

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
 Data File : BG045475.D
 Acq On : 27 May 2020 14:13
 Operator : CG/JU
 Sample : PB129112BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Quant Time: May 27 14:50:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	69567	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	278433	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	206714	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	504703	20.00	ng	0.00
76) Chrysene-d12	21.61	240	472870	20.00	ng	0.00
87) Perylene-d12	24.76	264	531039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	516706	145.15	ng	0.00
7) Phenol-d6	7.18	99	722610	142.62	ng	0.00
23) Nitrobenzene-d5	9.12	82	465082	91.09	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	374359	141.61	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1090631	89.49	ng	0.00
79) Terphenyl-d14	19.96	244	1928727	95.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	64513	36.547	ng	98
3) Pyridine	3.80	79	151759	30.869	ng	94
4) n-Nitrosodimethylamine	3.72	42	68015	42.279	ng	96
6) Aniline	7.28	93	227575	34.409	ng	99
8) 2-Chlorophenol	7.54	128	194456	49.814	ng	95
9) Benzaldehyde	7.09	77	126119	38.207	ng	97
10) Phenol	7.20	94	252222	48.302	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	172411	42.331	ng	98
12) 1,3-Dichlorobenzene	7.85	146	205123	43.726	ng	97
13) 1,4-Dichlorobenzene	7.99	146	210396	45.447	ng	98
14) 1,2-Dichlorobenzene	8.31	146	193401	43.435	ng	98
15) Benzyl Alcohol	8.20	79	193121	46.141	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	164860	42.642	ng	98
17) 2-Methylphenol	8.44	107	174039	44.529	ng	97
18) Hexachloroethane	9.04	117	80171	45.216	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	162644	46.423	ng	98
20) 3+4-Methylphenols	8.77	107	238085	44.734	ng	# 71
22) Acetophenone	8.78	105	299693	45.414	ng	# 94
24) Nitrobenzene	9.16	77	240669	43.994	ng	98
25) Isophorone	9.68	82	451800	44.931	ng	98
26) 2-Nitrophenol	9.88	139	108468	46.351	ng	96
27) 2,4-Dimethylphenol	9.97	122	187794	54.106	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	249561	47.324	ng	96
29) 2,4-Dichlorophenol	10.44	162	203707	49.701	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	219800	45.384	ng	93
31) Naphthalene	10.82	128	589444	45.430	ng	99
32) Benzoic acid	10.14	122	121026	50.587	ng	95
33) 4-Chloroaniline	10.93	127	107155	19.758	ng	95
34) Hexachlorobutadiene	11.11	225	152600	44.575	ng	99
35) Caprolactam	11.69	113	33137	22.027	ng	85
36) 4-Chloro-3-methylphenol	12.09	107	231703	50.169	ng	97
37) 2-Methylnaphthalene	12.43	142	452831	46.825	ng	97
38) 1-Methylnaphthalene	12.64	142	433616	47.467	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	260677	45.148	ng	98

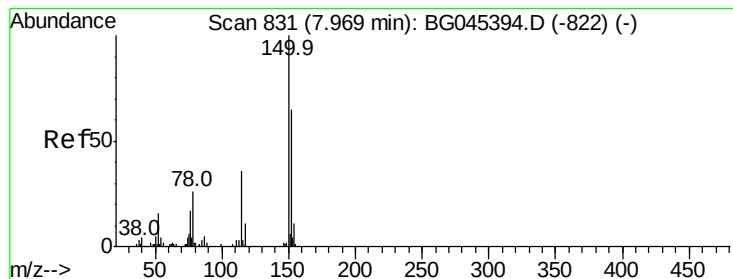
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	355215	106.589	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	184310	45.953	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	199850	43.603	ng	96
46) 1,1'-Biphenyl	13.43	154	593116	46.696	ng	100
47) 2-Chloronaphthalene	13.48	162	452887	43.909	ng	99
48) 2-Nitroaniline	13.68	65	147920	43.598	ng	89
49) Acenaphthylene	14.32	152	770410	46.502	ng	99
50) Dimethylphthalate	14.06	163	645150	45.496	ng	100
51) 2,6-Dinitrotoluene	14.18	165	147025	45.948	ng	94
52) Acenaphthene	14.67	154	449843	40.564	ng	96
53) 3-Nitroaniline	14.51	138	77102	23.704	ng	98
54) 2,4-Dinitrophenol	14.72	184	172997	82.360	ng	94
55) Dibenzofuran	15.00	168	740255	44.950	ng	96
56) 4-Nitrophenol	14.88	139	229208	93.074	ng	93
57) 2,4-Dinitrotoluene	14.97	165	210530	45.430	ng	97
58) Fluorene	15.65	166	619311	45.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	189243	46.931	ng	99
60) Diethylphthalate	15.42	149	659864	44.708	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	343243	44.334	ng	100
62) 4-Nitroaniline	15.68	138	142621	42.000	ng	99
63) Azobenzene	15.93	77	619264	44.997	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	135593	46.130	ng	96
66) n-Nitrosodiphenylamine	15.86	169	556908	45.957	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	239314	43.789	ng	97
68) Hexachlorobenzene	16.66	284	267726	46.838	ng	99
69) Atrazine	16.81	200	219859	44.049	ng	99
70) Pentachlorophenol	17.02	266	286519	96.536	ng	97
71) Phenanthrene	17.39	178	1024513	46.499	ng	99
72) Anthracene	17.49	178	1047608	47.347	ng	98
73) Carbazole	17.76	167	964566	44.722	ng	99
74) Di-n-butylphthalate	18.31	149	1165632	45.028	ng	99
75) Fluoranthene	19.40	202	1290428	46.046	ng	98
77) Benzidine	19.58	184	506722	38.155	ng	99
78) Pyrene	19.76	202	1272442	47.205	ng	97
80) Butylbenzylphthalate	20.65	149	523744	45.015	ng	97
81) Benzo(a)anthracene	21.59	228	1229195	46.663	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	266399	25.781	ng	99
83) Chrysene	21.66	228	1167271	46.085	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	725362	45.353	ng	98
85) Di-n-octyl phthalate	22.70	149	1235343	44.972	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1558885	47.065	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1314936	46.170	ng	100
89) Benzo(k)fluoranthene	23.83	252	1292655	48.311	ng	99
90) Benzo(a)pyrene	24.61	252	1223692	46.135	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1275758	47.863	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1304169	48.923	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

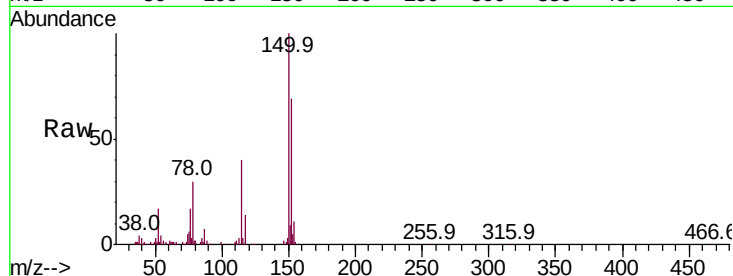
Tot Ion:152 Resp: 69567

Ion Ratio Lower Upper

152 100

150 144.6 122.4 183.6

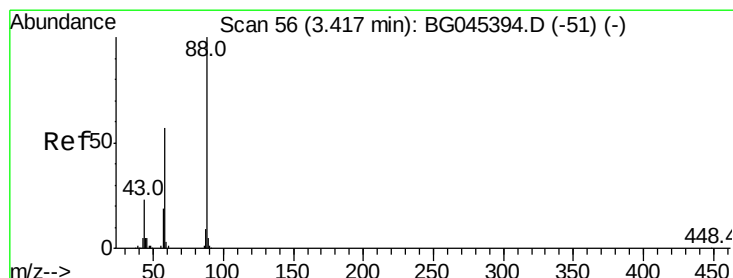
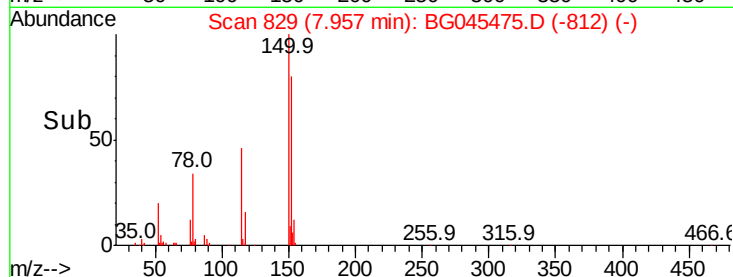
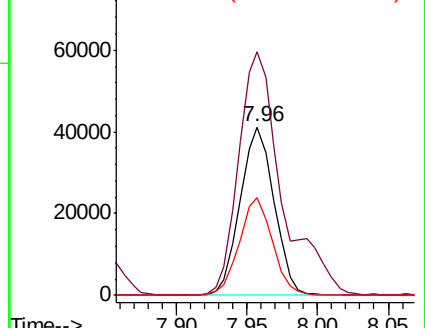
115 57.8 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.547 ng

RT: 3.40 min Scan# 53

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

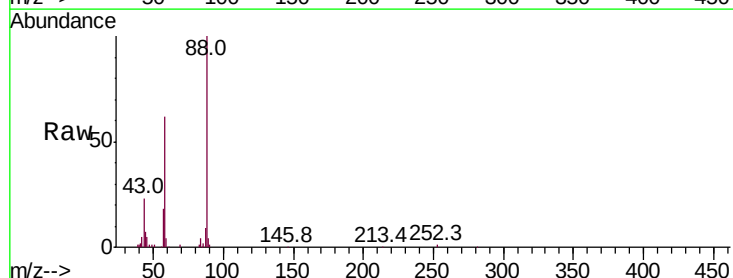
Tgt Ion: 88 Resp: 64513

Ion Ratio Lower Upper

88 100

58 56.1 45.7 68.5

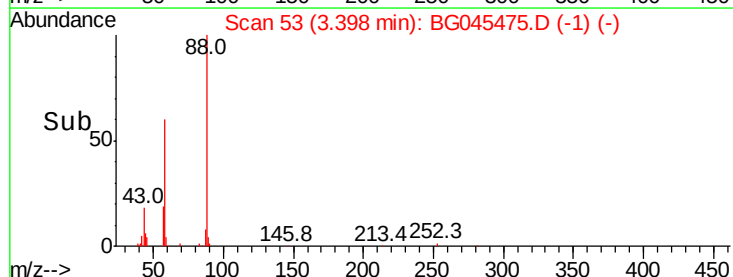
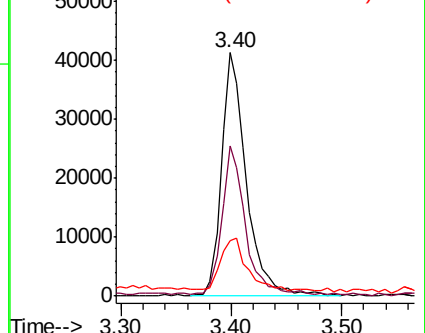
43 22.6 16.8 25.2

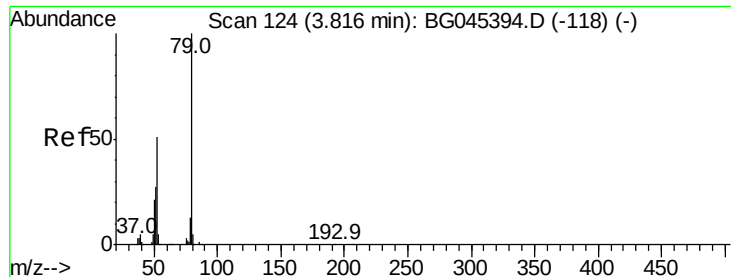


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.869 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

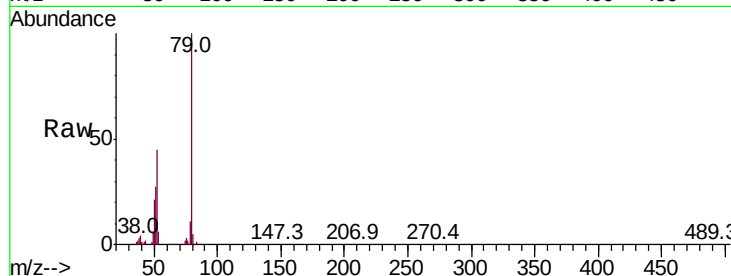
BNA_G

ClientSampleId :

PB129112BS

Tot Ion: 79 Resp: 151759

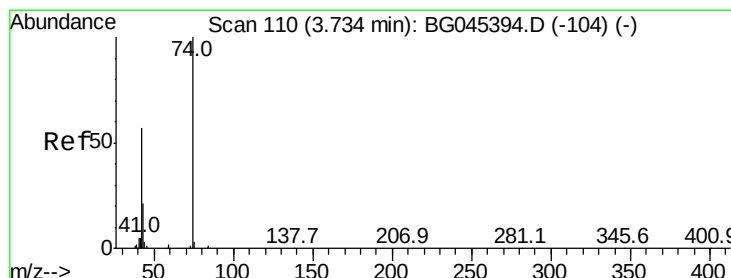
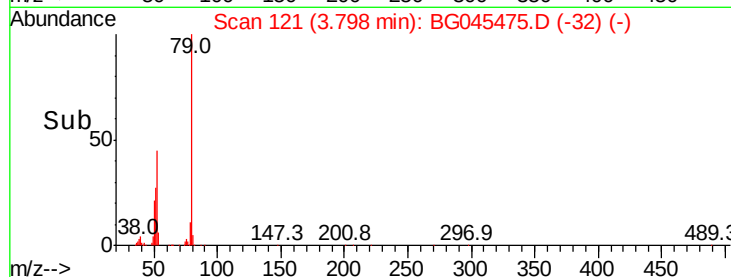
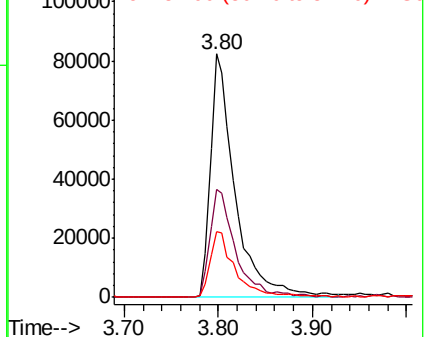
Ion	Ratio	Lower	Upper
79	100		
52	44.5	40.8	61.2
51	27.0	21.9	32.9



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: 42.279 ng

RT: 3.72 min Scan# 107

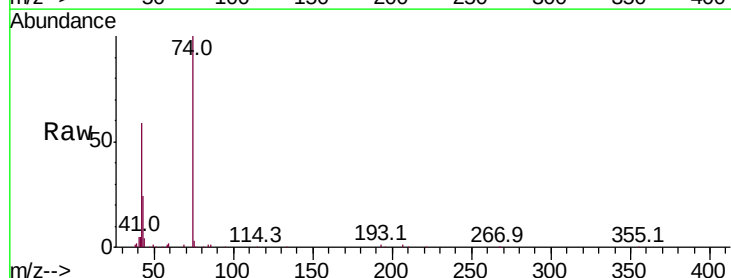
Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion: 42 Resp: 68015

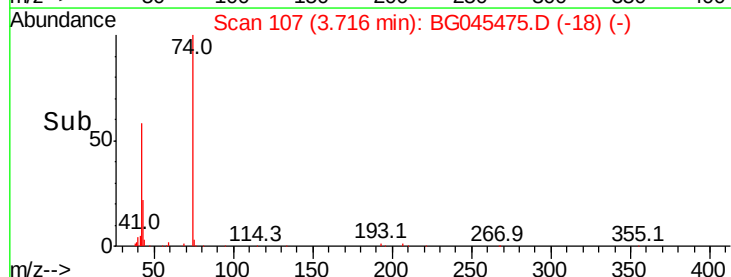
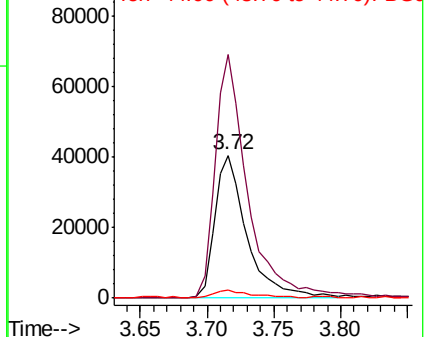
Ion	Ratio	Lower	Upper
42	100		
74	170.6	141.3	211.9
44	6.0	4.2	6.4

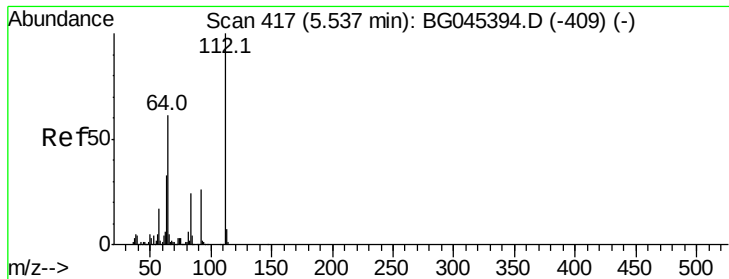


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.155 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

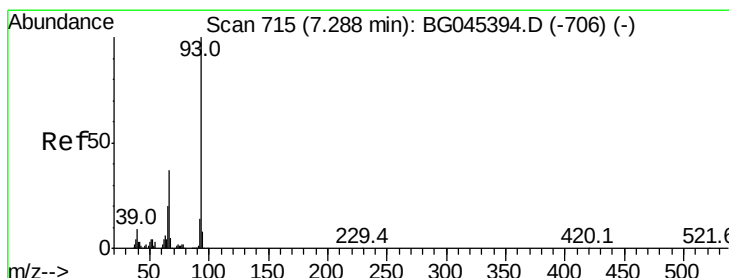
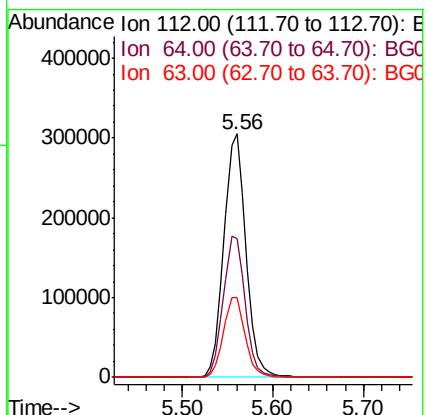
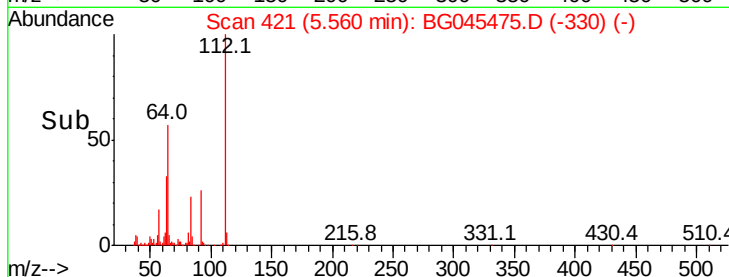
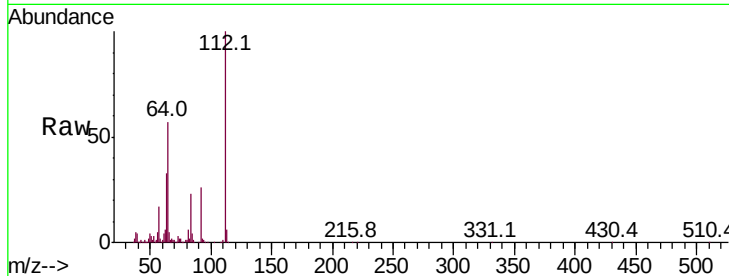
Tot Ion:112 Resp: 516706

Ion Ratio Lower Upper

112 100

64 56.8 48.6 72.8

63 32.8 26.5 39.7



#6

Aniline

Concen: 34.409 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

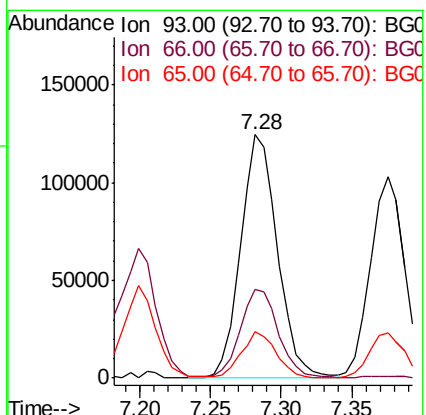
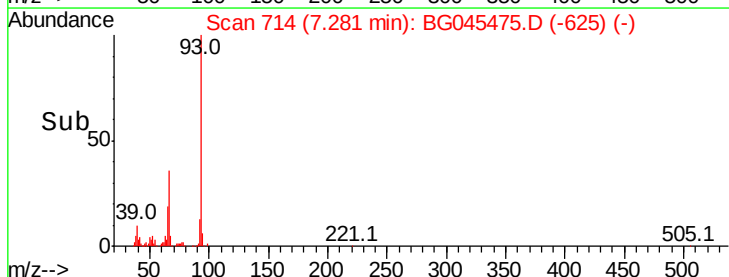
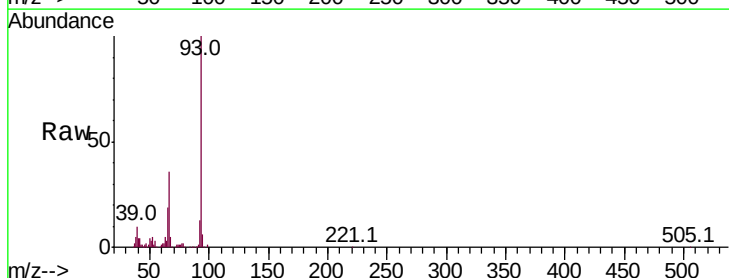
Tgt Ion: 93 Resp: 227575

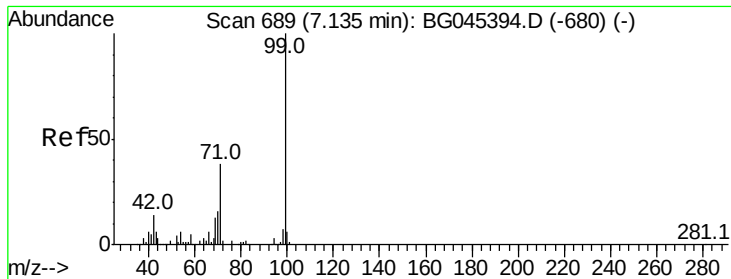
Ion Ratio Lower Upper

93 100

66 36.3 29.6 44.4

65 19.2 15.9 23.9





#7

Phenol-d6

Concen: 142.625 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

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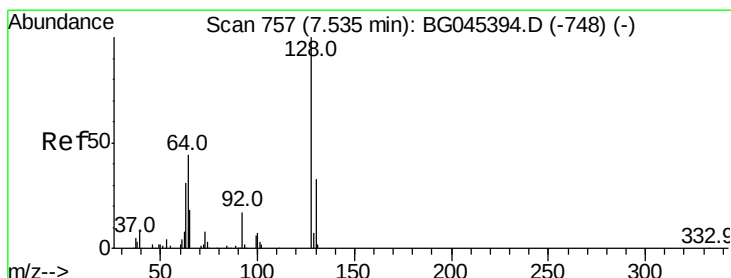
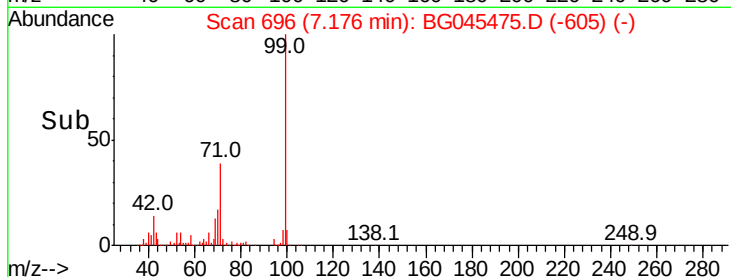
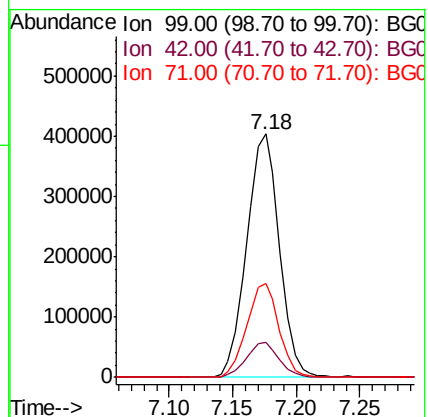
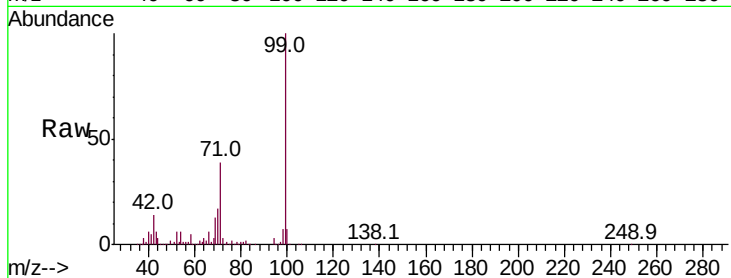
Tot Ion: 99 Resp: 722610

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 38.6 30.8 46.2



#8

2-Chlorophenol

Concen: 49.814 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

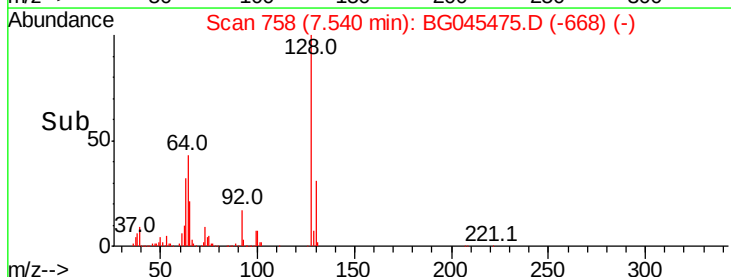
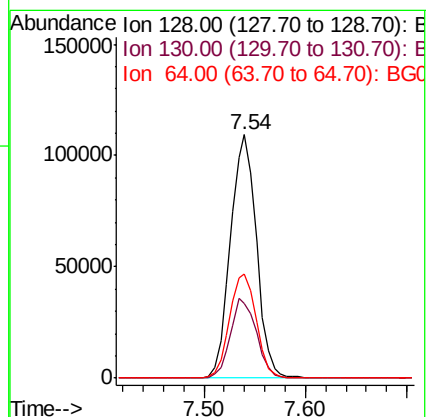
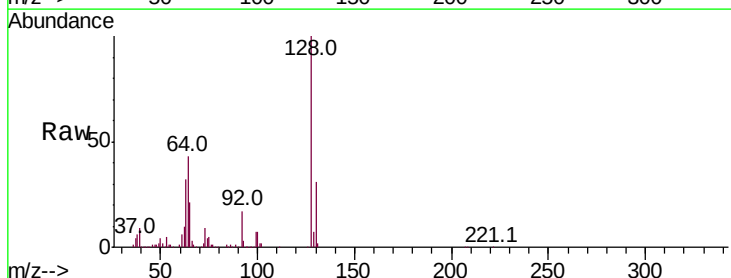
Tgt Ion:128 Resp: 194456

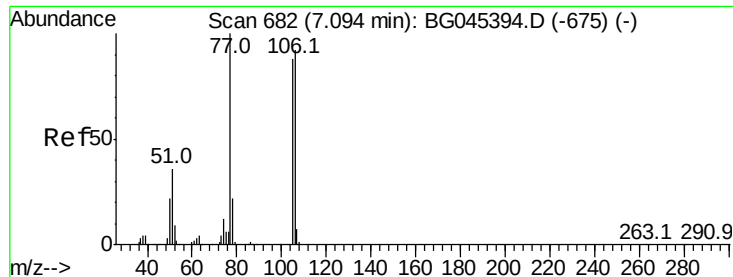
Ion Ratio Lower Upper

128 100

130 30.9 12.6 52.6

64 42.9 27.0 67.0





#9

Benzaldehyde

Concen: 38.207 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

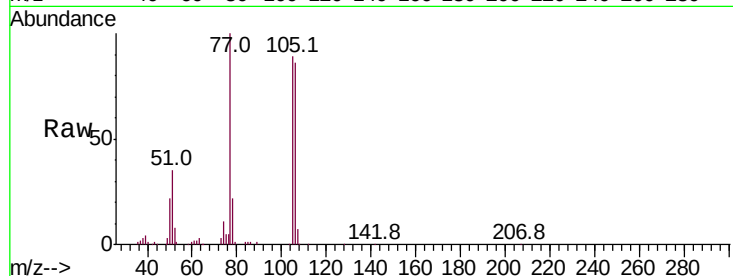
Tot Ion: 77 Resp: 126119

Ion Ratio Lower Upper

77 100

105 88.5 68.5 108.5

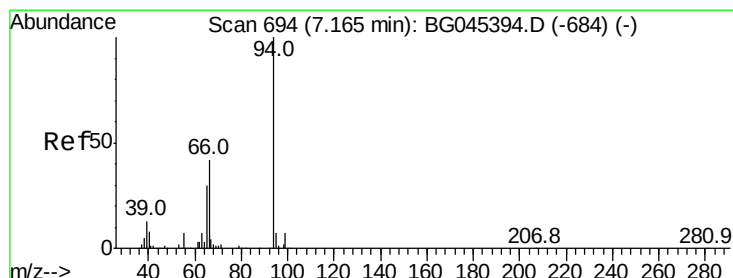
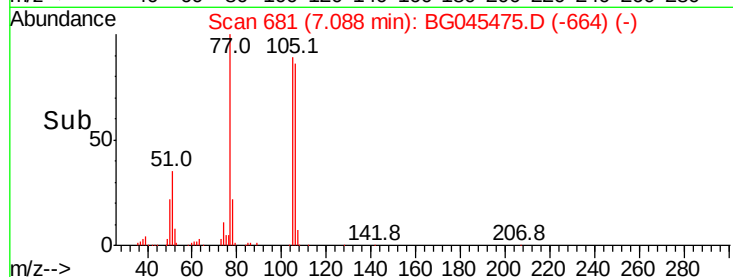
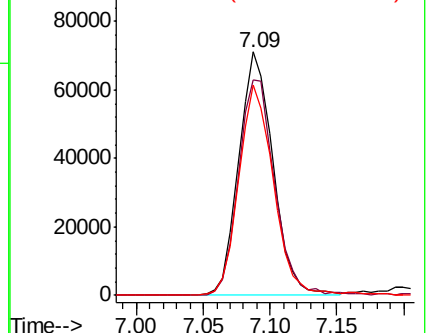
106 86.2 71.6 111.6



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: 48.302 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

