97
35) Caprolactam	11.70	113	37150	25.502	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	227835	50.945	ng	99
37) 2-Methylnaphthalene	12.42	142	453015	48.377	ng	98
38) 1-Methylnaphthalene	12.64	142	429825	48.592	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	258061	47.338	ng	98

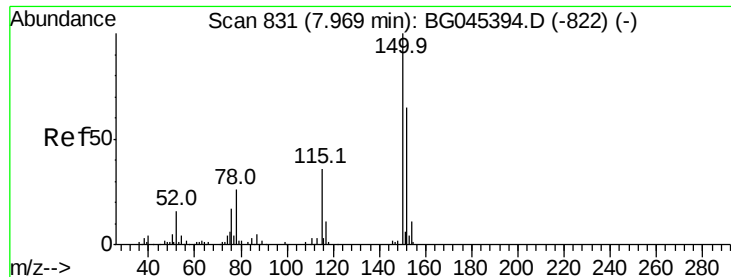
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045521.D
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 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	303822	96.560	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	175909	46.452	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	186851	43.178	ng	98
46) 1,1'-Biphenyl	13.43	154	588625	49.083	ng	99
47) 2-Chloronaphthalene	13.48	162	447739	45.977	ng	99
48) 2-Nitroaniline	13.68	65	144106	44.986	ng	87
49) Acenaphthylene	14.32	152	746957	47.753	ng	100
50) Dimethylphthalate	14.06	163	610926	45.630	ng	99
51) 2,6-Dinitrotoluene	14.17	165	141054	46.689	ng	91
52) Acenaphthene	14.66	154	439134	41.940	ng	98
53) 3-Nitroaniline	14.51	138	91186	29.691	ng	96
54) 2,4-Dinitrophenol	14.72	184	177751	89.147	ng	96
55) Dibenzofuran	15.00	168	716558	46.084	ng	98
56) 4-Nitrophenol	14.86	139	220241	94.722	ng	99
57) 2,4-Dinitrotoluene	14.96	165	200454	45.814	ng	98
58) Fluorene	15.65	166	596753	46.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182322	47.889	ng	96
60) Diethylphthalate	15.42	149	638623	45.828	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	331329	45.326	ng	99
62) 4-Nitroaniline	15.68	138	143815	44.856	ng	96
63) Azobenzene	15.94	77	604786	46.544	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	133027	49.438	ng	92
66) n-Nitrosodiphenylamine	15.86	169	537651	48.468	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	234410	46.855	ng	93
68) Hexachlorobenzene	16.66	284	251973	48.154	ng	98
69) Atrazine	16.81	200	212475	46.503	ng	99
70) Pentachlorophenol	17.01	266	273607	100.703	ng	97
71) Phenanthrene	17.39	178	974277	48.304	ng	100
72) Anthracene	17.48	178	1006680	49.700	ng	98
73) Carbazole	17.75	167	919761	46.585	ng	100
74) Di-n-butylphthalate	18.31	149	1110300	46.853	ng	99
75) Fluoranthene	19.40	202	1225829	47.782	ng	99
77) Benzidine	19.58	184	662644	54.677	ng	98
78) Pyrene	19.76	202	1207599	49.093	ng	99
80) Butylbenzylphthalate	20.65	149	492669	46.402	ng	98
81) Benzo(a)anthracene	21.59	228	1170528	48.694	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	311091	32.992	ng	99
83) Chrysene	21.65	228	1109747	48.013	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	695231	47.635	ng	98
85) Di-n-octyl phthalate	22.69	149	1174207	46.843	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1459014	48.271	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1231679	47.908	ng	100
89) Benzo(k)fluoranthene	23.83	252	1222364	50.608	ng	99
90) Benzo(a)pyrene	24.61	252	1147133	47.909	ng	# 98
91) Dibenzo(a,h)anthracene	28.40	278	1187209	49.341	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1206320	50.129	ng	96

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

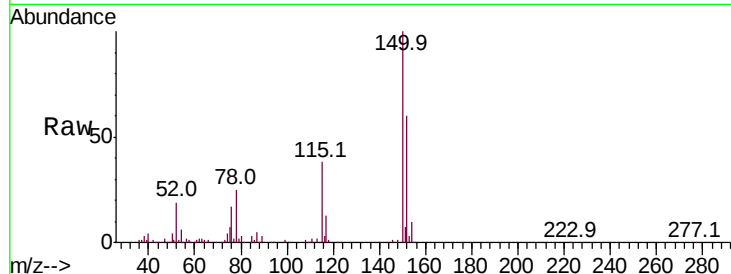


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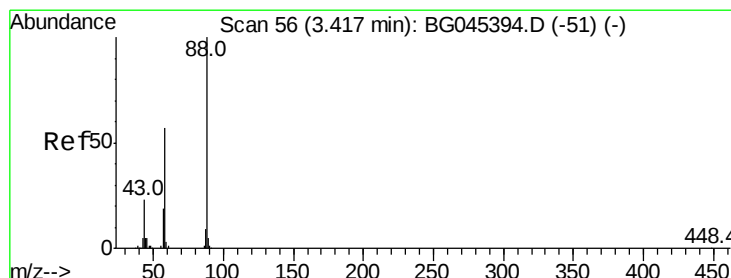
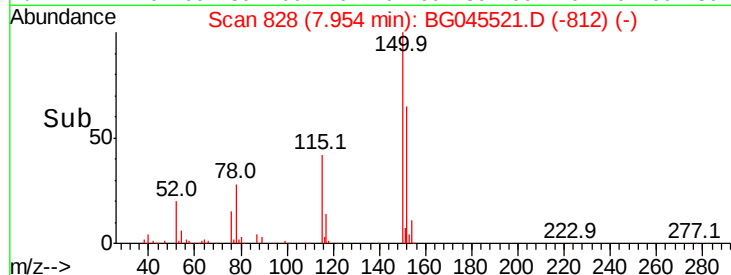
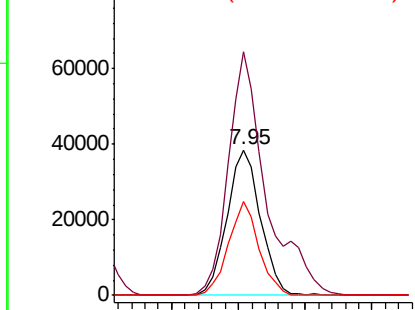
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB129160BSD

Tot Ion:152 Resp: 67325
Ion Ratio Lower Upper
152 100
150 167.8 122.4 183.6
115 64.3 44.2 66.4



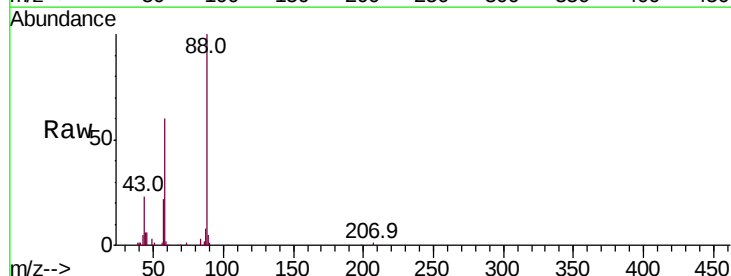
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



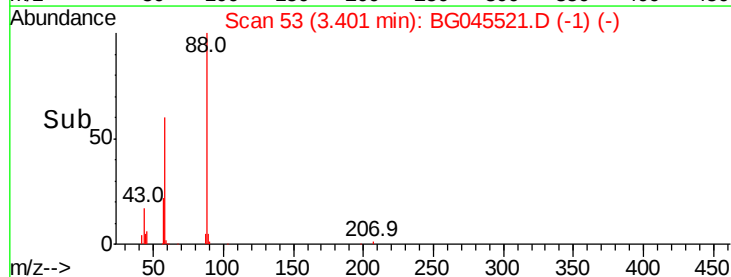
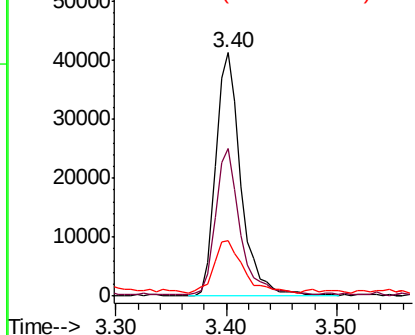
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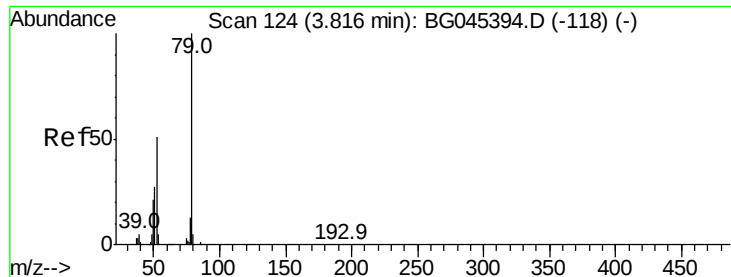
1,4-Dioxane
Concen: 38.246 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion: 88 Resp: 65337
Ion Ratio Lower Upper
88 100
58 58.7 45.7 68.5
43 24.4 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: 32.147 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

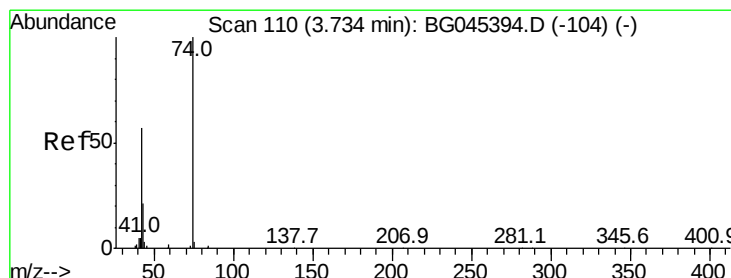
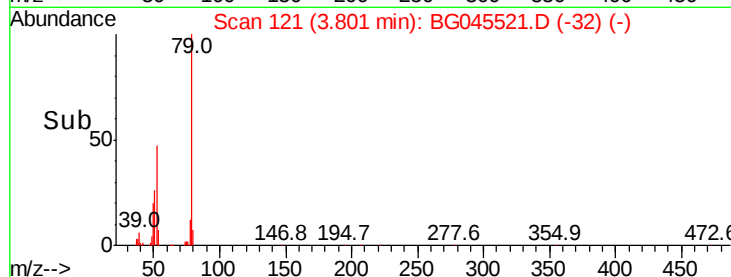
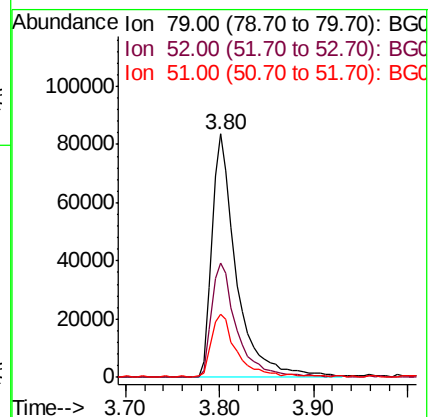
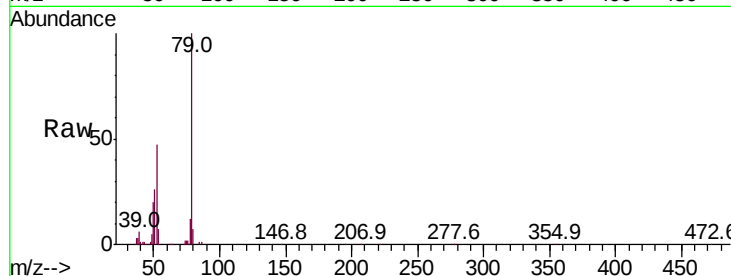
Tot Ion: 79 Resp: 152950

Ion Ratio Lower Upper

79 100

52 46.8 40.8 61.2

51 26.1 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 45.222 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

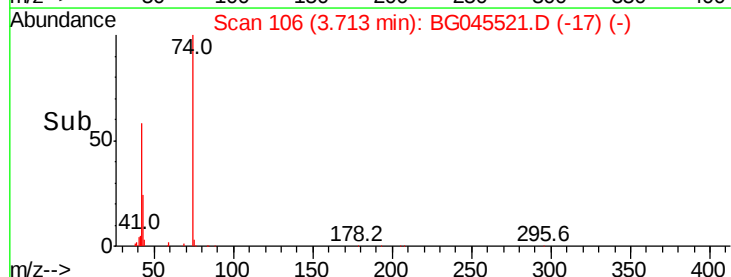
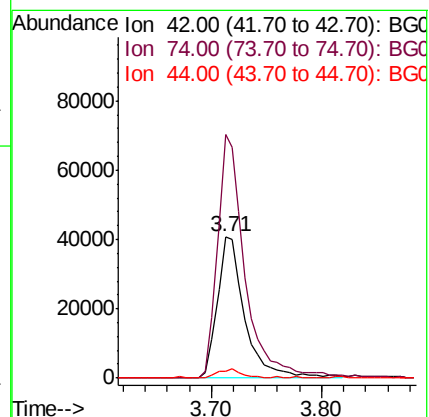
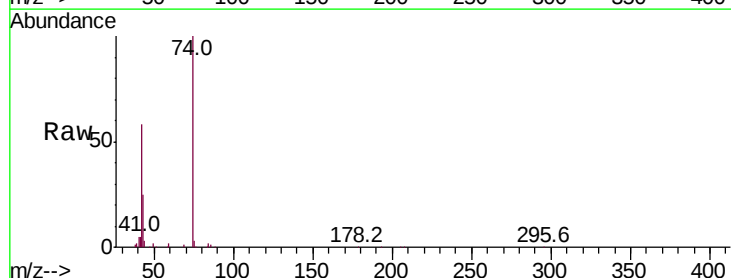
Tgt Ion: 42 Resp: 70406

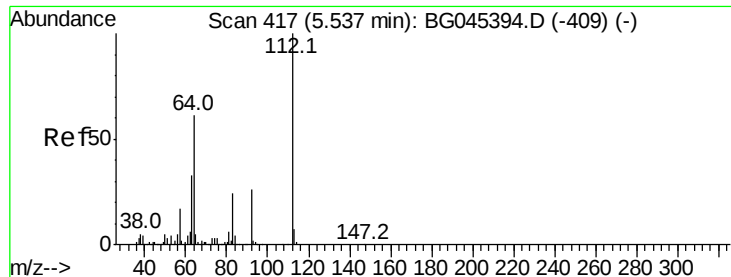
Ion Ratio Lower Upper

42 100

74 172.0 141.3 211.9

44 5.2 4.2 6.4





#5

2-Fluorophenol

Concen: 152.875 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

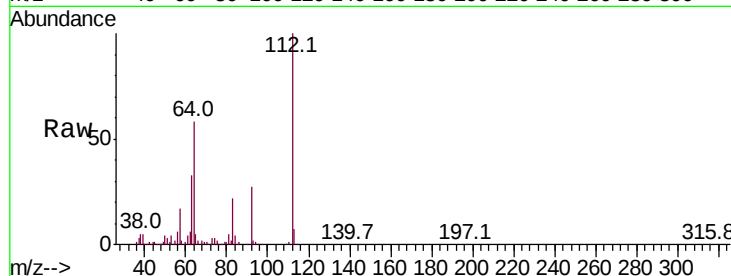
Tot Ion:112 Resp: 526651

Ion Ratio Lower Upper

112 100

64 58.4 48.6 72.8

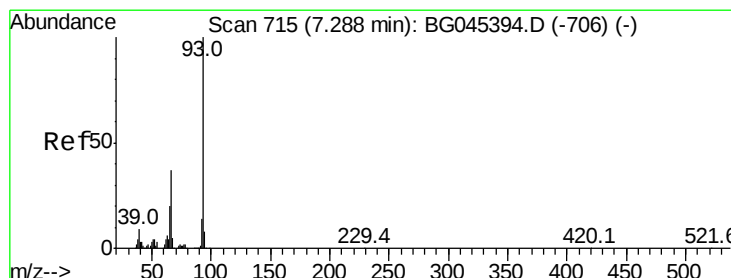
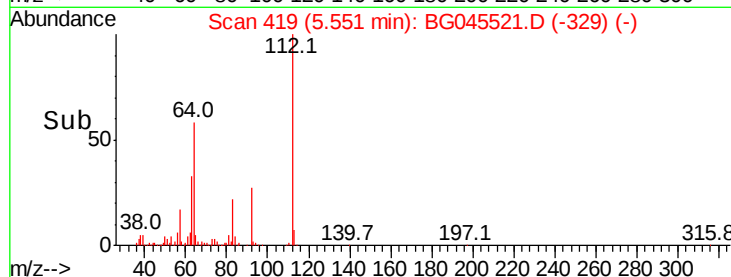
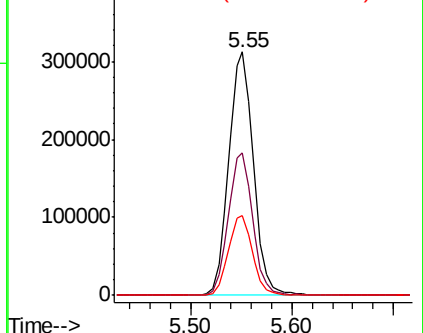
63 32.6 26.5 39.7



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: 39.119 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

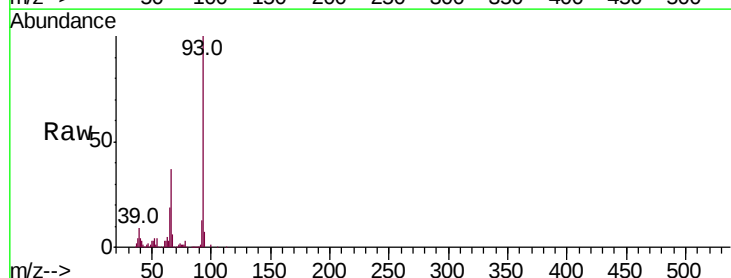
Tgt Ion: 93 Resp: 250388

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

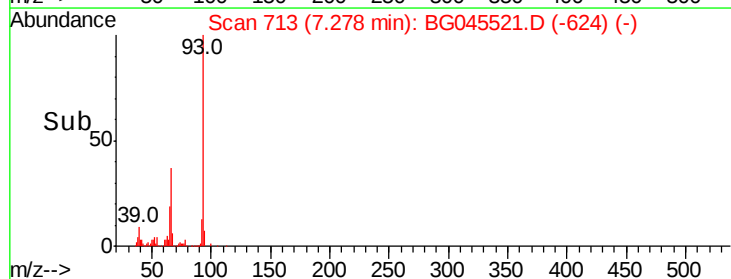
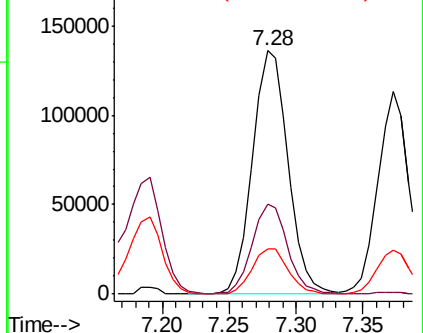
65 18.6 15.9 23.9

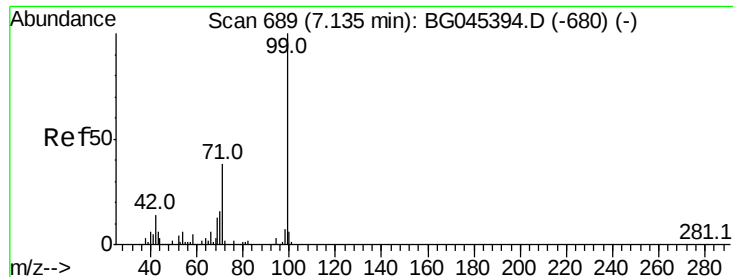


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.132 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

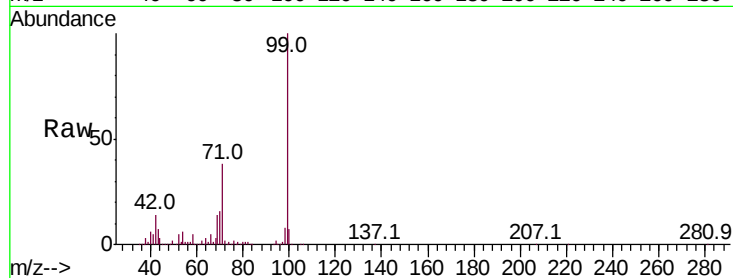
Tot Ion: 99 Resp: 736131

Ion Ratio Lower Upper

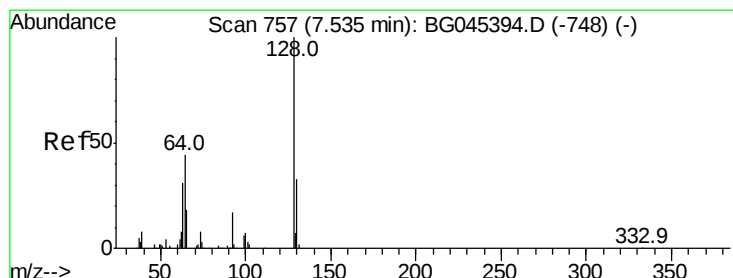
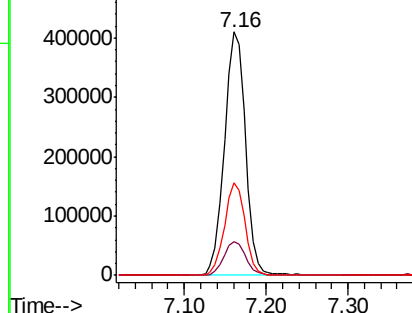
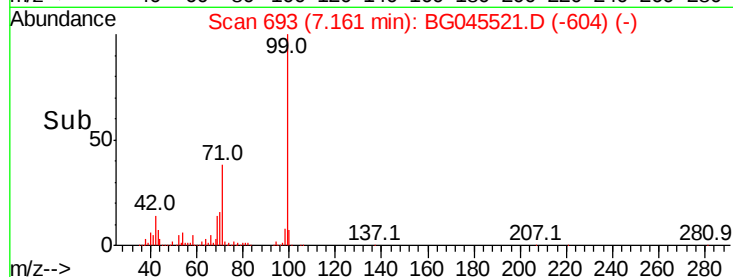
99 100

42 13.6 11.3 16.9

71 38.1 30.8 46.2



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



#8

2-Chlorophenol

Concen: 52.027 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

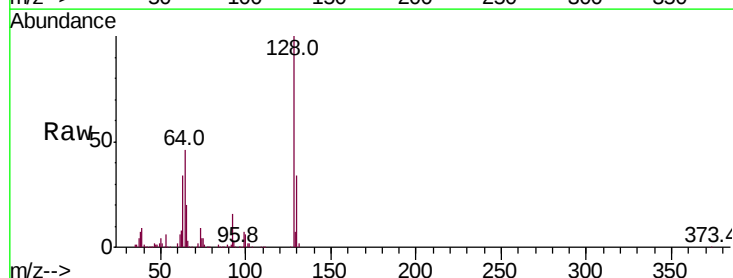
Tgt Ion: 128 Resp: 196549

Ion Ratio Lower Upper

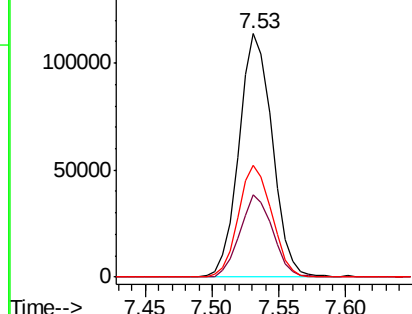
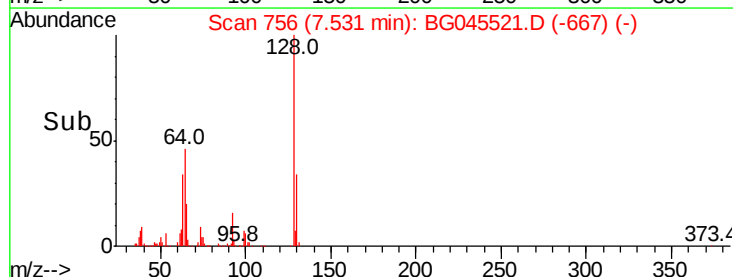
128 100

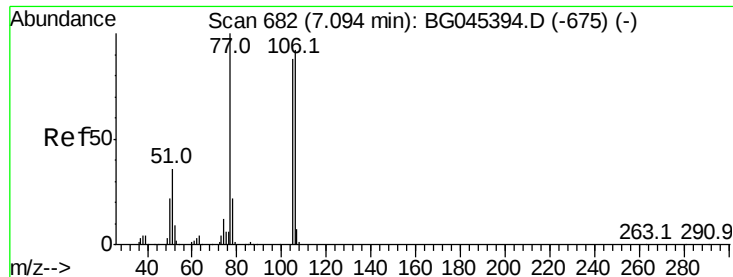
130 33.8 12.6 52.6

64 45.8 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: 39.314 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

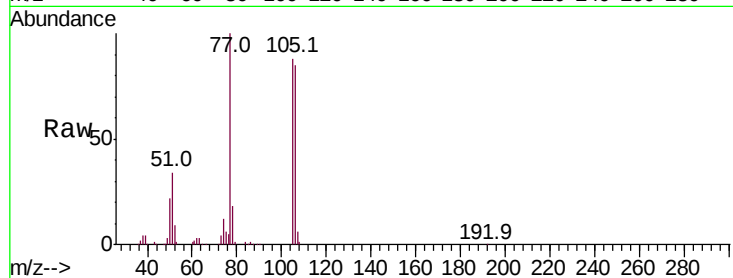
Tot Ion: 77 Resp: 125591

Ion Ratio Lower Upper

77 100

105 88.2 68.5 108.5

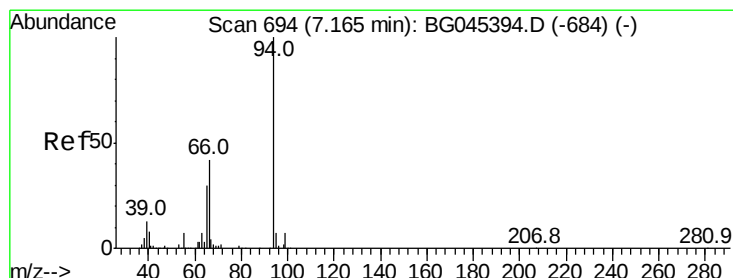
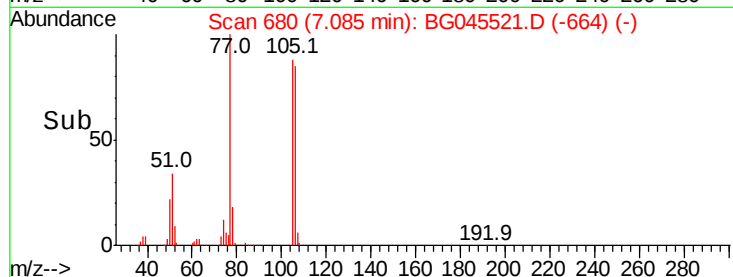
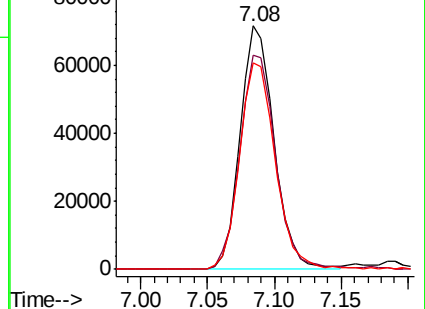
106 84.9 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.355 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

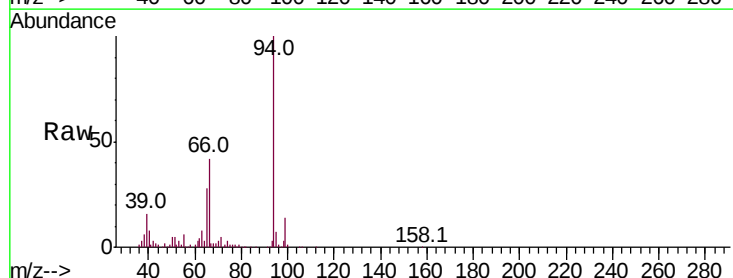
Tgt Ion: 94 Resp: 259518

Ion Ratio Lower Upper

94 100

65 27.6 9.8 49.8

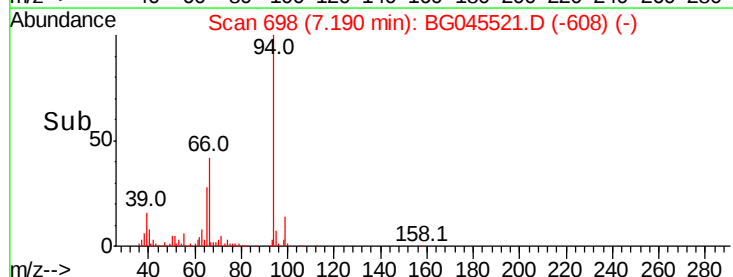
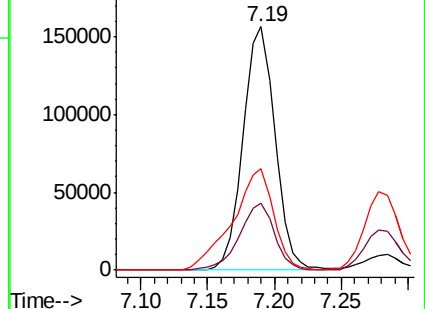
66 41.8 22.0 62.0

