

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045403.D
 Acq On : 15 May 2020 19:13
 Operator : CG/JU
 Sample : PB128906BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Quant Time: May 15 19:48:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	64355	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	249250	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176744	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	422879	20.00	ng	0.00
76) Chrysene-d12	21.62	240	417745	20.00	ng	0.00
87) Perylene-d12	24.78	264	476570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	465608	141.39	ng	0.00
7) Phenol-d6	7.14	99	643594	137.32	ng	0.00
23) Nitrobenzene-d5	9.13	82	409316	89.55	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	301176	133.24	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	929727	89.23	ng	0.00
79) Terphenyl-d14	19.98	244	1674739	93.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	62585	38.326	ng	98
3) Pyridine	3.81	79	142822	31.404	ng	98
4) n-Nitrosodimethylamine	3.72	42	63263	42.510	ng	95
6) Aniline	7.29	93	233806	38.214	ng	97
8) 2-Chlorophenol	7.54	128	171273	47.428	ng	99
9) Benzaldehyde	7.09	77	122895	40.245	ng	96
10) Phenol	7.17	94	225934	46.772	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	159073	42.219	ng	97
12) 1,3-Dichlorobenzene	7.86	146	184904	42.608	ng	97
13) 1,4-Dichlorobenzene	8.00	146	188111	43.924	ng	96
14) 1,2-Dichlorobenzene	8.32	146	173890	42.216	ng	98
15) Benzyl Alcohol	8.20	79	174084	44.962	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	149541	41.812	ng	95
17) 2-Methylphenol	8.42	107	154470	42.723	ng	97
18) Hexachloroethane	9.06	117	71058	43.322	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	139002	42.888	ng	94
20) 3+4-Methylphenols	8.75	107	207019	42.047	ng	97
22) Acetophenone	8.79	105	258023	43.677	ng	# 99
24) Nitrobenzene	9.17	77	219388	44.800	ng	95
25) Isophorone	9.69	82	396964	44.100	ng	98
26) 2-Nitrophenol	9.88	139	96244	45.942	ng	96
27) 2,4-Dimethylphenol	9.95	122	162644	52.347	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	218182	46.218	ng	98
29) 2,4-Dichlorophenol	10.43	162	176048	47.982	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	193058	44.529	ng	97
31) Naphthalene	10.82	128	521644	44.912	ng	99
32) Benzoic acid	10.10	122	80314	40.093	ng	94
33) 4-Chloroaniline	10.93	127	143603	29.578	ng	96
34) Hexachlorobutadiene	11.12	225	129346	42.206	ng	97
35) Caprolactam	11.75	113	30441	22.604	ng	92
36) 4-Chloro-3-methylphenol	12.06	107	198509	48.014	ng	95
37) 2-Methylnaphthalene	12.43	142	397836	45.955	ng	98
38) 1-Methylnaphthalene	12.65	142	372376	45.536	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	218766	44.314	ng	99

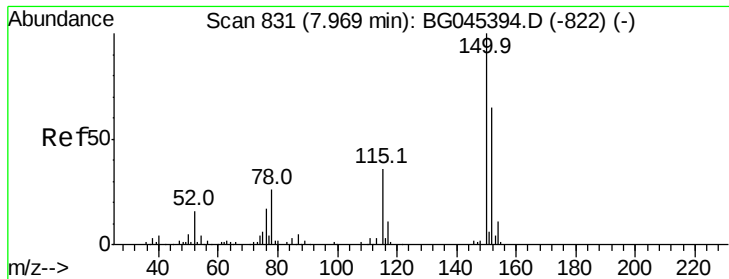
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045403.D
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 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	290337	101.894	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	155848	45.445	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	164548	41.989	ng	99
46) 1,1'-Biphenyl	13.44	154	505240	46.522	ng	99
47) 2-Chloronaphthalene	13.49	162	386351	43.810	ng	98
48) 2-Nitroaniline	13.69	65	127580	43.979	ng	93
49) Acenaphthylene	14.33	152	641740	45.304	ng	99
50) Dimethylphthalate	14.07	163	529773	43.694	ng	99
51) 2,6-Dinitrotoluene	14.18	165	120356	43.991	ng	97
52) Acenaphthene	14.68	154	382361	40.325	ng	96
53) 3-Nitroaniline	14.51	138	88516	31.827	ng	94
54) 2,4-Dinitrophenol	14.72	184	151297	84.118	ng	97
55) Dibenzofuran	15.01	168	618521	43.926	ng	97
56) 4-Nitrophenol	14.84	139	193324	91.814	ng	91
57) 2,4-Dinitrotoluene	14.97	165	172431	43.518	ng	97
58) Fluorene	15.66	166	514167	44.447	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155750	45.175	ng	98
60) Diethylphthalate	15.43	149	554928	43.973	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	282638	42.696	ng	99
62) 4-Nitroaniline	15.68	138	119981	41.324	ng	98
63) Azobenzene	15.95	77	521094	44.284	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	112859	45.825	ng	99
66) n-Nitrosodiphenylamine	15.87	169	458928	45.200	ng	95
67) 4-Bromophenyl-phenylether	16.55	248	195206	42.630	ng	98
68) Hexachlorobenzene	16.68	284	214689	44.826	ng	98
69) Atrazine	16.82	200	179978	43.036	ng	97
70) Pentachlorophenol	17.02	266	242315	97.440	ng	98
71) Phenanthrene	17.40	178	838609	45.426	ng	100
72) Anthracene	17.49	178	870001	46.928	ng	97
73) Carbazole	17.76	167	808174	44.722	ng	98
74) Di-n-butylphthalate	18.33	149	973754	44.894	ng	99
75) Fluoranthene	19.41	202	1084031	46.166	ng	99
77) Benzidine	19.59	184	592508	50.501	ng	100
78) Pyrene	19.77	202	1082608	45.463	ng	100
80) Butylbenzylphthalate	20.66	149	453611	44.132	ng	99
81) Benzo(a)anthracene	21.60	228	1062953	45.677	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	310575	34.023	ng	100
83) Chrysene	21.67	228	1017620	45.478	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	640509	45.332	ng	# 99
85) Di-n-octyl phthalate	22.71	149	1114091	45.909	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1383656	47.287	ng	# 97
88) Benzo(b)fluoranthene	23.78	252	1175794	46.003	ng	98
89) Benzo(k)fluoranthene	23.85	252	1098855	45.762	ng	99
90) Benzo(a)pyrene	24.64	252	1072684	45.064	ng	98
91) Dibenzo(a,h)anthracene	28.43	278	1124669	47.017	ng	98
92) Benzo(g,h,i)perylene	29.49	276	1148505	48.007	ng	98

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

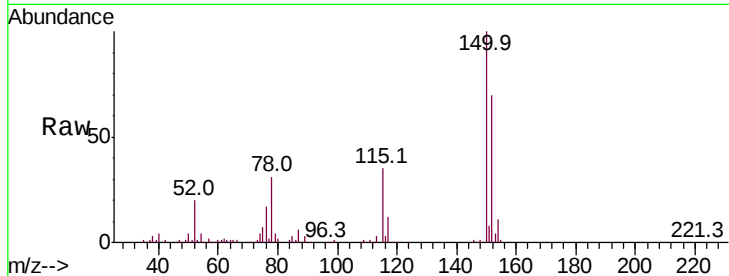


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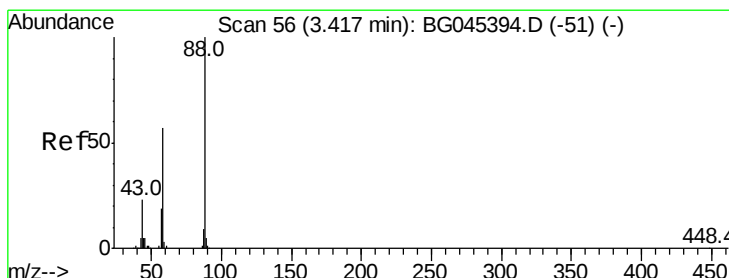
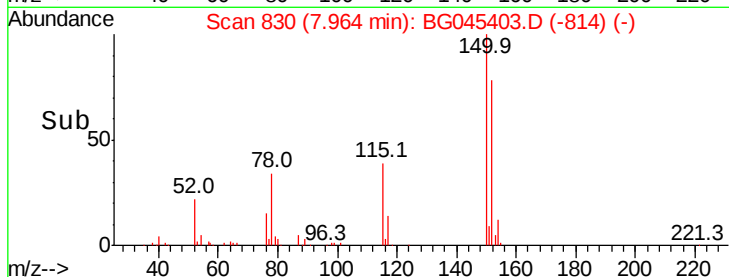
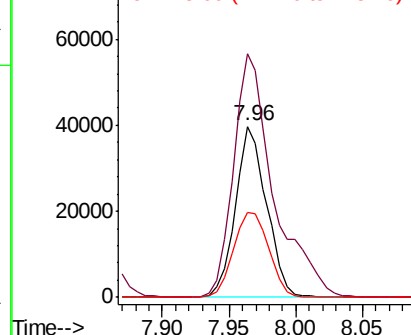
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:152 Resp: 64355
Ion Ratio Lower Upper
152 100
150 142.2 122.4 183.6
115 49.6 44.2 66.4



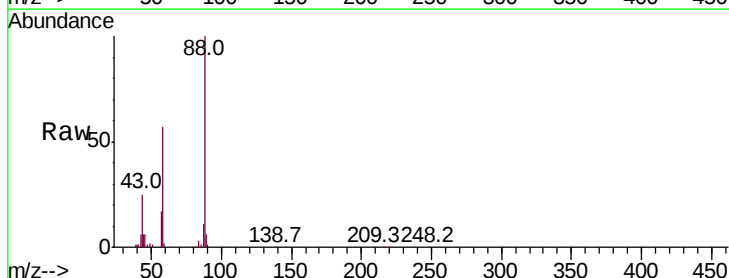
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



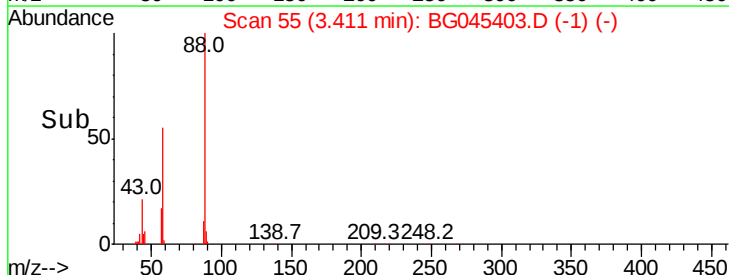
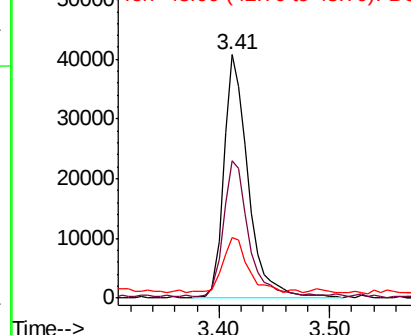
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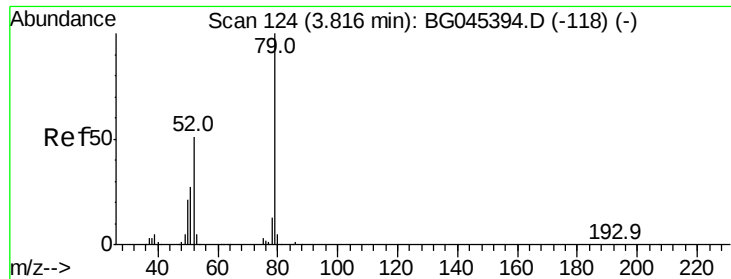
1,4-Dioxane
Concen: 38.326 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion: 88 Resp: 62585
Ion Ratio Lower Upper
88 100
58 57.7 45.7 68.5
43 22.8 16.8 25.2



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





#3

Pvridine

Concen: 31.404 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

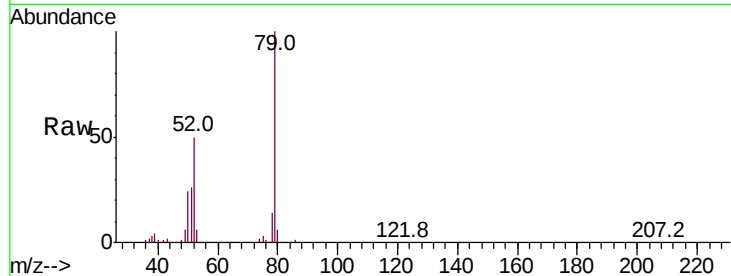
Tot Ion: 79 Resp: 142822

Ion Ratio Lower Upper

79 100

52 49.5 40.8 61.2

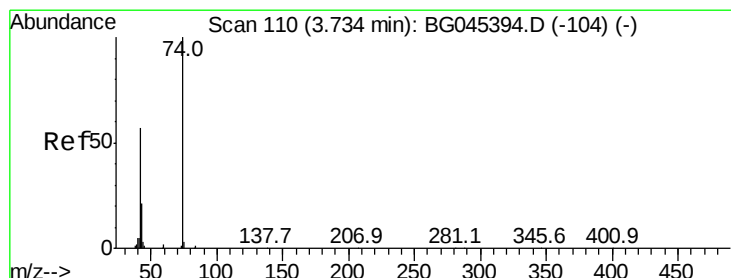
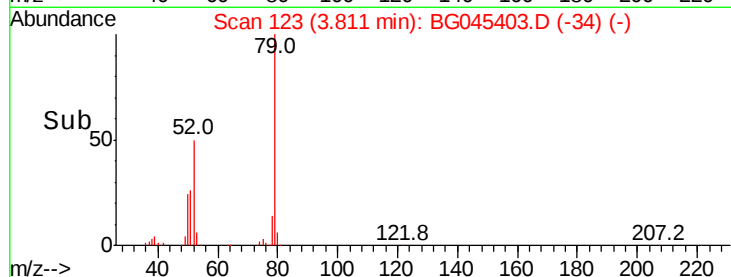
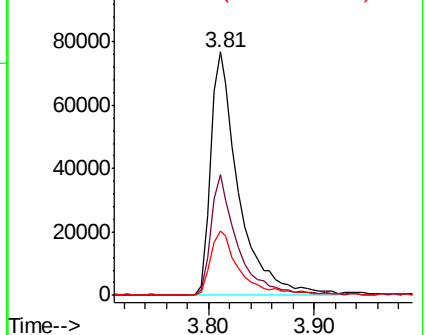
51 26.4 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.510 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

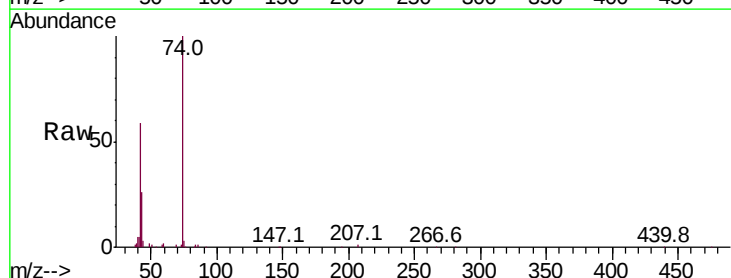
Tgt Ion: 42 Resp: 63263

Ion Ratio Lower Upper

42 100

74 168.8 141.3 211.9

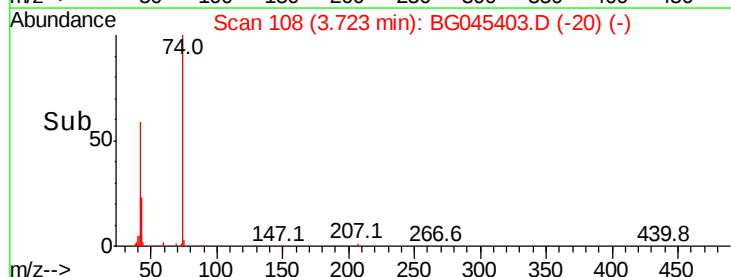
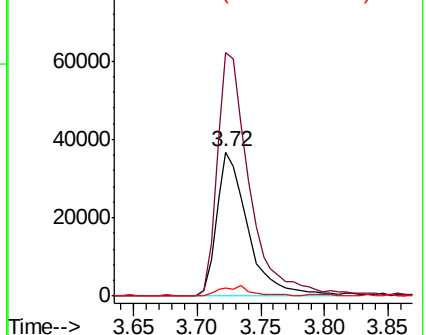
44 5.3 4.2 6.4

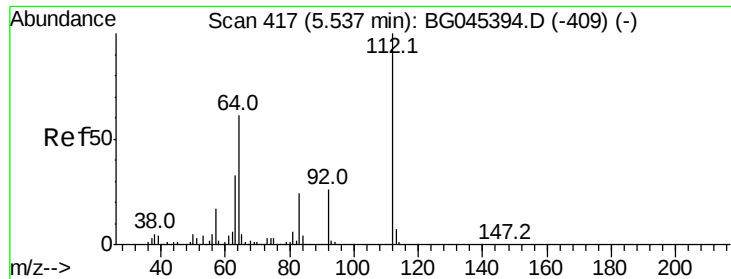


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.393 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

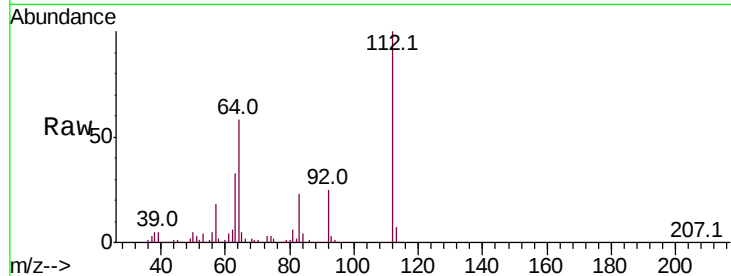
Tot Ion:112 Resp: 465608

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

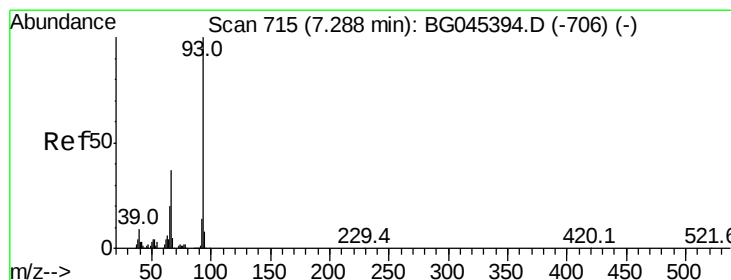
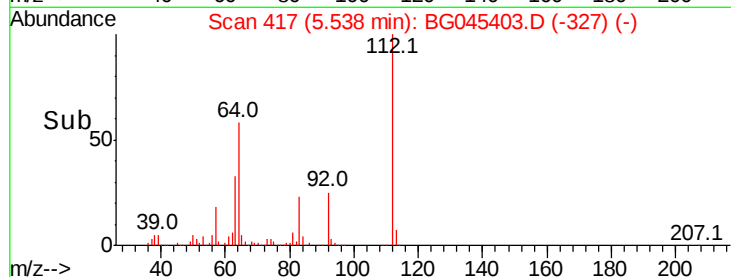
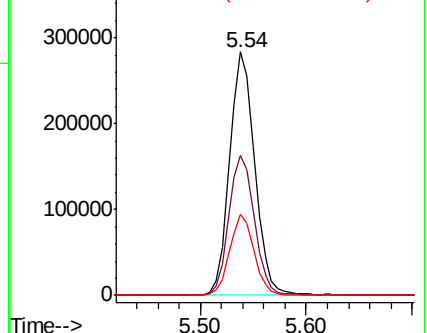
63 33.1 26.5 39.7



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: 38.214 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

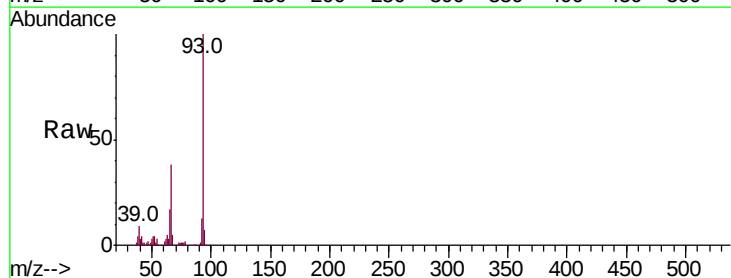
Tgt Ion: 93 Resp: 233806

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

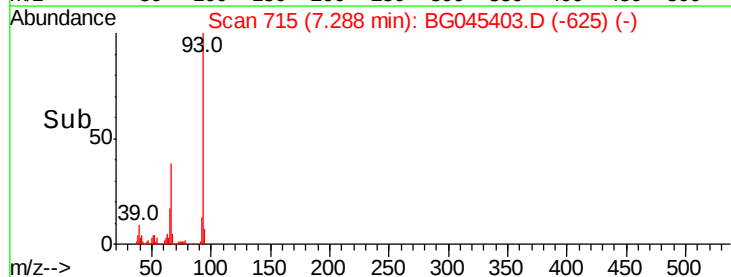
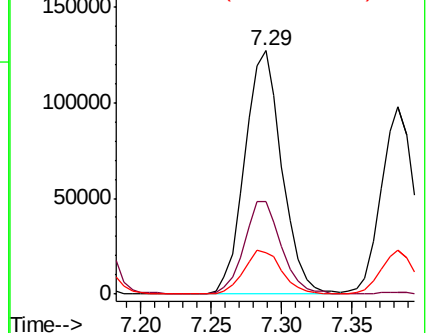
65 16.9 15.9 23.9

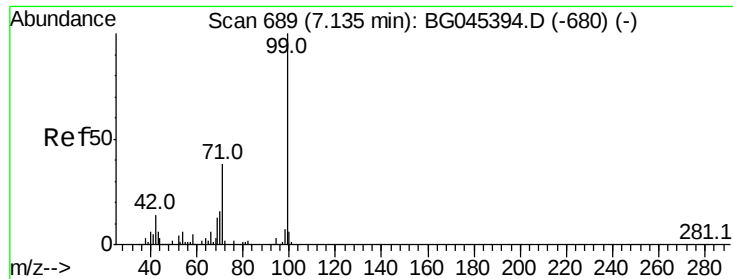


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.317 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

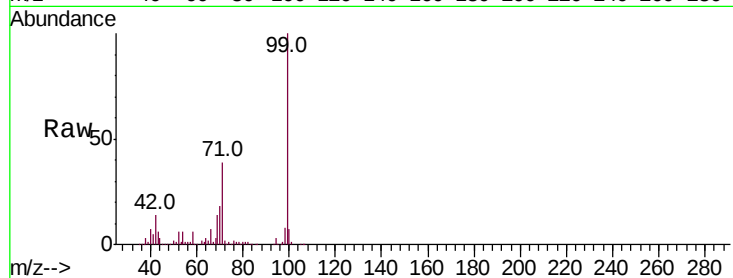
Tot Ion: 99 Resp: 643594

Ion Ratio Lower Upper

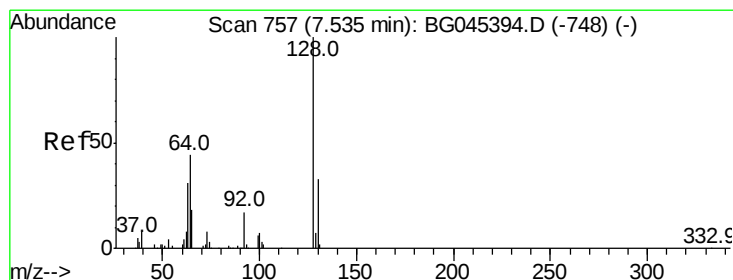
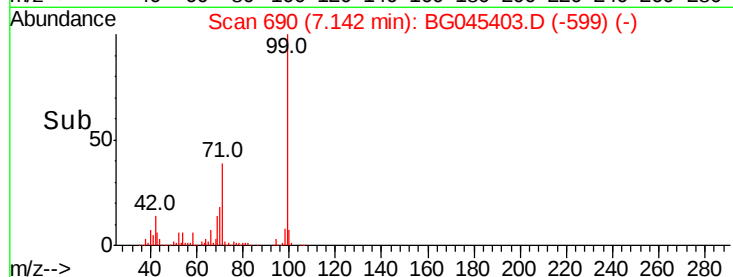
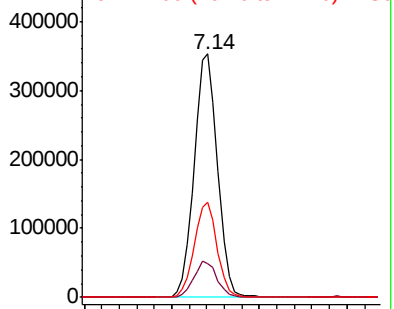
99 100

42 13.8 11.3 16.9

71 39.1 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: 47.428 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

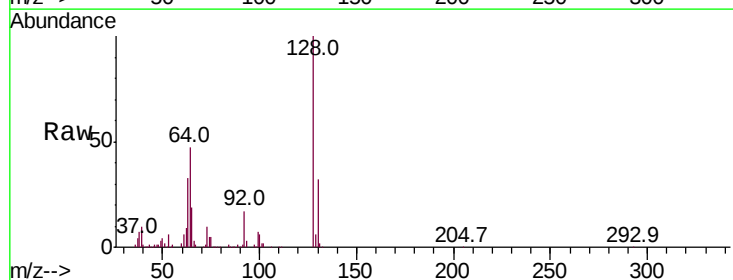
Tgt Ion: 128 Resp: 171273

Ion Ratio Lower Upper

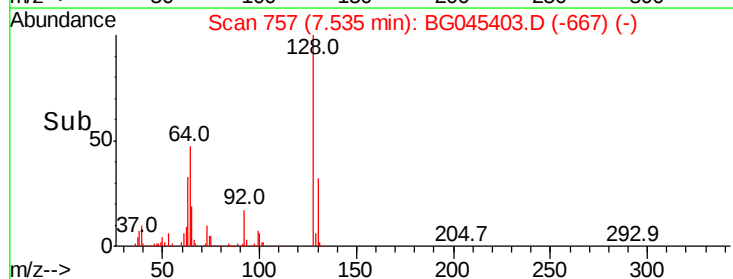
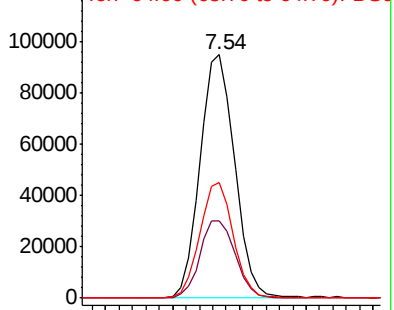
128 100

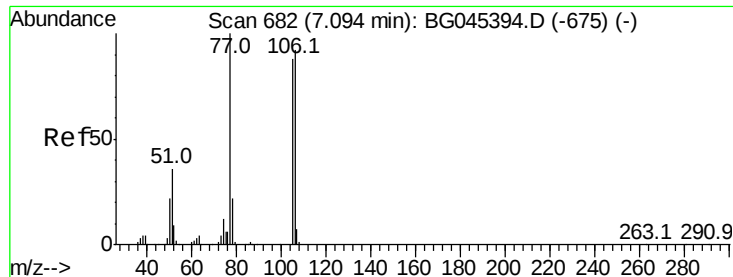
130 31.6 12.6 52.6

64 47.5 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: 40.245 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

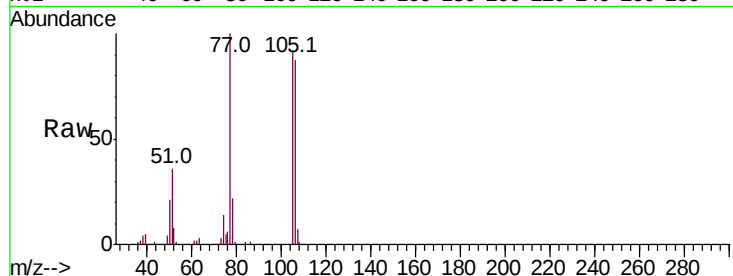
Tot Ion: 77 Resp: 122895

Ion Ratio Lower Upper

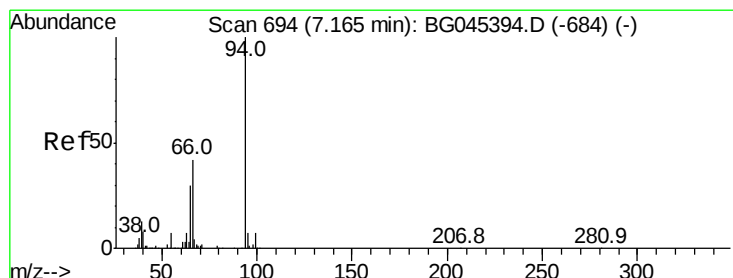
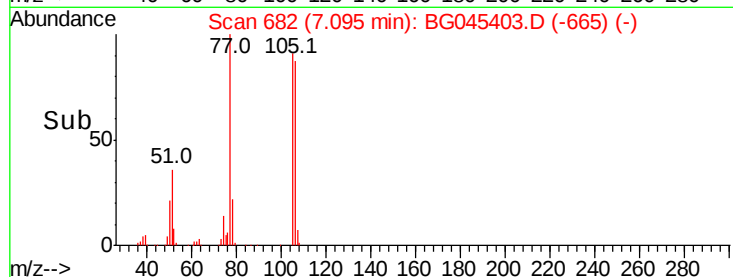
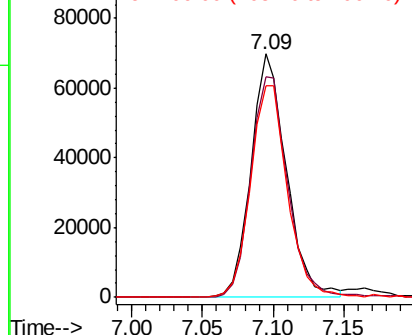
77 100

105 90.6 68.5 108.5

106 87.1 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: 46.772 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

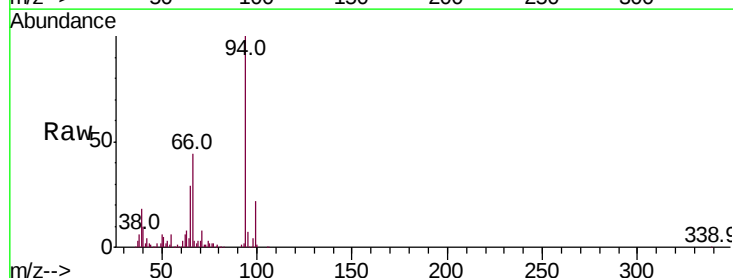
Tgt Ion: 94 Resp: 225934

Ion Ratio Lower Upper

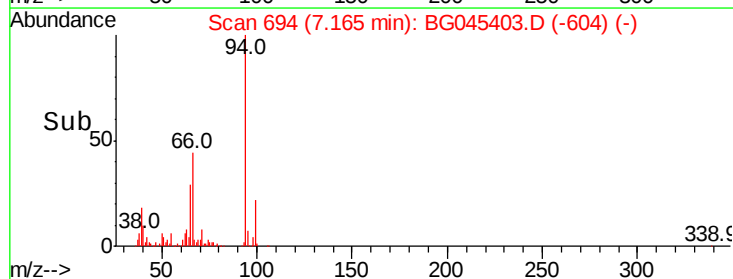
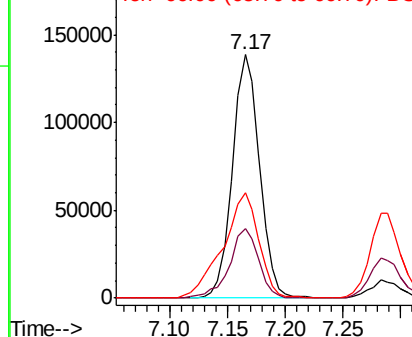
94 100

