

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050165.D
 Acq On : 7 Sep 2021 11:06
 Operator : CG/JU
 Sample : SST00529
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005429

Quant Time: Sep 07 13:23:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 13:21:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	39445	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	156623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	95813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.366	188	206624	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.636	240	203634	20.000	ng/u1	0.00
88) Perylene-d12	24.855	264	198893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	1081	1.413	ng/uL	0.00
4) Pyridine-d5	3.731	84	185	0.080	ng/u1	0.00
7) Phenol-d5	7.126	99	13034	3.891	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	6982	3.752	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	10700	4.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.677	113	12018	4.556	ng/u1	0.00
21) Nitrobenzene-d5	9.124	128	5693	4.688	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	6725	4.651	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	12775	4.954	ng/u1	0.00
31) 4-Chloroaniline-d4	10.915	131	15315	4.363	ng/u1	0.00
46) Dimethylphthalate-d6	14.017	166	35773	4.879	ng/u1	0.00
49) Acenaphthylene-d8	14.305	160	41810	4.863	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	2151	2.028	ng/u1	0.02
60) Fluorene-d10	15.609	176	27230	4.380	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	3190	2.400	ng/u1	0.00
73) Anthracene-d10	17.366	188	206624	22.269	ng/u1	-0.10
81) Pyrene-d10	19.756	212	49363	4.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.632	264	51430	4.874	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	1490	1.598	ng/uL#	64
5) Pyridine	3.772	79	12199	4.899	ng/u1	85
6) Benzaldehyde	7.091	77	5521	2.864	ng/u1	91
8) Phenol	7.156	94	14010	4.141	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.367	93	10142	4.342	ng/u1	94
12) 2-Chlorophenol	7.520	128	10976	4.432	ng/u1#	91
13) 2-Methylphenol	8.413	108	10722	4.108	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.478	45	12370	5.051	ng/u1#	88
16) Acetophenone	8.783	105	20176	4.690	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.754	70	10253	4.746	ng/u1#	85
18) 4-Methylphenol	8.736	108	12638	4.501	ng/u1	95
19) Hexachloroethane	9.036	117	5566	5.135	ng/u1	99
22) Nitrobenzene	9.171	77	16470	5.006	ng/u1#	88
23) Isophorone	9.688	82	30062	5.128	ng/u1#	95
25) 2-Nitrophenol	9.882	139	7482	5.323	ng/u1#	71
26) 2,4-Dimethylphenol	9.946	107	16108	5.156	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	15636	5.165	ng/u1#	97
29) 2,4-Dichlorophenol	10.440	162	11625	4.911	ng/u1	93
30) Naphthalene	10.821	128	36034	4.603	ng/u1	99
32) 4-Chloroaniline	10.945	127	15297	4.525	ng/u1	88
33) Hexachlorobutadiene	11.098	225	9227	4.819	ng/u1	96
34) Caprolactam	11.697	113	2820	3.401	ng/u1	89
35) 4-Chloro-3-methylphenol	12.079	107	12525	4.428	ng/u1	92
36) 2-Methylnaphthalene	12.431	142	26864	4.616	ng/u1	91

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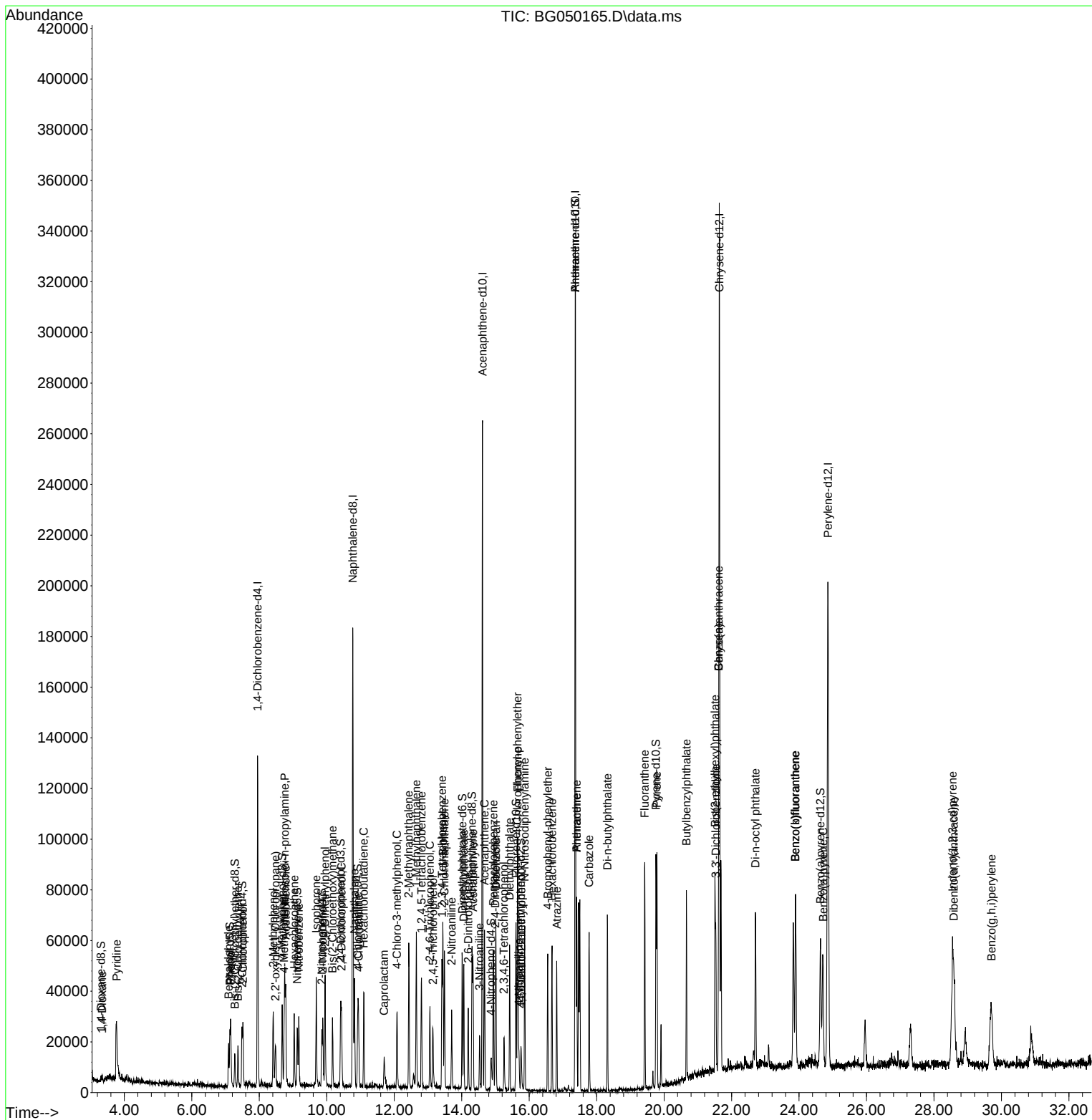
Instrument :
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 ClientSampleId :
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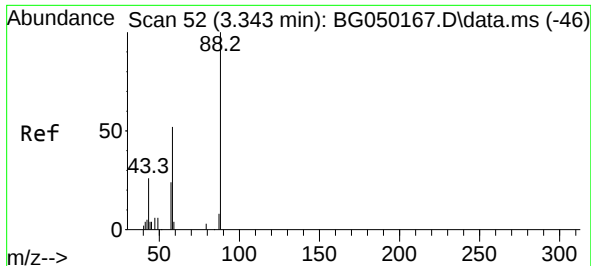
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	27675	4.711	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.807	216	15006	5.332	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.060	196	7494	4.179	ng/ul	96
42) 2,4,5-Trichlorophenol	13.148	196	8308	4.420	ng/ul#	90
43) 1,1'-Biphenyl	13.441	154	34115	5.096	ng/ul	96
44) 2-Chloronaphthalene	13.488	162	26320	4.895	ng/ul#	90
45) 2-Nitroaniline	13.700	65	8434	4.620	ng/ul	96
47) Dimethylphthalate	14.058	163	33644	4.636	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	6827	4.557	ng/ul	90
50) Acenaphthylene	14.334	152	38673	4.922	ng/ul	96
51) 3-Nitroaniline	14.528	138	5841	4.040	ng/ul#	69
52) Acenaphthene	14.675	153	26506	4.650	ng/ul	94
56) Dibenzofuran	15.016	168	37048	4.693	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	9191	4.265	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	5709	3.665	ng/ul#	89
59) Diethylphthalate	15.421	149	31281	4.214	ng/ul	96
61) Fluorene	15.662	166	31407	4.716	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.650	204	16787	4.764	ng/ul	91
63) 4-Nitroaniline	15.697	138	3659	2.536	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.768	198	2860	2.374	ng/ul#	97
67) N-Nitrosodiphenylamine	15.868	169	25945	4.769	ng/ul	95
68) 4-Bromophenyl-phenylether	16.549	248	11102	4.857	ng/ul	98
69) Hexachlorobenzene	16.678	284	12489	4.732	ng/ul#	89
70) Atrazine	16.819	200	10983	4.545	ng/ul	96
72) Phenanthrene	17.407	178	48892	4.746	ng/ul	98
74) Anthracene	17.407	178	48892	4.684	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.418	216	15897	5.734	ng/uL#	86
76) Pentachlorobenzene	14.939	250	16426	5.592	ng/uL#	86
77) Carbazole	17.777	167	41925	4.514	ng/ul	96
78) Di-n-butylphthalate	18.317	149	51158	4.306	ng/ul	99
80) Fluoranthene	19.427	202	60082	4.425	ng/ul#	97
82) Pyrene	19.786	202	61152	4.545	ng/ul#	98
83) Butylbenzylphthalate	20.661	149	21046	3.963	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.531	252	20867	4.323	ng/ul#	93
85) Benzo(a)anthracene	21.619	228	58937	4.645	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.507	149	31449	4.313	ng/ul	98
87) Chrysene	21.619	228	58937	4.914	ng/ul	98
89) Di-n-octyl phthalate	22.705	149	54066	4.582	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	56910	4.473	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	56910	4.706	ng/ul	100
93) Benzo(a)pyrene	24.714	252	51612	4.671	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.550	276	45446	3.118	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.586	278	33142	2.716	ng/ul#	84
96) Benzo(g,h,i)perylene	29.702	276	53830	4.393	ng/ul#	94

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

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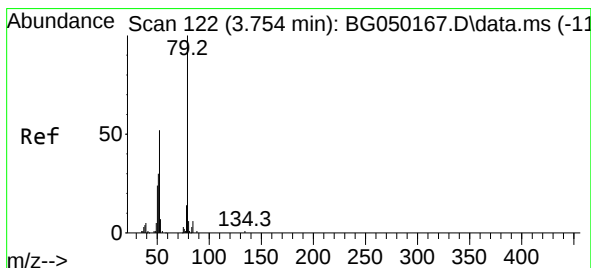
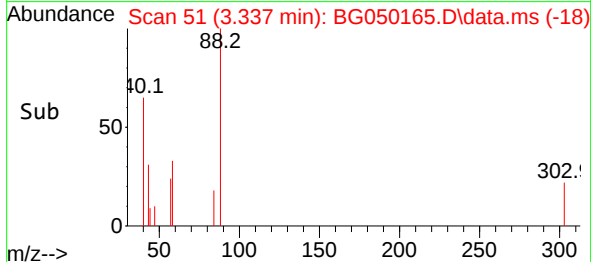
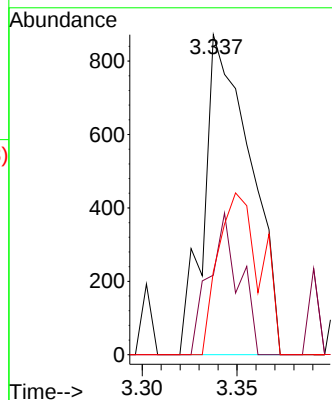
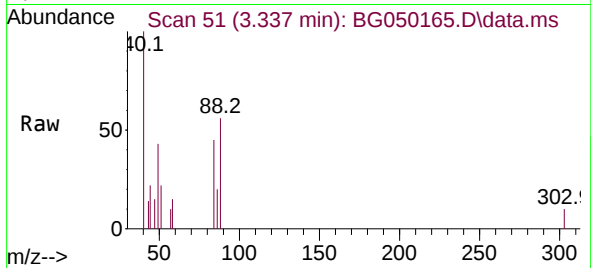




#2
1,4-Dioxane
Concen: 1.598 ng/uL
RT: 3.337 min Scan# 51
Delta R.T. -0.005 min
Lab File: BG050165.D
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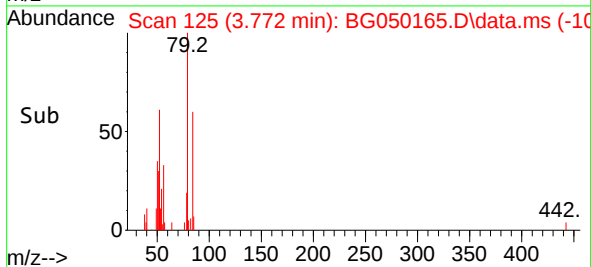
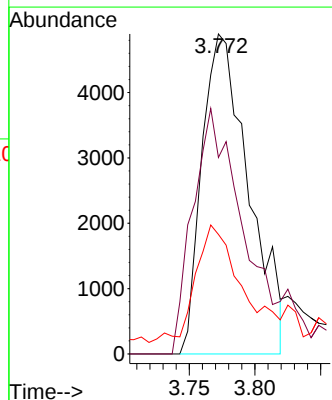
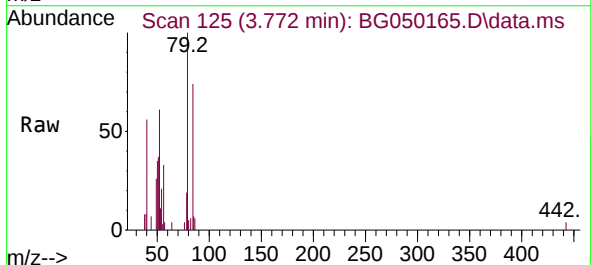
Instrument :
BNA_G
ClientSampleId :
SSTD005429

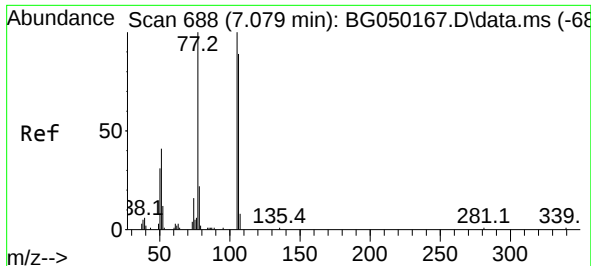
Tgt Ion: 88	Resp: 1490
Ion Ratio	Lower Upper
88 100	
43 24.9	21.6 32.4
58 25.9	52.0 78.0#



#5
Pyridine
Concen: 4.899 ng/uL
RT: 3.772 min Scan# 125
Delta R.T. 0.018 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion: 79	Resp: 12199
Ion Ratio	Lower Upper
79 100	
52 61.4	61.1 91.7
51 37.4	34.8 52.2

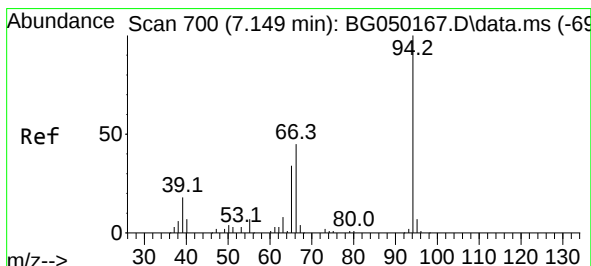
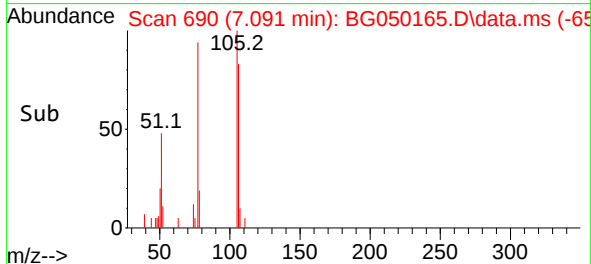
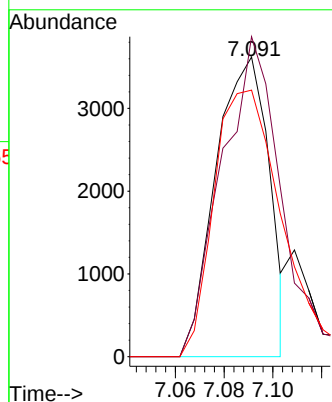
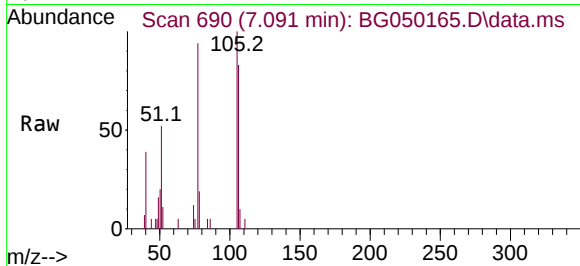




#6
Benzaldehyde
Concen: 2.864 ng/ul
RT: 7.091 min Scan# 690
Delta R.T. 0.012 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