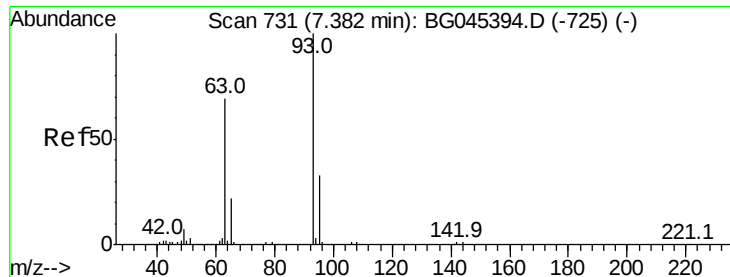


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

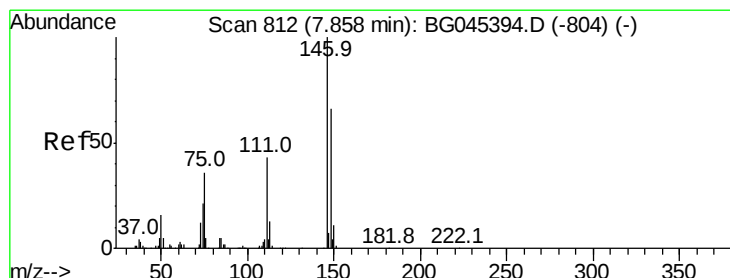
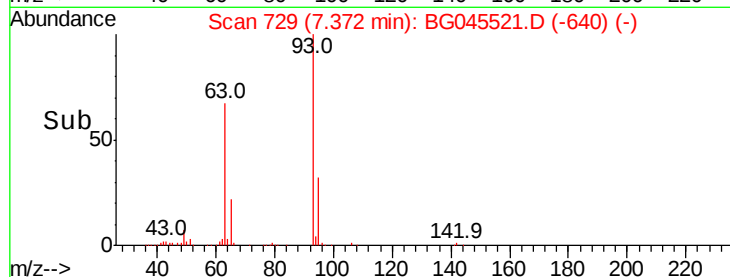
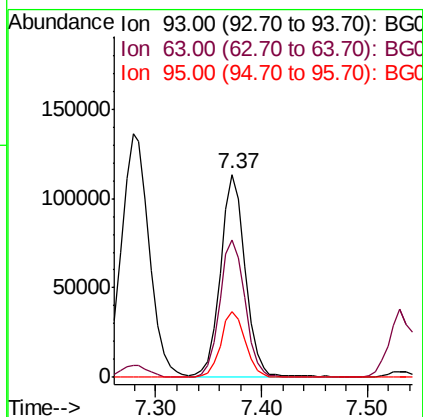
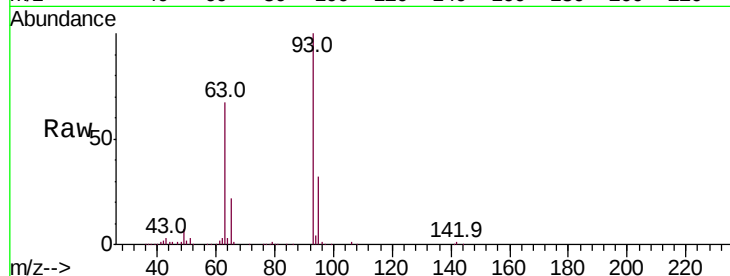




#11
bis(2-Chloroethyl)ether
Concen: 46.950 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

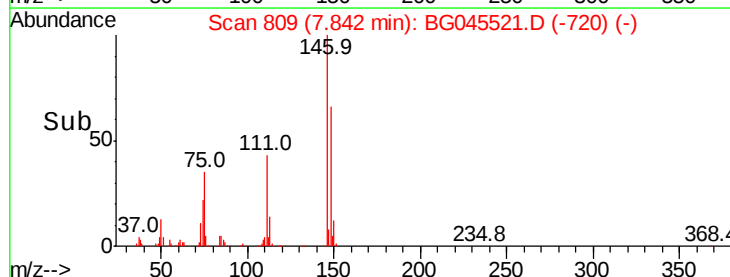
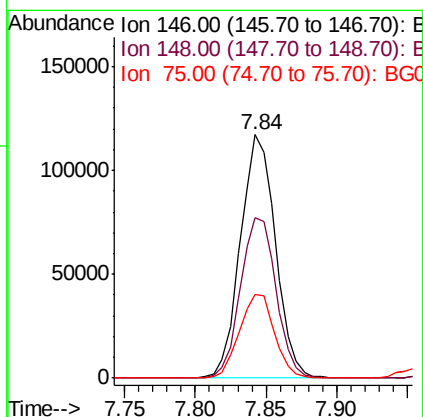
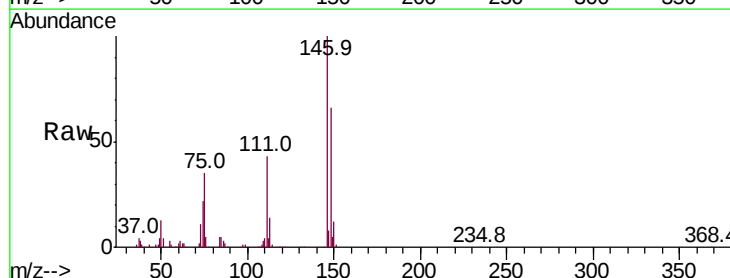
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

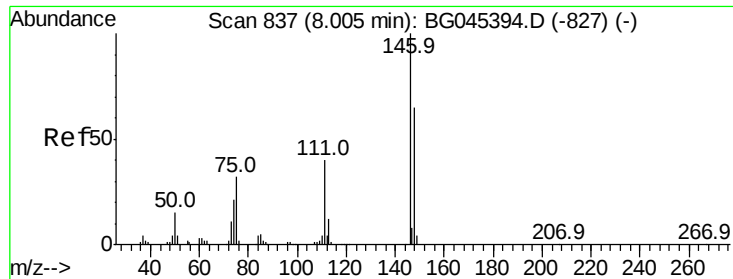
Tot Ion: 93 Resp: 185061
Ion Ratio Lower Upper
93 100
63 67.4 48.4 88.4
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.878 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion: 146 Resp: 203741
Ion Ratio Lower Upper
146 100
148 65.9 53.2 79.8
75 34.6 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 46.728 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

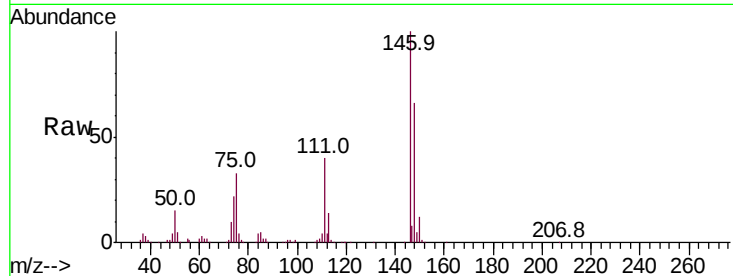
Tot Ion:146 Resp: 209352

Ion Ratio Lower Upper

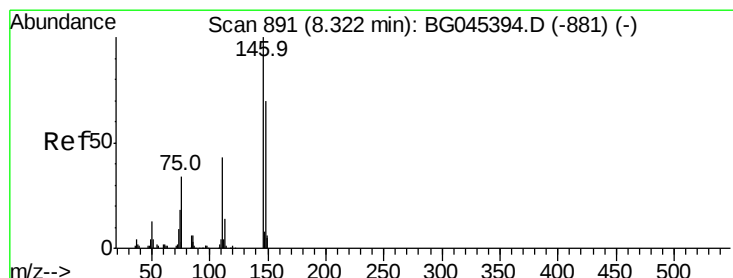
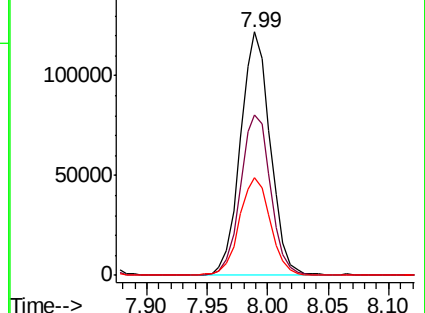
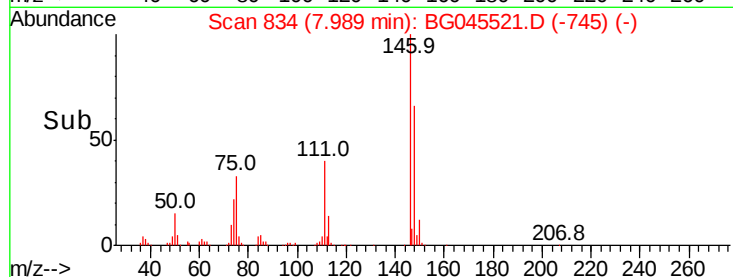
146 100

148 65.7 51.8 77.8

111 39.9 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 46.198 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

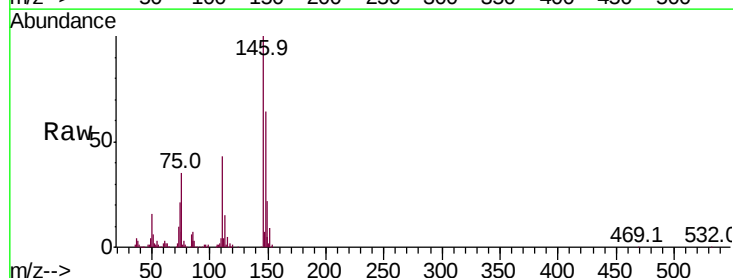
Tgt Ion:146 Resp: 199072

Ion Ratio Lower Upper

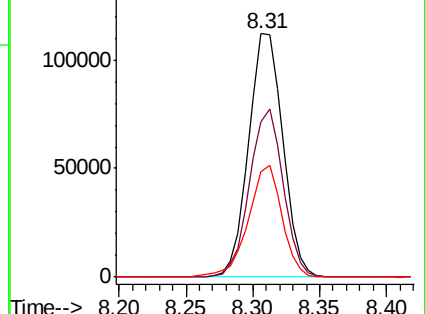
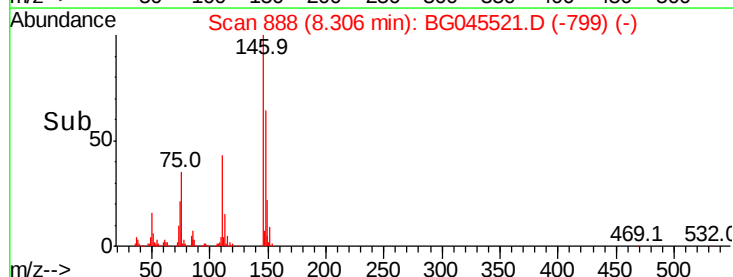
146 100

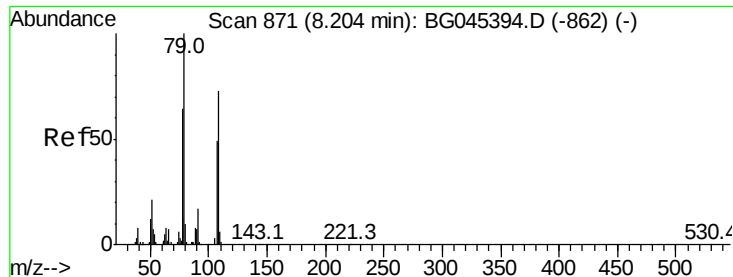
148 63.6 55.9 83.9

111 43.2 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 48.087 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

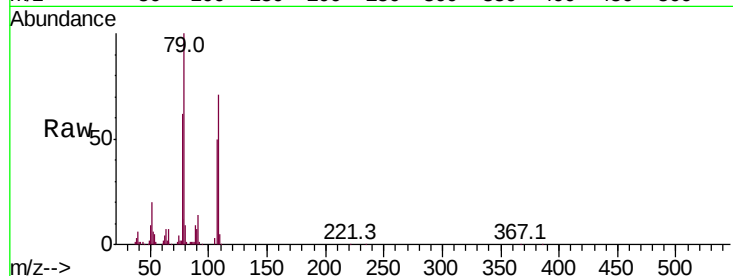
Tot Ion: 79 Resp: 194778

Ion Ratio Lower Upper

79 100

108 71.3 58.2 87.4

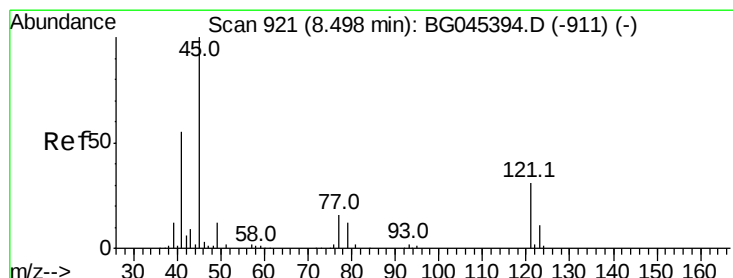
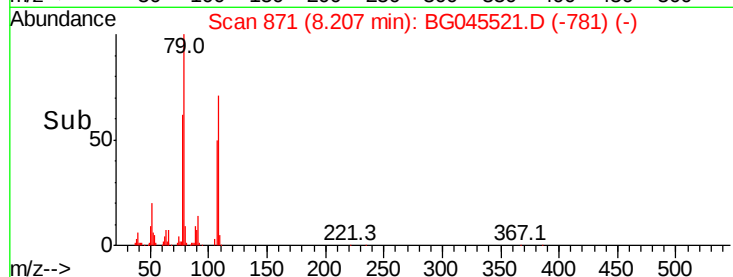
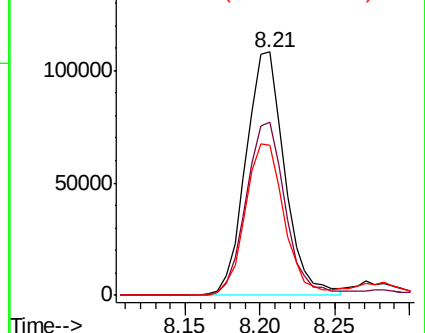
77 61.6 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.557 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

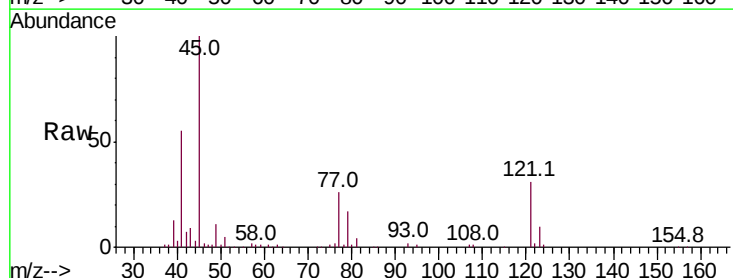
Tgt Ion: 45 Resp: 170456

Ion Ratio Lower Upper

45 100

77 25.6 4.0 44.0

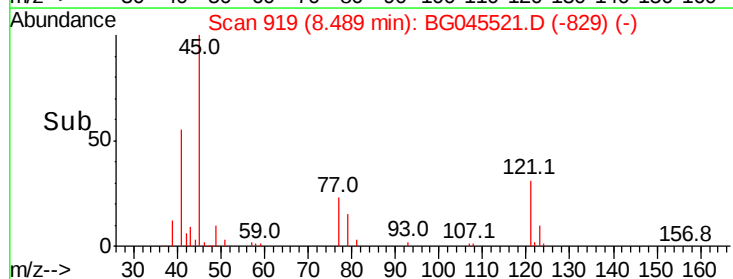
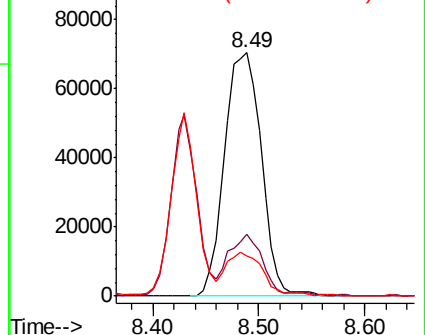
79 16.6 0.0 38.6

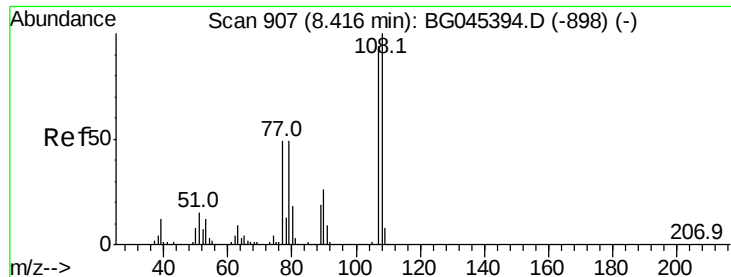


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.735 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

Tot Ion:107 Resp: 172990

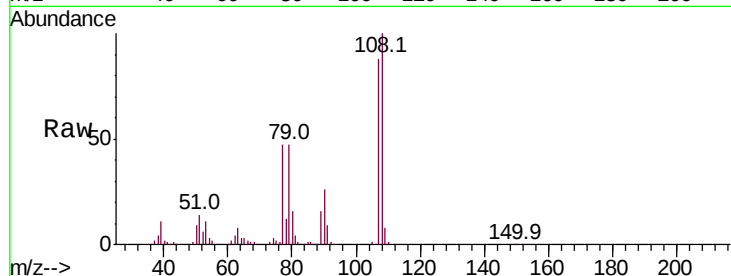
Ion Ratio Lower Upper

107 100

108 113.8 85.2 127.8

77 53.0 41.6 62.4

79 53.6 41.8 62.8

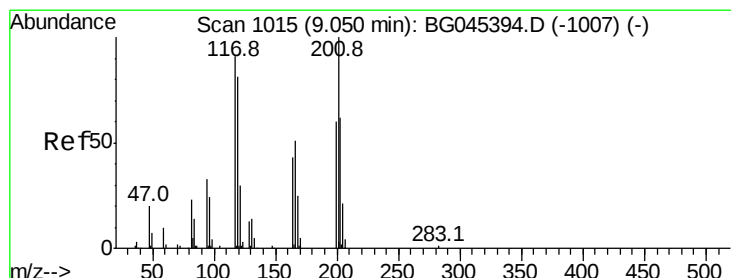
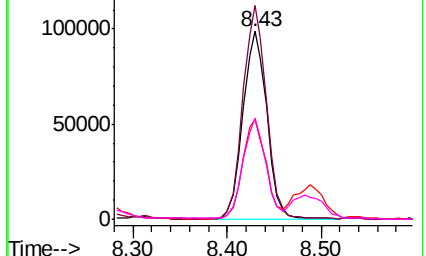
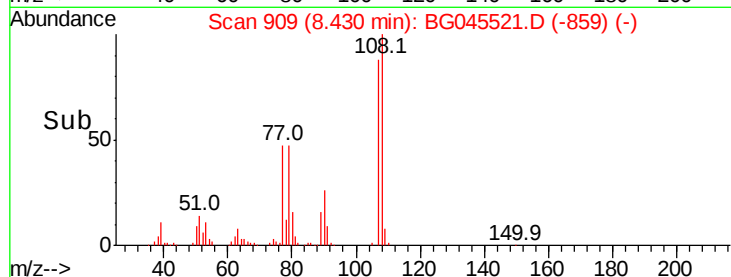


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.830 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

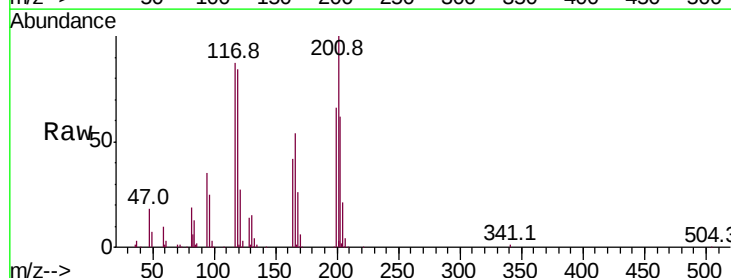
Tgt Ion:117 Resp: 78641

Ion Ratio Lower Upper

117 100

119 96.9 71.3 106.9

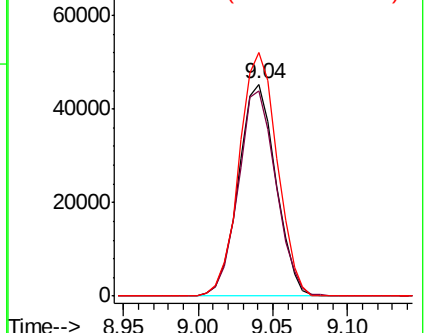
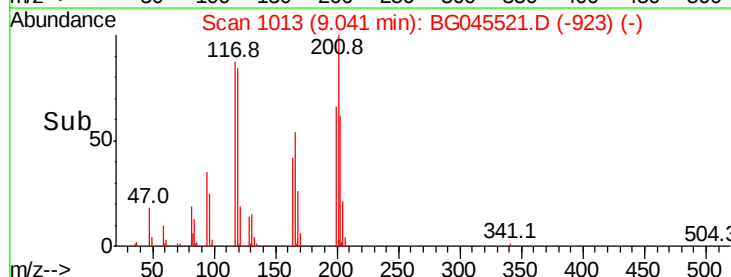
201 114.8 87.5 131.3

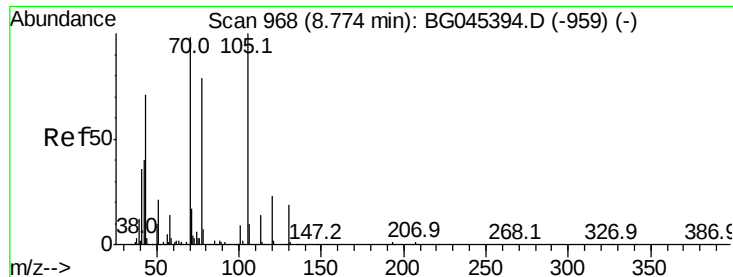


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

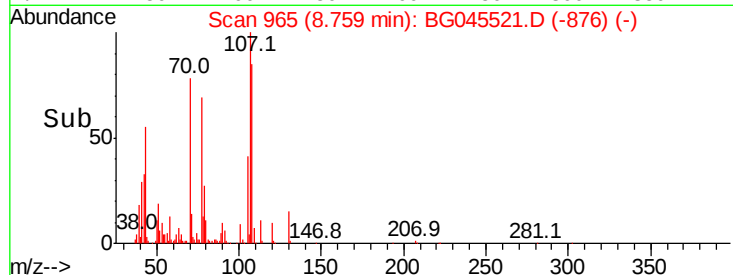
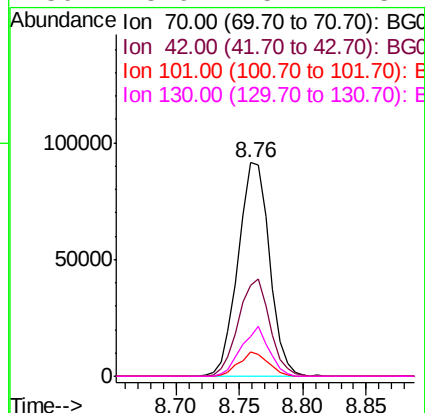
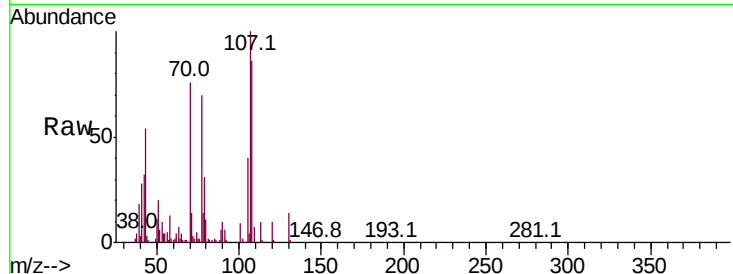




#19
n-Nitroso-di-n-propylamine
Concen: 46.495 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

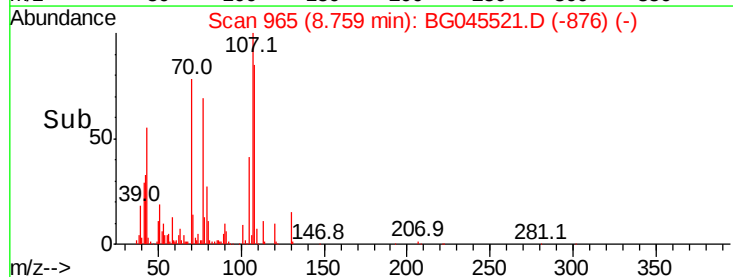
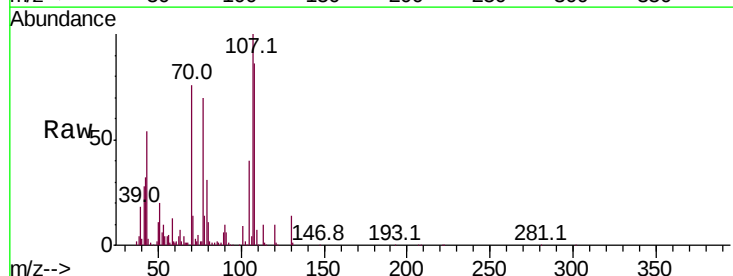
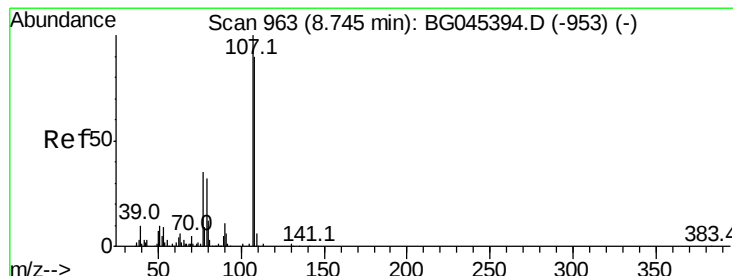
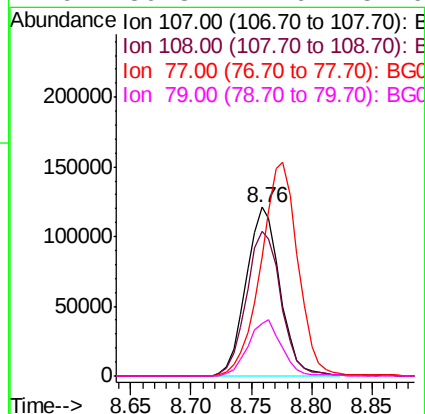
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

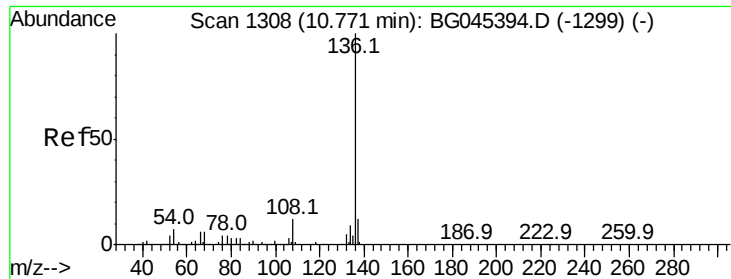
Tot Ion:	70	Resp:	157649
Ion	Ratio	Lower	Upper
70	100		
42	42.5	33.2	49.8
101	11.5	7.8	11.6
130	18.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 45.983 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:	107	Resp:	236848
Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.3	110.3
77	70.5	15.4	55.4#
79	30.8	12.6	52.6

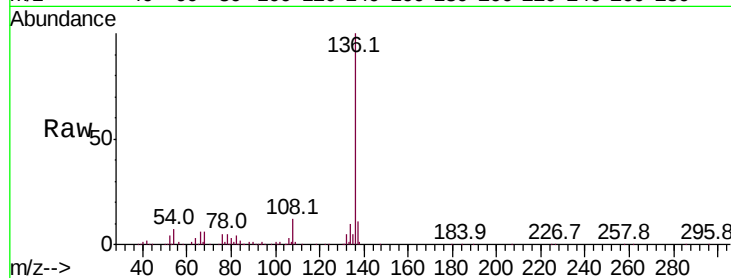




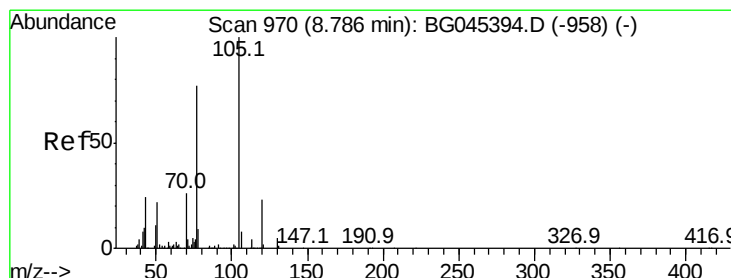
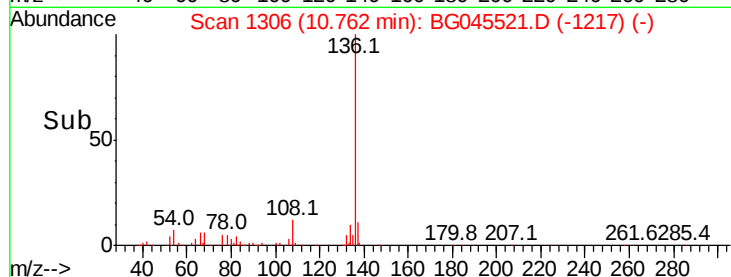
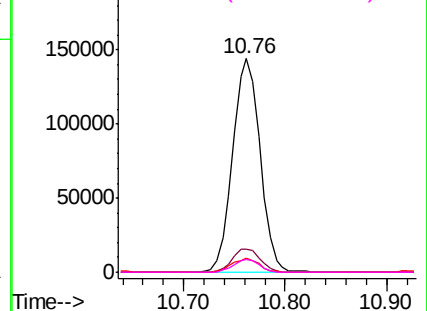
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB129160BSD

Tot Ion:	136	Resp:	269610
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.2
54	6.9	5.8	8.6
68	5.9	4.5	6.7

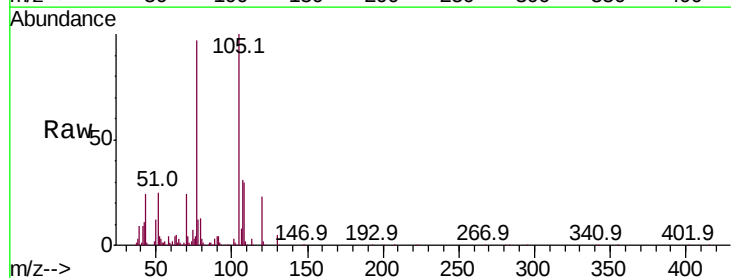


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

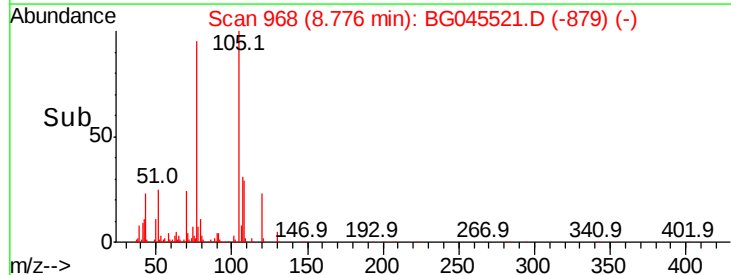
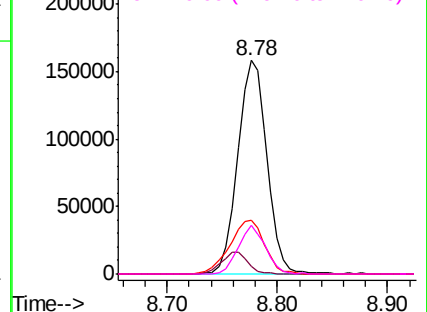