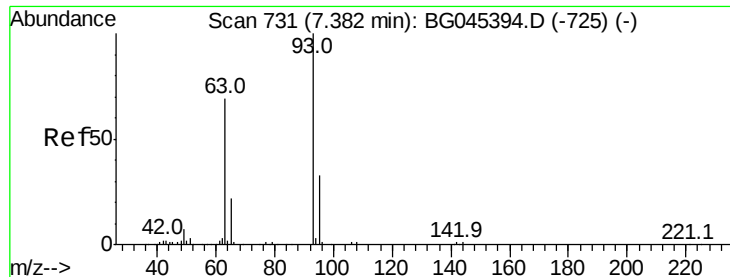
65 28.6 9.8 49.8

66 43.5 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



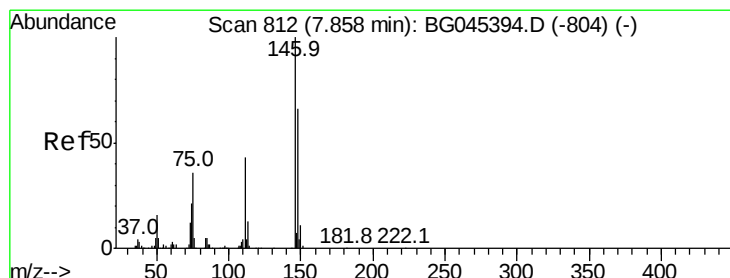
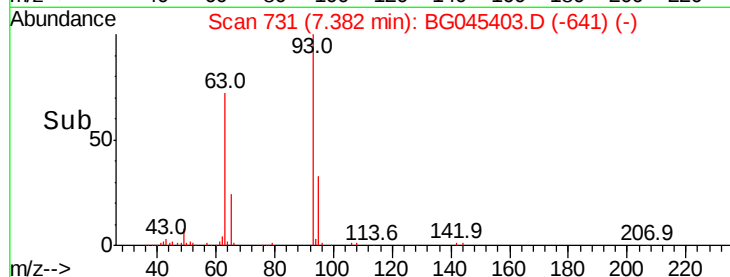
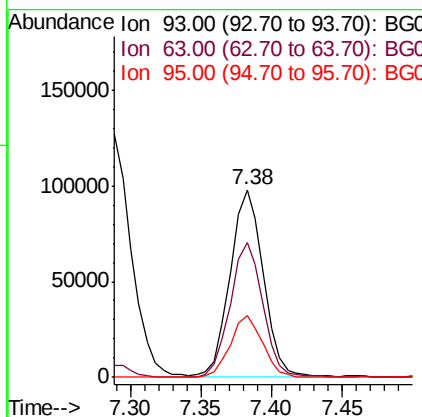
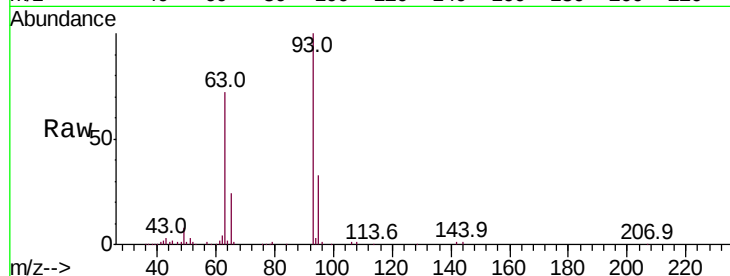


#11
 bis(2-Chloroethyl)ether
 Concen: 42.219 ng
 RT: 7.38 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion: 93 Resp: 159073

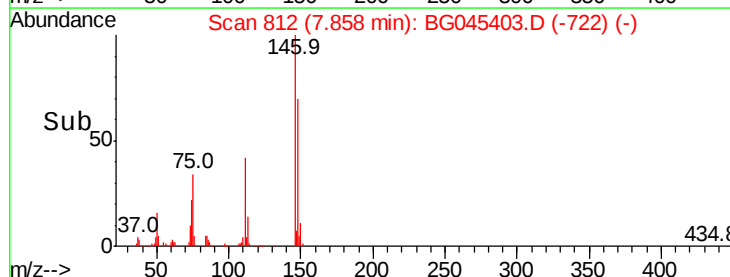
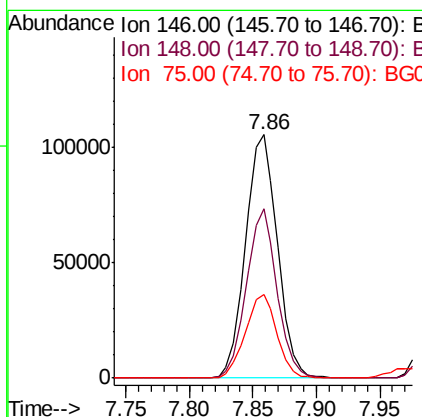
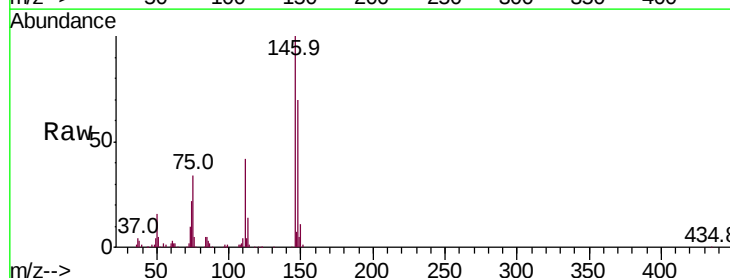
Ion	Ratio	Lower	Upper
93	100		
63	71.6	48.4	88.4
95	32.9	12.4	52.4

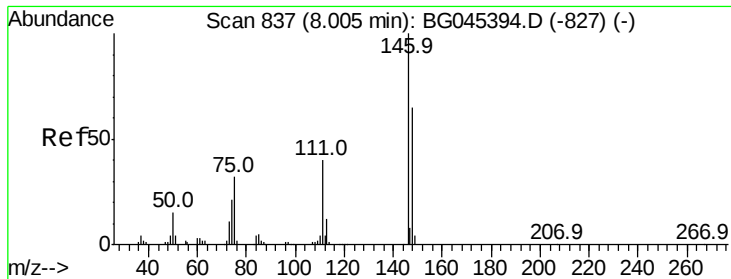


#12
 1,3-Dichlorobenzene
 Concen: 42.608 ng
 RT: 7.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion: 146 Resp: 184904

Ion	Ratio	Lower	Upper
146	100		
148	69.7	53.2	79.8
75	34.4	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.924 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

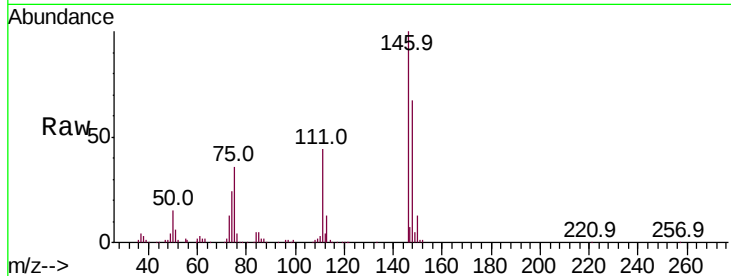
Tot Ion:146 Resp: 188111

Ion Ratio Lower Upper

146 100

148 66.8 51.8 77.8

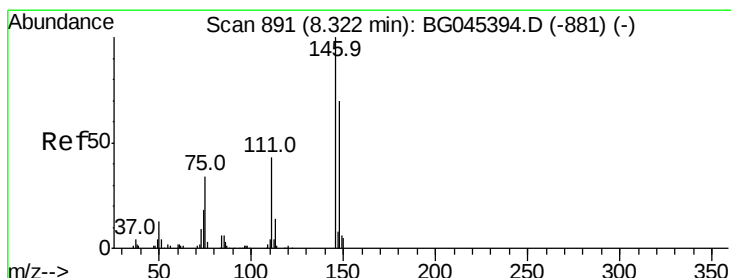
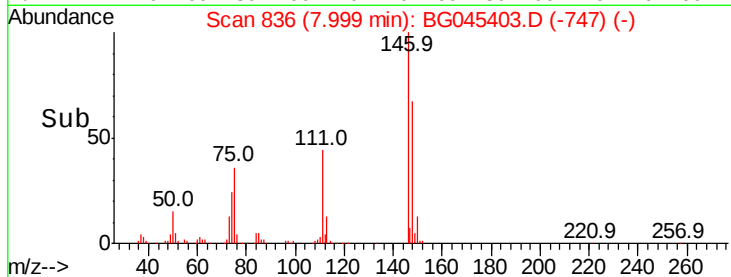
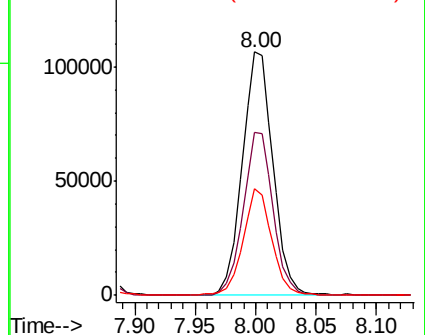
111 44.0 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.216 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

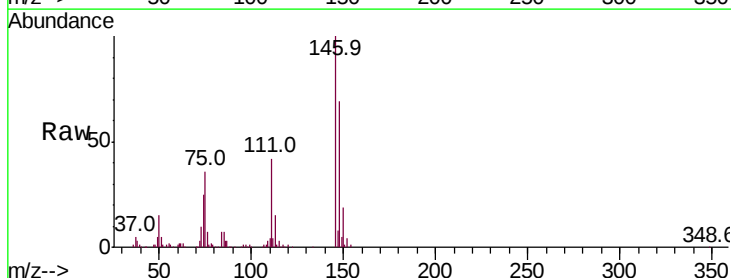
Tgt Ion:146 Resp: 173890

Ion Ratio Lower Upper

146 100

148 68.8 55.9 83.9

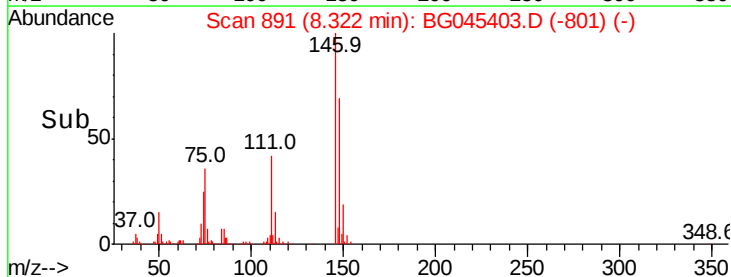
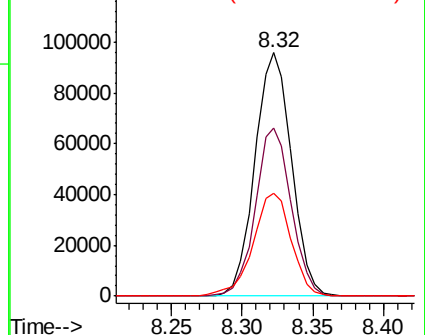
111 42.1 35.0 52.4

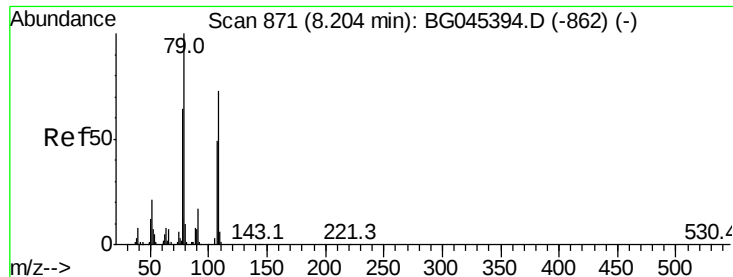


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.962 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

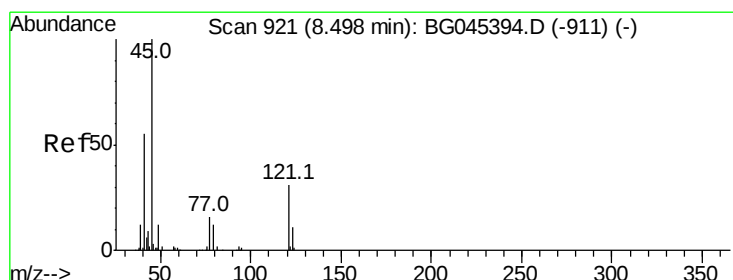
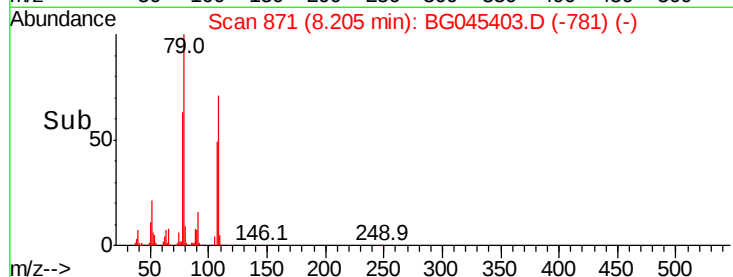
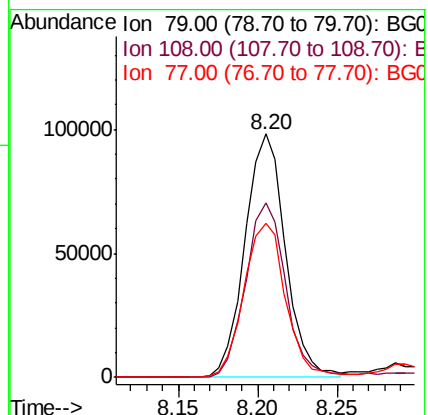
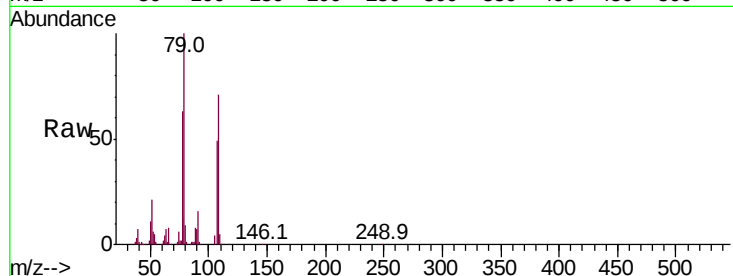
Tot Ion: 79 Resp: 174084

Ion Ratio Lower Upper

79 100

108 71.5 58.2 87.4

77 63.1 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.812 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

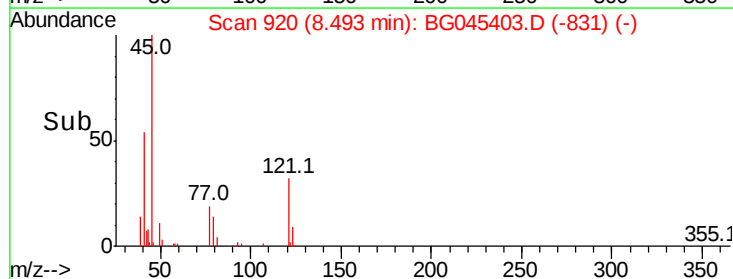
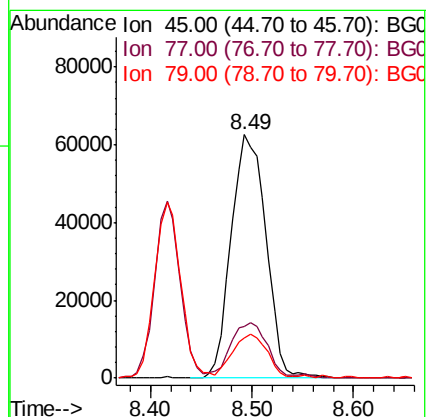
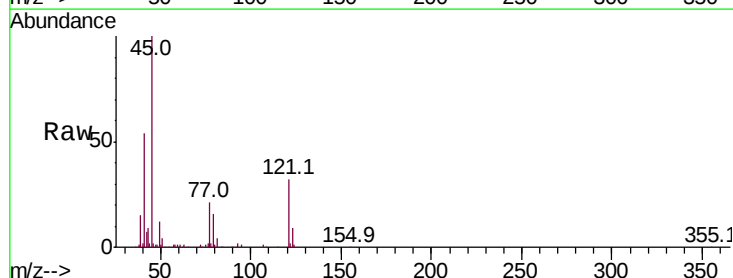
Tgt Ion: 45 Resp: 149541

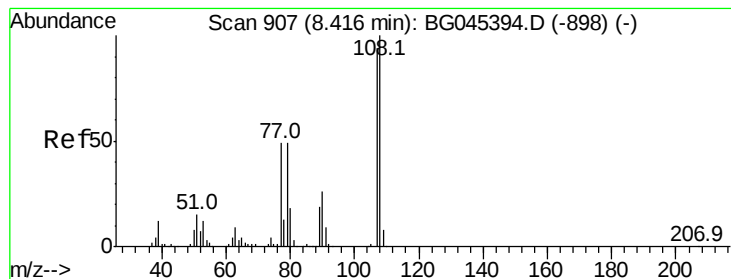
Ion Ratio Lower Upper

45 100

77 21.4 4.0 44.0

79 16.4 0.0 38.6

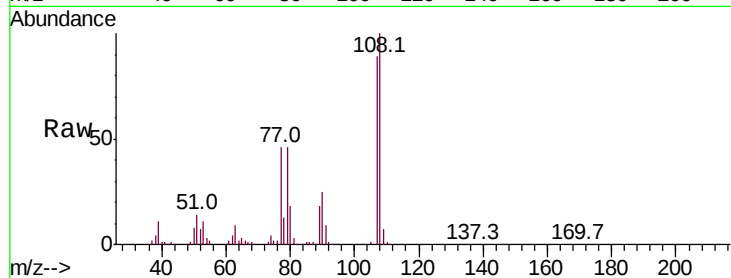




#17
2-Methylphenol
Concen: 42.723 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	85.2	127.8
77	51.8	41.6	62.4
79	51.6	41.8	62.8



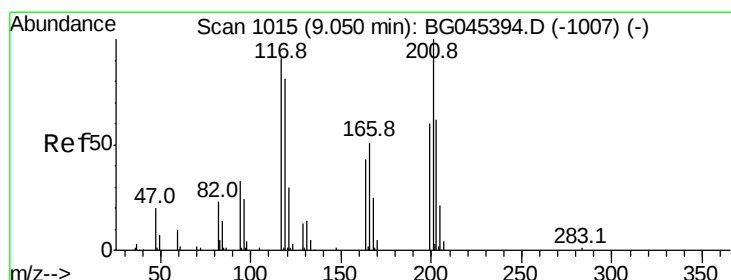
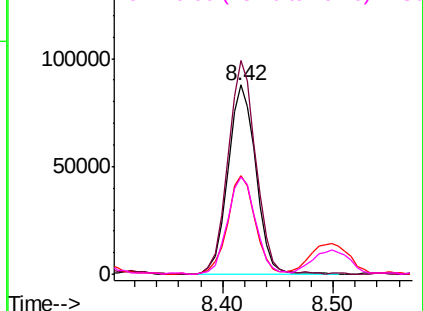
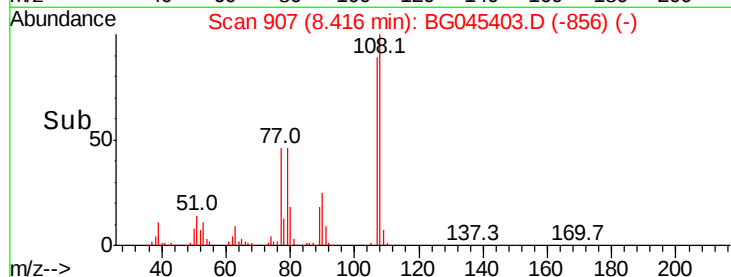
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

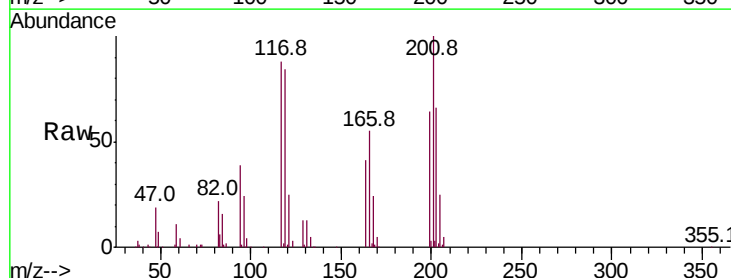
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.322 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	71.3	106.9
201	113.6	87.5	131.3

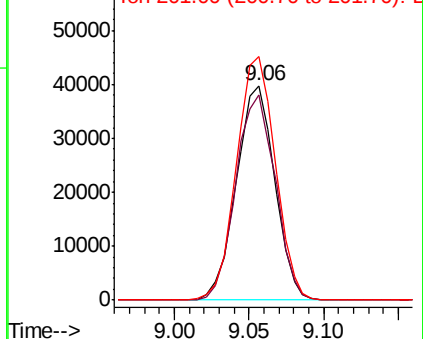
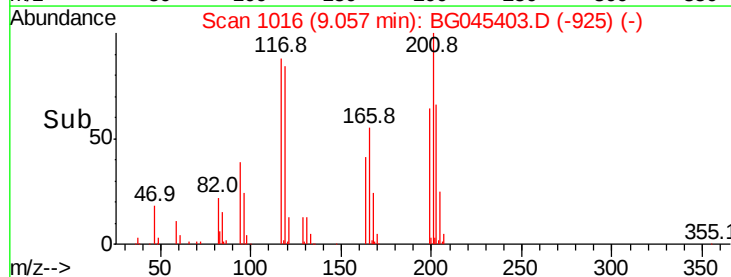


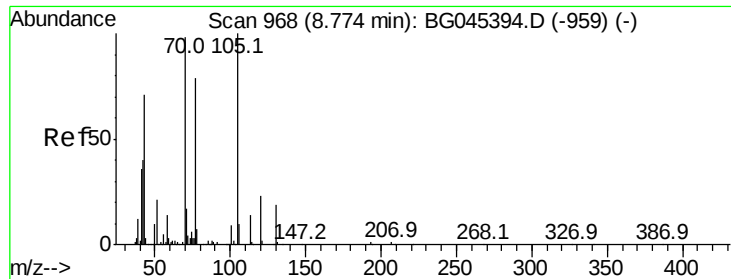
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.888 ng

RT: 8.77 min Scan# 968

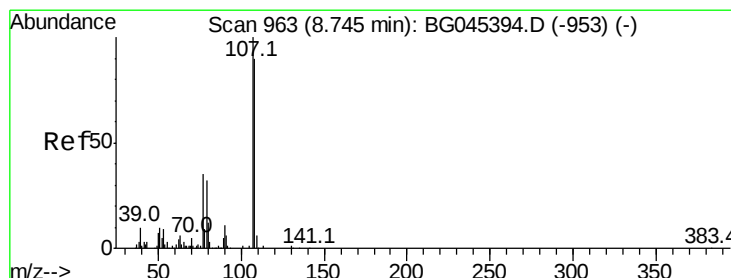
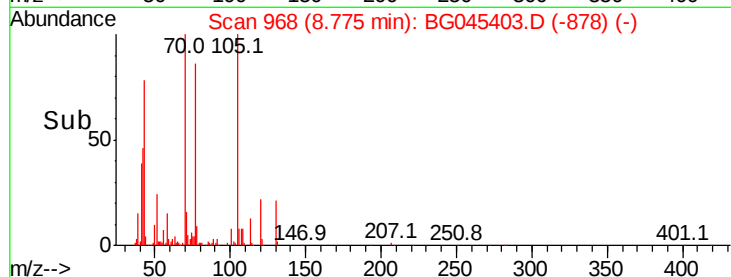
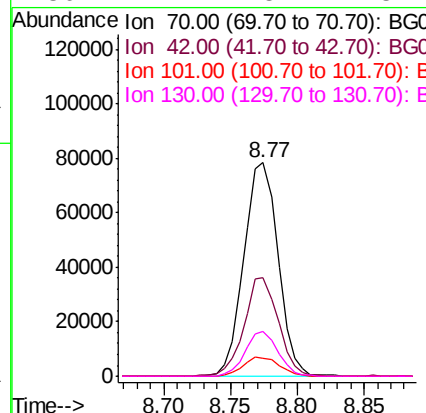
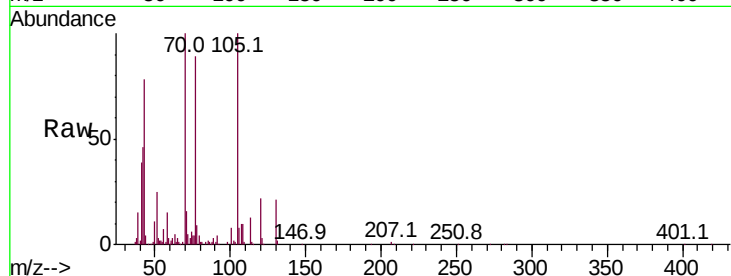
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:	70	Resp:	139002
Ion	Ratio	Lower	Upper
70	100		
42	45.9	33.2	49.8
101	8.5	7.8	11.6
130	21.2	15.4	23.2



#20

3+4-Methylphenols

Concen: 42.047 ng

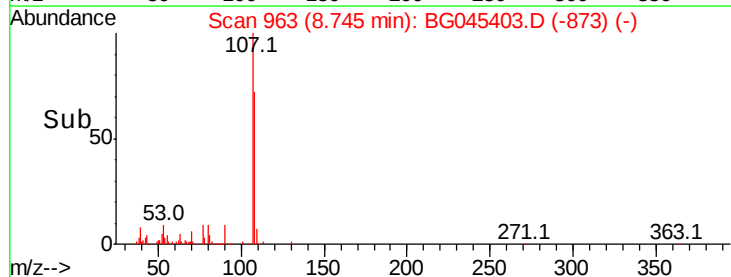
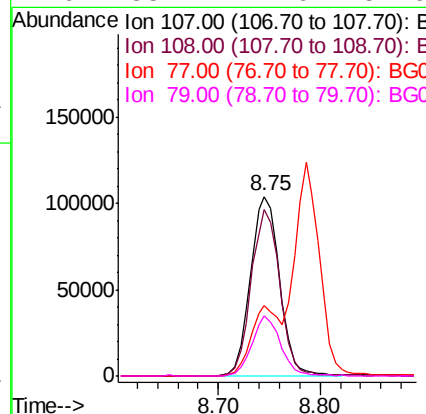
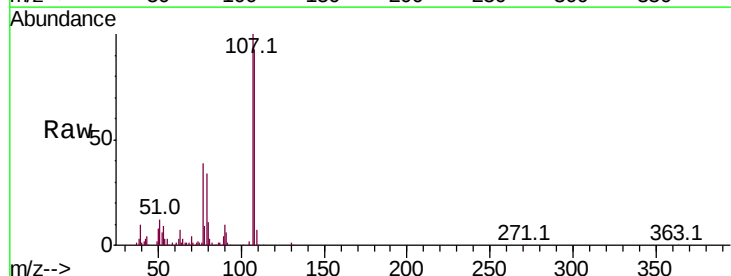
RT: 8.75 min Scan# 963

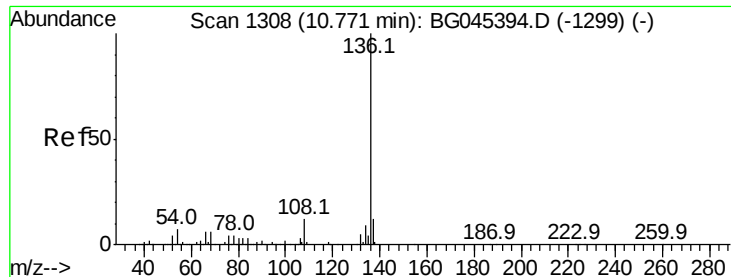
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	107	Resp:	207019
Ion	Ratio	Lower	Upper
107	100		
108	92.9	70.3	110.3
77	39.1	15.4	55.4
79	33.7	12.6	52.6

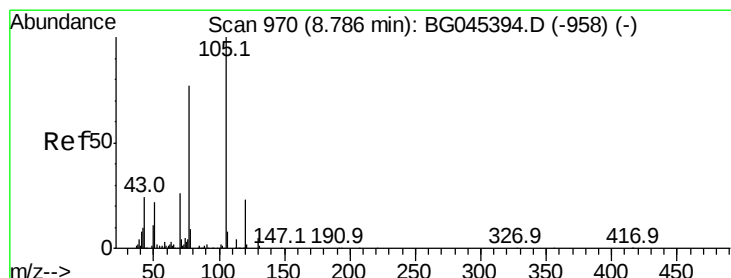
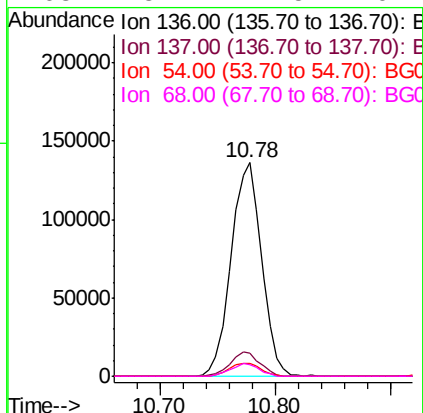
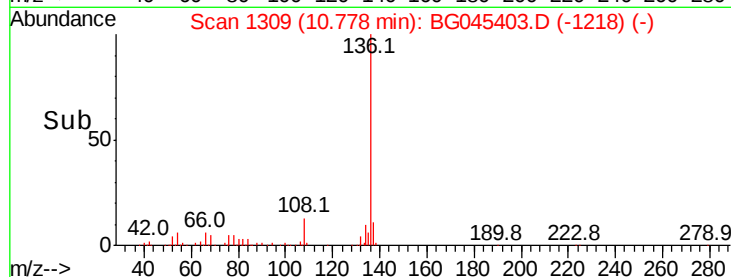
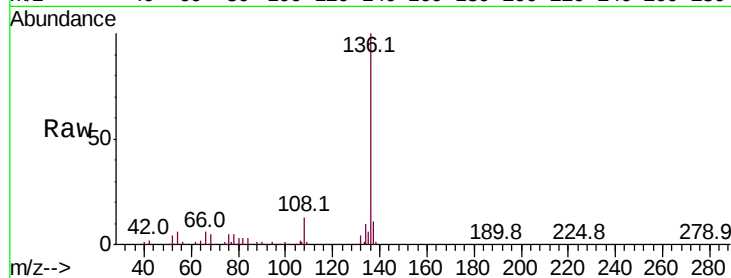