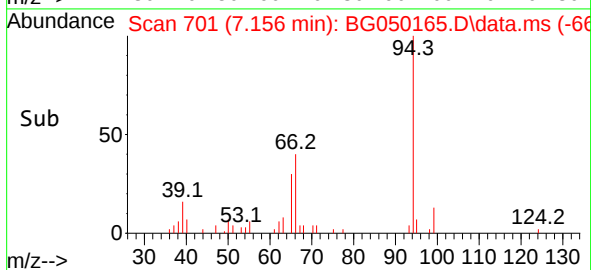
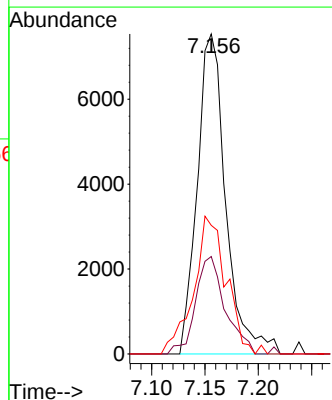
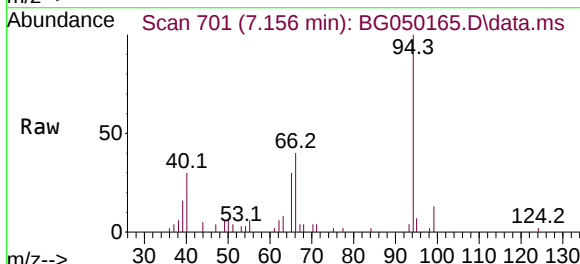
Instrument :
BNA_G
ClientSampleId :
SSTD005429

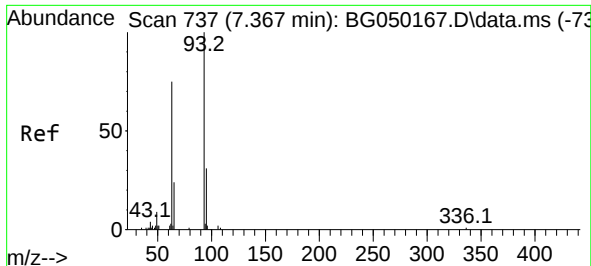
Tgt Ion: 77	Resp: 5521
Ion Ratio	Lower Upper
77 100	
105 106.8	72.3 108.5
106 89.0	72.3 108.5



#8
Phenol
Concen: 4.141 ng/ul
RT: 7.156 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion: 94	Resp: 14010
Ion Ratio	Lower Upper
94 100	
65 30.4	27.7 41.5
66 40.2	39.0 58.4

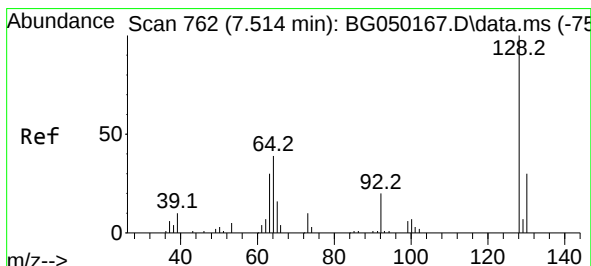
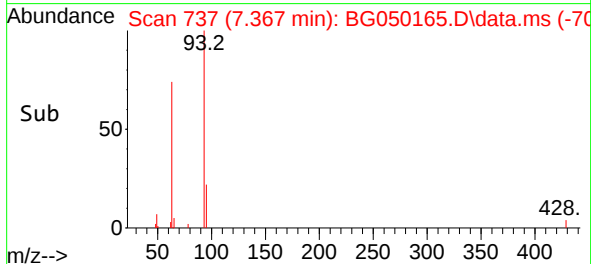
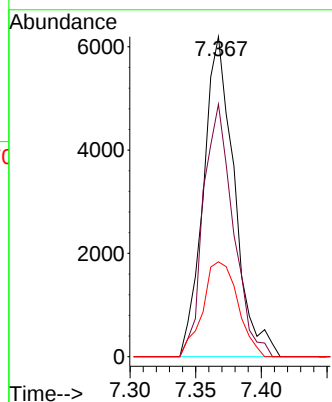
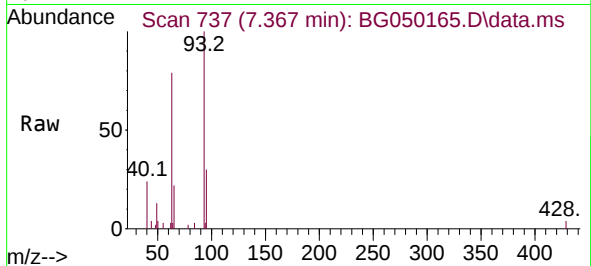




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.342 ng/ul
 RT: 7.367 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: BG050165.D
 Acq: 7 Sep 2021 11:06

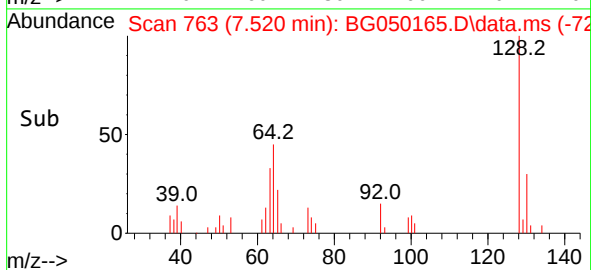
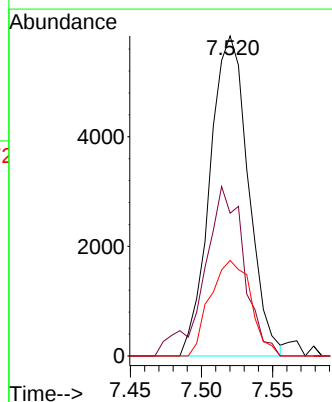
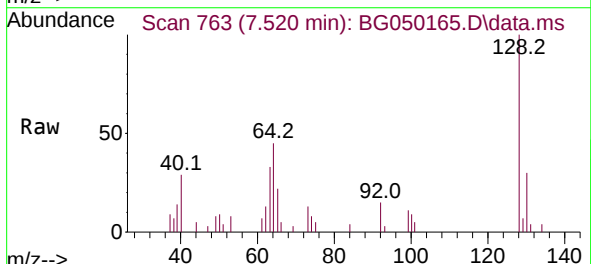
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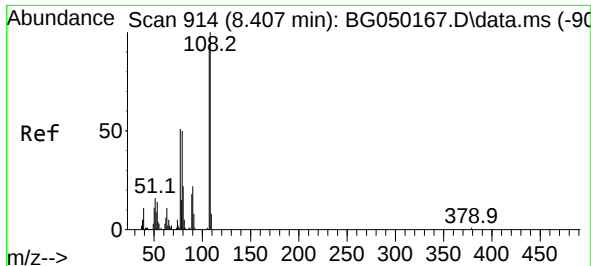
Tgt Ion:	93	Resp:	10142
Ion	Ratio	Lower	Upper
93	100		
63	78.9	59.9	89.9
95	29.6	27.6	41.4



#12
 2-Chlorophenol
 Concen: 4.432 ng/ul
 RT: 7.520 min Scan# 763
 Delta R.T. 0.006 min
 Lab File: BG050165.D
 Acq: 7 Sep 2021 11:06

Tgt Ion:	128	Resp:	10976
Ion	Ratio	Lower	Upper
128	100		
64	44.6	28.0	42.0#
130	29.8	24.4	36.6

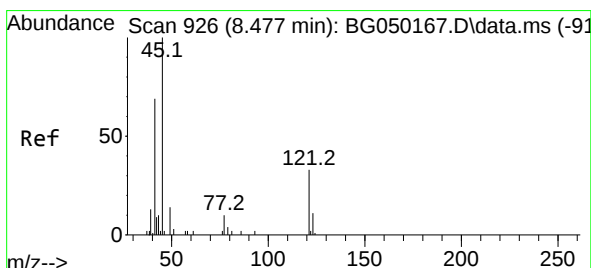
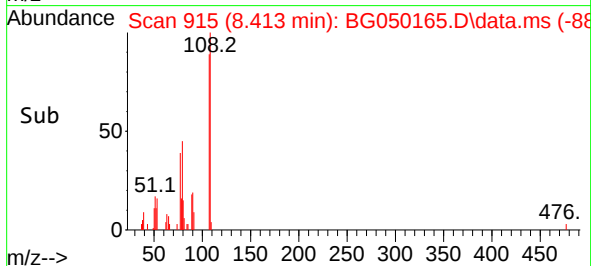
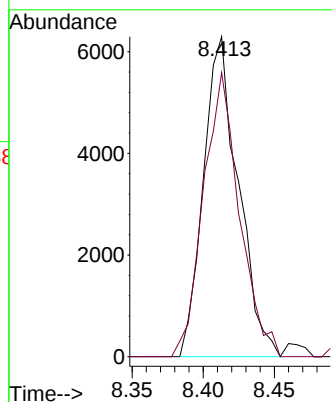
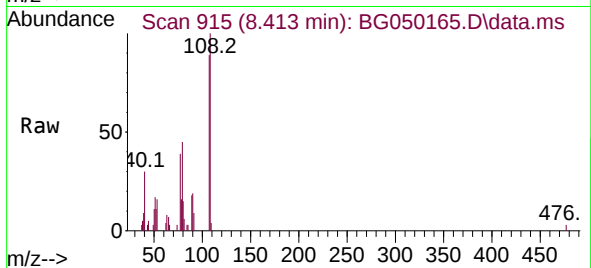




#13
2-Methylphenol
Concen: 4.108 ng/ul
RT: 8.413 min Scan# 915
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

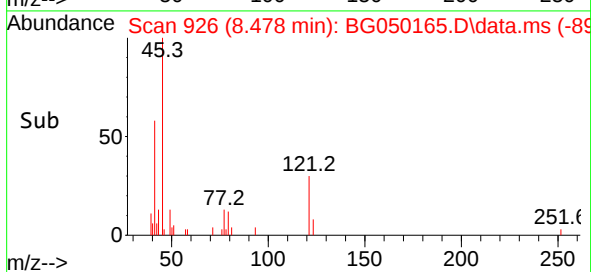
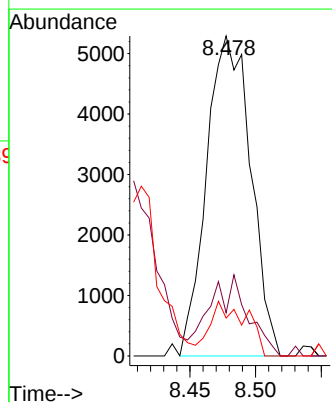
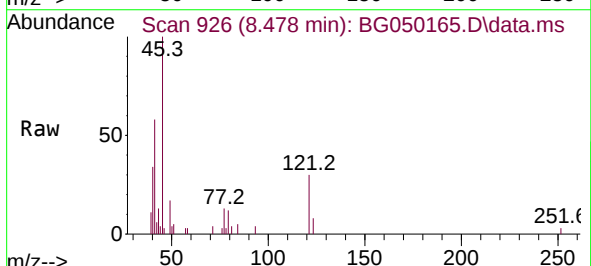
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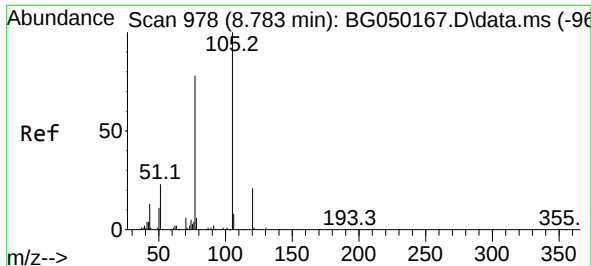
Tgt Ion:108 Resp: 10722
Ion Ratio Lower Upper
108 100
107 88.7 71.0 106.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.051 ng/ul
RT: 8.478 min Scan# 926
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion: 45 Resp: 12370
Ion Ratio Lower Upper
45 100
77 13.5 16.9 25.3#
79 11.9 11.0 16.4

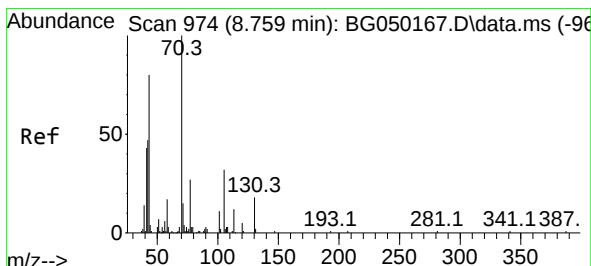
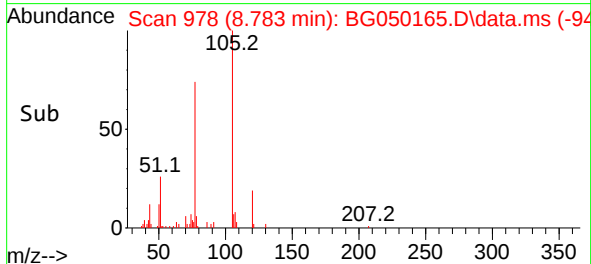
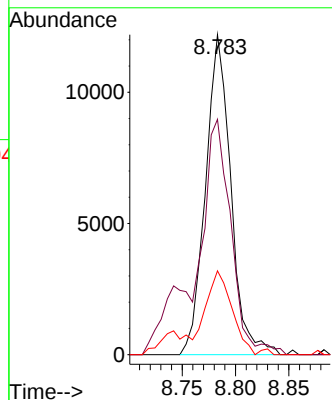
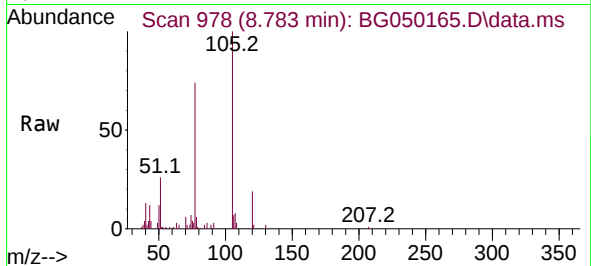




#16
Acetophenone
Concen: 4.690 ng/ul
RT: 8.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

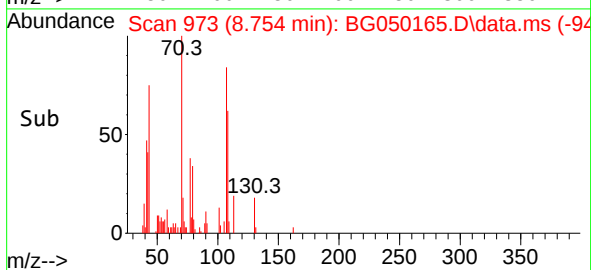
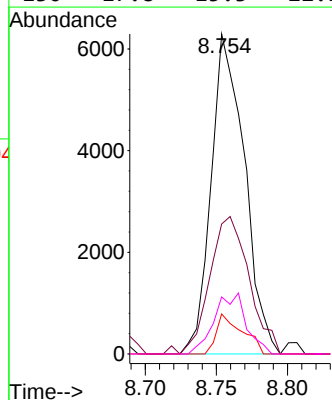
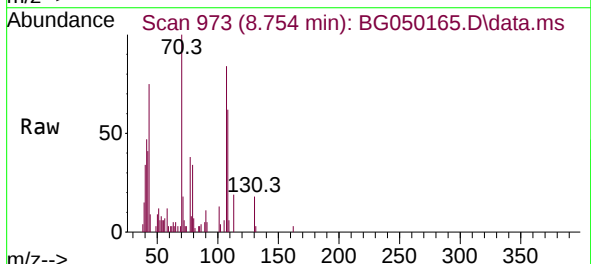
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ClientSampleId :
SSTD005429

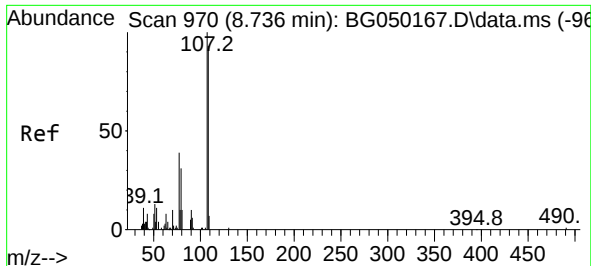
Tgt Ion:105 Resp: 20176
Ion Ratio Lower Upper
105 100
77 73.6 67.7 101.5
51 26.2 25.3 37.9



#17
N-Nitroso-di-n-propylamine
Concen: 4.746 ng/ul
RT: 8.754 min Scan# 973
Delta R.T. -0.005 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion: 70 Resp: 10253
Ion Ratio Lower Upper
70 100
42 40.6 44.2 66.4#
101 12.5 7.8 11.8#
130 17.8 15.3 22.9