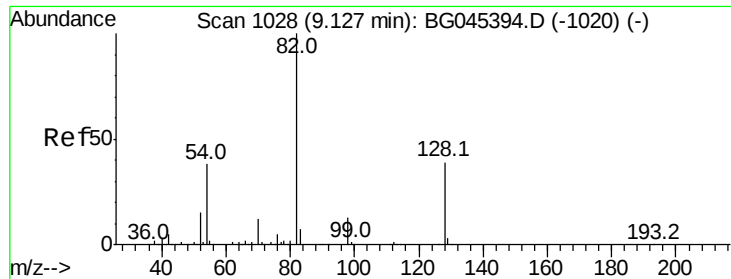
#22
Acetophenone
Concen: 45.885 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:	105	Resp:	293207
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.4	5.0
51	25.3	18.2	27.2
120	22.8	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

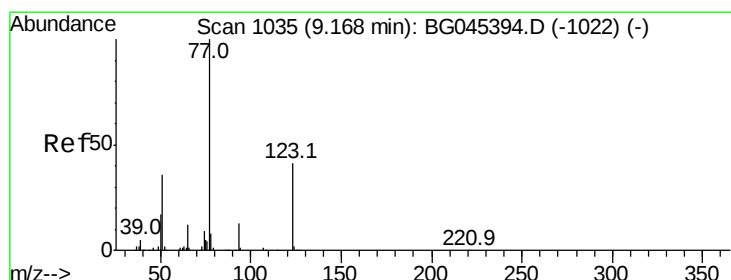
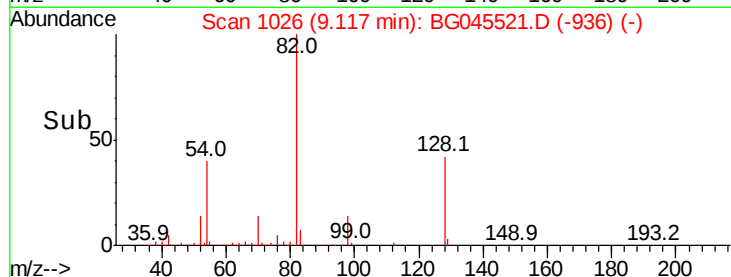
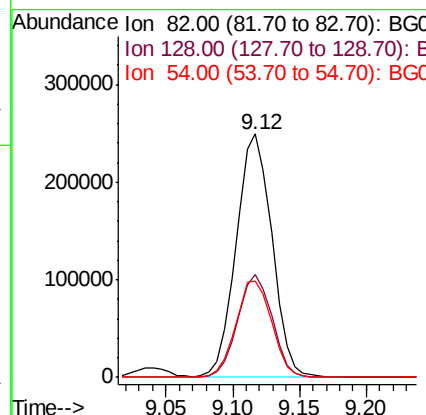
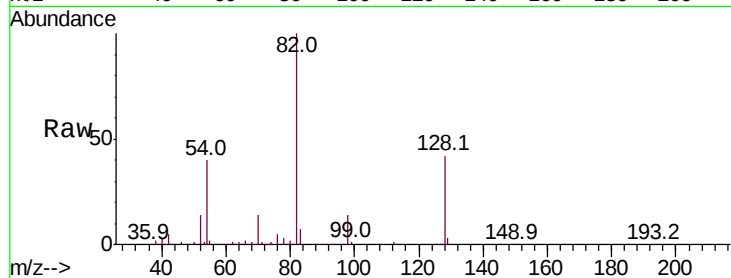




#23
 Nitrobenzene-d5
 Concen: 93.386 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

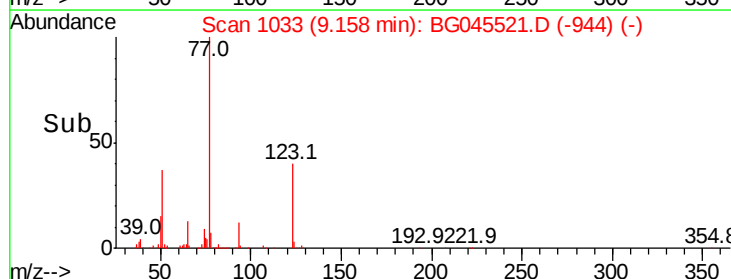
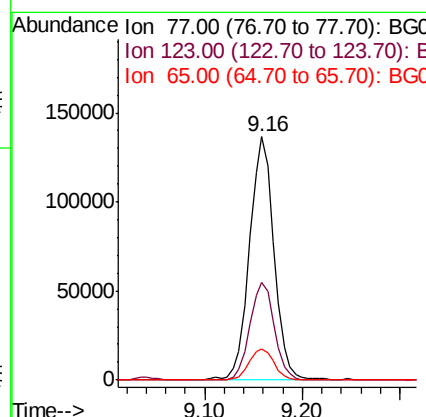
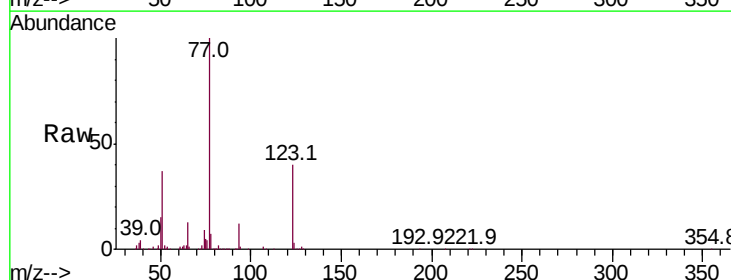
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

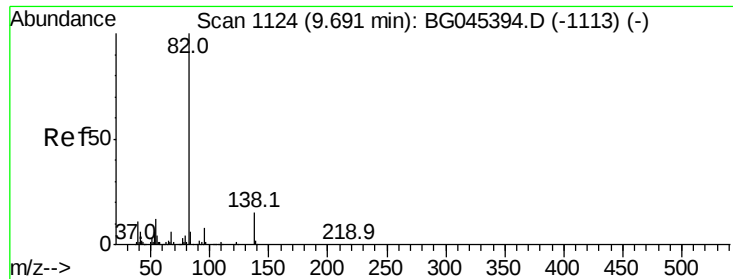
Tot Ion: 82 Resp: 461712
 Ion Ratio Lower Upper
 82 100
 128 42.5 30.9 46.3
 54 39.8 30.3 45.5



#24
 Nitrobenzene
 Concen: 45.033 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Tgt Ion: 77 Resp: 238544
 Ion Ratio Lower Upper
 77 100
 123 40.4 32.9 49.3
 65 12.6 9.4 14.2





#25

Isophorone

Concen: 45.726 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

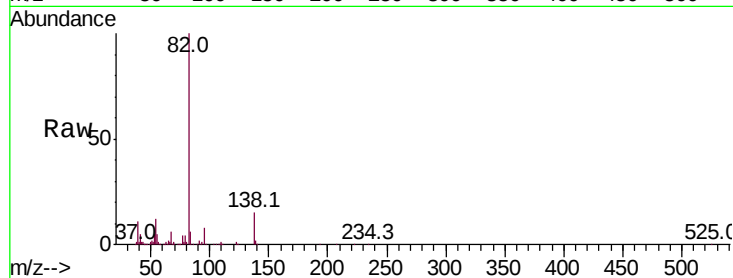
Tot Ion: 82 Resp: 445229

Ion Ratio Lower Upper

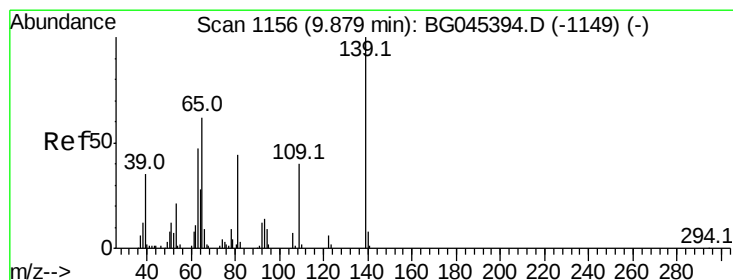
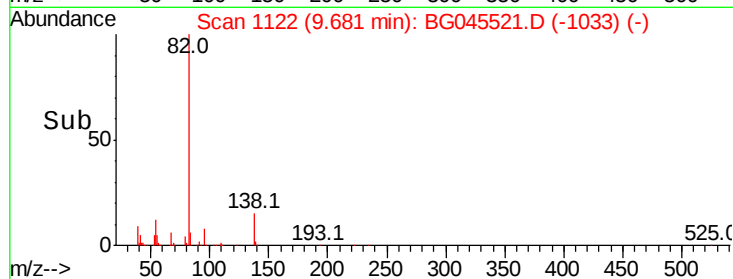
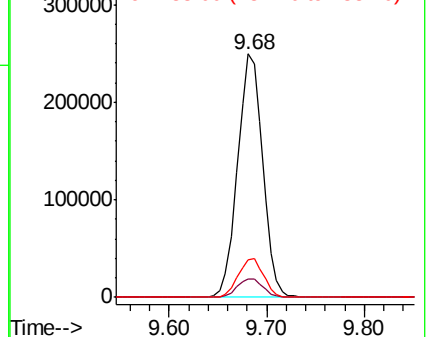
82 100

95 7.7 6.7 10.1

138 15.2 12.2 18.4



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



#26

2-Nitrophenol

Concen: 49.605 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

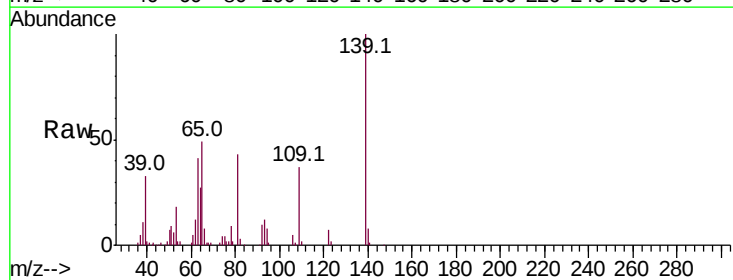
Tgt Ion: 139 Resp: 112405

Ion Ratio Lower Upper

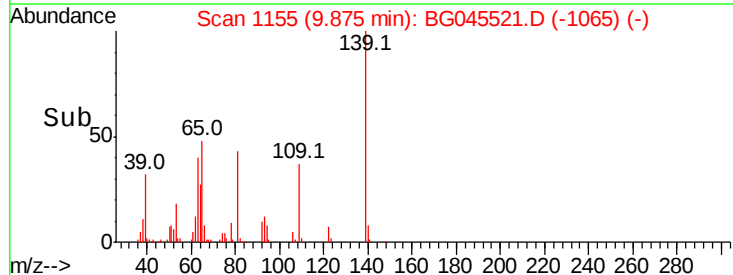
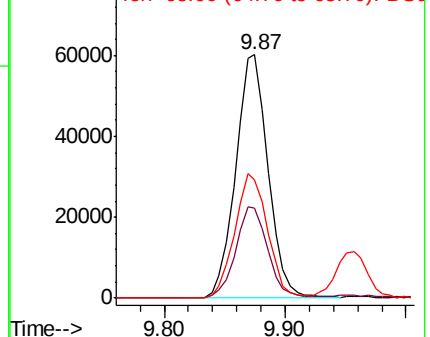
139 100

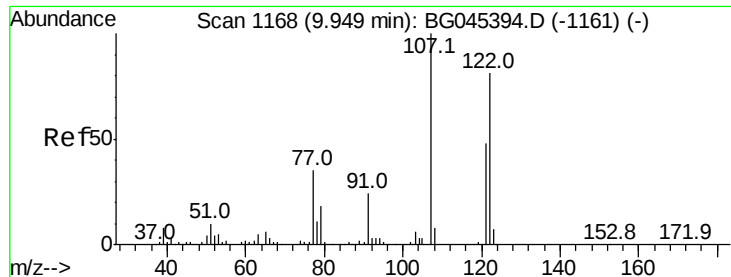
109 37.0 32.2 48.4

65 48.8 49.6 74.4#



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

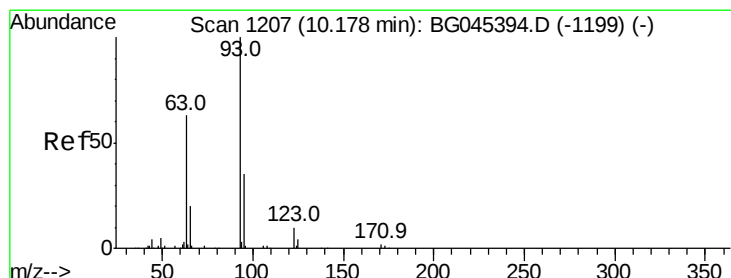
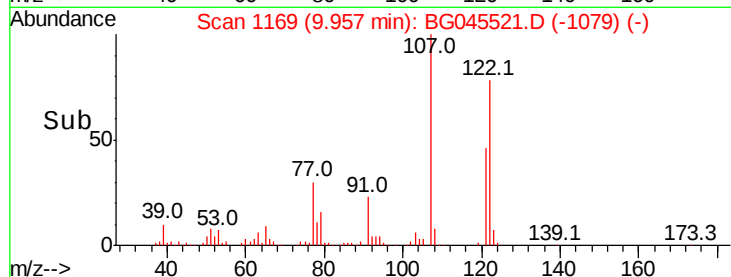
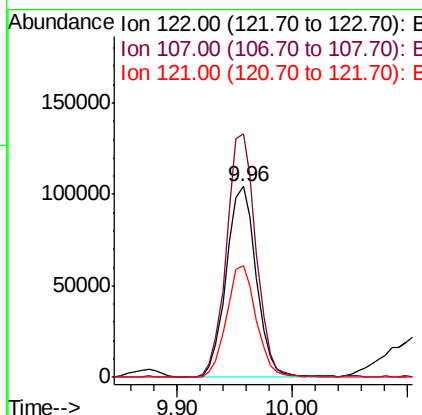
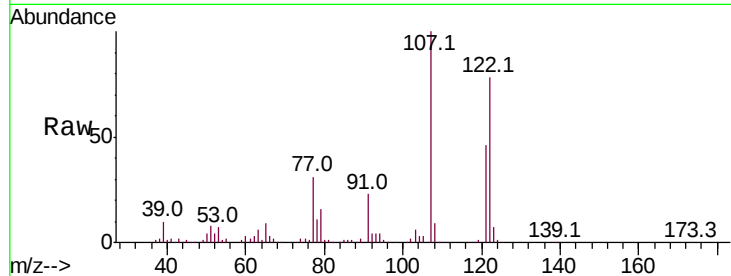




#27
 2,4-Dimethylphenol
 Concen: 55.885 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

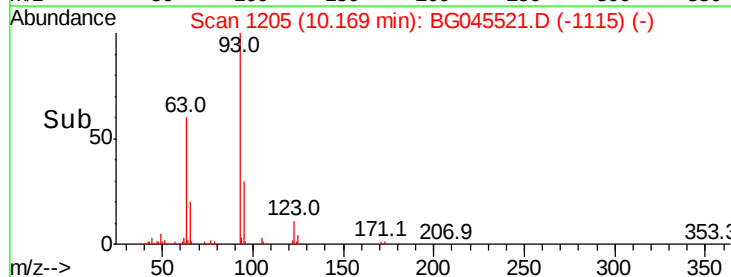
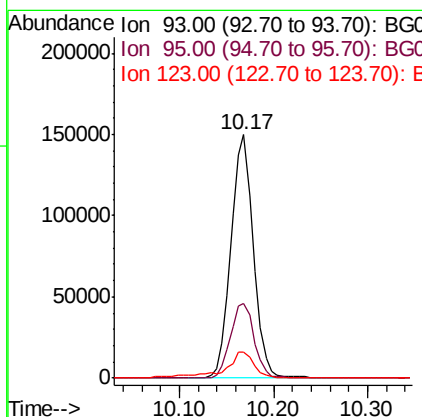
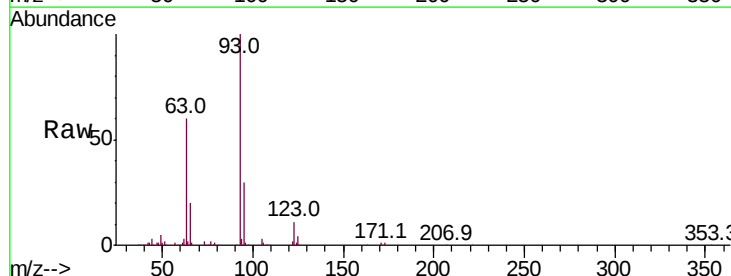
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

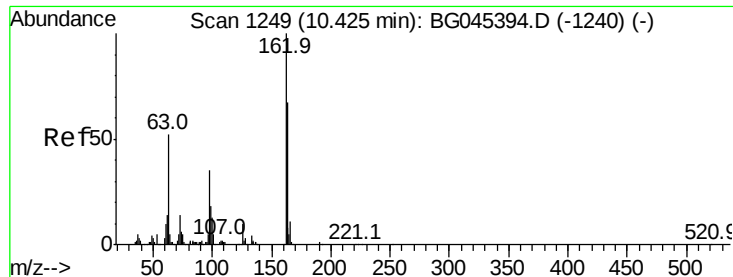
Tot Ion:122 Resp: 187822
 Ion Ratio Lower Upper
 122 100
 107 127.7 99.0 148.4
 121 58.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.578 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Tgt Ion: 93 Resp: 248055
 Ion Ratio Lower Upper
 93 100
 95 30.4 27.6 41.4
 123 10.6 8.1 12.1

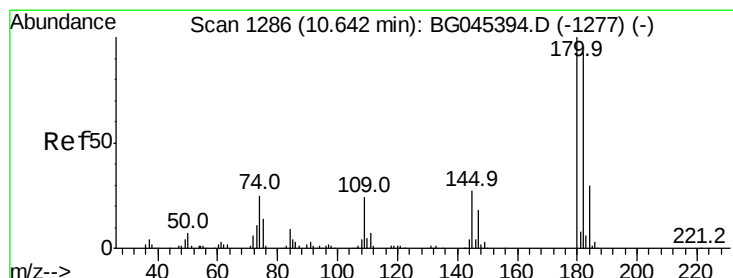
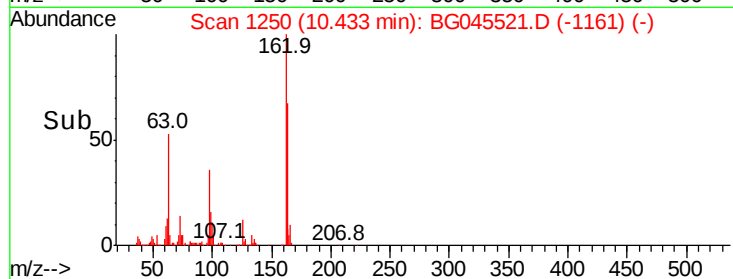
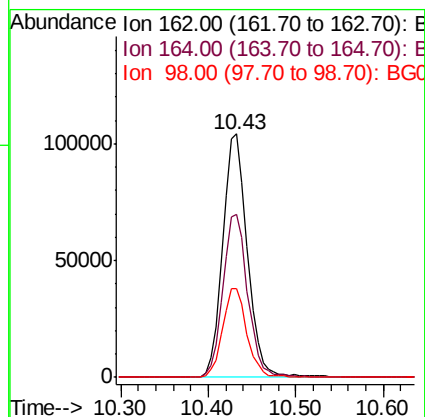
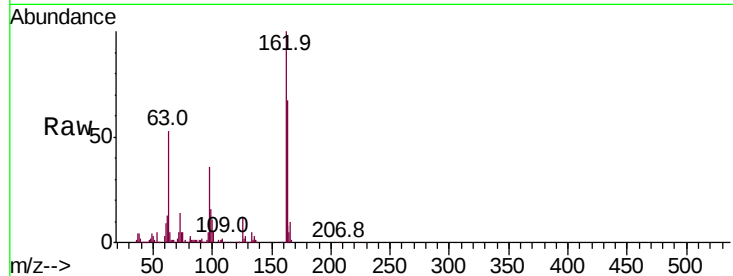




#29
2,4-Dichlorophenol
Concen: 50.543 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

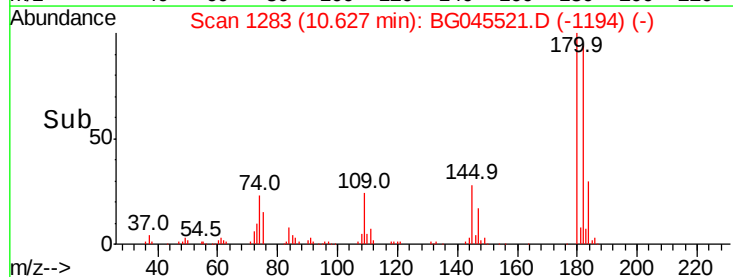
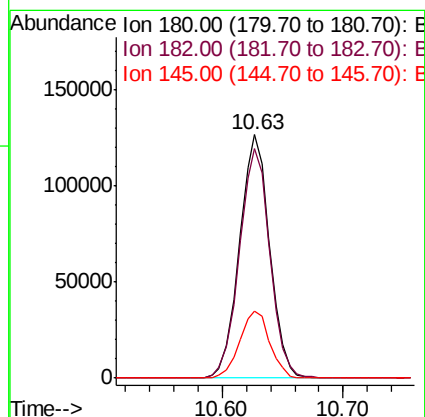
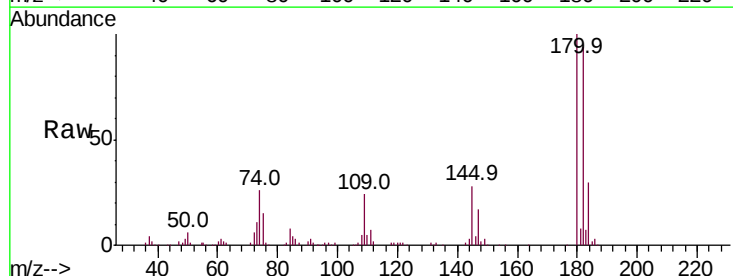
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

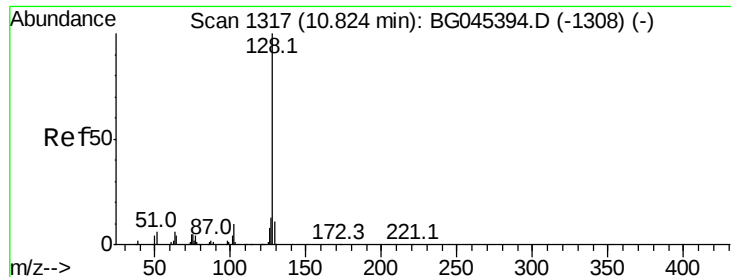
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	46.8	86.8
98	36.3	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 46.975 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.8	112.2
145	27.7	21.9	32.9

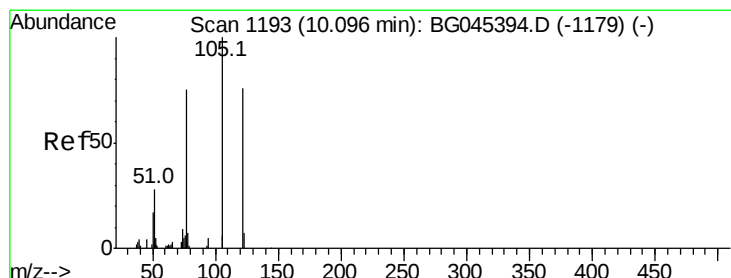
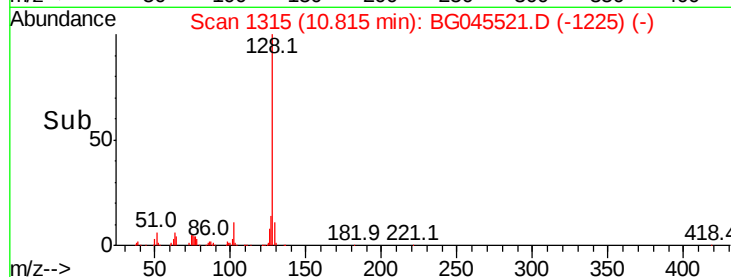
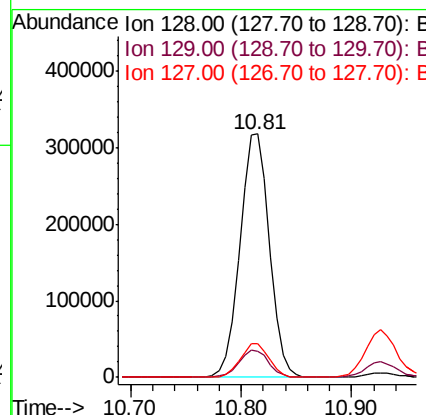
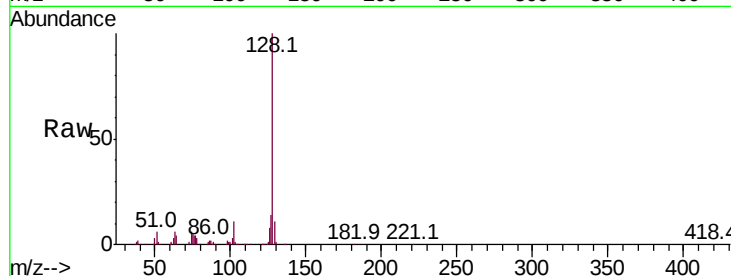




#31
Naphthalene
Concen: 47.308 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

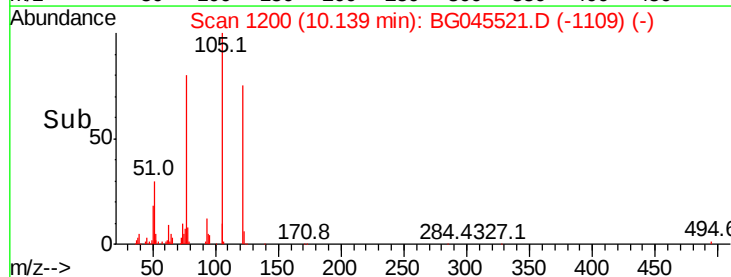
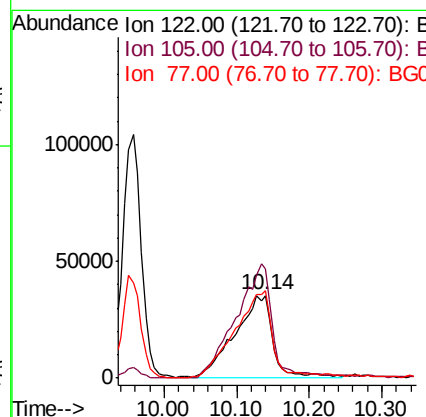
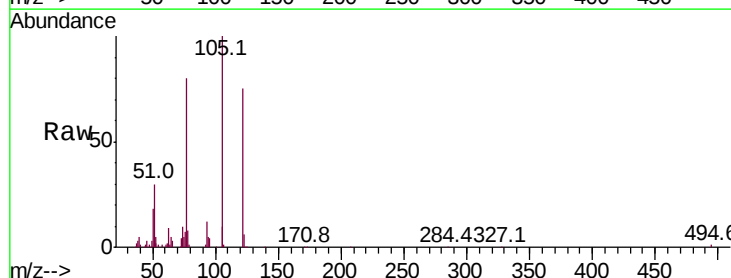
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

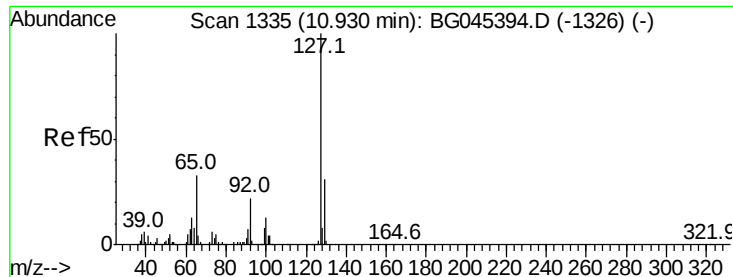
Tot Ion:128 Resp: 594358
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 53.860 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:122 Resp: 126648
Ion Ratio Lower Upper
122 100
105 132.7 107.9 147.9
77 106.3 78.9 118.9

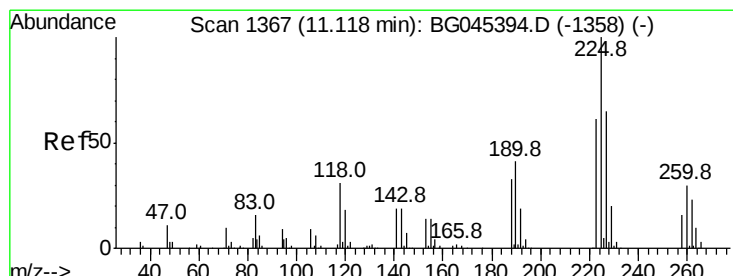
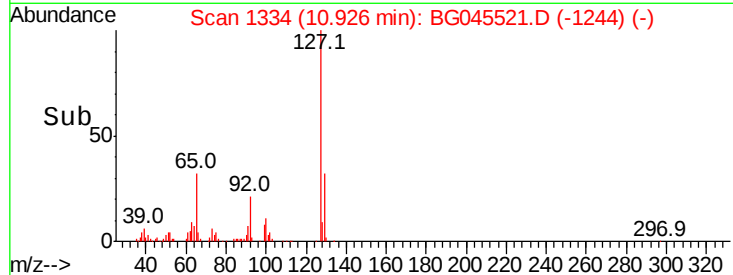
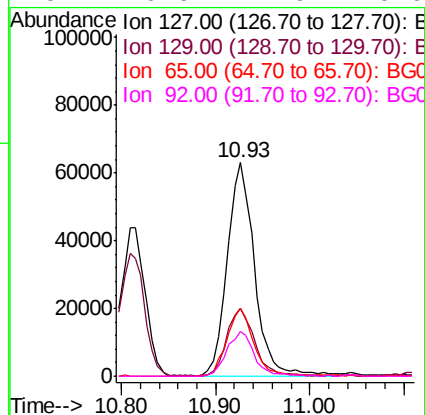
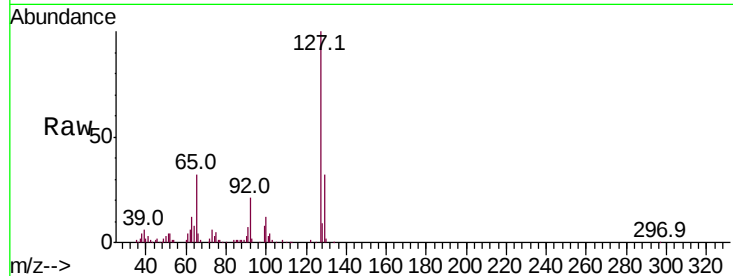




#33
4-Chloroaniline
Concen: 24.370 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