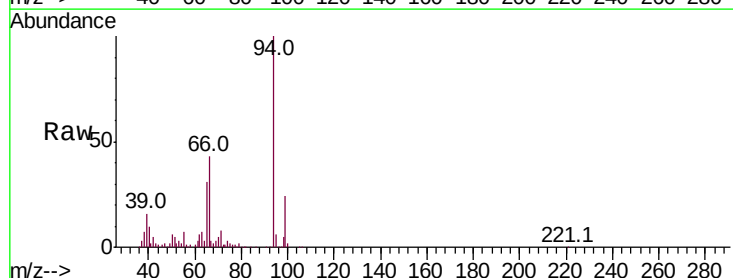
Tgt Ion: 94 Resp: 252222

Ion Ratio Lower Upper

94 100

65 30.5 9.8 49.8

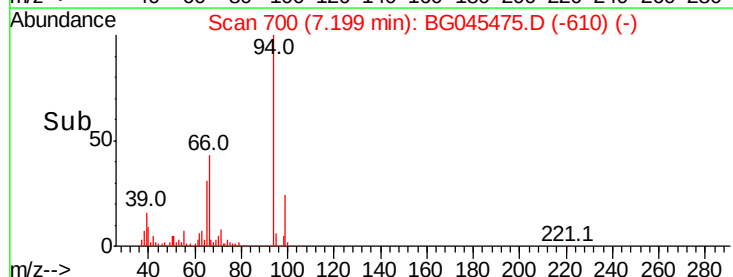
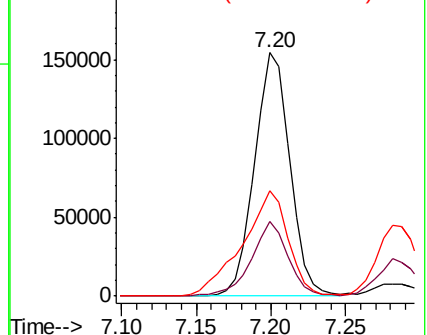
66 43.1 22.0 62.0

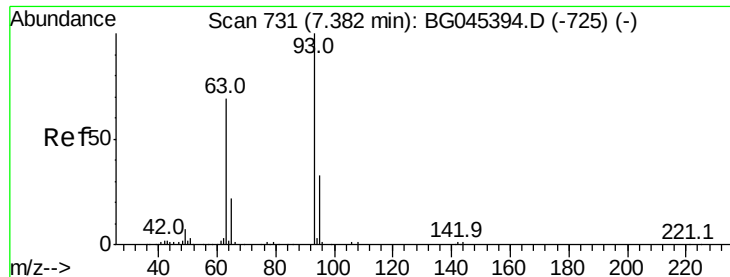


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

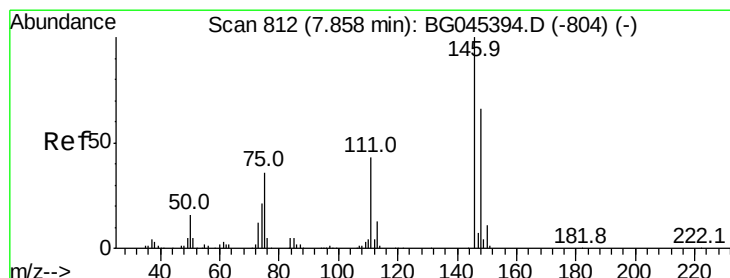
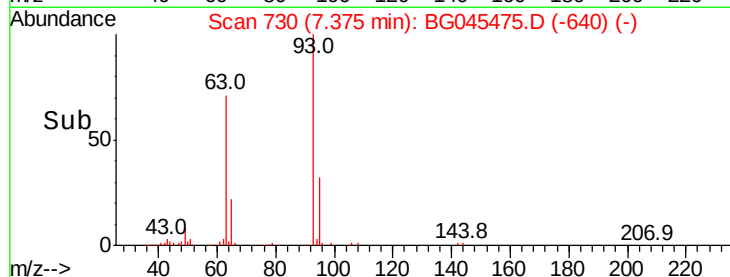
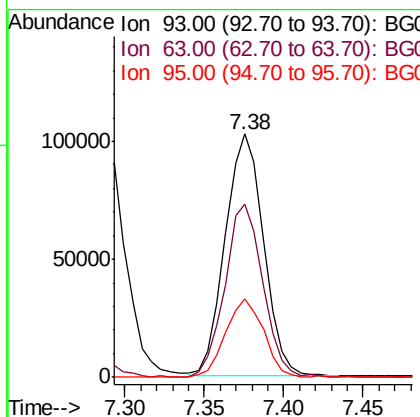
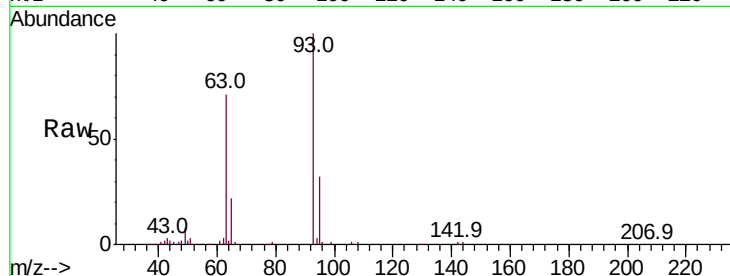




#11
 bis(2-Chloroethyl)ether
 Concen: 42.331 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

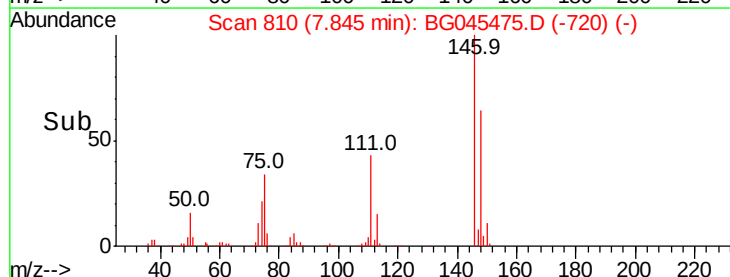
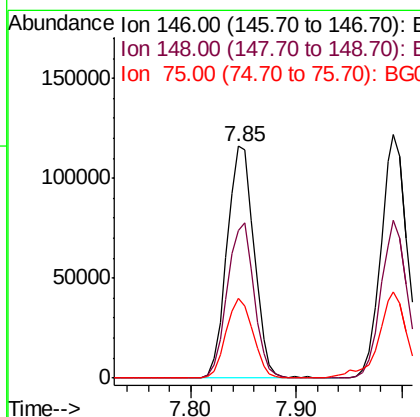
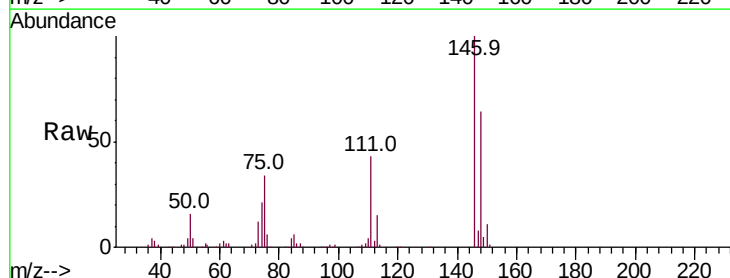
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

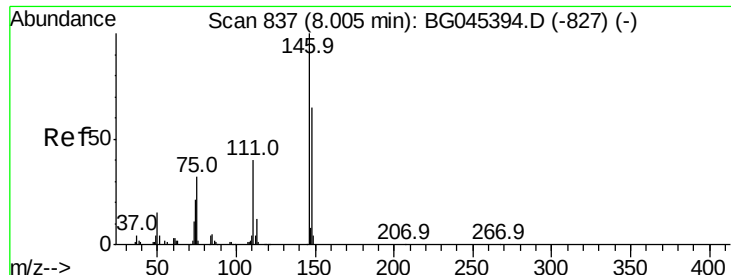
Tot Ion:	93	Resp:	172411
Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.4	88.4
95	32.2	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 43.726 ng
 RT: 7.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:	146	Resp:	205123
Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.2	79.8
75	34.2	28.6	43.0

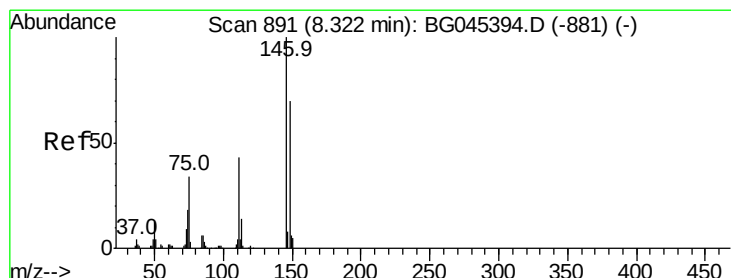
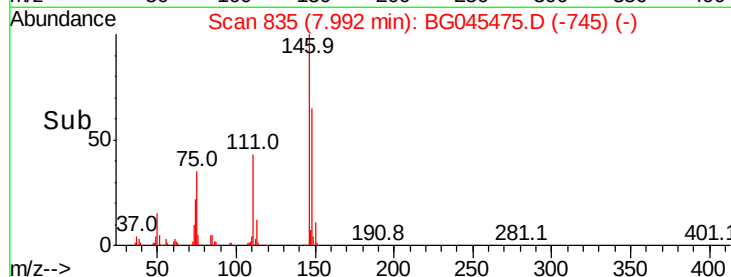
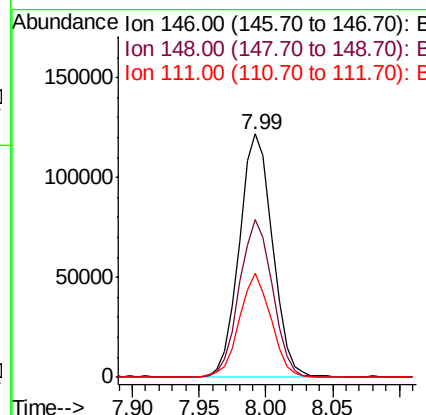
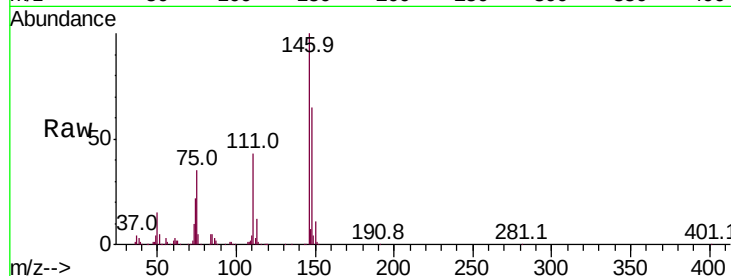




#13
 1,4-Dichlorobenzene
 Concen: 45.447 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

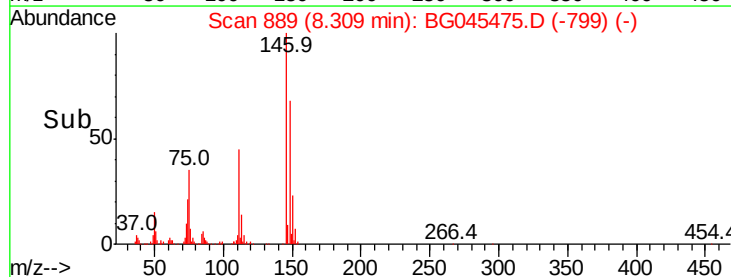
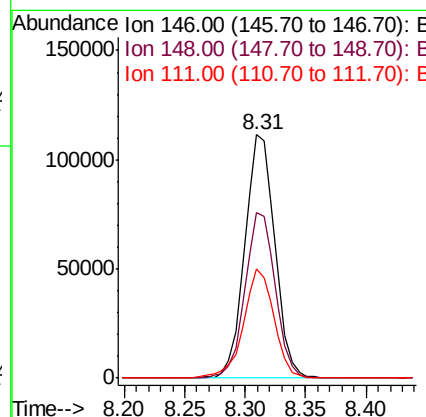
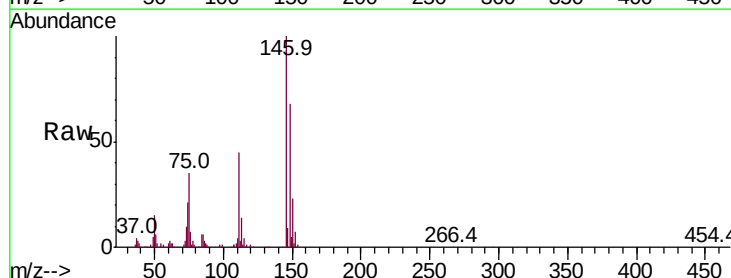
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

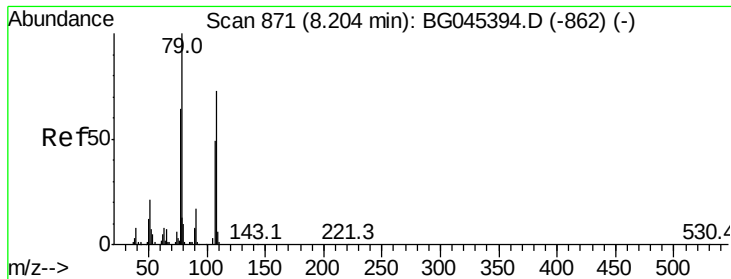
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	42.9	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 43.435 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	55.9	83.9
111	44.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 46.141 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

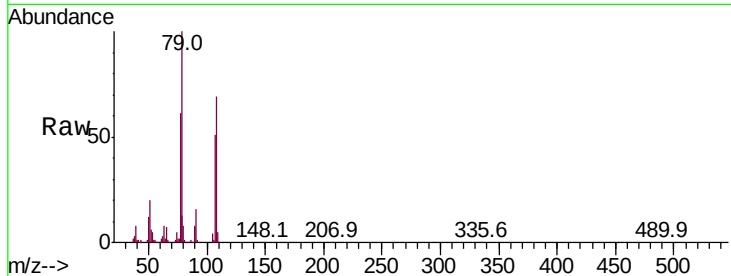
Tot Ion: 79 Resp: 193121

Ion Ratio Lower Upper

79 100

108 69.1 58.2 87.4

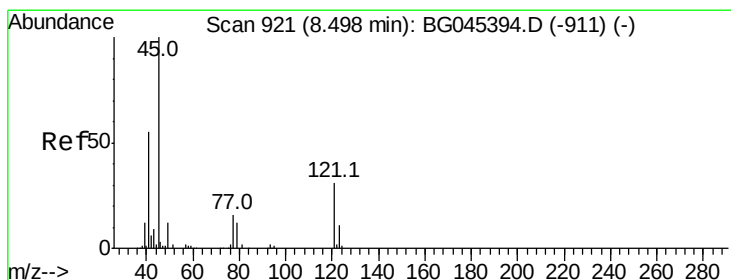
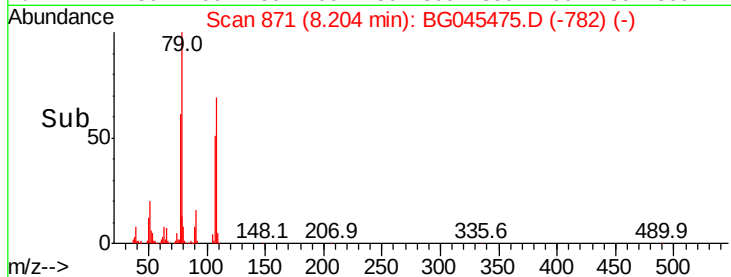
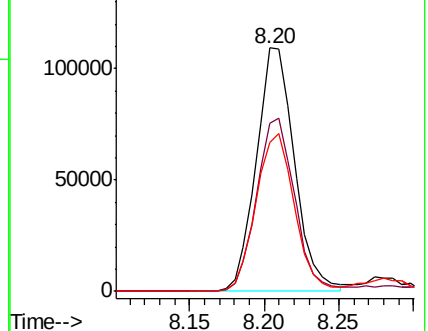
77 61.3 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.642 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

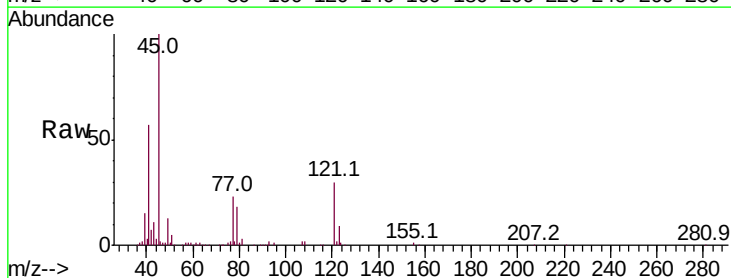
Tgt Ion: 45 Resp: 164860

Ion Ratio Lower Upper

45 100

77 23.1 4.0 44.0

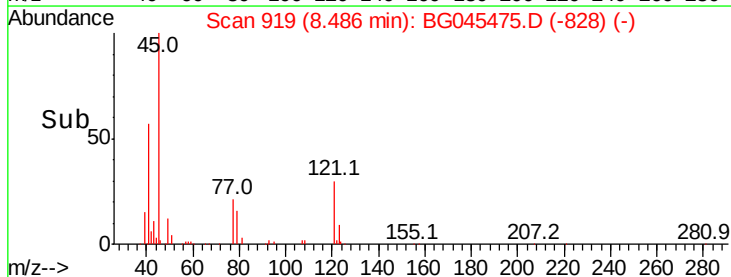
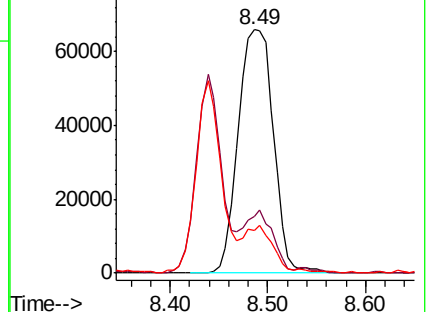
79 17.8 0.0 38.6

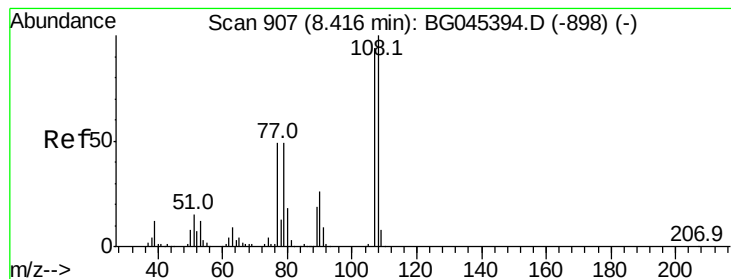


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.529 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

Tot Ion:107 Resp: 174039

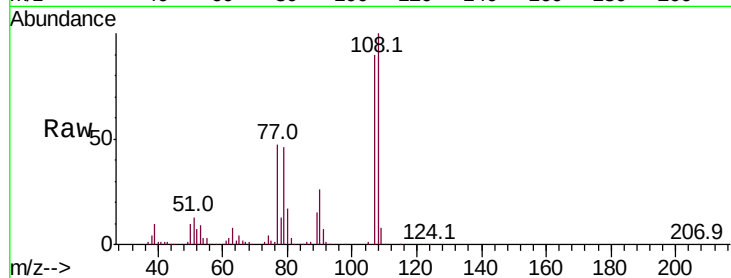
Ion Ratio Lower Upper

107 100

108 111.1 85.2 127.8

77 52.4 41.6 62.4

79 51.0 41.8 62.8

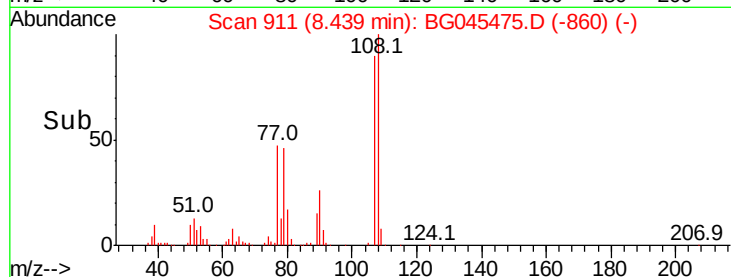


Abundance Ion 107.00 (106.70 to 107.70): E

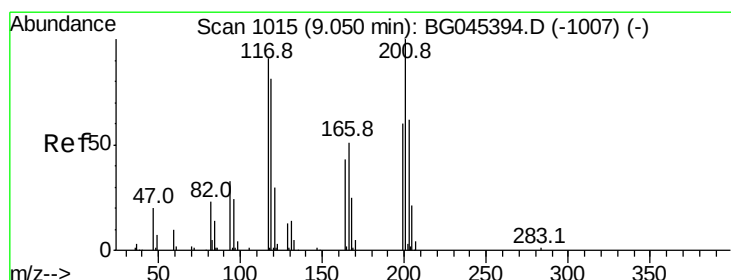
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.35 8.40 8.45 8.50



#18

Hexachloroethane

Concen: 45.216 ng

RT: 9.04 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

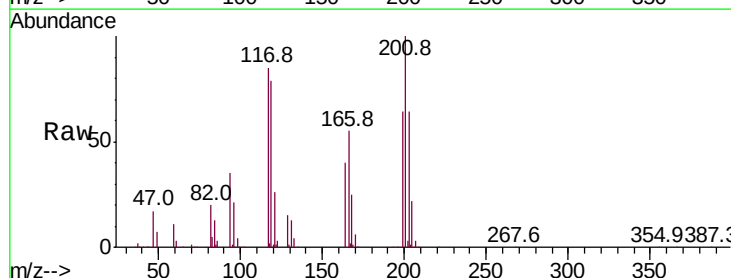
Tgt Ion:117 Resp: 80171

Ion Ratio Lower Upper

117 100

119 93.8 71.3 106.9

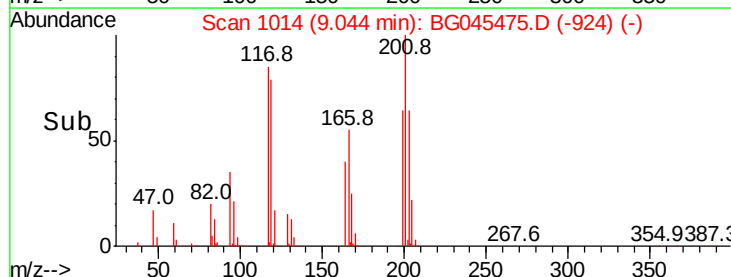
201 118.0 87.5 131.3



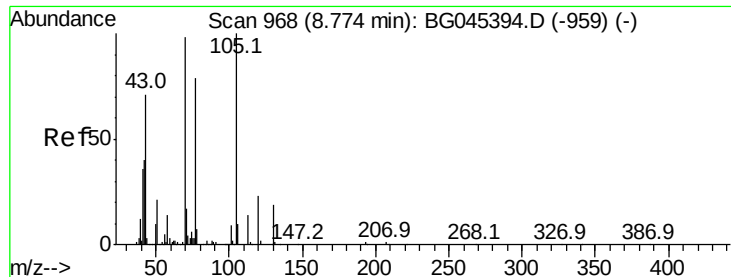
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



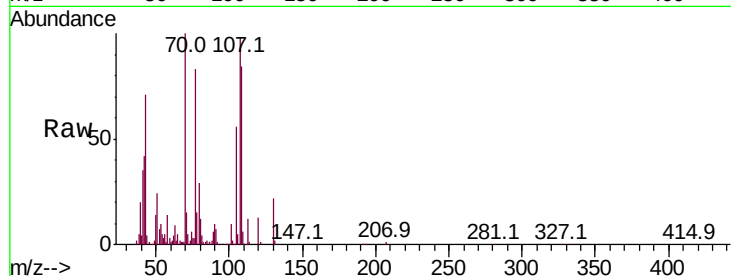
Time--> 8.95 9.00 9.05 9.10



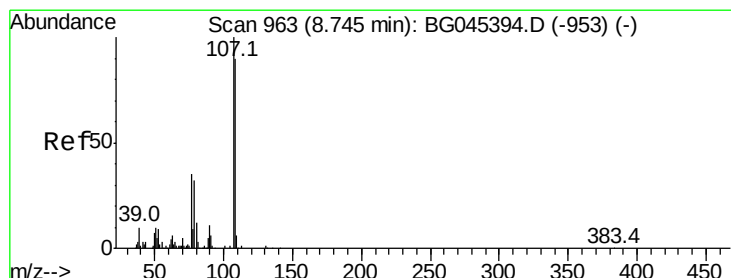
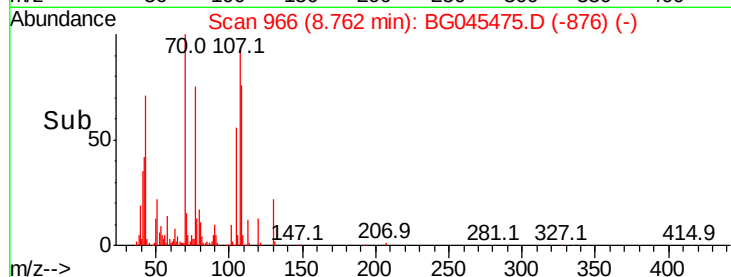
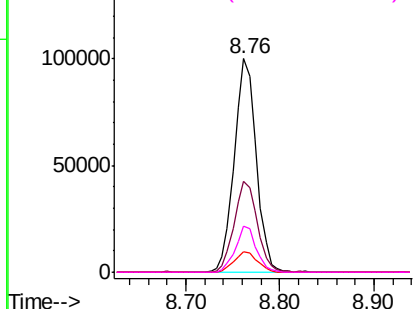
#19
n-Nitroso-di-n-propylamine
Concen: 46.423 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion: 70 Resp: 162644
Ion Ratio Lower Upper
70 100
42 42.4 33.2 49.8
101 9.6 7.8 11.6
130 21.5 15.4 23.2

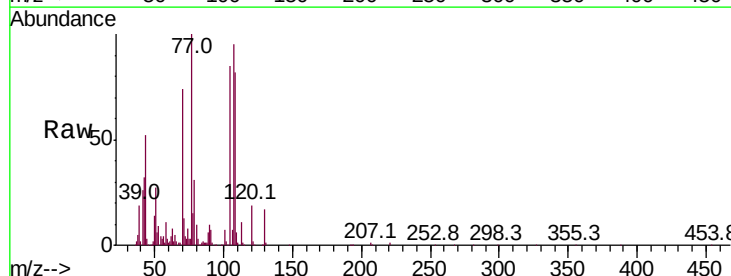


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

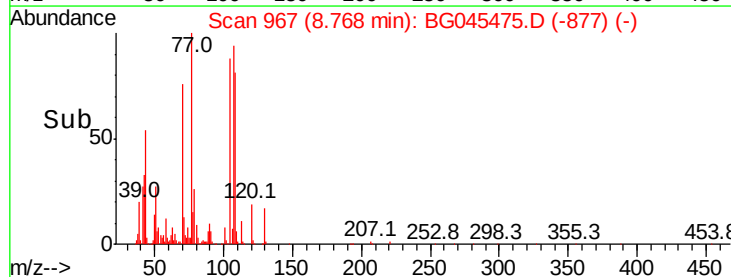
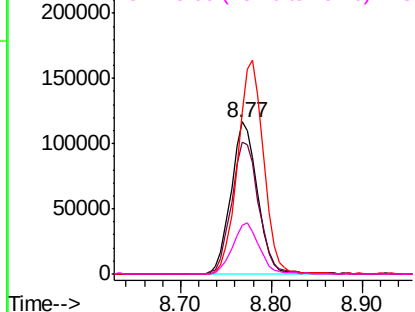


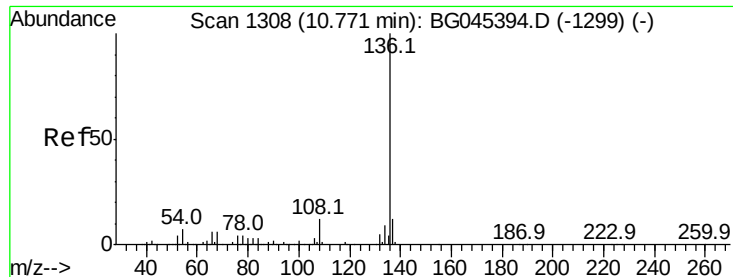
#20
3+4-Methylphenols
Concen: 44.734 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:107 Resp: 238085
Ion Ratio Lower Upper
107 100
108 87.0 70.3 110.3
77 105.8 15.4 55.4#
79 32.4 12.6 52.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

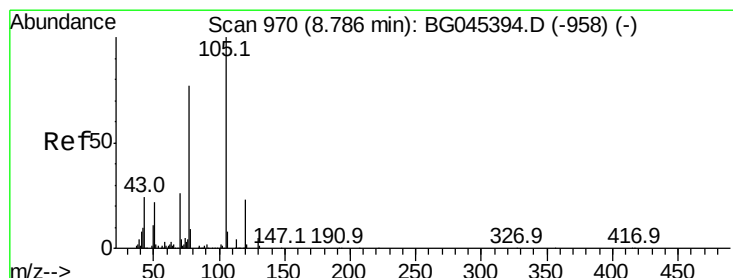
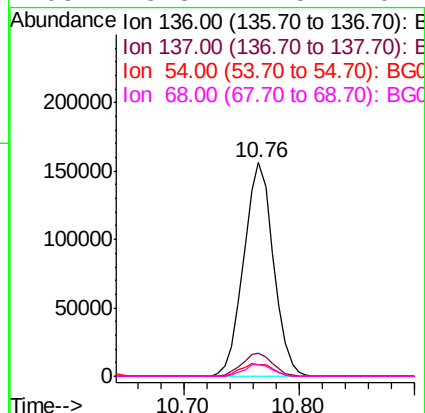
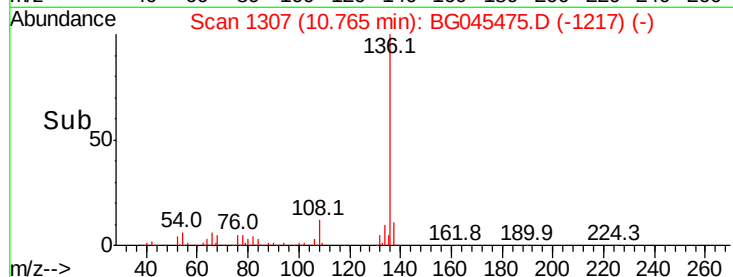
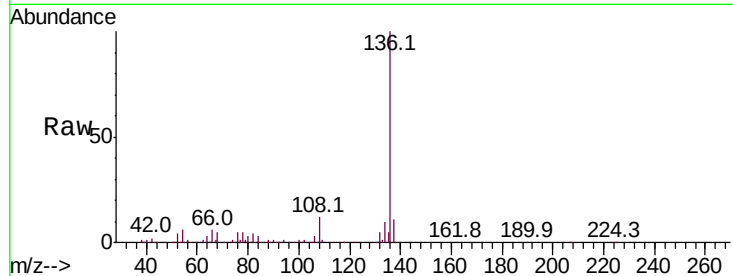