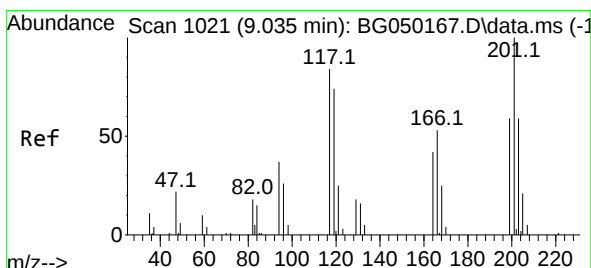
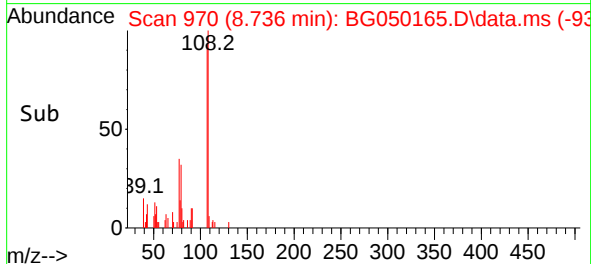
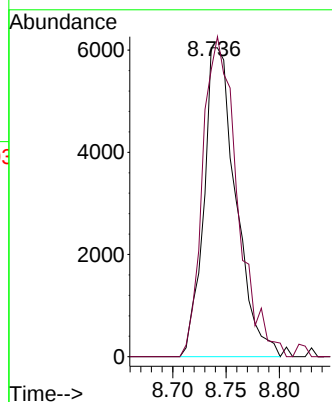
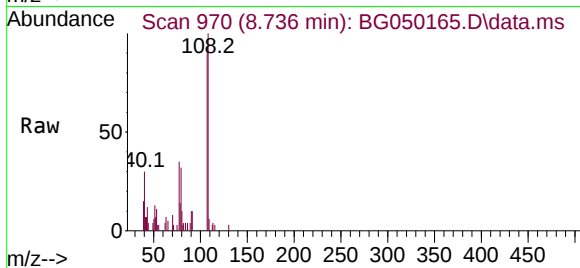




#18
4-Methylphenol
Concen: 4.501 ng/ul
RT: 8.736 min Scan# 970
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

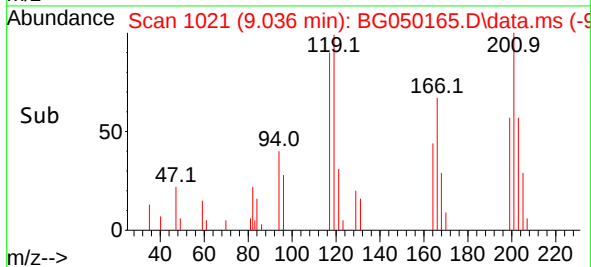
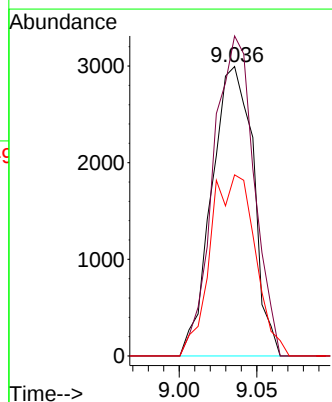
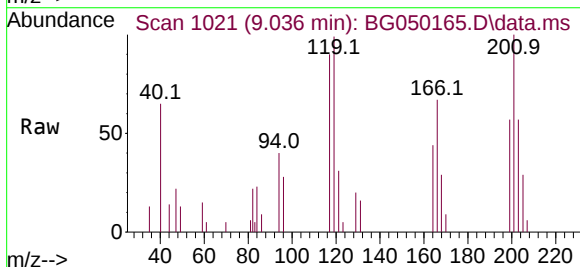
Instrument :
BNA_G
ClientSampleId :
SSTD005429

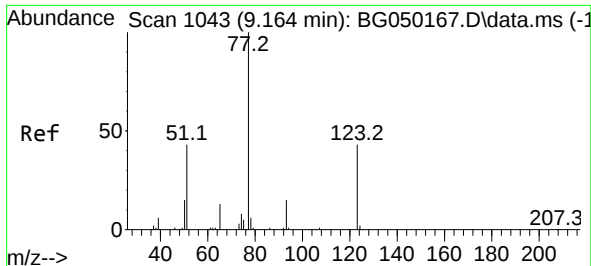
Tgt Ion:108 Resp: 12638
Ion Ratio Lower Upper
108 100
107 92.9 78.3 117.5



#19
Hexachloroethane
Concen: 5.135 ng/ul
RT: 9.036 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:117 Resp: 5566
Ion Ratio Lower Upper
117 100
201 110.6 89.3 133.9
199 62.6 50.5 75.7





#22

Nitrobenzene

Concen: 5.006 ng/ul

RT: 9.171 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

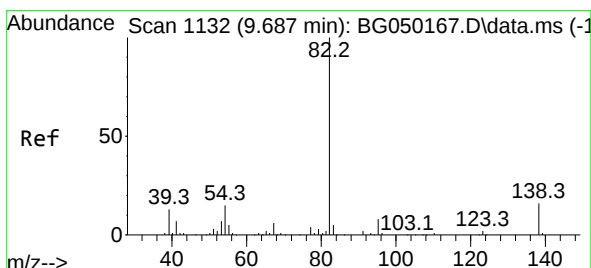
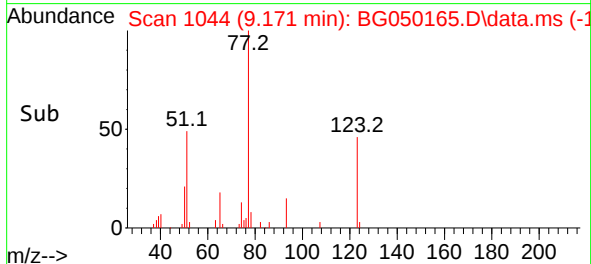
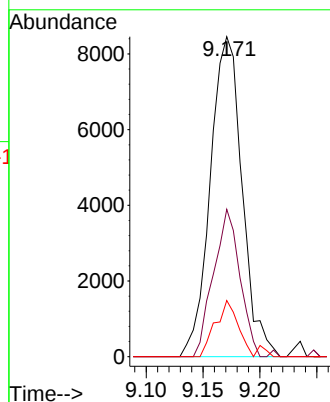
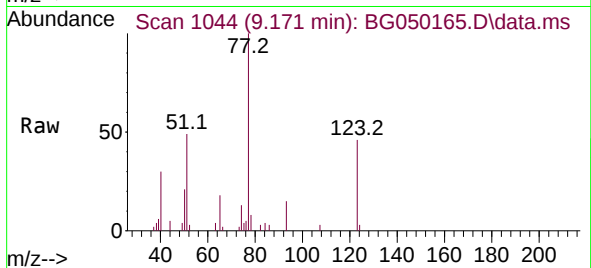
Instrument :

BNA_G

ClientSampleId :

SSTD005429

Tgt Ion: 77 Resp: 16470
 Ion Ratio Lower Upper
 77 100
 123 46.1 30.4 45.6#
 65 17.5 11.3 16.9#



#23

Isophorone

Concen: 5.128 ng/ul

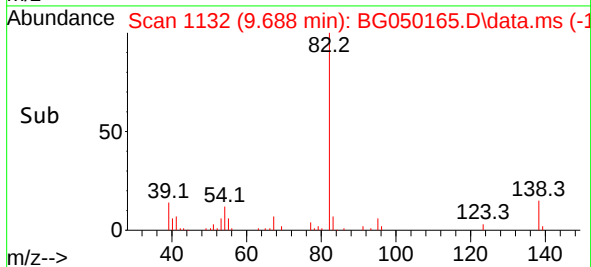
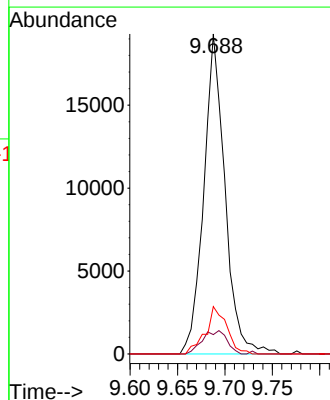
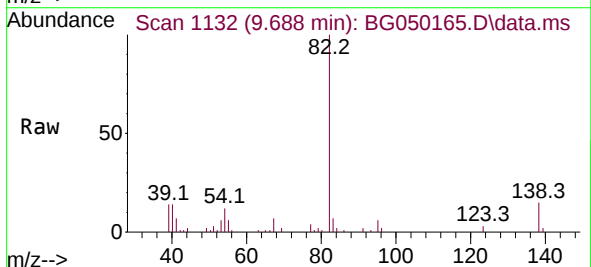
RT: 9.688 min Scan# 1132

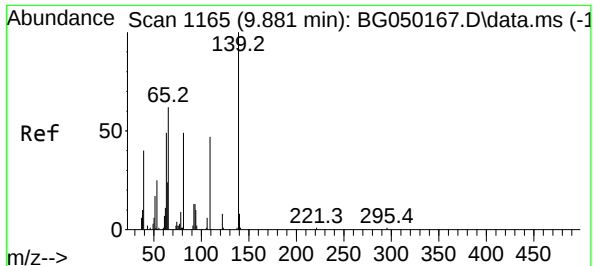
Delta R.T. 0.000 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

Tgt Ion: 82 Resp: 30062
 Ion Ratio Lower Upper
 82 100
 95 6.0 7.8 11.8#
 138 14.8 11.4 17.0

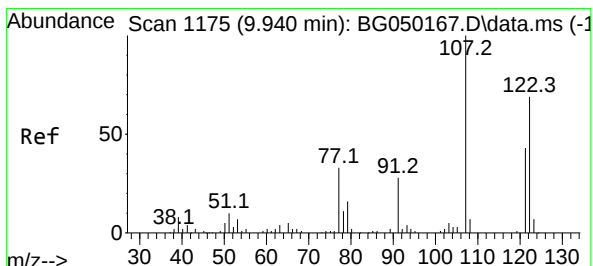
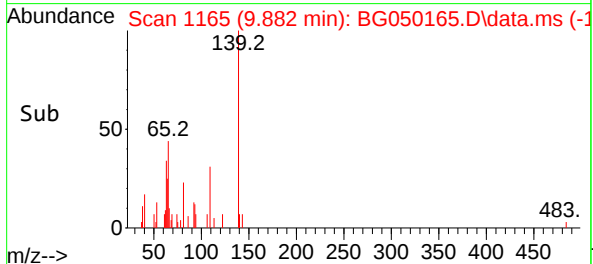
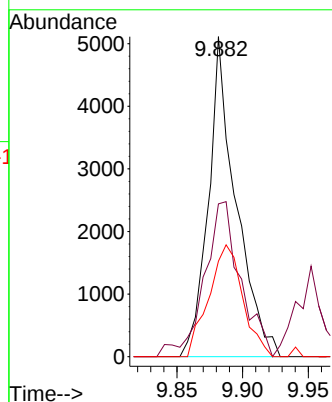
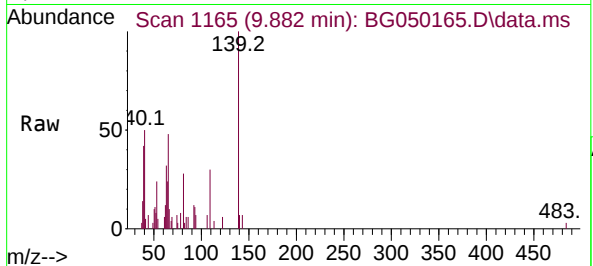




#25
2-Nitrophenol
Concen: 5.323 ng/ul
RT: 9.882 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

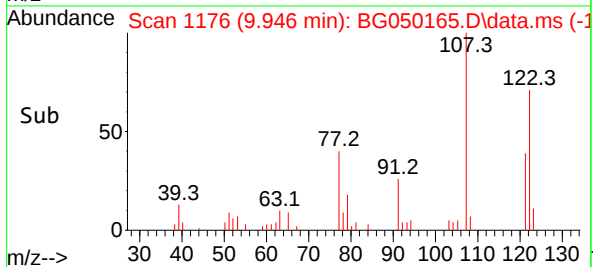
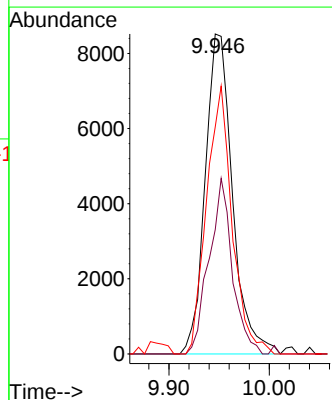
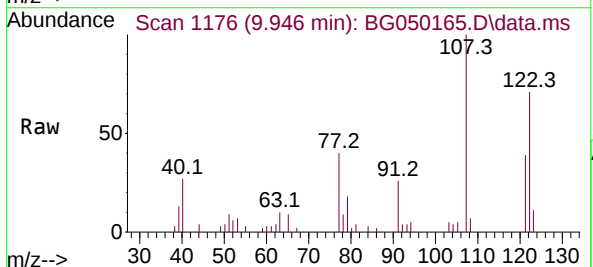
Instrument :
BNA_G
ClientSampleId :
SSTD005429

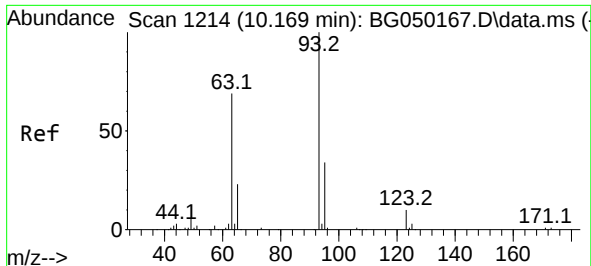
Tgt Ion:139 Resp: 7482
Ion Ratio Lower Upper
139 100
65 47.7 53.1 79.7#
109 29.9 44.1 66.1#



#26
2,4-Dimethylphenol
Concen: 5.156 ng/ul
RT: 9.946 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:107 Resp: 16108
Ion Ratio Lower Upper
107 100
121 38.8 32.7 49.1
122 70.9 52.6 79.0



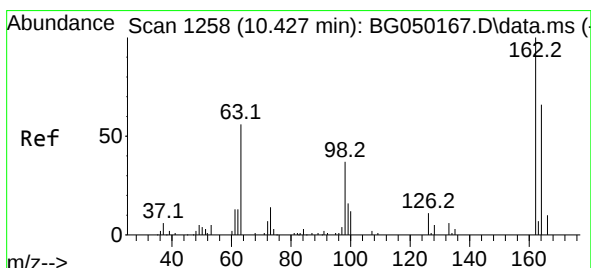
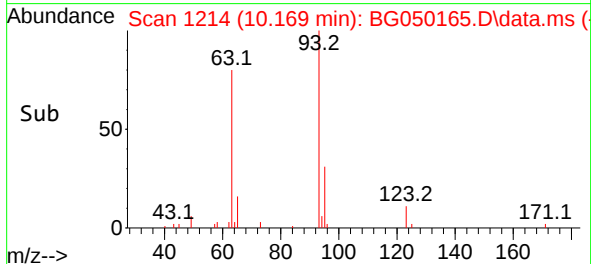
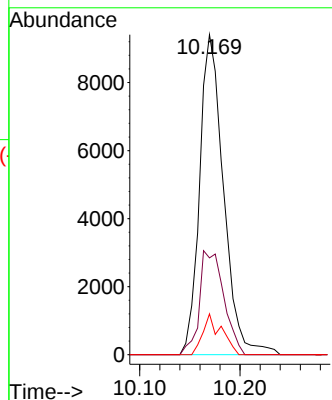
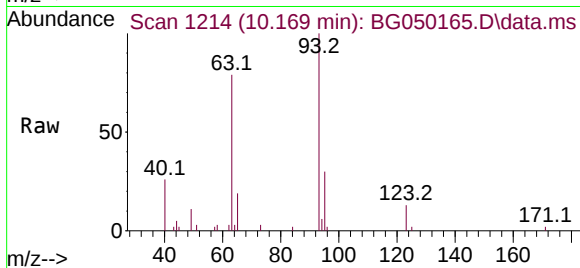


#27

Bis(2-Chloroethoxy)methane
Concen: 5.165 ng/ul
RT: 10.169 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Instrument :
BNA_G
ClientSampleId :
SSTD005429

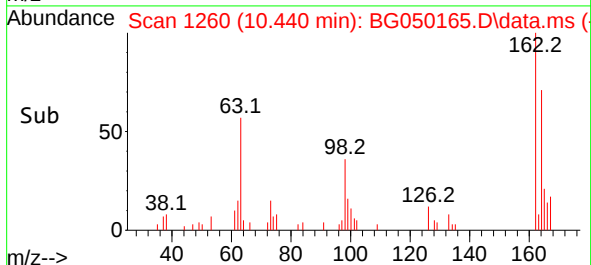
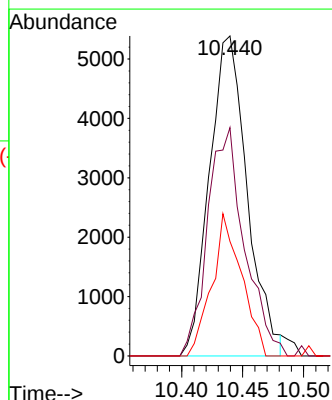
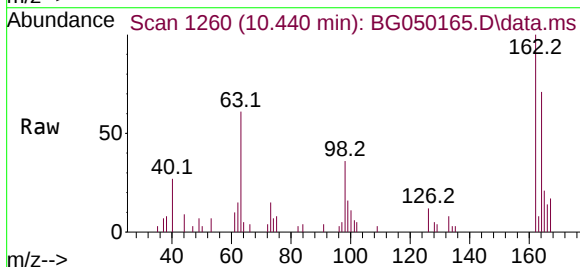
Tgt Ion: 93 Resp: 15636
Ion Ratio Lower Upper
93 100
95 30.3 24.8 37.2
123 12.7 8.2 12.2#