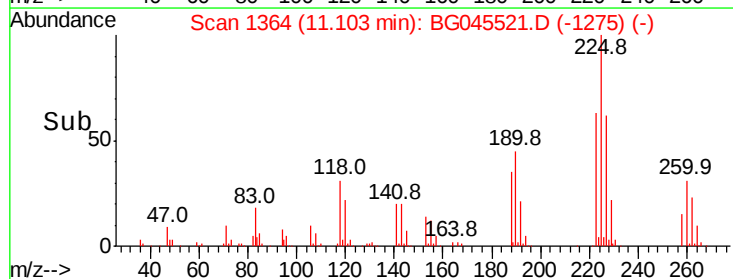
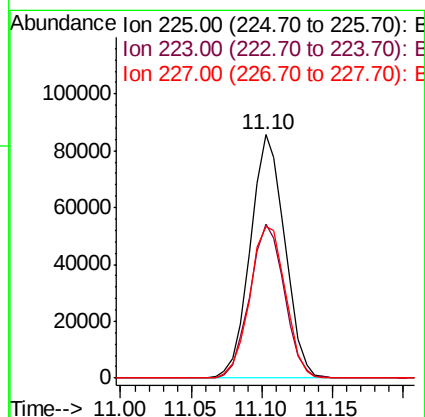
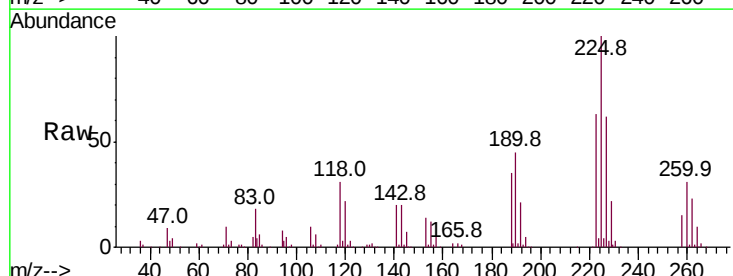
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

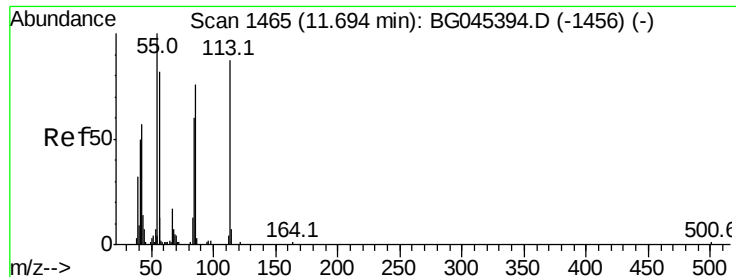
Tot Ion:127	Resp:	127985
Ion	Ratio	Lower Upper
127	100	
129	31.8	24.7 37.1
65	31.9	26.2 39.2
92	20.9	17.9 26.9



#34
Hexachlorobutadiene
Concen: 44.259 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:225	Resp:	146718
Ion	Ratio	Lower Upper
225	100	
223	63.1	49.1 73.7
227	62.4	52.0 78.0

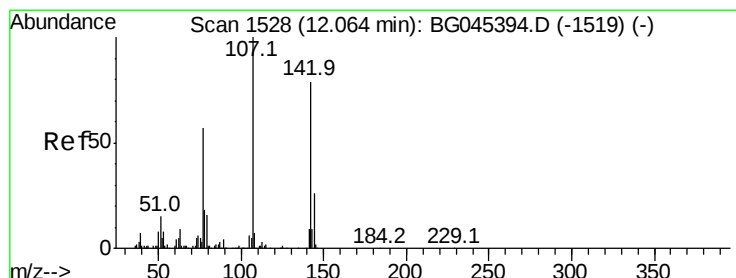
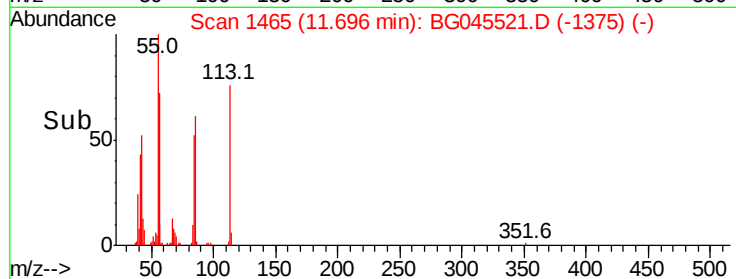
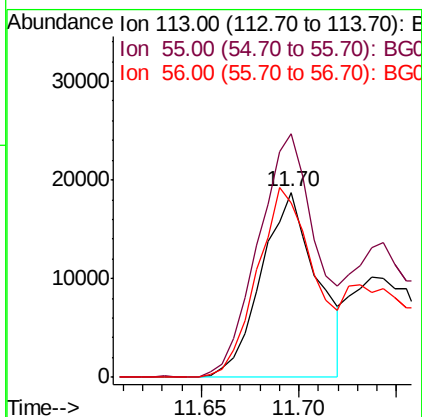
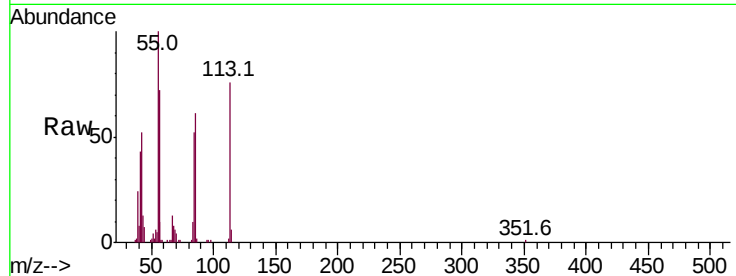




#35
 Caprolactam
 Concen: 25.502 ng
 RT: 11.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

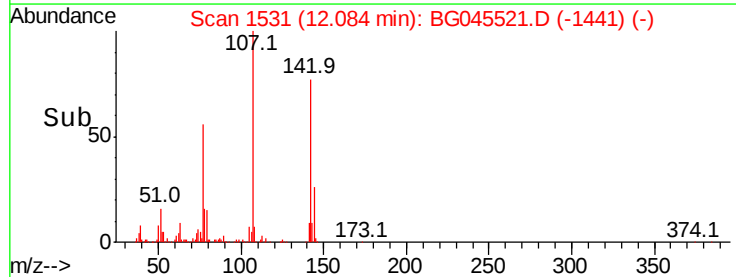
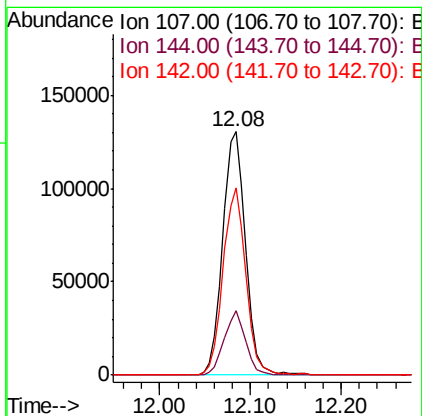
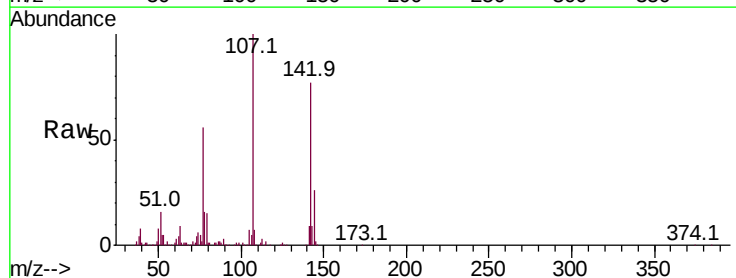
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

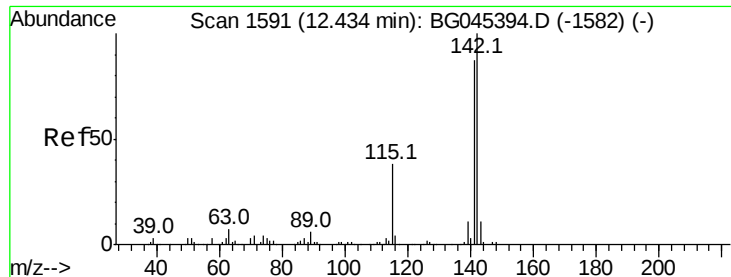
Tot Ion:113 Resp: 37150
 Ion Ratio Lower Upper
 113 100
 55 131.3 96.0 136.0
 56 94.2 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.945 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Tgt Ion:107 Resp: 227835
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.8 31.2
 142 77.1 62.8 94.2

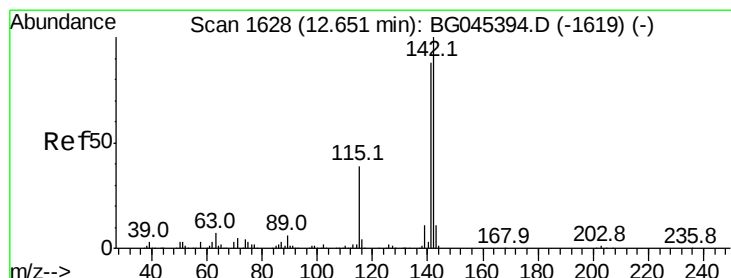
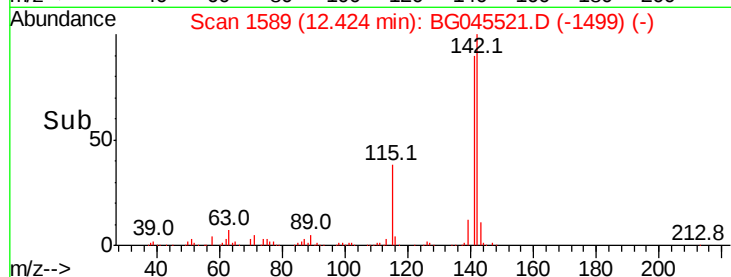
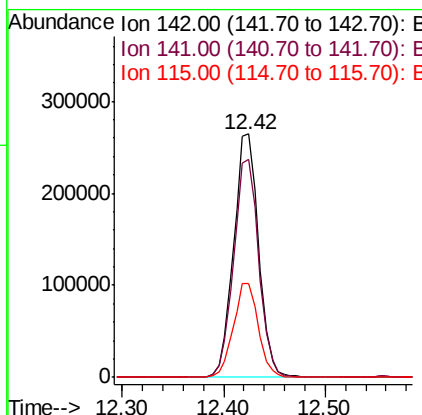
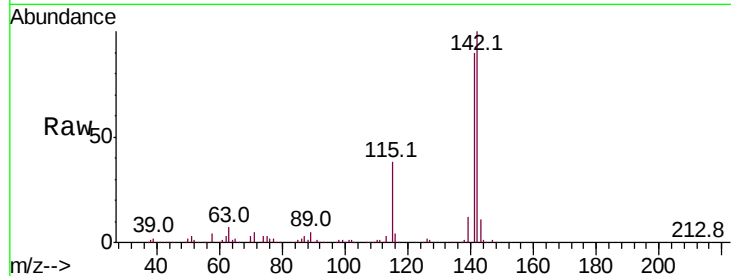




#37
 2-Methylnaphthalene
 Concen: 48.377 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

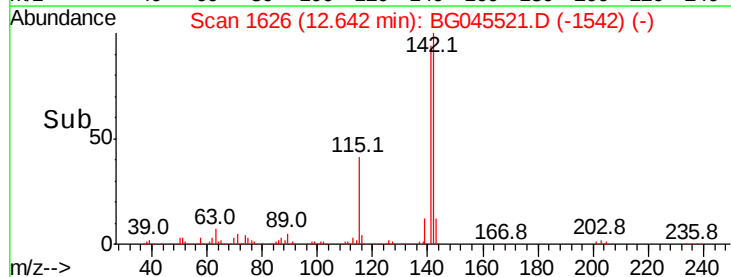
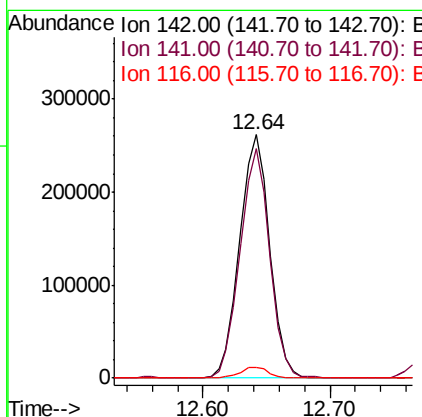
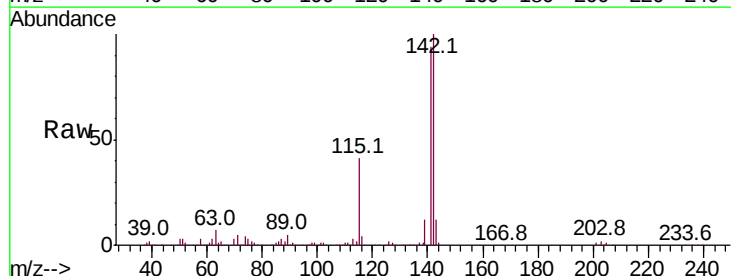
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

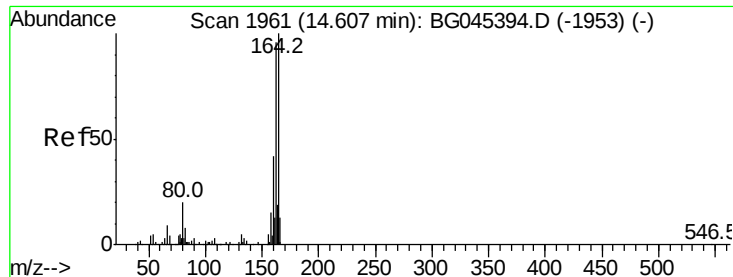
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	38.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 48.592 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.8	106.2
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

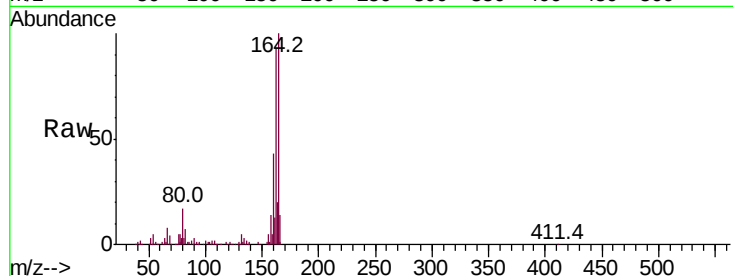
Tot Ion:164 Resp: 195171

Ion Ratio Lower Upper

164 100

162 92.7 76.9 115.3

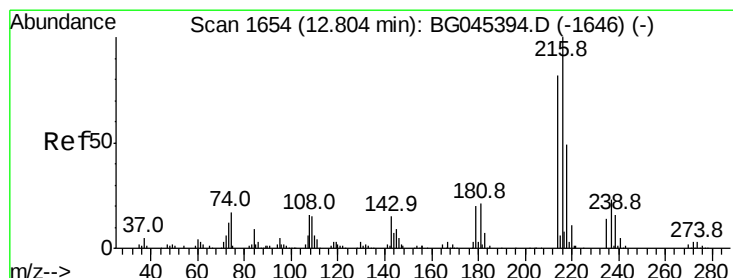
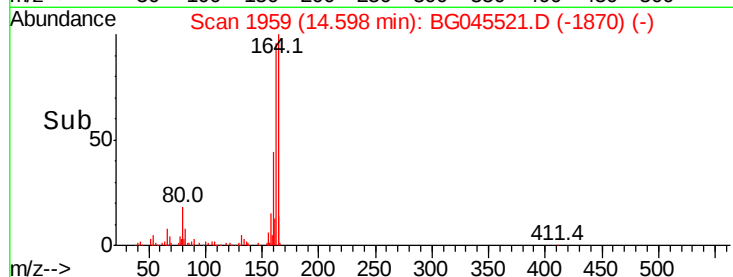
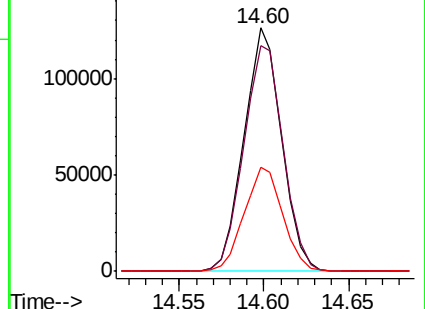
160 42.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.338 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Tgt Ion:216 Resp: 258061

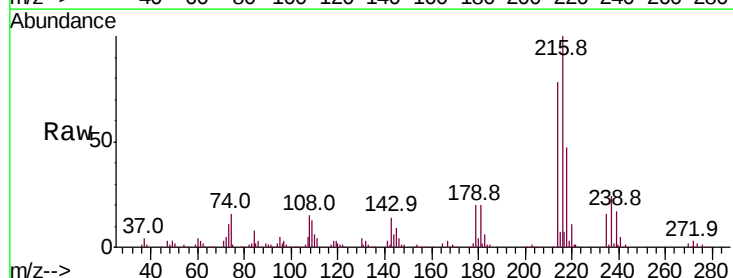
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 19.8 16.1 24.1

108 18.6 13.8 20.6

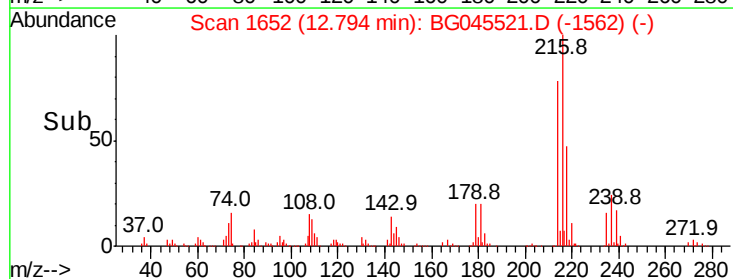
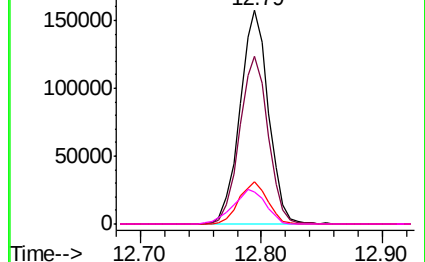


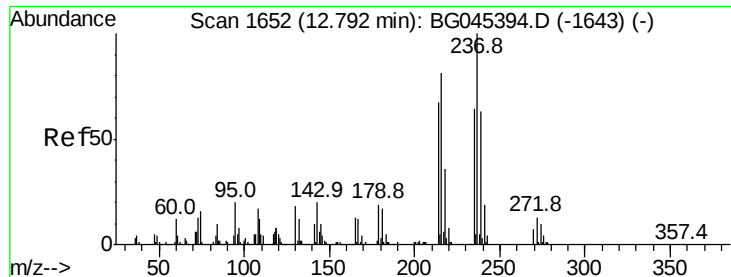
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.560 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

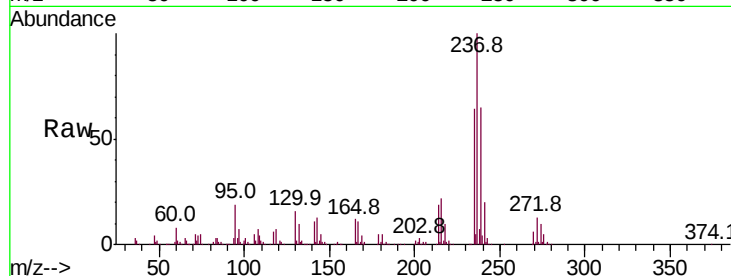
Tot Ion:237 Resp: 303822

Ion Ratio Lower Upper

237 100

235 64.1 44.4 84.4

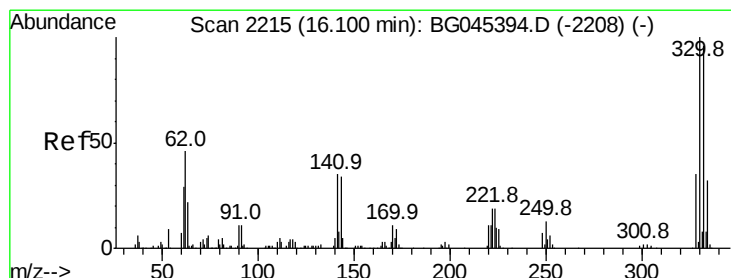
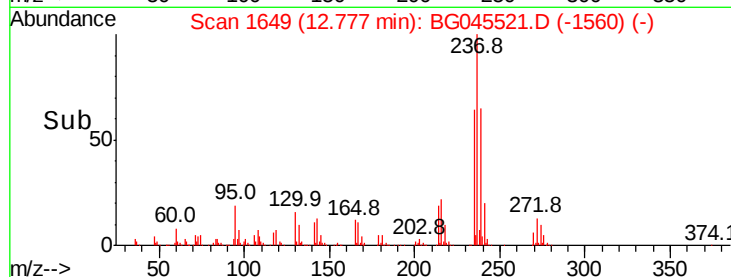
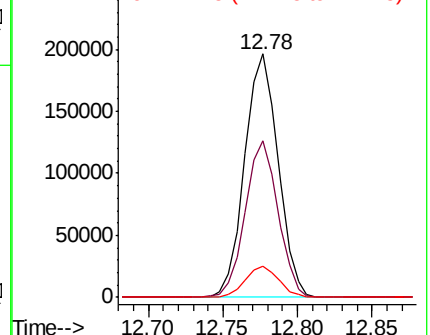
272 13.0 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.239 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

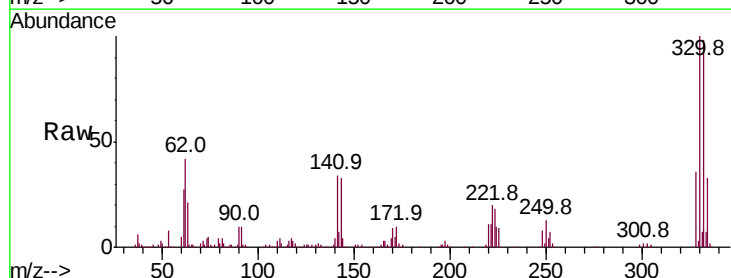
Tgt Ion:330 Resp: 352535

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

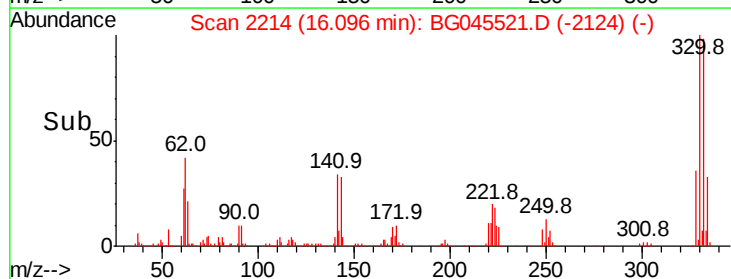
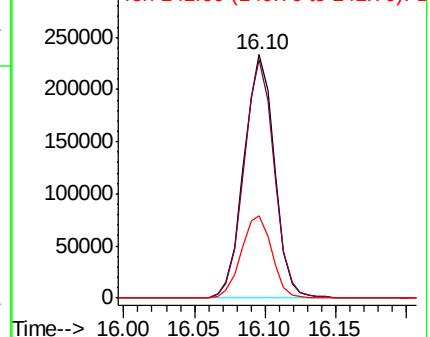
141 34.4 28.2 42.4

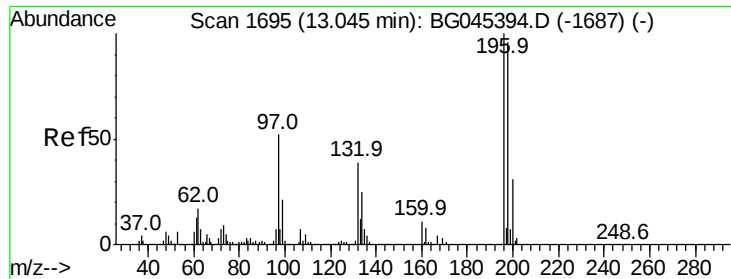


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 46.452 ng

RT: 13.04 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

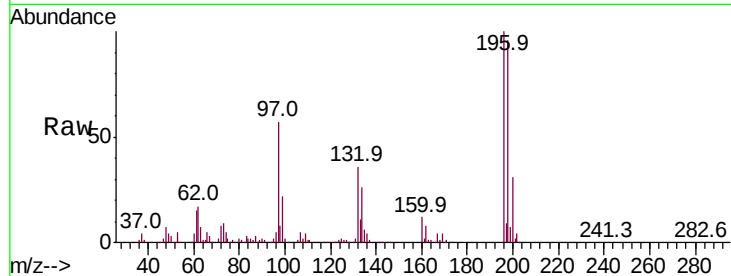
Tot Ion:196 Resp: 175909

Ion Ratio Lower Upper

196 100

198 96.4 76.7 115.1

200 30.5 24.9 37.3

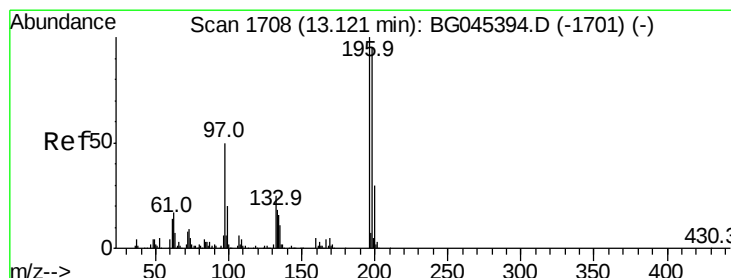
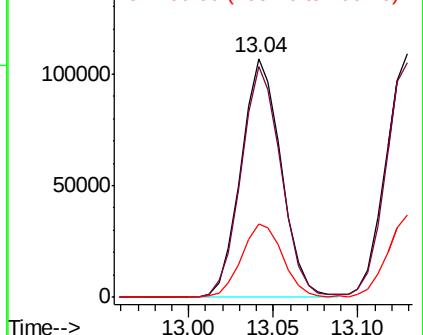
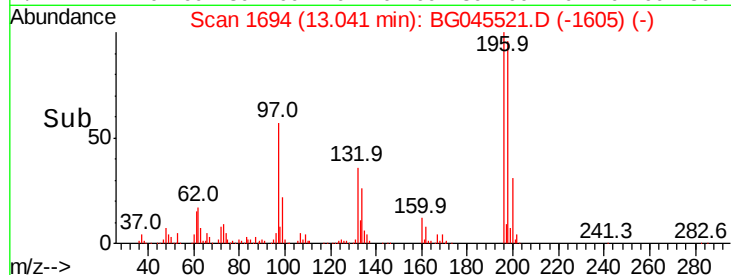


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.178 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Tgt Ion:196 Resp: 186851

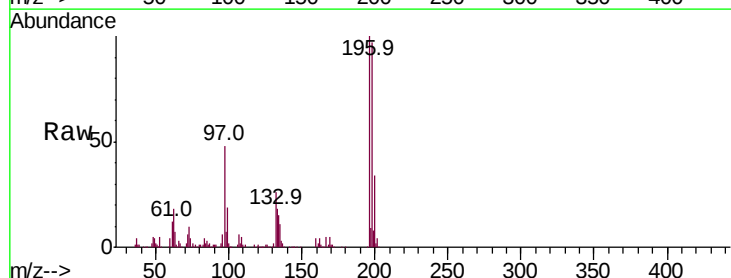
Ion Ratio Lower Upper

196 100

198 96.6 76.1 114.1

97 47.8 40.0 60.0

132 25.8 20.2 30.2



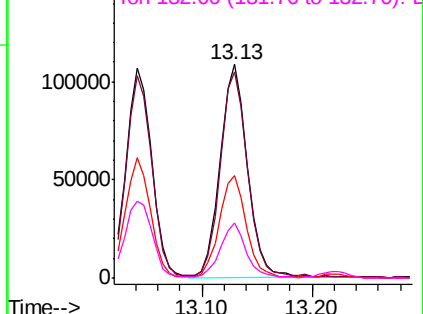
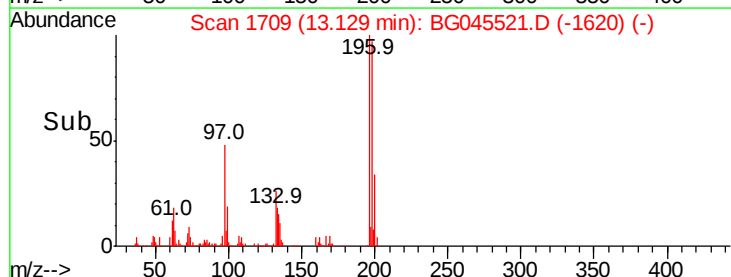
Abundance

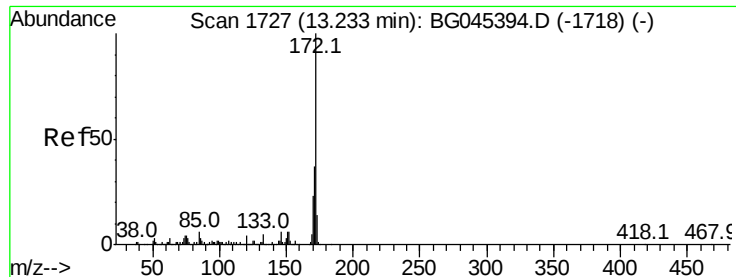
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

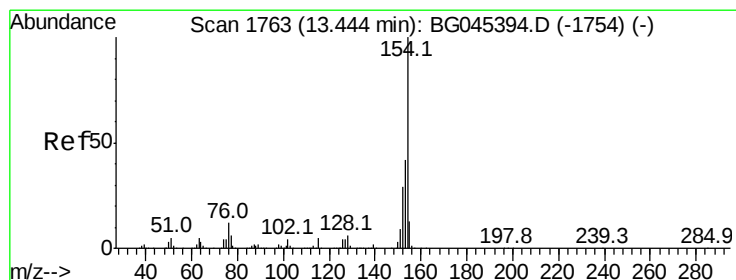
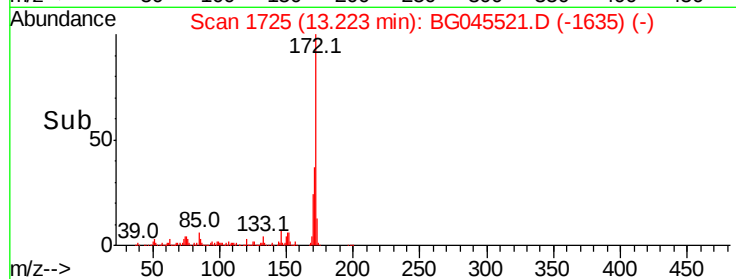
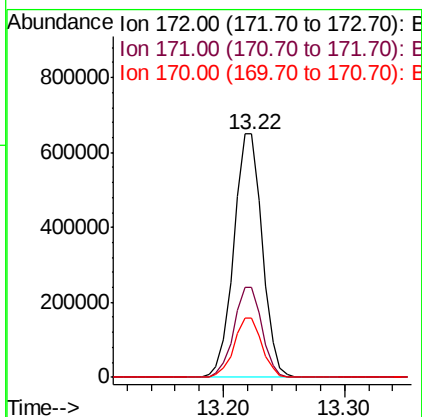
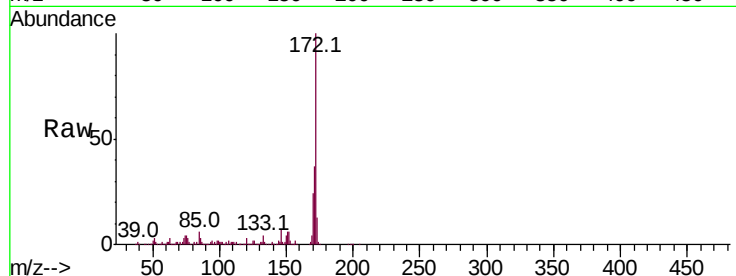