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

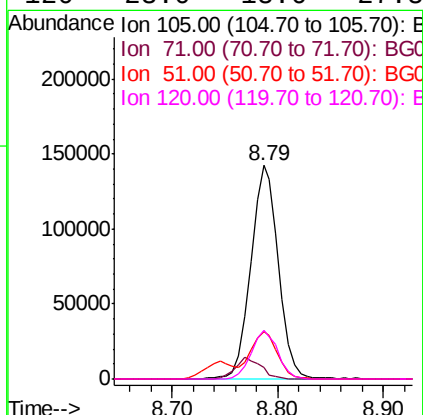
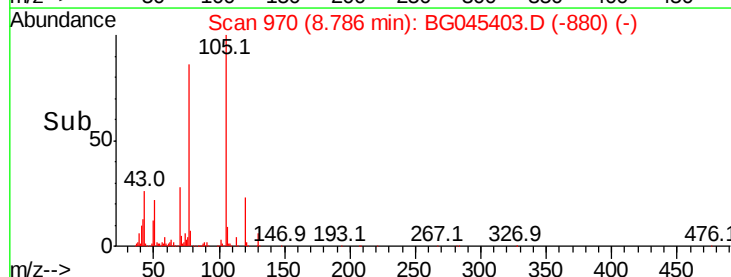
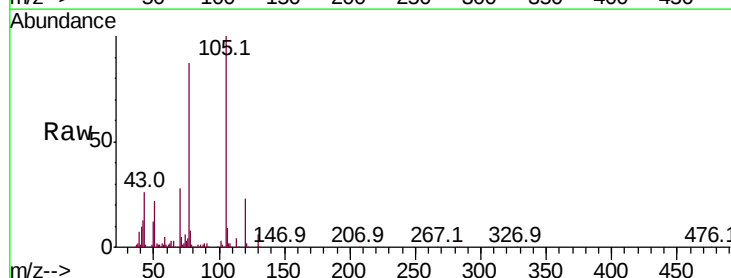
Instrument :
BNA_G
ClientSampleId :
PB128906BS

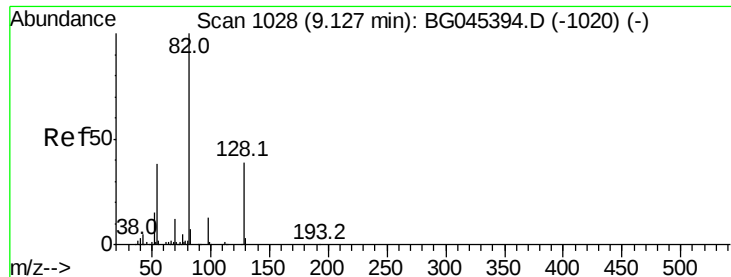
Tot Ion:136	Resp:	249250	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.4	14.2	
54 6.2	5.8	8.6	
68 5.1	4.5	6.7	



#22
Acetophenone
Concen: 43.677 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt	Ion:105	Resp:	258023
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.4	5.0#
51	21.9	18.2	27.2
120	23.0	18.6	27.8

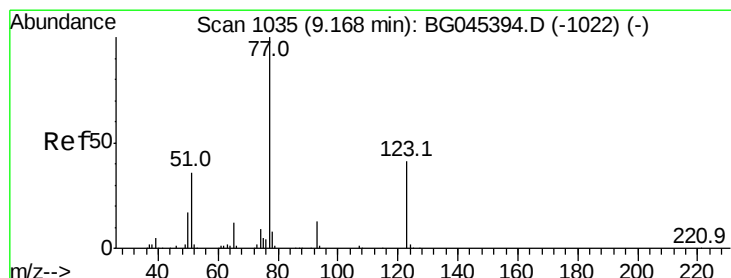
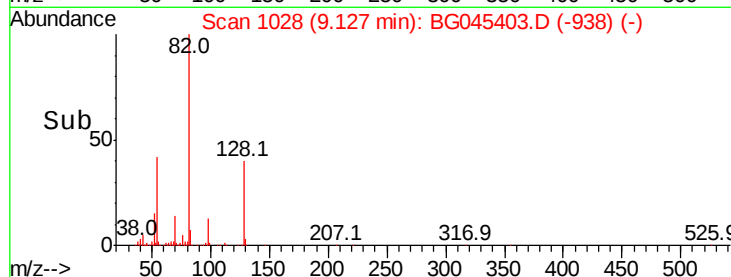
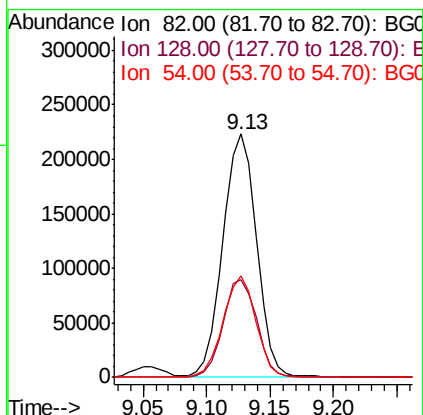
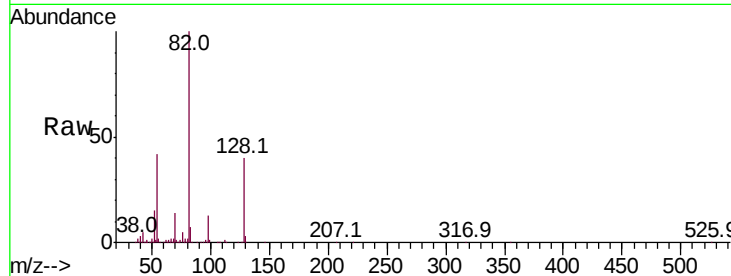




#23
Nitrobenzene-d5
Concen: 89.551 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

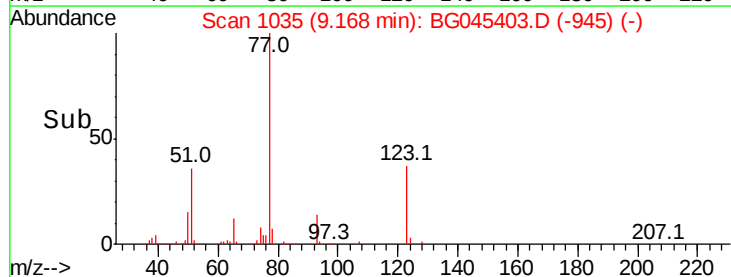
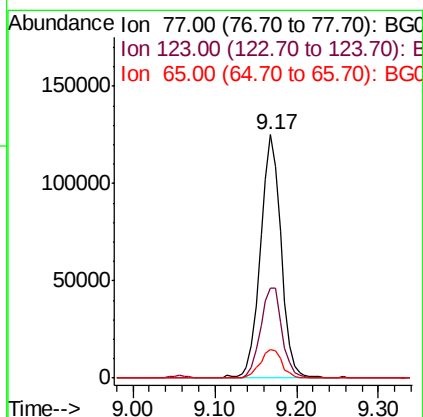
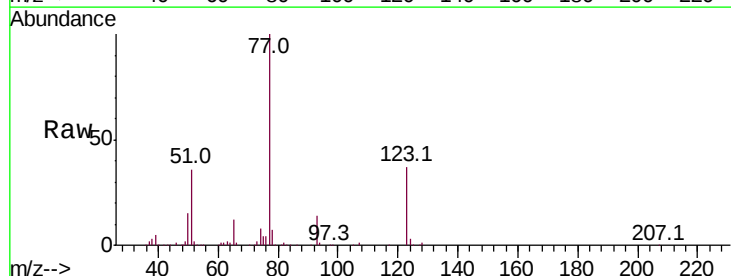
Instrument :
BNA_G
ClientSampleId :
PB128906BS

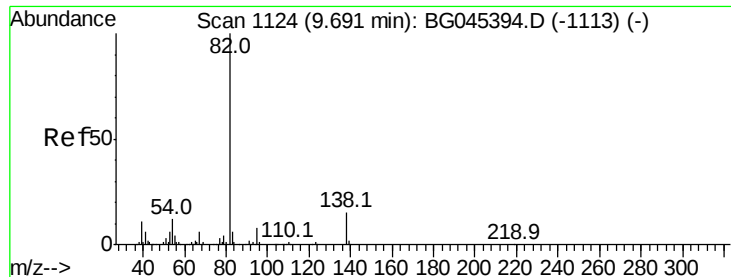
Tot Ion	82	Resp	409316
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	41.9	30.3	45.5



#24
Nitrobenzene
Concen: 44.800 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	77	Resp	219388
Ion	Ratio	Lower	Upper
77	100		
123	37.1	32.9	49.3
65	11.9	9.4	14.2





#25

Isophorone

Concen: 44.100 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

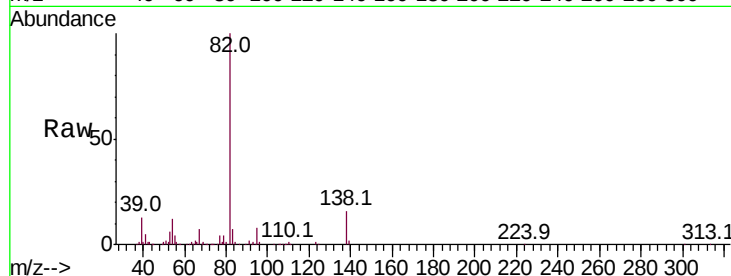
Tot Ion: 82 Resp: 396964

Ion Ratio Lower Upper

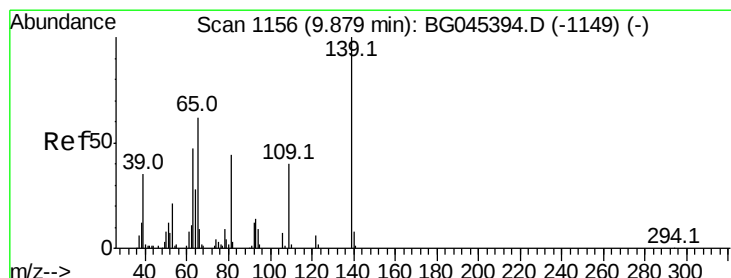
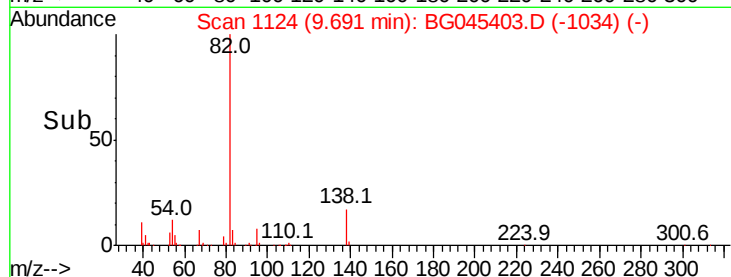
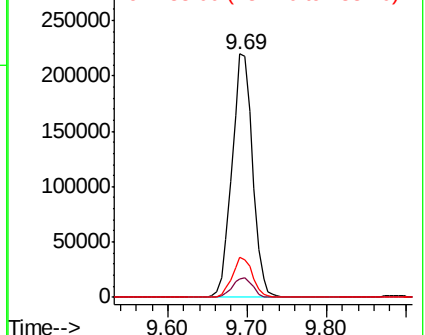
82 100

95 7.7 6.7 10.1

138 16.3 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: 45.942 ng

RT: 9.88 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

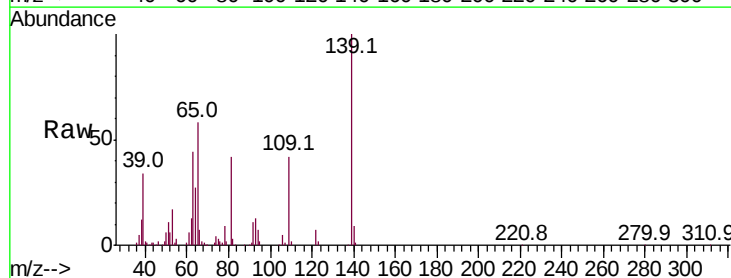
Tgt Ion: 139 Resp: 96244

Ion Ratio Lower Upper

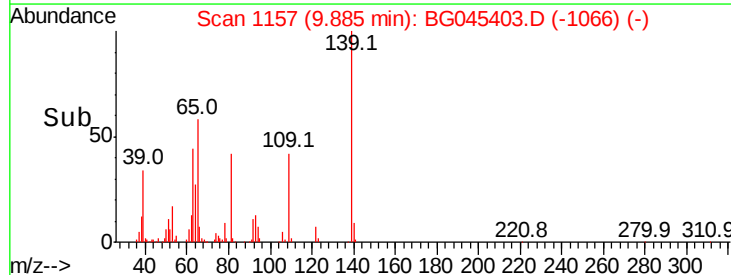
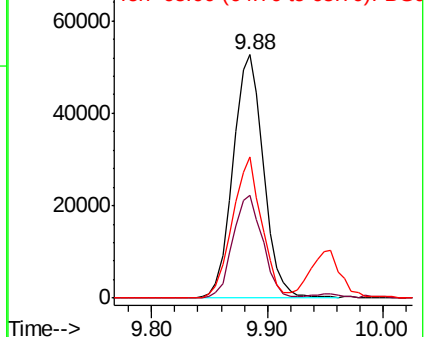
139 100

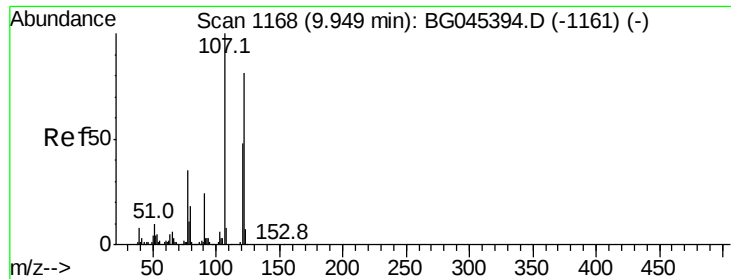
109 42.2 32.2 48.4

65 57.9 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

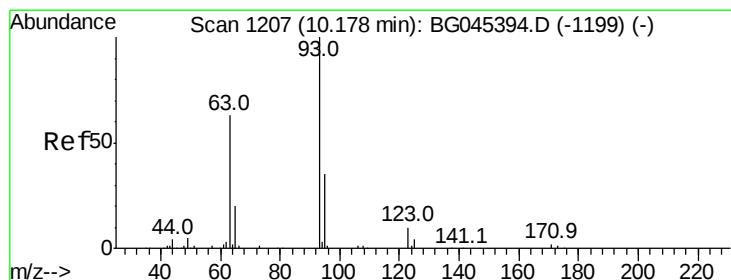
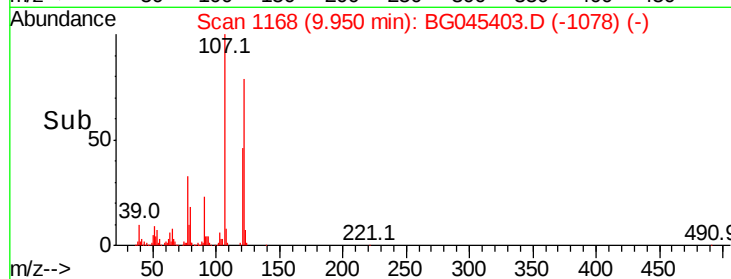
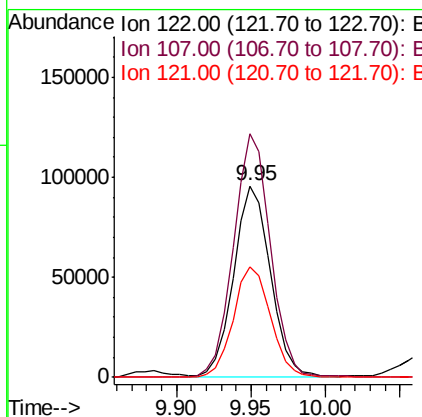
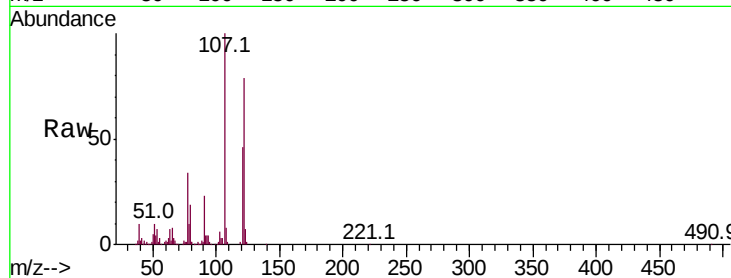




#27
2,4-Dimethylphenol
Concen: 52.347 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

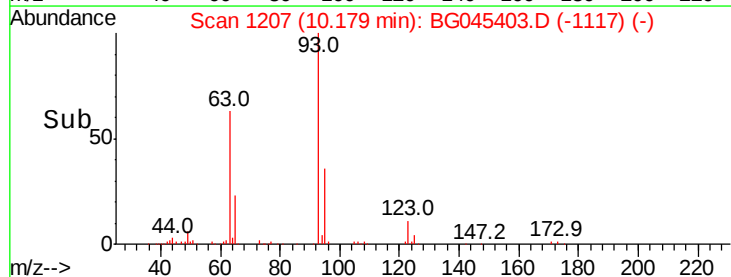
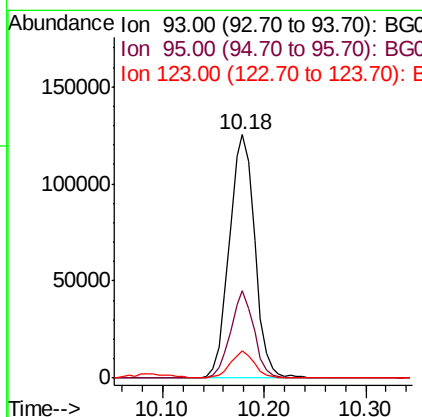
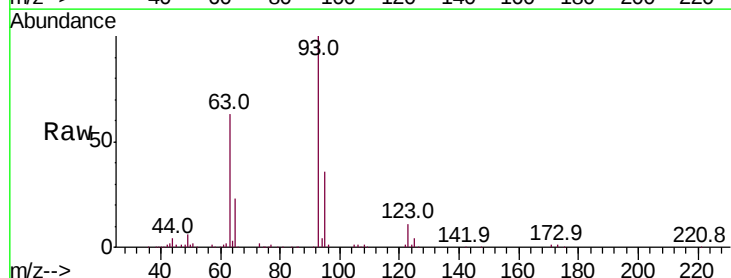
Instrument :
BNA_G
ClientSampleId :
PB128906BS

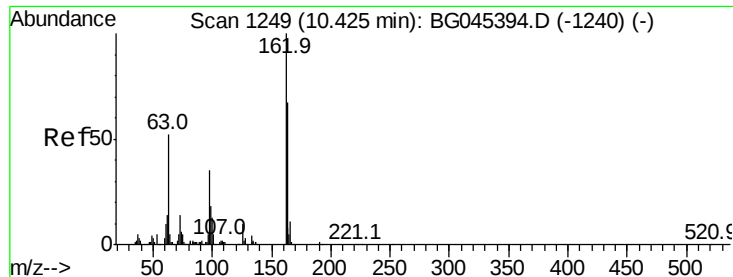
Tot Ion:122 Resp: 162644
Ion Ratio Lower Upper
122 100
107 127.2 99.0 148.4
121 57.9 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 46.218 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion: 93 Resp: 218182
Ion Ratio Lower Upper
93 100
95 35.8 27.6 41.4
123 11.1 8.1 12.1

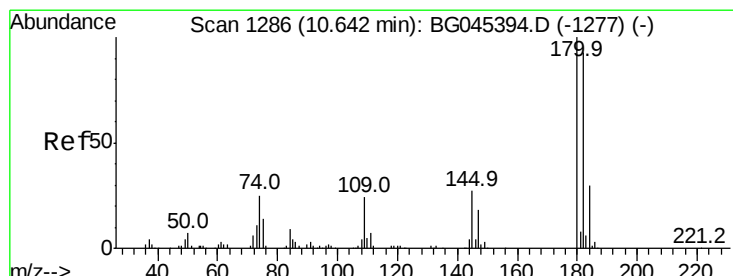
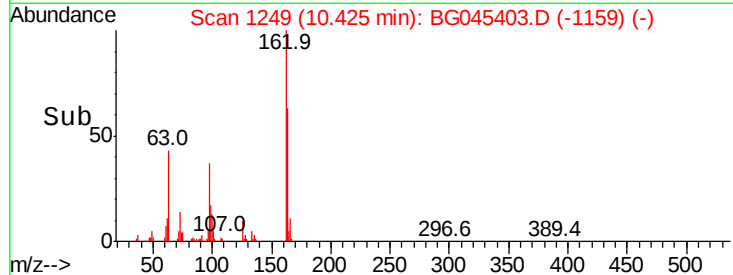
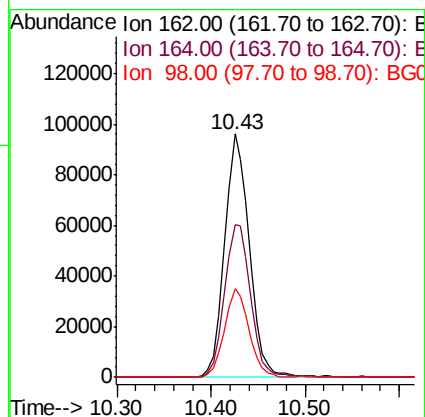
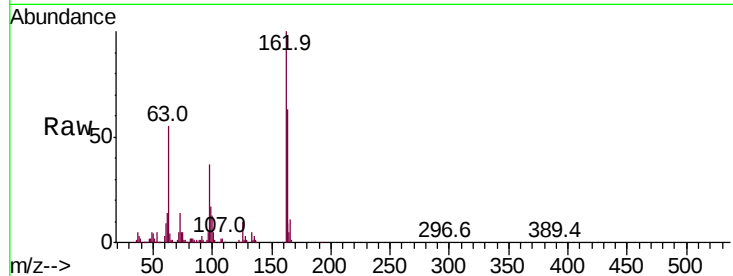




#29
 2,4-Dichlorophenol
 Concen: 47.982 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

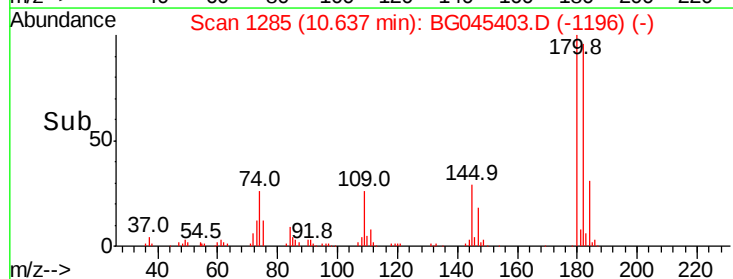
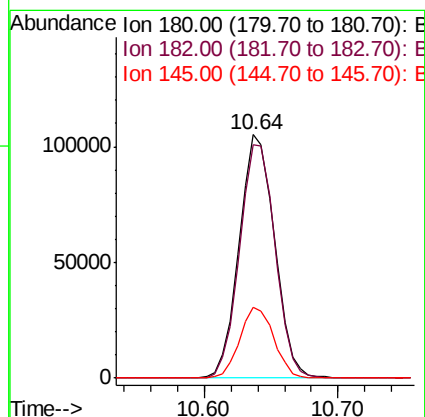
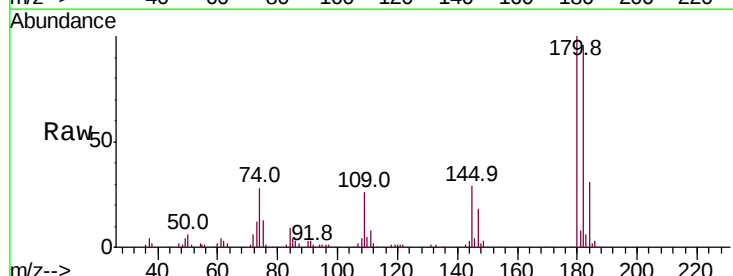
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

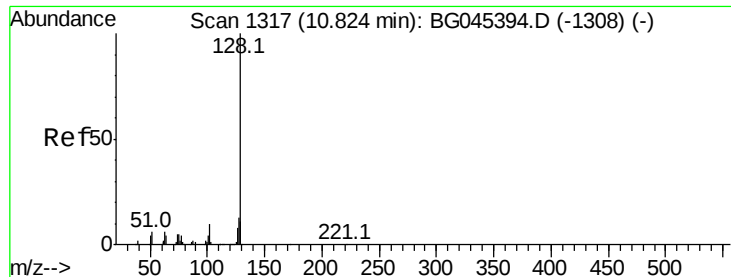
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	46.8	86.8
98	36.7	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.529 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.8	112.2
145	29.0	21.9	32.9

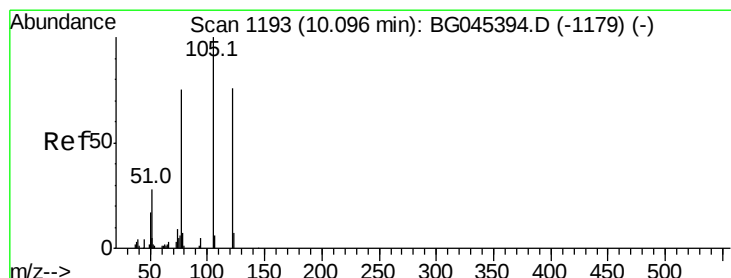
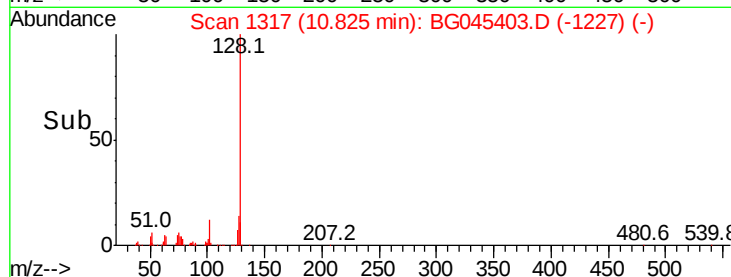
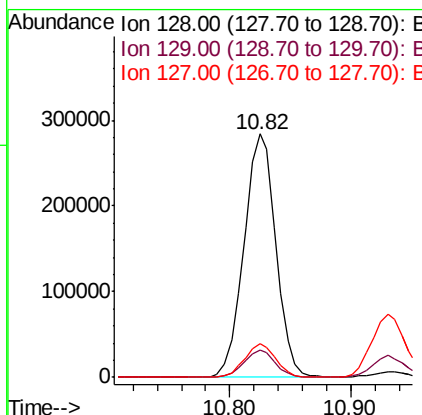
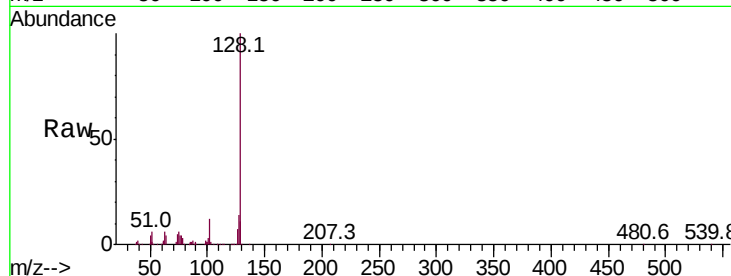




#31
Naphthalene
Concen: 44.912 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

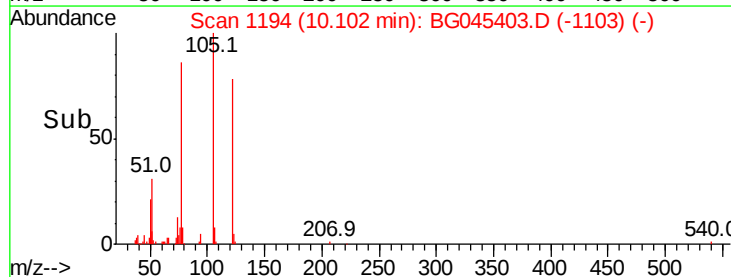
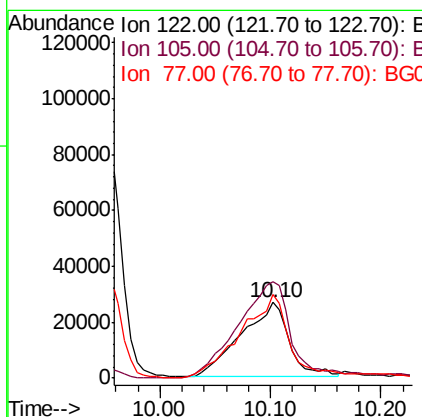
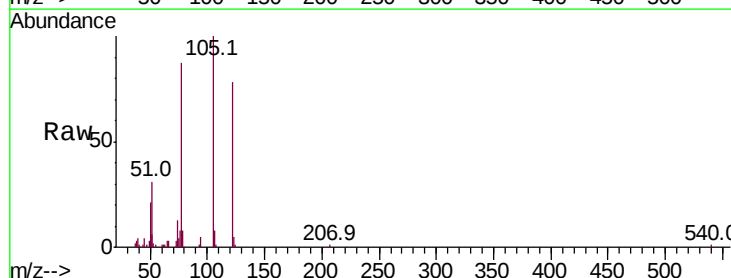
Instrument :
BNA_G
ClientSampleId :
PB128906BS

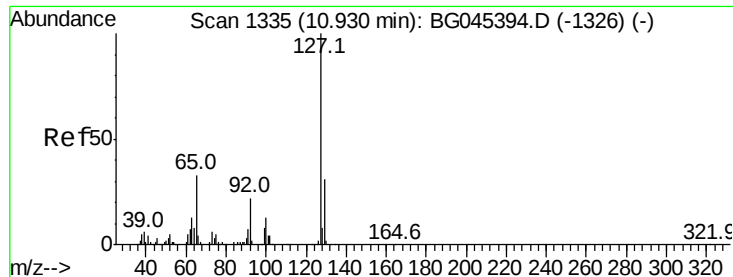
Tot Ion:128 Resp: 521644
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.1 10.7 16.1



#32
Benzoic acid
Concen: 40.093 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:122 Resp: 80314
Ion Ratio Lower Upper
122 100
105 128.5 107.9 147.9
77 111.4 78.9 118.9