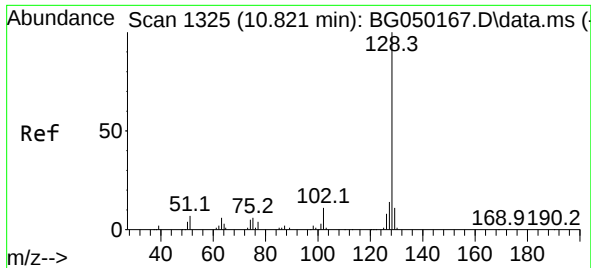


#29

2,4-Dichlorophenol
Concen: 4.911 ng/ul
RT: 10.440 min Scan# 1260
Delta R.T. 0.012 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:162 Resp: 11625
Ion Ratio Lower Upper
162 100
164 71.3 51.0 76.6
98 35.8 27.8 41.8

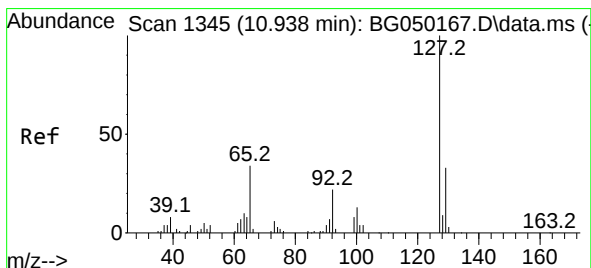
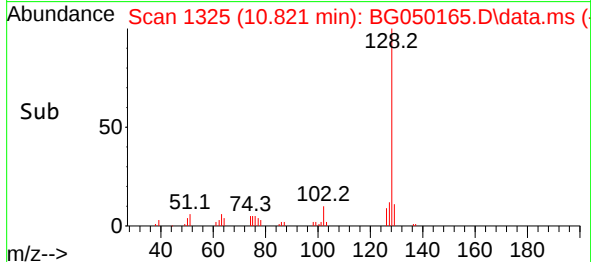
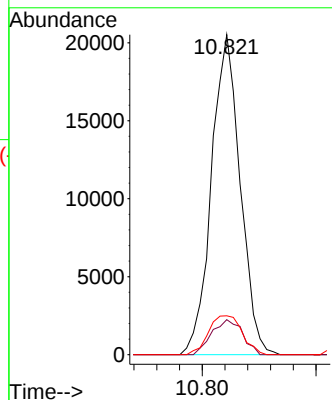
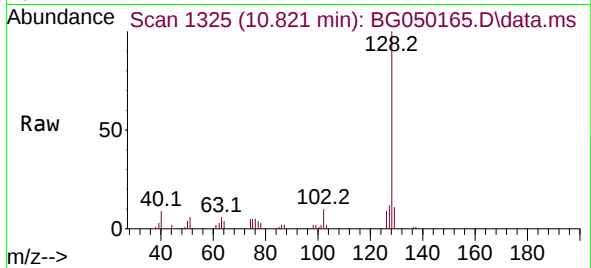




#30
Naphthalene
Concen: 4.603 ng/ul
RT: 10.821 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

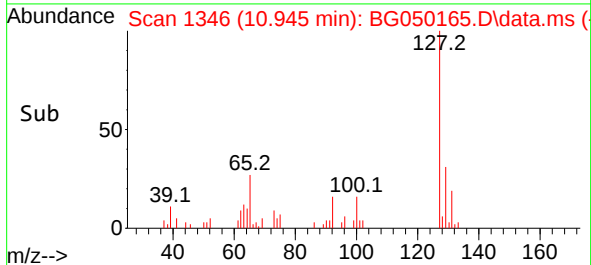
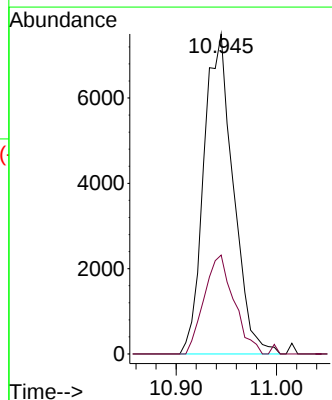
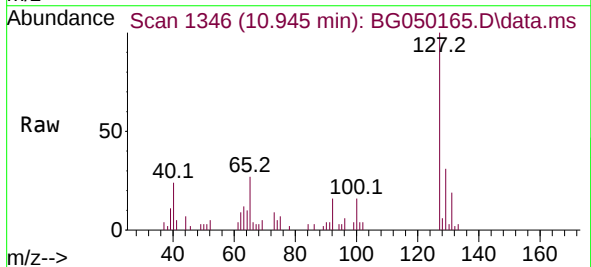
Instrument :
BNA_G
ClientSampleId :
SSTD005429

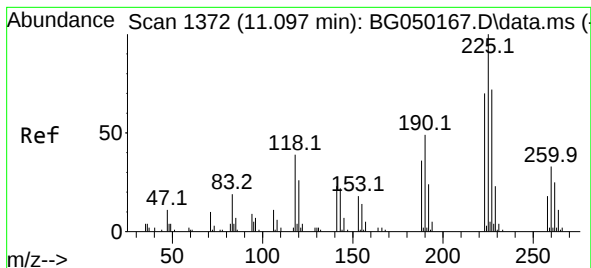
Tgt Ion:128 Resp: 36034
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.2 9.8 14.6



#32
4-Chloroaniline
Concen: 4.525 ng/ul
RT: 10.945 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:127 Resp: 15297
Ion Ratio Lower Upper
127 100
129 30.9 30.3 45.5

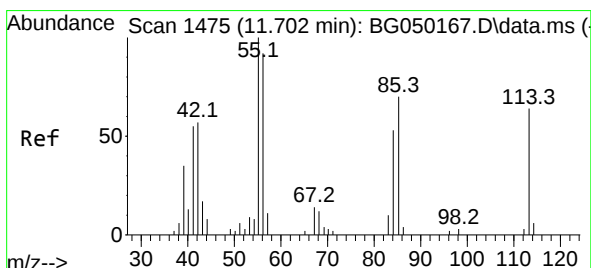
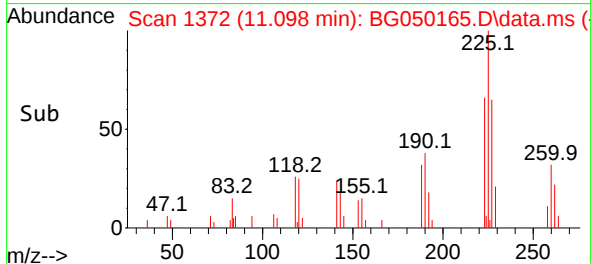
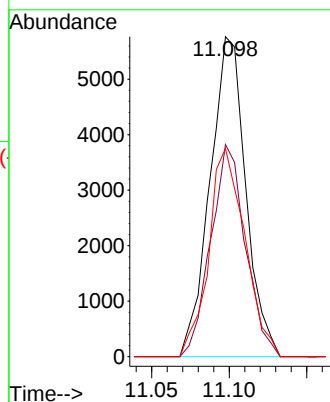
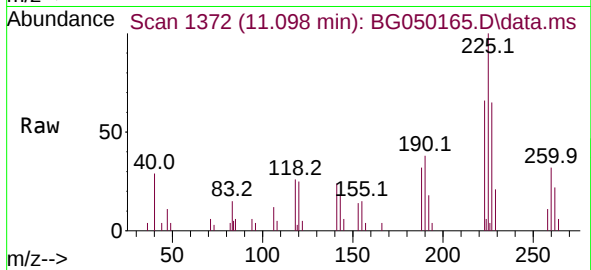




#33
Hexachlorobutadiene
Concen: 4.819 ng/ul
RT: 11.098 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

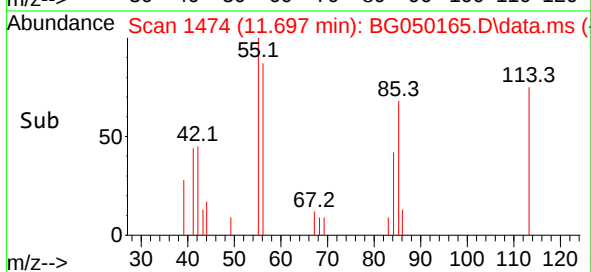
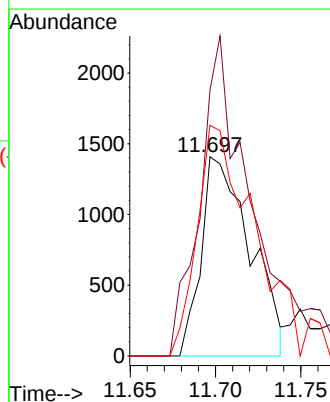
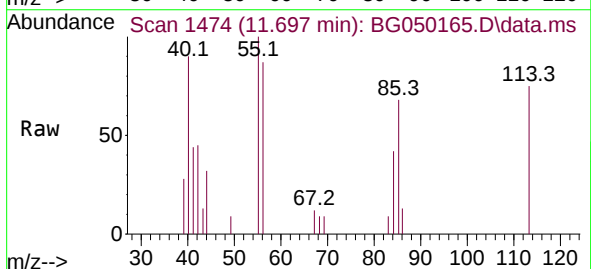
Instrument :
BNA_G
ClientSampleId :
SSTD005429

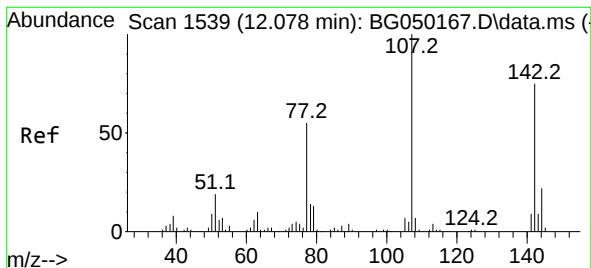
Tgt Ion:225 Resp: 9227
Ion Ratio Lower Upper
225 100
223 66.3 51.3 76.9
227 65.1 55.1 82.7



#34
Caprolactam
Concen: 3.401 ng/ul
RT: 11.697 min Scan# 1474
Delta R.T. -0.005 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:113 Resp: 2820
Ion Ratio Lower Upper
113 100
55 133.3 114.0 171.0
56 115.8 107.4 161.0

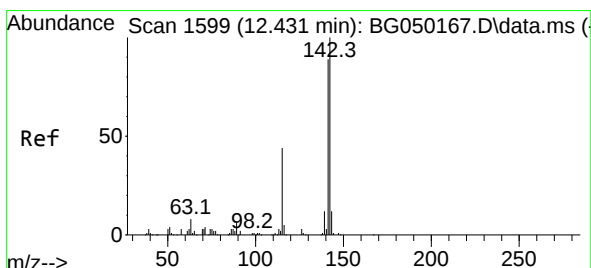
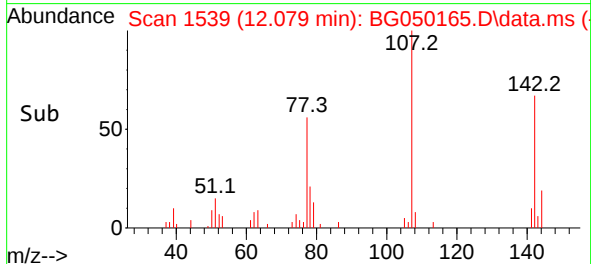
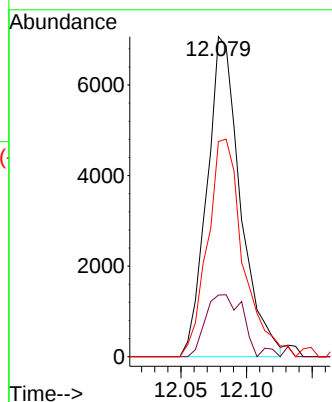
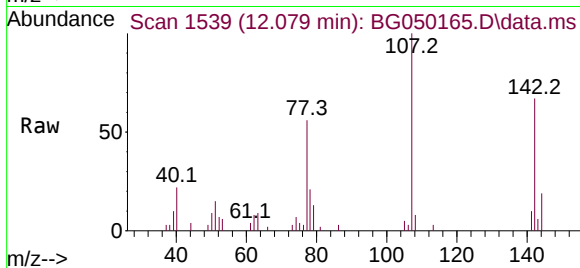




#35
4-Chloro-3-methylphenol
Concen: 4.428 ng/ul
RT: 12.079 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

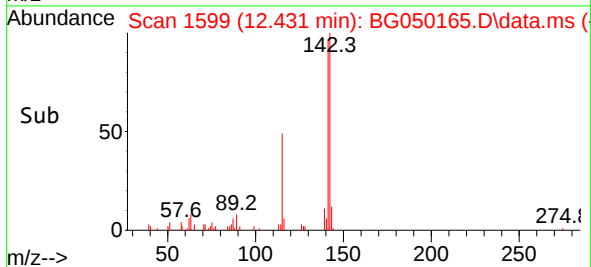
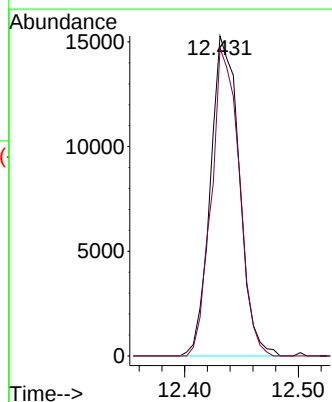
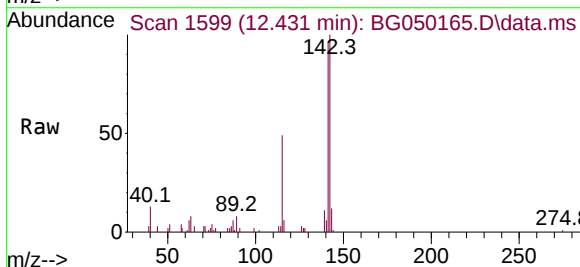
Instrument :
BNA_G
ClientSampleId :
SSTD005429

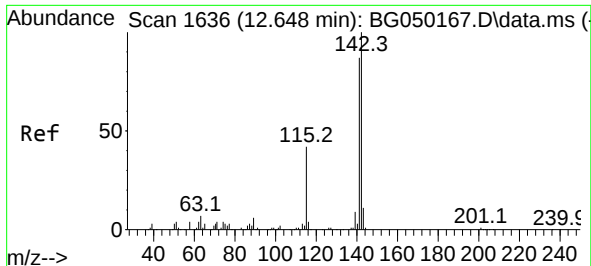
Tgt Ion:	107	Resp:	12525
Ion	Ratio	Lower	Upper
107	100		
144	19.2	18.9	28.3
142	67.3	59.2	88.8



#36
2-Methylnaphthalene
Concen: 4.616 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:	142	Resp:	26864
Ion	Ratio	Lower	Upper
142	100		
141	96.2	70.5	105.7

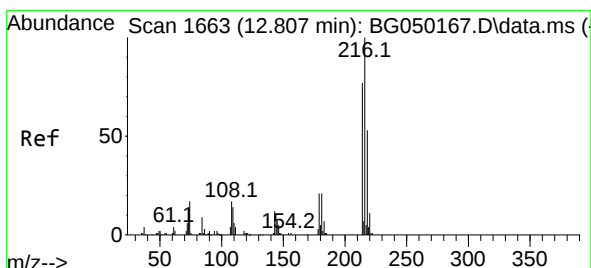
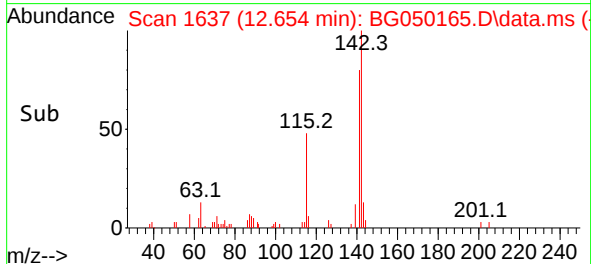
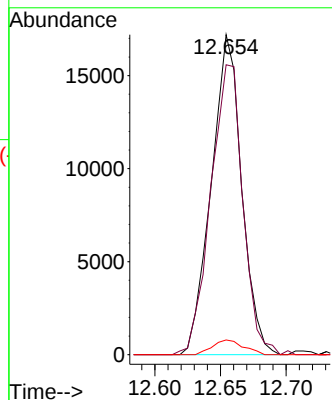
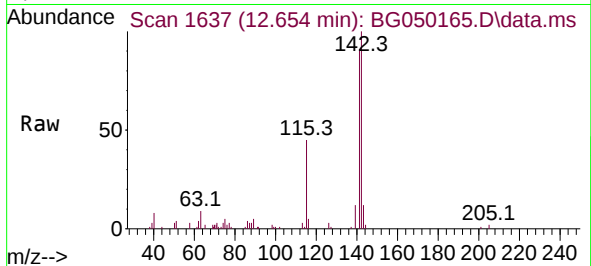




#37
1-Methylnaphthalene
Concen: 4.711 ng/ul
RT: 12.654 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