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

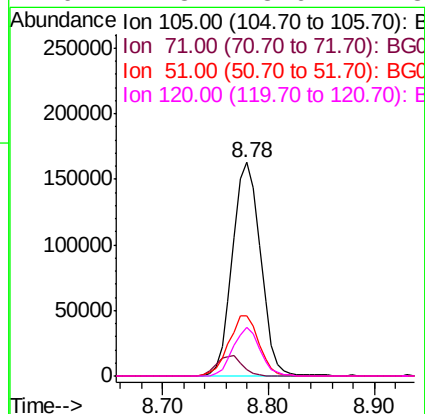
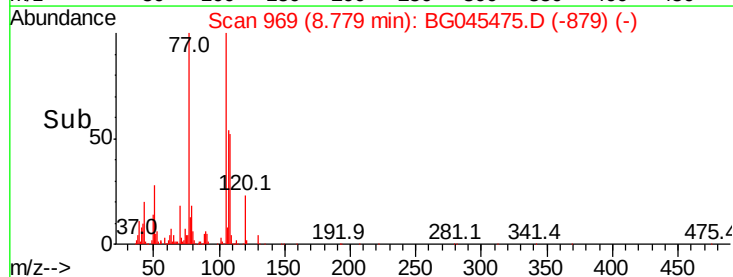
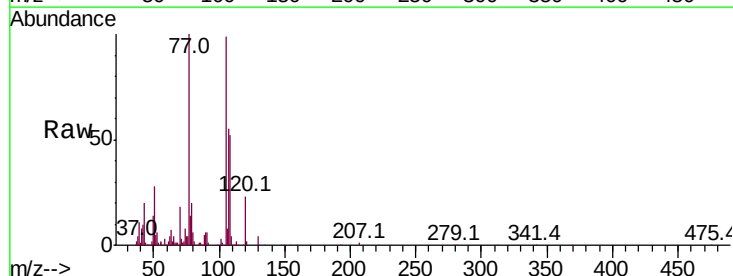
Instrument :
BNA_G
ClientSampleId :
PB129112BS

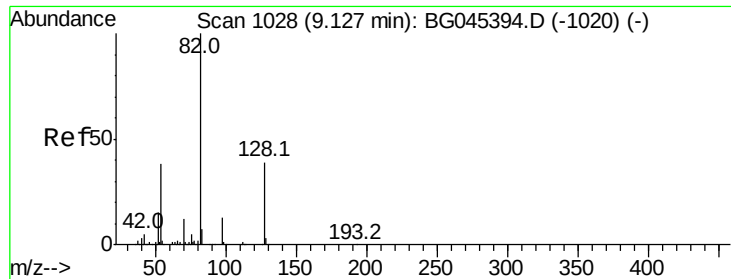
Tot Ion:136	Resp:	278433
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.2
54	5.5	5.8 8.6#
68	5.3	4.5 6.7



#22
Acetophenone
Concen: 45.414 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:105	Resp:	299693
Ion Ratio	Lower	Upper
105	100	
71	3.2	3.4 5.0#
51	28.4	18.2 27.2#
120	22.8	18.6 27.8

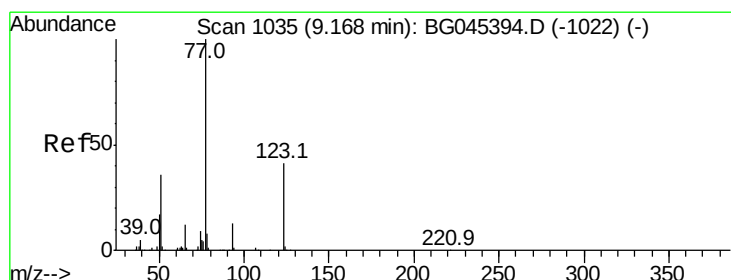
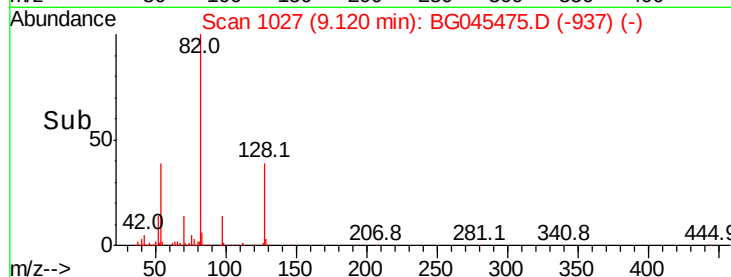
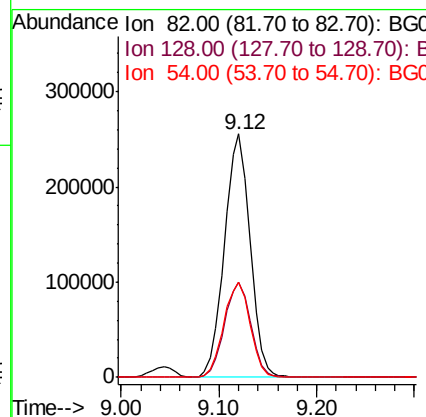
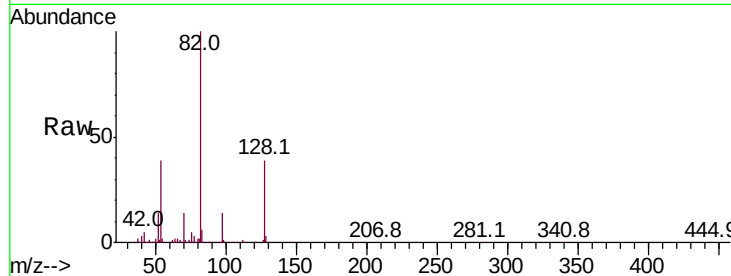




#23
 Nitrobenzene-d5
 Concen: 91.087 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

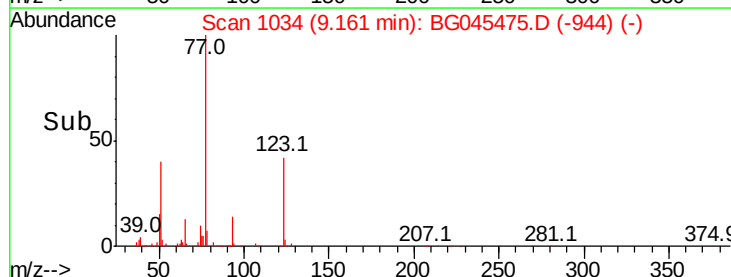
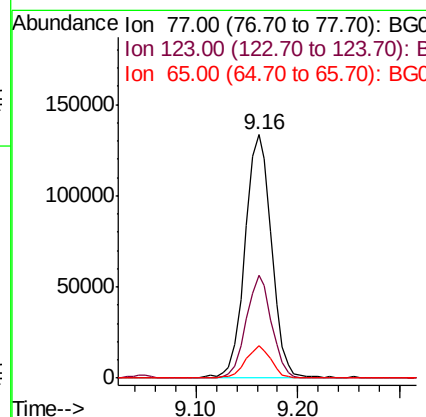
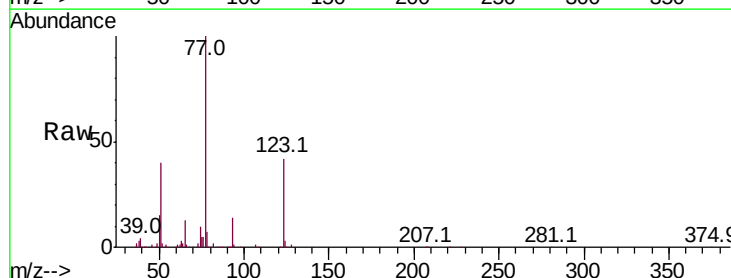
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

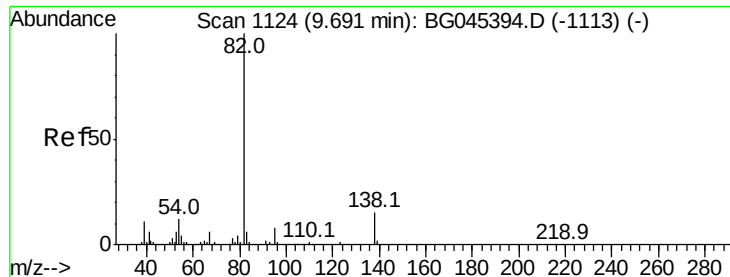
Tot Ion	82	Resp	465082
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	39.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.994 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	77	Resp	240669
Ion Ratio	Lower	Upper	
77	100		
123	42.0	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 44.931 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

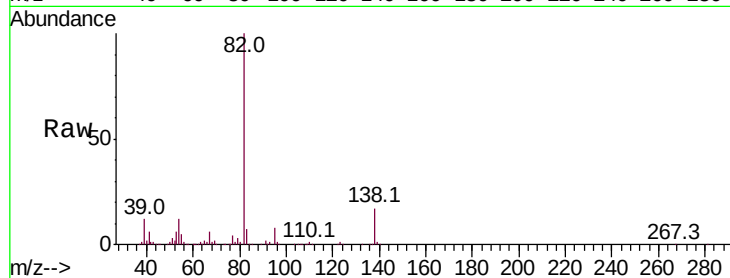
Tot Ion: 82 Resp: 451800

Ion Ratio Lower Upper

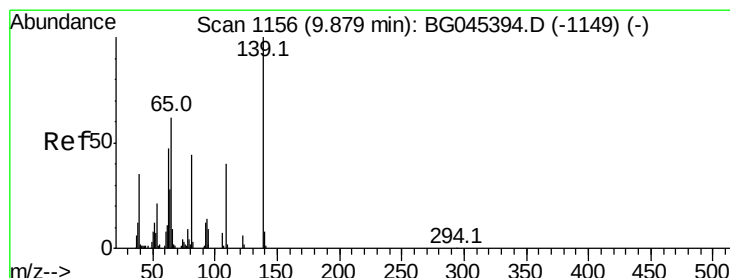
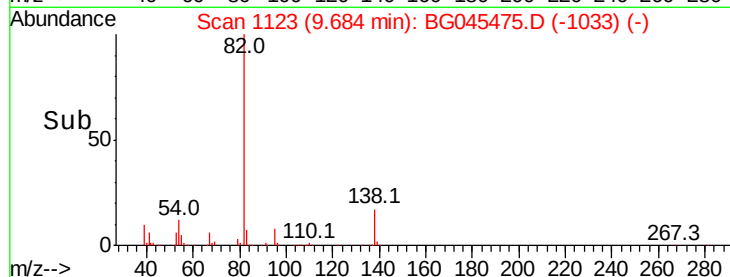
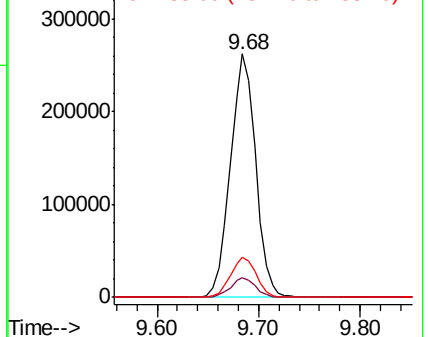
82 100

95 8.2 6.7 10.1

138 16.5 12.2 18.4



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



#26

2-Nitrophenol

Concen: 46.351 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

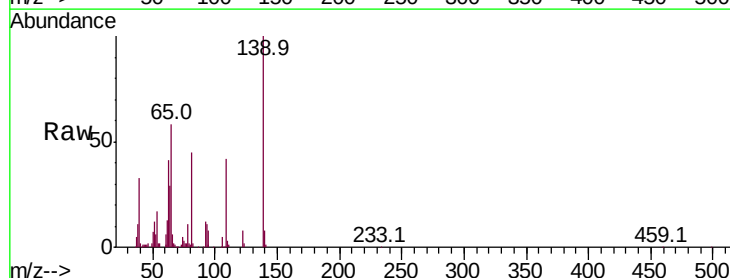
Tgt Ion: 139 Resp: 108468

Ion Ratio Lower Upper

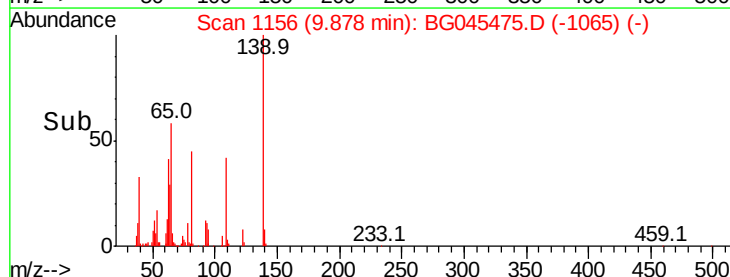
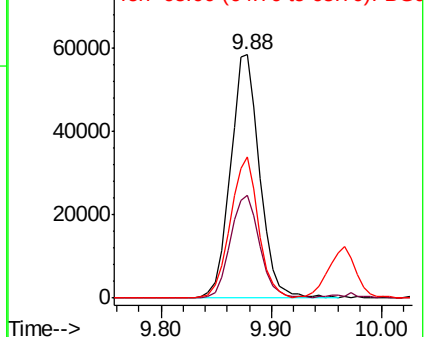
139 100

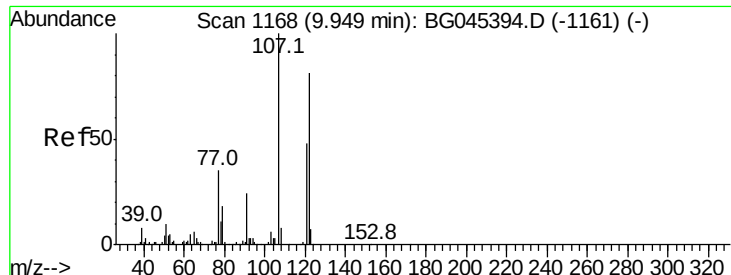
109 42.0 32.2 48.4

65 58.1 49.6 74.4



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

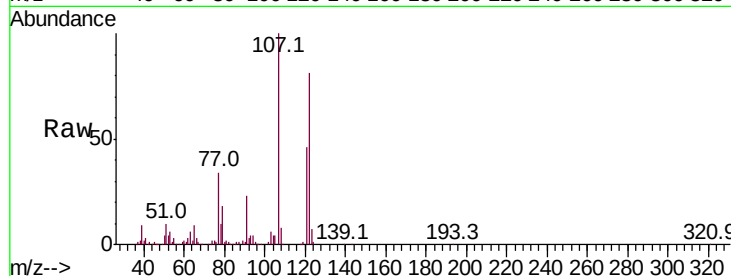




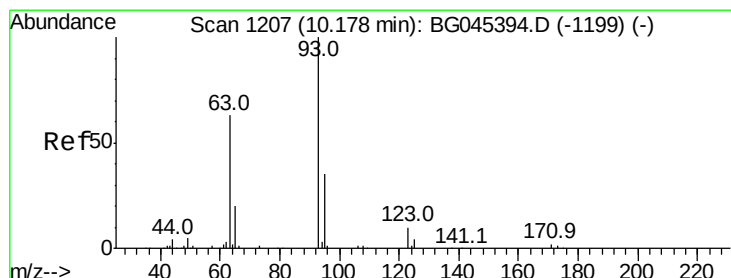
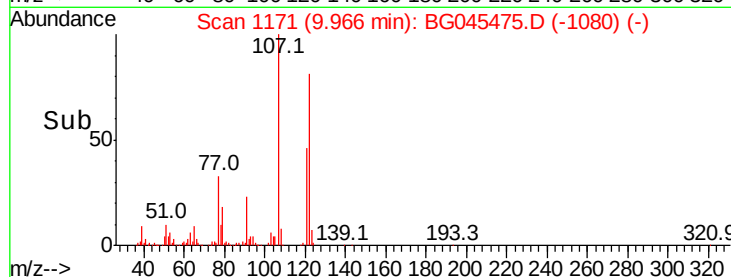
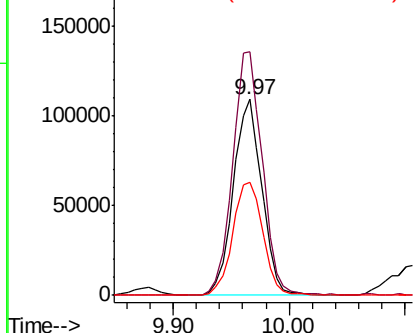
#27
2,4-Dimethylphenol
Concen: 54.106 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion:122 Resp: 187794
Ion Ratio Lower Upper
122 100
107 124.1 99.0 148.4
121 57.5 47.7 71.5

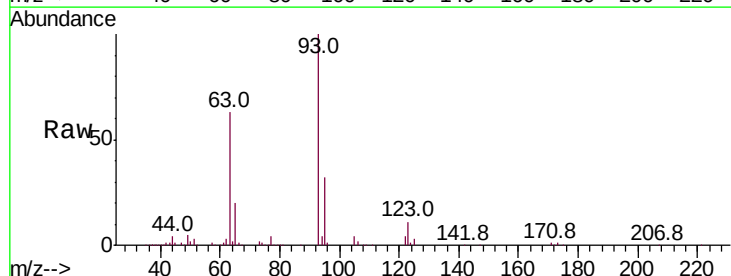


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

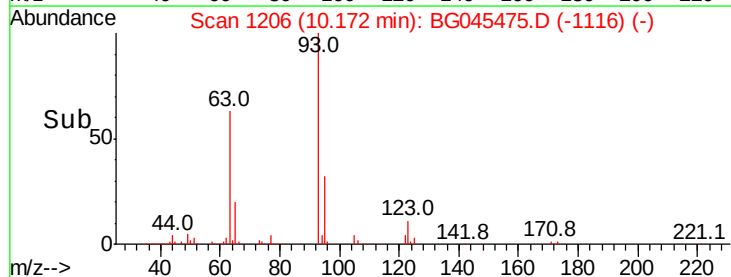
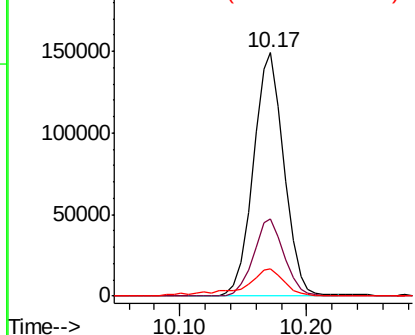


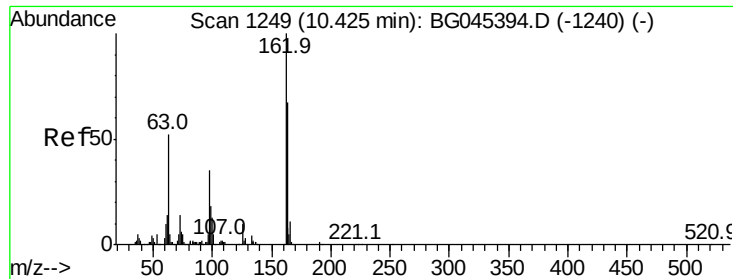
#28
bis(2-Chloroethoxy)methane
Concen: 47.324 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion: 93 Resp: 249561
Ion Ratio Lower Upper
93 100
95 31.8 27.6 41.4
123 11.0 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

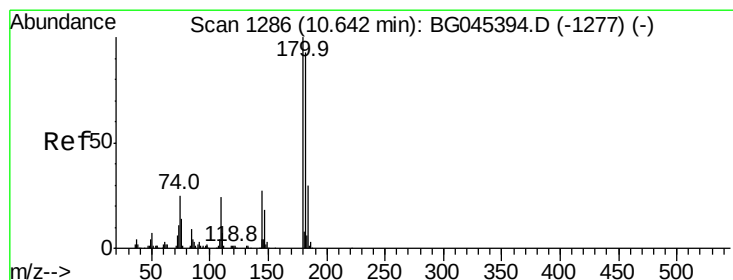
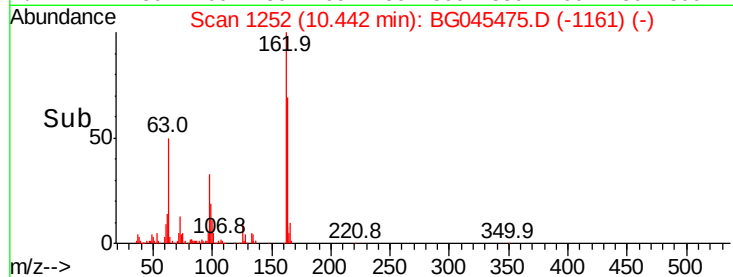
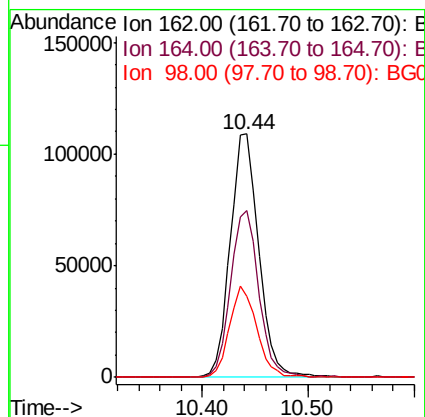
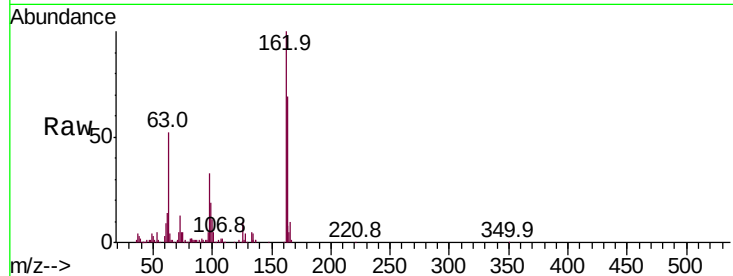




#29
 2,4-Dichlorophenol
 Concen: 49.701 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

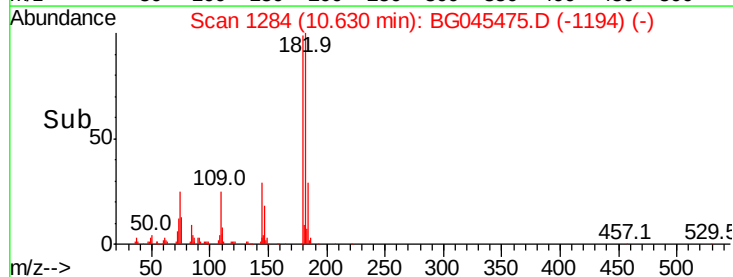
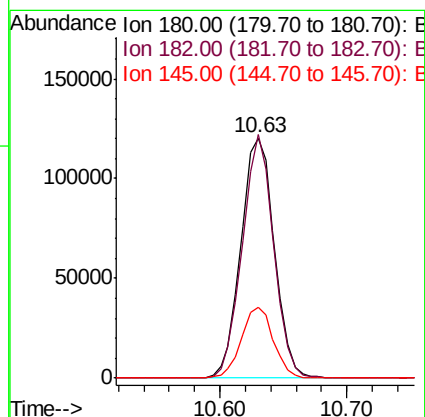
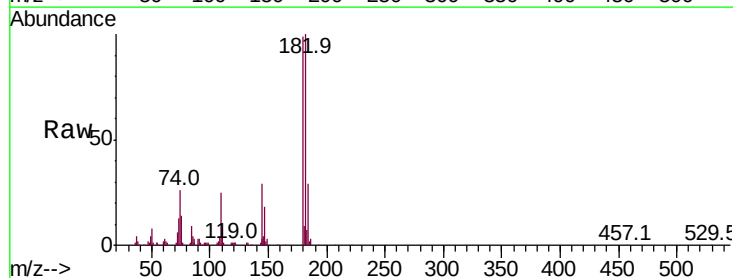
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

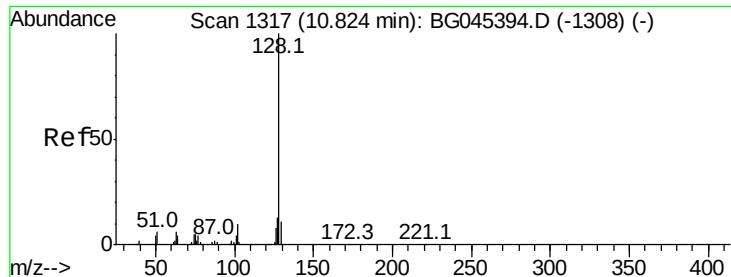
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.7	46.8	86.8
98	33.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.384 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	74.8	112.2
145	29.3	21.9	32.9

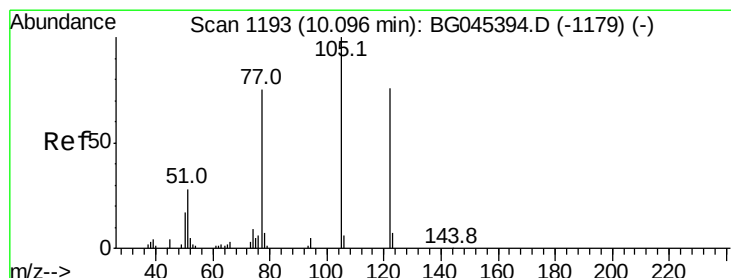
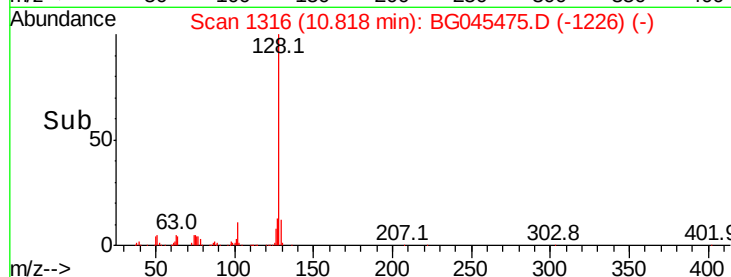
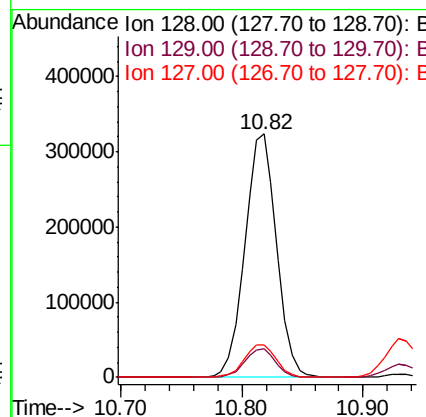
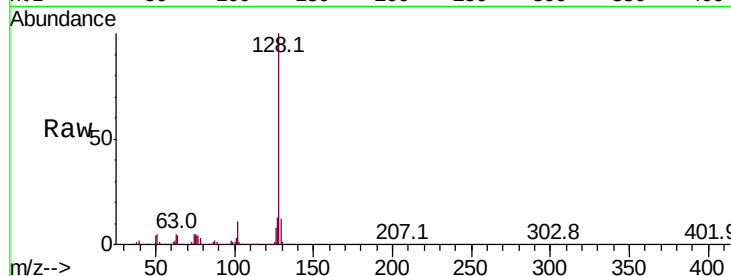




#31
Naphthalene
Concen: 45.430 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

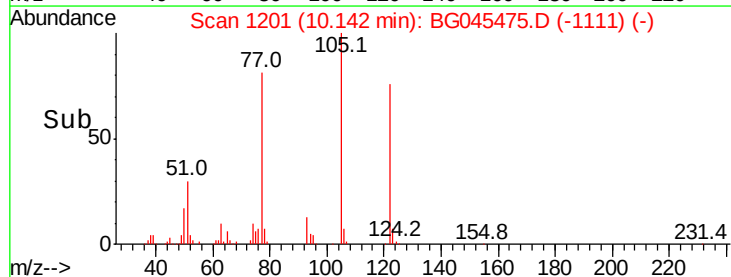
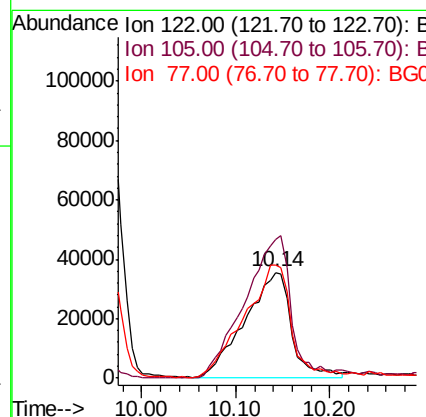
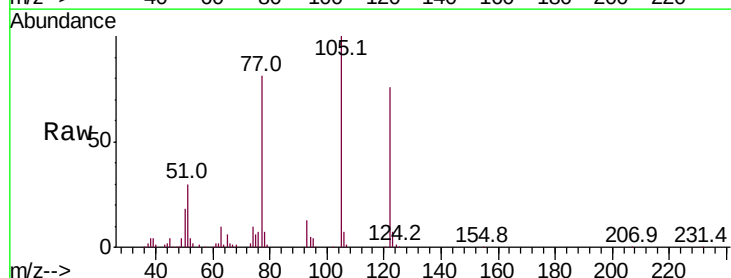
Instrument :
BNA_G
ClientSampleId :
PB129112BS

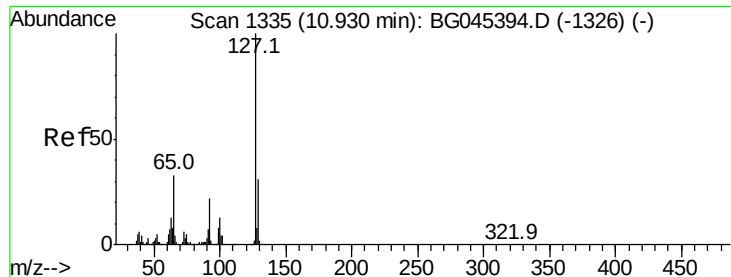
Tot Ion:128 Resp: 589444
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.587 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:122 Resp: 121026
Ion Ratio Lower Upper
122 100
105 131.6 107.9 147.9
77 107.2 78.9 118.9

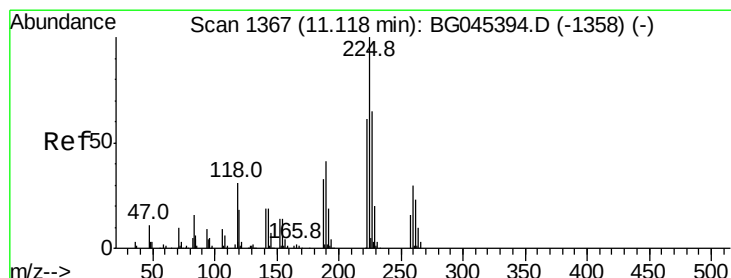
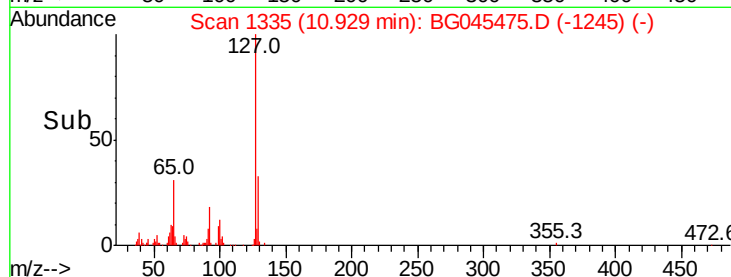
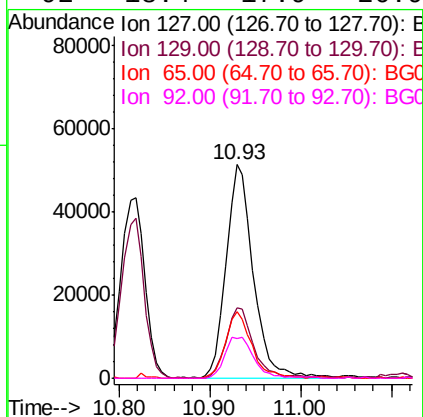
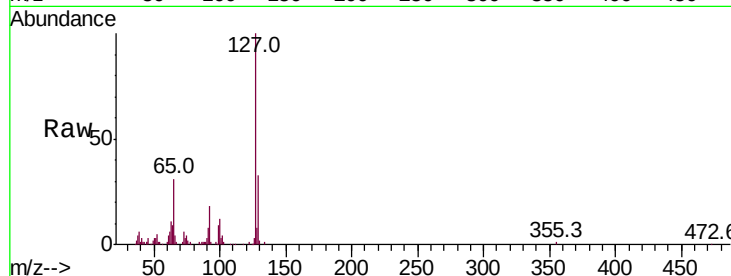