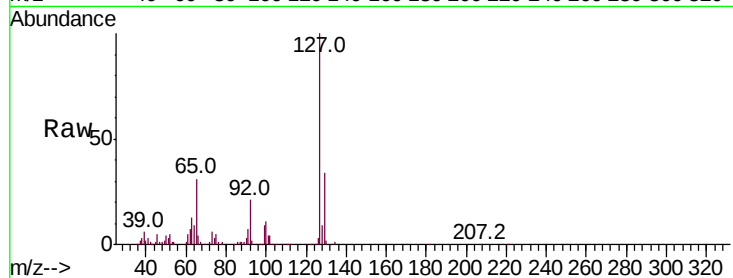




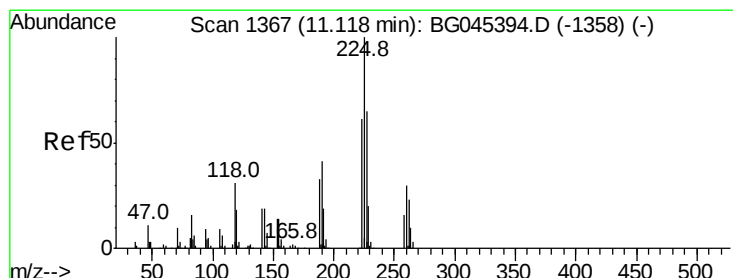
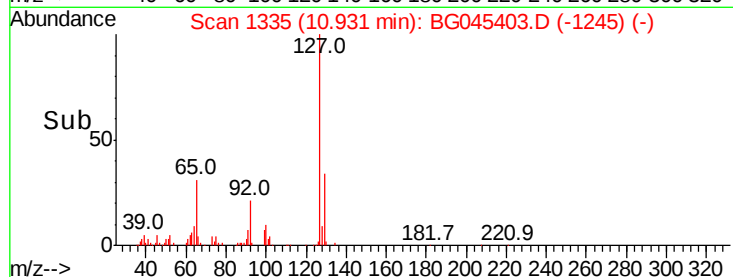
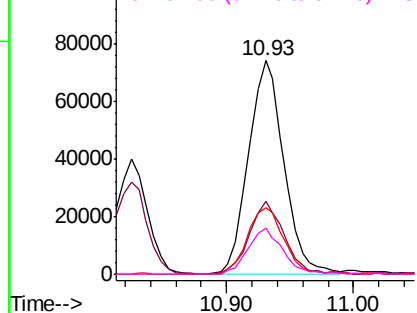
#33
4-Chloroaniline
Concen: 29.578 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:	127	Resp:	143603
Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.7	37.1
65	31.3	26.2	39.2
92	21.3	17.9	26.9

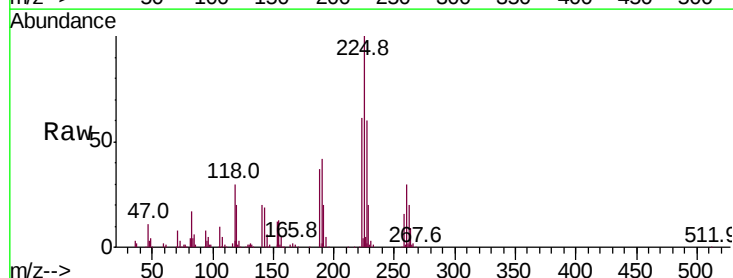


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

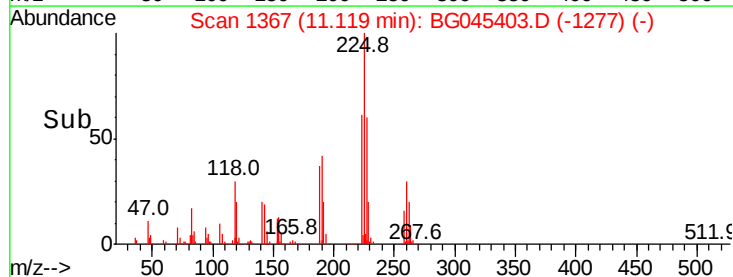
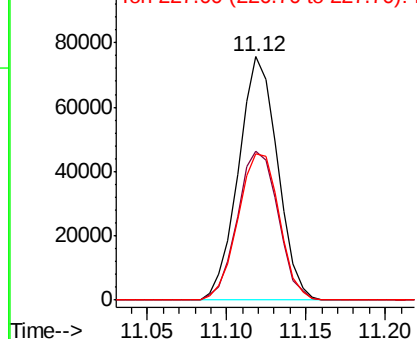


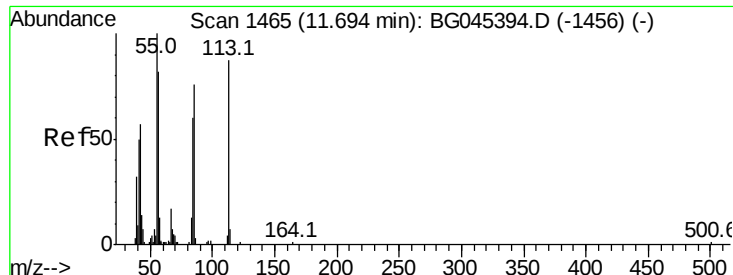
#34
Hexachlorobutadiene
Concen: 42.206 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:	225	Resp:	129346
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.1	73.7
227	60.2	52.0	78.0



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





#35

Caprolactam

Concen: 22.604 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.06 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

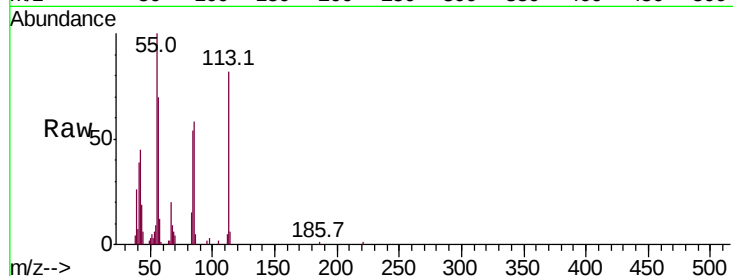
Tot Ion:113 Resp: 30441

Ion Ratio Lower Upper

113 100

55 122.0 96.0 136.0

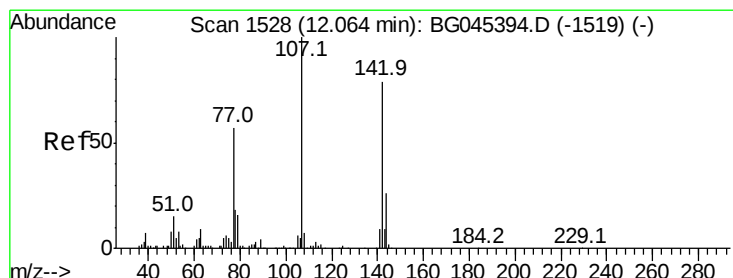
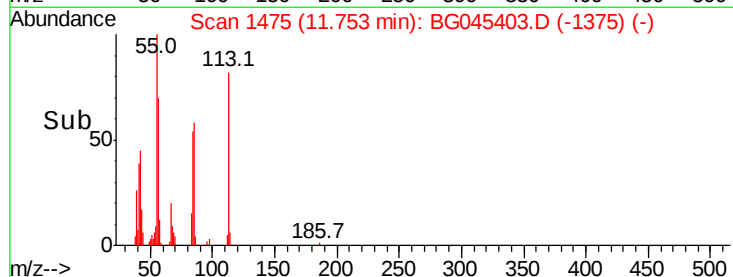
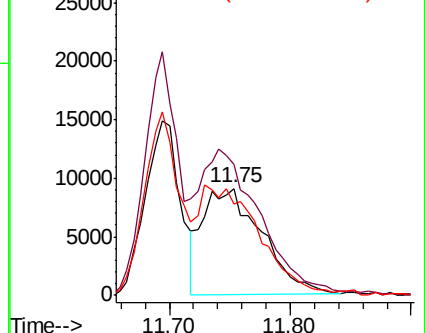
56 85.4 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.014 ng

RT: 12.06 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

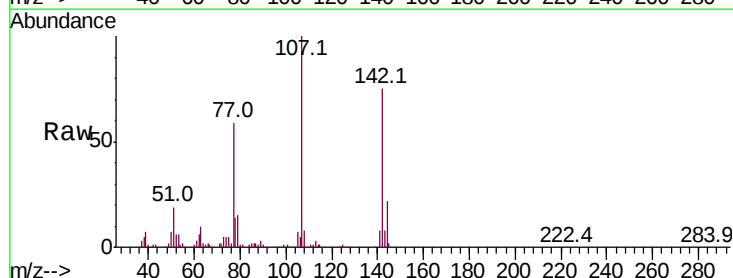
Tgt Ion:107 Resp: 198509

Ion Ratio Lower Upper

107 100

144 22.3 20.8 31.2

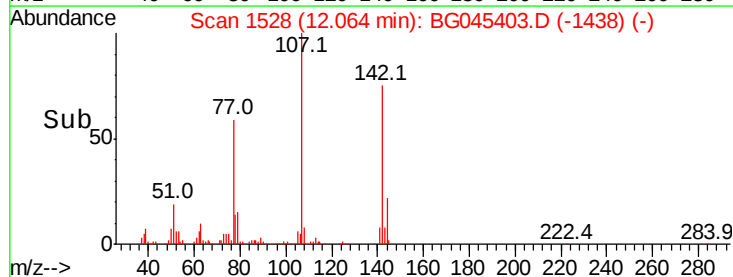
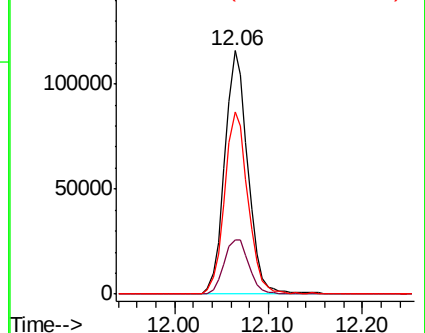
142 74.9 62.8 94.2

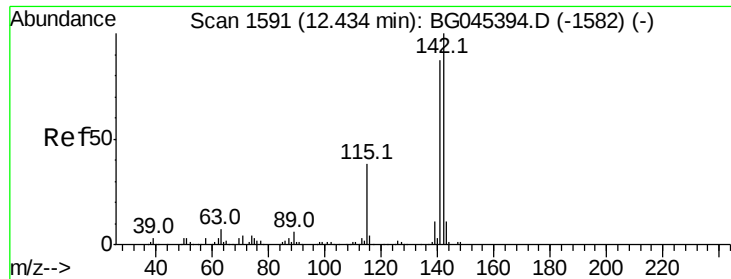


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.955 ng

RT: 12.43 min Scan# 1591

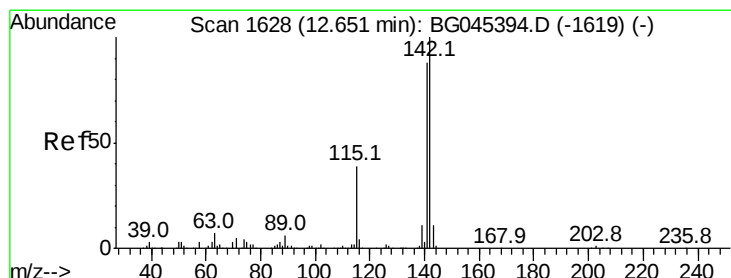
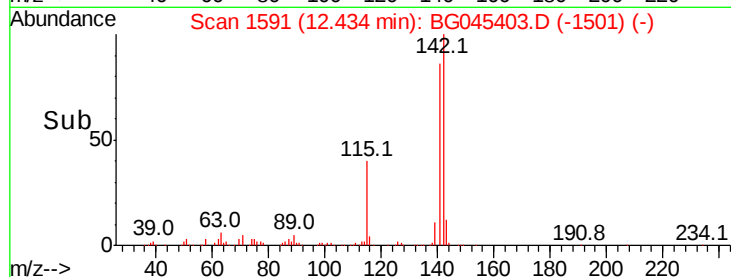
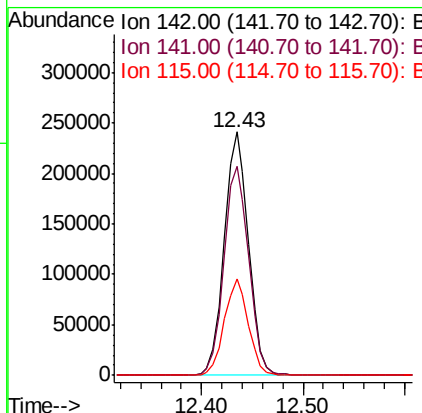
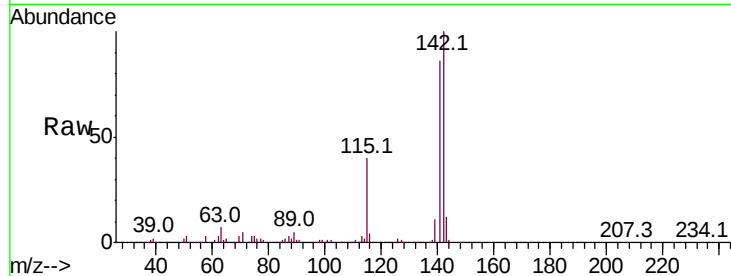
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.0	105.0
115	39.5	30.8	46.2



#38

1-Methylnaphthalene

Concen: 45.536 ng

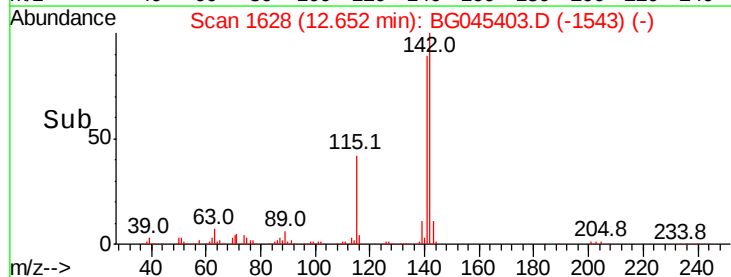
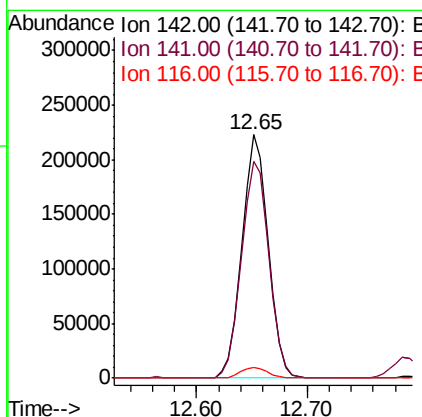
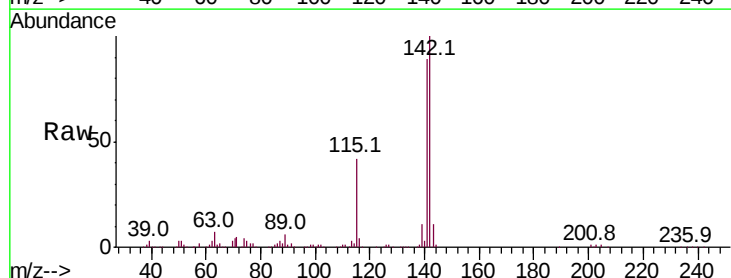
RT: 12.65 min Scan# 1628

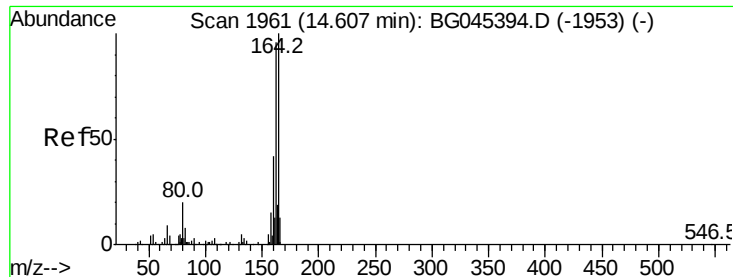
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

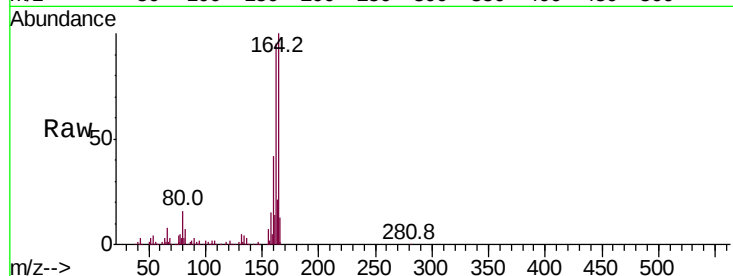
Tot Ion:164 Resp: 176744

Ion Ratio Lower Upper

164 100

162 95.1 76.9 115.3

160 42.2 33.8 50.8

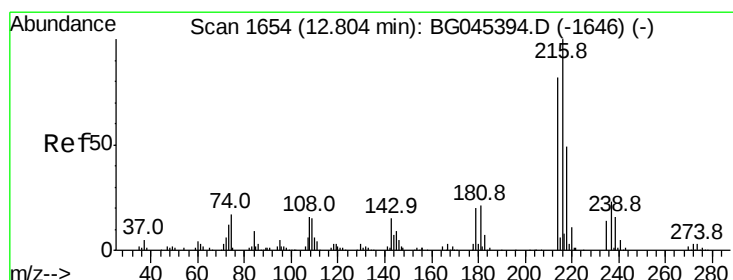
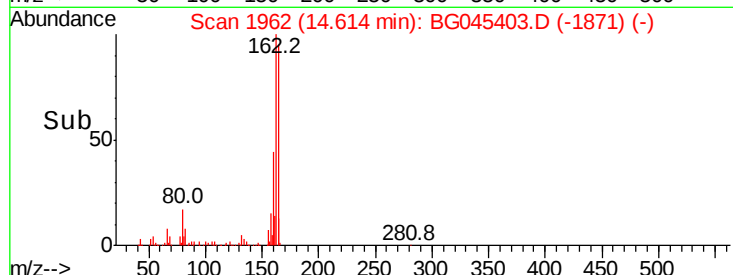
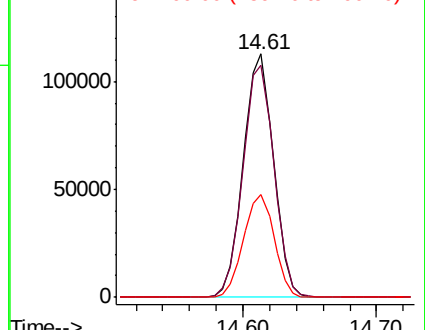


Abundance

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: 44.314 ng

RT: 12.80 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:216 Resp: 218766

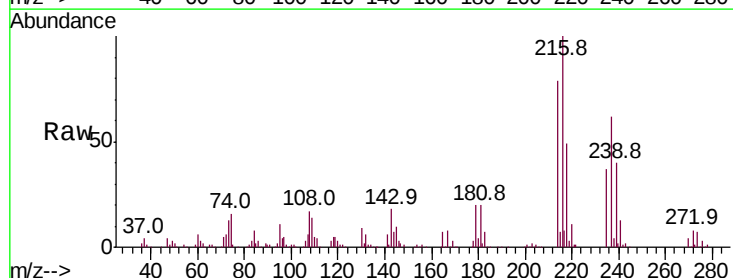
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.2 16.1 24.1

108 19.7 13.8 20.6



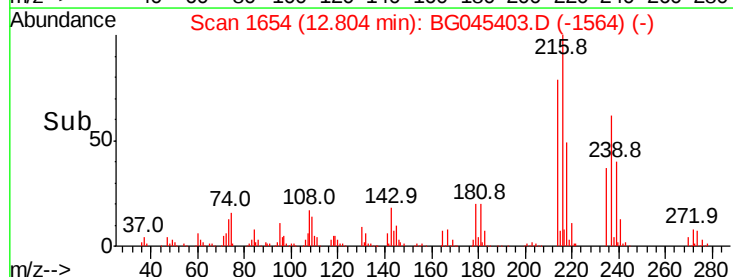
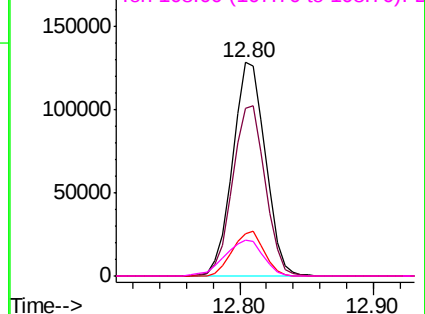
Abundance

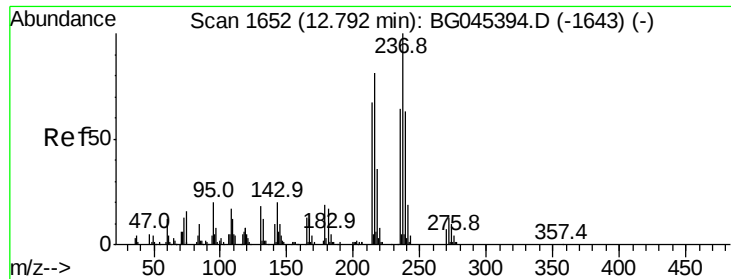
Ion 216.00 (215.70 to 216.70): E

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: 101.894 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

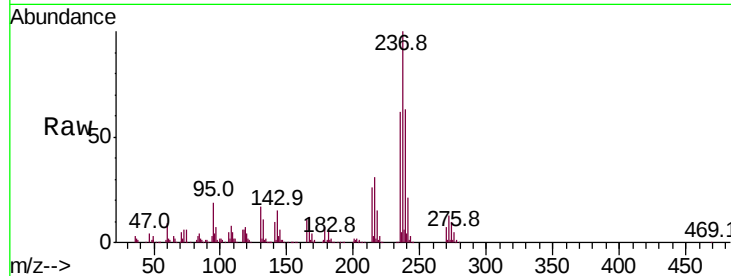
Tot Ion:237 Resp: 290337

Ion Ratio Lower Upper

237 100

235 61.7 44.4 84.4

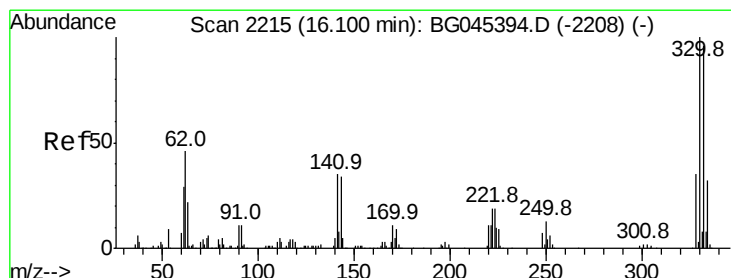
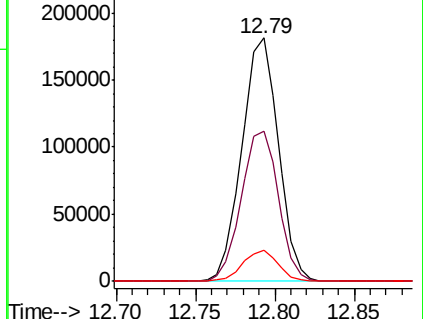
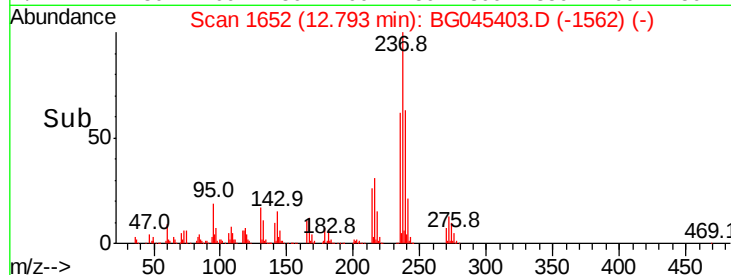
272 12.9 0.0 32.5



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: 133.243 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

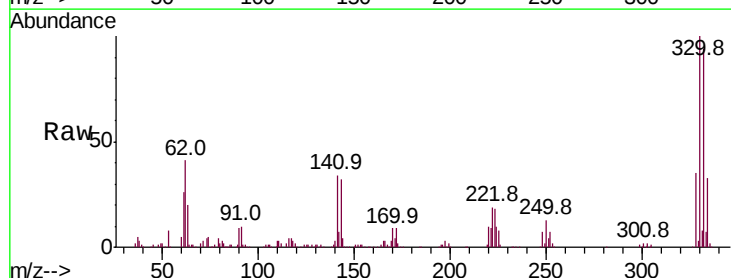
Tgt Ion:330 Resp: 301176

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

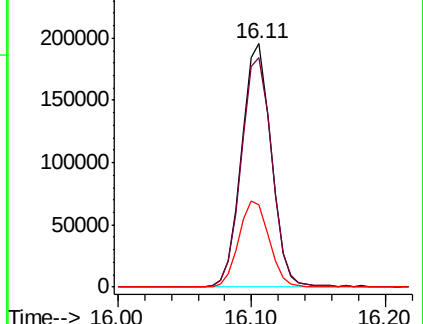
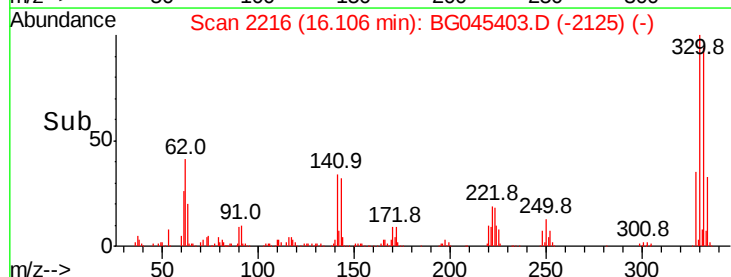
141 36.4 28.2 42.4

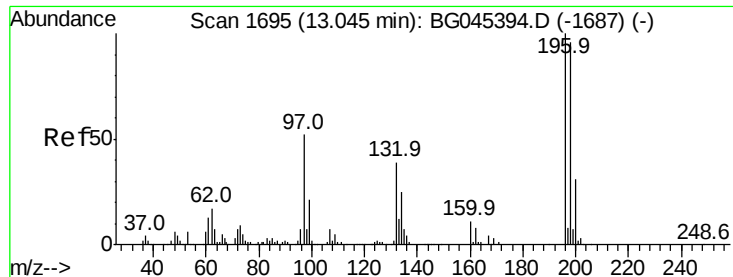


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

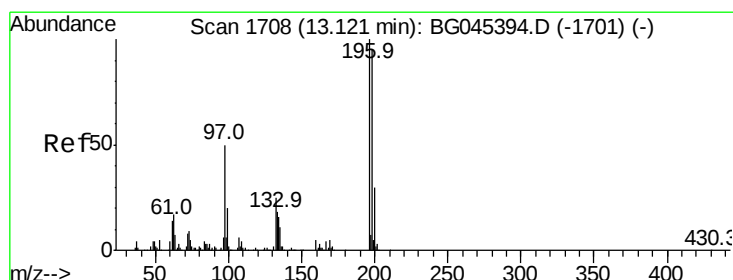
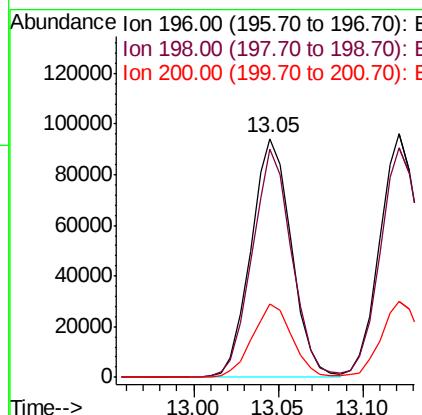
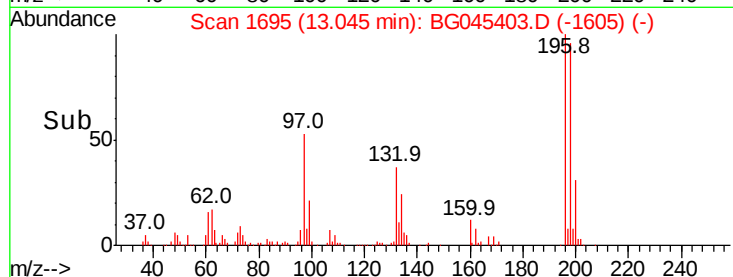
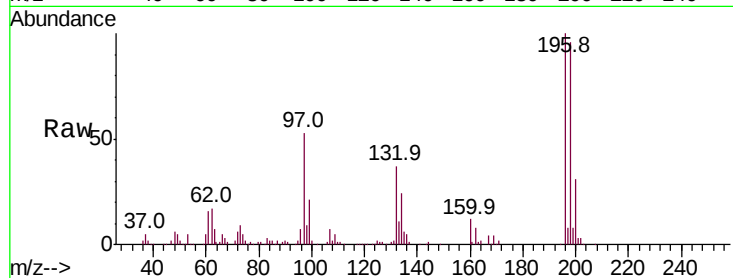




#43
 2,4,6-Trichlorophenol
 Concen: 45.445 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

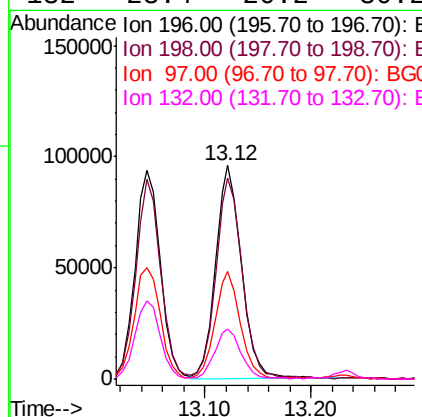
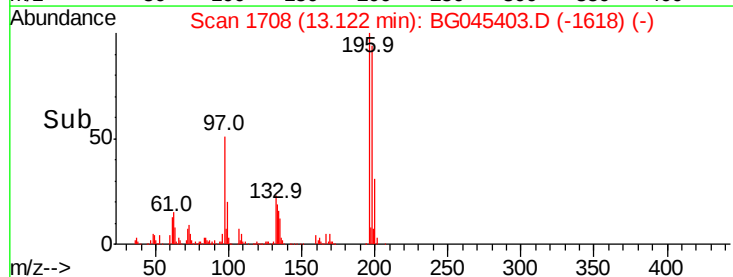
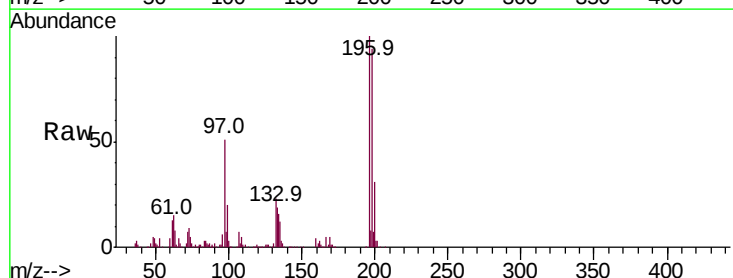
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

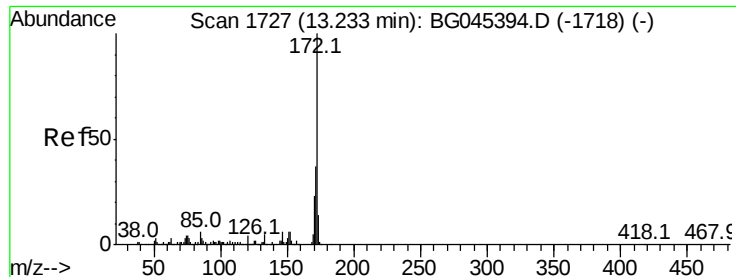
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.7	115.1
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.989 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.1	114.1
97	50.5	40.0	60.0
132	23.4	20.2	30.2