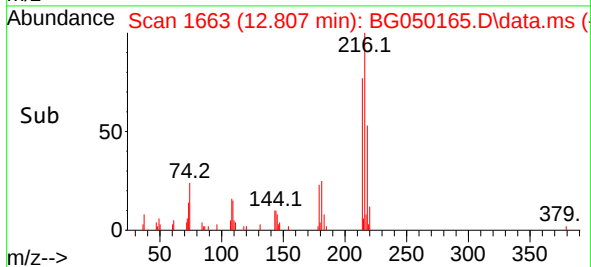
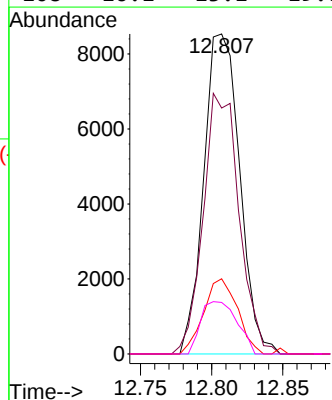
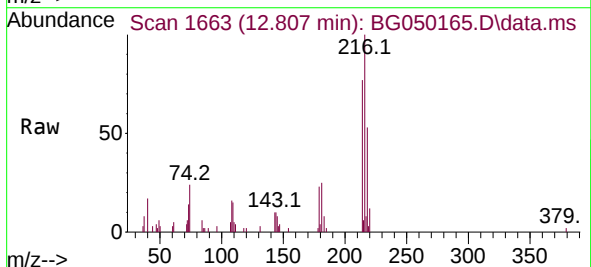
Instrument :
BNA_G
ClientSampleId :
SSTD005429

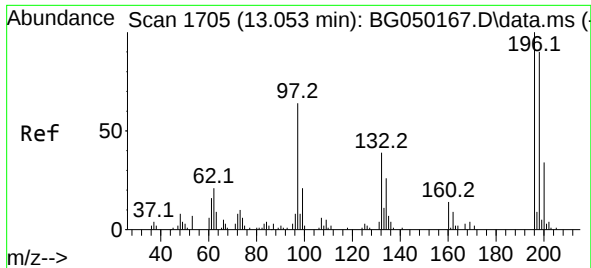
Tgt Ion:142 Resp: 27675
Ion Ratio Lower Upper
142 100
141 90.6 75.8 113.8
116 4.6 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.332 ng/ul
RT: 12.807 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:216 Resp: 15006
Ion Ratio Lower Upper
216 100
214 76.9 64.2 96.2
179 23.5 12.8 19.2#
108 16.1 13.1 19.7

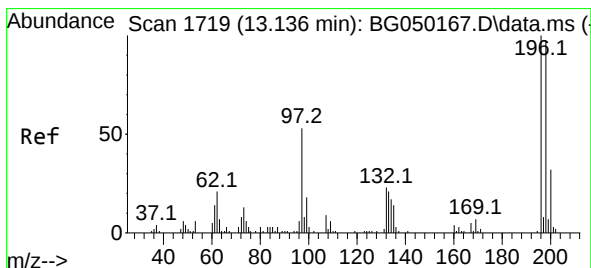
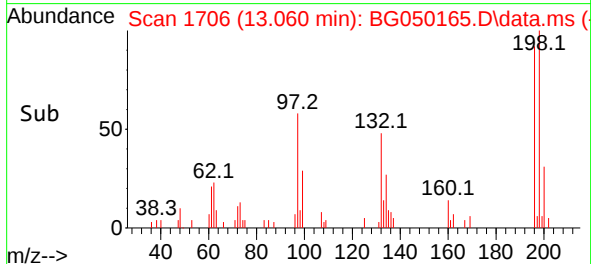
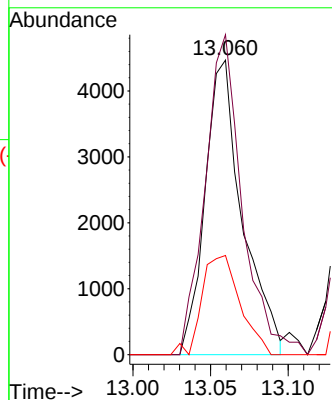
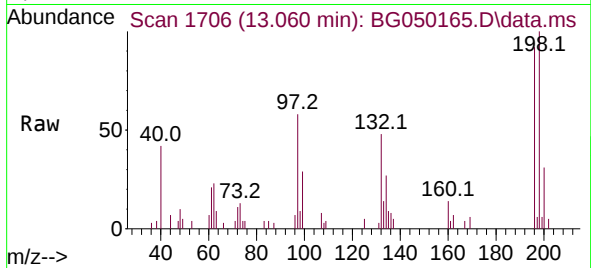




#41
2,4,6-Trichlorophenol
Concen: 4.179 ng/ul
RT: 13.060 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

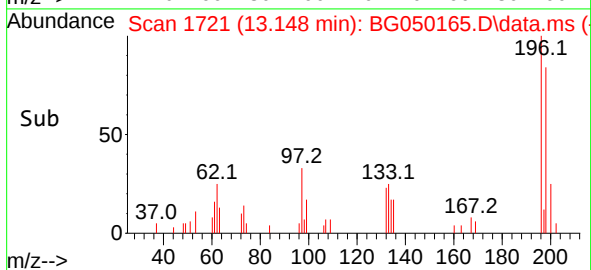
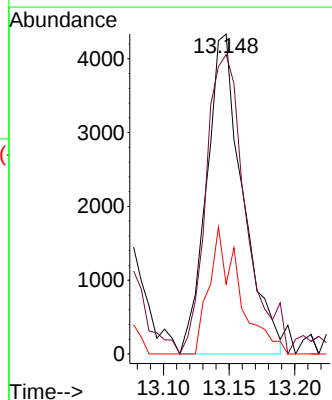
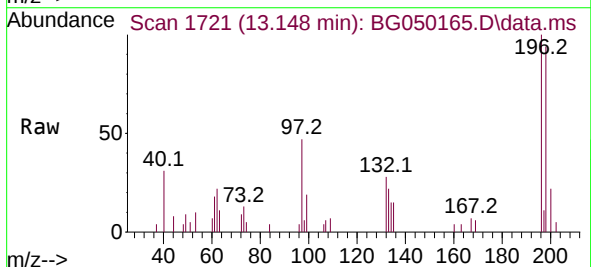
Instrument :
BNA_G
ClientSampleId :
SSTD005429

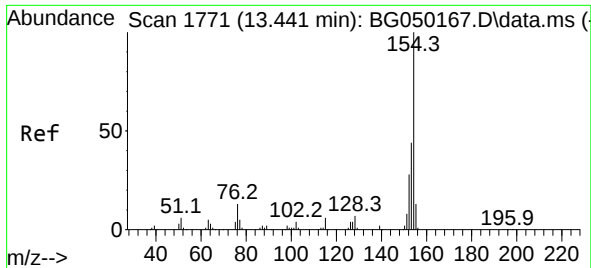
Tgt Ion:196 Resp: 7494
Ion Ratio Lower Upper
196 100
198 108.7 83.7 125.5
200 33.7 25.9 38.9



#42
2,4,5-Trichlorophenol
Concen: 4.420 ng/ul
RT: 13.148 min Scan# 1721
Delta R.T. 0.012 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:196 Resp: 8308
Ion Ratio Lower Upper
196 100
198 93.6 70.3 105.5
200 21.8 26.6 40.0#

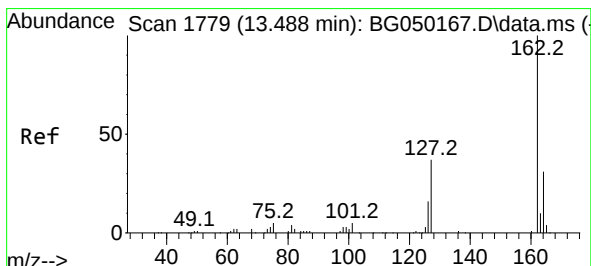
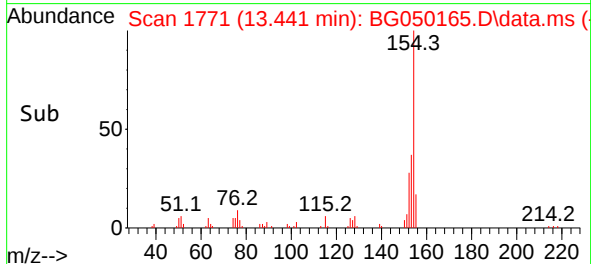
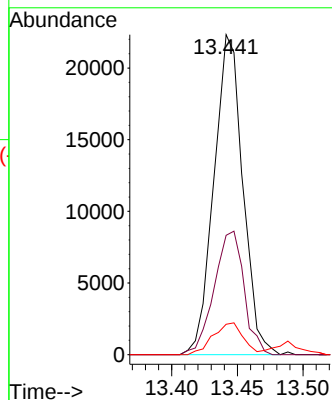
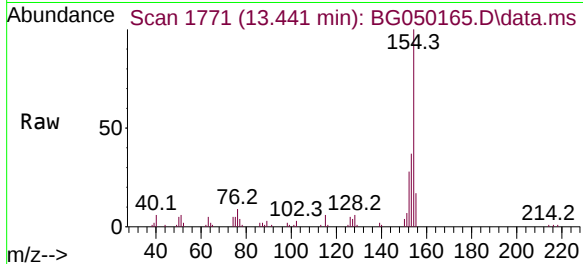




#43
1,1'-Biphenyl
Concen: 5.096 ng/ul
RT: 13.441 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

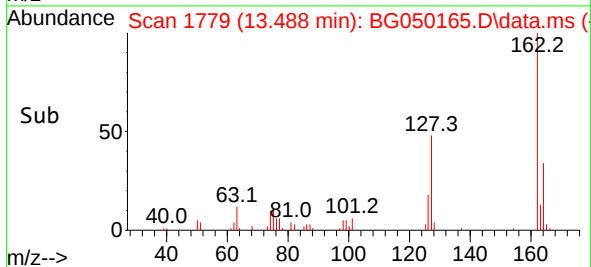
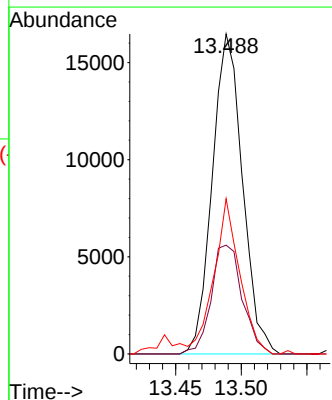
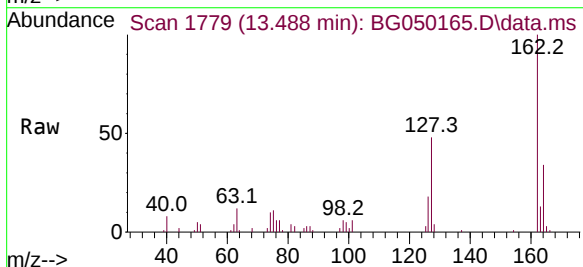
Instrument :
BNA_G
ClientSampleId :
SSTD005429

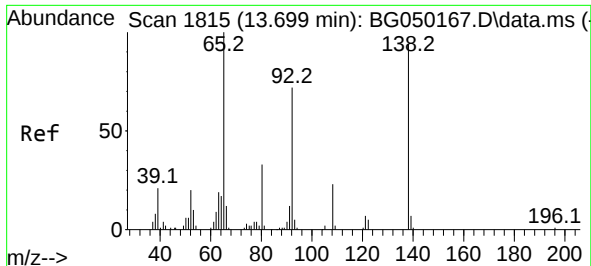
Tgt Ion:154	Resp:	34115
Ion Ratio	Lower	Upper
154	100	
153	37.3	32.5 48.7
76	9.5	7.8 11.8



#44
2-Chloronaphthalene
Concen: 4.895 ng/ul
RT: 13.488 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:162	Resp:	26320
Ion Ratio	Lower	Upper
162	100	
164	34.0	25.2 37.8
127	48.5	31.9 47.9#

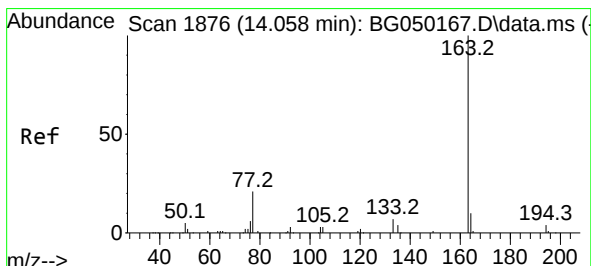
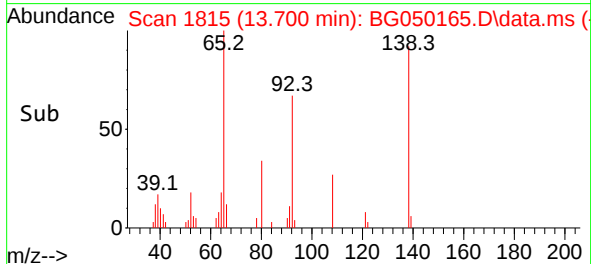
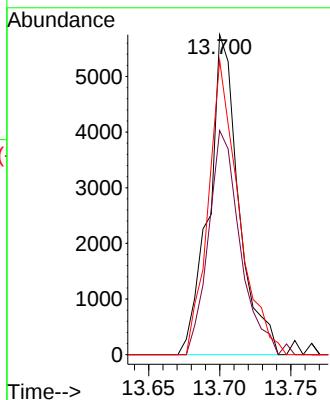
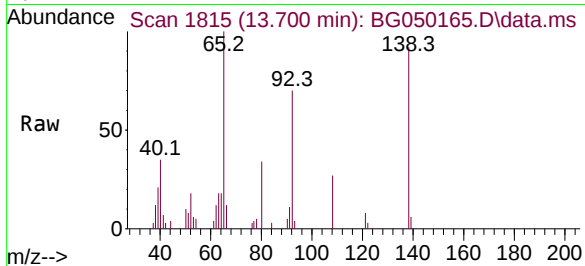




#45
2-Nitroaniline
Concen: 4.620 ng/ul
RT: 13.700 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

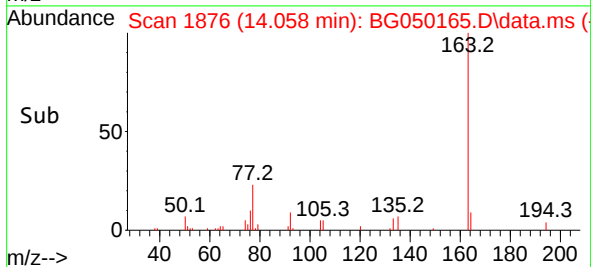
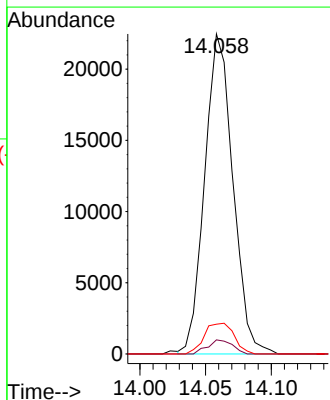
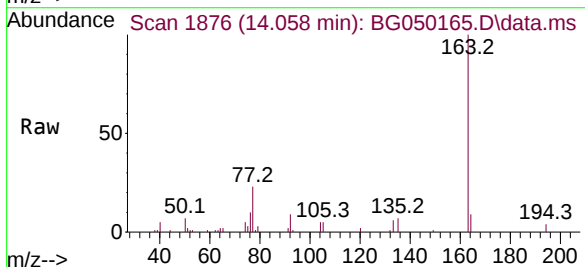
Instrument :
BNA_G
ClientSampleId :
SSTD005429

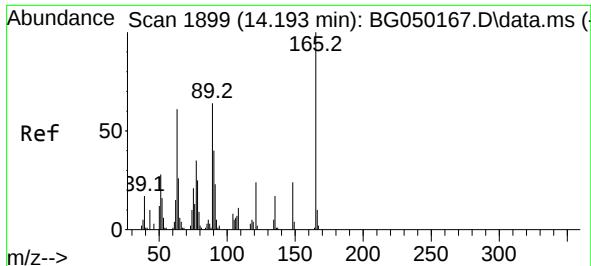
Tgt Ion: 65 Resp: 8434
Ion Ratio Lower Upper
65 100
92 70.1 55.6 83.4
138 92.0 78.7 118.1



#47
Dimethylphthalate
Concen: 4.636 ng/ul
RT: 14.058 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:163 Resp: 33644
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.3 8.2 12.4

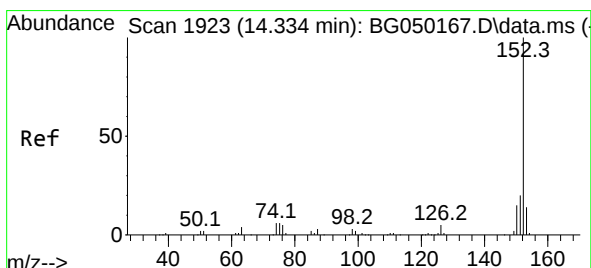
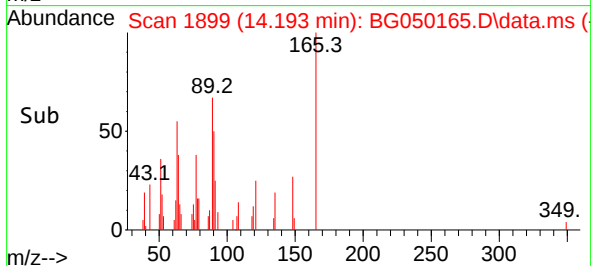
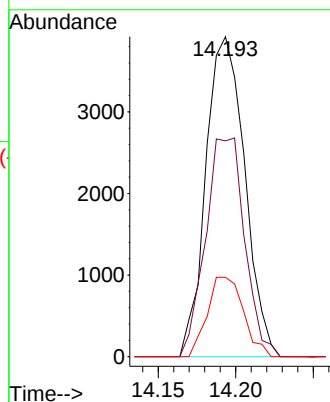
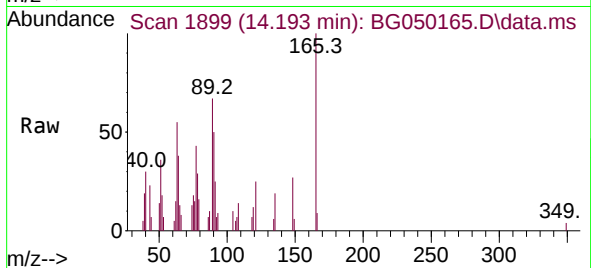