#33
4-Chloroaniline
Concen: 19.758 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

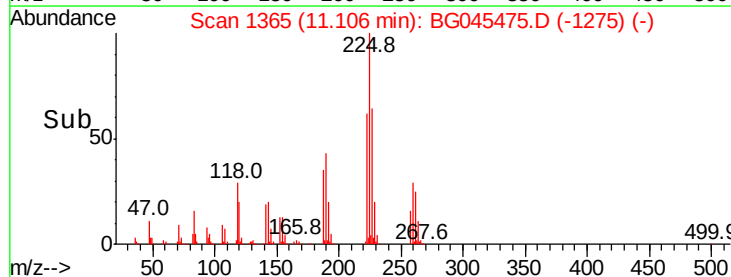
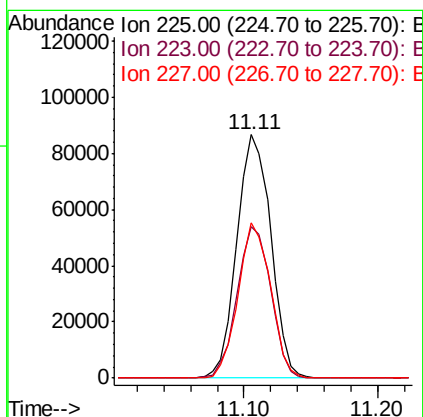
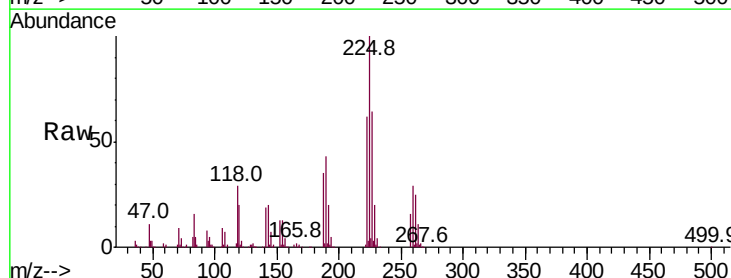
Instrument :
BNA_G
ClientSampleId :
PB129112BS

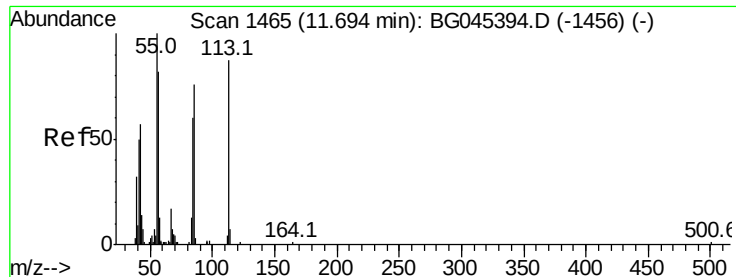
Tot Ion:	127	Resp:	107155
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.7	37.1
65	31.2	26.2	39.2
92	18.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 44.575 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:	225	Resp:	152600
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.1	73.7
227	63.9	52.0	78.0





#35

Caprolactam

Concen: 22.027 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

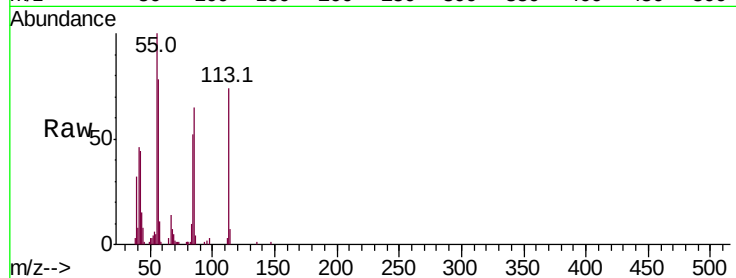
Tot Ion:113 Resp: 33137

Ion Ratio Lower Upper

113 100

55 135.6 96.0 136.0

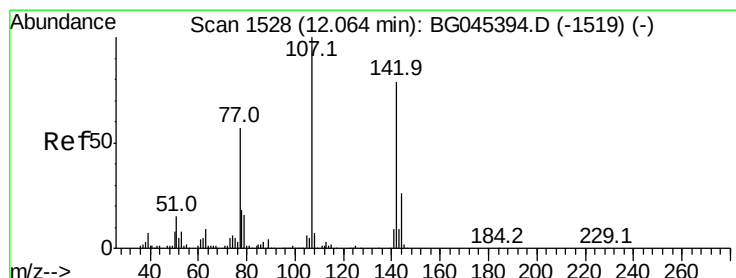
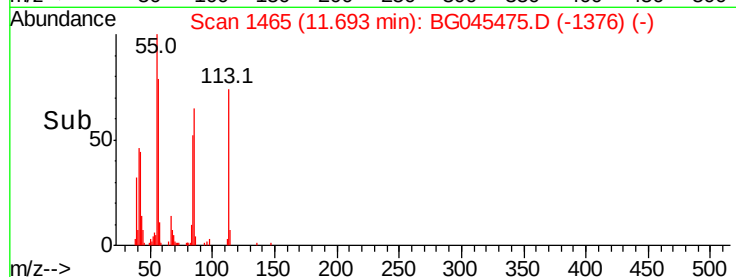
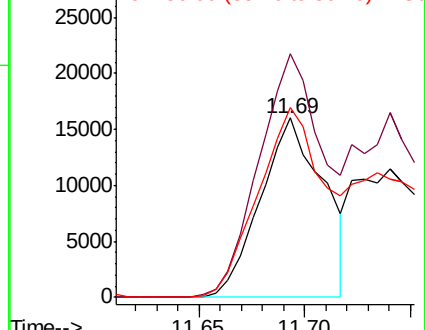
56 106.0 75.1 115.1



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: 50.169 ng

RT: 12.09 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

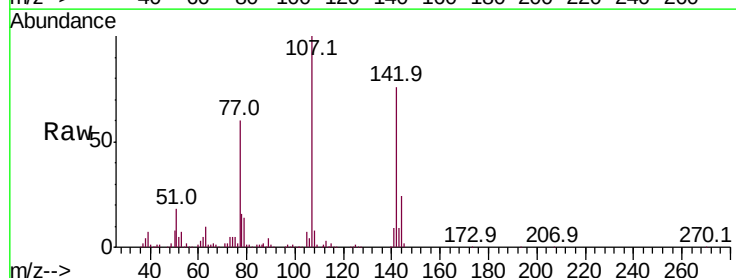
Tgt Ion:107 Resp: 231703

Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

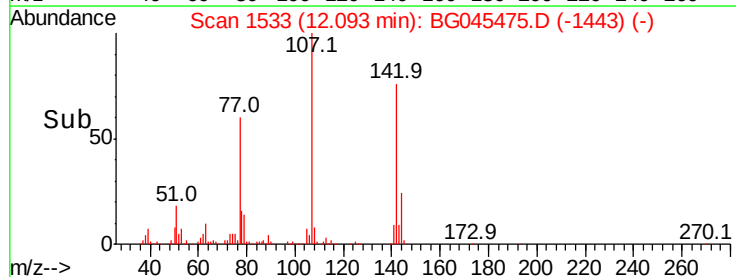
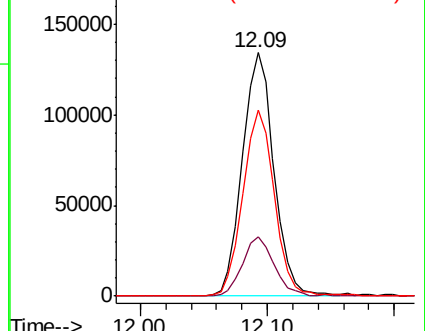
142 76.3 62.8 94.2

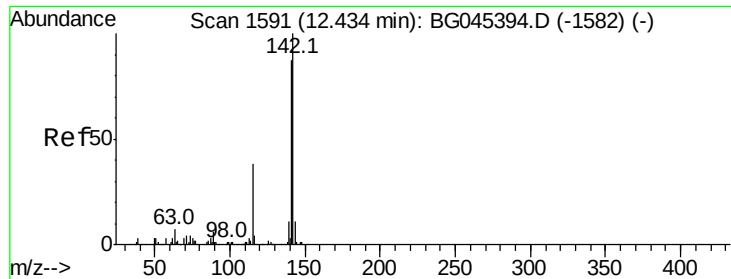


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.825 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

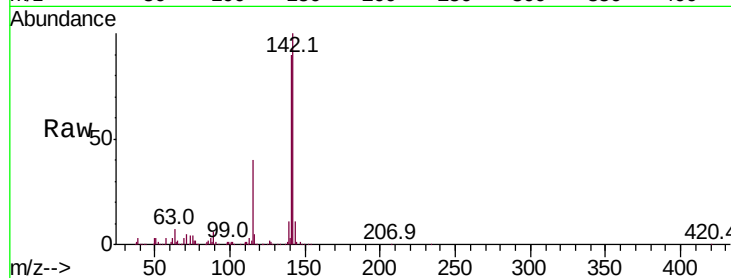
Tot Ion:142 Resp: 452831

Ion Ratio Lower Upper

142 100

141 90.4 70.0 105.0

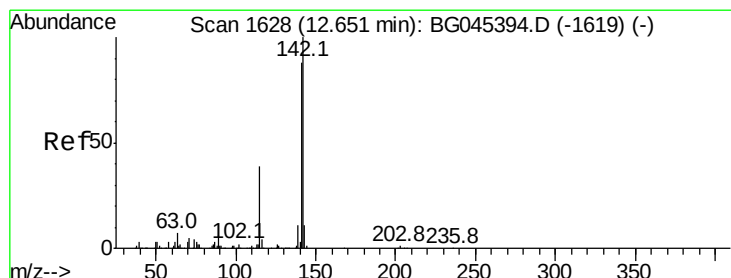
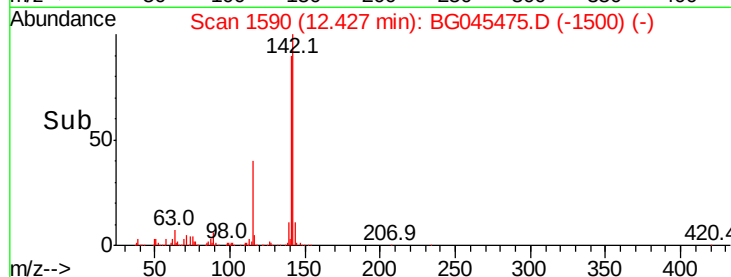
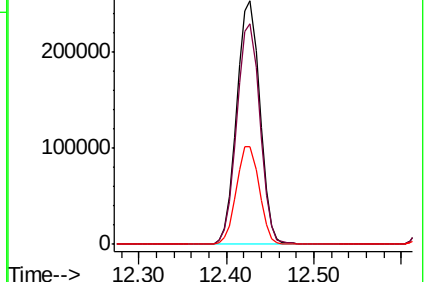
115 40.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.467 ng

RT: 12.64 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

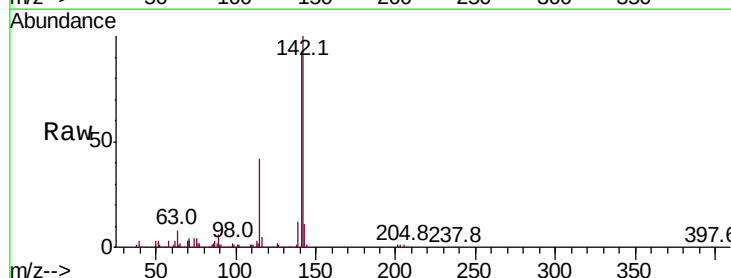
Tgt Ion:142 Resp: 433616

Ion Ratio Lower Upper

142 100

141 93.3 70.8 106.2

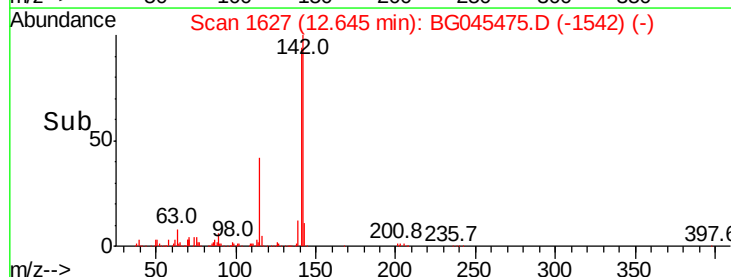
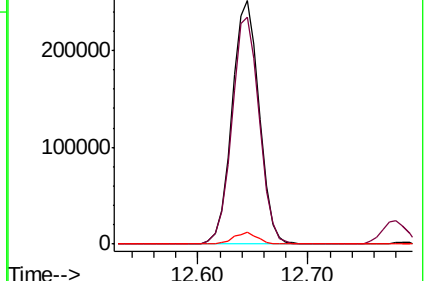
116 4.8 3.0 4.6#

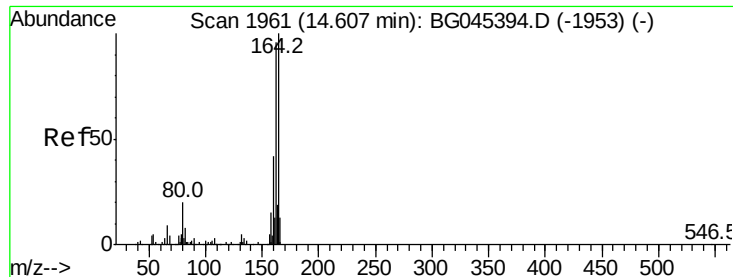


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

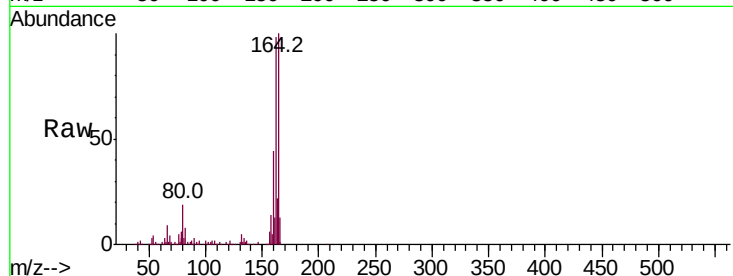
Tot Ion:164 Resp: 206714

Ion Ratio Lower Upper

164 100

162 98.3 76.9 115.3

160 44.3 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

14.60

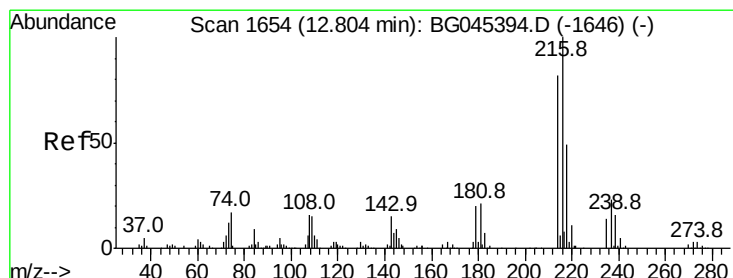
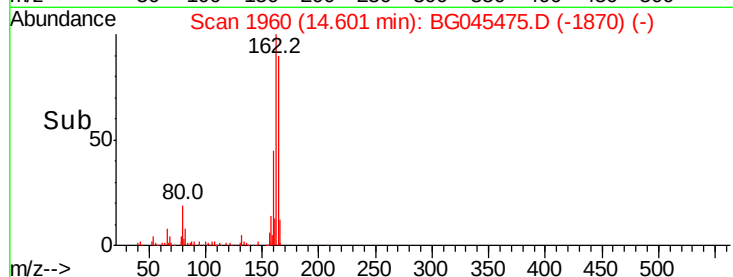
150000

100000

50000

0

Time--> 14.50 14.60 14.70



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.148 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:216 Resp: 260677

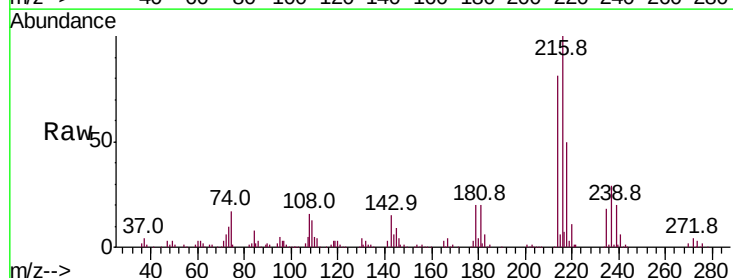
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 20.0 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

200000

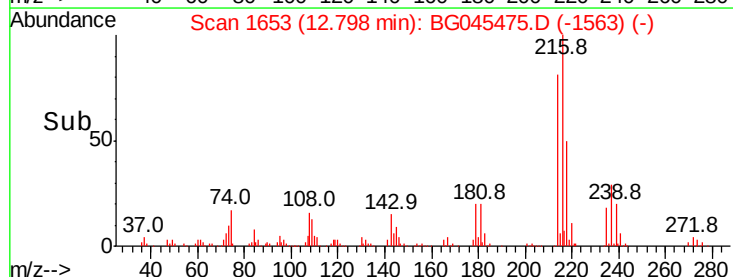
150000

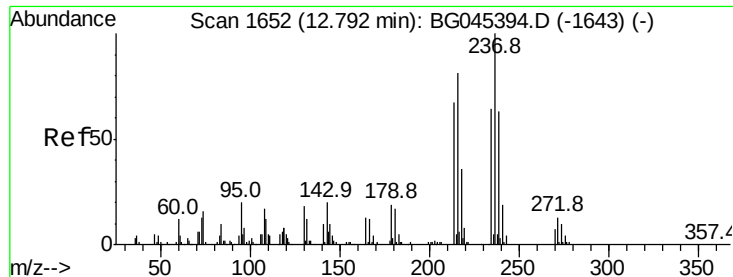
100000

50000

0

Time--> 12.70 12.75 12.80 12.85





#41

Hexachlorocyclopentadiene

Concen: 106.589 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

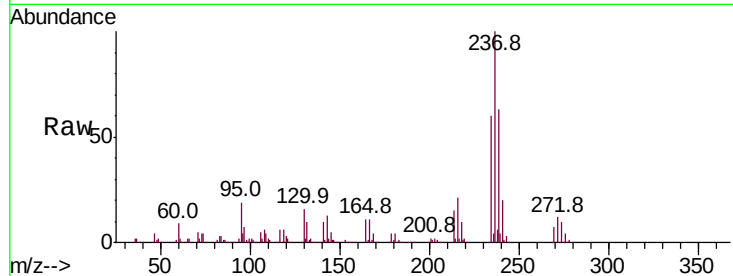
Tot Ion:237 Resp: 355215

Ion Ratio Lower Upper

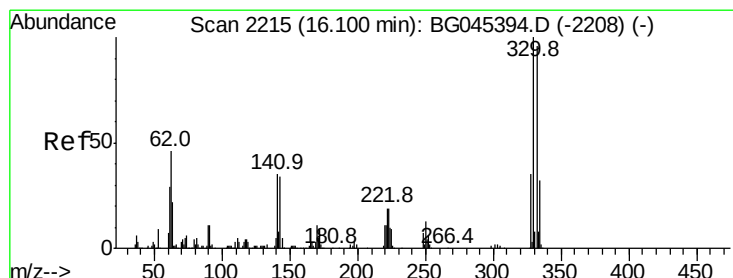
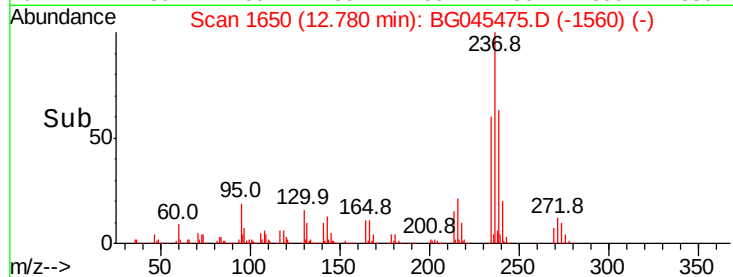
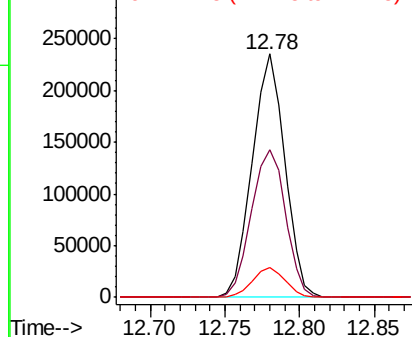
237 100

235 60.5 44.4 84.4

272 12.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.607 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

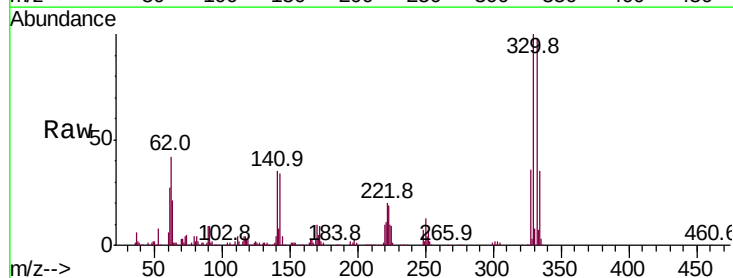
Tgt Ion:330 Resp: 374359

Ion Ratio Lower Upper

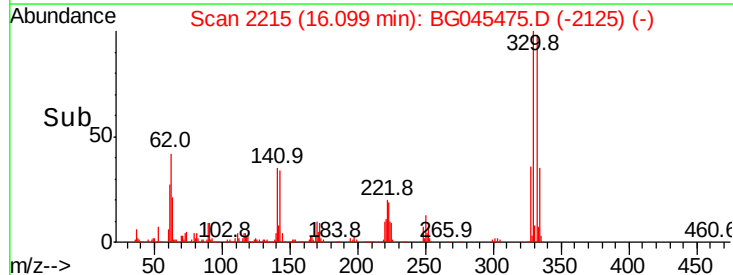
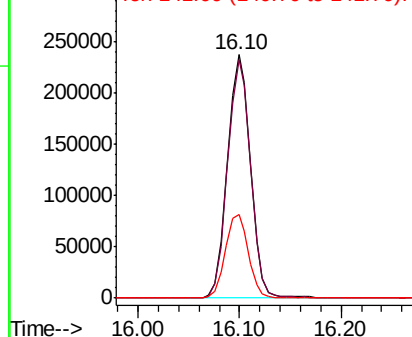
330 100

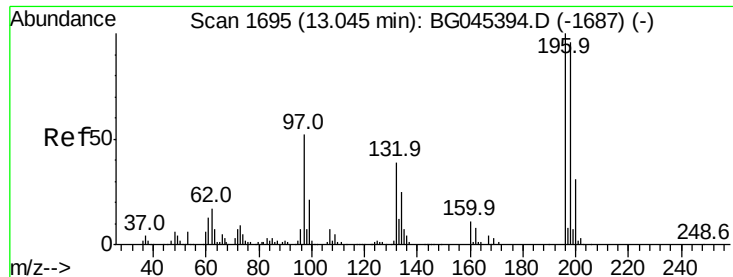
332 97.5 78.2 117.4

141 34.4 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

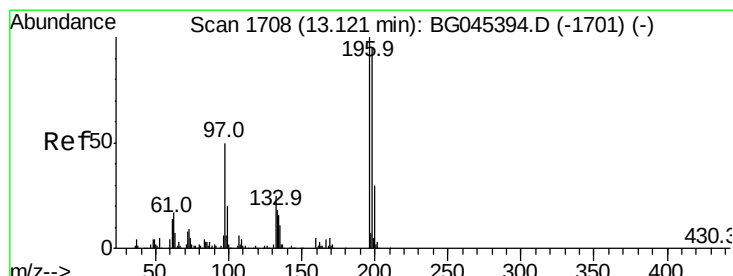
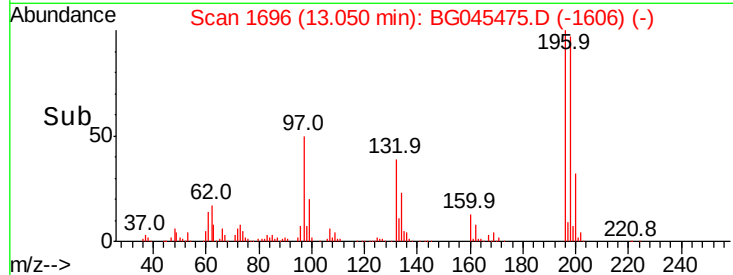
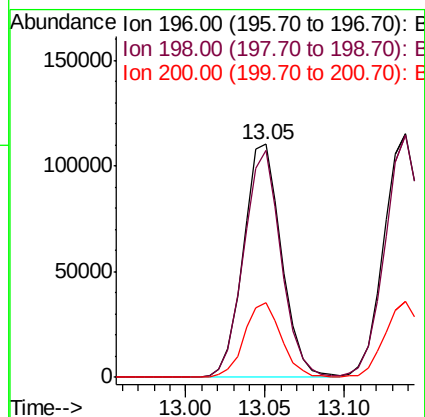
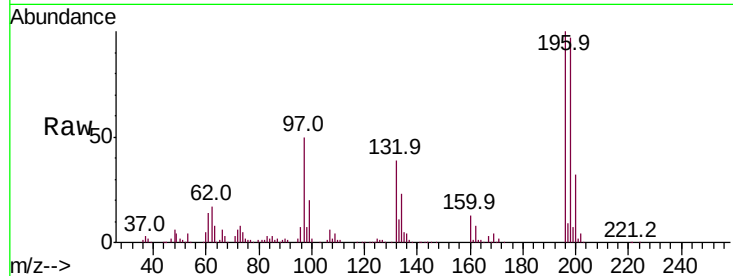




#43
 2,4,6-Trichlorophenol
 Concen: 45.953 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

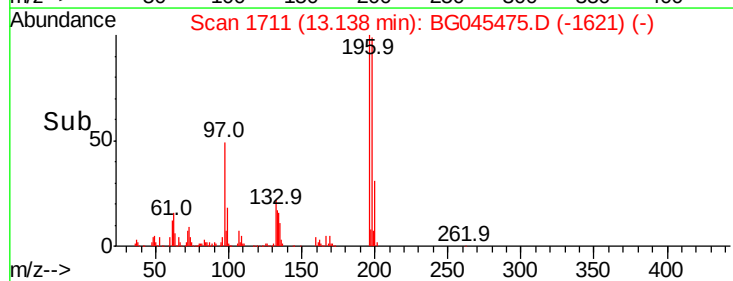
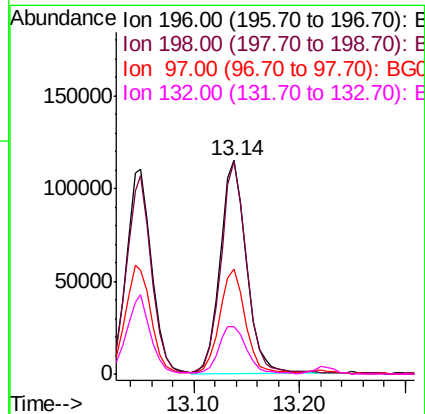
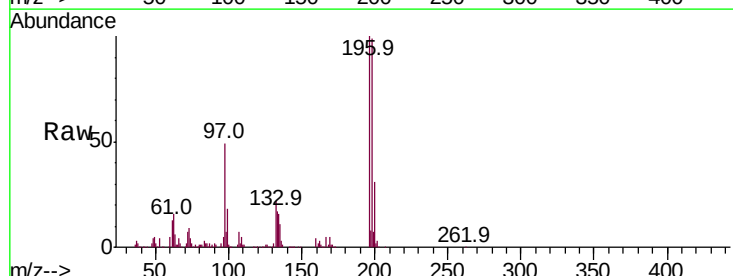
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

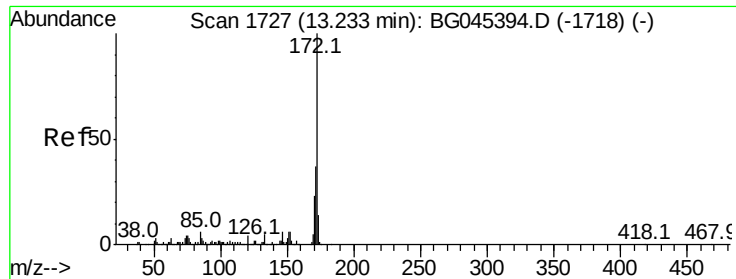
Tot Ion:196 Resp: 184310
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.7 115.1
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.603 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:196 Resp: 199850
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.1 114.1
 97 49.2 40.0 60.0
 132 22.2 20.2 30.2

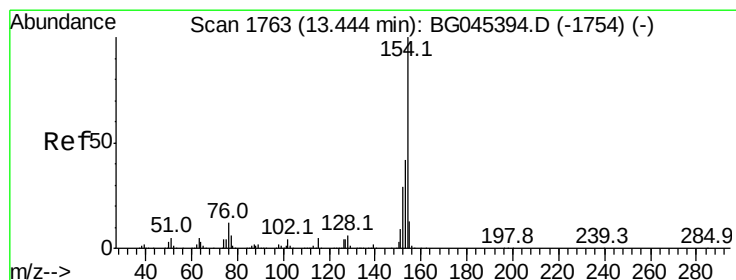
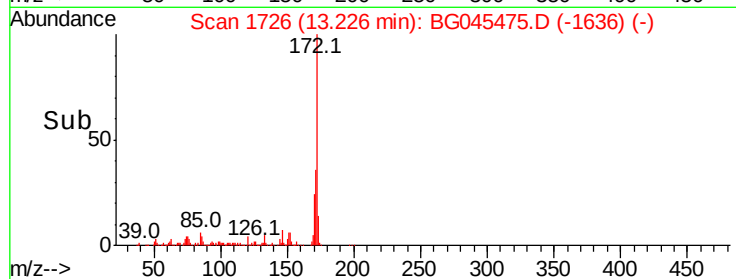
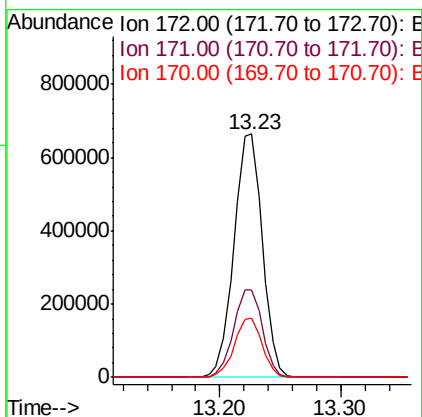
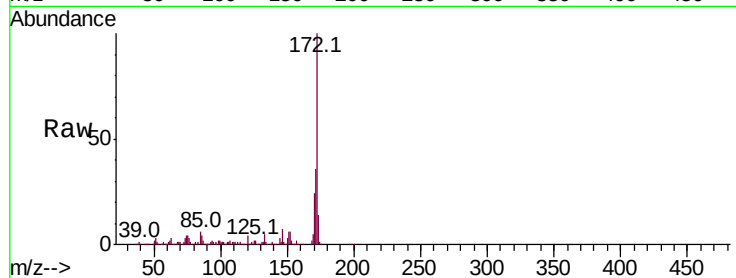