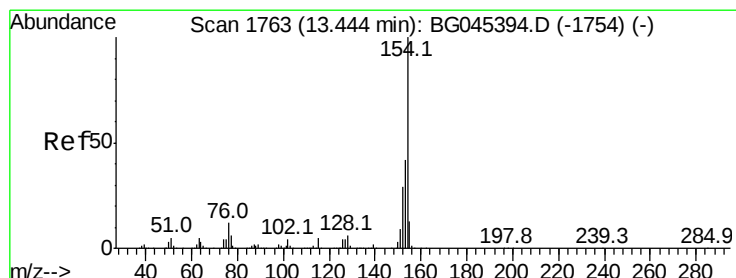
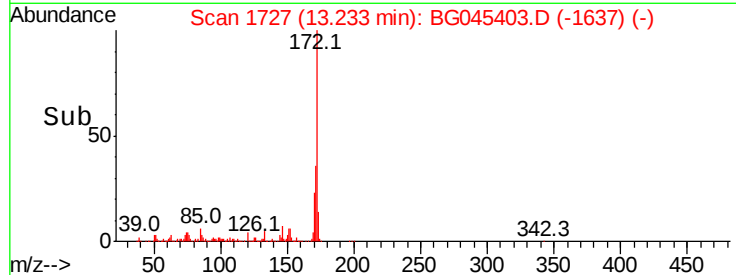
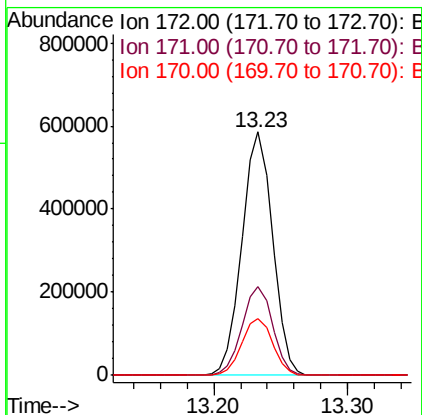
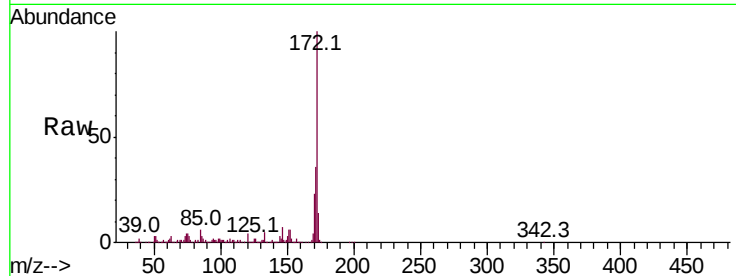




#45
2-Fluorobiphenyl
Concen: 89.226 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

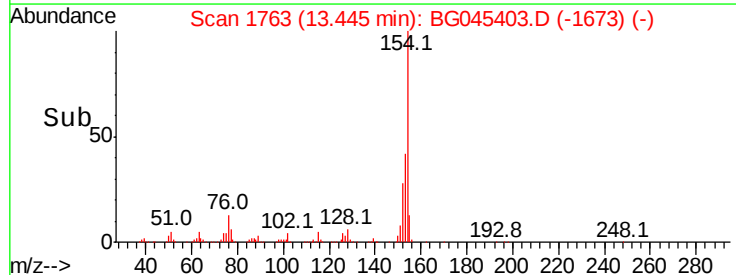
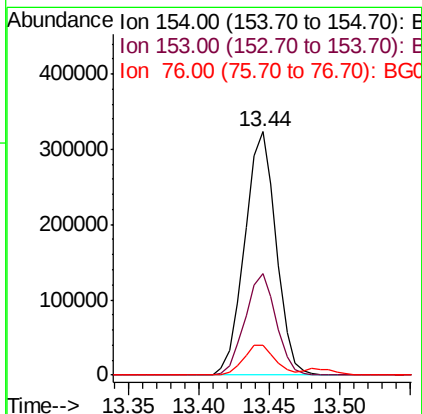
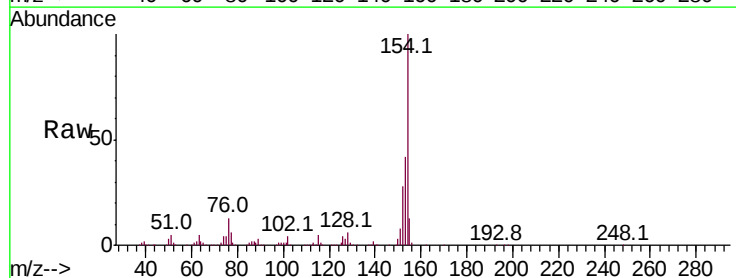
Instrument :
BNA_G
ClientSampleId :
PB128906BS

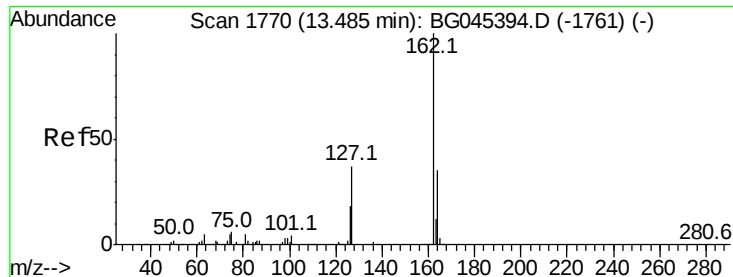
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	23.3	18.5	27.7



#46
1,1'-Biphenyl
Concen: 46.522 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.5	0.0	32.4

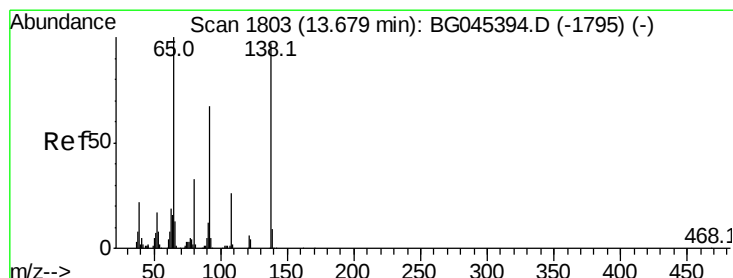
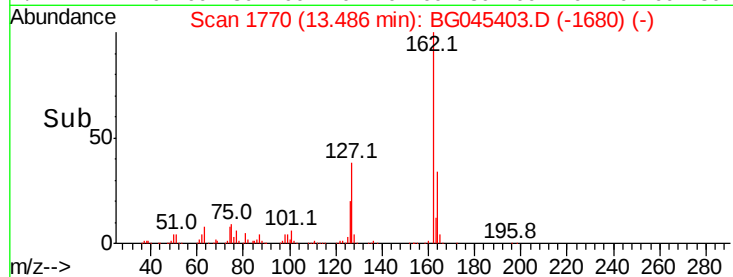
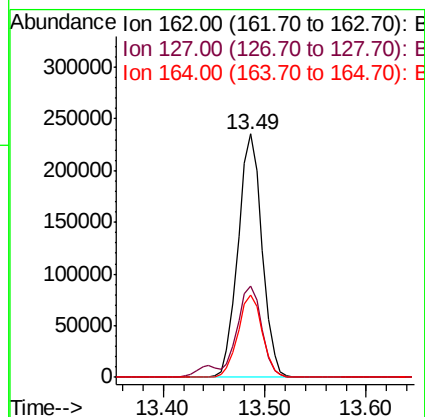
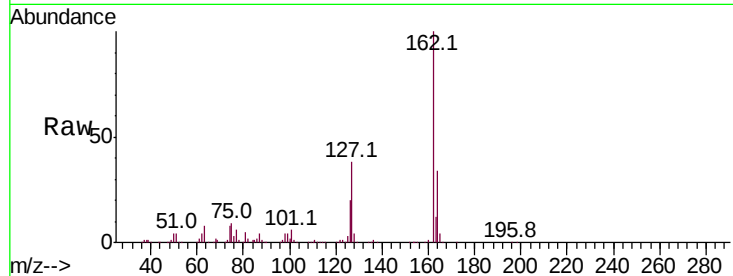




#47
2-Chloronaphthalene
Concen: 43.810 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

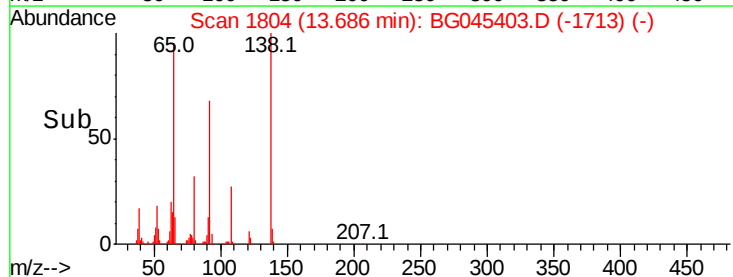
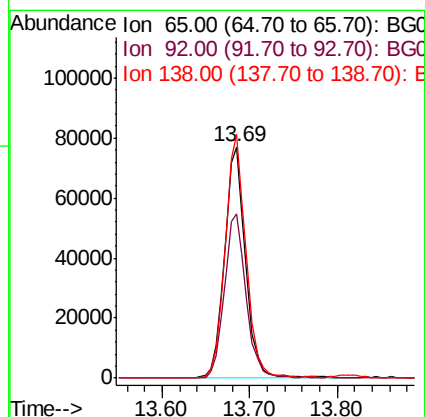
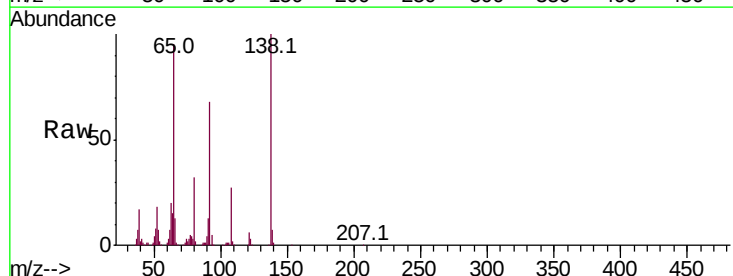
Instrument :
BNA_G
ClientSampleId :
PB128906BS

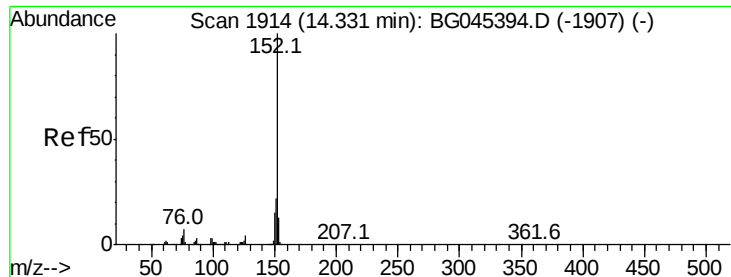
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.6	47.4
164	34.1	28.1	42.1



#48
2-Nitroaniline
Concen: 43.979 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.8	80.8
138	105.3	77.9	116.9





#49

Acenaphthylene

Concen: 45.304 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

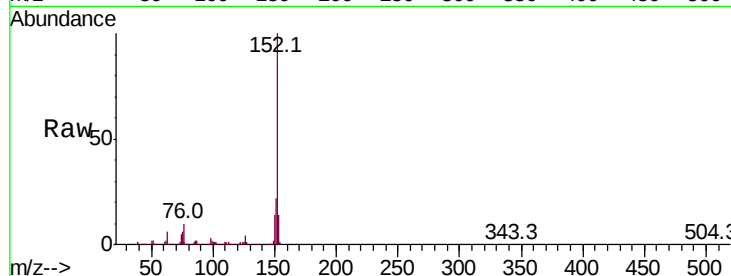
Tot Ion:152 Resp: 641740

Ion Ratio Lower Upper

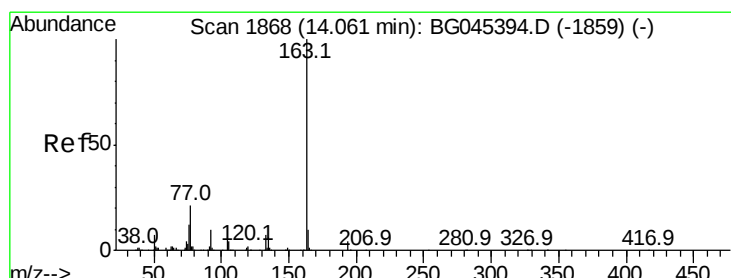
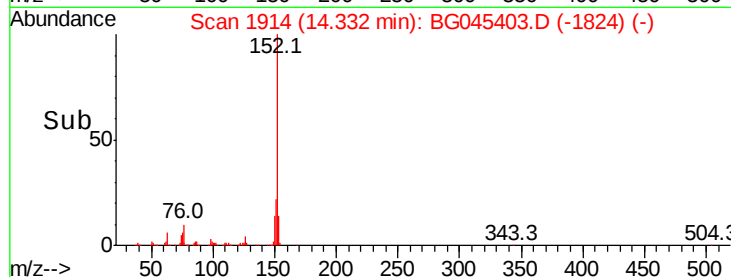
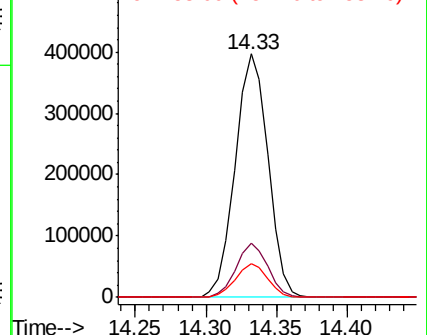
152 100

151 22.2 17.4 26.2

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.694 ng

RT: 14.07 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

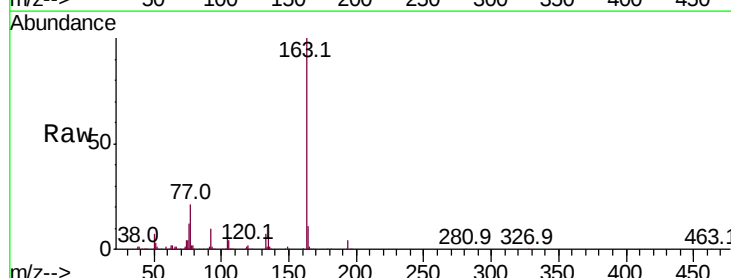
Tgt Ion:163 Resp: 529773

Ion Ratio Lower Upper

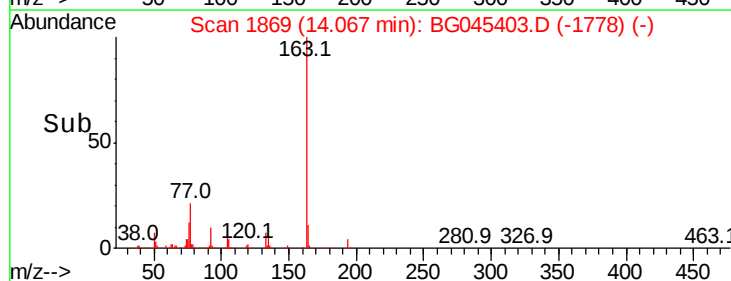
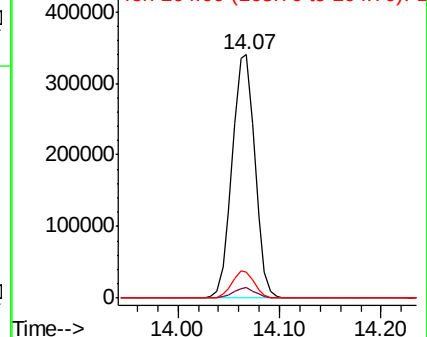
163 100

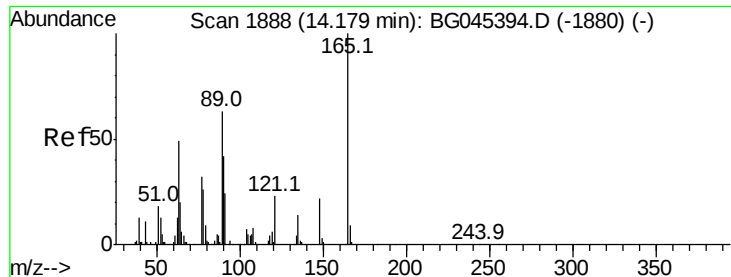
194 4.4 3.2 4.8

164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

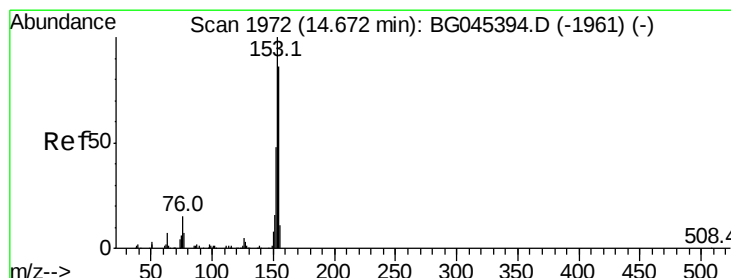
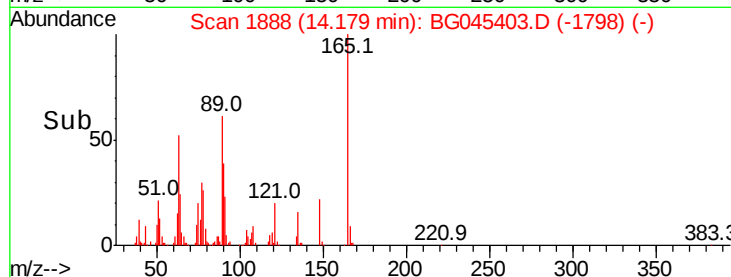
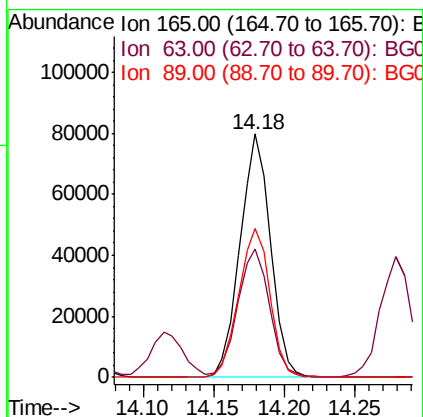
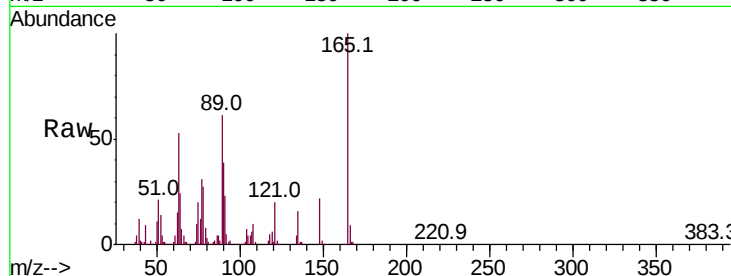




#51
 2,6-Dinitrotoluene
 Concen: 43.991 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

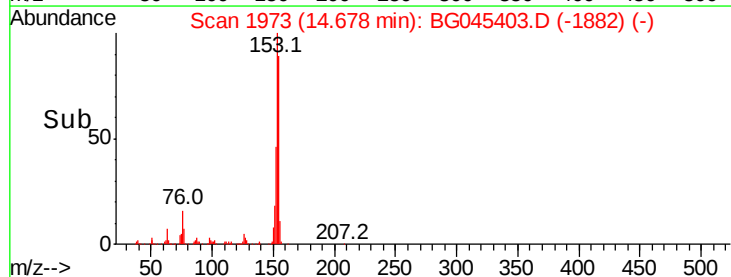
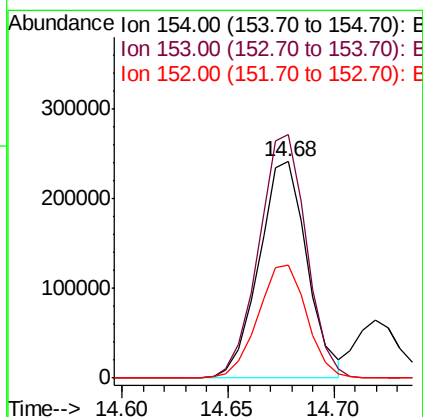
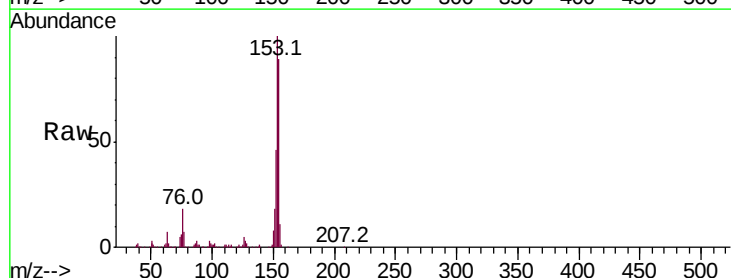
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

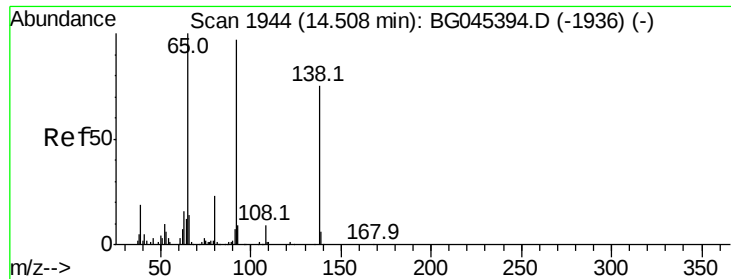
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	45.0	67.4
89	61.3	50.2	75.4



#52
 Acenaphthene
 Concen: 40.325 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.8	139.2
152	52.3	44.6	66.8

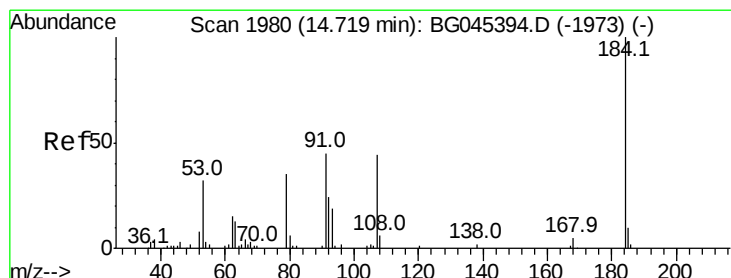
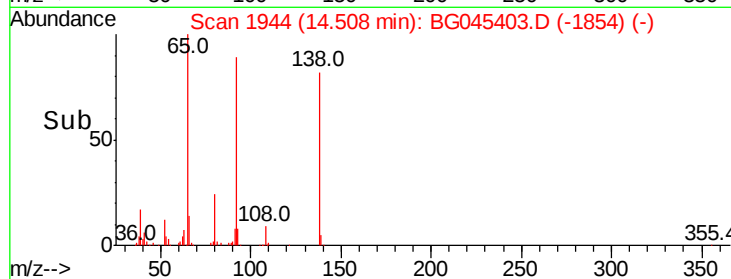
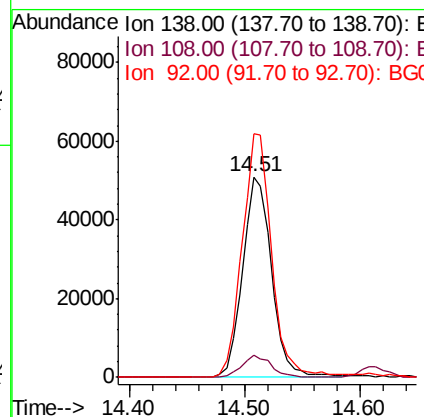
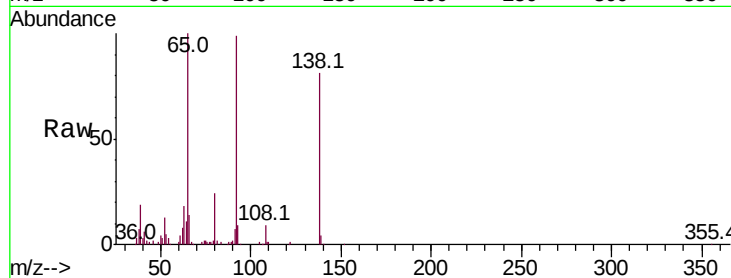




#53
3-Nitroaniline
Concen: 31.827 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

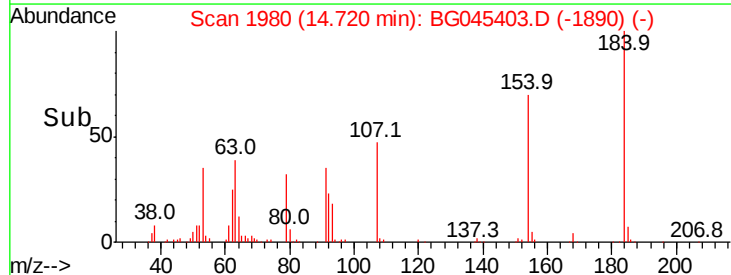
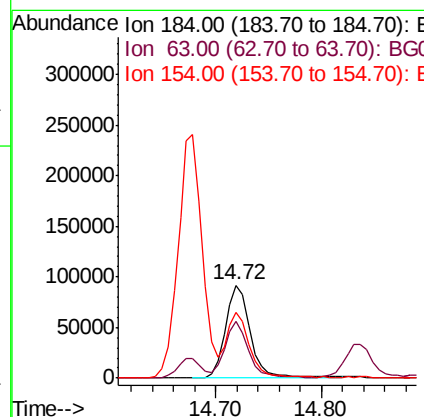
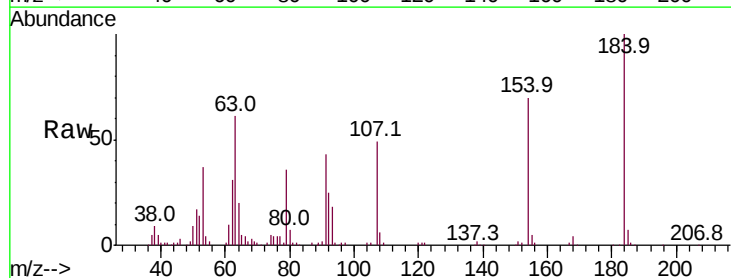
Instrument :
BNA_G
ClientSampleId :
PB128906BS

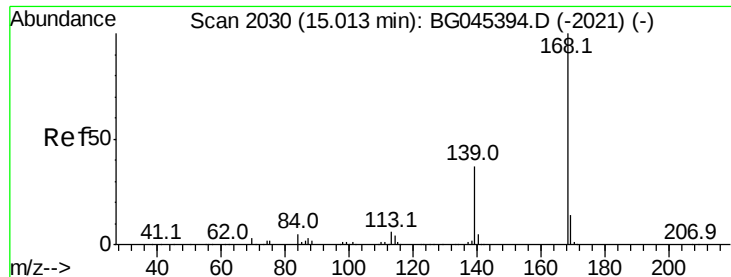
Tot Ion:138 Resp: 88516
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 121.6 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 84.118 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:184 Resp: 151297
Ion Ratio Lower Upper
184 100
63 60.8 47.8 71.6
154 70.0 58.3 87.5





#55

Dibenzofuran

Concen: 43.926 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

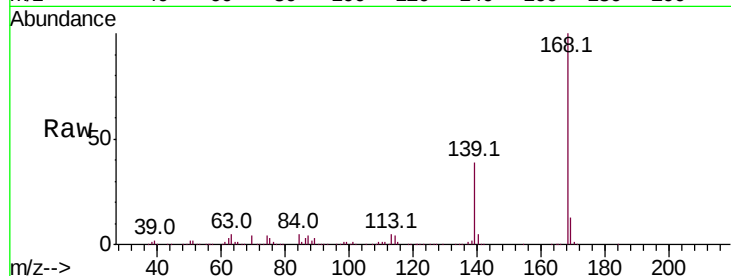
Tot Ion:168 Resp: 618521

Ion Ratio Lower Upper

168 100

139 39.2 29.9 44.9

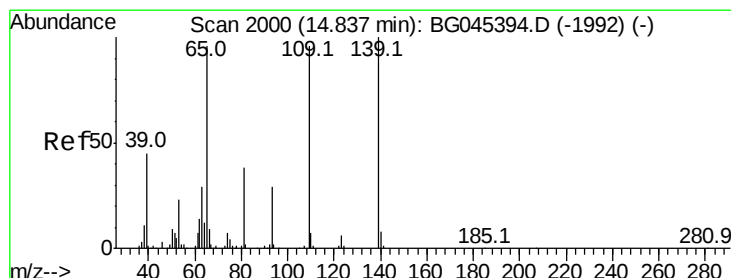
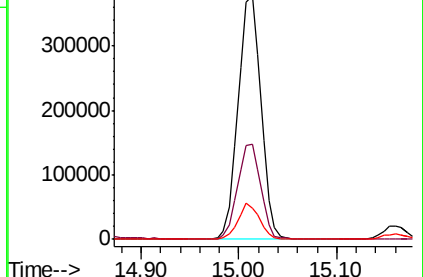
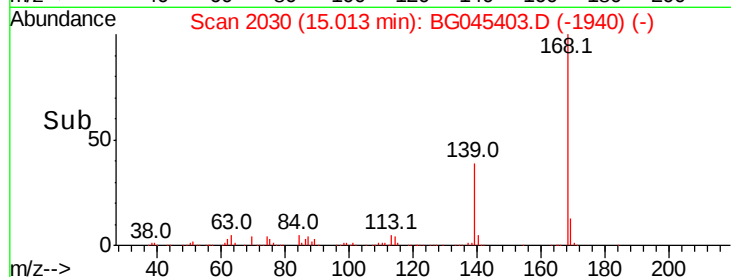
169 13.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.814 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

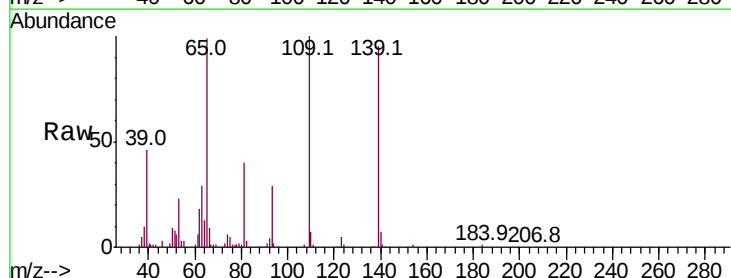
Tgt Ion:139 Resp: 193324

Ion Ratio Lower Upper

139 100

109 104.8 75.6 115.6

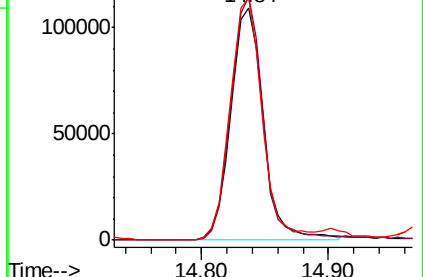
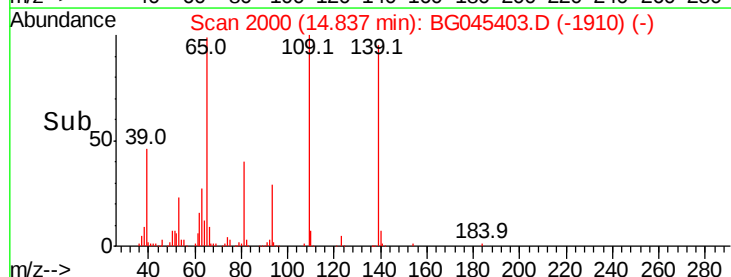
65 104.3 76.8 116.8