#48
2,6-Dinitrotoluene
Concen: 4.557 ng/ul
RT: 14.193 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

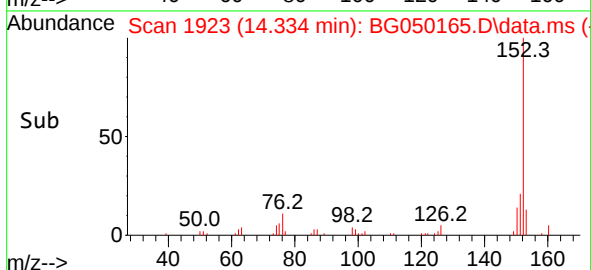
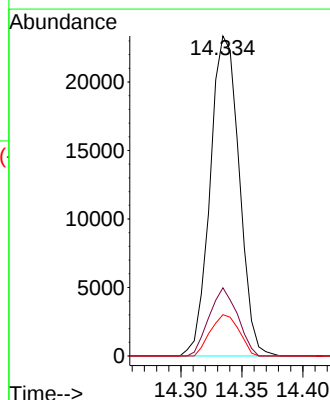
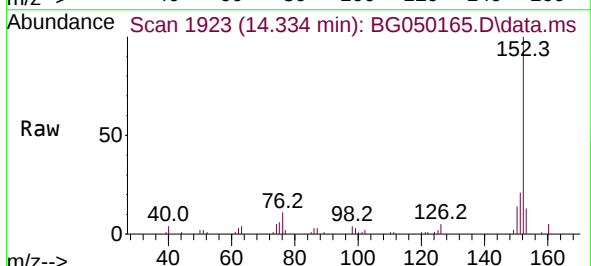
Instrument :
BNA_G
ClientSampleId :
SSTD005429

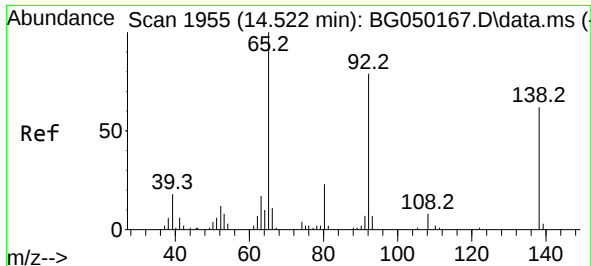
Tgt Ion:	165	Resp:	6827
Ion	Ratio	Lower	Upper
165	100		
89	67.5	62.5	93.7
121	24.8	22.2	33.2



#50
Acenaphthylene
Concen: 4.922 ng/ul
RT: 14.334 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:	152	Resp:	38673
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.2	22.8
153	12.9	10.7	16.1

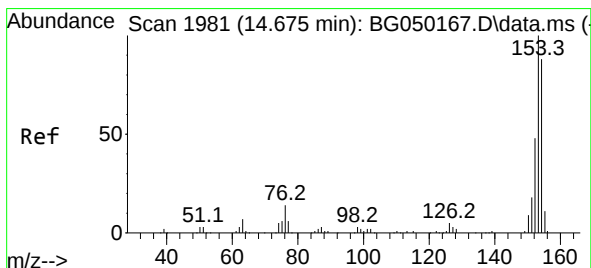
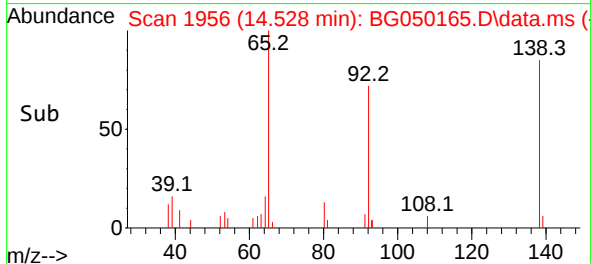
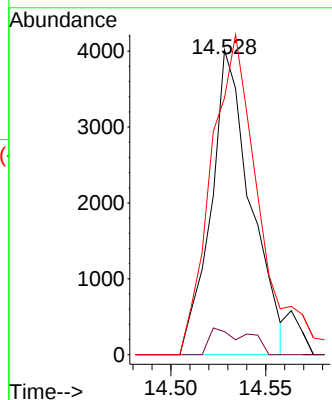
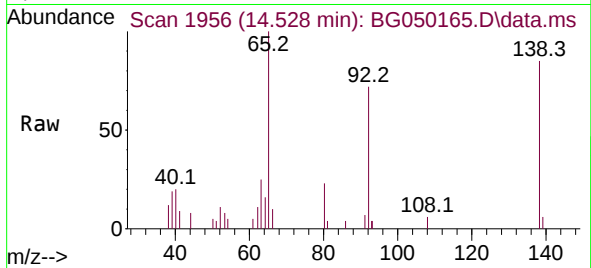




#51
3-Nitroaniline
Concen: 4.040 ng/ul
RT: 14.528 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

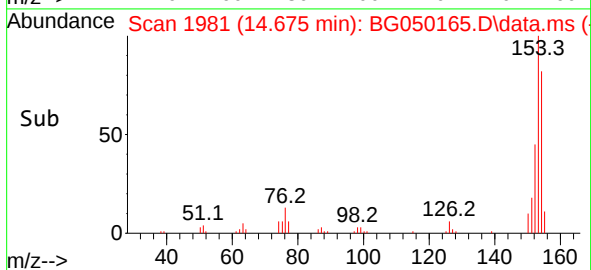
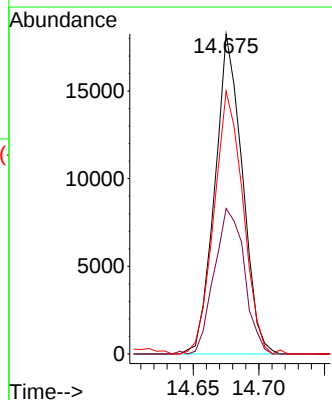
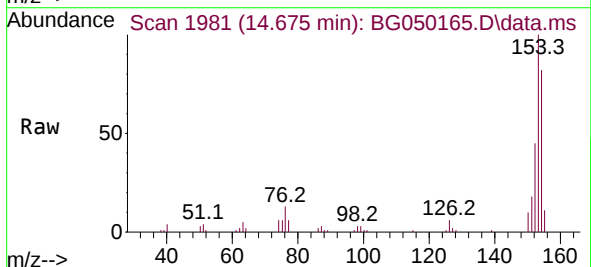
Instrument :
BNA_G
ClientSampleId :
SSTD005429

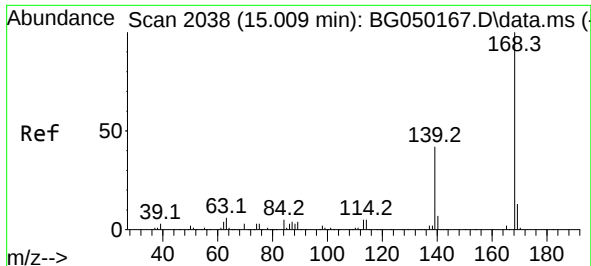
Tgt Ion:138 Resp: 5841
Ion Ratio Lower Upper
138 100
108 7.6 9.0 13.4#
92 84.3 96.4 144.6#



#52
Acenaphthene
Concen: 4.650 ng/ul
RT: 14.675 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:153 Resp: 26506
Ion Ratio Lower Upper
153 100
152 45.5 37.4 56.2
154 82.1 71.5 107.3

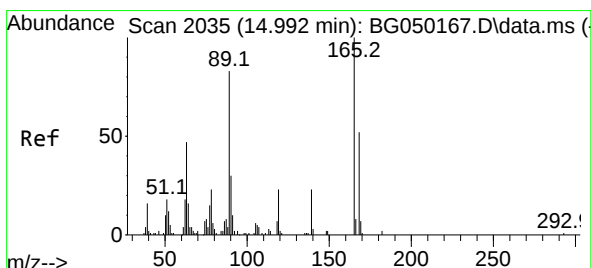
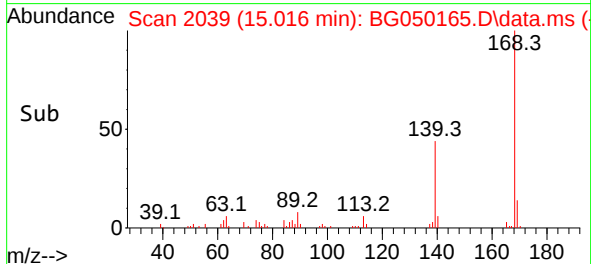
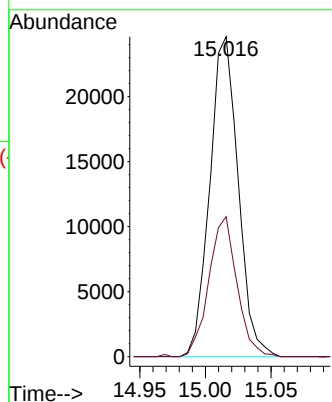
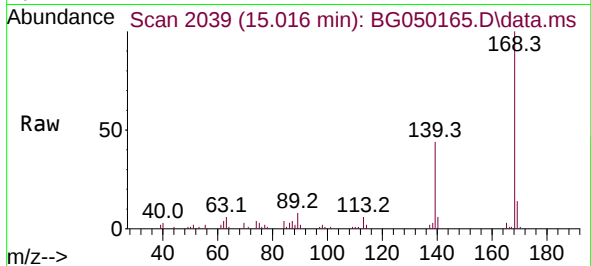




#56
Dibenzofuran
Concen: 4.693 ng/ul
RT: 15.016 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

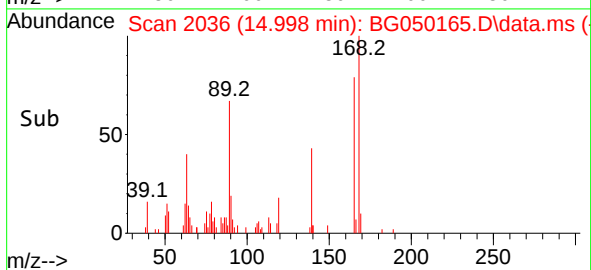
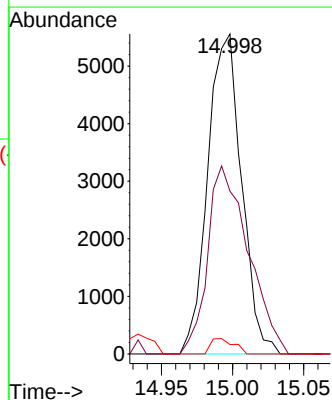
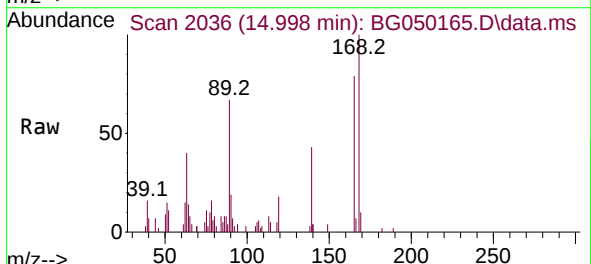
Instrument :
BNA_G
ClientSampleId :
SSTD005429

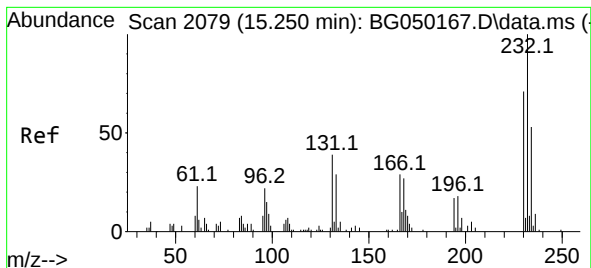
Tgt Ion:168 Resp: 37048
Ion Ratio Lower Upper
168 100
139 43.7 33.8 50.8



#57
2,4-Dinitrotoluene
Concen: 4.265 ng/ul
RT: 14.998 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:165 Resp: 9191
Ion Ratio Lower Upper
165 100
63 50.8 42.3 63.5
182 3.0 2.6 4.0



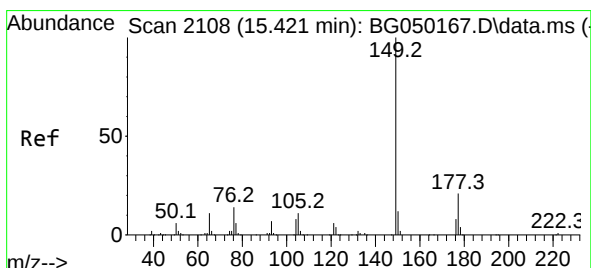
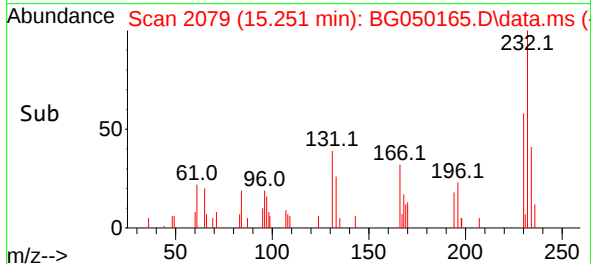
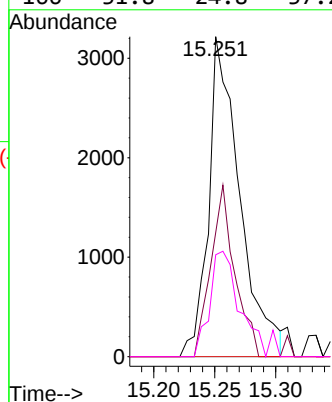
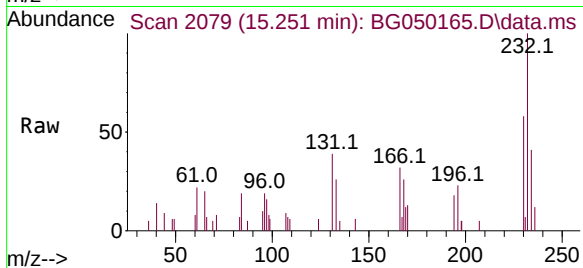


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.665 ng/ul
RT: 15.251 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Instrument :
BNA_G
ClientSampleId :
SSTD005429

Tgt Ion:232 Resp: 5709

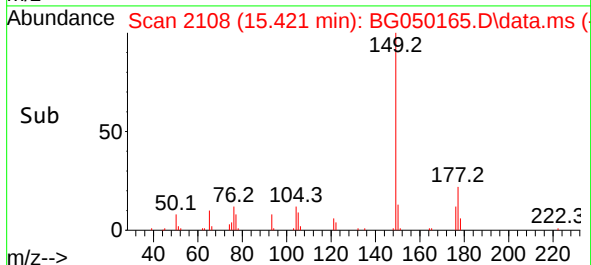
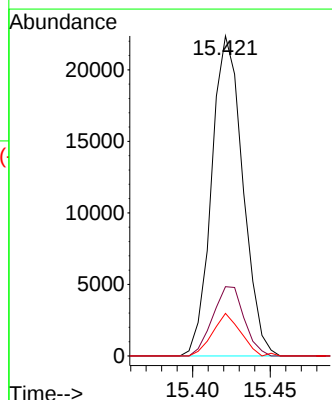
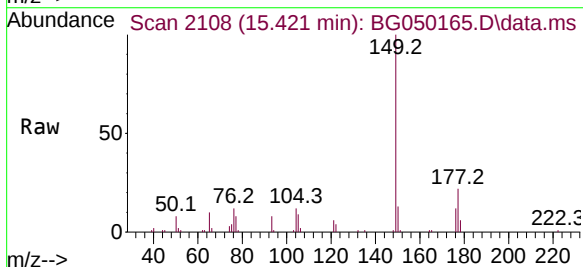
Ion	Ratio	Lower	Upper
232	100		
131	38.8	40.0	60.0#
130	0.0	1.8	2.8#
166	31.8	24.8	37.2

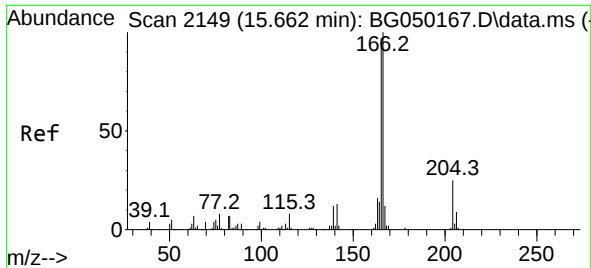


#59
Diethylphthalate
Concen: 4.214 ng/ul
RT: 15.421 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:149 Resp: 31281