#45
2-Fluorobiphenyl
Concen: 89.493 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

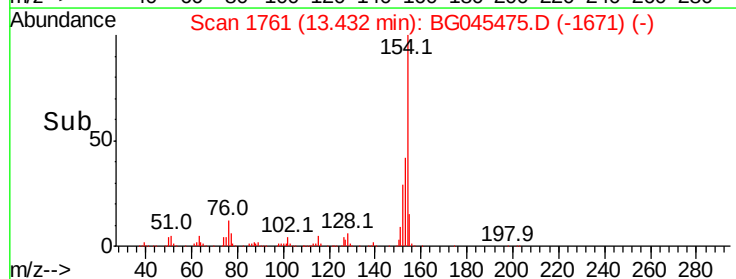
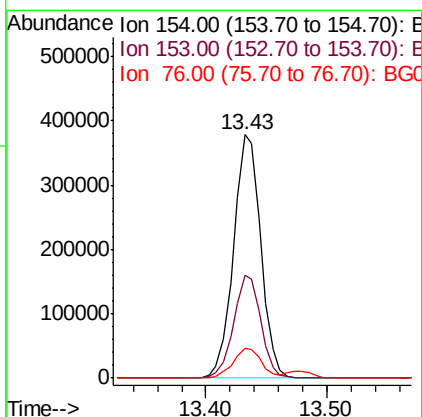
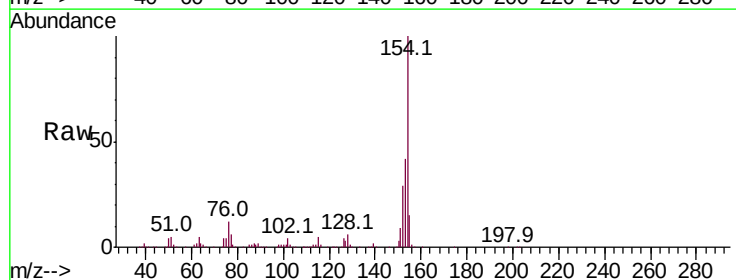
Instrument :
BNA_G
ClientSampleId :
PB129112BS

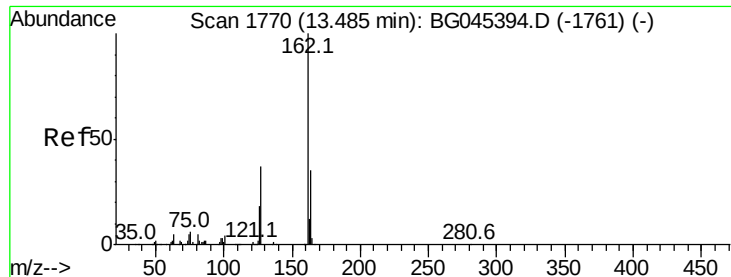
Tot Ion:172 Resp: 1090631
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.696 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:154 Resp: 593116
Ion Ratio Lower Upper
154 100
153 42.0 22.2 62.2
76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 43.909 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

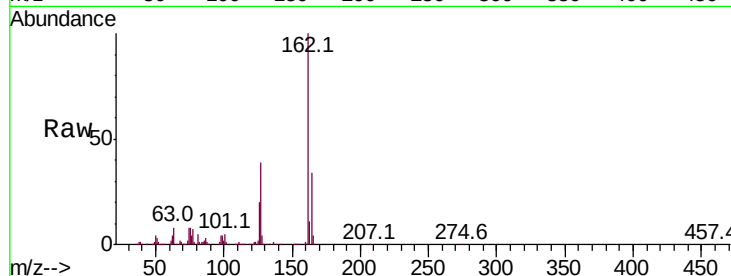
Tot Ion:162 Resp: 452887

Ion Ratio Lower Upper

162 100

127 39.4 31.6 47.4

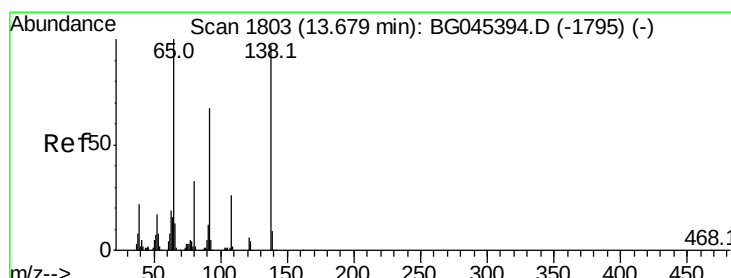
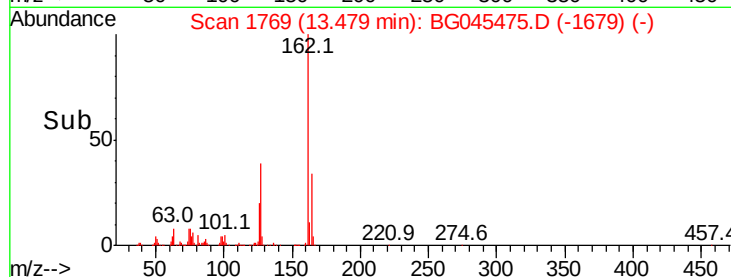
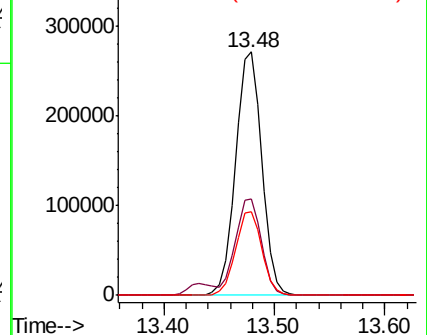
164 34.5 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.598 ng

RT: 13.68 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

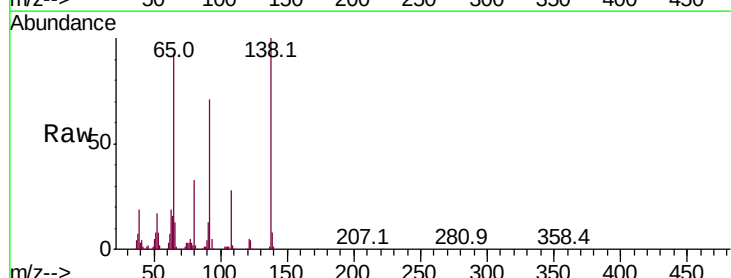
Tgt Ion: 65 Resp: 147920

Ion Ratio Lower Upper

65 100

92 76.9 53.8 80.8

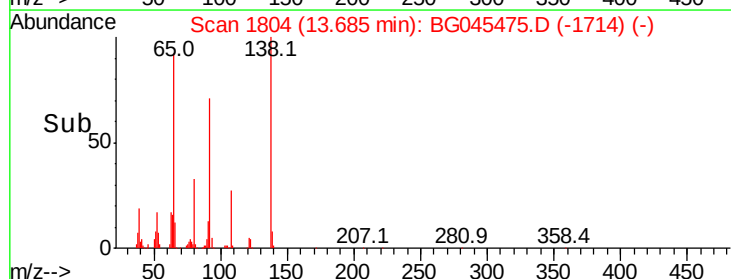
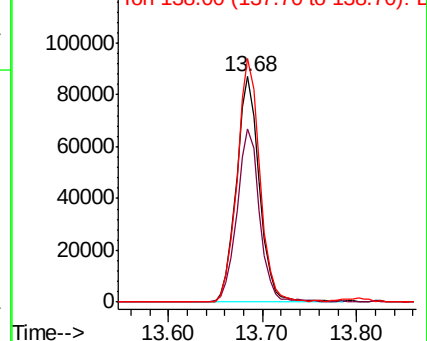
138 108.0 77.9 116.9

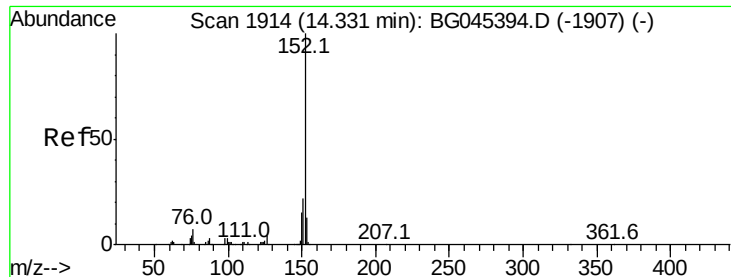


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.502 ng

RT: 14.32 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

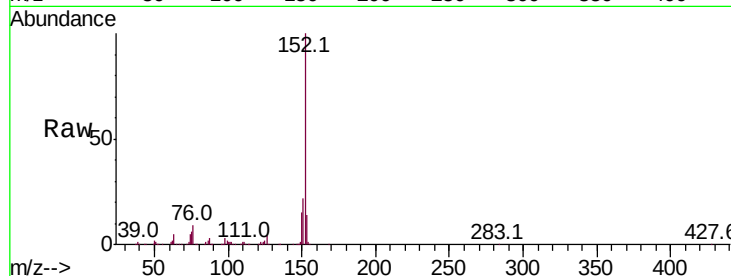
Tot Ion:152 Resp: 770410

Ion Ratio Lower Upper

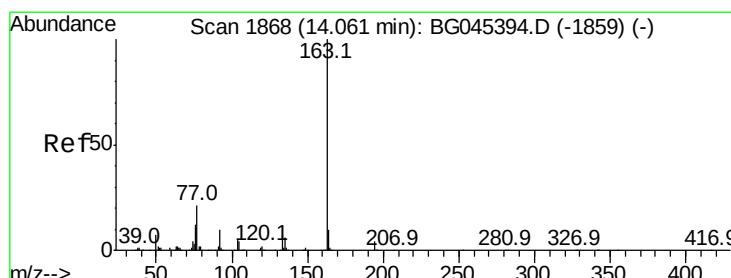
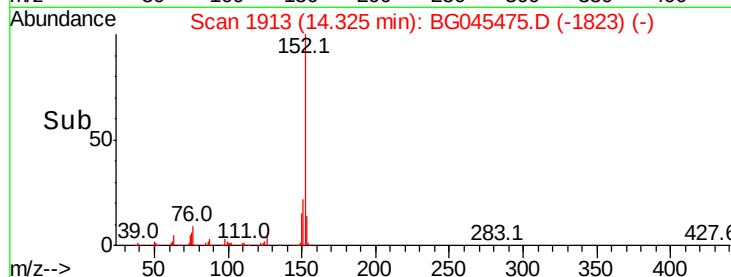
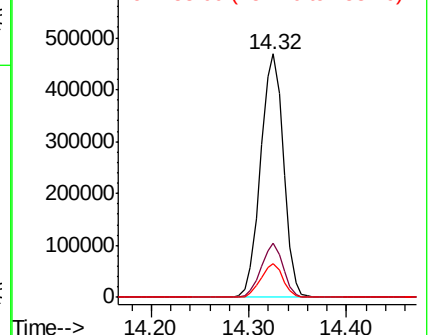
152 100

151 22.1 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: 45.496 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

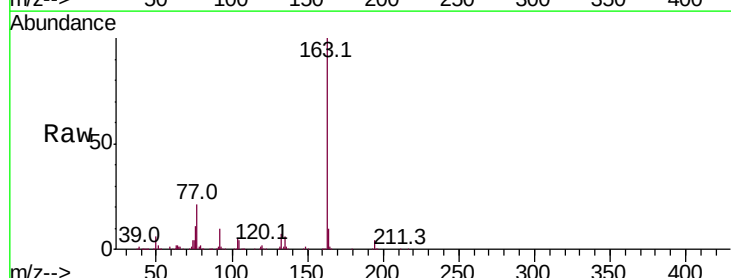
Tgt Ion:163 Resp: 645150

Ion Ratio Lower Upper

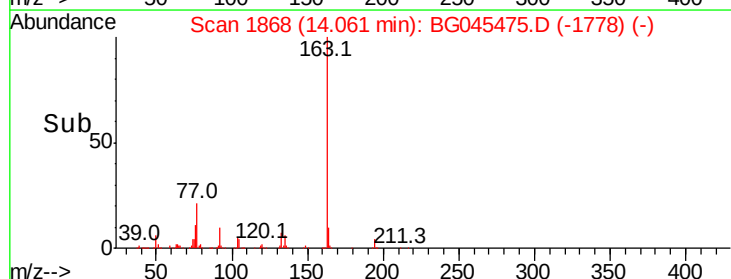
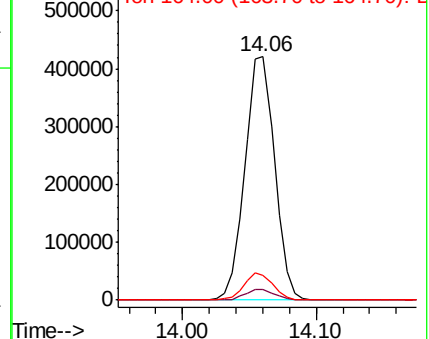
163 100

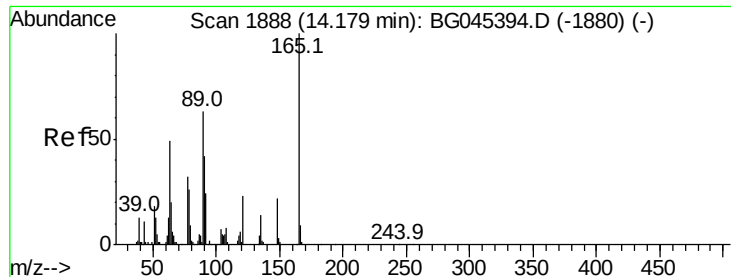
194 4.5 3.2 4.8

164 10.4 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

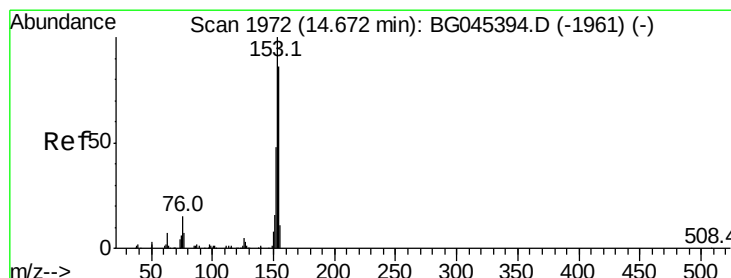
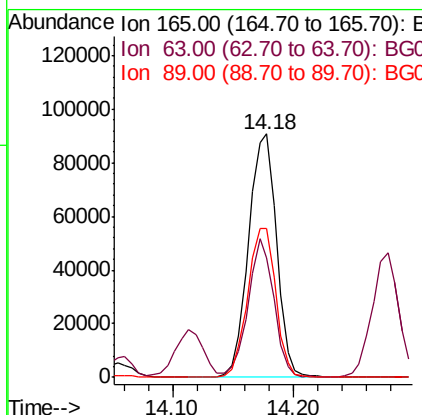
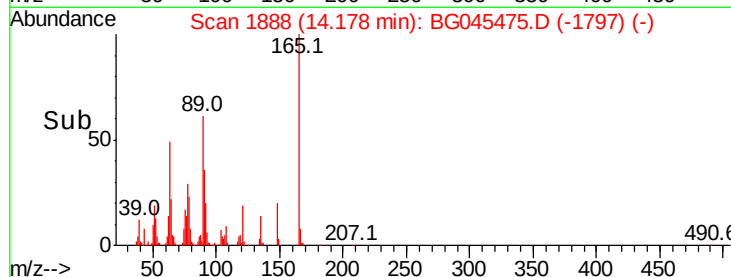
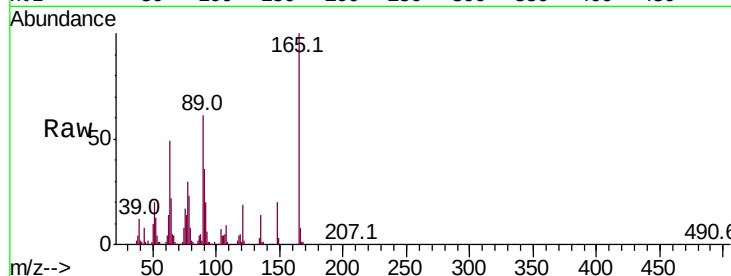




#51
 2,6-Dinitrotoluene
 Concen: 45.948 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

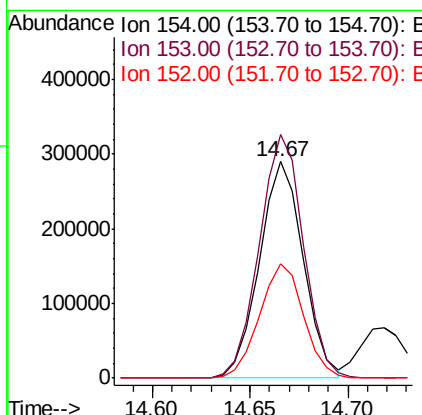
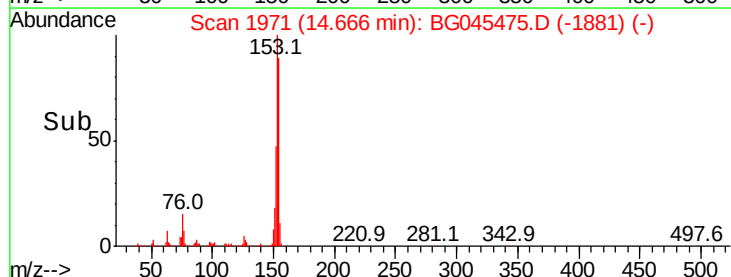
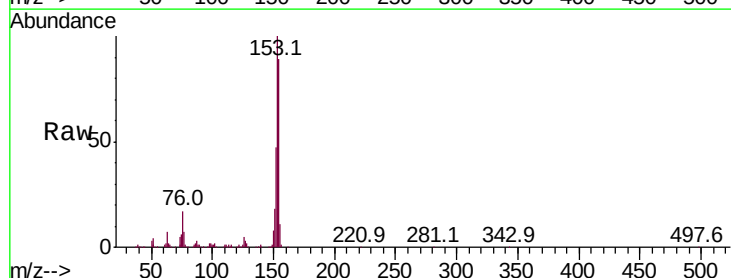
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

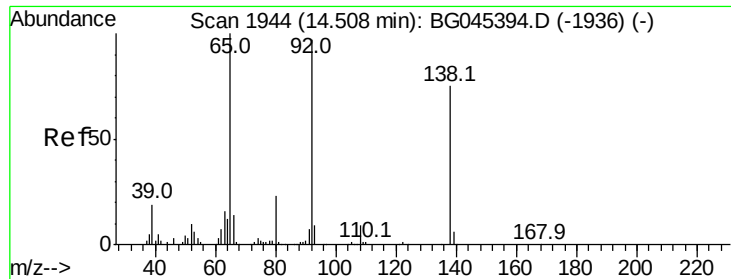
Tot Ion:165 Resp: 147025
 Ion Ratio Lower Upper
 165 100
 63 49.1 45.0 67.4
 89 60.9 50.2 75.4



#52
 Acenaphthene
 Concen: 40.564 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:154 Resp: 449843
 Ion Ratio Lower Upper
 154 100
 153 112.5 92.8 139.2
 152 52.6 44.6 66.8

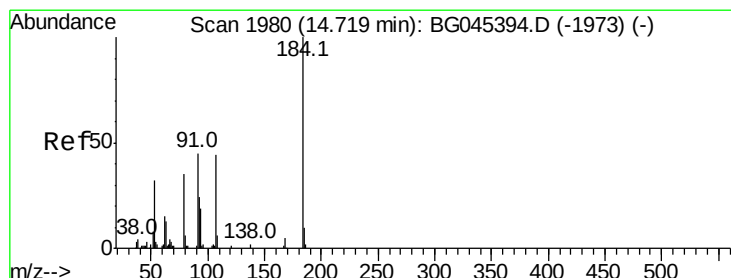
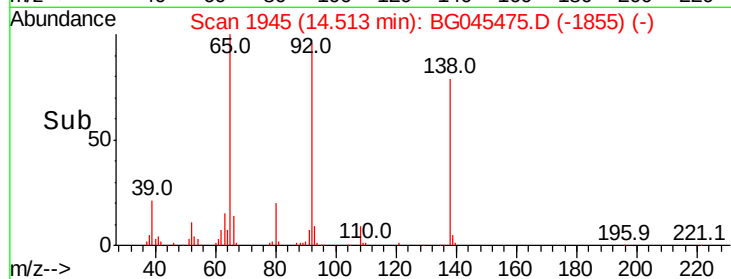
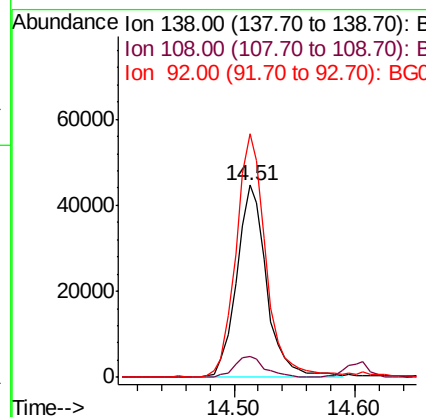
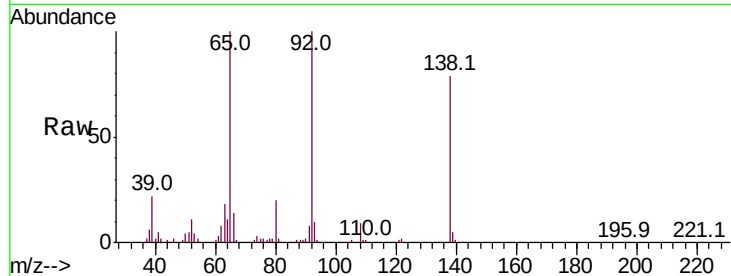




#53
3-Nitroaniline
Concen: 23.704 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

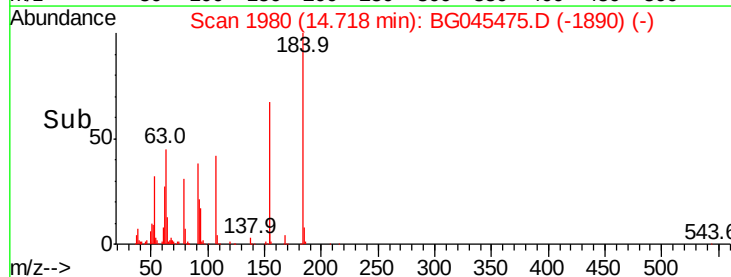
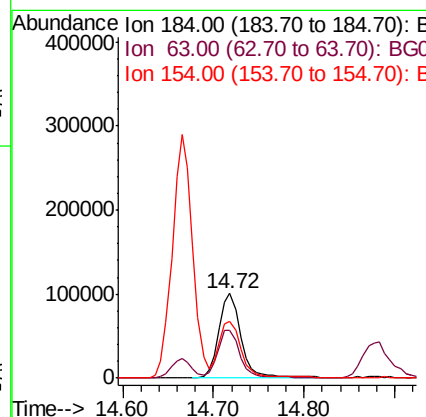
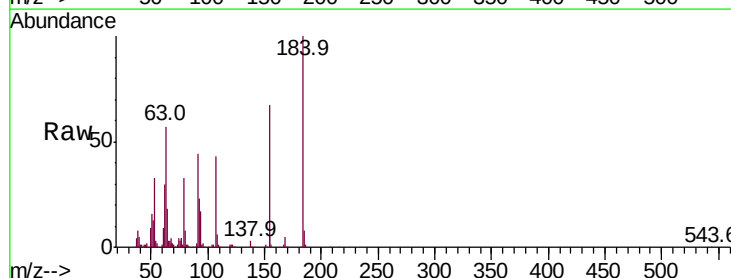
Instrument :
BNA_G
ClientSampleId :
PB129112BS

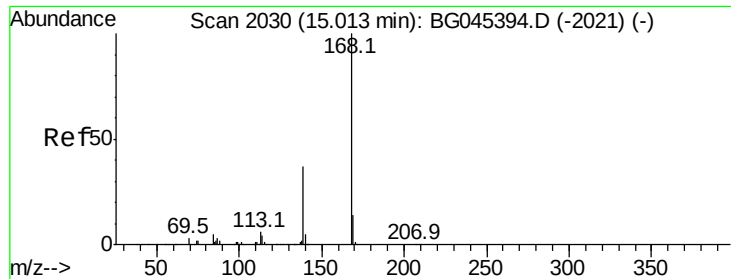
Tot Ion:138 Resp: 77102
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.6
92 126.9 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 82.360 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:184 Resp: 172997
Ion Ratio Lower Upper
184 100
63 56.9 47.8 71.6
154 66.8 58.3 87.5





#55

Dibenzofuran

Concen: 44.950 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

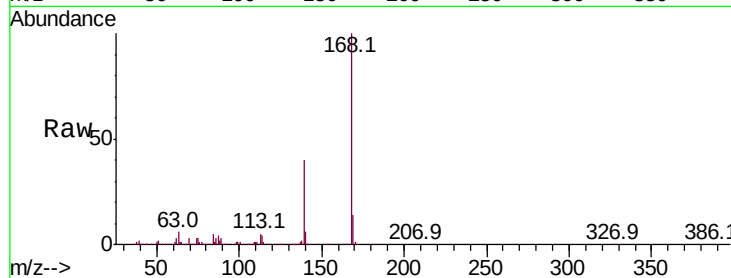
Tot Ion:168 Resp: 740255

Ion Ratio Lower Upper

168 100

139 40.4 29.9 44.9

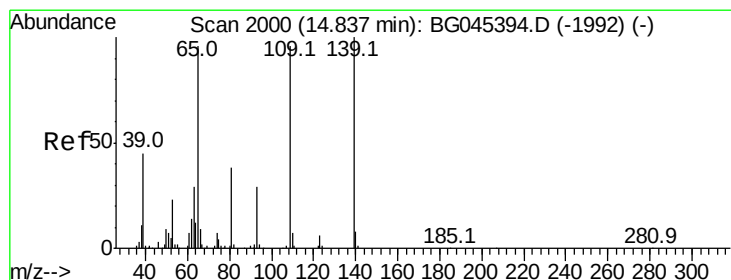
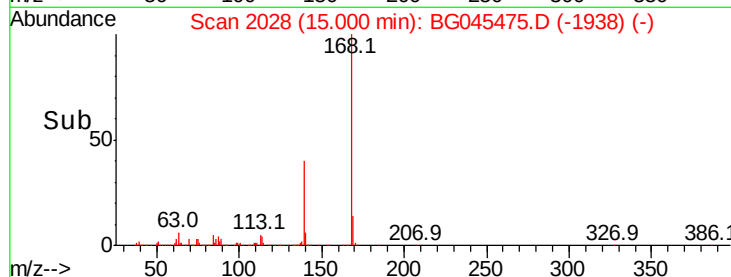
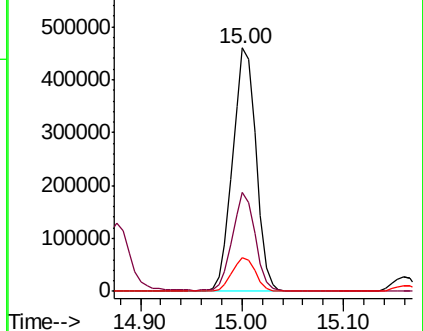
169 14.0 10.9 16.3



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: 93.074 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

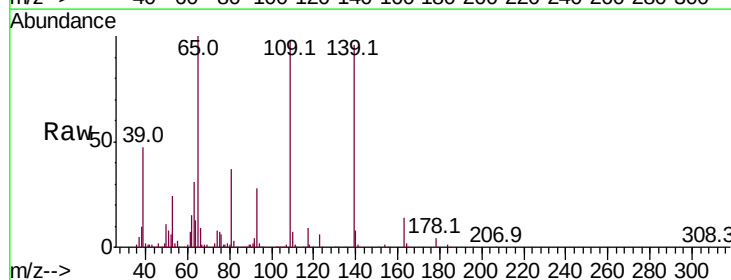
Tgt Ion:139 Resp: 229208

Ion Ratio Lower Upper

139 100

109 101.8 75.6 115.6

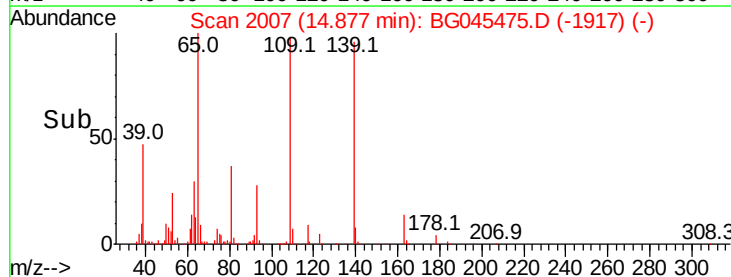
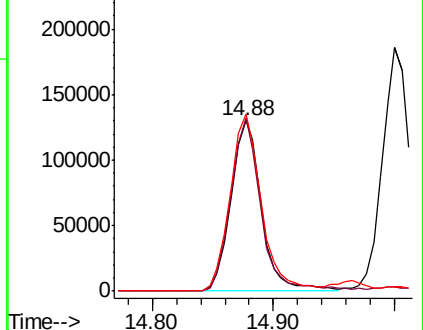
65 104.3 76.8 116.8

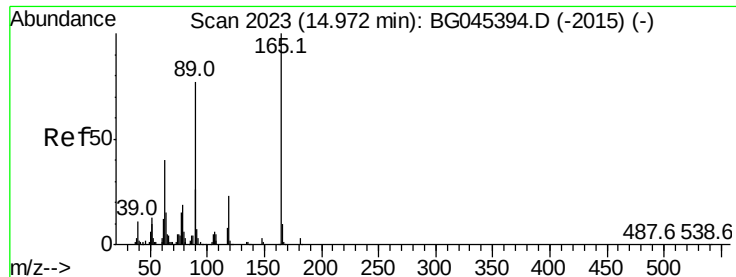


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 45.430 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