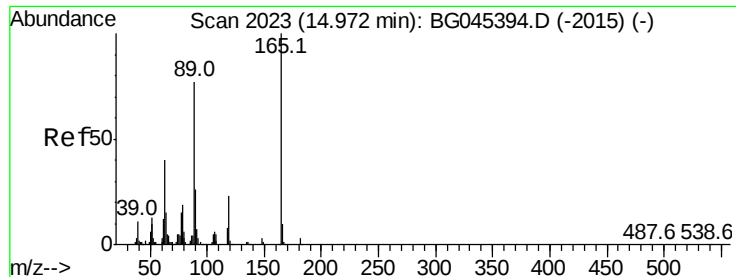


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

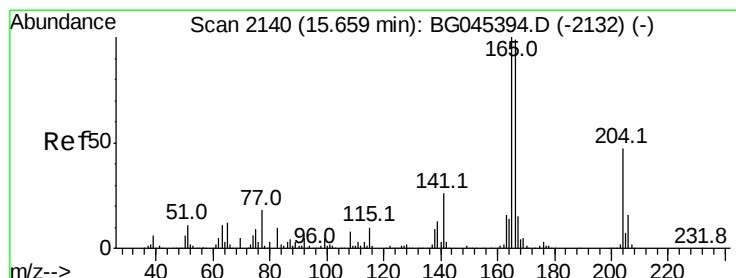
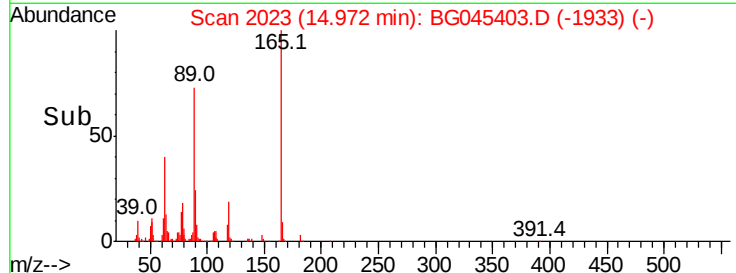
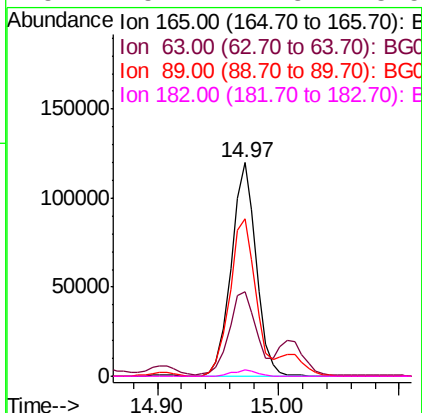
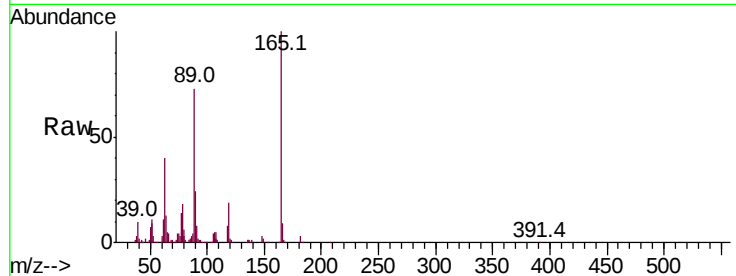




#57
 2,4-Dinitrotoluene
 Concen: 43.518 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

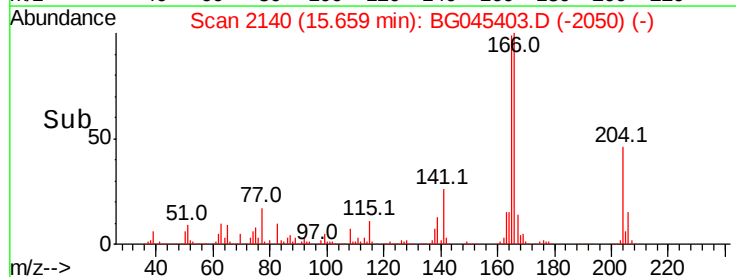
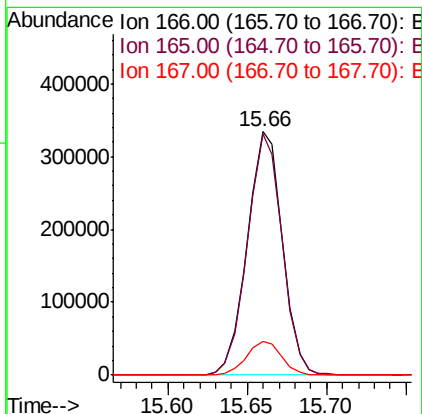
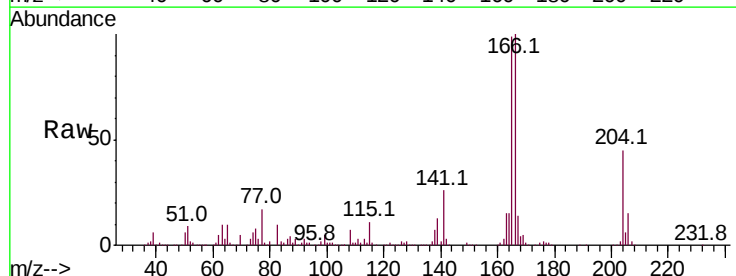
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

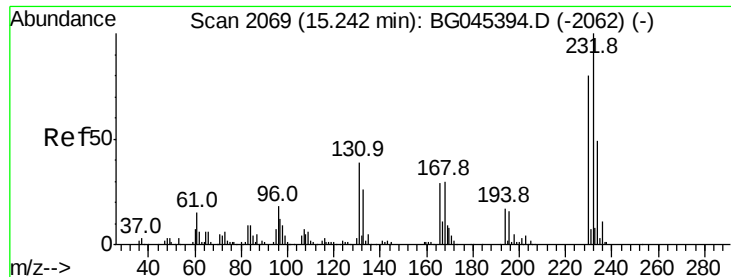
Tot Ion:	165	Resp:	172431
Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.5	48.7
89	73.5	61.8	92.6
182	3.1	2.3	3.5



#58
 Fluorene
 Concen: 44.447 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:	166	Resp:	514167
Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.8	121.2
167	13.9	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.175 ng

RT: 15.24 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleID :

PB128906BS

Tot Ion:232 Resp: 155750

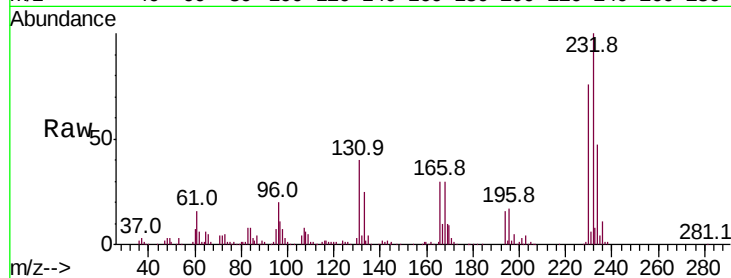
Ion Ratio Lower Upper

232 100

131 41.3 33.7 50.5

130 2.7 2.1 3.1

166 30.9 23.2 34.8

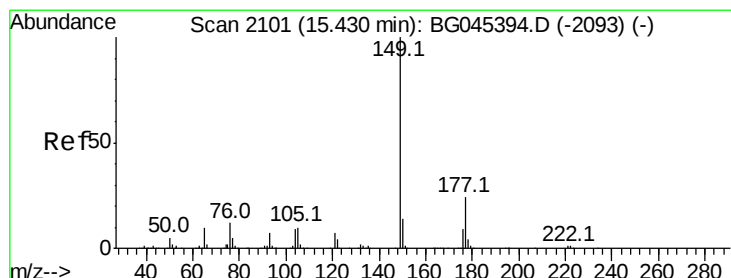
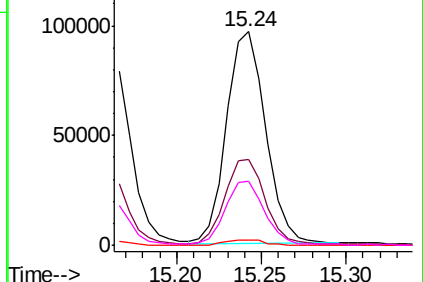
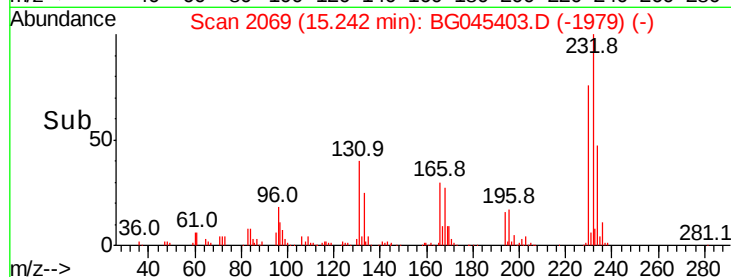


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.973 ng

RT: 15.43 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

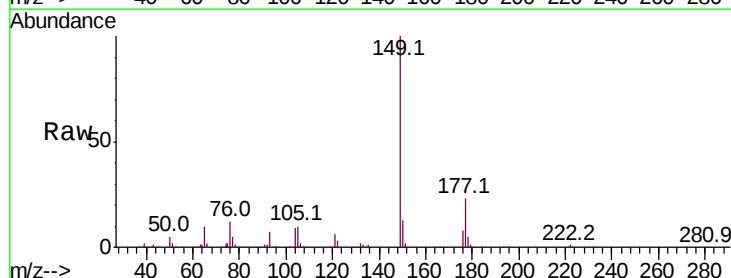
Tgt Ion:149 Resp: 554928

Ion Ratio Lower Upper

149 100

177 23.4 19.0 28.4

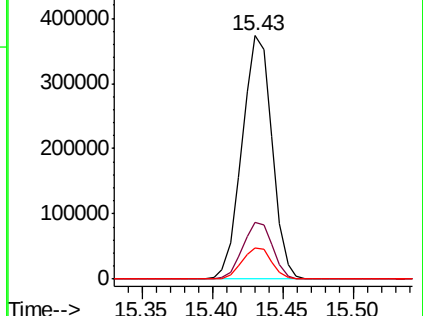
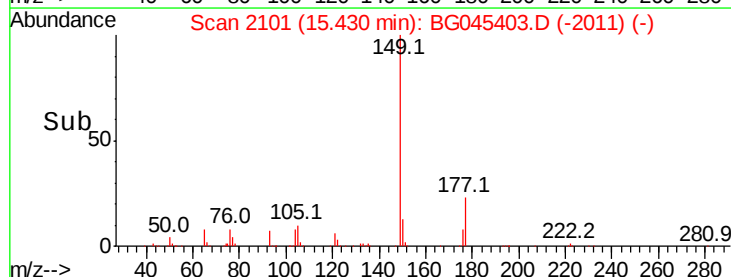
150 12.6 11.4 17.0

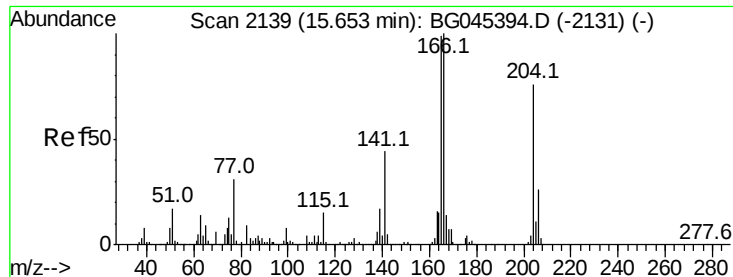


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

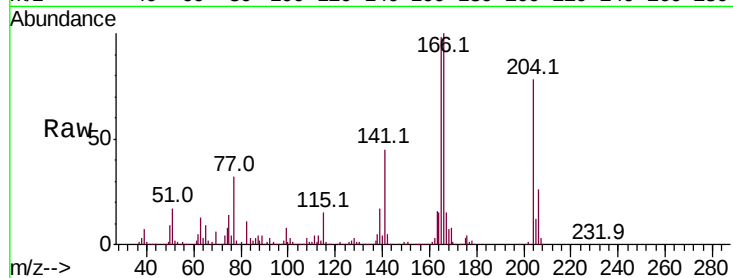




#61
4-Chlorophenyl-phenylether
Concen: 42.696 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampled :
PB128906BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.3	40.9
141	58.2	45.9	68.9

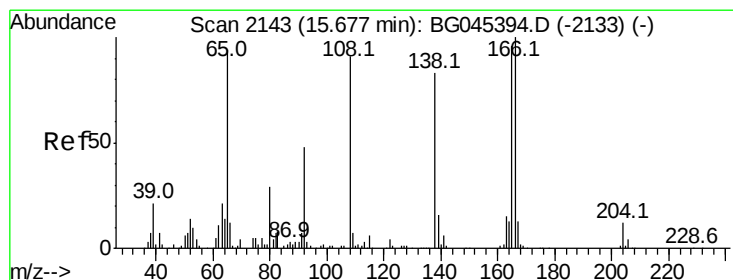
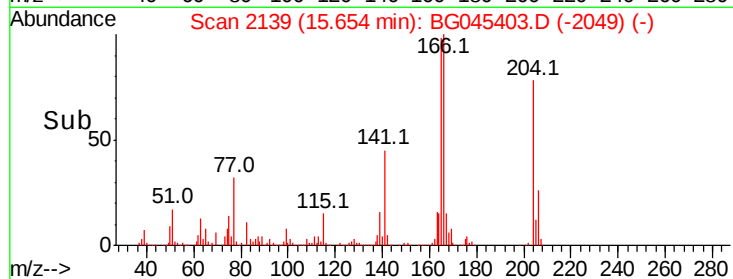
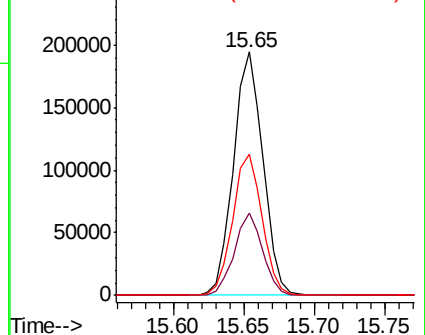


Abundance

Ion 204.00 (203.70 to 204.70): E

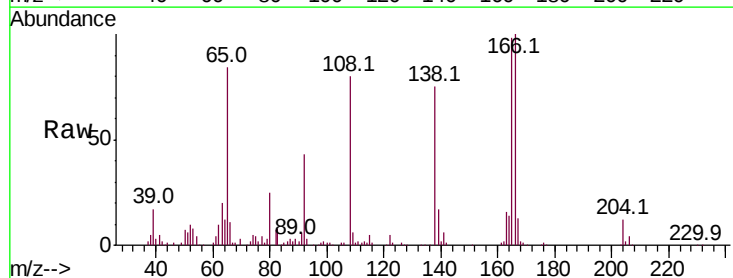
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.324 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	38.0	78.0
108	107.0	89.3	129.3

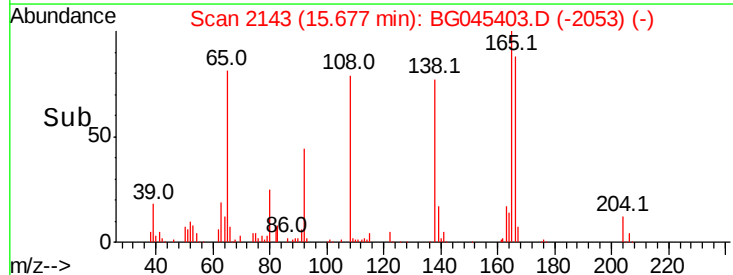
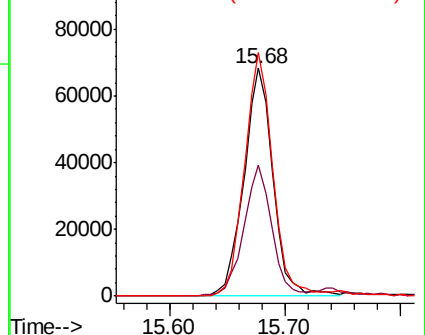


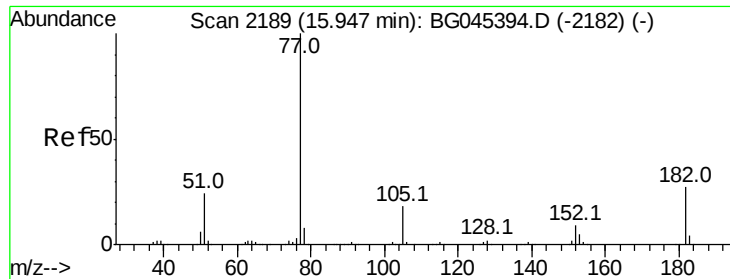
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.284 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

Tot Ion: 77 Resp: 521094

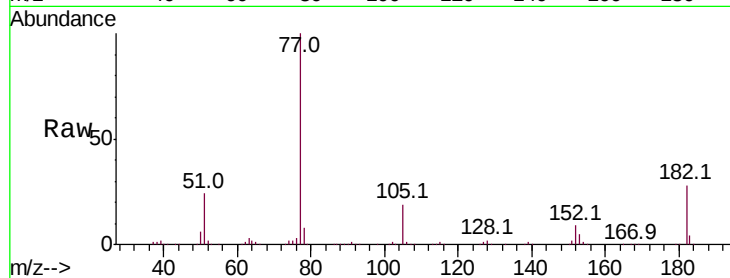
Ion Ratio Lower Upper

77 100

182 27.5 6.5 46.5

105 18.9 0.0 37.9

51 23.9 4.1 44.1

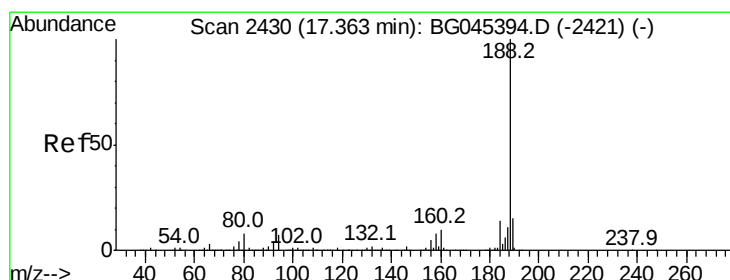
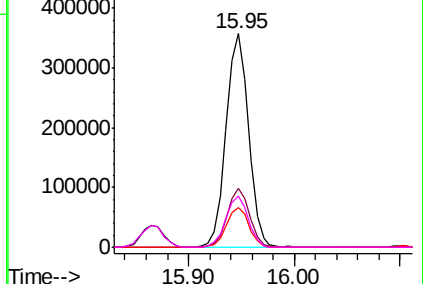
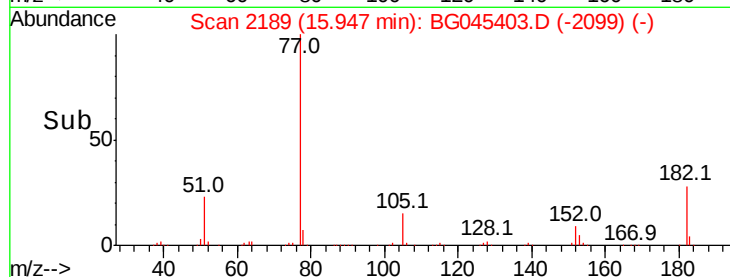


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

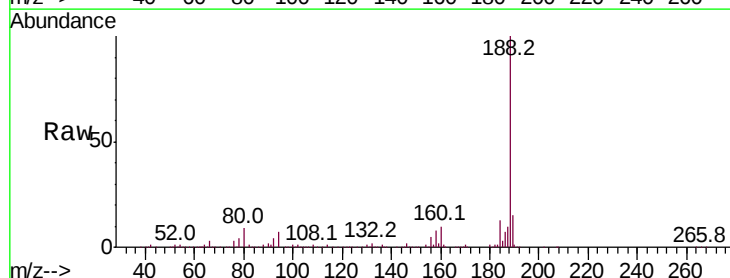
Tgt Ion: 188 Resp: 422879

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

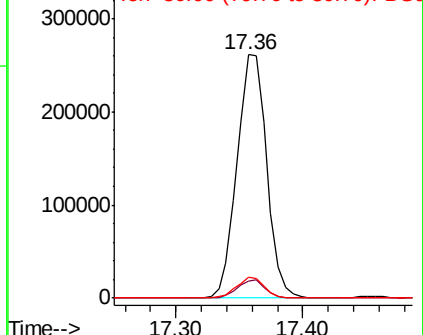
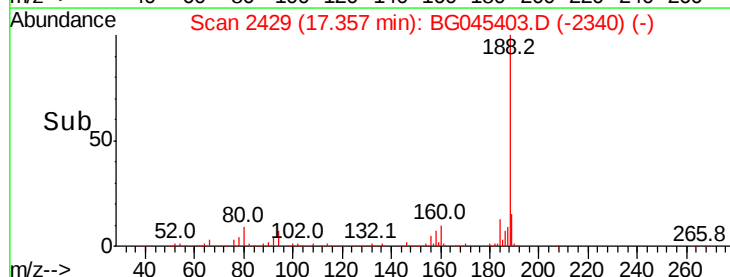
80 8.6 6.6 10.0

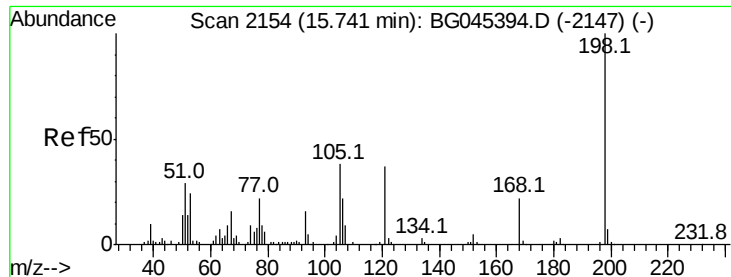


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

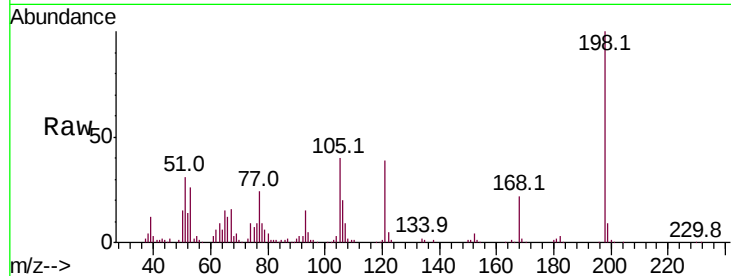




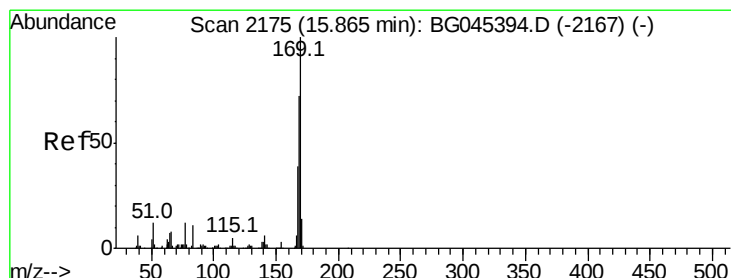
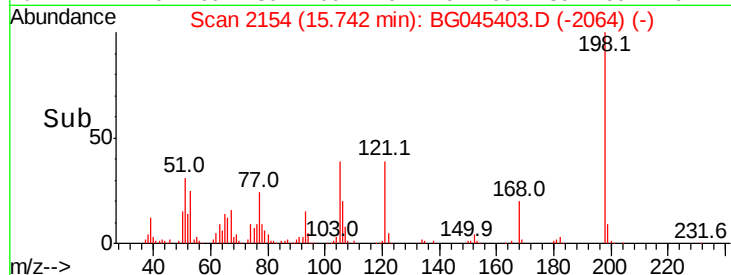
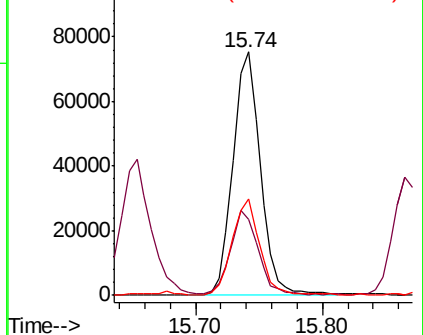
#65
4,6-Dinitro-2-methylphenol
Concen: 45.825 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:198 Resp: 112859
Ion Ratio Lower Upper
198 100
51 31.0 10.0 50.0
105 39.6 18.9 58.9

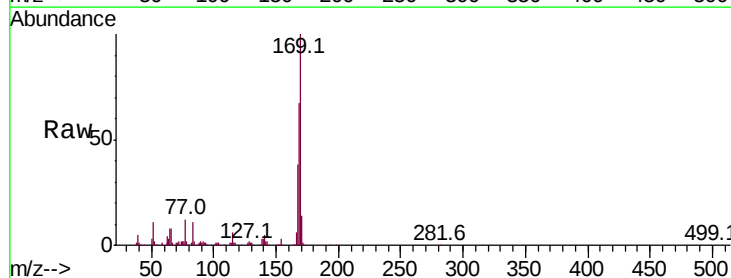


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

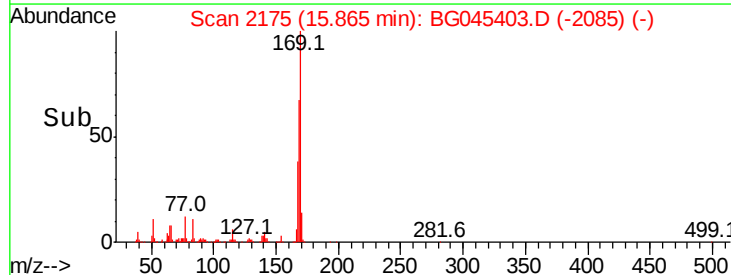
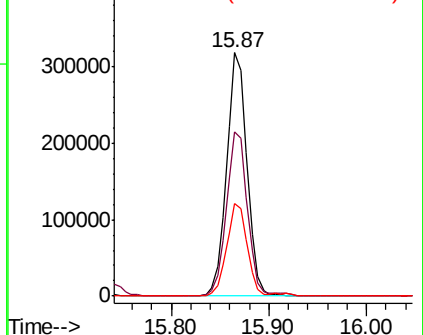


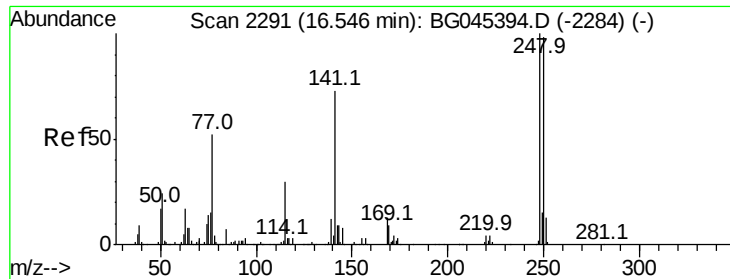
#66
n-Nitrosodiphenylamine
Concen: 45.200 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:169 Resp: 458928
Ion Ratio Lower Upper
169 100
168 67.3 57.8 86.6
167 38.0 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

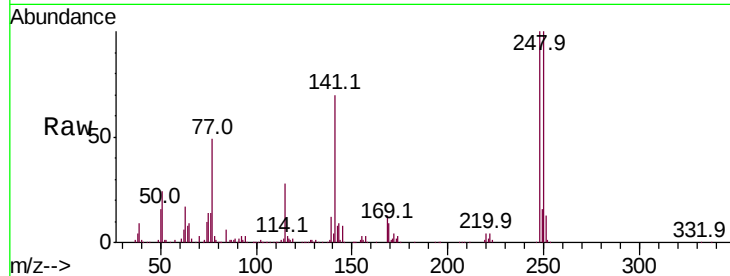




#67
4-Bromophenyl-phenylether
Concen: 42.630 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	69.8	58.2	87.2

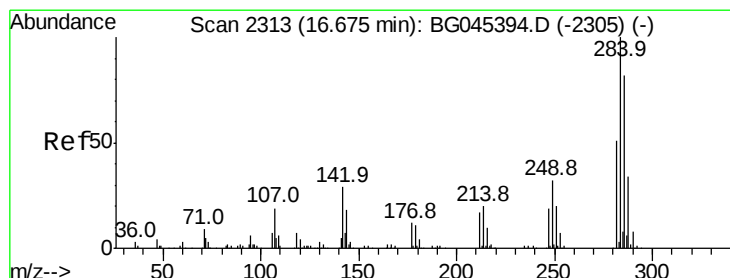
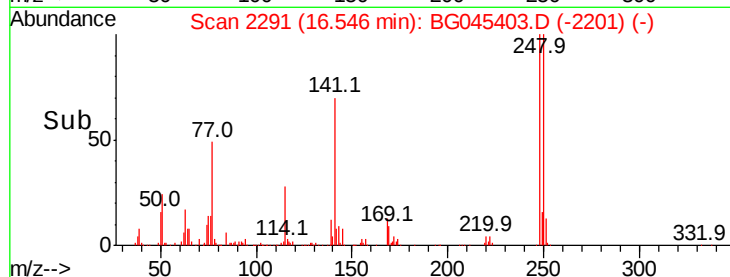
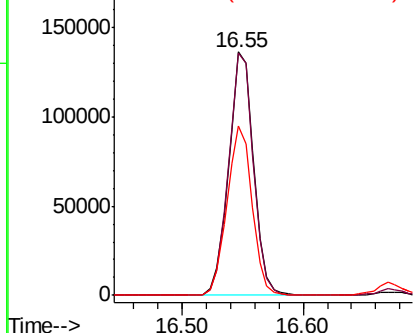


Abundance

Ion 248.00 (247.70 to 248.70): E

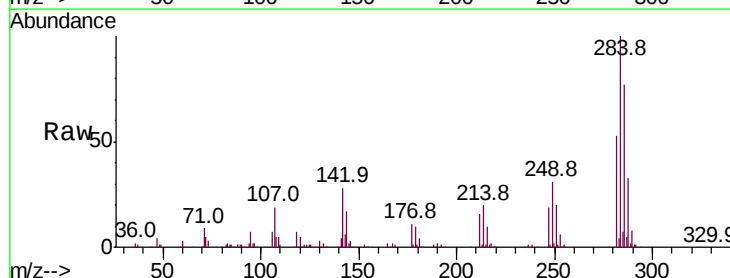
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.826 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.0	34.6
249	31.0	25.8	38.6