Ion	Ratio	Lower	Upper
149	100		
177	21.6	15.8	23.6
150	13.3	9.7	14.5

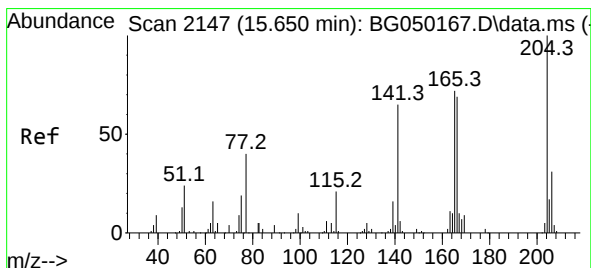
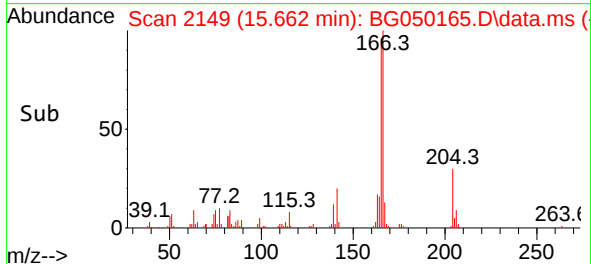
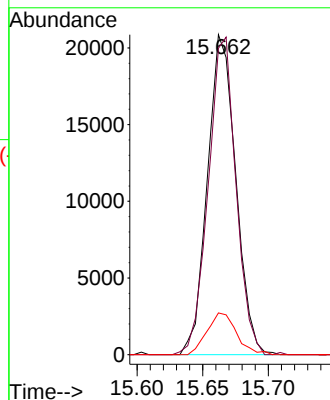
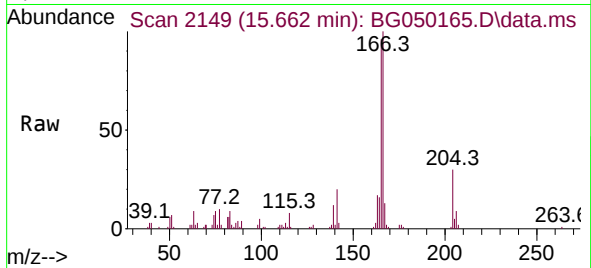




#61
Fluorene
Concen: 4.716 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

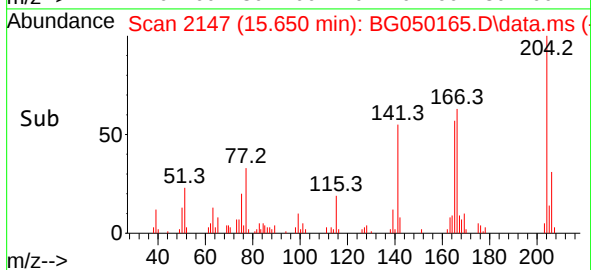
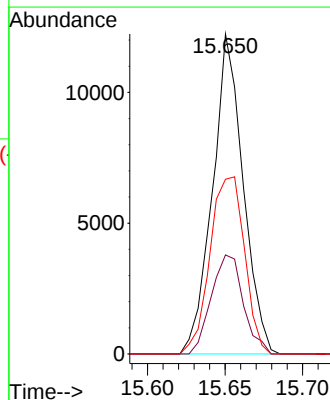
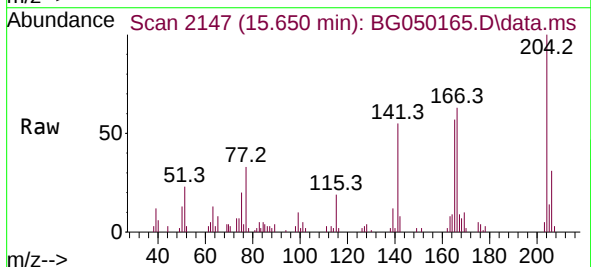
Instrument :
BNA_G
ClientSampleId :
SSTD005429

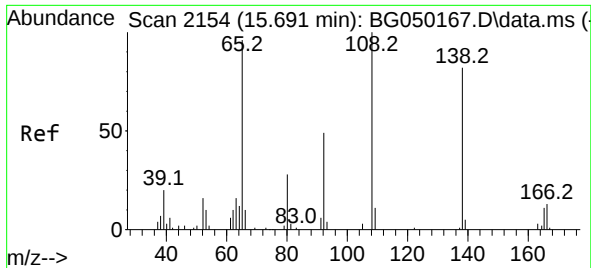
Tgt Ion:166	Resp:	31407
Ion Ratio	Lower	Upper
166	100	
165	95.7	83.3 124.9
167	13.1	11.8 17.6



#62
4-Chlorophenyl-phenylether
Concen: 4.764 ng/ul
RT: 15.650 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:204	Resp:	16787
Ion Ratio	Lower	Upper
204	100	
206	30.9	25.4 38.2
141	54.6	51.8 77.6

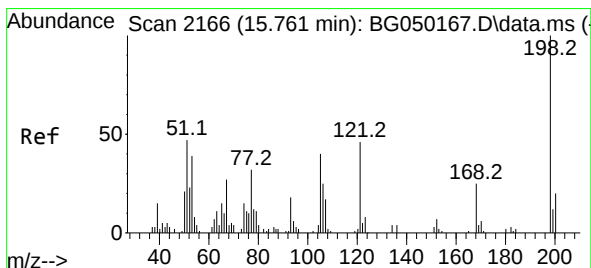
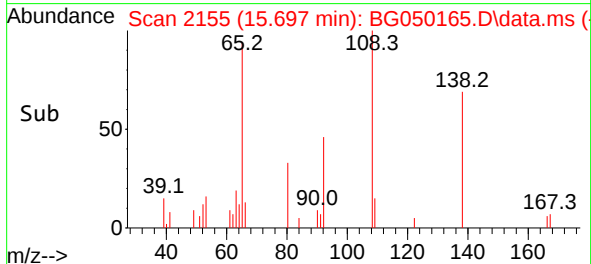
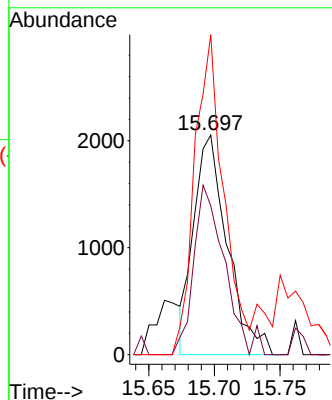
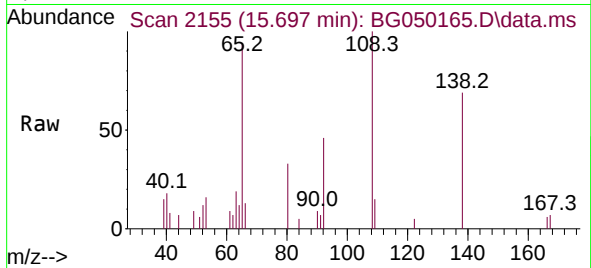




#63
4-Nitroaniline
Concen: 2.536 ng/ul
RT: 15.697 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

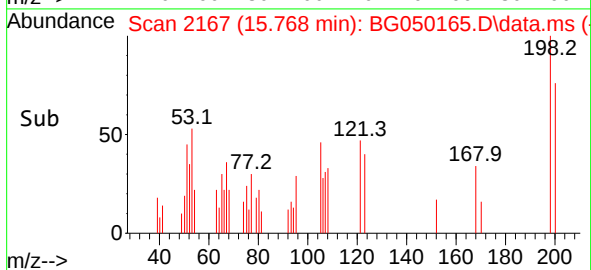
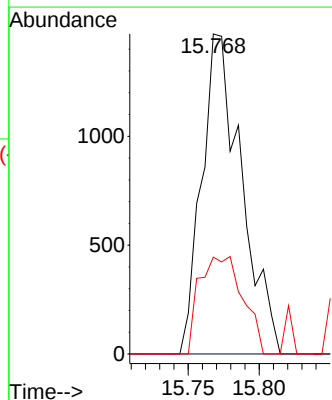
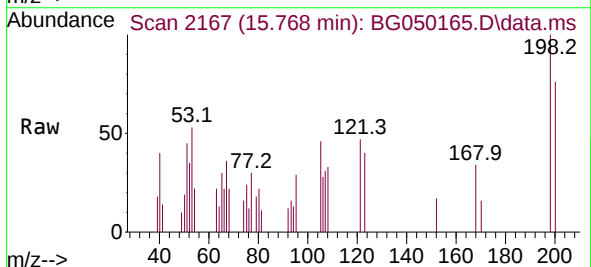
Instrument :
BNA_G
ClientSampleId :
SSTD005429

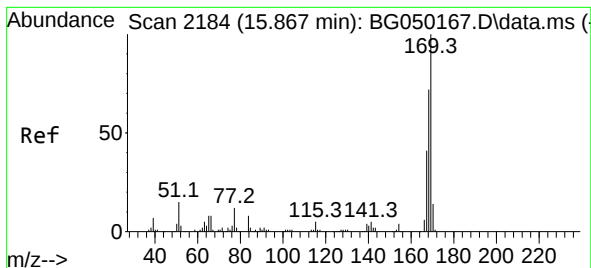
Tgt Ion:138 Resp: 3659
Ion Ratio Lower Upper
138 100
92 67.7 50.0 75.0
108 145.7 101.8 152.8



#66
4,6-Dinitro-2-methylphenol
Concen: 2.374 ng/ul
RT: 15.768 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:198 Resp: 2860
Ion Ratio Lower Upper
198 100
182 0.0 3.0 4.6#
77 30.3 23.4 35.2





#67

N-Nitrosodiphenylamine

Concen: 4.769 ng/ul

RT: 15.868 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

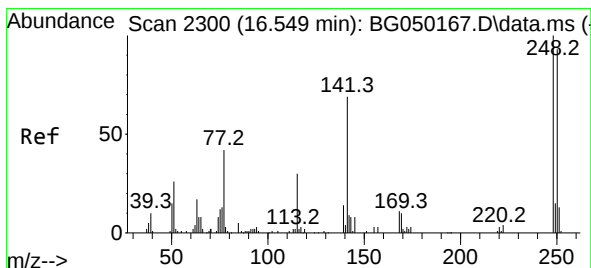
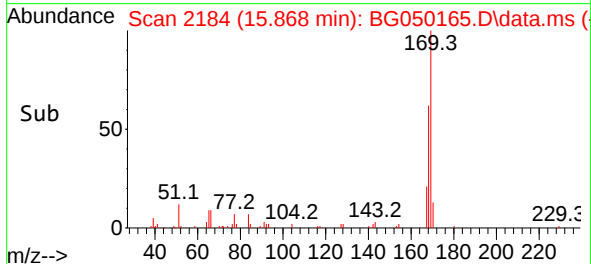
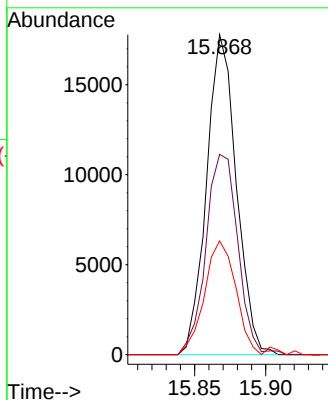
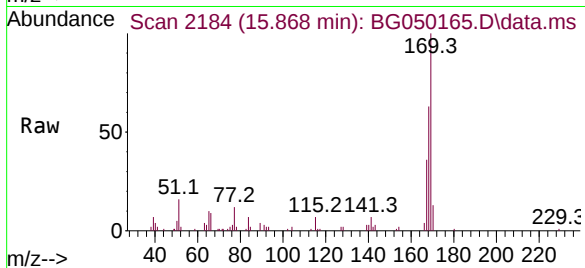
Instrument :

BNA_G

ClientSampleId :

SSTD005429

Tgt Ion:	169	Resp:	25945
Ion Ratio	Lower	Upper	
169	100		
168	62.6	55.0	82.6
167	35.5	29.0	43.4



#68

4-Bromophenyl-phenylether

Concen: 4.857 ng/ul

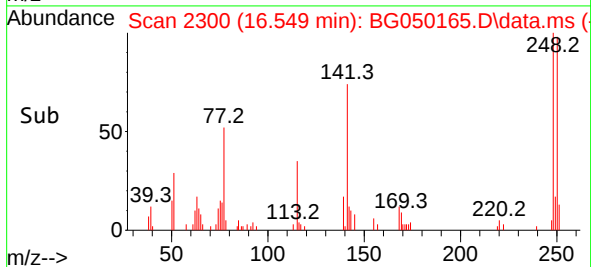
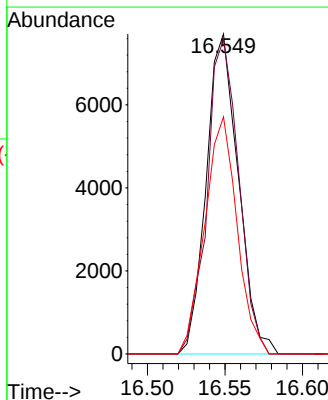
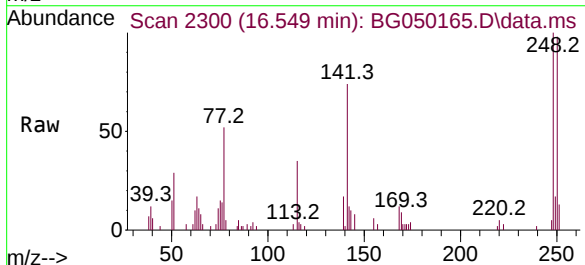
RT: 16.549 min Scan# 2300

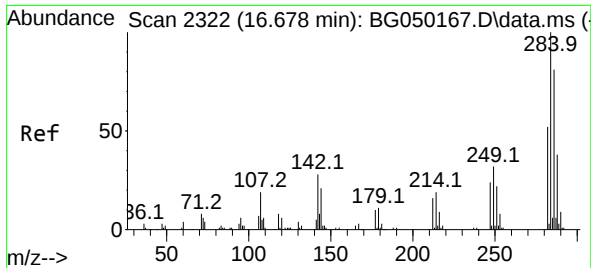
Delta R.T. 0.000 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

Tgt Ion:	248	Resp:	11102
Ion Ratio	Lower	Upper	
248	100		
250	98.3	80.2	120.2
141	74.1	60.6	90.8

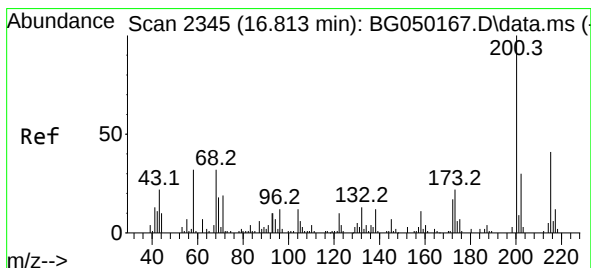
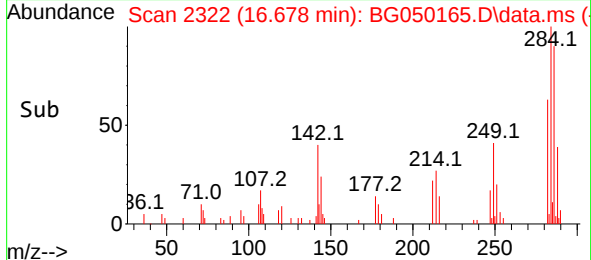
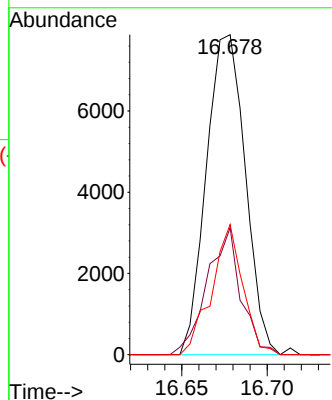
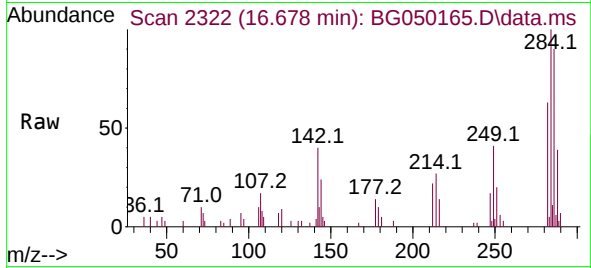




#69
Hexachlorobenzene
Concen: 4.732 ng/ul
RT: 16.678 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

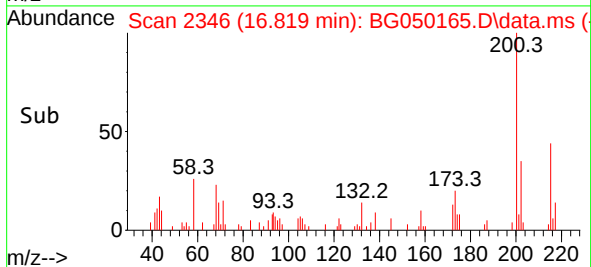
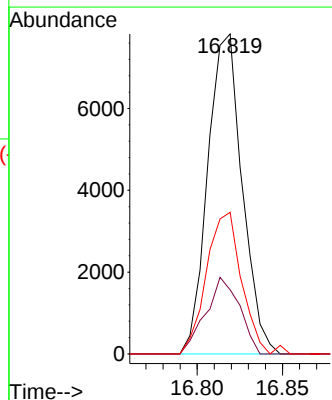
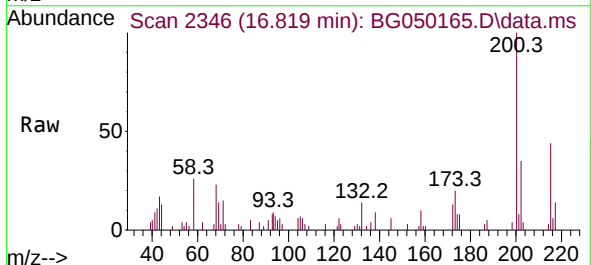
Instrument :
BNA_G
ClientSampleId :
SSTD005429