#45
2-Fluorobiphenyl
Concen: 92.556 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

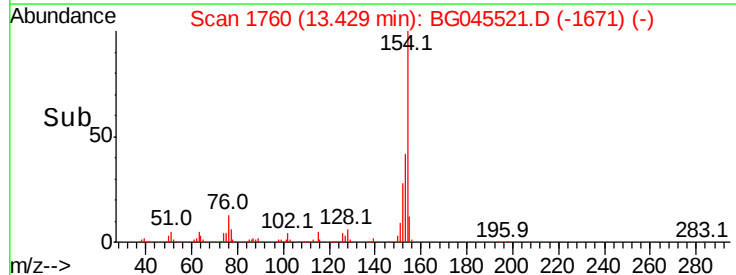
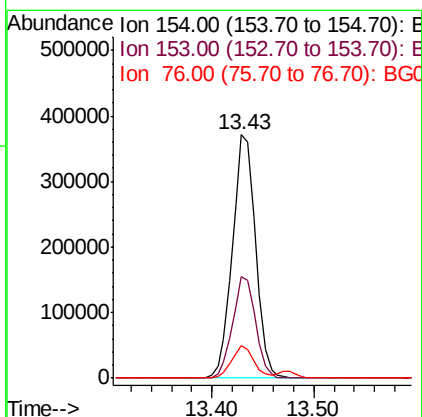
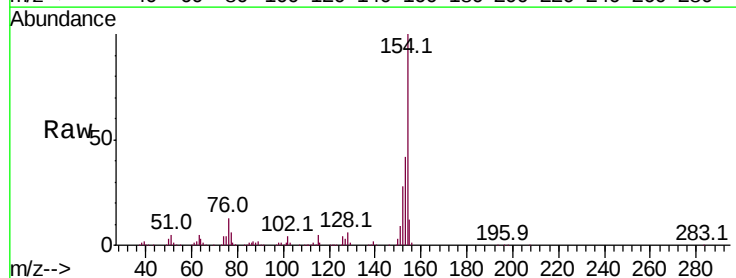
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

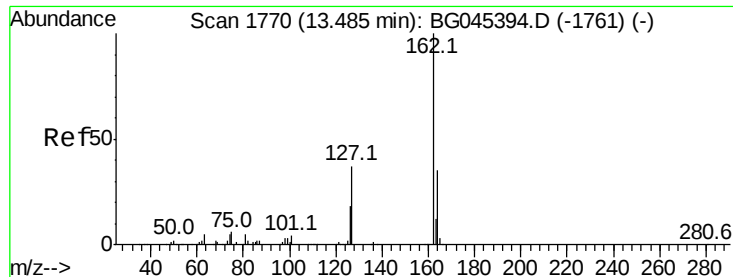
Tot Ion:172 Resp: 1064976
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 49.083 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:154 Resp: 588625
Ion Ratio Lower Upper
154 100
153 41.5 22.2 62.2
76 13.2 0.0 32.4

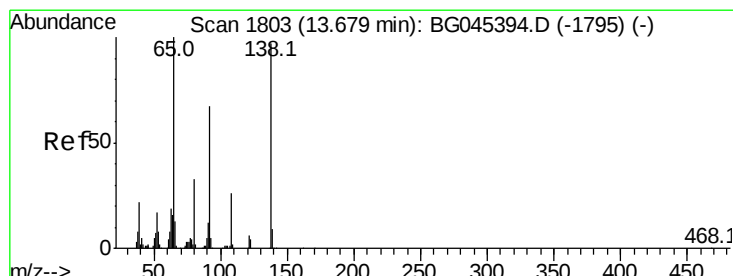
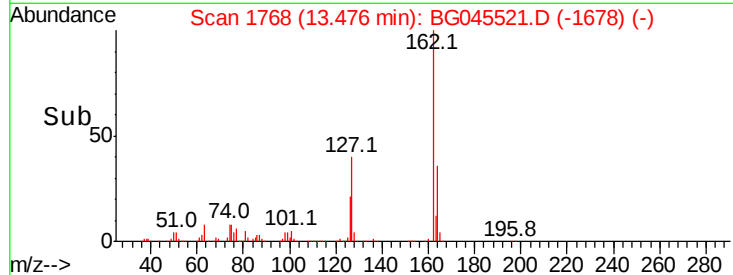
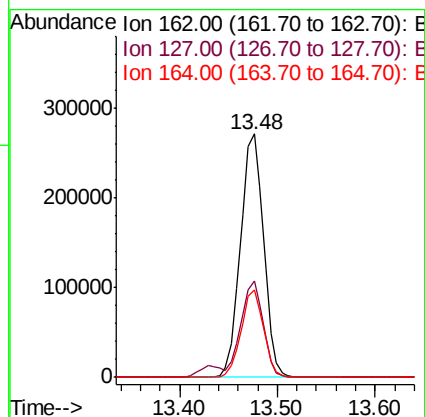
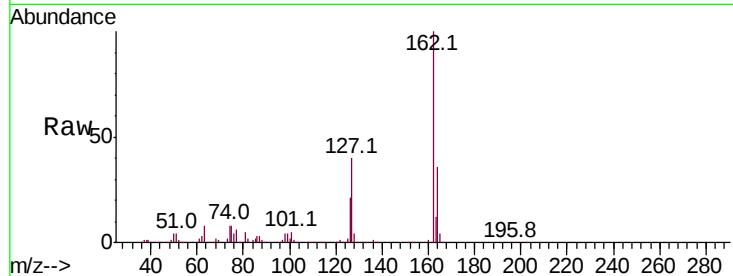




#47
2-Chloronaphthalene
Concen: 45.977 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

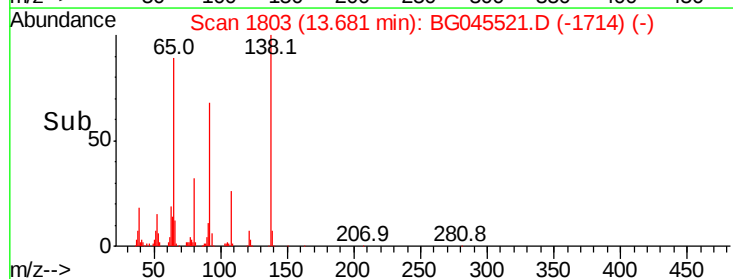
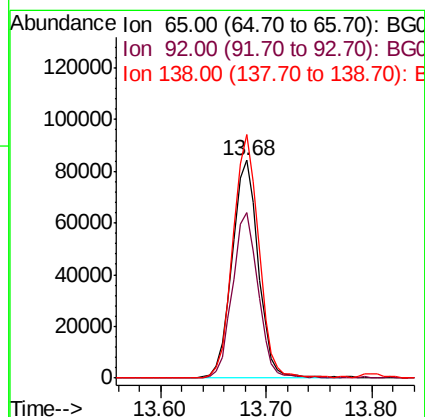
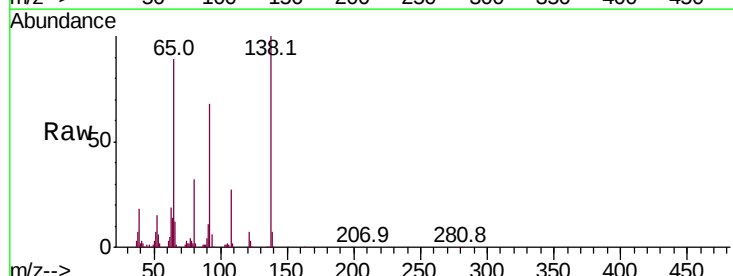
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

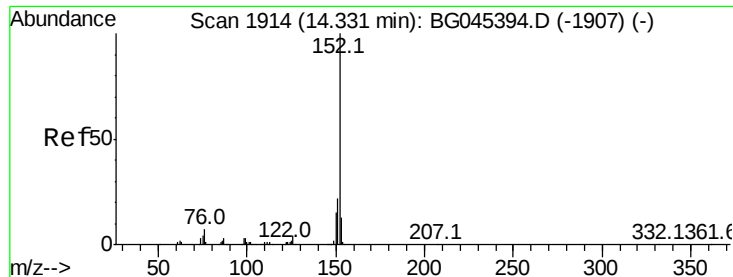
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.6	47.4
164	35.9	28.1	42.1



#48
2-Nitroaniline
Concen: 44.986 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.8	80.8
138	111.7	77.9	116.9





#49

Acenaphthylene

Concen: 47.753 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

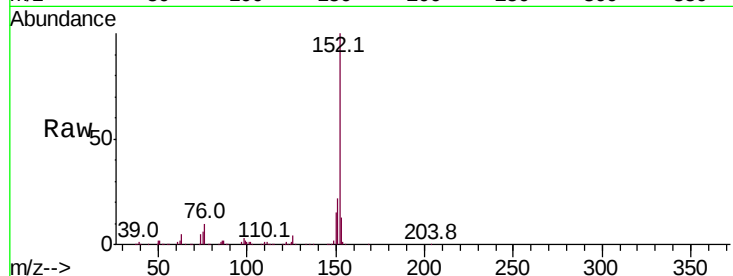
Tot Ion:152 Resp: 746957

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.2

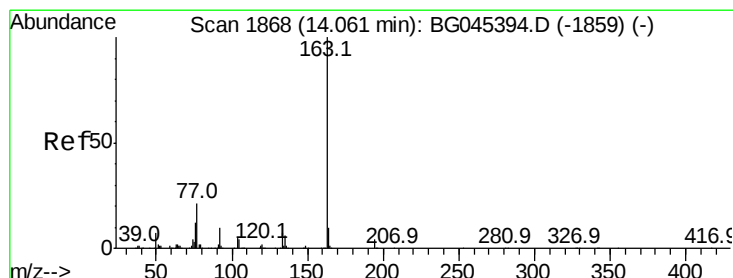
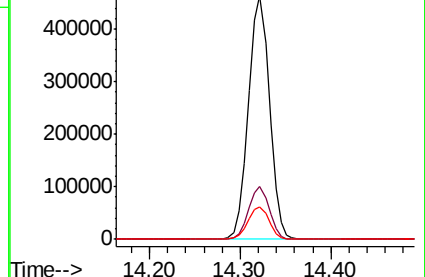
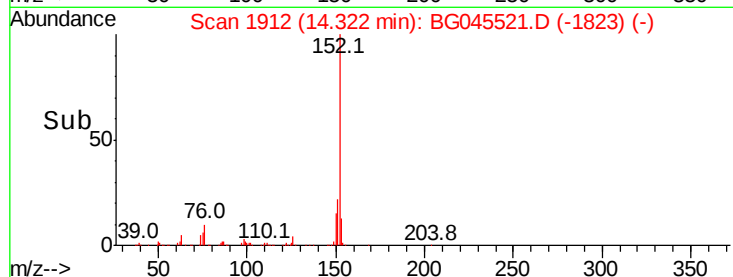
153 13.4 10.7 16.1



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: 45.630 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

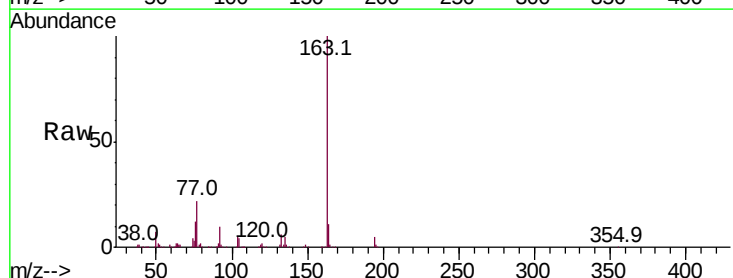
Tgt Ion:163 Resp: 610926

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

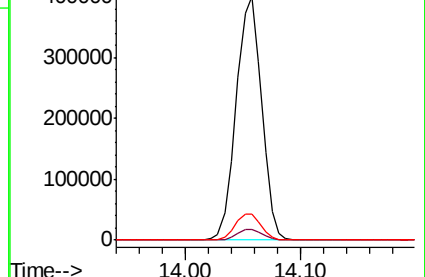
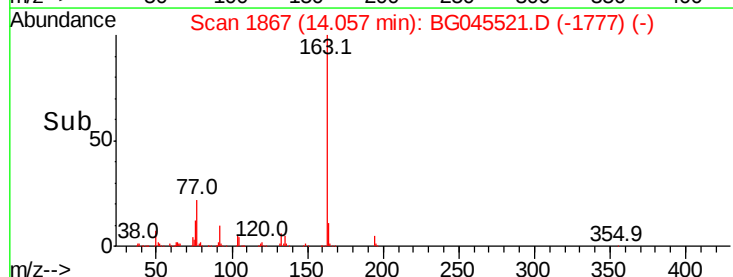
164 10.8 8.3 12.5

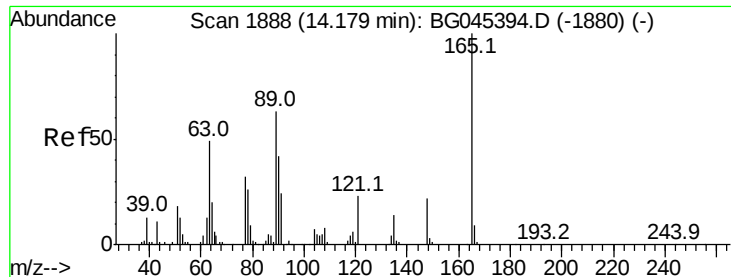


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

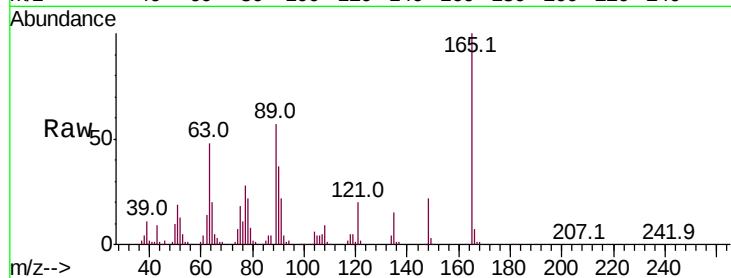




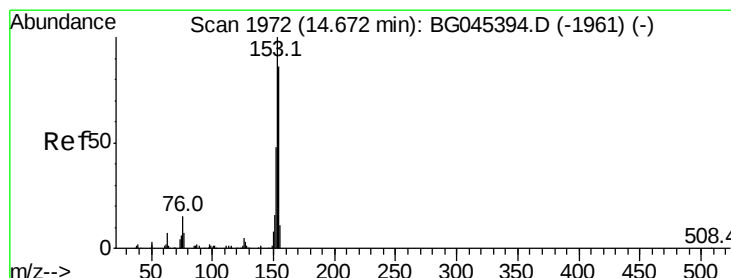
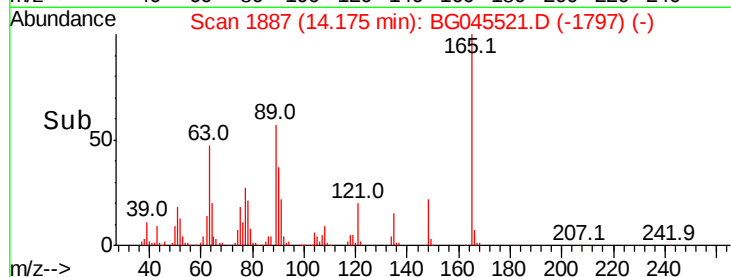
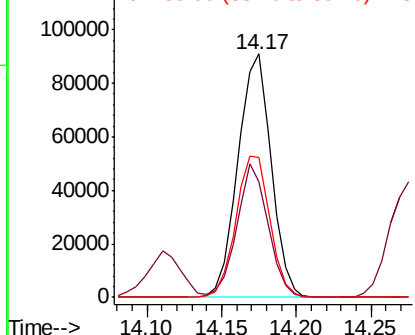
#51
 2,6-Dinitrotoluene
 Concen: 46.689 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BSD

Tot Ion:165 Resp: 141054
 Ion Ratio Lower Upper
 165 100
 63 47.6 45.0 67.4
 89 57.3 50.2 75.4

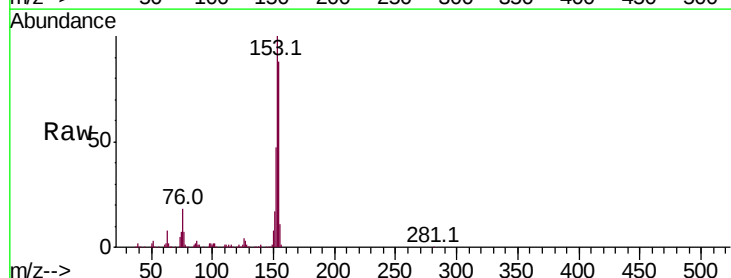


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

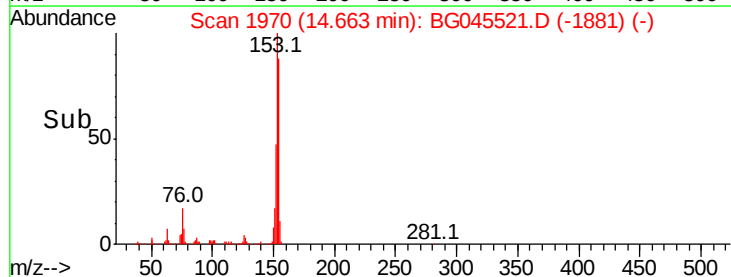
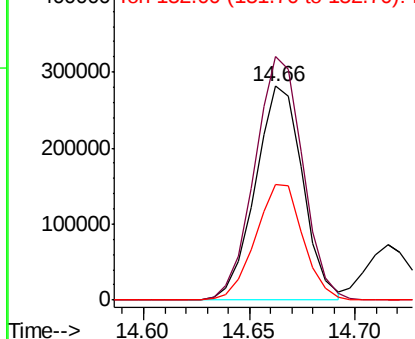


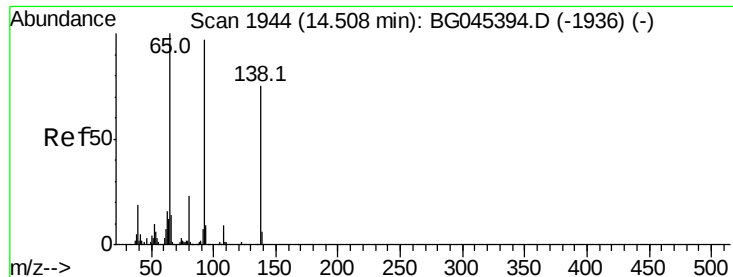
#52
 Acenaphthene
 Concen: 41.940 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045521.D
 Acq: 29 May 2020 13:18

Tgt Ion:154 Resp: 439134
 Ion Ratio Lower Upper
 154 100
 153 113.9 92.8 139.2
 152 53.8 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

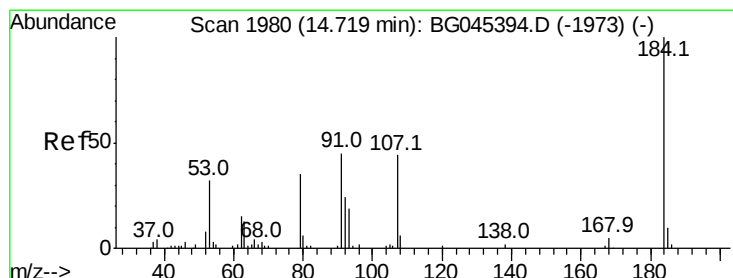
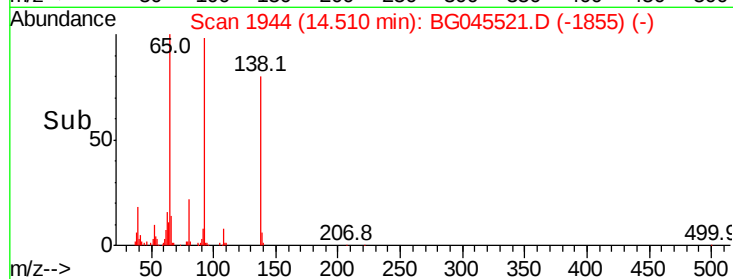
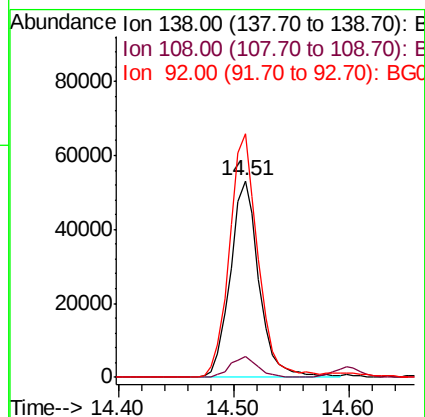
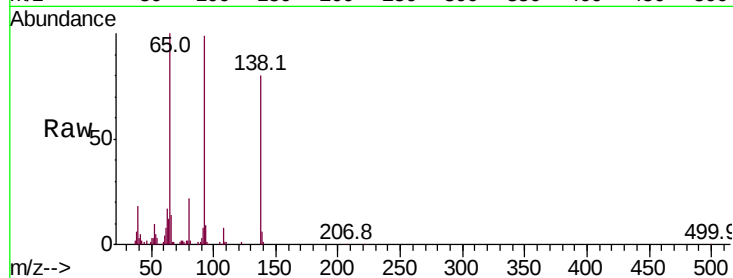




#53
3-Nitroaniline
Concen: 29.691 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

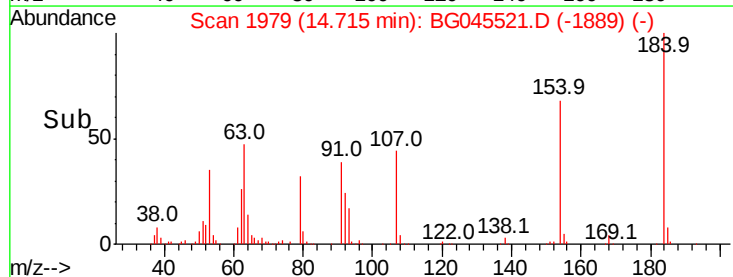
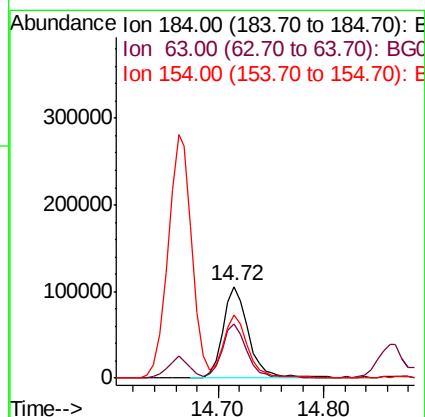
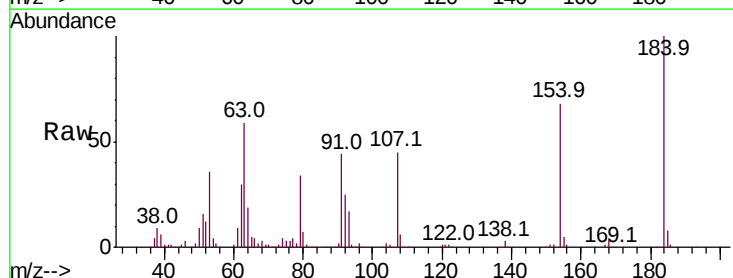
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

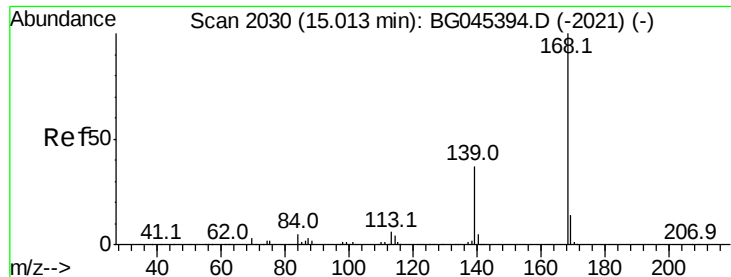
Tot Ion:138 Resp: 91186
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 124.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 89.147 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:184 Resp: 177751
Ion Ratio Lower Upper
184 100
63 58.7 47.8 71.6
154 68.3 58.3 87.5

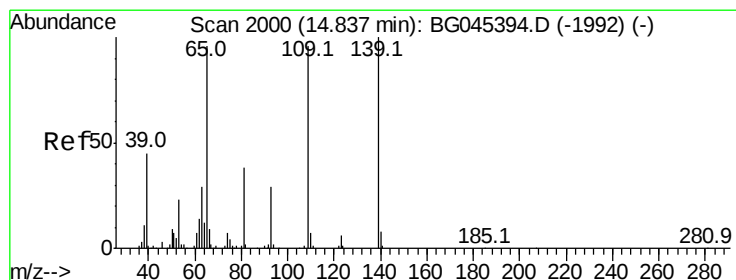
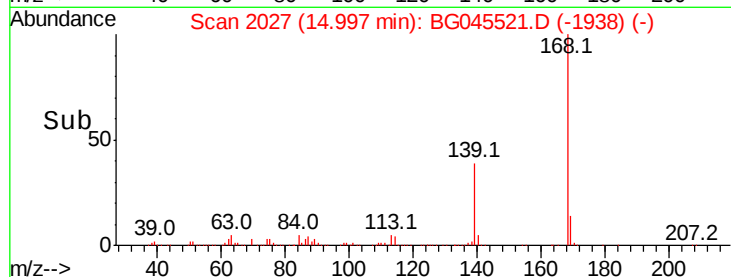
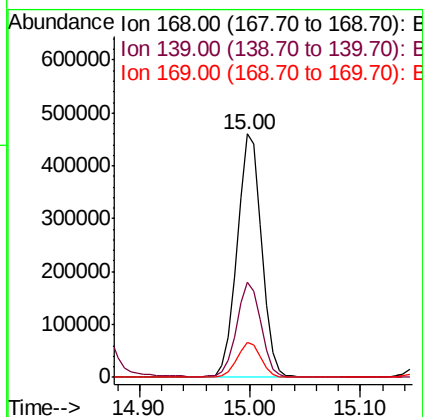
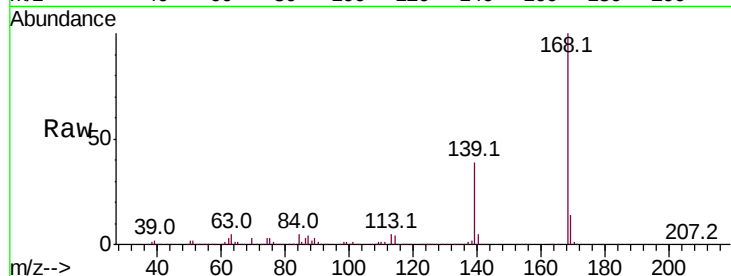




#55
Dibenzofuran
Concen: 46.084 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

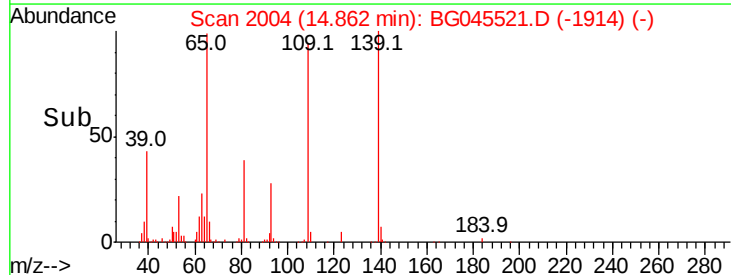
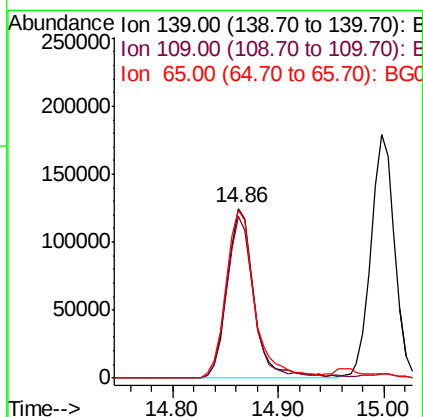
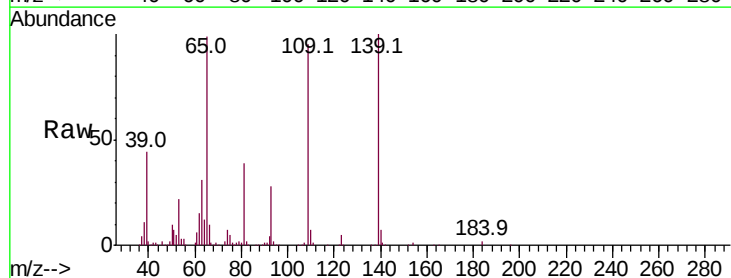
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

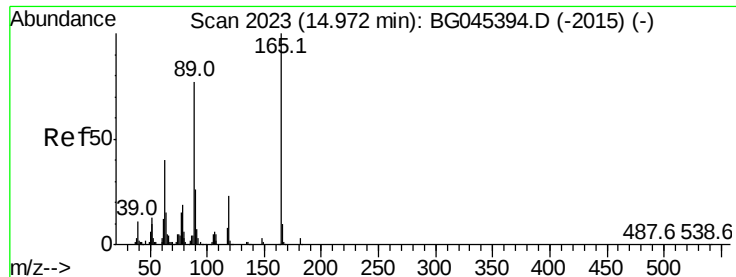
Tot Ion:168 Resp: 716558
Ion Ratio Lower Upper
168 100
139 38.9 29.9 44.9
169 14.2 10.9 16.3



#56
4-Nitrophenol
Concen: 94.722 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:139 Resp: 220241
Ion Ratio Lower Upper
139 100
109 95.1 75.6 115.6
65 98.6 76.8 116.8