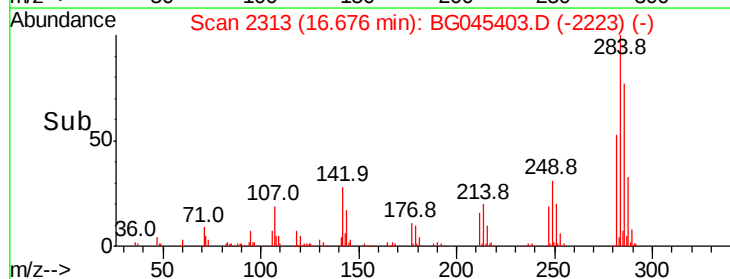
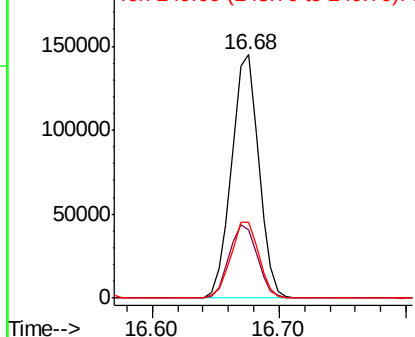


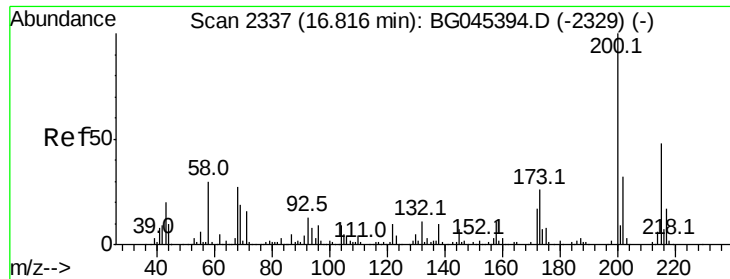
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.036 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

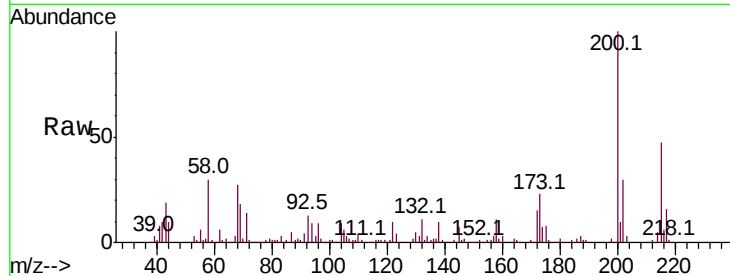
Tot Ion:200 Resp: 179978

Ion Ratio Lower Upper

200 100

173 23.3 5.5 45.5

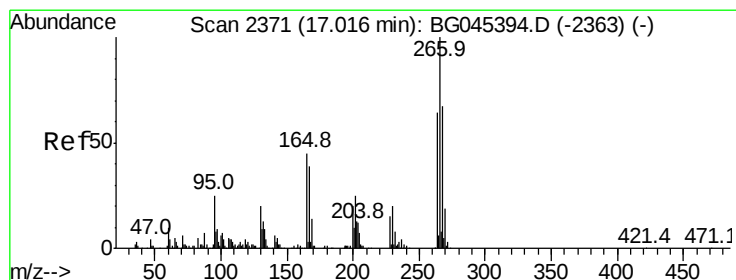
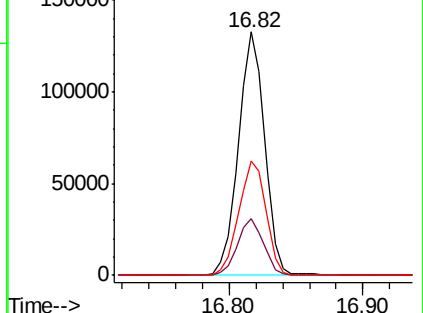
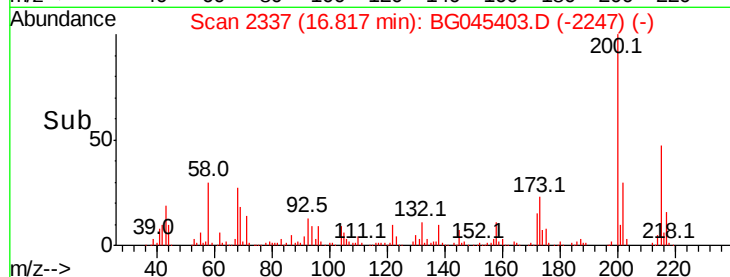
215 47.1 28.2 68.2



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: 97.440 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

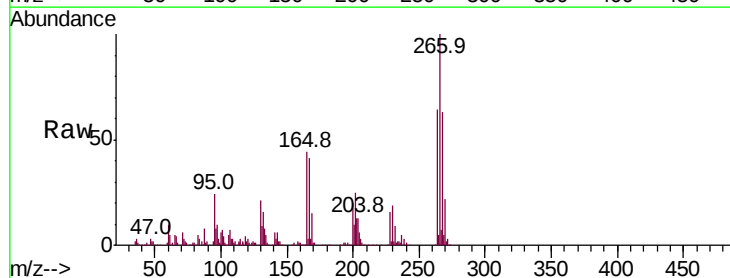
Tgt Ion:266 Resp: 242315

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

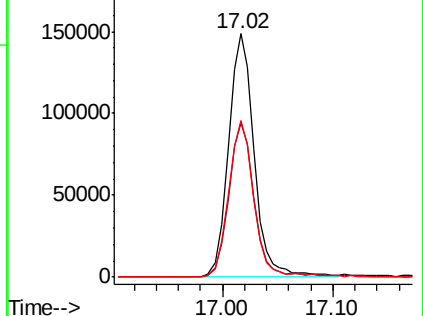
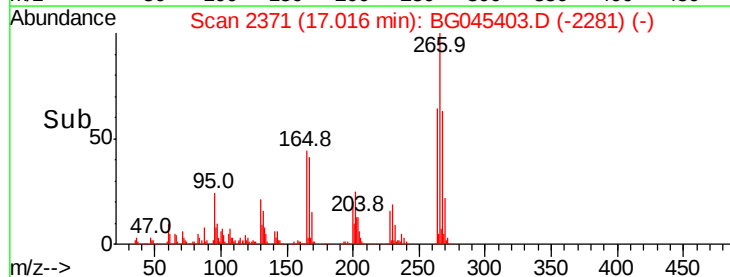
264 64.5 51.0 76.4

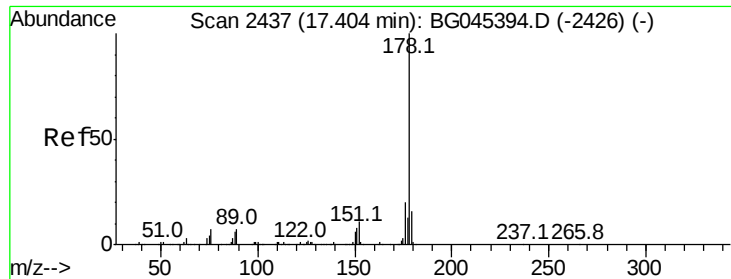


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

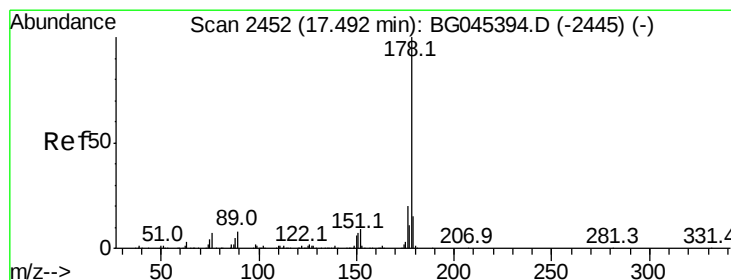
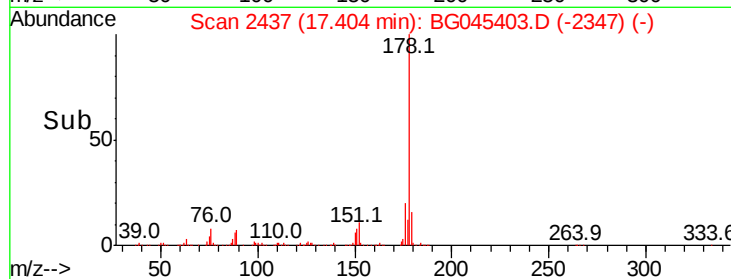
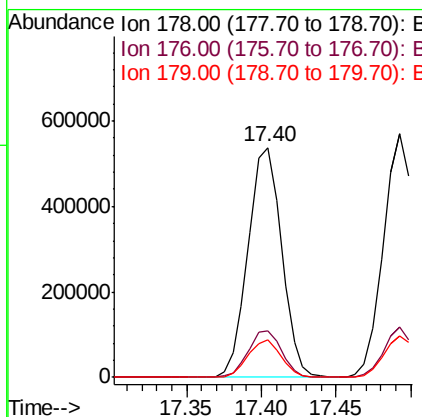
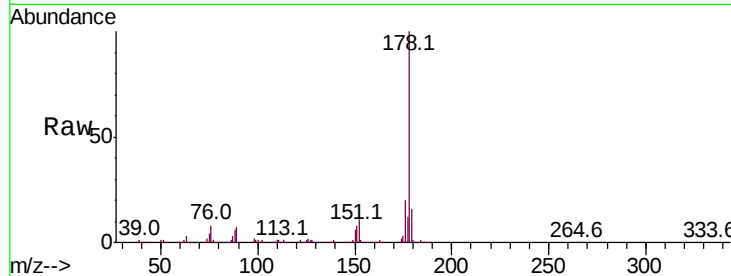




#71
 Phenanthrene
 Concen: 45.426 ng
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

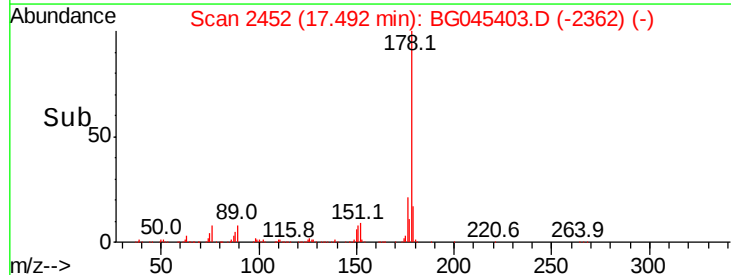
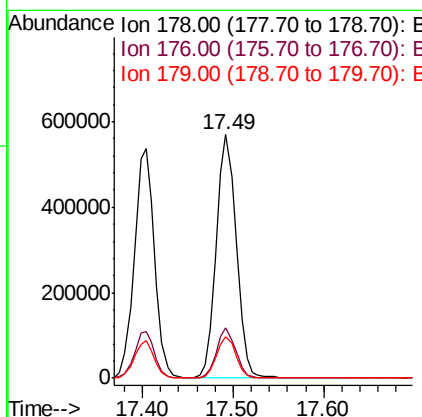
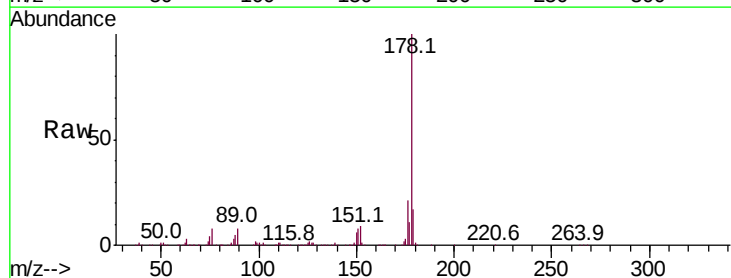
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

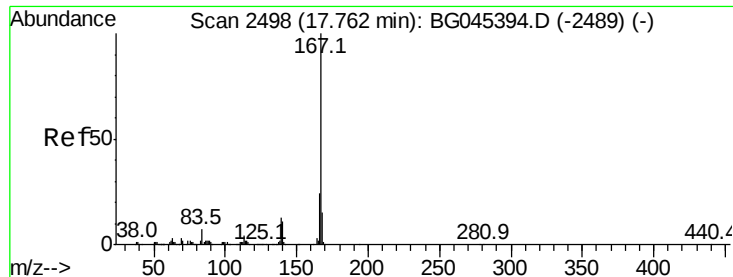
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.4	13.1	19.7



#72
 Anthracene
 Concen: 46.928 ng
 RT: 17.49 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	17.1	12.2	18.4

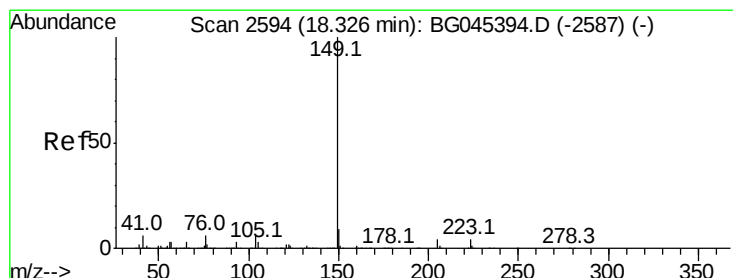
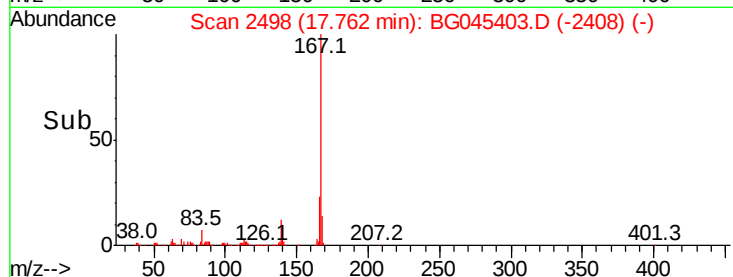
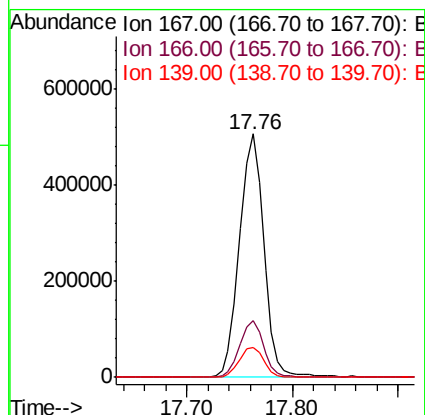
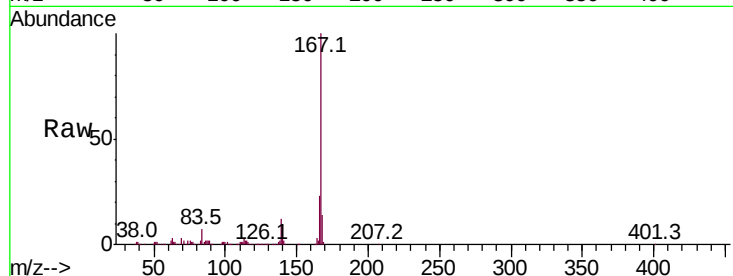




#73
 Carbazole
 Concen: 44.722 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

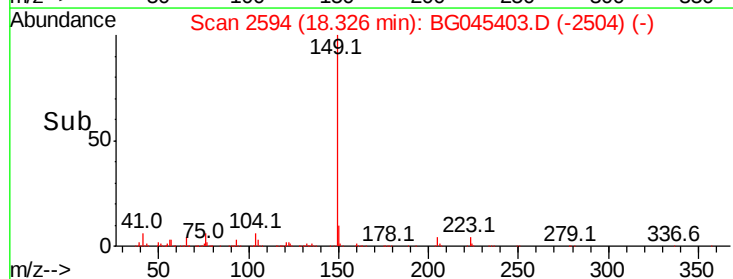
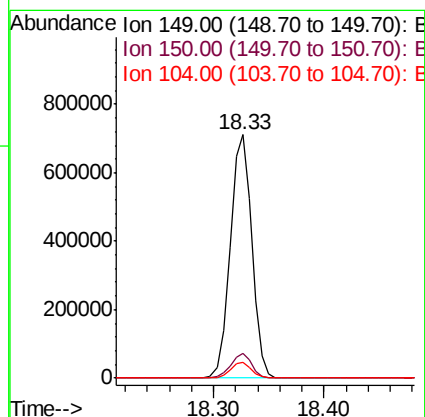
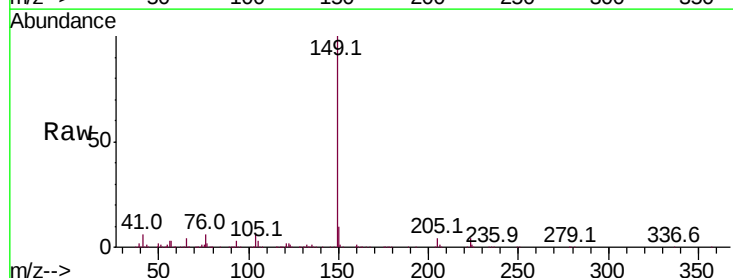
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

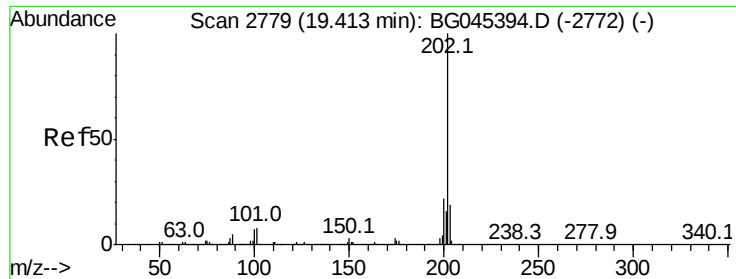
Tot Ion:167 Resp: 808174
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.2 28.8
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.894 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:149 Resp: 973754
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.6 11.4
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 46.166 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

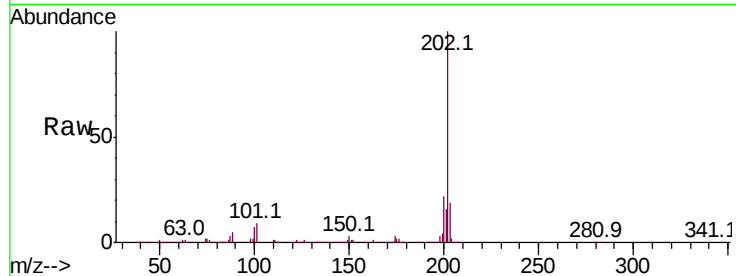
Tot Ion:202 Resp: 1084031

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

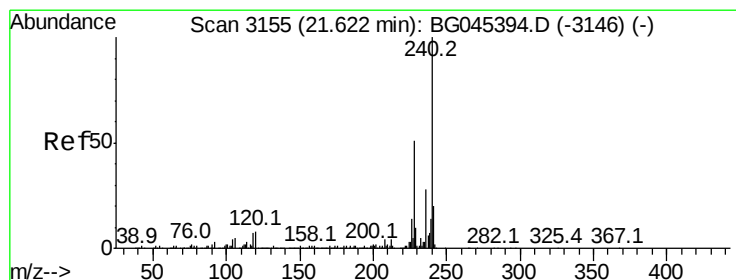
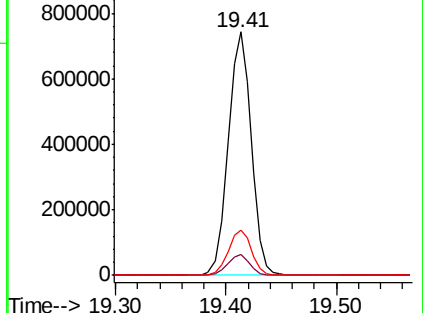
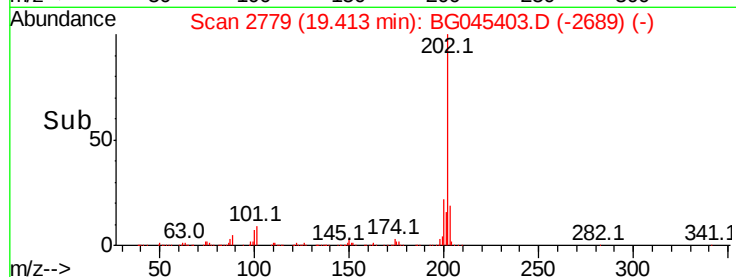
203 18.6 0.0 39.0



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: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

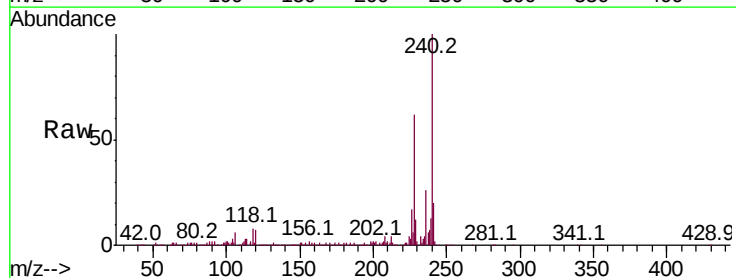
Tgt Ion:240 Resp: 417745

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

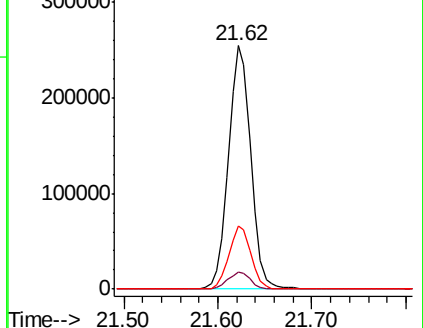
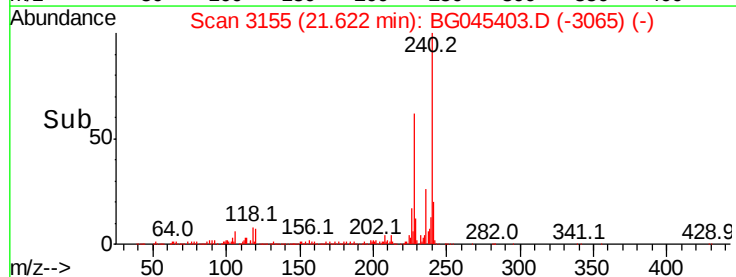
236 25.8 22.3 33.5

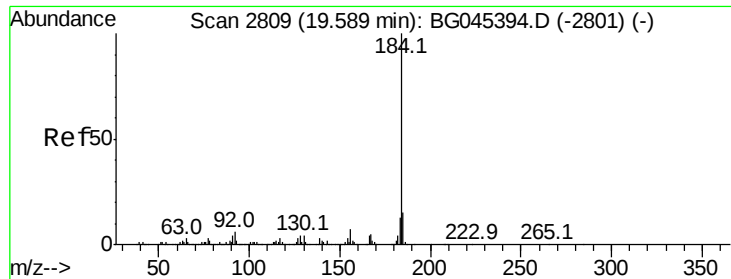


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.501 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

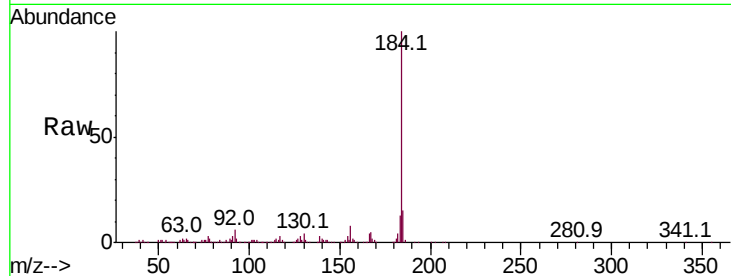
Tot Ion:184 Resp: 592508

Ion Ratio Lower Upper

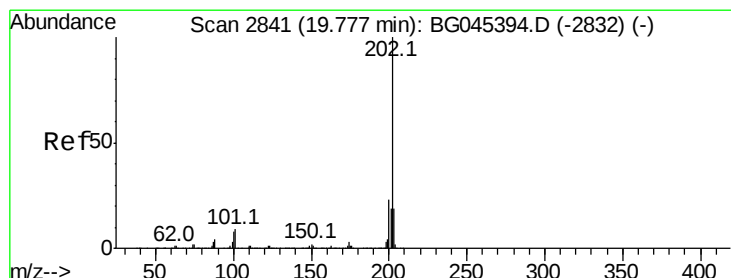
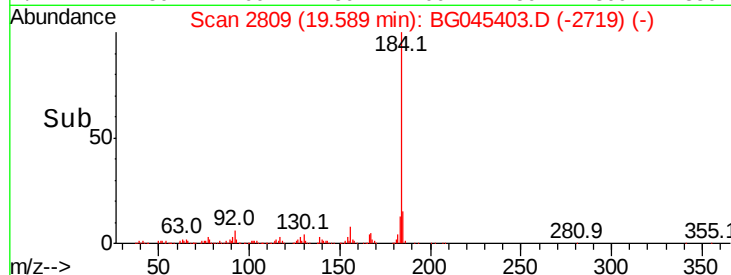
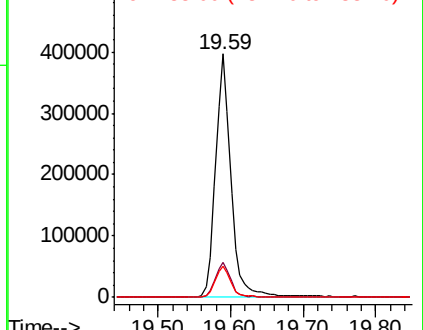
184 100

185 14.6 11.7 17.5

183 12.7 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: 45.463 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

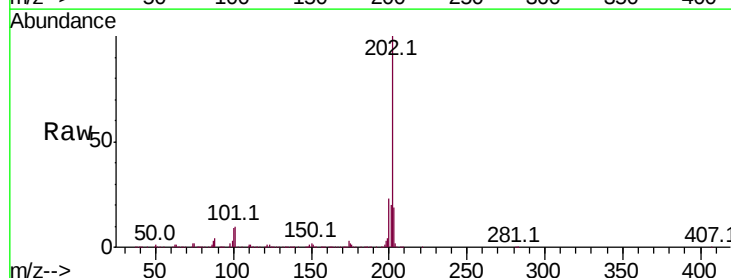
Tgt Ion:202 Resp: 1082608

Ion Ratio Lower Upper

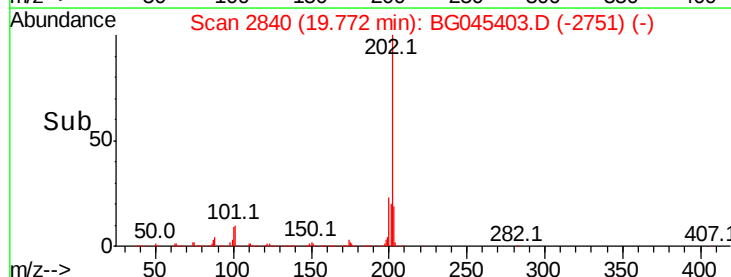
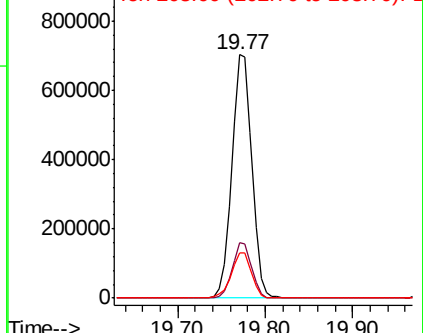
202 100

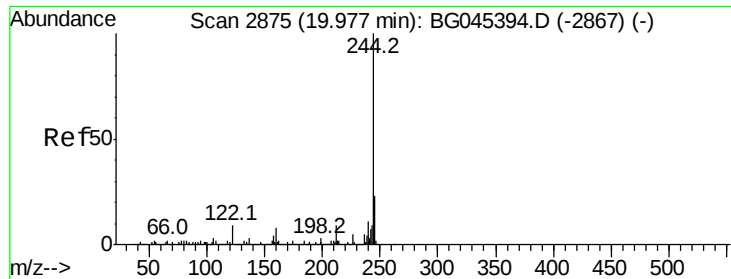
200 22.8 18.2 27.2

203 18.8 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: 93.502 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

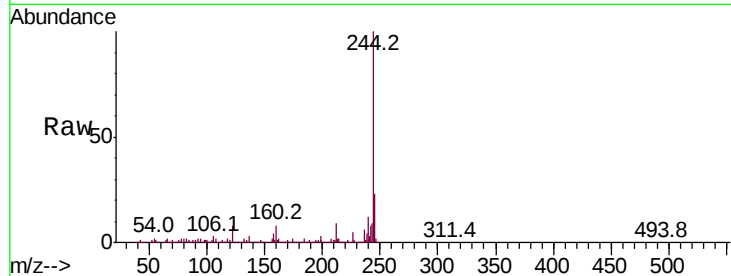
Tot Ion:244 Resp: 1674739

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	7.9	6.8	10.2

244 100

212 8.9 7.4 11.0

122 7.9 6.8 10.2

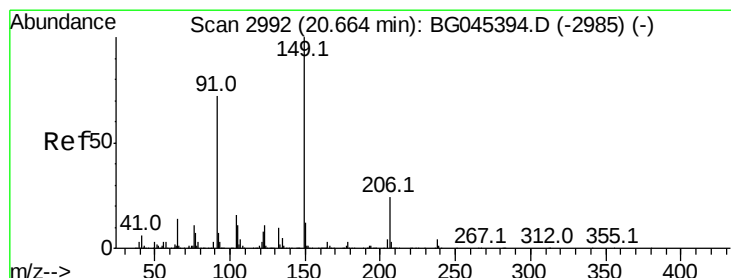
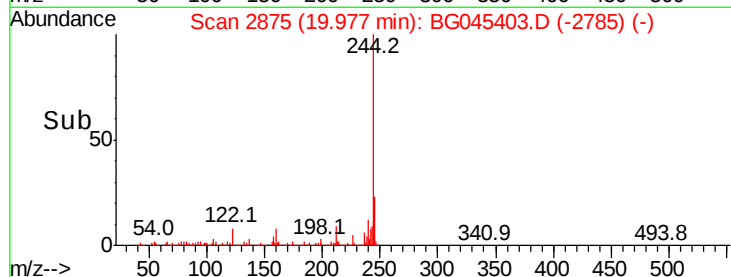
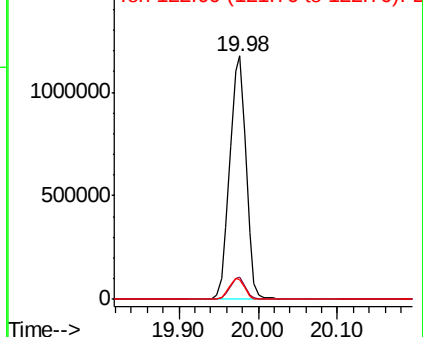


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.132 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