Tot Ion:165 Resp: 210530

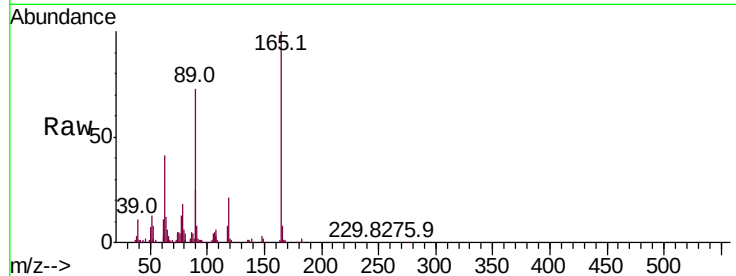
Ion Ratio Lower Upper

165 100

63 41.2 32.5 48.7

89 73.3 61.8 92.6

182 2.4 2.3 3.5

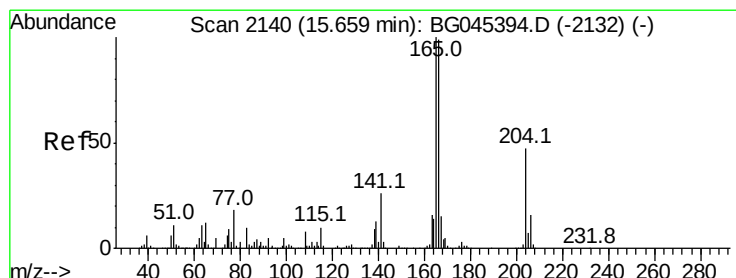
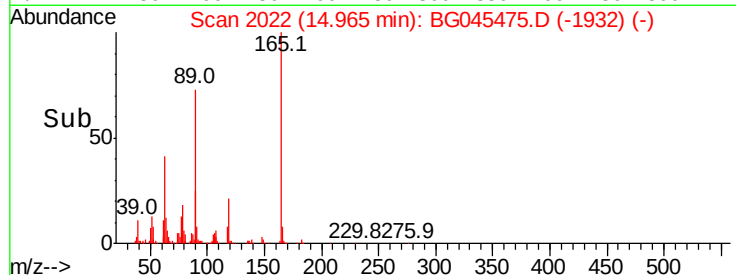
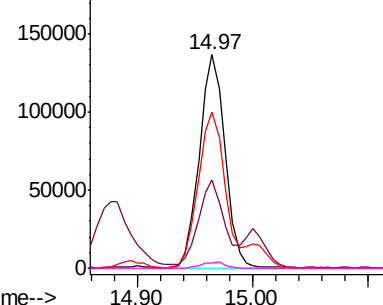


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.774 ng

RT: 15.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

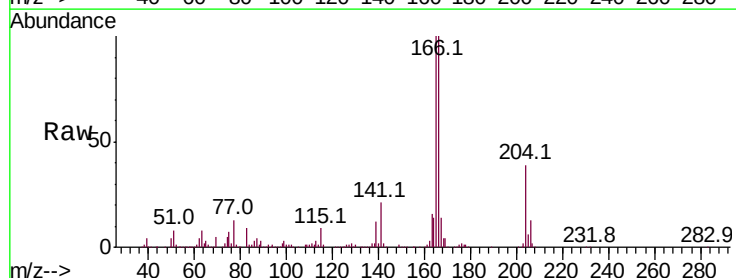
Tgt Ion:166 Resp: 619311

Ion Ratio Lower Upper

166 100

165 100.5 80.8 121.2

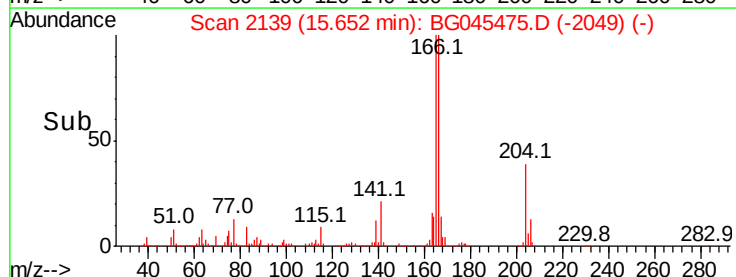
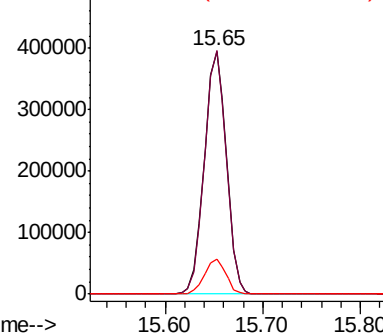
167 14.3 12.0 18.0

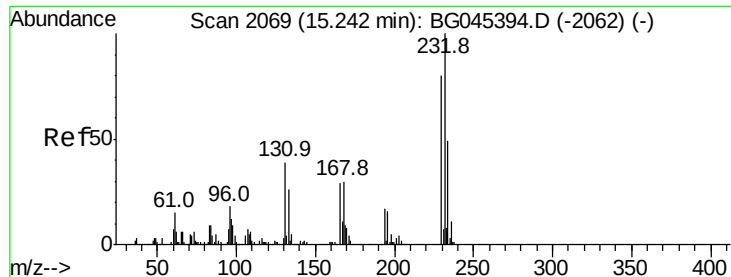


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

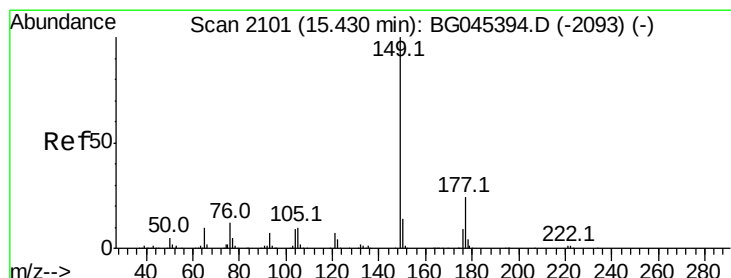
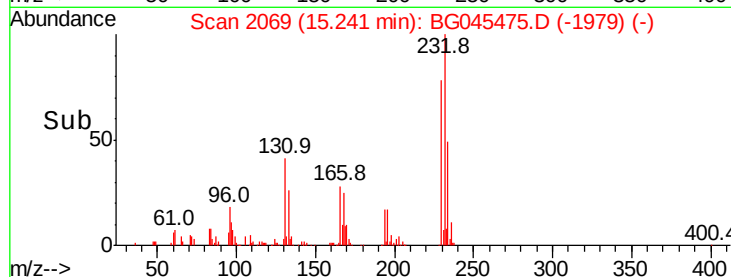
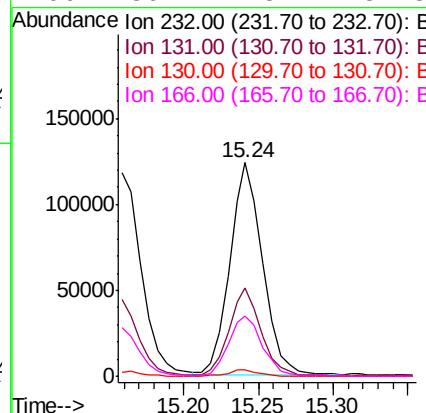
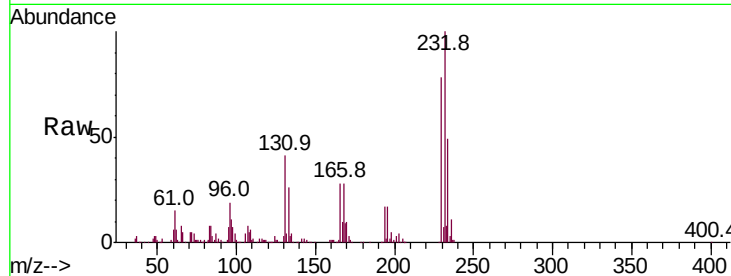




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.931 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

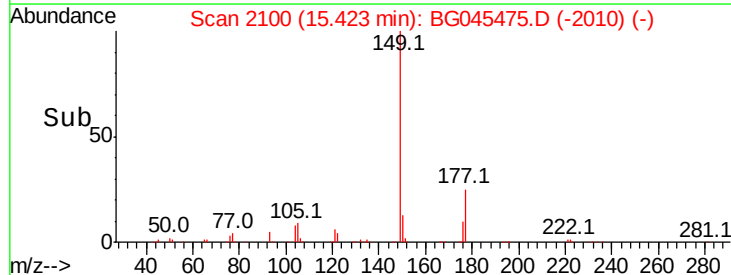
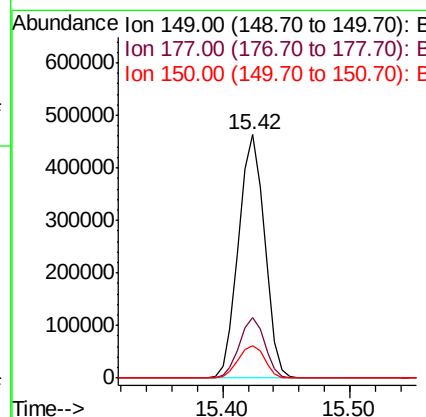
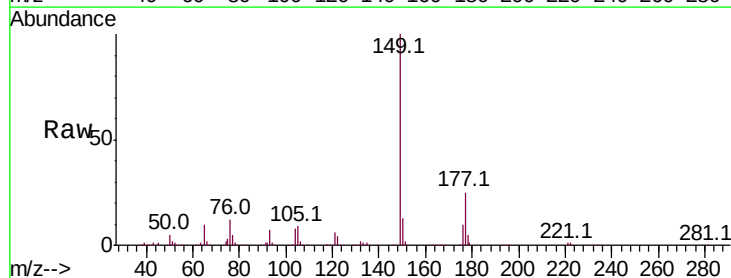
Instrument :
BNA_G
ClientSampleId :
PB129112BS

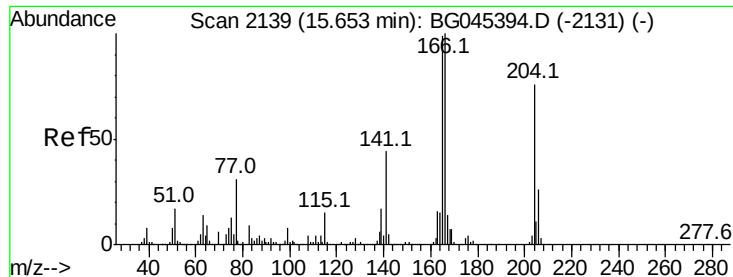
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.7	50.5
130	2.9	2.1	3.1
166	30.2	23.2	34.8



#60
Diethylphthalate
Concen: 44.708 ng
RT: 15.42 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.0	28.4
150	13.4	11.4	17.0

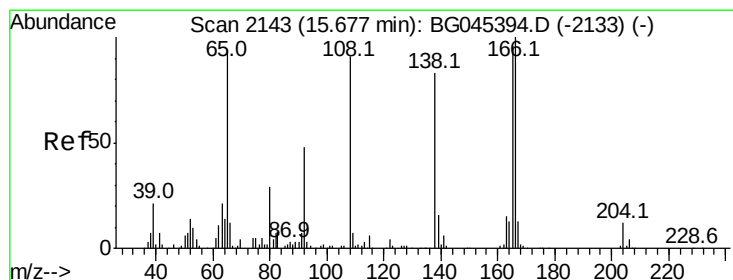
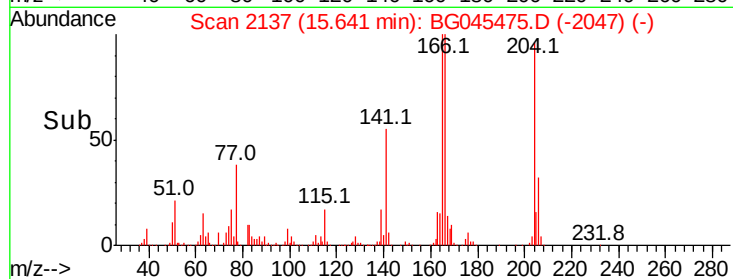
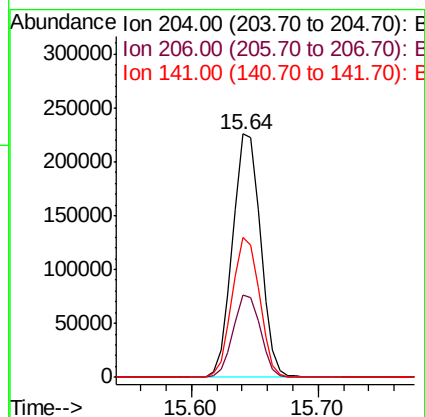
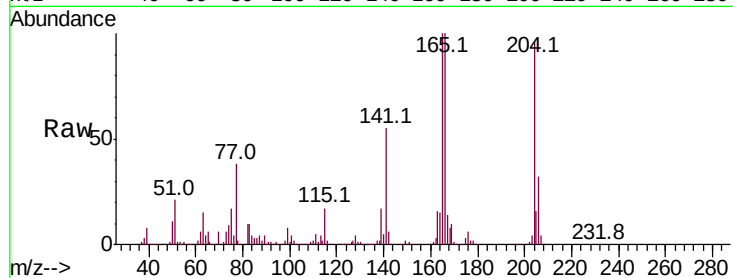




#61
4-Chlorophenyl-phenylether
Concen: 44.334 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

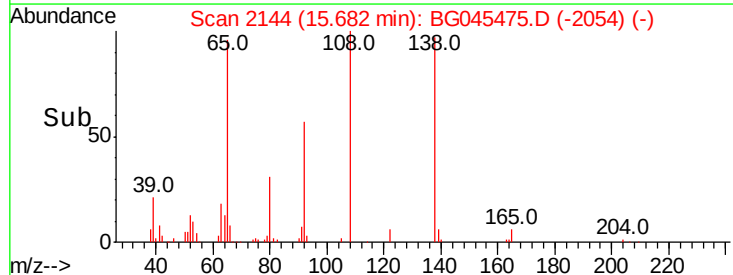
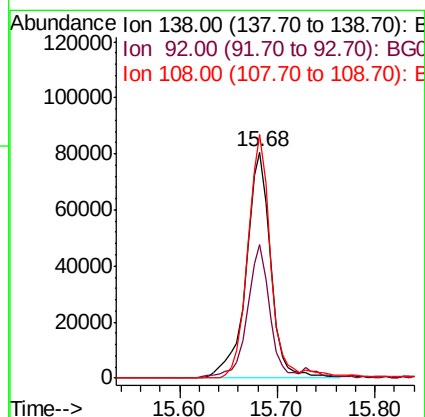
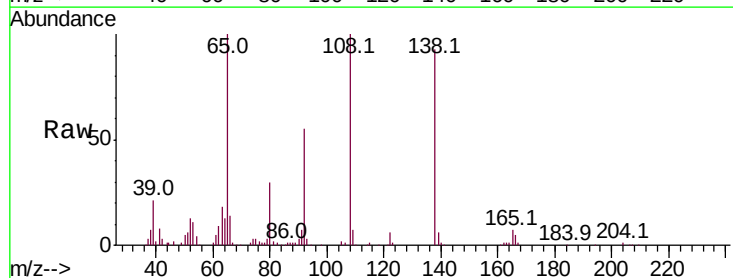
Instrument :
BNA_G
ClientSampleId :
PB129112BS

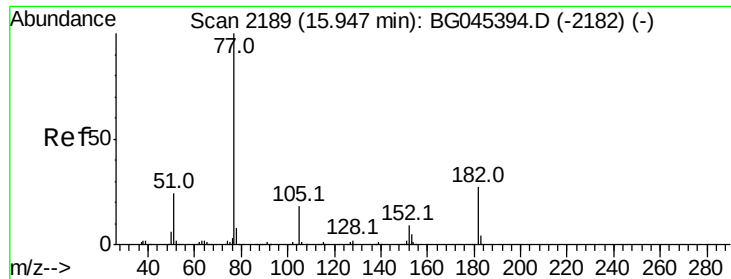
Tot Ion:204 Resp: 343243
Ion Ratio Lower Upper
204 100
206 33.9 27.3 40.9
141 57.4 45.9 68.9



#62
4-Nitroaniline
Concen: 42.000 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:138 Resp: 142621
Ion Ratio Lower Upper
138 100
92 58.8 38.0 78.0
108 107.6 89.3 129.3

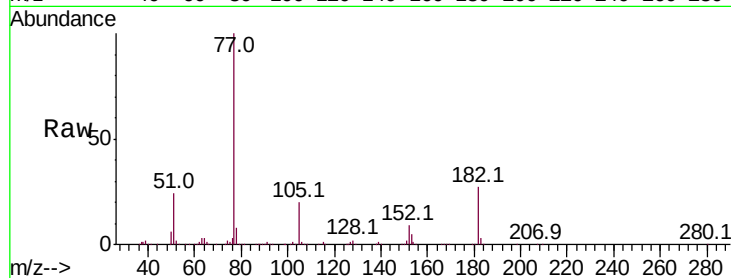




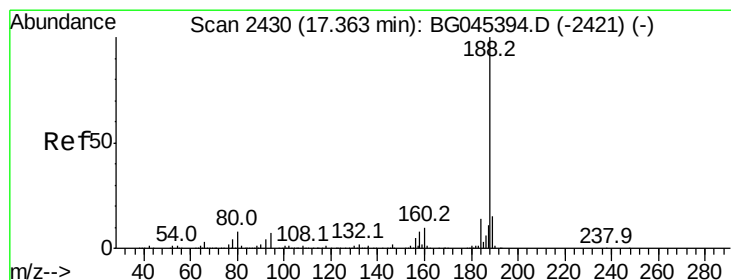
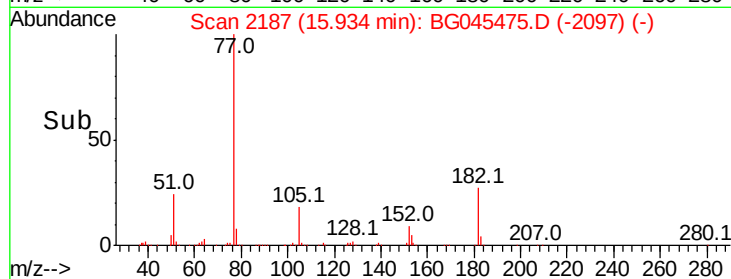
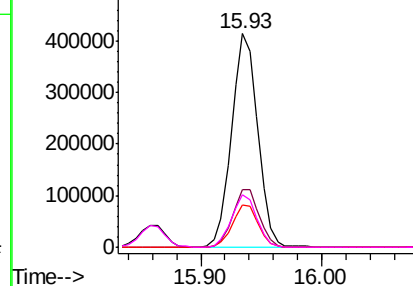
#63
Azobenzene
Concen: 44.997 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion:	77	Resp:	619264
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.5	46.5
105	19.6	0.0	37.9
51	24.4	4.1	44.1

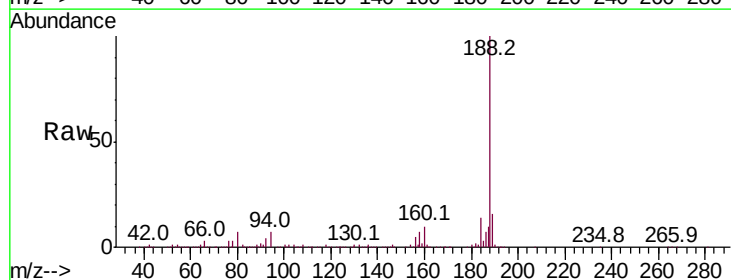


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

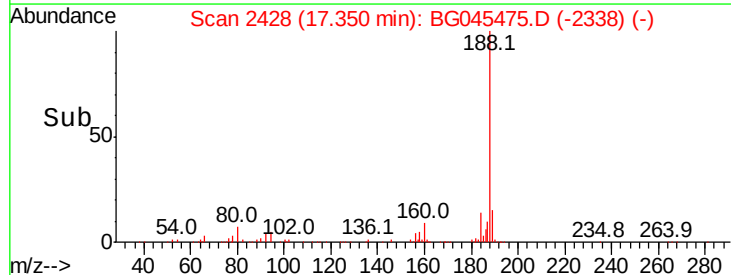
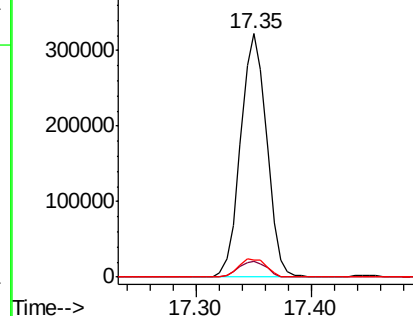


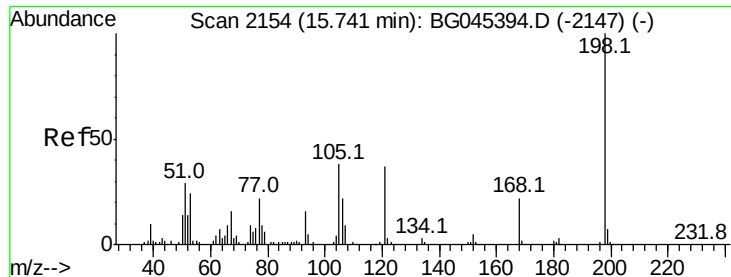
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:	188	Resp:	504703
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	7.3	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.130 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

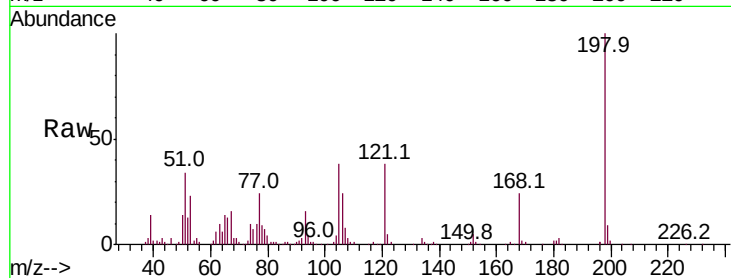
Tot Ion:198 Resp: 135593

Ion	Ratio	Lower	Upper
198	100		
51	34.0	10.0	50.0
105	38.1	18.9	58.9

198 100

51 34.0 10.0 50.0

105 38.1 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

120000

100000

80000

60000

40000

20000

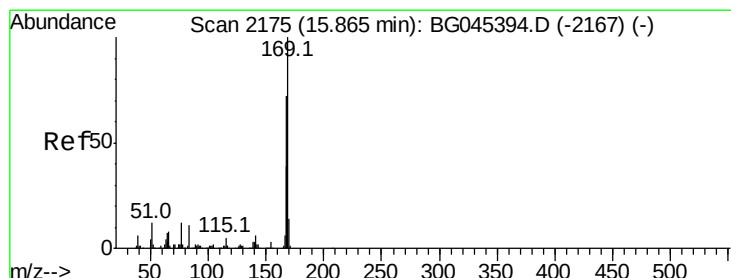
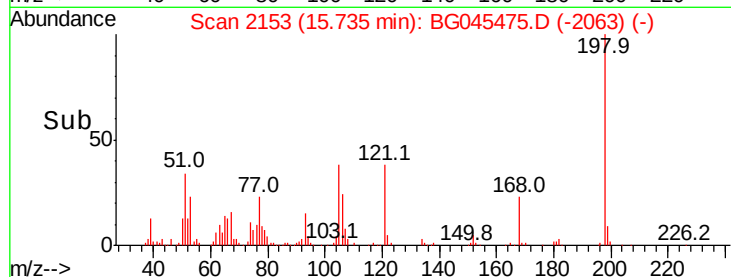
0

15.73

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.957 ng

RT: 15.86 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

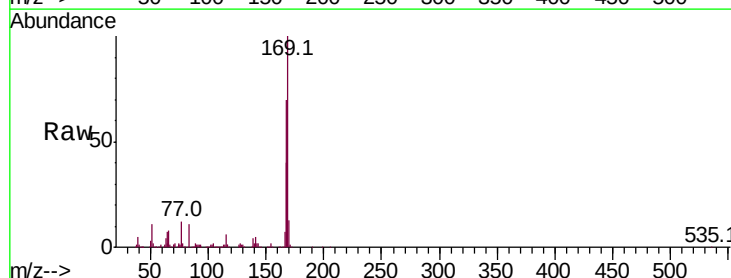
Tgt Ion:169 Resp: 556908

Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.8	86.6
167	39.5	31.5	47.3

169 100

168 70.3 57.8 86.6

167 39.5 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

500000

400000

300000

200000

100000

0

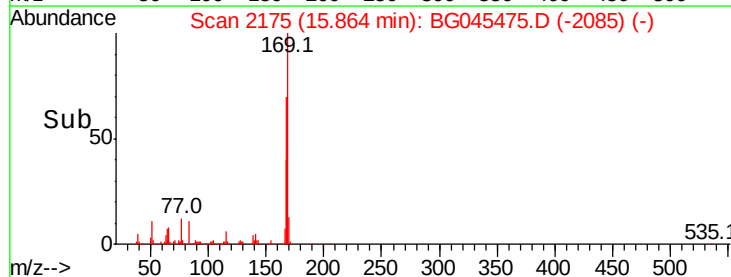
15.86

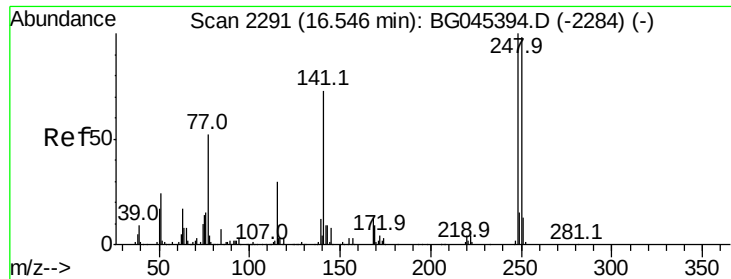
15.80

15.90

16.00

Time-->

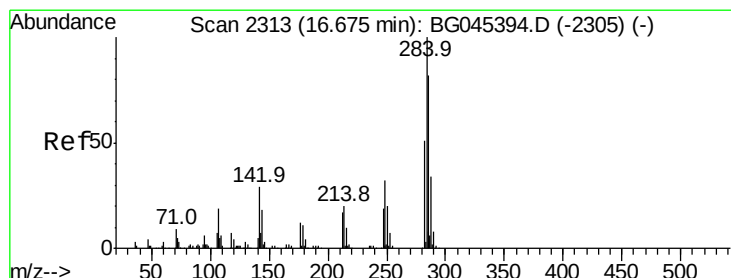
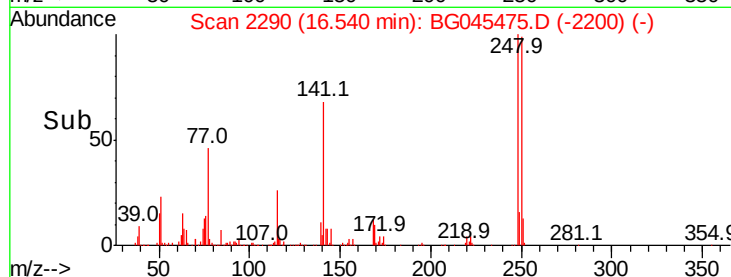
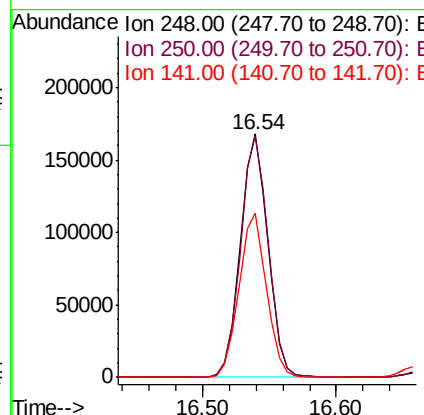
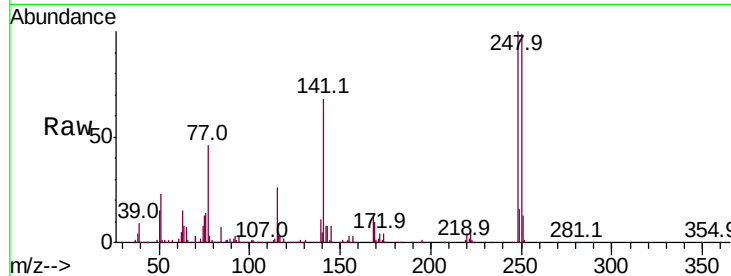




#67
 4-Bromophenyl-phenylether
 Concen: 43.789 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

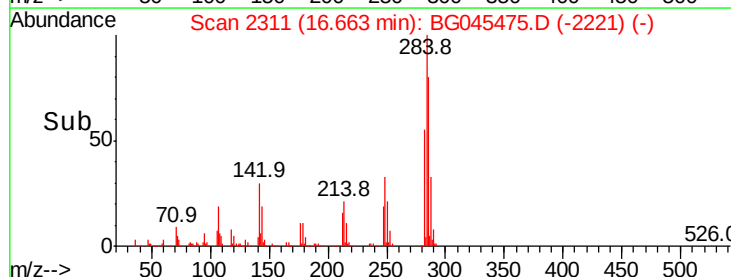
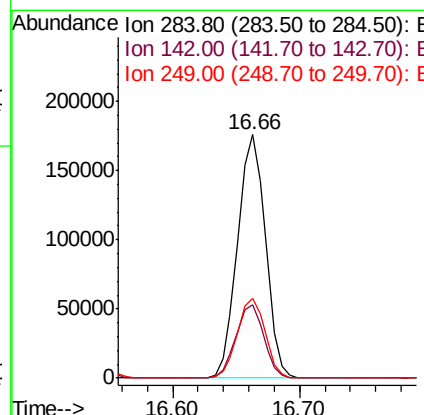
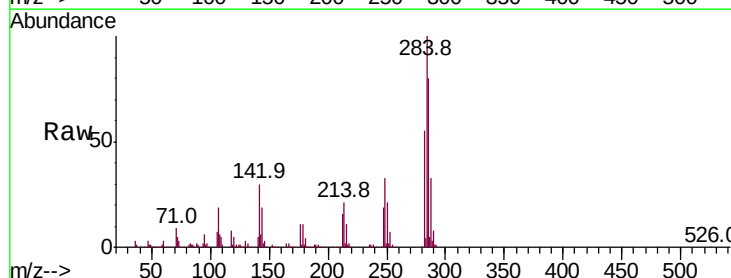
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

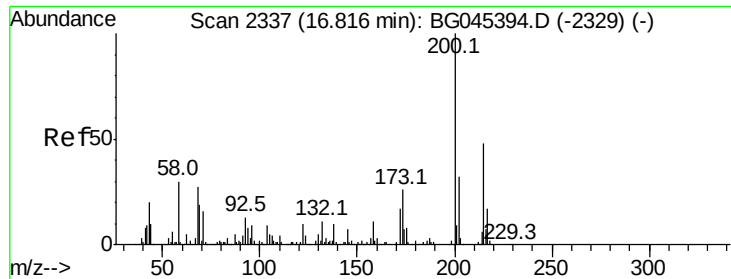
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	117.8
141	67.5	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 46.838 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.0	34.6
249	32.5	25.8	38.6