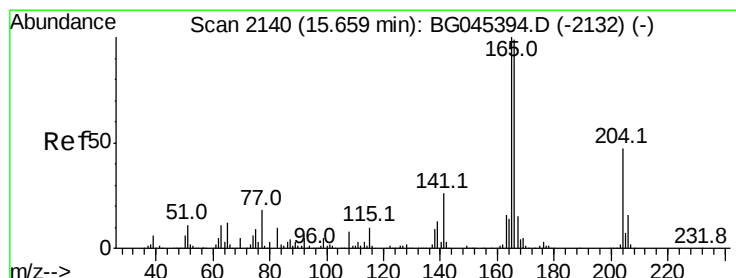
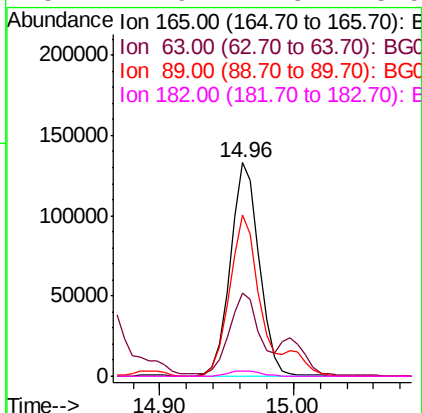
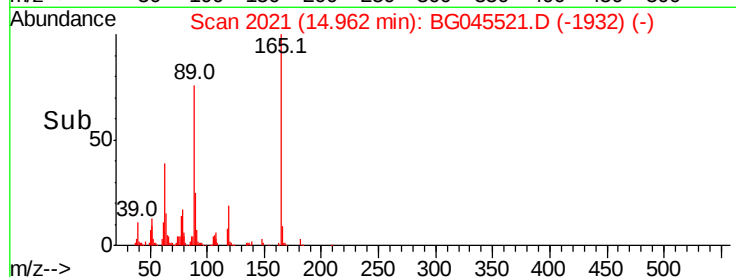
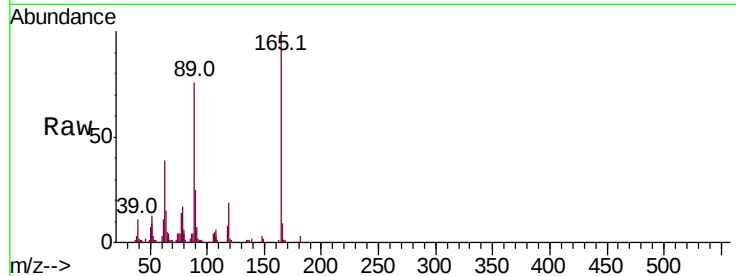




#57
2,4-Dinitrotoluene
Concen: 45.814 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

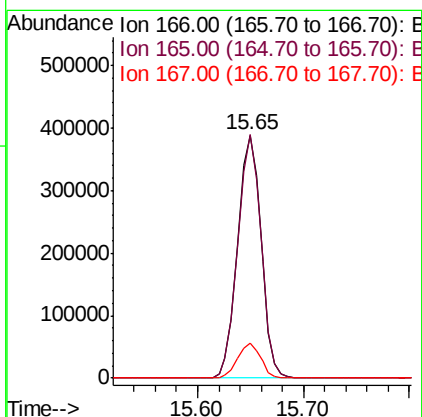
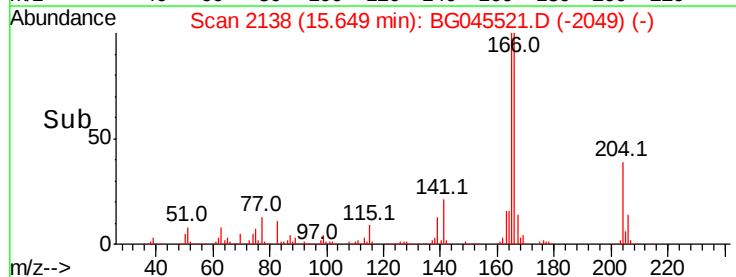
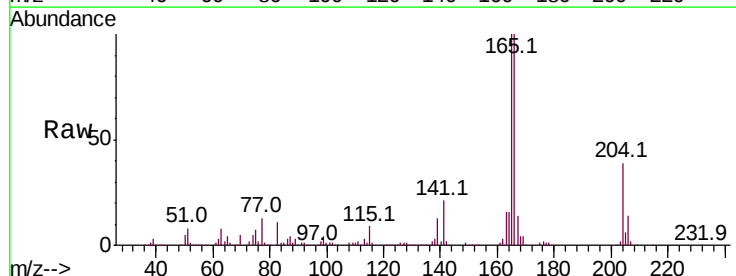
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

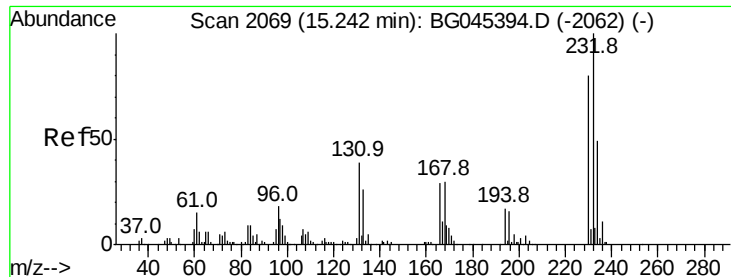
Tot Ion:165 Resp: 200454
Ion Ratio Lower Upper
165 100
63 38.9 32.5 48.7
89 75.7 61.8 92.6
182 2.6 2.3 3.5



#58
Fluorene
Concen: 46.716 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:166 Resp: 596753
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 14.4 12.0 18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.889 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

Tot Ion:232 Resp: 182322

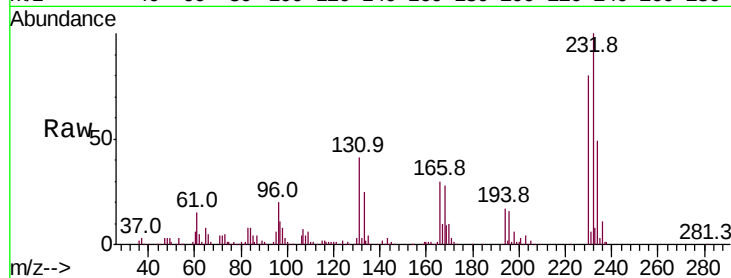
Ion Ratio Lower Upper

232 100

131 38.9 33.7 50.5

130 2.5 2.1 3.1

166 30.0 23.2 34.8

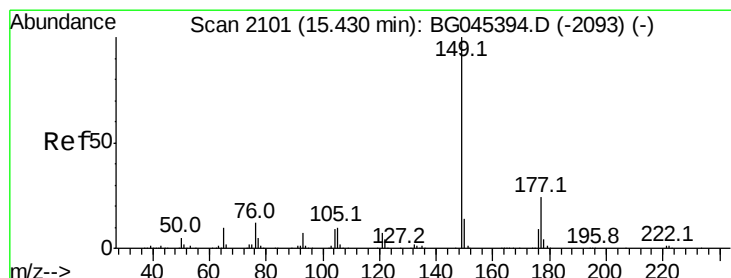
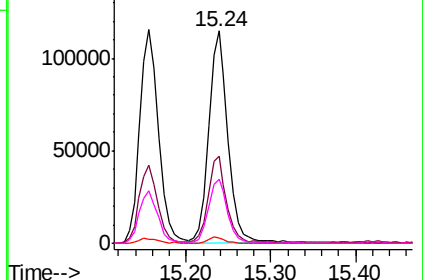
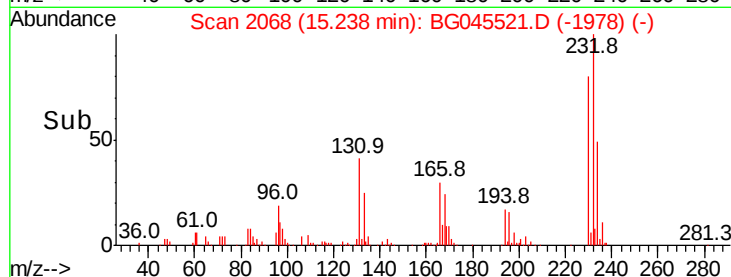


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.828 ng

RT: 15.42 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

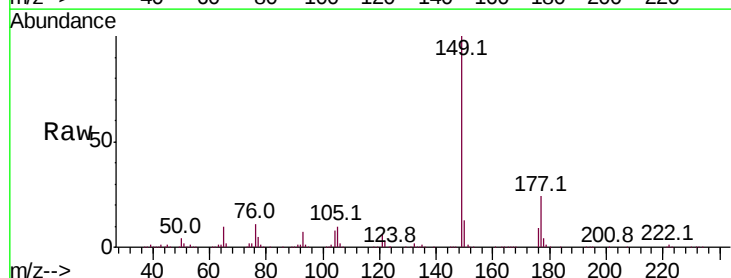
Tgt Ion:149 Resp: 638623

Ion Ratio Lower Upper

149 100

177 23.6 19.0 28.4

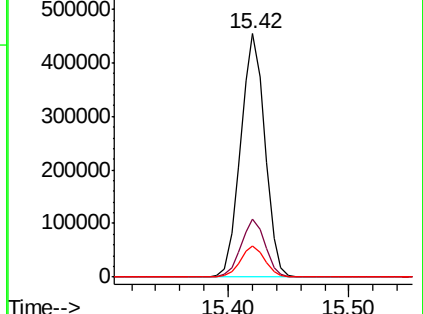
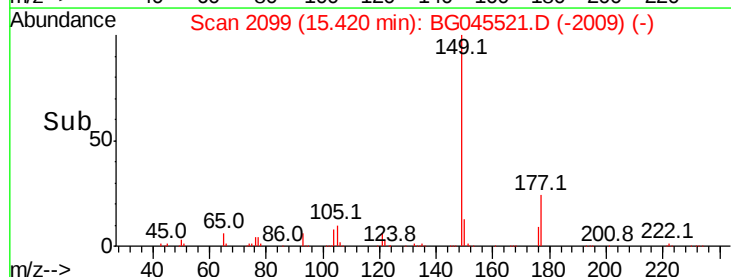
150 13.0 11.4 17.0

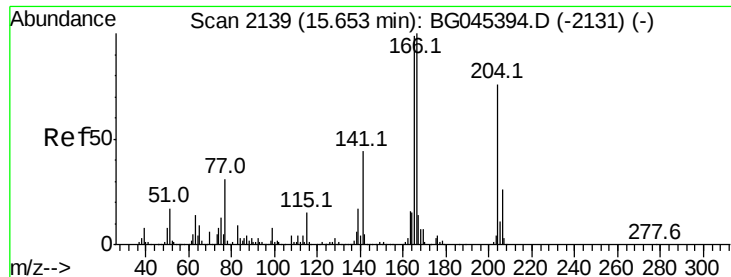


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

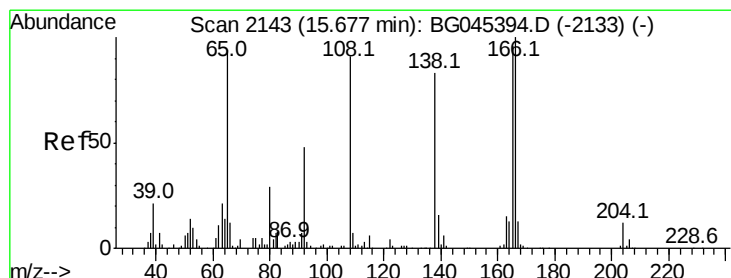
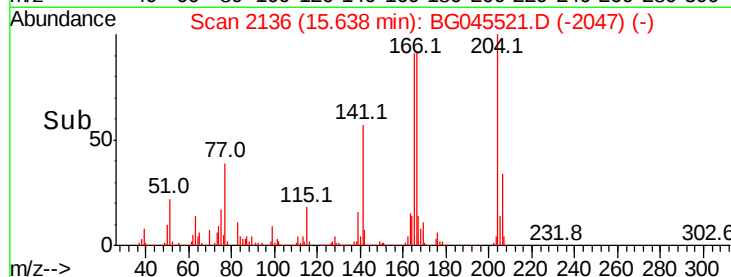
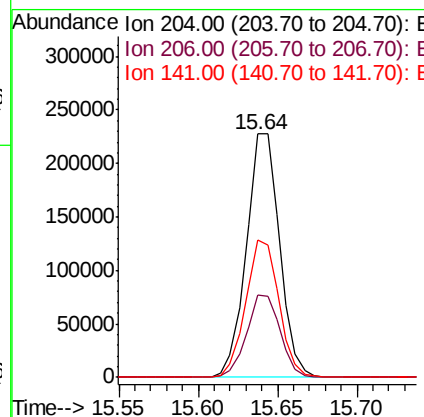
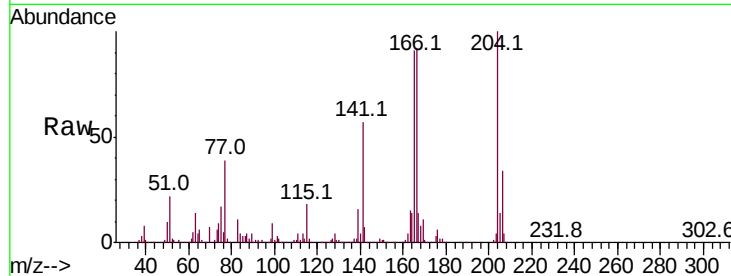




#61
4-Chlorophenyl-phenylether
Concen: 45.326 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

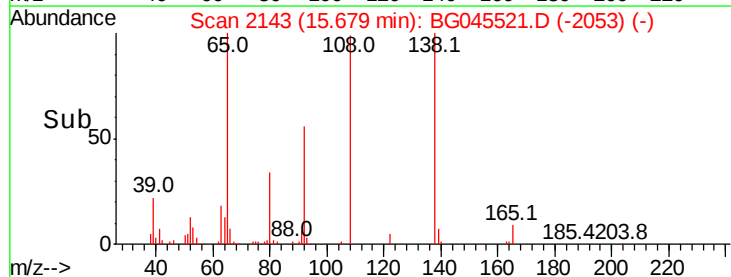
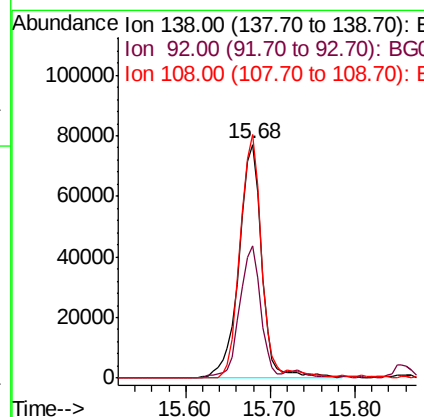
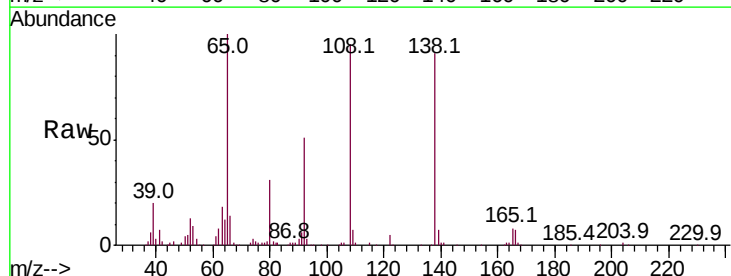
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

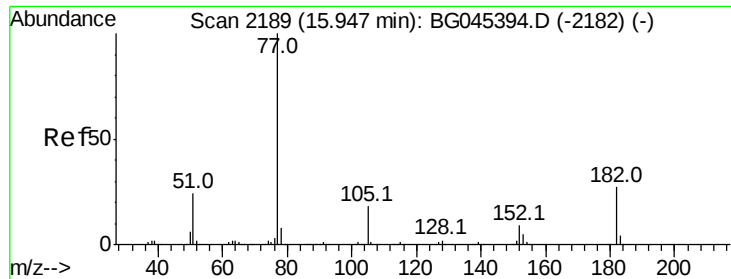
Tot Ion:204 Resp: 331329
Ion Ratio Lower Upper
204 100
206 33.6 27.3 40.9
141 56.5 45.9 68.9



#62
4-Nitroaniline
Concen: 44.856 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:138 Resp: 143815
Ion Ratio Lower Upper
138 100
92 56.4 38.0 78.0
108 104.2 89.3 129.3

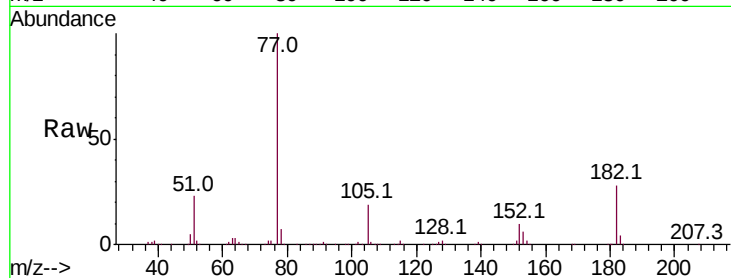




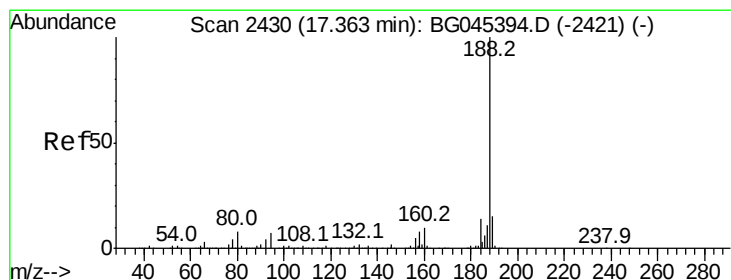
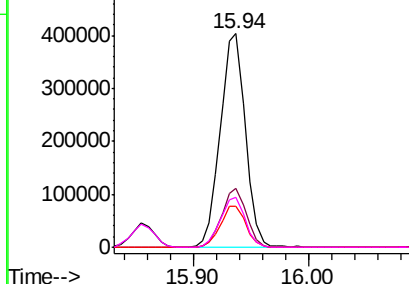
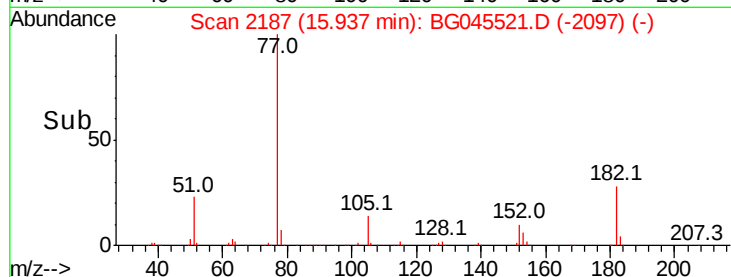
#63
Azobenzene
Concen: 46.544 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB129160BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.5	46.5
105	19.5	0.0	37.9
51	23.2	4.1	44.1

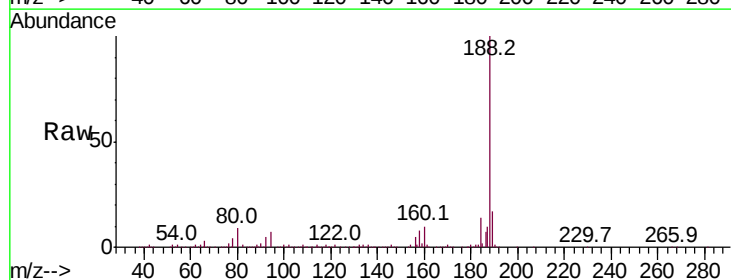


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

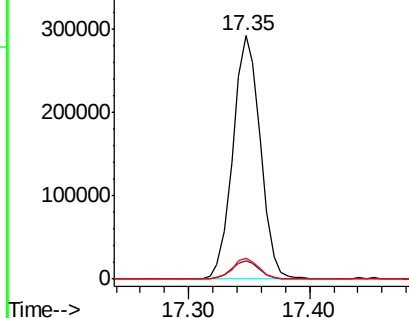
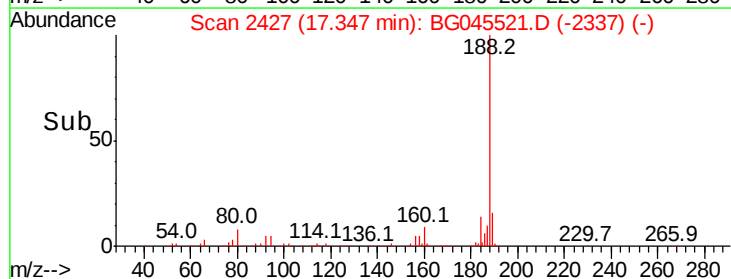


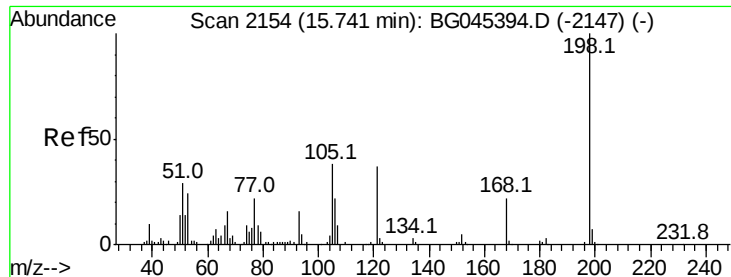
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.5	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: 49.438 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

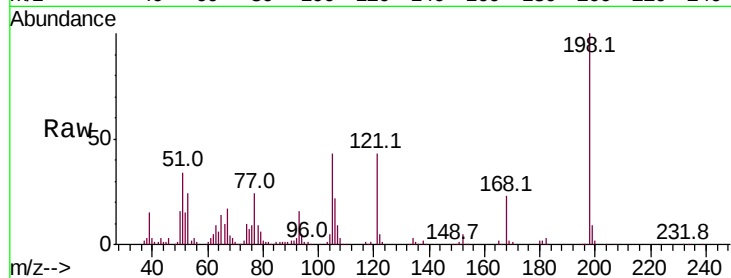
Tot Ion:198 Resp: 133027

Ion	Ratio	Lower	Upper
198	100		
51	34.2	10.0	50.0
105	43.5	18.9	58.9

198 100

51 34.2 10.0 50.0

105 43.5 18.9 58.9

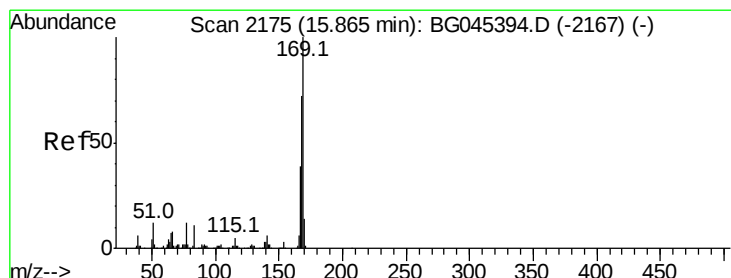
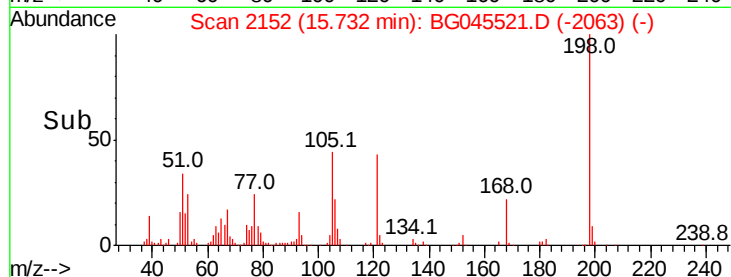
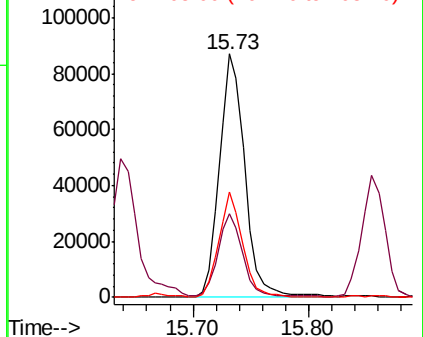


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.468 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

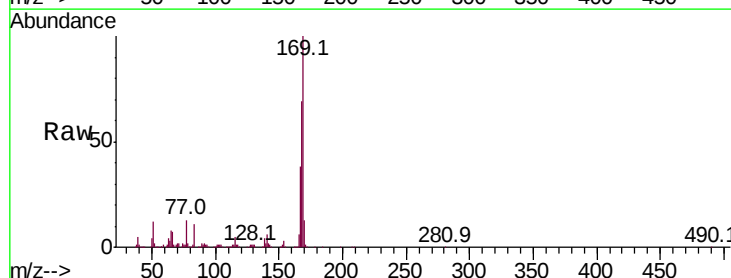
Tgt Ion:169 Resp: 537651

Ion	Ratio	Lower	Upper
169	100		
168	69.2	57.8	86.6
167	37.7	31.5	47.3

169 100

168 69.2 57.8 86.6

167 37.7 31.5 47.3

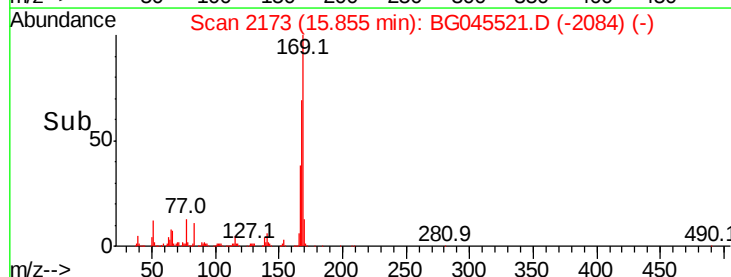
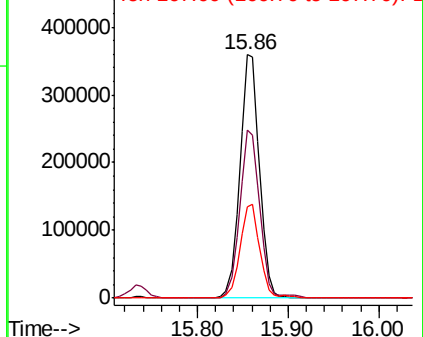


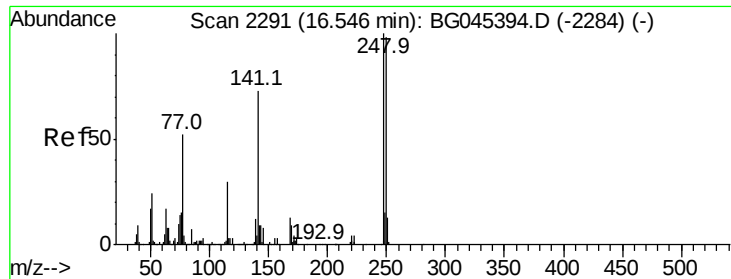
Abundance

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

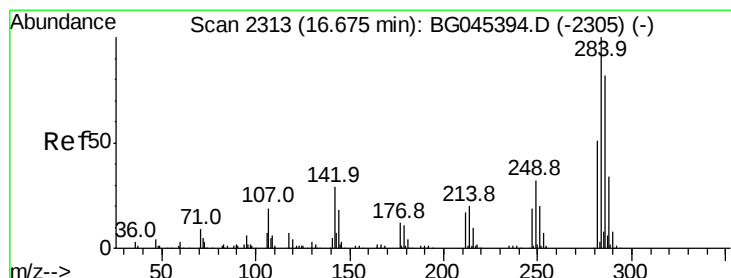
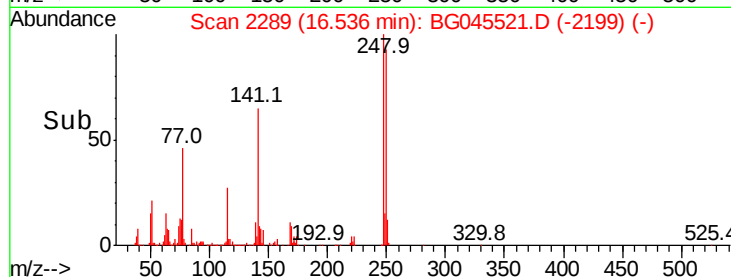
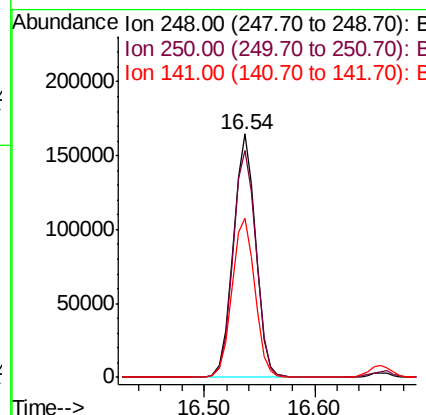
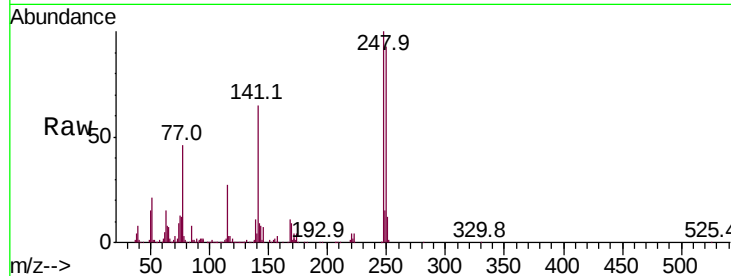




#67
4-Bromophenyl-phenylether
Concen: 46.855 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

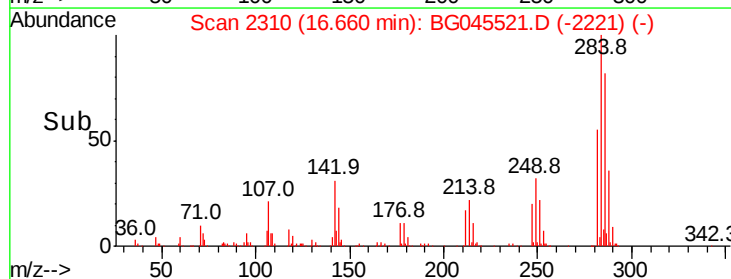
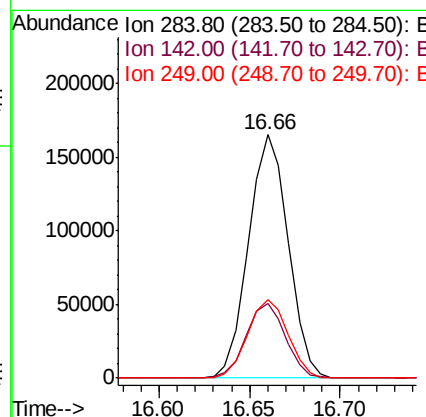
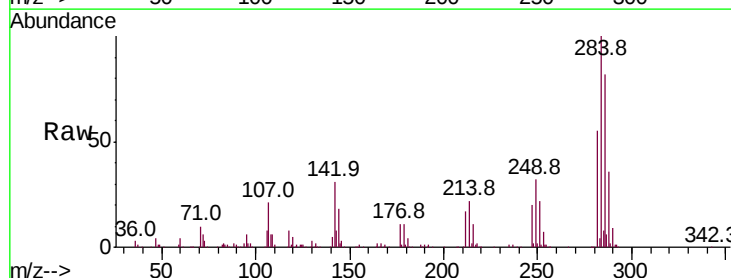
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