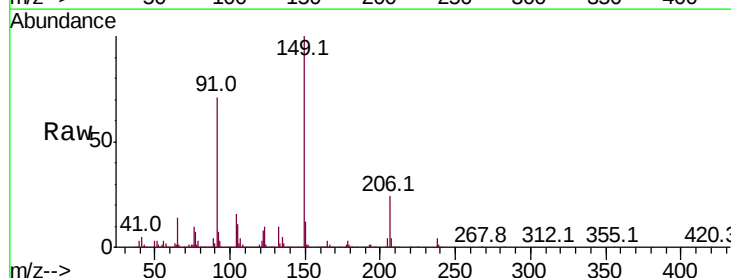
Tgt Ion:149 Resp: 453611

Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.8	86.6
206	23.9	19.1	28.7

149 100

91 71.4 57.8 86.6

206 23.9 19.1 28.7

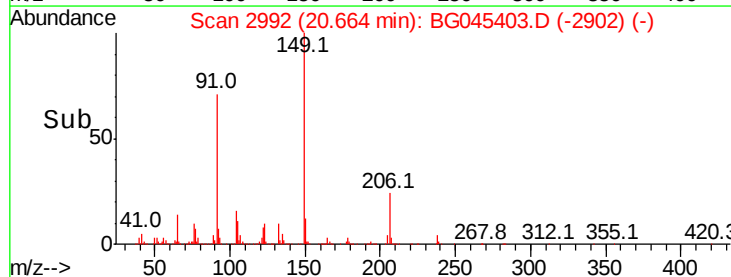
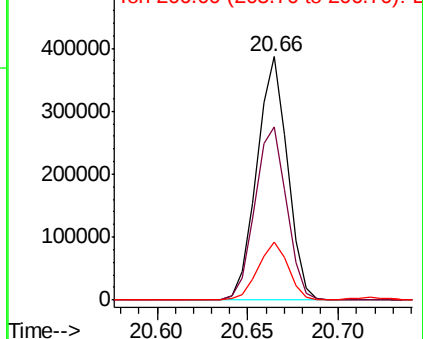


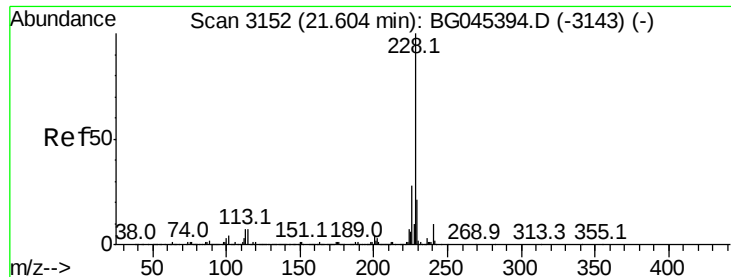
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.677 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

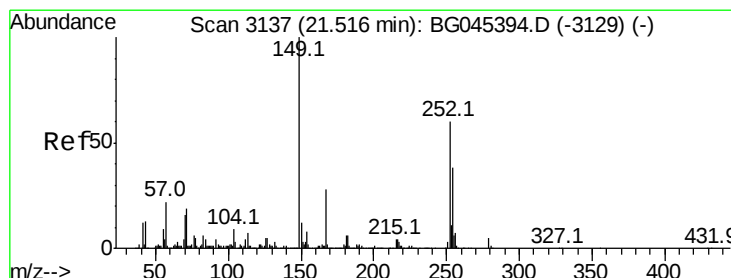
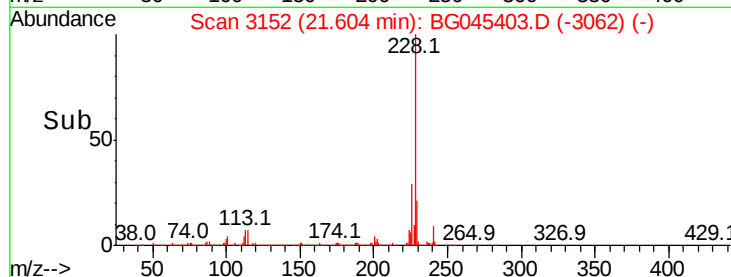
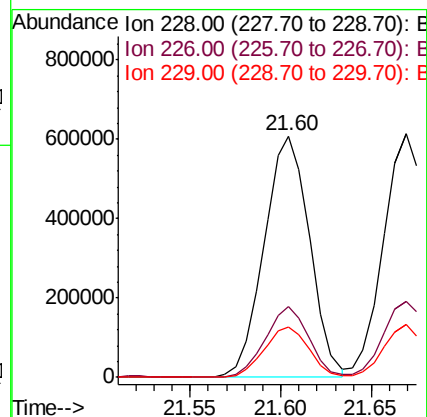
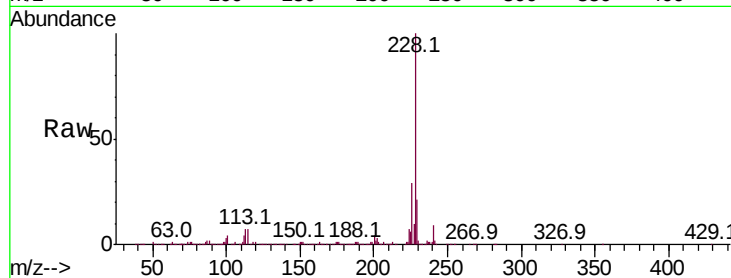
Tot Ion:228 Resp: 1062953

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.1	16.7	25.1

228 100

226 29.1 22.7 34.1

229 21.1 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 34.023 ng

RT: 21.52 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

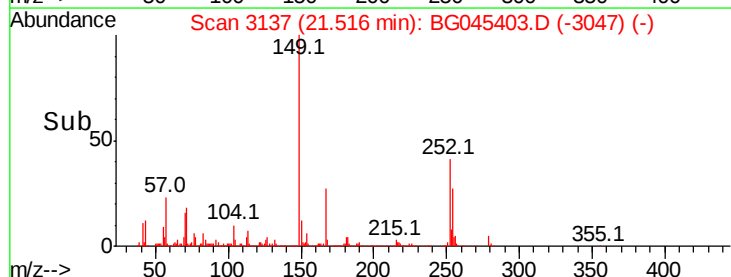
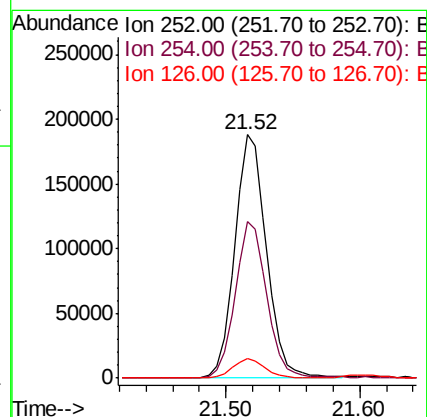
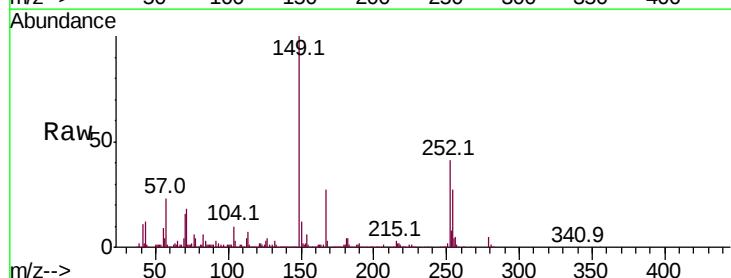
Tgt Ion:252 Resp: 310575

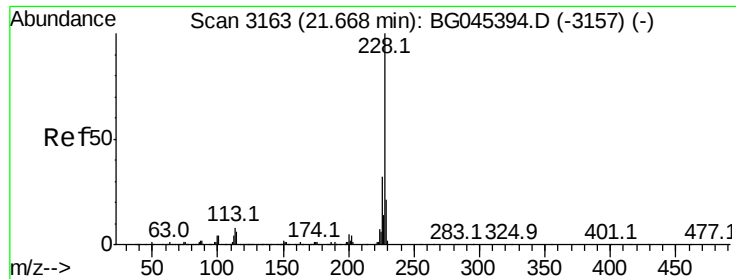
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	7.8	6.6	10.0

252 100

254 64.1 51.3 76.9

126 7.8 6.6 10.0





#83

Chrysene

Concen: 45.478 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

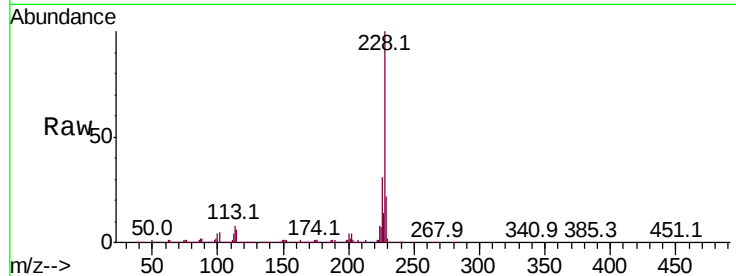
BNA_G

ClientSampleId :

PB128906BS

Tot Ion:228 Resp: 1017620

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	21.6	16.7	25.1

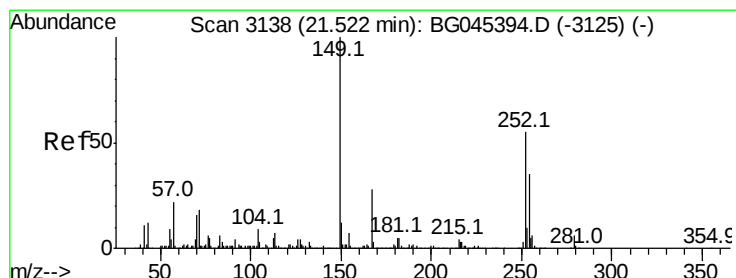
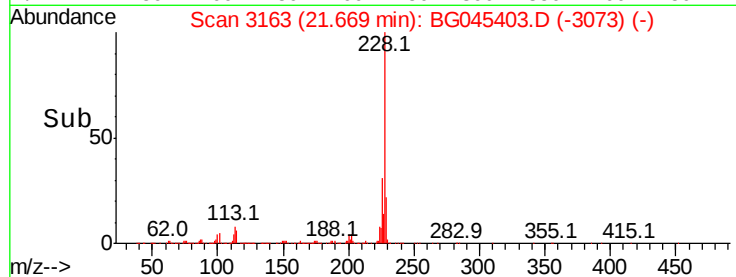
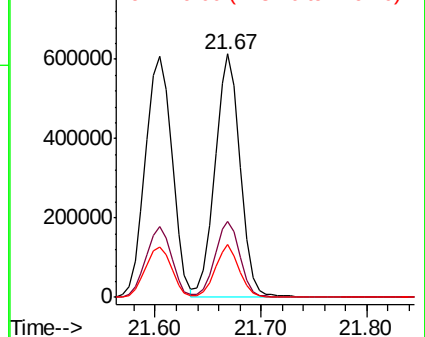


Abundance

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: 45.332 ng

RT: 21.52 min Scan# 3137

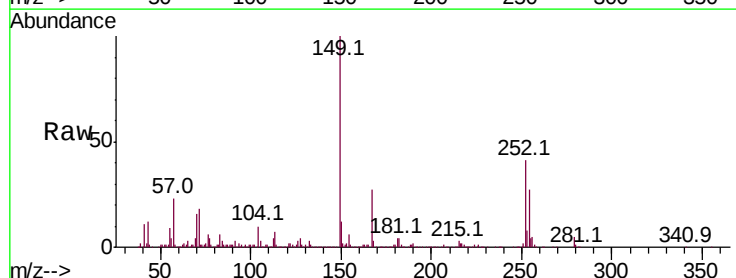
Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:149 Resp: 640509

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	4.7	4.7	7.1#

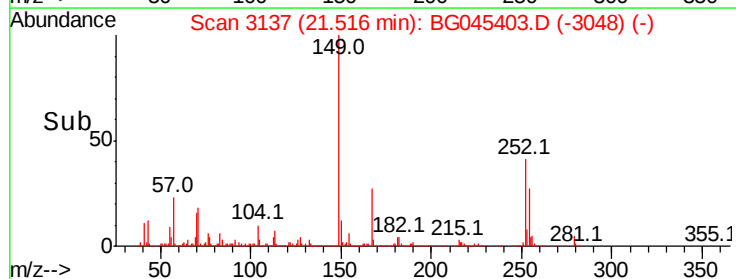
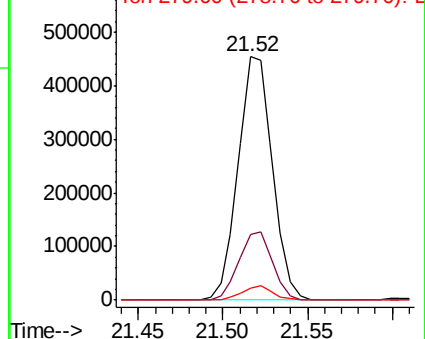


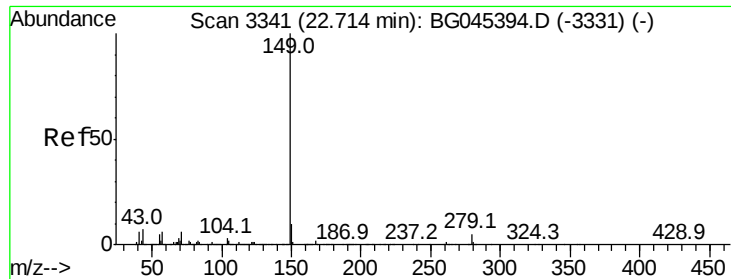
Abundance

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: 45.909 ng

RT: 22.71 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

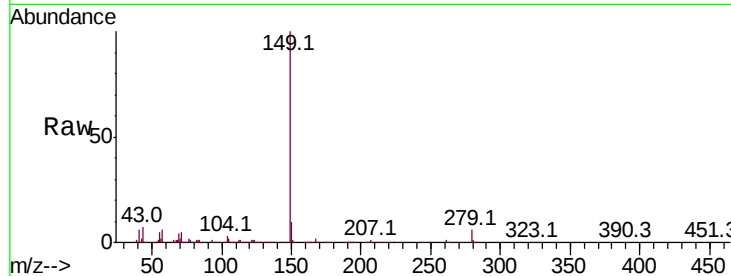
Tot Ion:149 Resp: 1114091

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

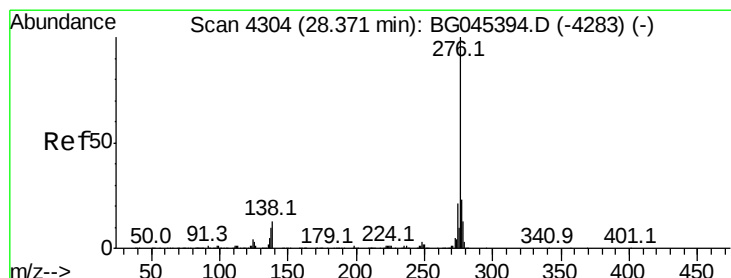
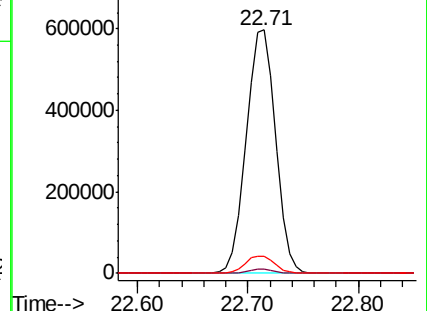
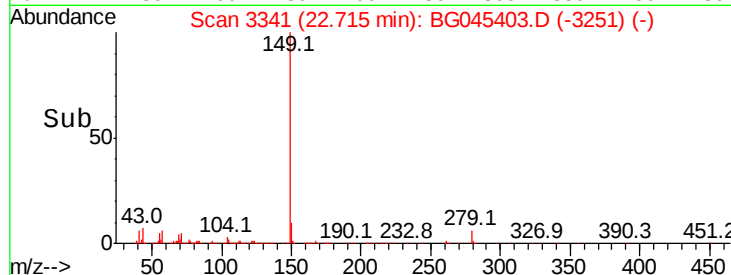
43 7.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.287 ng

RT: 28.37 min Scan# 4304

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

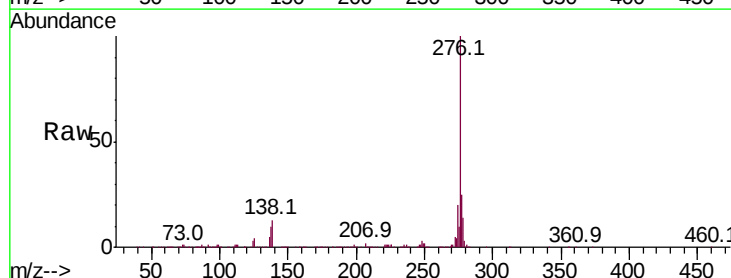
Tgt Ion:276 Resp: 1383656

Ion Ratio Lower Upper

276 100

138 8.3 8.6 12.8#

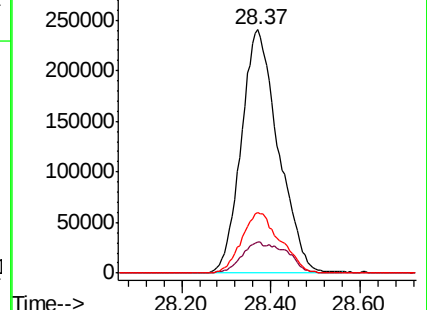
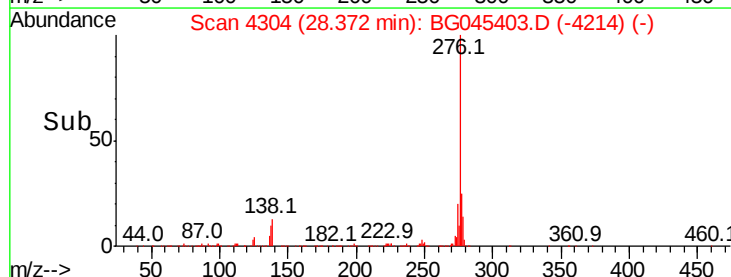
277 25.8 20.2 30.4

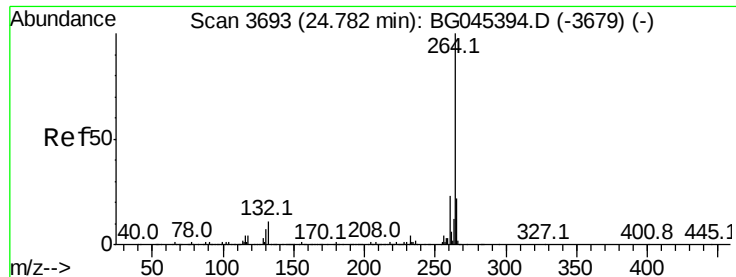


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

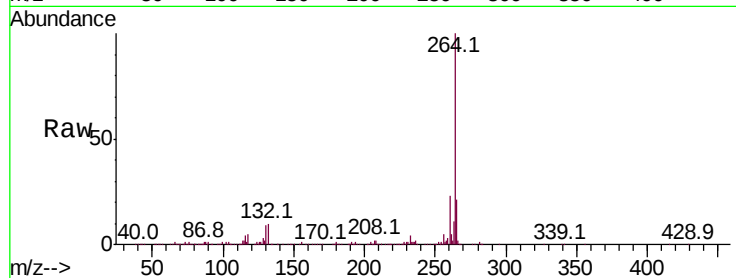
Tot Ion:264 Resp: 476570

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

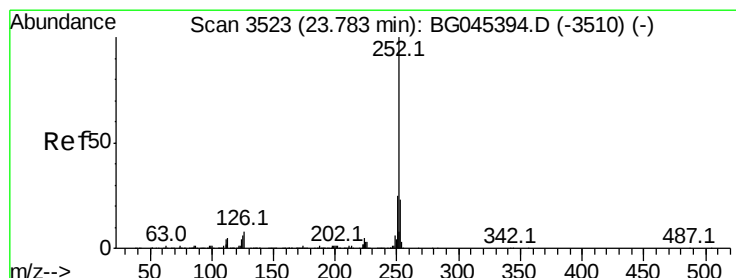
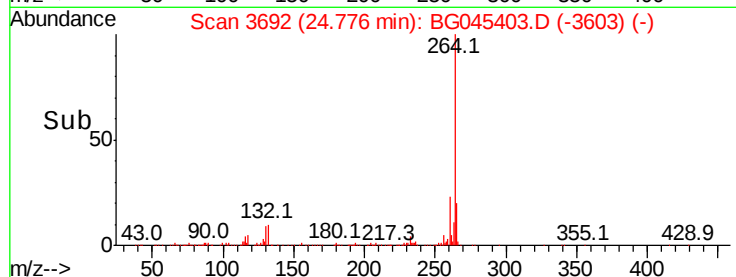
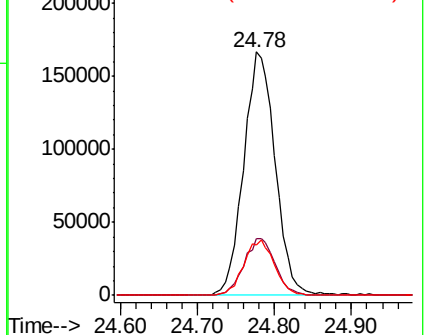
265 20.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.003 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

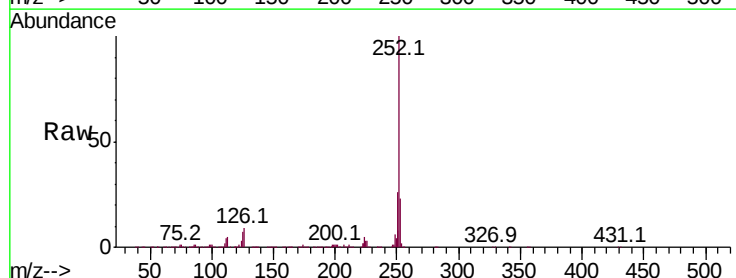
Tgt Ion:252 Resp: 1175794

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

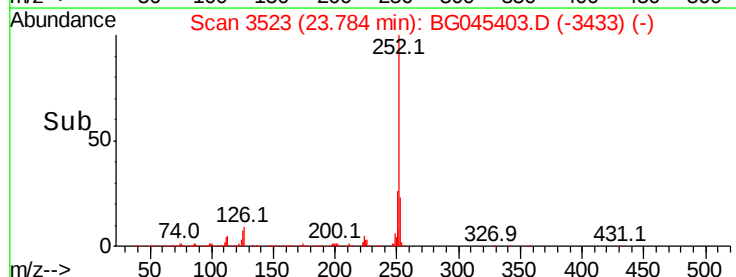
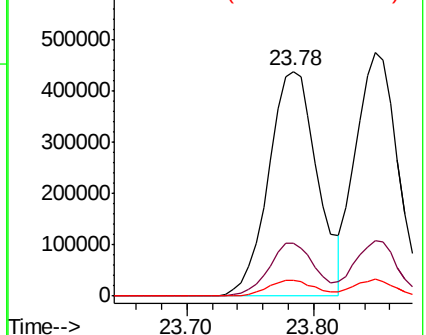
125 7.0 5.0 7.6

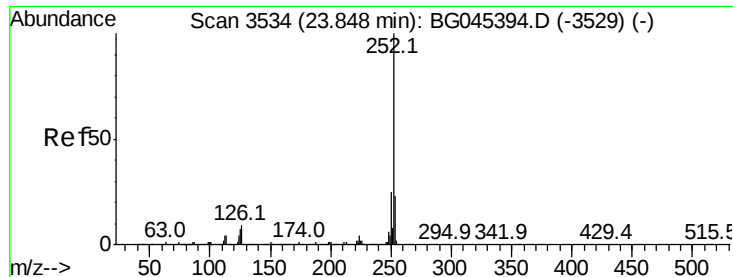


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.762 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

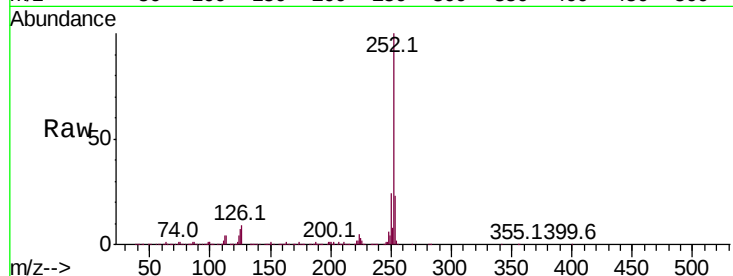
Tot Ion:252 Resp: 1098855

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

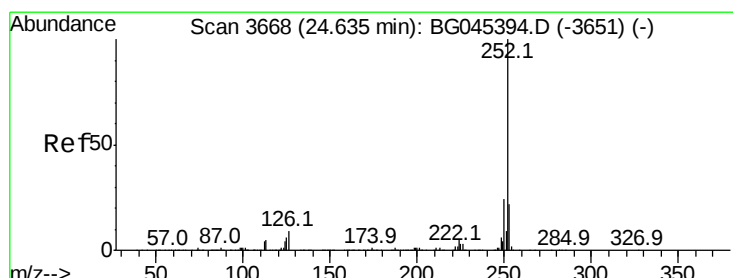
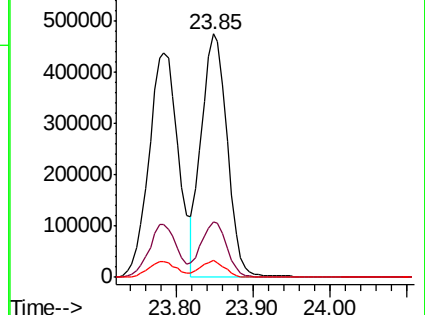
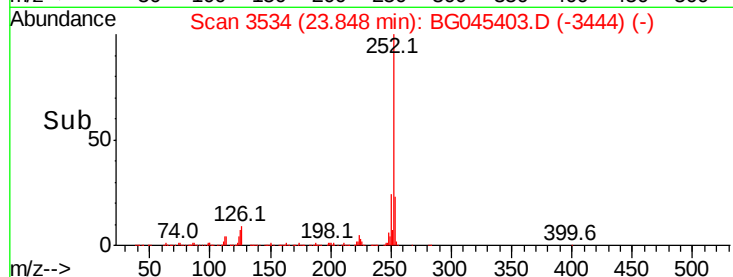
125 6.8 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.064 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

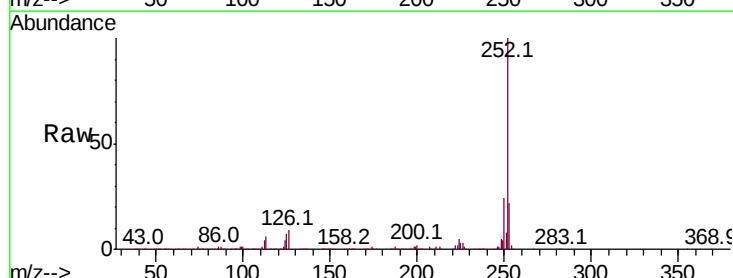
Tgt Ion:252 Resp: 1072684

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

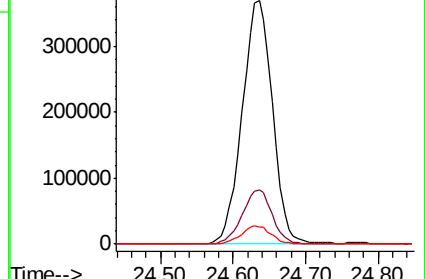
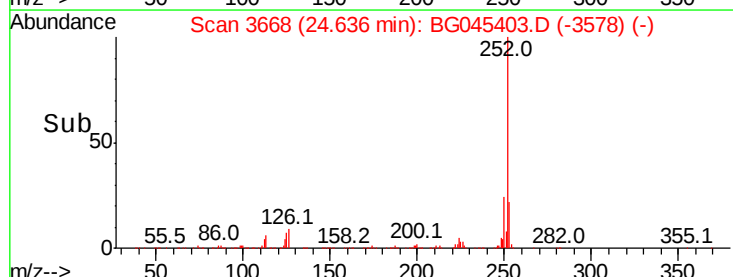
125 6.9 5.0 7.6

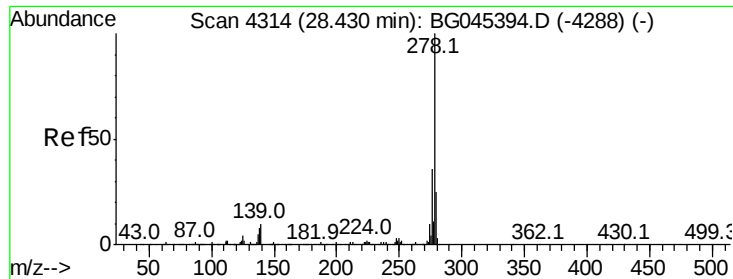


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

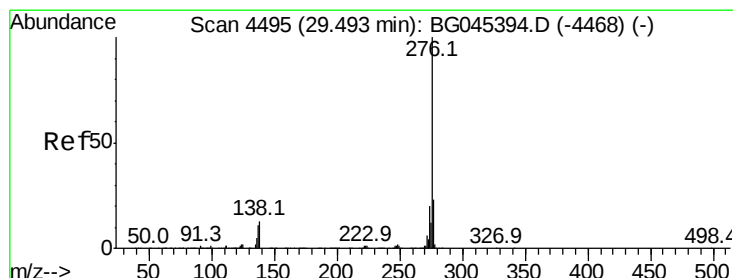
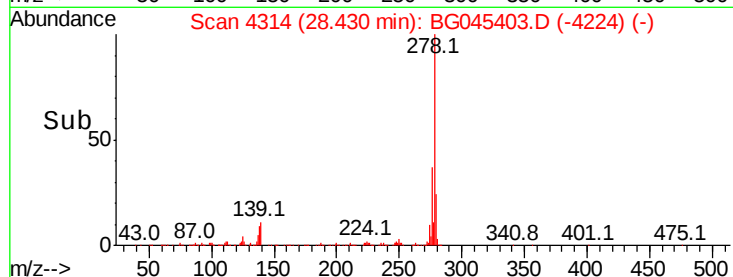
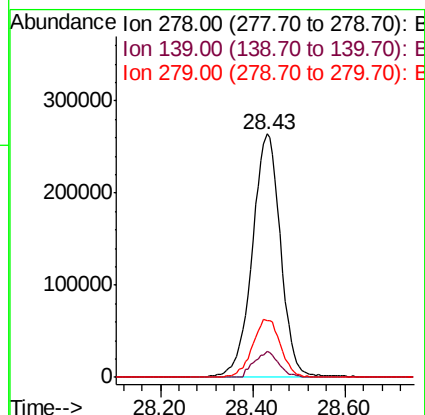
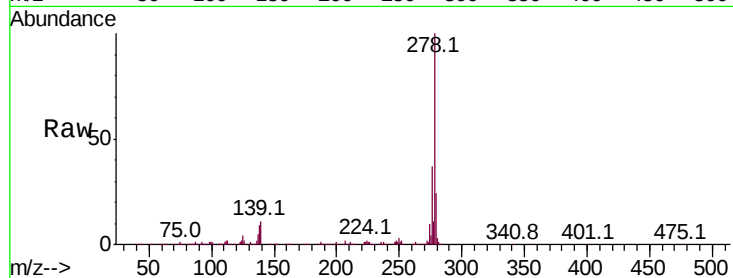




#91
Dibenzo(a,h)anthracene
Concen: 47.017 ng
RT: 28.43 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:278 Resp: 1124669
Ion Ratio Lower Upper
278 100
139 10.7 7.8 11.8
279 23.5 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 48.007 ng
RT: 29.49 min Scan# 4495
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:276 Resp: 1148505
Ion Ratio Lower Upper
276 100
277 23.6 18.1 27.1
138 13.1 10.2 15.4