#69

Atrazine

Concen: 44.049 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

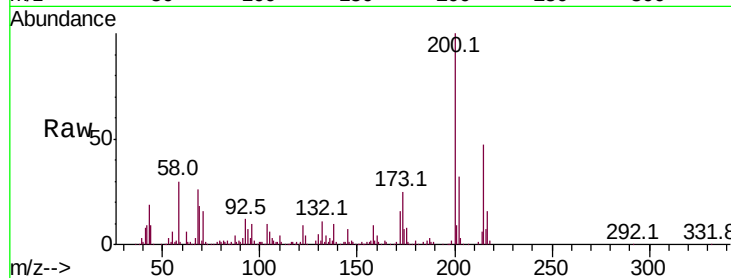
Tot Ion:200 Resp: 219859

Ion Ratio Lower Upper

200 100

173 25.2 5.5 45.5

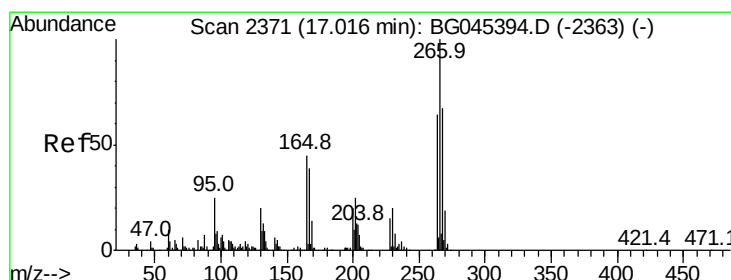
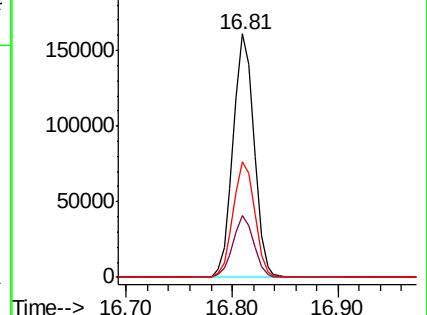
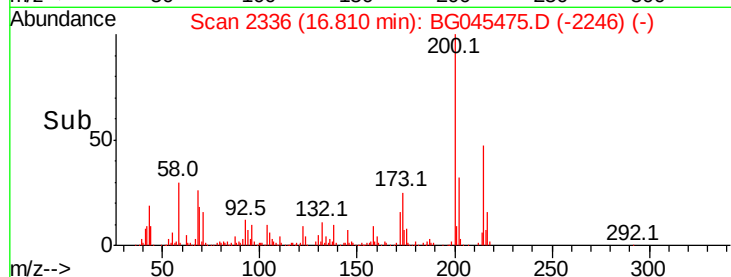
215 47.4 28.2 68.2



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: 96.536 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

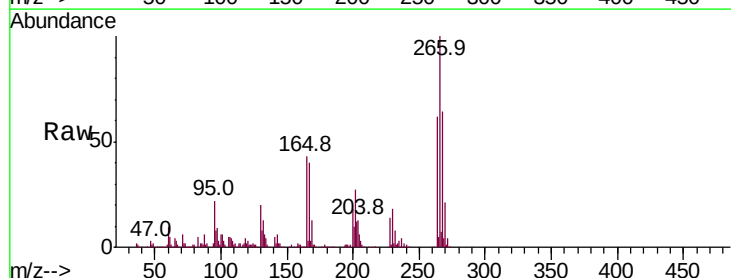
Tgt Ion:266 Resp: 286519

Ion Ratio Lower Upper

266 100

268 63.7 53.2 79.8

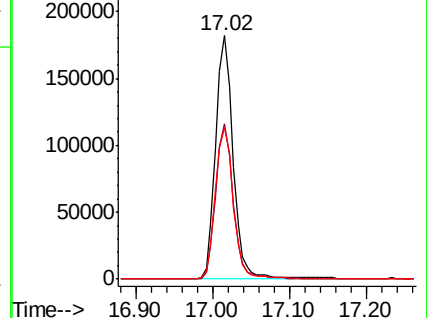
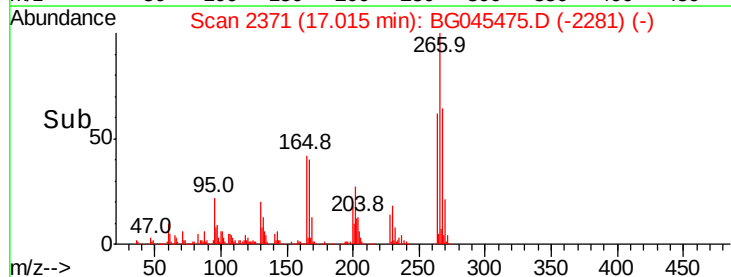
264 62.2 51.0 76.4

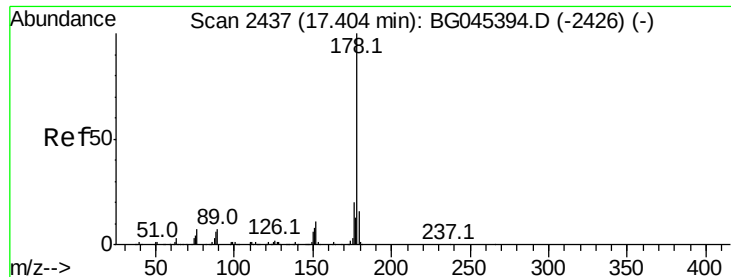


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

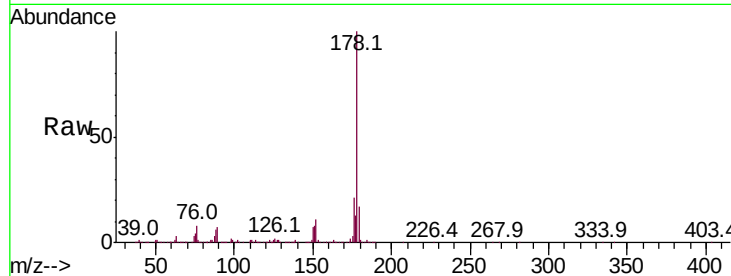




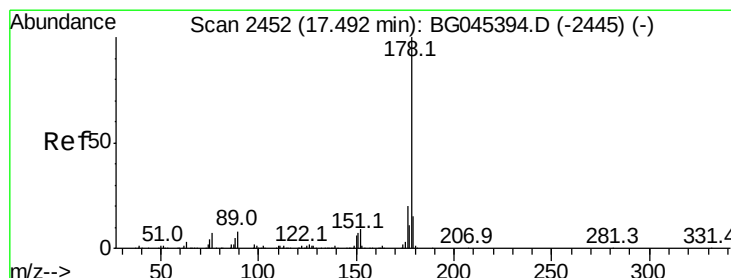
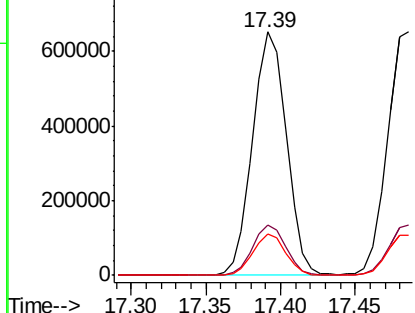
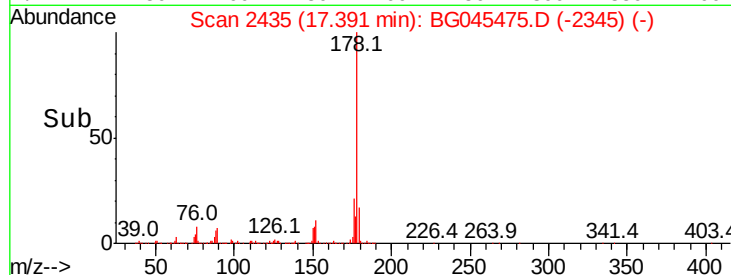
#71
Phenanthrene
Concen: 46.499 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion:178 Resp: 1024513
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 17.2 13.1 19.7

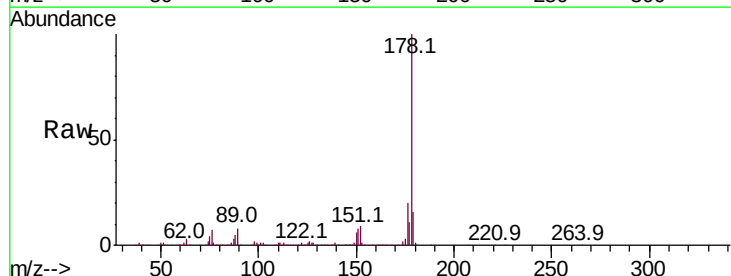


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

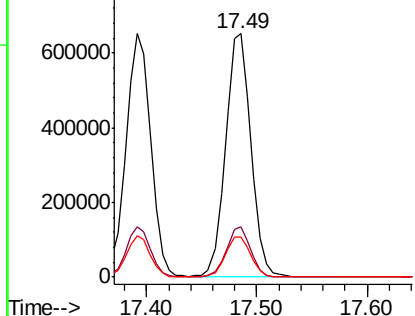
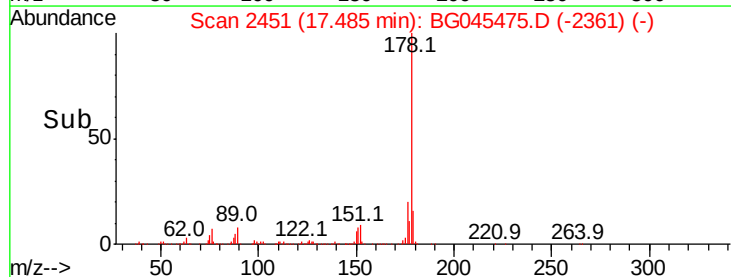


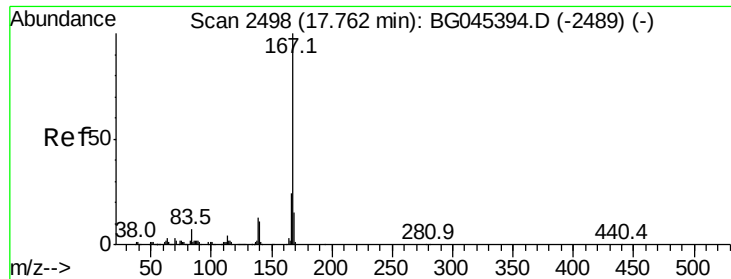
#72
Anthracene
Concen: 47.347 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:178 Resp: 1047608
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.722 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

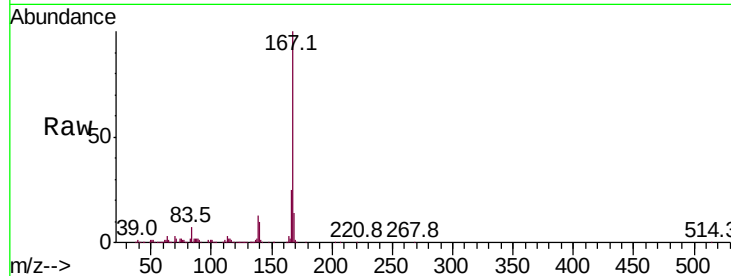
Tot Ion:167 Resp: 964566

Ion Ratio Lower Upper

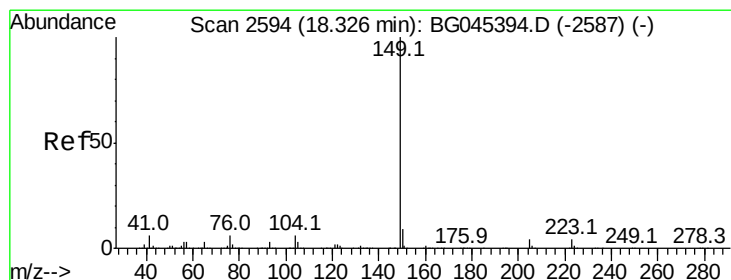
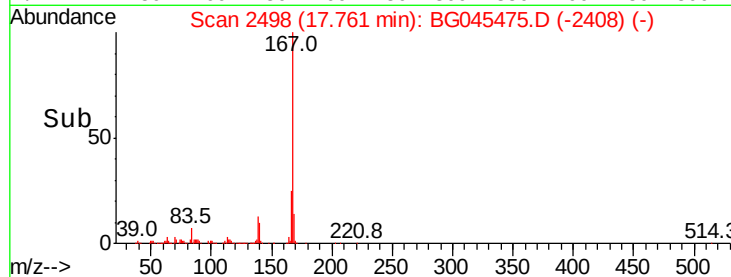
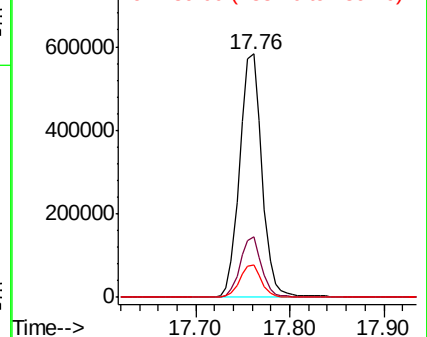
167 100

166 24.7 19.2 28.8

139 13.4 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 45.028 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

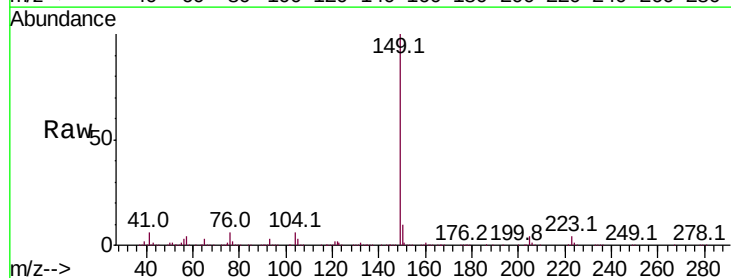
Tgt Ion:149 Resp: 1165632

Ion Ratio Lower Upper

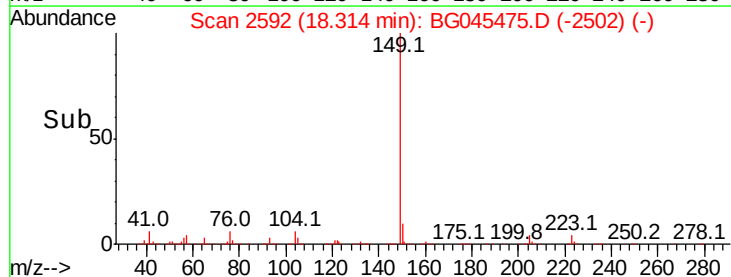
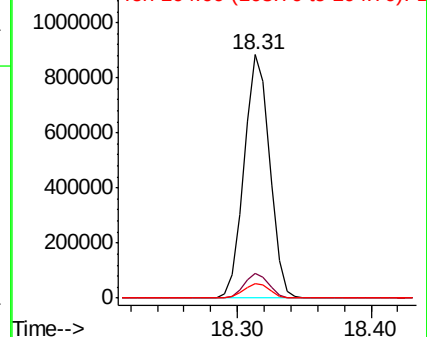
149 100

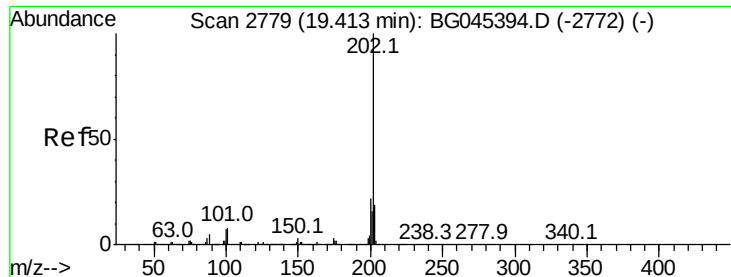
150 10.1 7.6 11.4

104 6.2 5.0 7.4



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

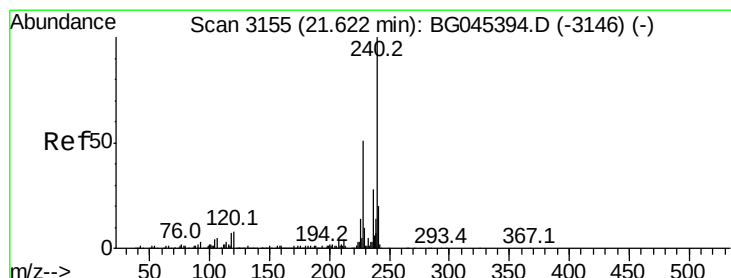
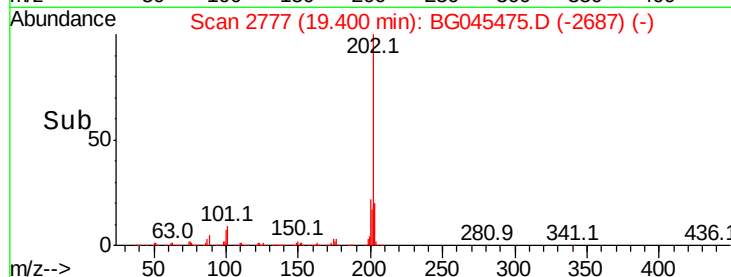
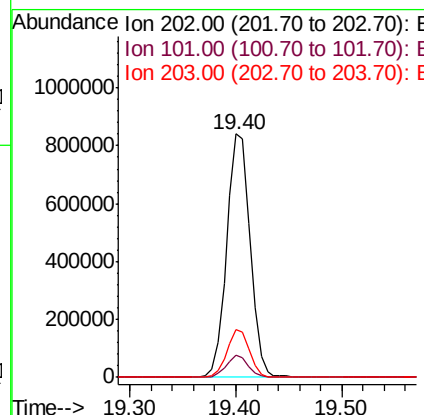
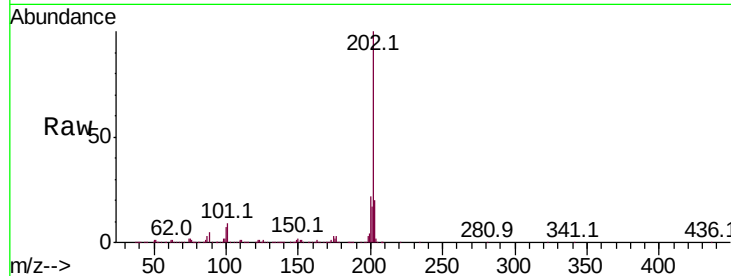




#75
 Fluoranthene
 Concen: 46.046 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

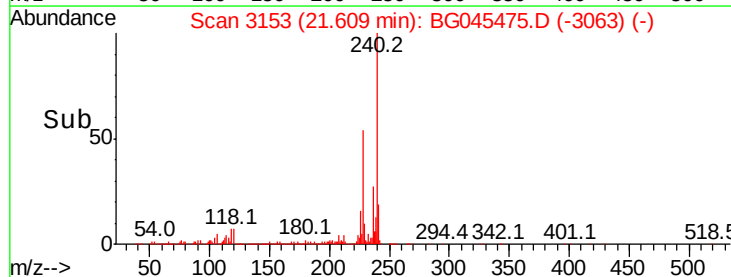
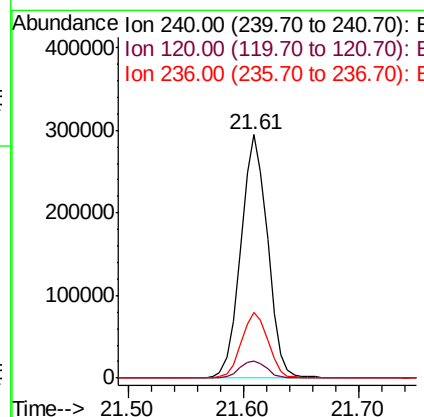
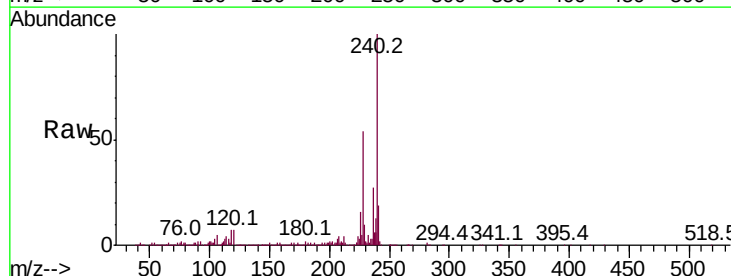
Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

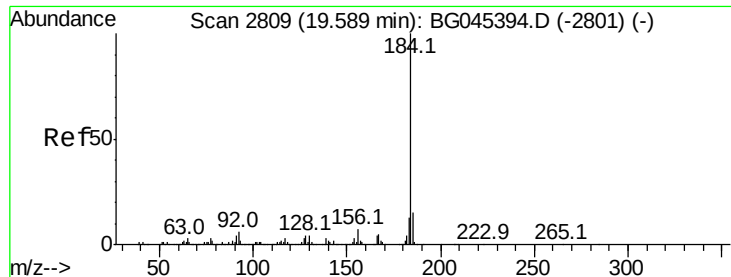
Tot Ion:202 Resp: 1290428
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 28.3
 203 19.7 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:240 Resp: 472870
 Ion Ratio Lower Upper
 240 100
 120 6.8 6.1 9.1
 236 26.7 22.3 33.5





#77

Benzidine

Concen: 38.155 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

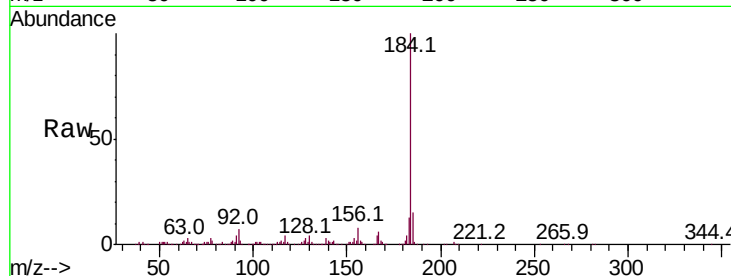
Tot Ion:184 Resp: 506722

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

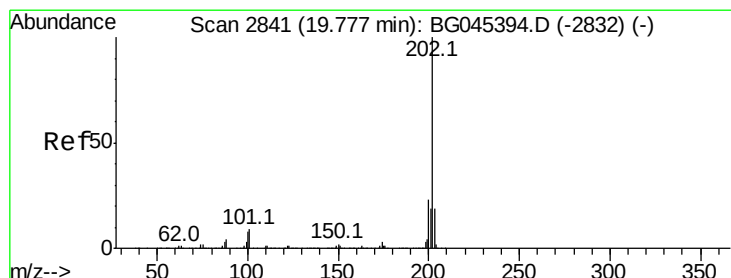
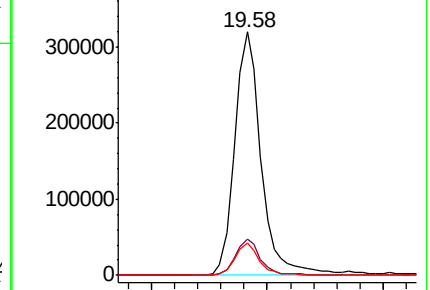
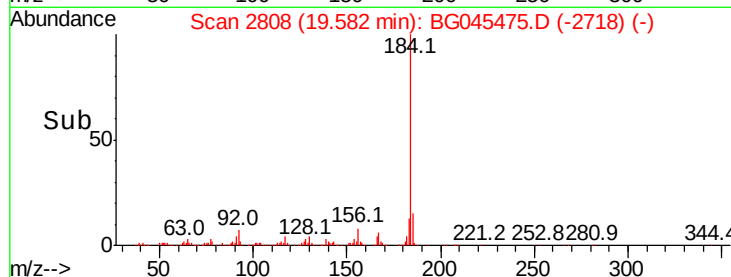
183 13.2 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.205 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

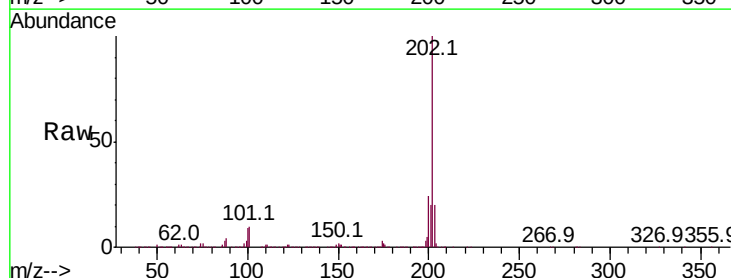
Tgt Ion:202 Resp: 1272442

Ion Ratio Lower Upper

202 100

200 23.9 18.2 27.2

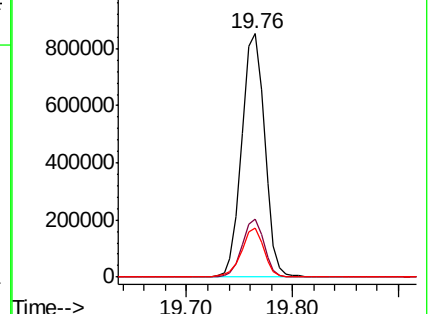
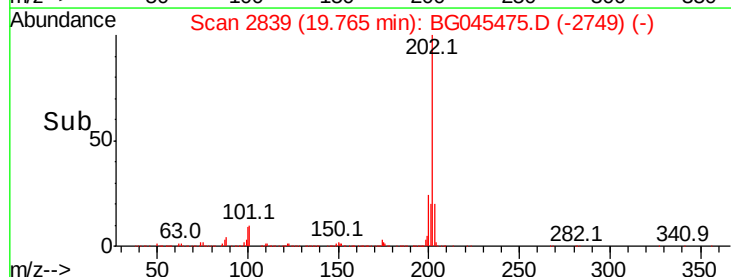
203 20.2 15.1 22.7

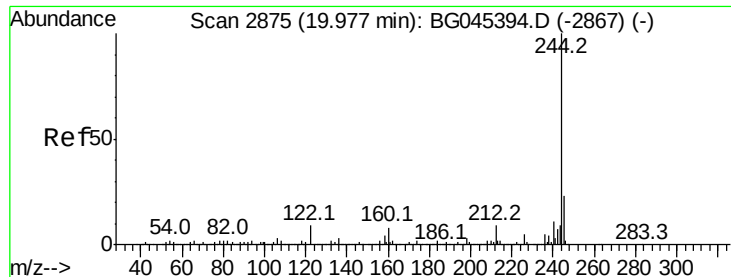


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.129 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

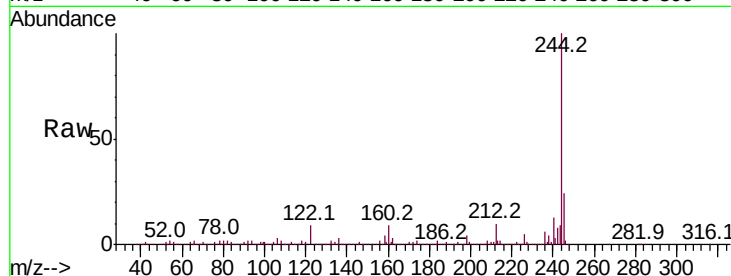
Tot Ion:244 Resp: 1928727

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.0
122	8.5	6.8	10.2

244 100

212 9.7 7.4 11.0

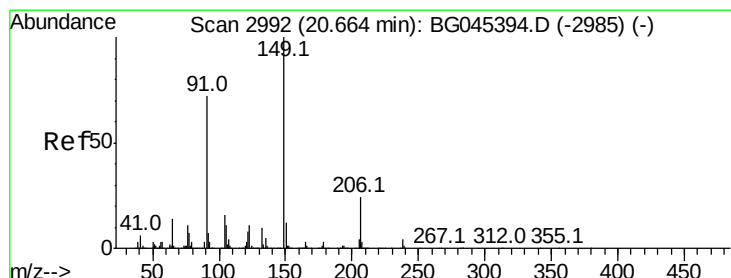
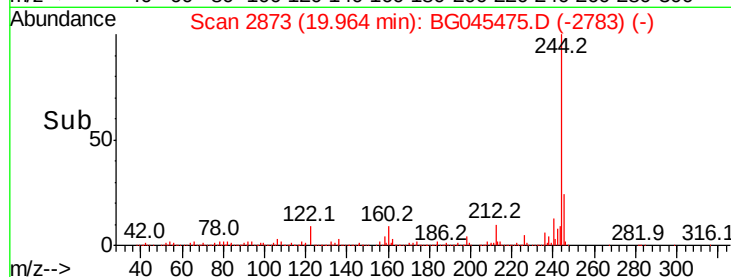
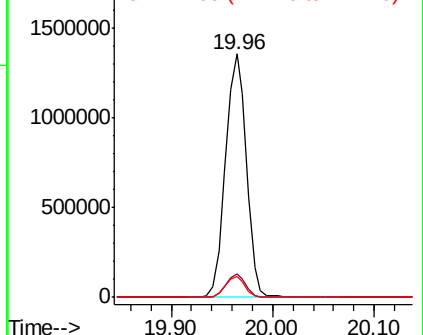
122 8.5 6.8 10.2



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: 45.015 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

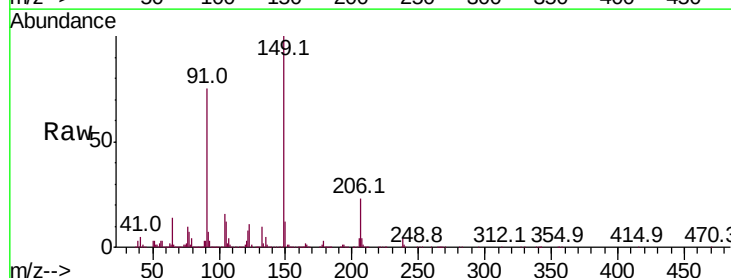
Tgt Ion:149 Resp: 523744

Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.8	86.6
206	23.4	19.1	28.7

149 100

91 74.8 57.8 86.6

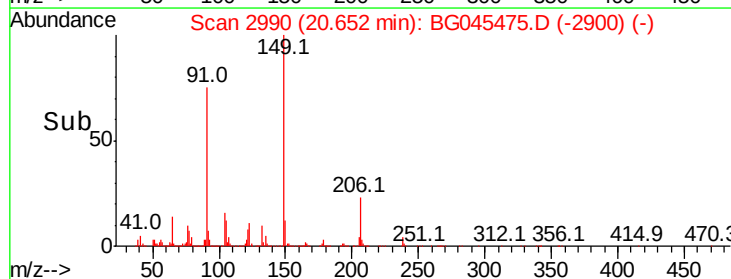
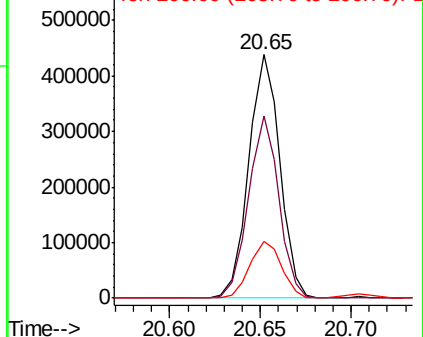
206 23.4 19.1 28.7