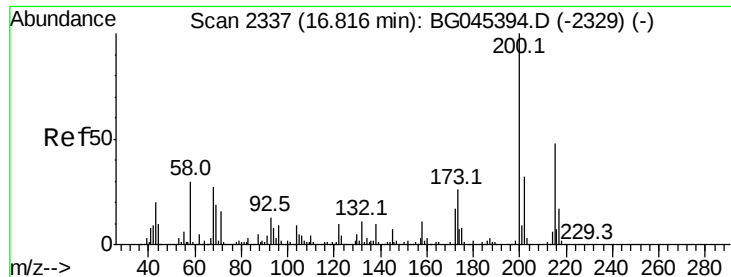
Tot Ion:248 Resp: 234410
Ion Ratio Lower Upper
248 100
250 93.0 78.6 117.8
141 65.2 58.2 87.2



#68
Hexachlorobenzene
Concen: 48.154 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:284 Resp: 251973
Ion Ratio Lower Upper
284 100
142 30.9 23.0 34.6
249 32.4 25.8 38.6





#69

Atrazine

Concen: 46.503 ng

RT: 16.81 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

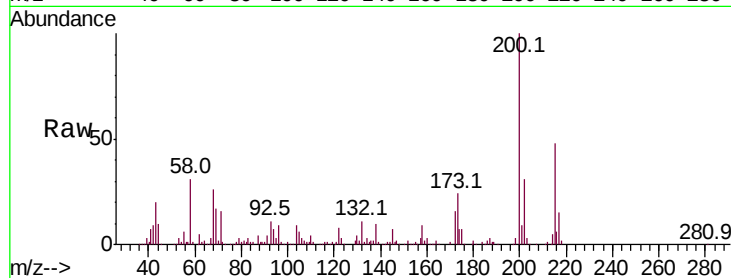
Tot Ion:200 Resp: 212475

Ion Ratio Lower Upper

200 100

173 24.2 5.5 45.5

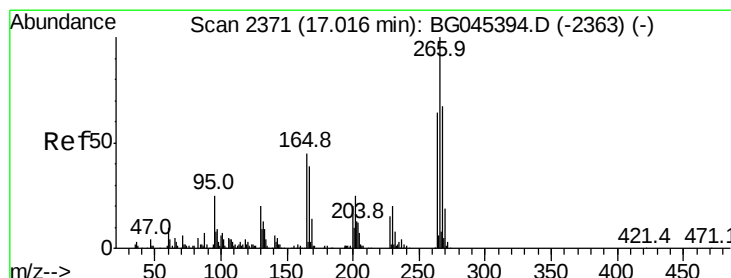
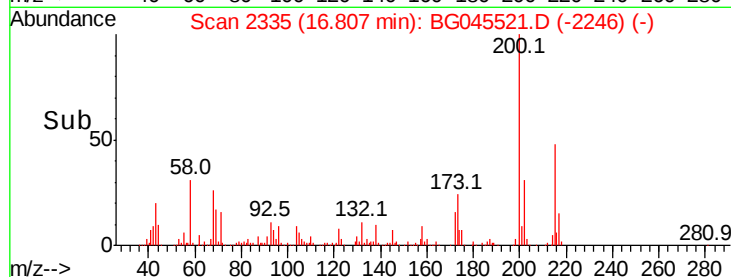
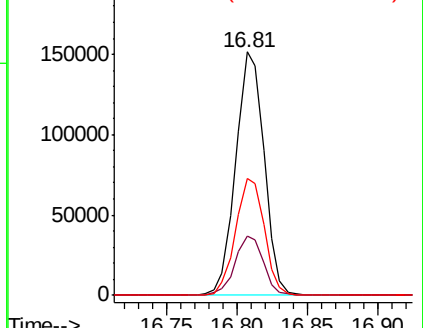
215 47.8 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 100.703 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

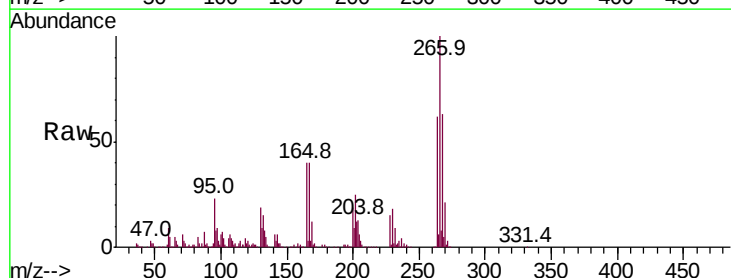
Tgt Ion:266 Resp: 273607

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

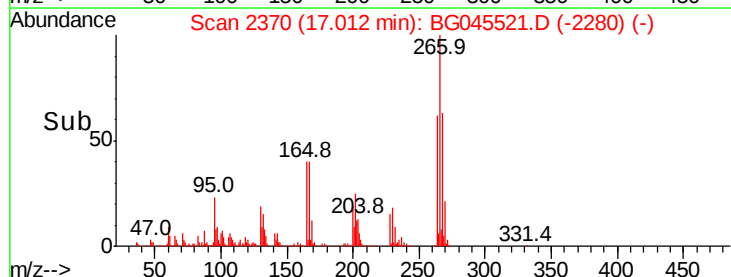
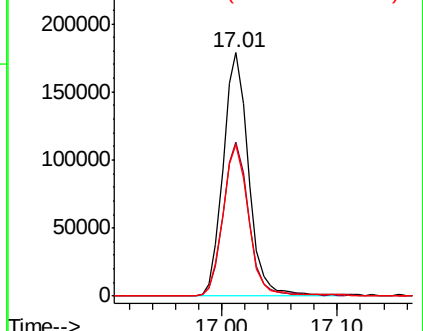
264 62.0 51.0 76.4

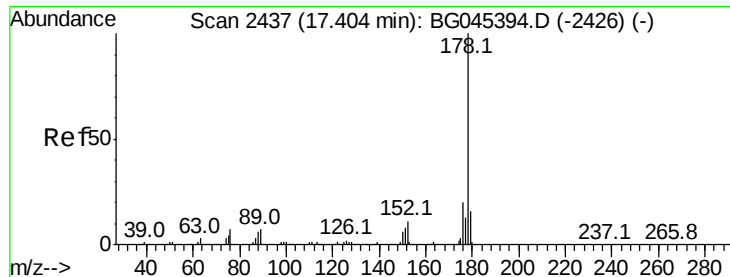


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

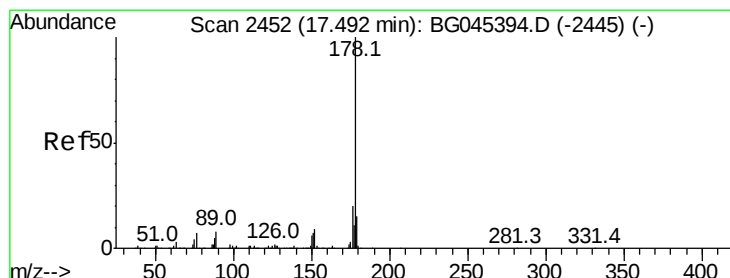
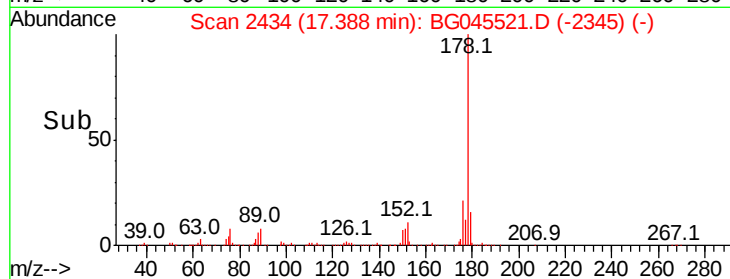
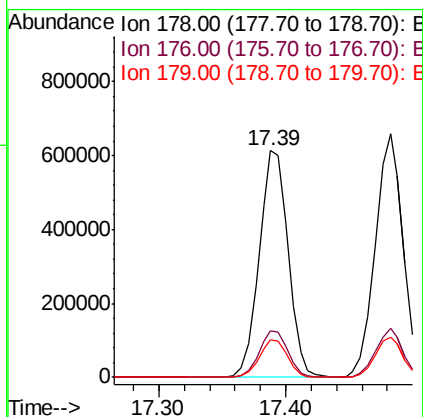
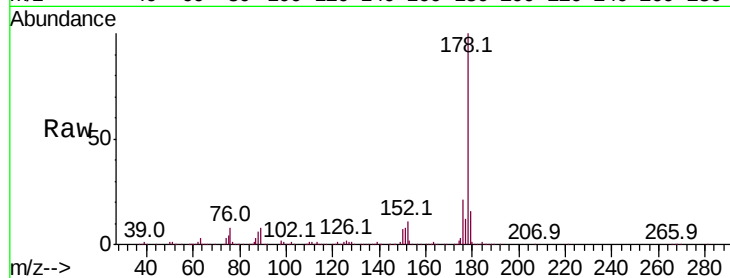




#71
Phenanthrene
Concen: 48.304 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

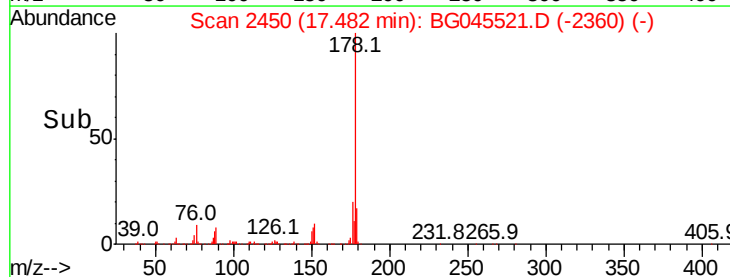
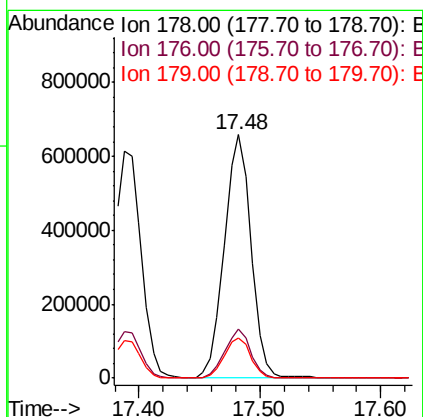
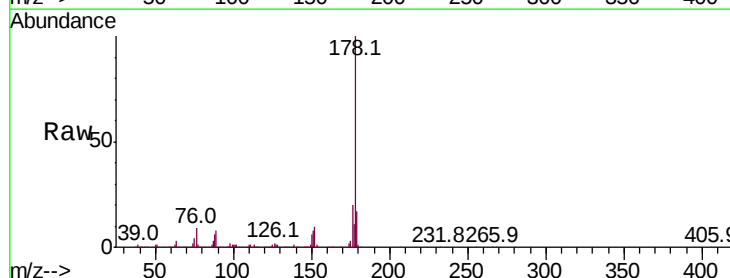
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

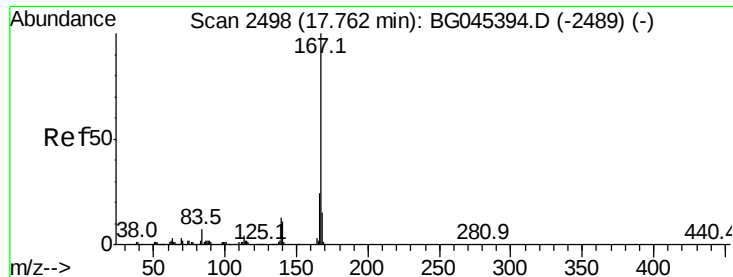
Tot Ion:178 Resp: 974277
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.4 13.1 19.7



#72
Anthracene
Concen: 49.700 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:178 Resp: 1006680
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.6 12.2 18.4





#73

Carbazole

Concen: 46.585 ng

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

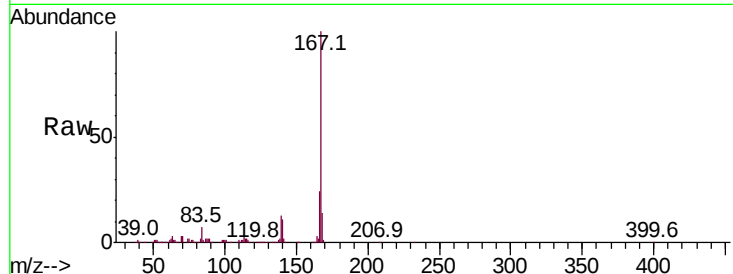
Tot Ion:167 Resp: 919761

Ion Ratio Lower Upper

167 100

166 24.2 19.2 28.8

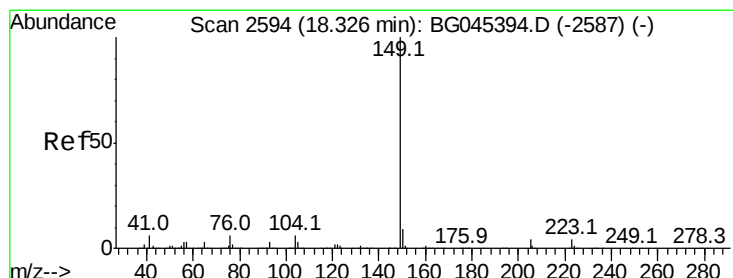
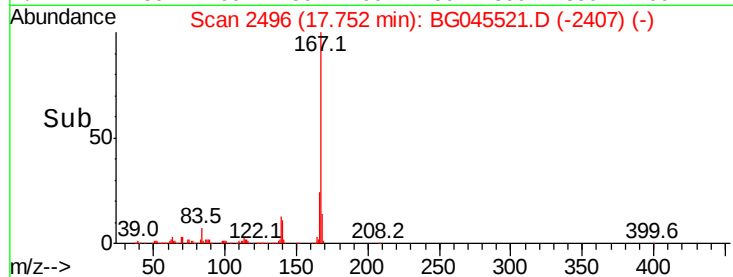
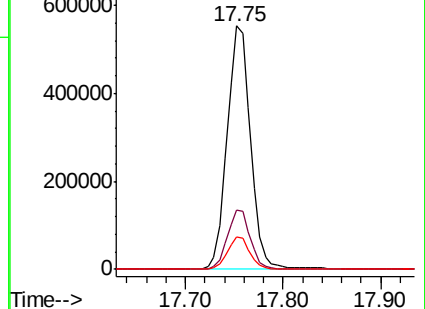
139 13.3 10.6 16.0



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: 46.853 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

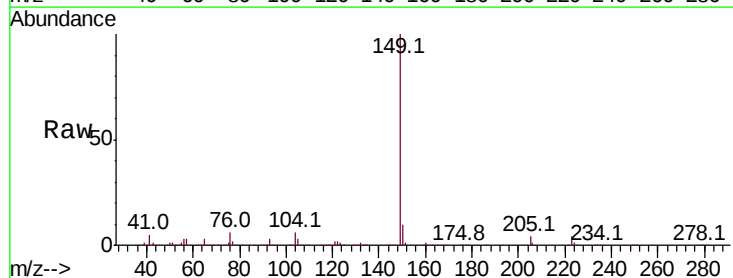
Tgt Ion:149 Resp: 1110300

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

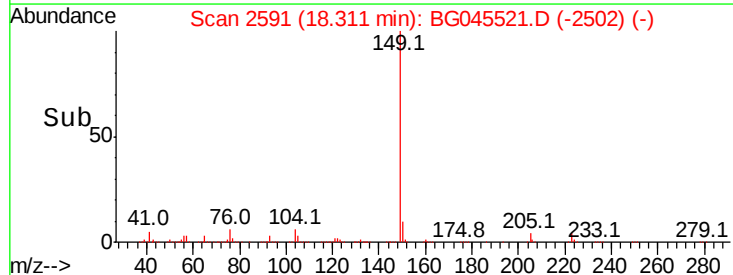
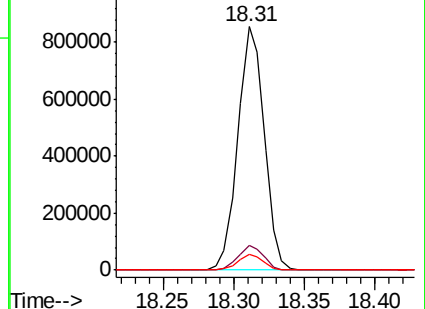
104 6.3 5.0 7.4

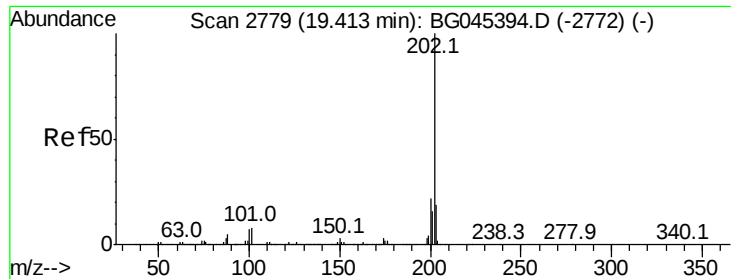


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.782 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

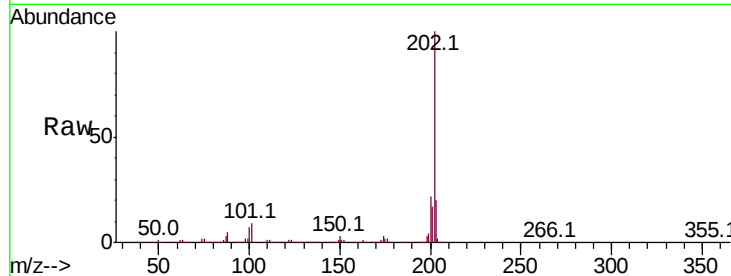
Tot Ion:202 Resp: 1225829

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

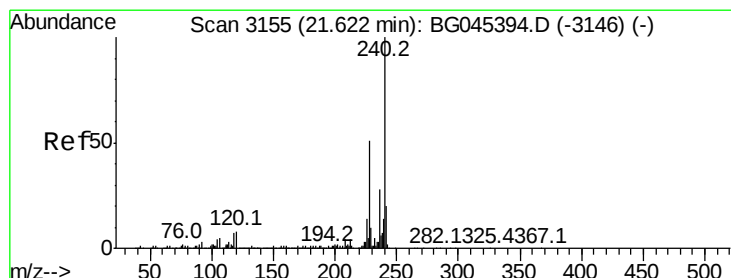
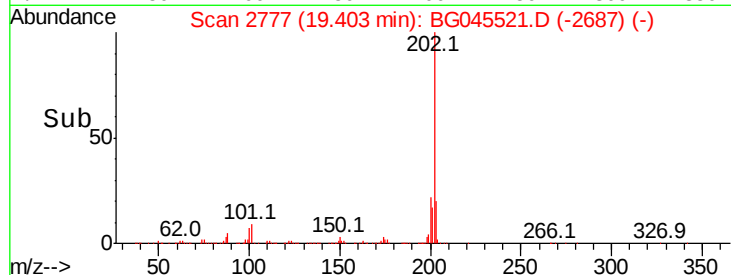
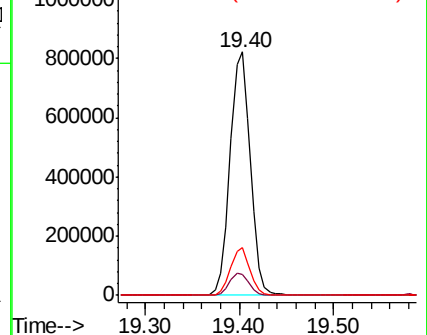
203 19.6 0.0 39.0



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: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

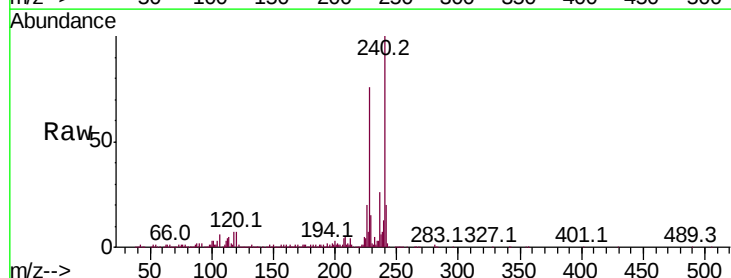
Tgt Ion:240 Resp: 431514

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

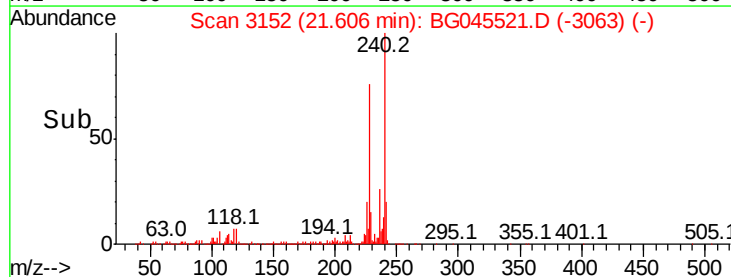
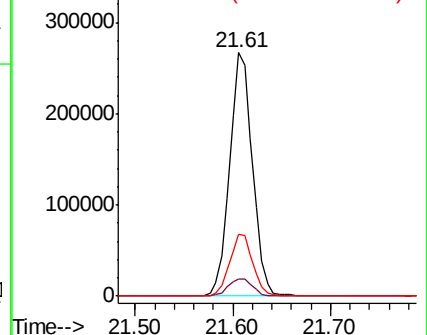
236 25.6 22.3 33.5

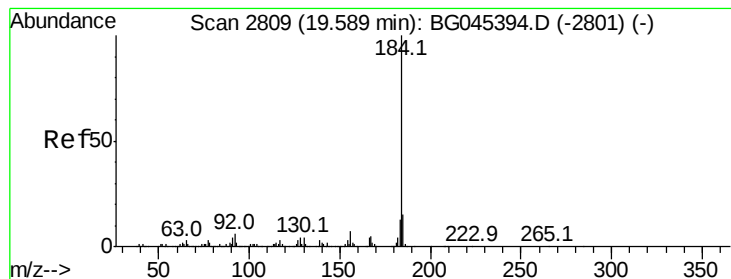


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.677 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

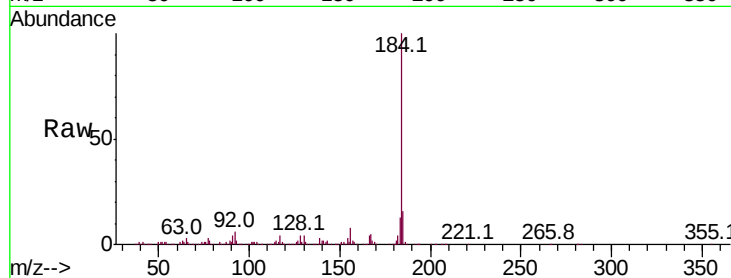
Tot Ion:184 Resp: 662644

Ion Ratio Lower Upper

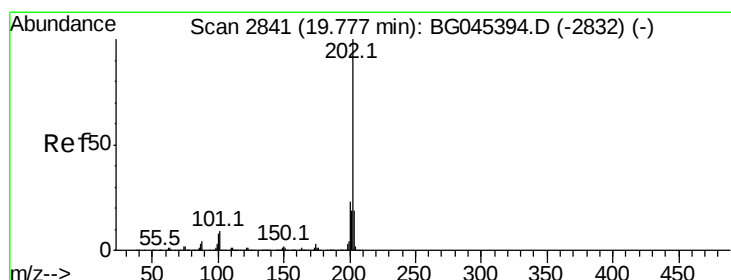
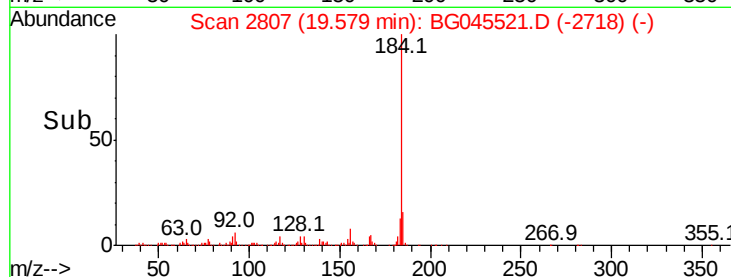
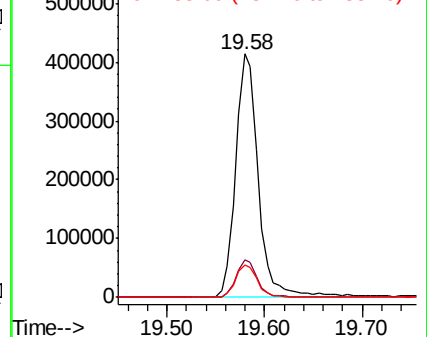
184 100

185 15.5 11.7 17.5

183 13.5 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.093 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

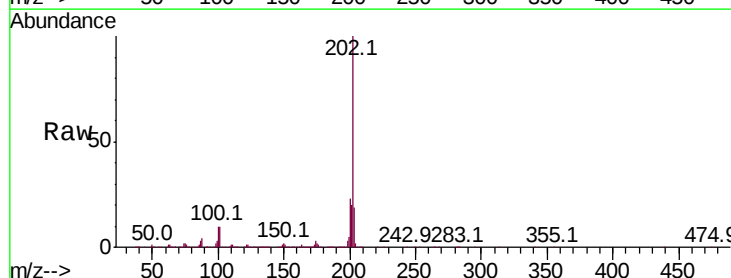
Tgt Ion:202 Resp: 1207599

Ion Ratio Lower Upper

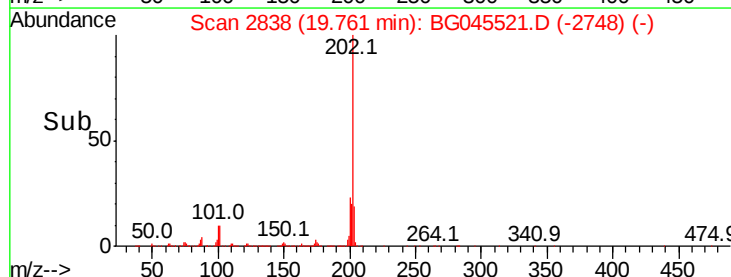
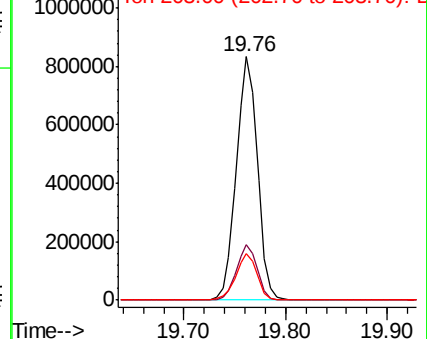
202 100

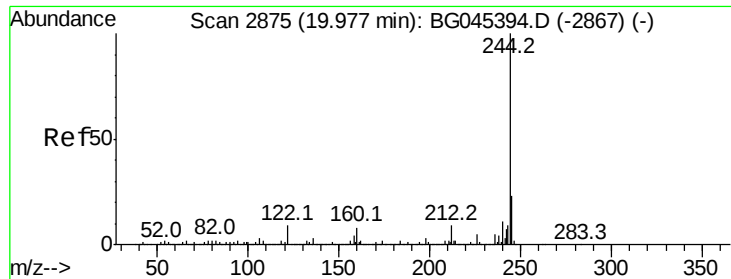
200 22.9 18.2 27.2

203 19.3 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.102 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

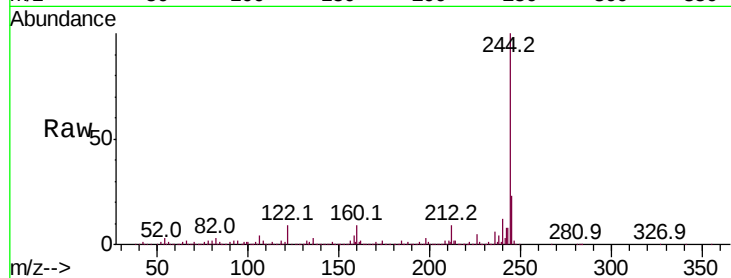
Tot Ion:244 Resp: 1796552

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

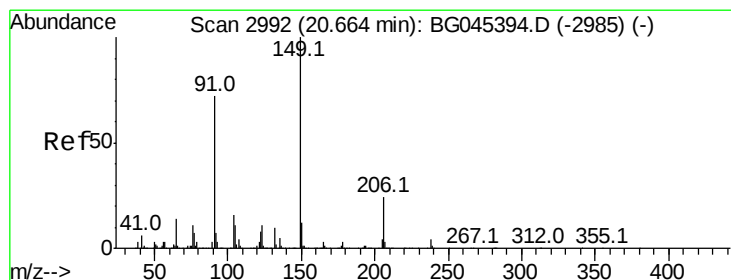
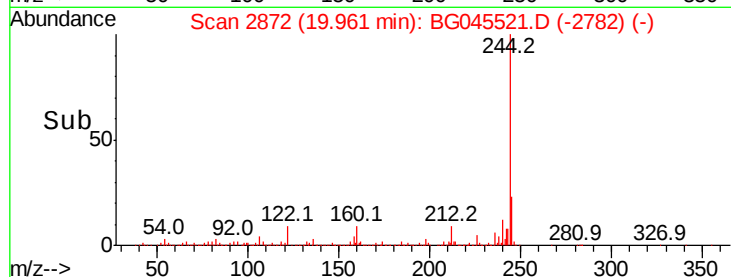
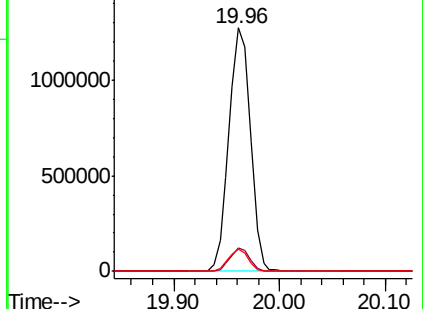
122 9.2 6.8 10.2



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: 46.402 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