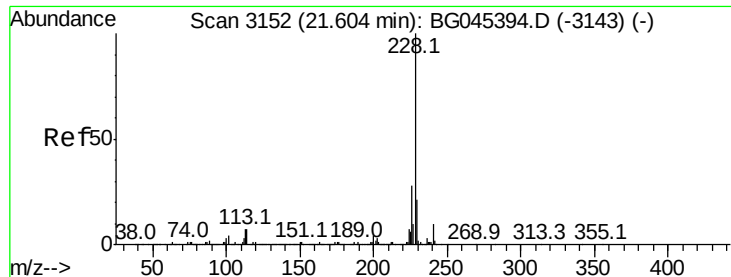


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

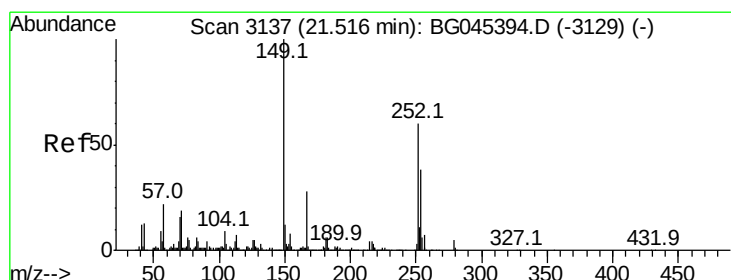
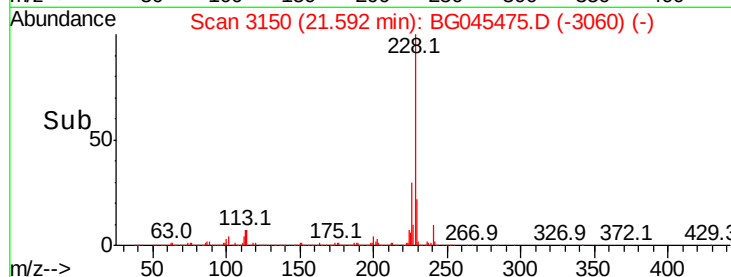
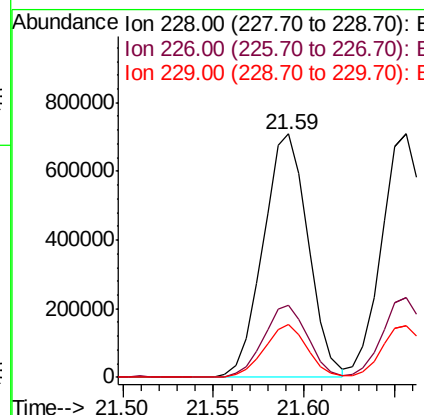
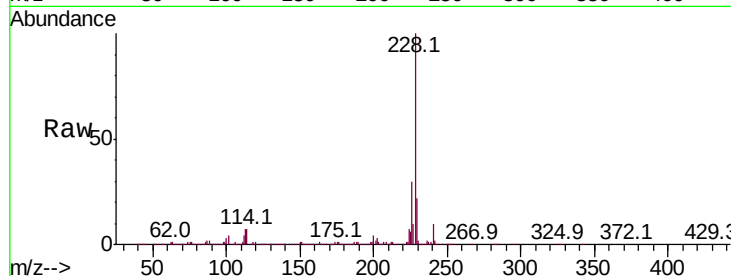




#81
Benzo(a)anthracene
Concen: 46.663 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

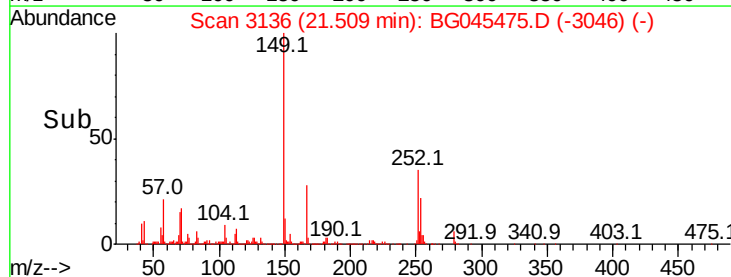
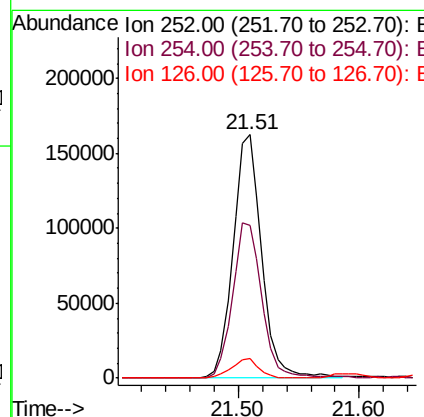
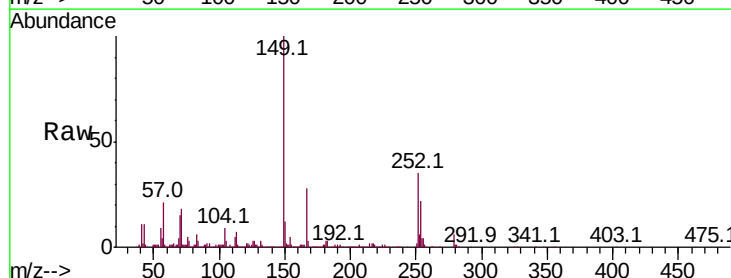
Instrument :
BNA_G
ClientSampleId :
PB129112BS

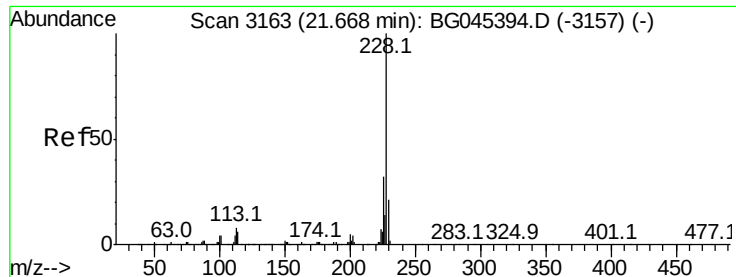
Tot Ion:228 Resp: 1229195
Ion Ratio Lower Upper
228 100
226 29.9 22.7 34.1
229 21.7 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 25.781 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:252 Resp: 266399
Ion Ratio Lower Upper
252 100
254 63.0 51.3 76.9
126 8.3 6.6 10.0





#83

Chrysene

Concen: 46.085 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

ClientSampleId :

PB129112BS

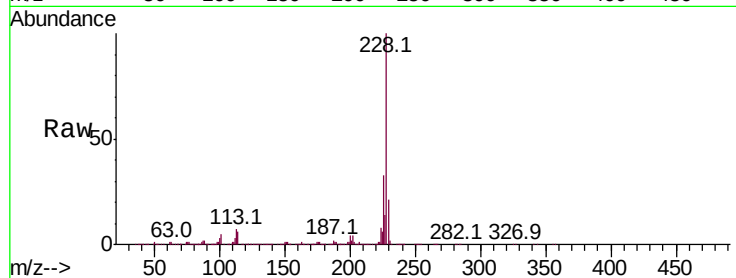
Tot Ion:228 Resp: 1167271

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	21.3	16.7	25.1

228 100

226 32.5 25.2 37.8

229 21.3 16.7 25.1

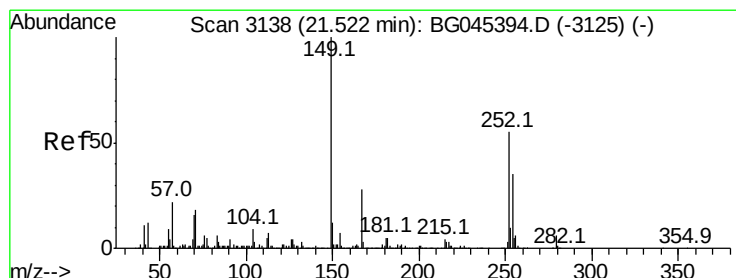
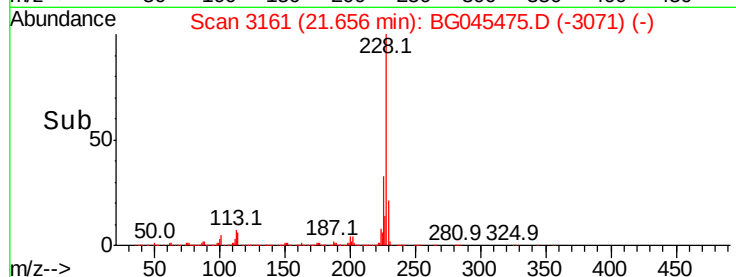
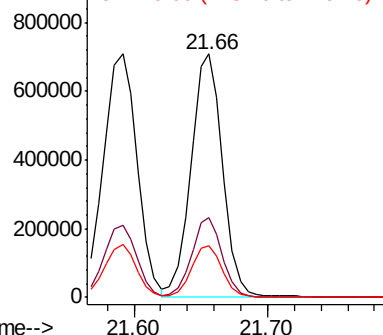


Abundance

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: 45.353 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

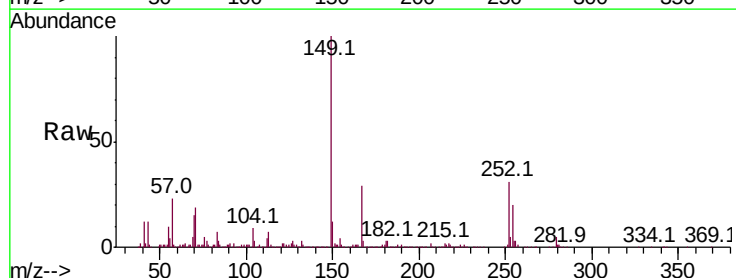
Tgt Ion:149 Resp: 725362

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.2	4.7	7.1

149 100

167 28.9 22.2 33.2

279 5.2 4.7 7.1

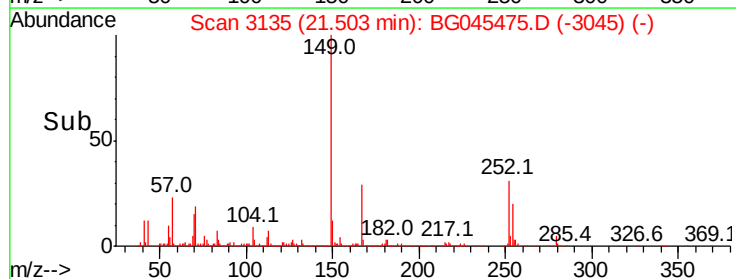
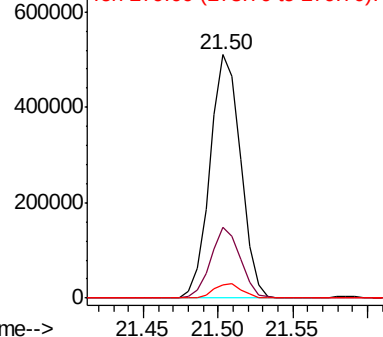


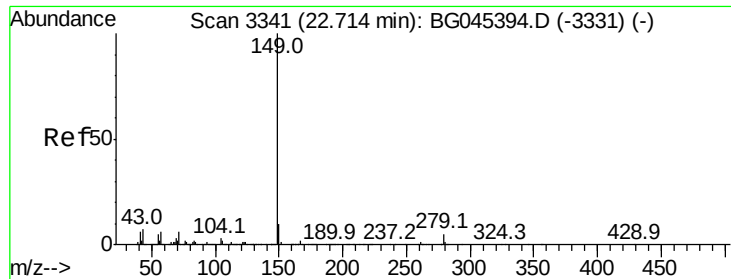
Abundance

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

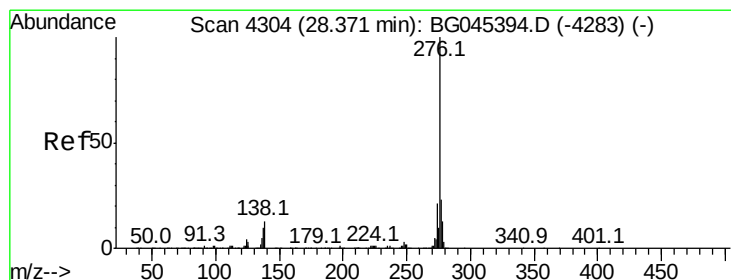
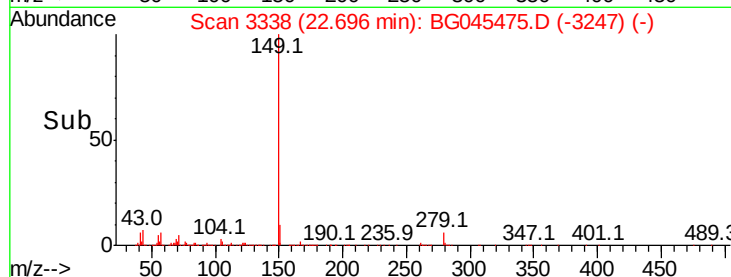
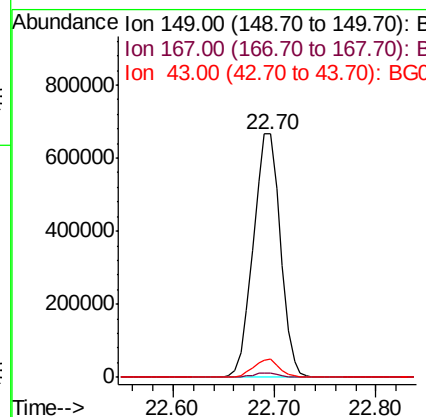
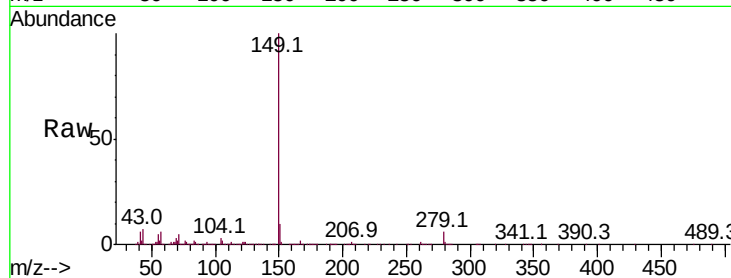




#85
Di-n-octyl phthalate
Concen: 44.972 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

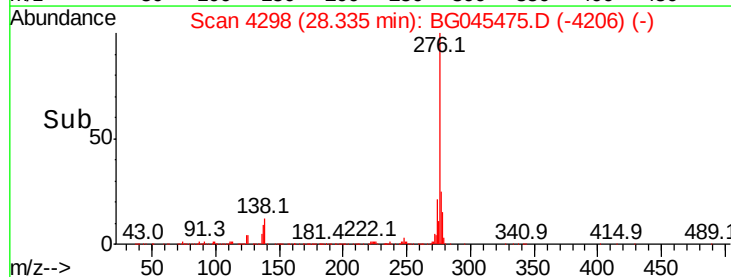
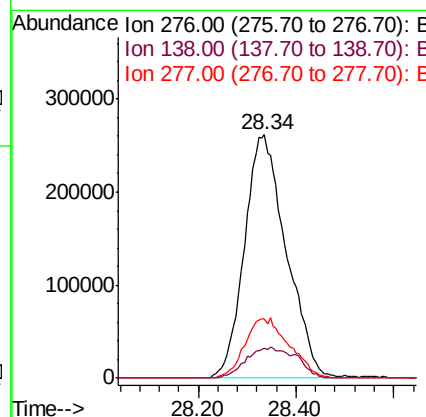
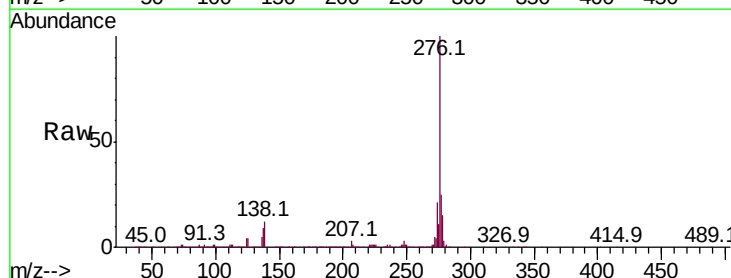
Instrument :
BNA_G
ClientSampleId :
PB129112BS

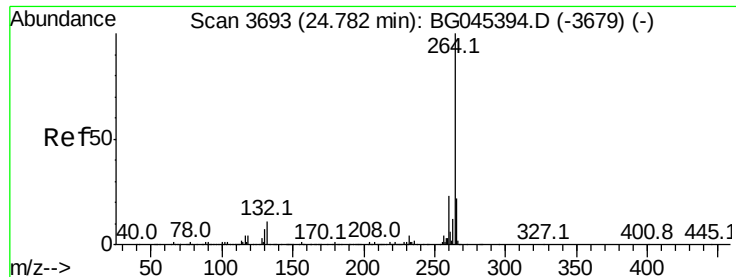
Tot Ion:149 Resp: 1235343
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.0 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.065 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:276 Resp: 1558885
Ion Ratio Lower Upper
276 100
138 15.3 8.6 12.8#
277 26.1 20.2 30.4

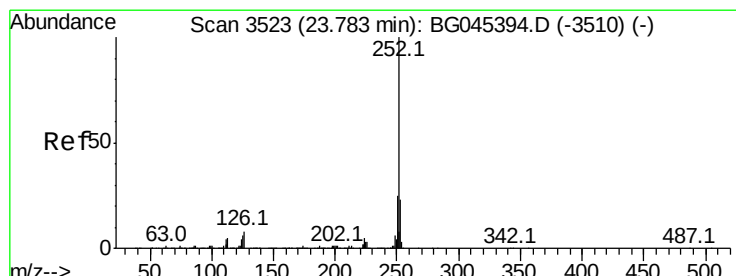
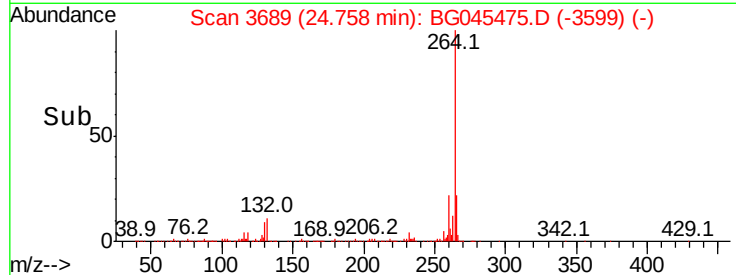
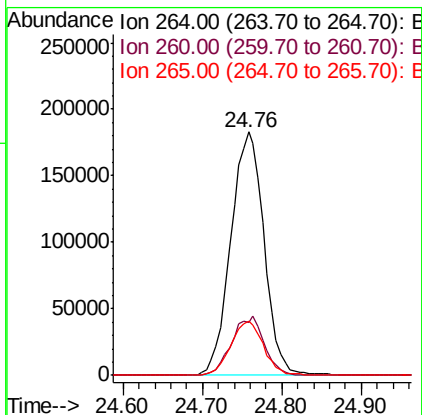
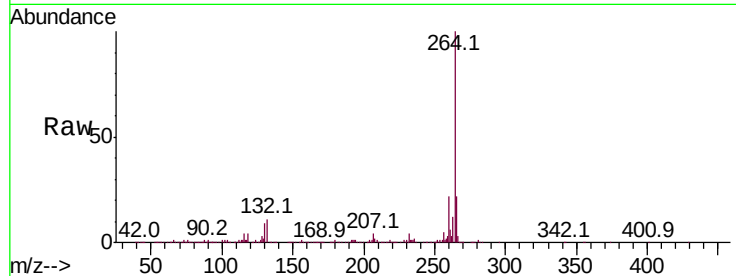




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

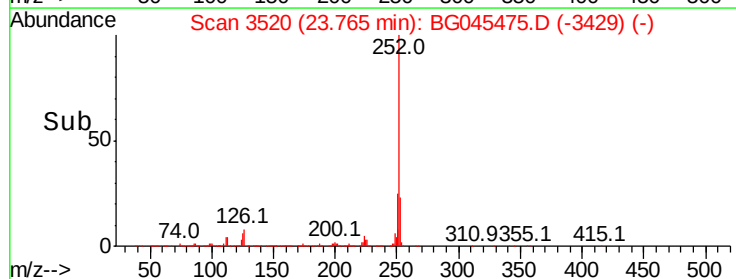
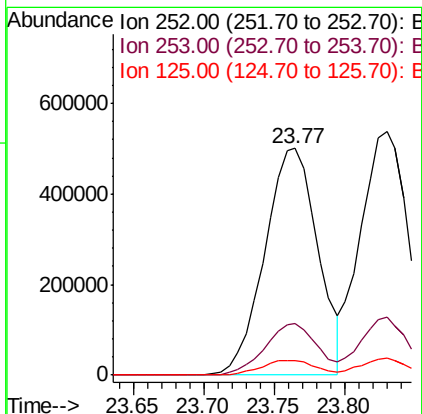
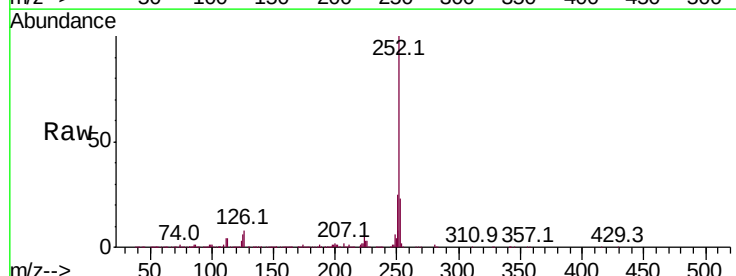
Instrument :
BNA_G
ClientSampleId :
PB129112BS

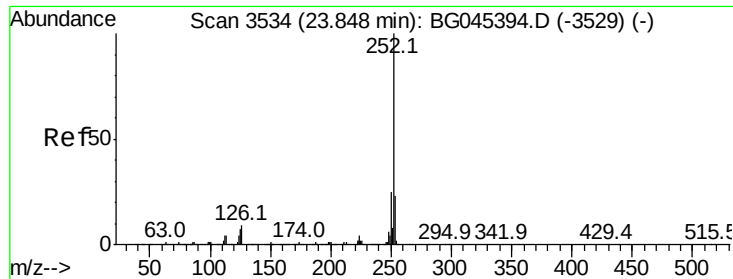
Tot Ion:	264	Resp:	531039
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	22.0	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 46.170 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:	252	Resp:	1314936
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.2	5.0	7.6

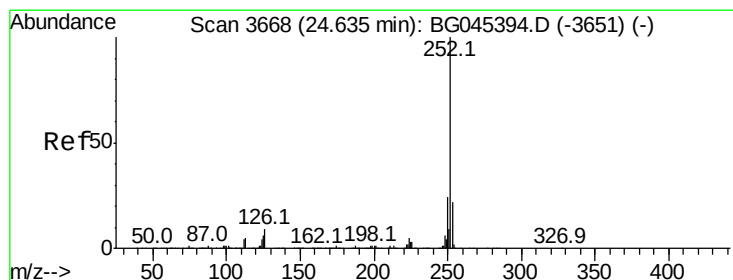
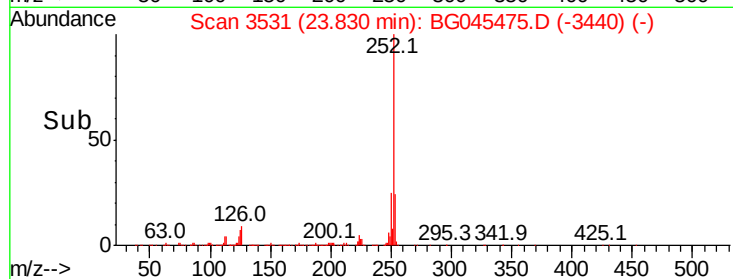
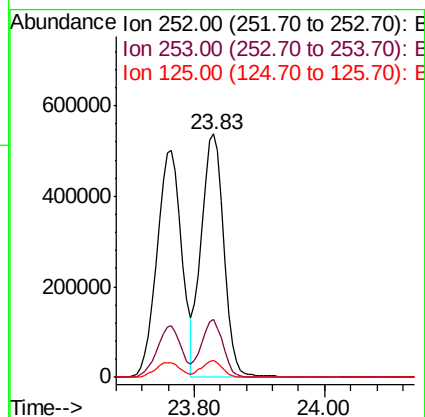
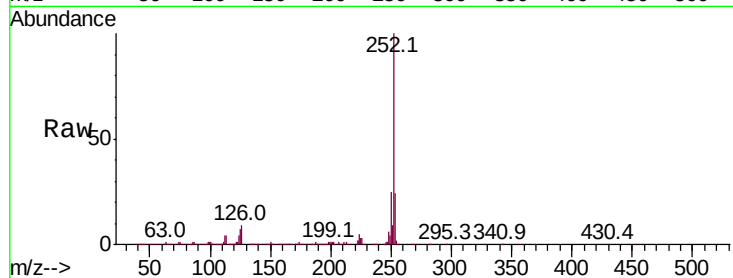




#89
Benzo(k)fluoranthene
Concen: 48.311 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

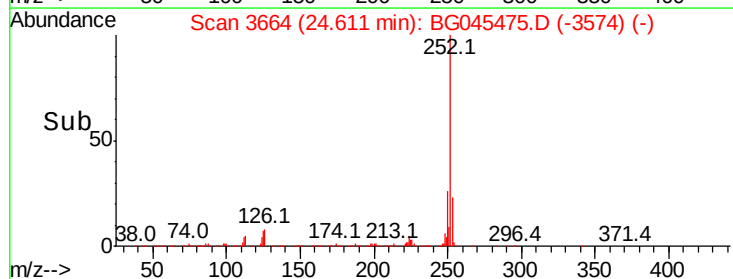
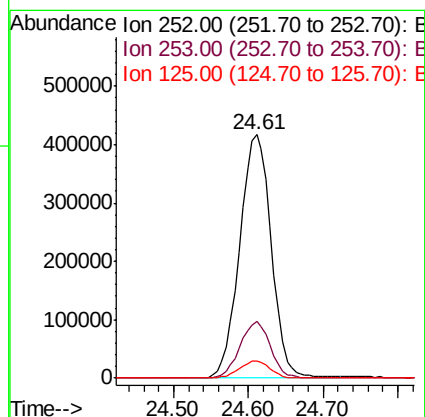
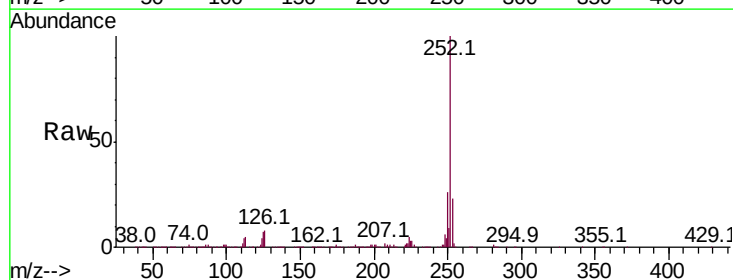
Instrument :
BNA_G
ClientSampleId :
PB129112BS

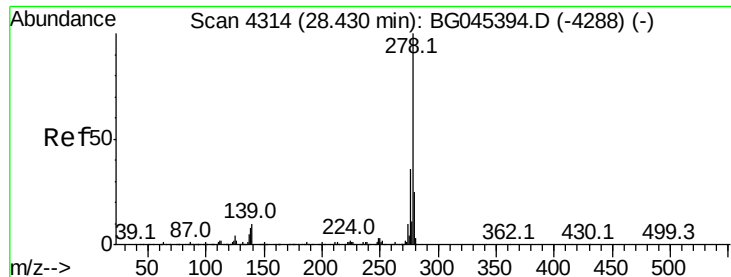
Tot Ion:252 Resp: 1292655
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 6.9 5.7 8.5



#90
Benzo(a)pyrene
Concen: 46.135 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:252 Resp: 1223692
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 7.0 5.0 7.6

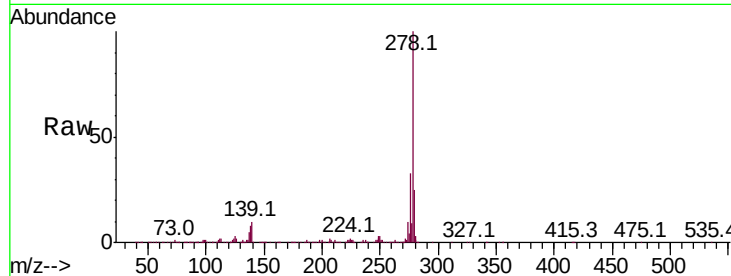




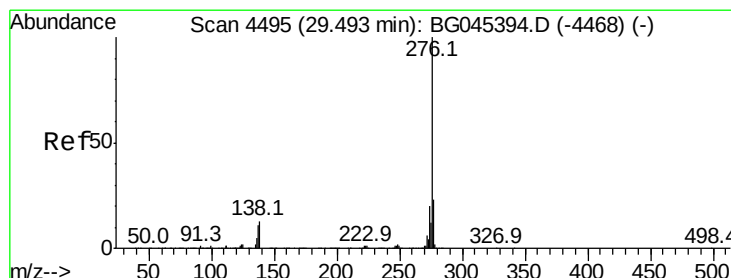
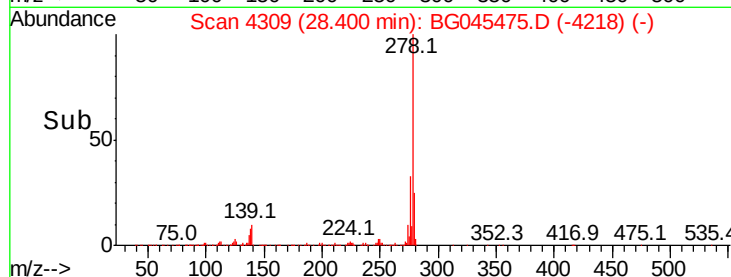
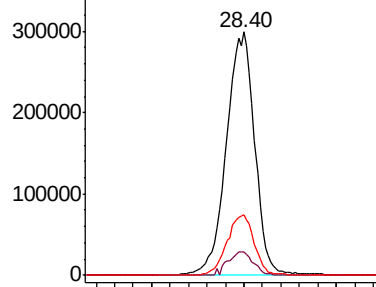
#91
Dibenzo(a,h)anthracene
Concen: 47.863 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion:278 Resp: 1275758
Ion Ratio Lower Upper
278 100
139 9.8 7.8 11.8
279 24.9 19.8 29.8

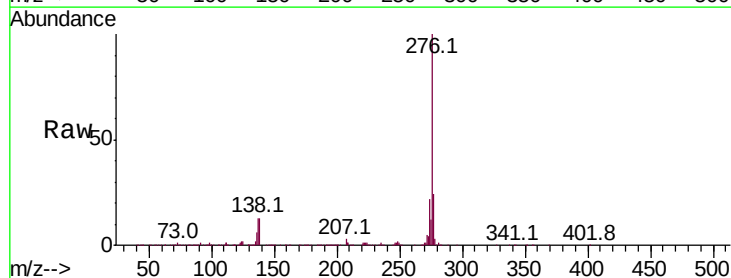


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.923 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:276 Resp: 1304169
Ion Ratio Lower Upper
276 100
277 24.4 18.1 27.1
138 12.9 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