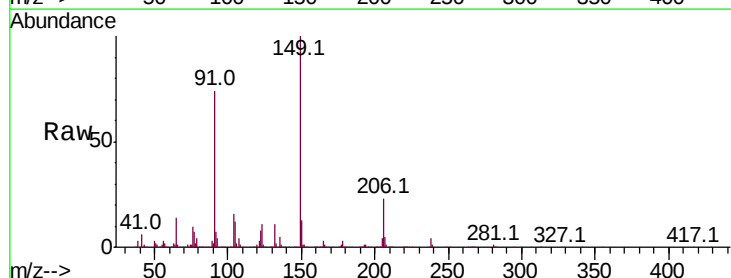
Tgt Ion:149 Resp: 492669

Ion Ratio Lower Upper

149 100

91 73.5 57.8 86.6

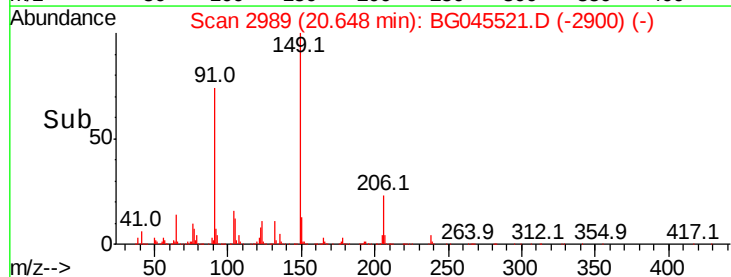
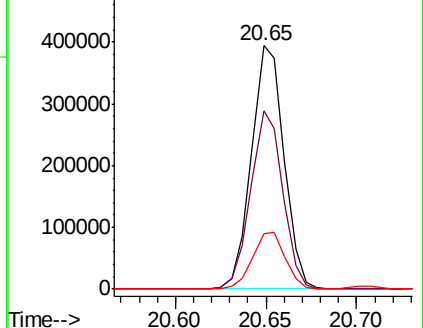
206 22.9 19.1 28.7

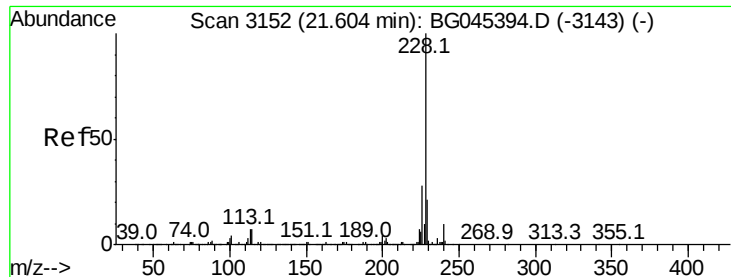


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.694 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

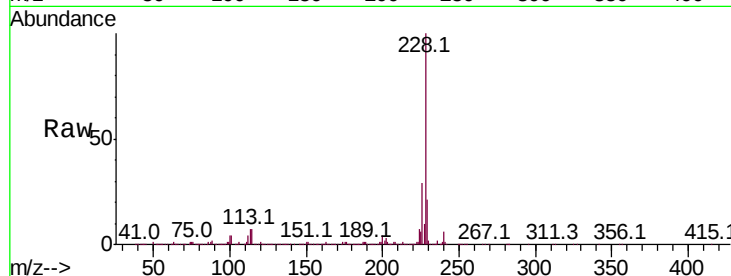
BNA_G

ClientSampleId :

PB129160BSD

Tot Ion:228 Resp: 1170528

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.4	16.7	25.1

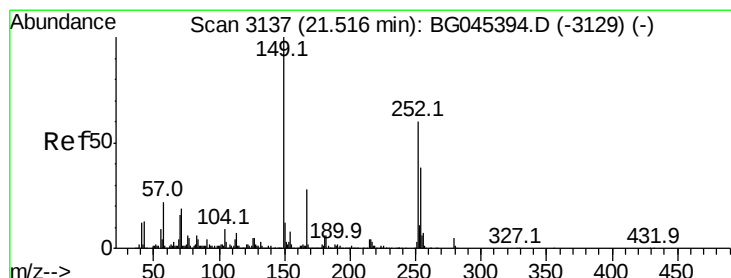
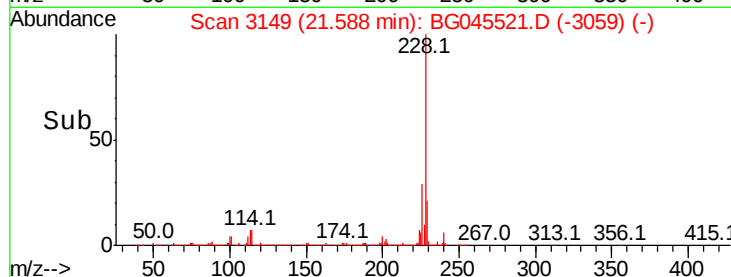
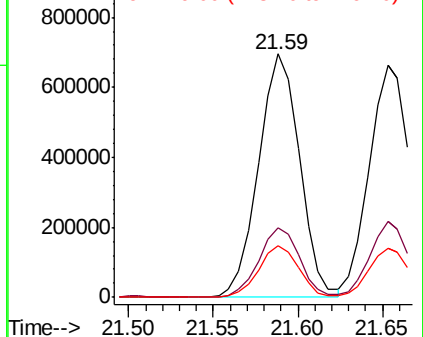


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.992 ng

RT: 21.51 min Scan# 3135

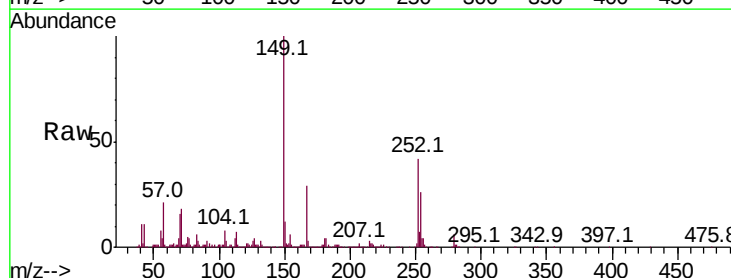
Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Tgt Ion:252 Resp: 311091

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.3	76.9
126	8.2	6.6	10.0

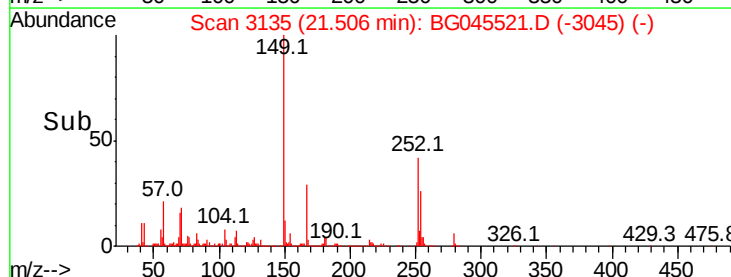
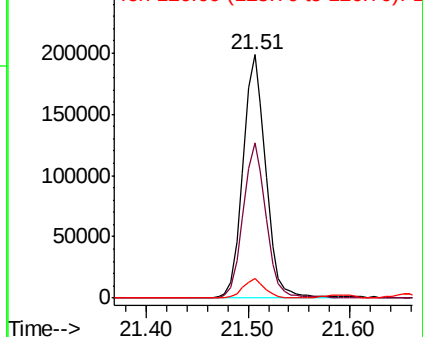


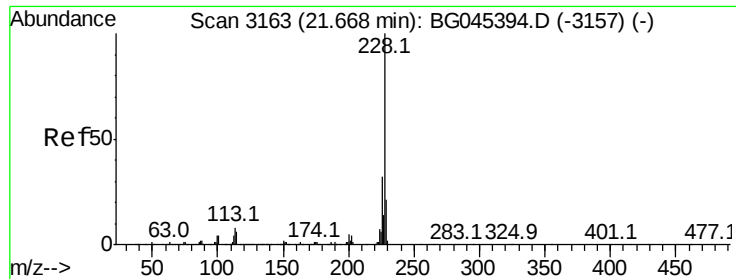
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.013 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

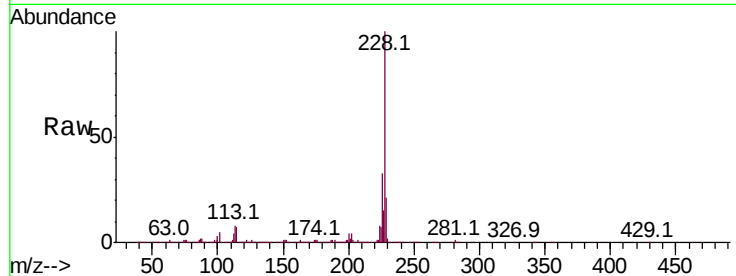
BNA_G

ClientSampleId :

PB129160BSD

Tot Ion:228 Resp: 1109747

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.2	16.7	25.1

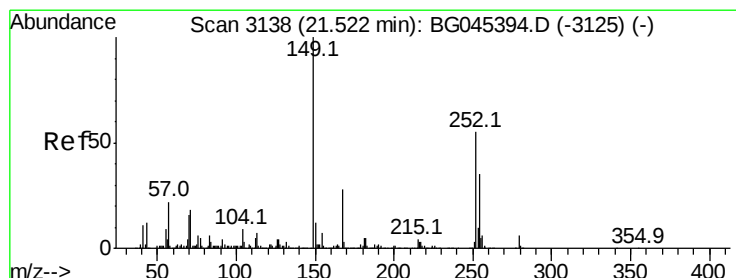
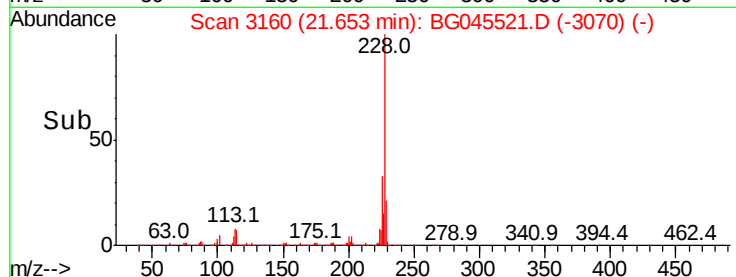
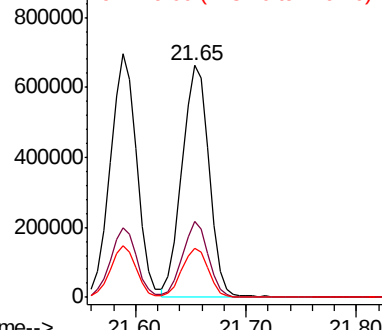


Abundance

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: 47.635 ng

RT: 21.50 min Scan# 3134

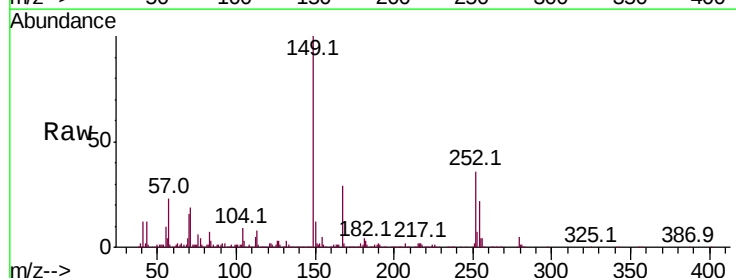
Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Tgt Ion:149 Resp: 695231

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	4.9	4.7	7.1

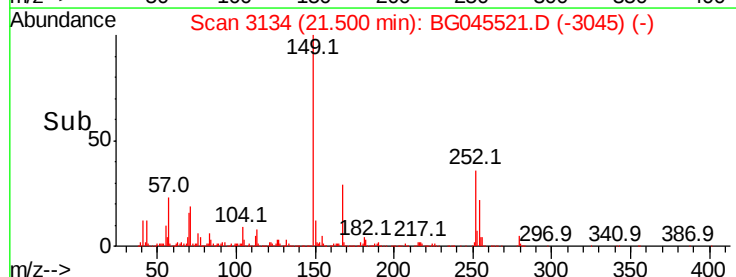
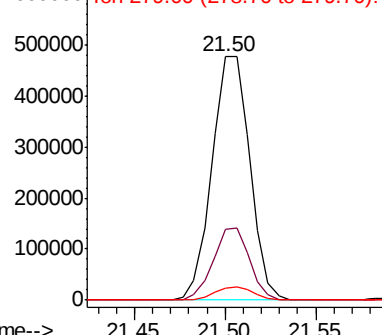


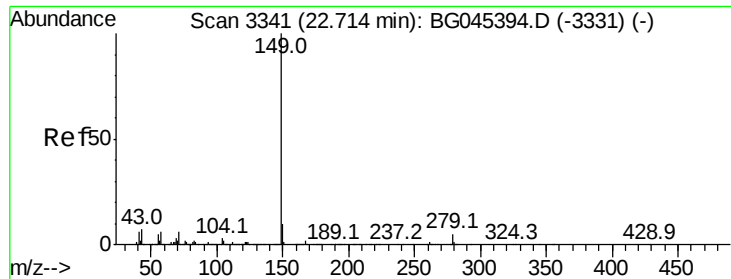
Abundance

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: 46.843 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

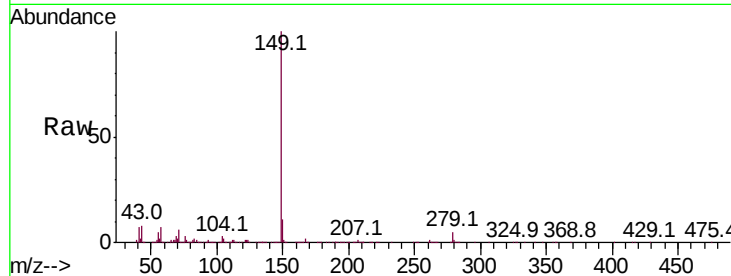
Tot Ion:149 Resp: 1174207

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 7.2 5.8 8.8

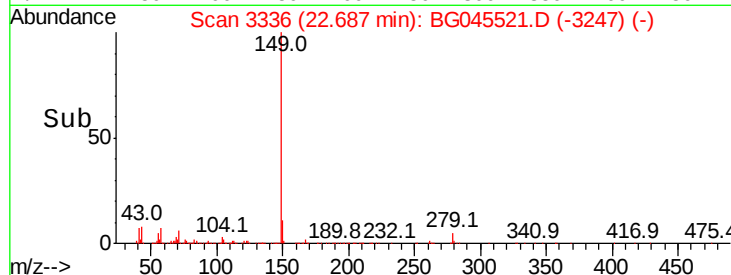


Abundance Ion 149.00 (148.70 to 149.70): E

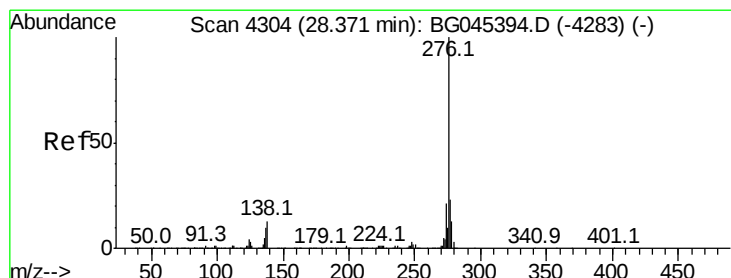
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.69



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.01 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

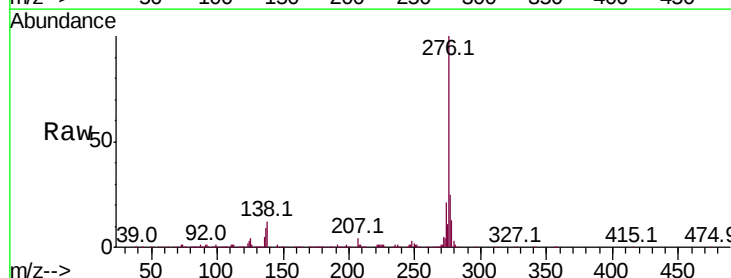
Tgt Ion:276 Resp: 1459014

Ion Ratio Lower Upper

276 100

138 16.0 8.6 12.8#

277 25.7 20.2 30.4

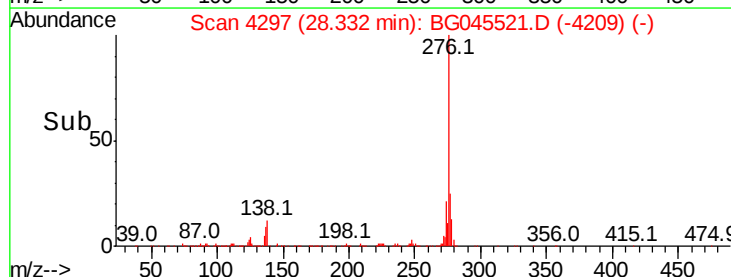


Abundance Ion 276.00 (275.70 to 276.70): E

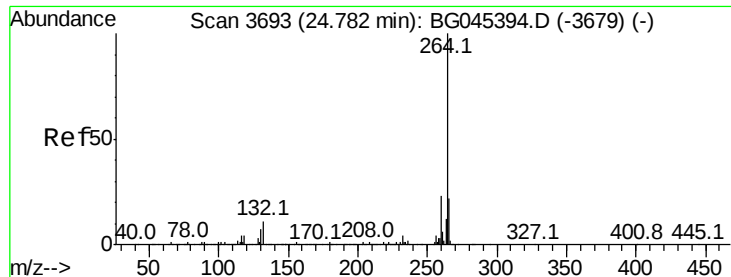
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.33



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB129160BSD

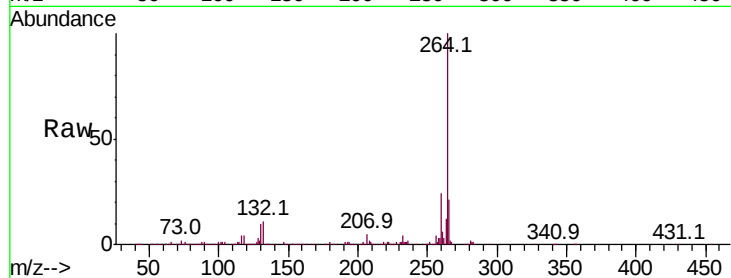
Tot Ion:264 Resp: 479376

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

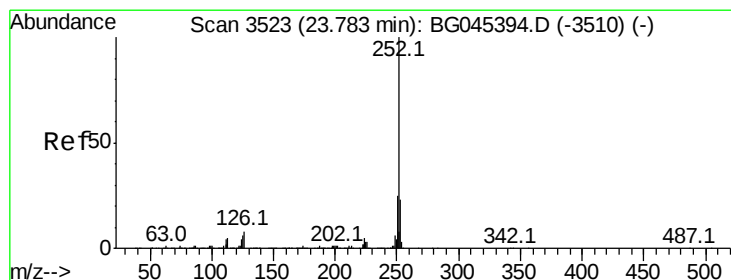
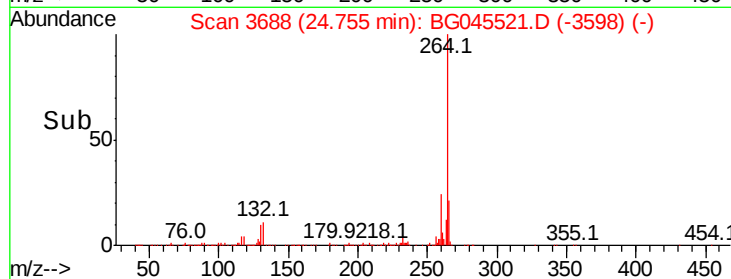
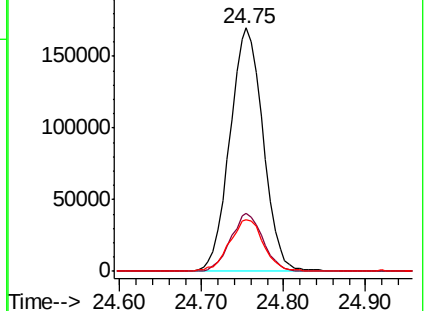
265 21.4 17.6 26.4



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: 47.908 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045521.D

Acq: 29 May 2020 13:18

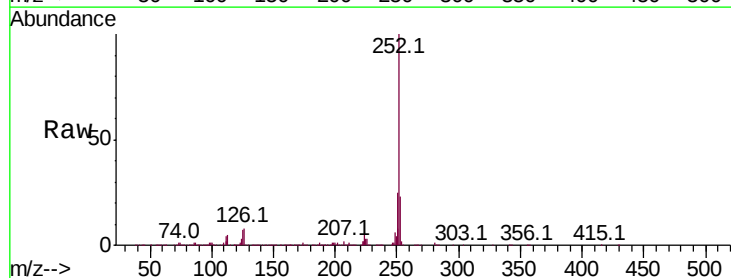
Tgt Ion:252 Resp: 1231679

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

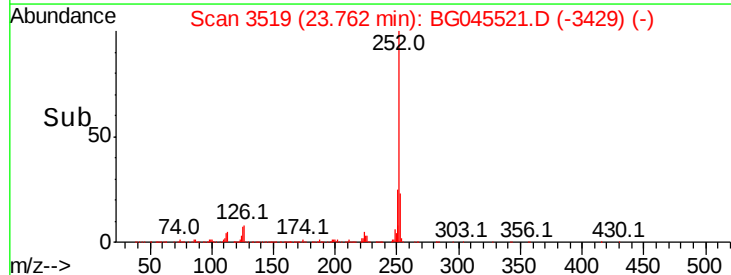
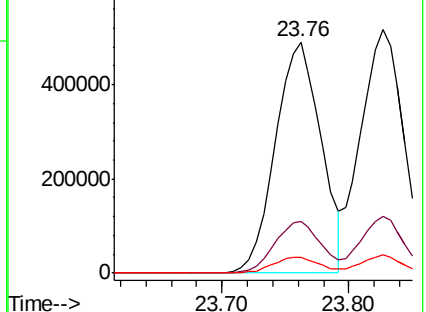
125 6.7 5.0 7.6

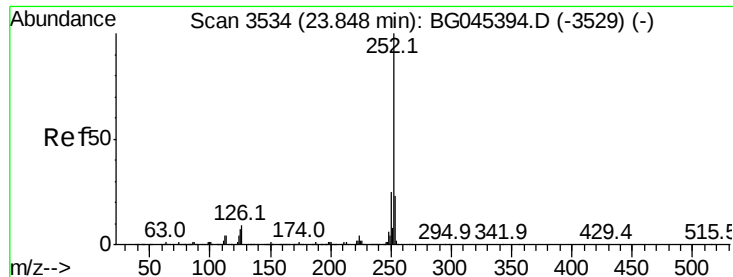


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

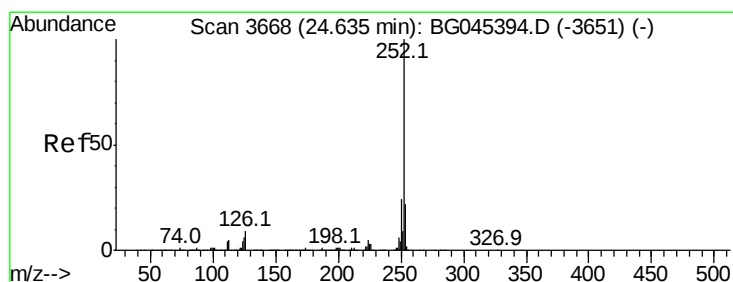
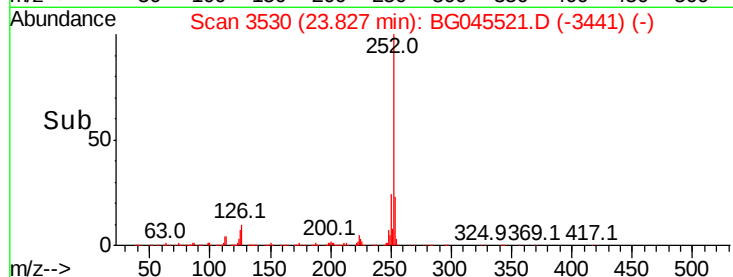
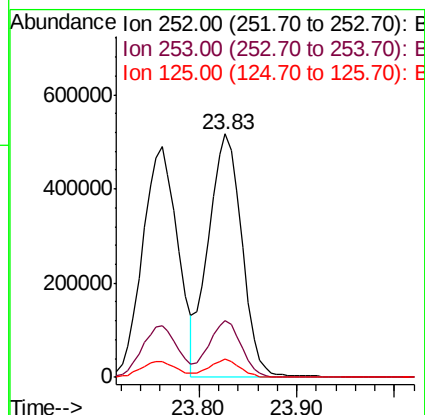
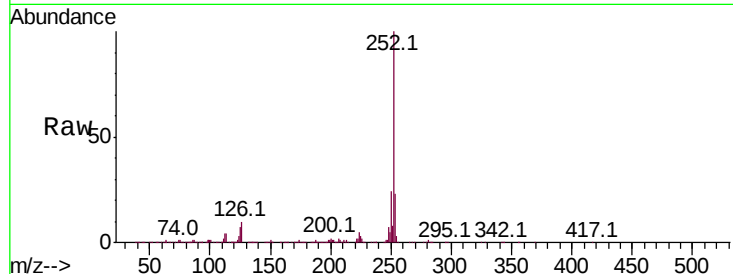




#89
Benzo(k)fluoranthene
Concen: 50.608 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

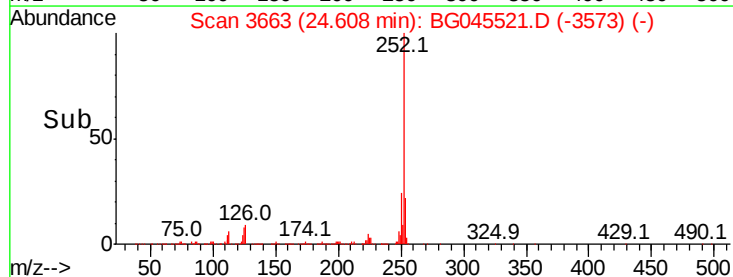
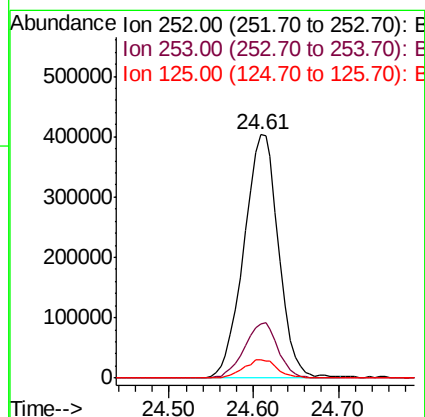
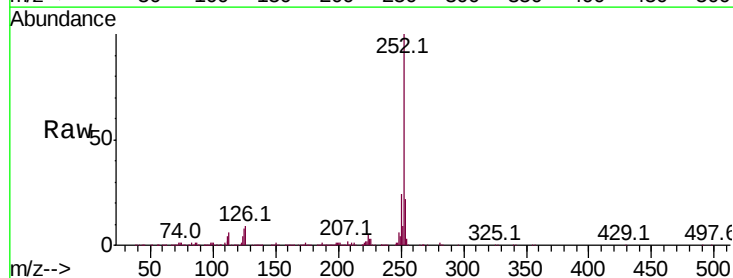
Instrument :
BNA_G
ClientSampleId :
PB129160BSD

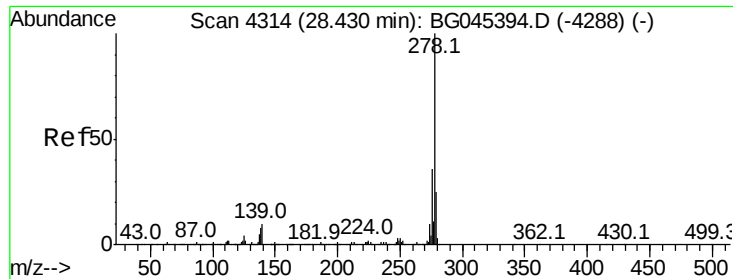
Tot Ion:252 Resp: 1222364
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 7.4 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.909 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:252 Resp: 1147133
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 7.7 5.0 7.6#

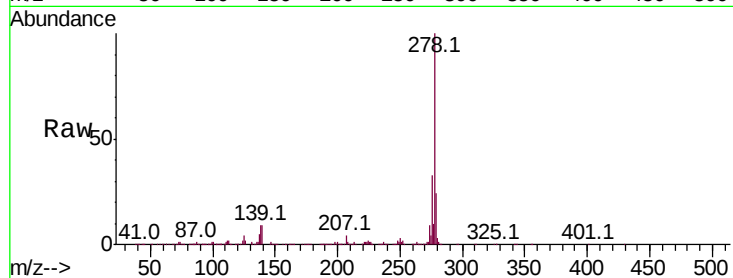




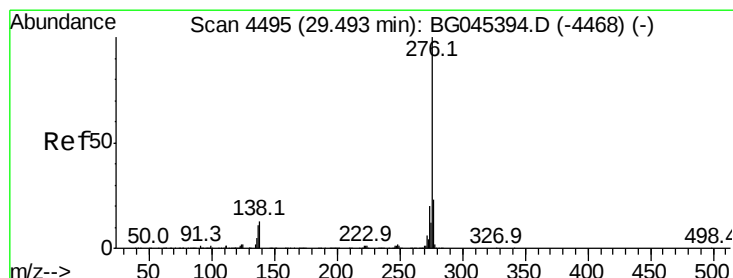
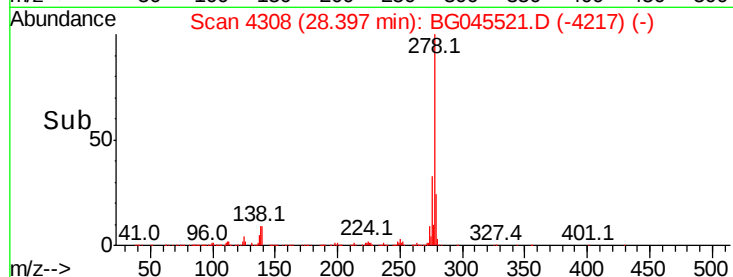
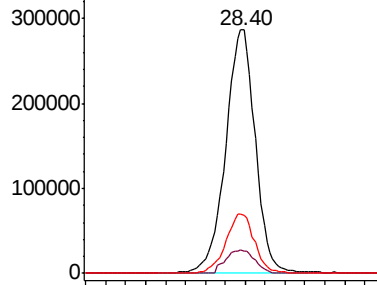
#91
Dibenzo(a,h)anthracene
Concen: 49.341 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB129160BSD

Tot Ion:278 Resp: 1187209
Ion Ratio Lower Upper
278 100
139 9.0 7.8 11.8
279 23.7 19.8 29.8

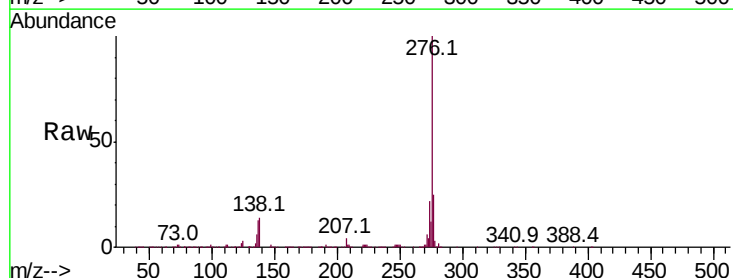


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.129 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.00 min
Lab File: BG045521.D
Acq: 29 May 2020 13:18

Tgt Ion:276 Resp: 1206320
Ion Ratio Lower Upper
276 100
277 24.9 18.1 27.1
138 13.8 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