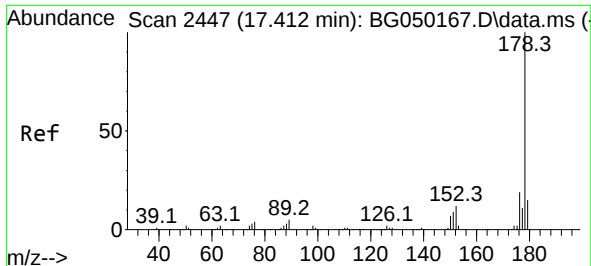
Tgt Ion:284 Resp: 12489
Ion Ratio Lower Upper
284 100
142 39.6 28.7 43.1
249 40.7 25.5 38.3#



#70
Atrazine
Concen: 4.545 ng/ul
RT: 16.819 min Scan# 2346
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:200 Resp: 10983
Ion Ratio Lower Upper
200 100
173 20.0 19.3 28.9
215 44.2 34.9 52.3

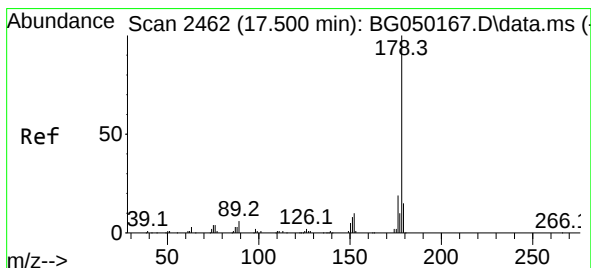
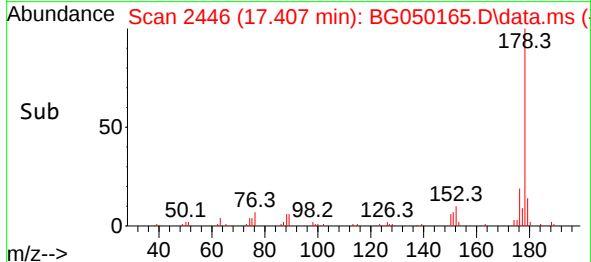
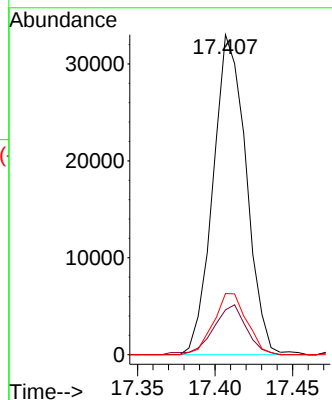
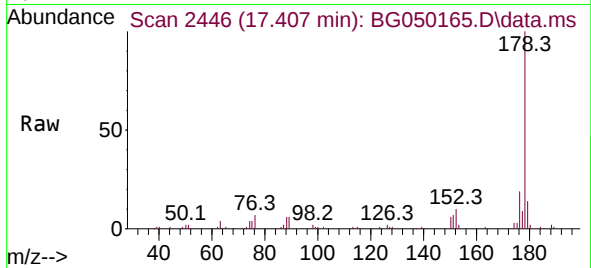




#72
Phenanthrene
Concen: 4.746 ng/ul
RT: 17.407 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

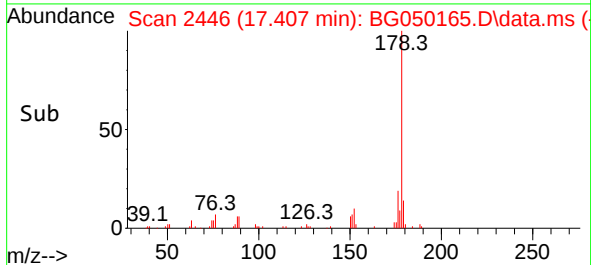
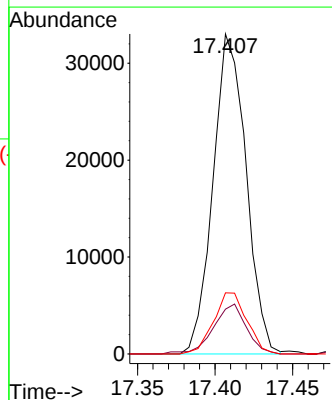
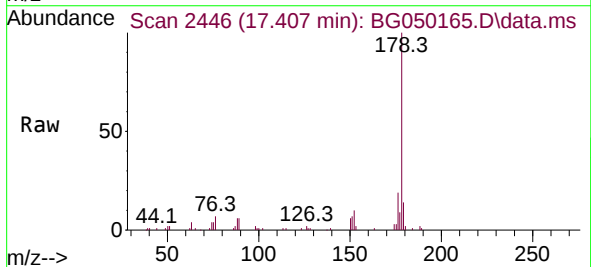
Instrument :
BNA_G
ClientSampleId :
SSTD005429

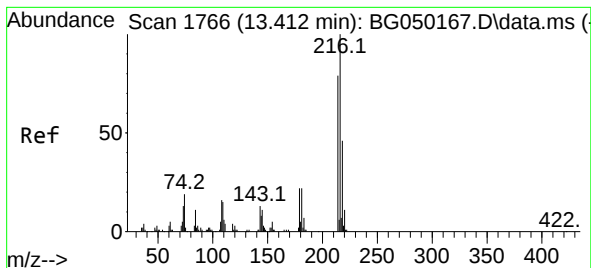
Tgt Ion:178 Resp: 48892
Ion Ratio Lower Upper
178 100
179 14.0 11.7 17.5
176 19.1 16.2 24.2



#74
Anthracene
Concen: 4.684 ng/ul
RT: 17.407 min Scan# 2446
Delta R.T. -0.094 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:178 Resp: 48892
Ion Ratio Lower Upper
178 100
179 14.0 11.4 17.0
176 19.1 12.8 19.2

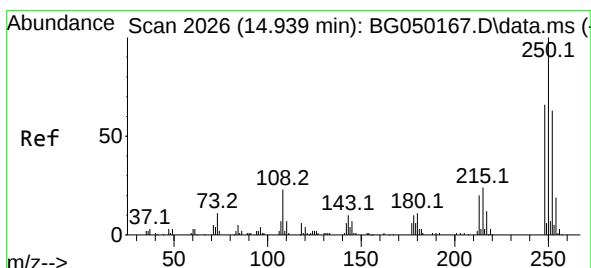
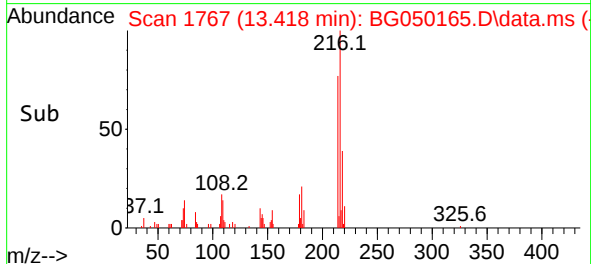
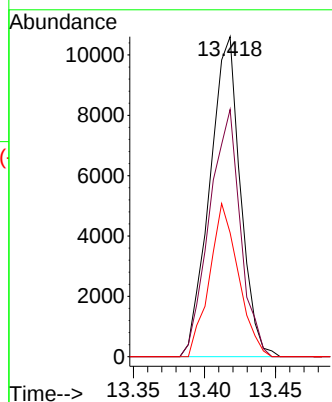
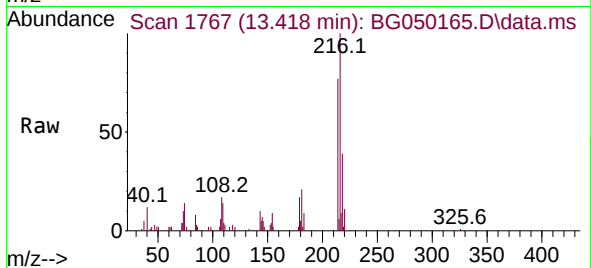




#75
1,2,3,4-Tetrachlorobenzene
Concen: 5.734 ng/uL
RT: 13.418 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

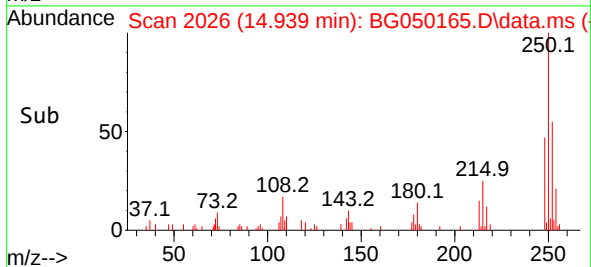
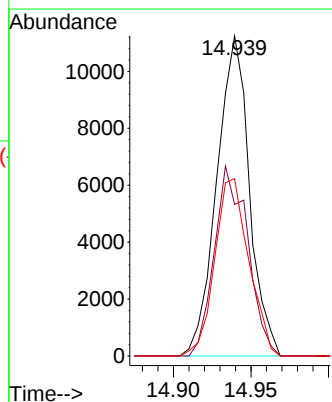
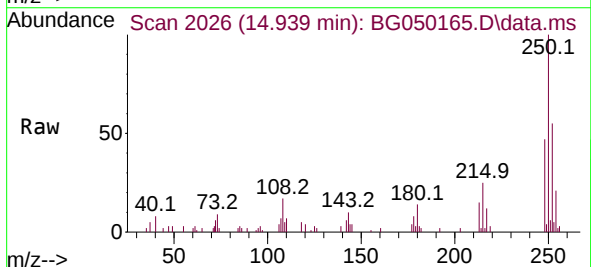
Instrument :
BNA_G
ClientSampleId :
SSTD005429

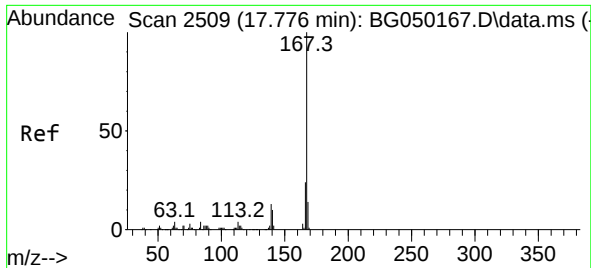
Tgt Ion:216 Resp: 15897
Ion Ratio Lower Upper
216 100
214 77.3 70.9 106.3
218 38.7 40.9 61.3#



#76
Pentachlorobenzene
Concen: 5.592 ng/uL
RT: 14.939 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:250 Resp: 16426
Ion Ratio Lower Upper
250 100
248 47.4 51.5 77.3#
252 55.4 47.9 71.9

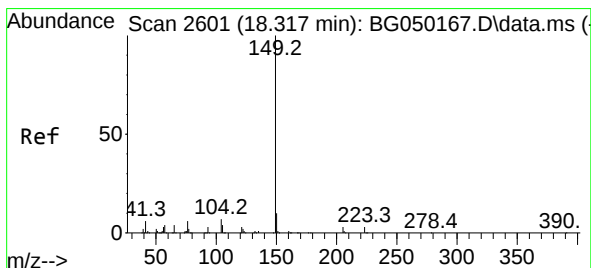
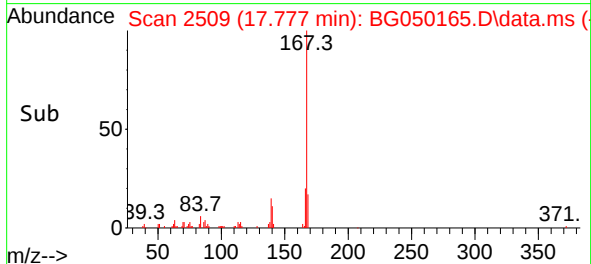
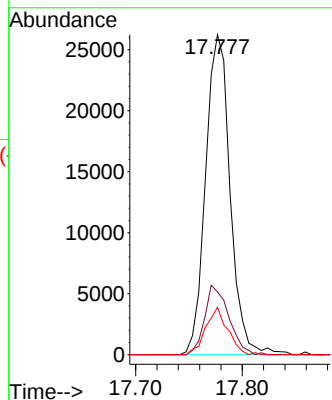
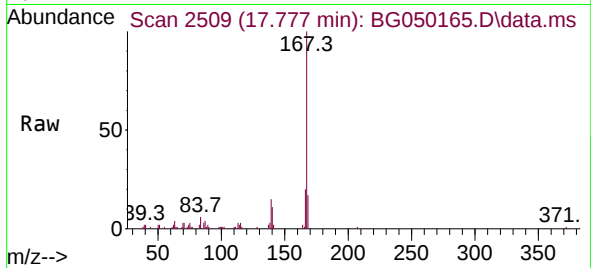




#77
 Carbazole
 Concen: 4.514 ng/ul
 RT: 17.777 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BG050165.D
 Acq: 7 Sep 2021 11:06

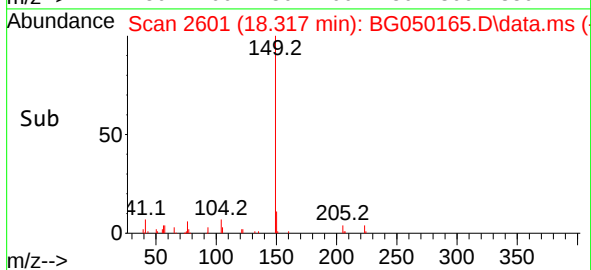
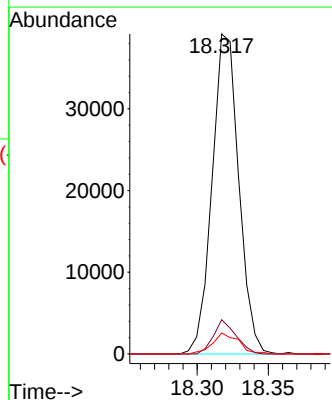
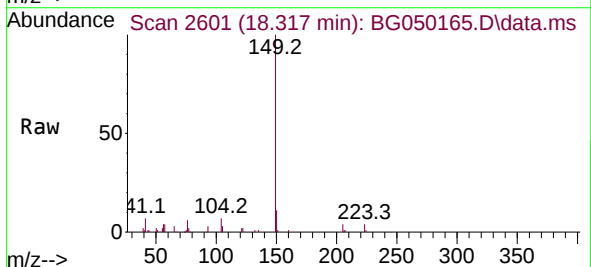
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005429

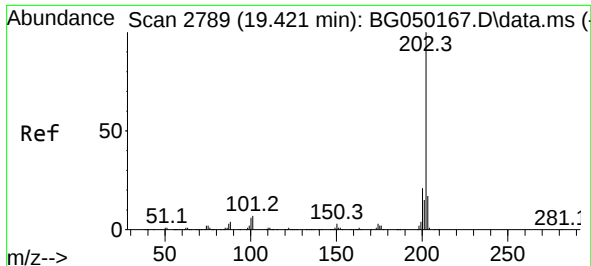
Tgt Ion:167	Resp:	41925
Ion Ratio	Lower	Upper
167	100	
166	19.6	17.8 26.8
139	14.8	11.1 16.7



#78
 Di-n-butylphthalate
 Concen: 4.306 ng/ul
 RT: 18.317 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: BG050165.D
 Acq: 7 Sep 2021 11:06

Tgt Ion:149	Resp:	51158
Ion Ratio	Lower	Upper
149	100	
150	10.7	8.1 12.1
104	6.5	5.3 7.9

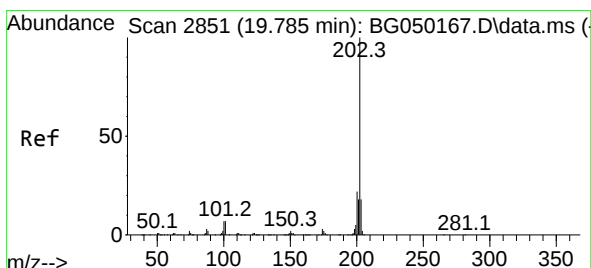
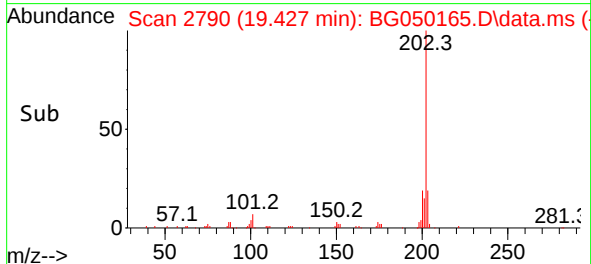
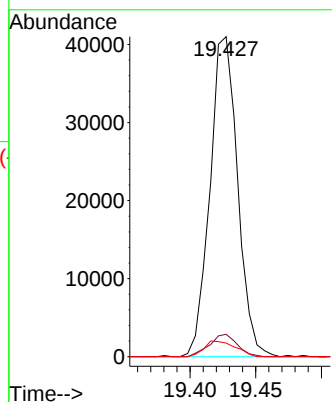
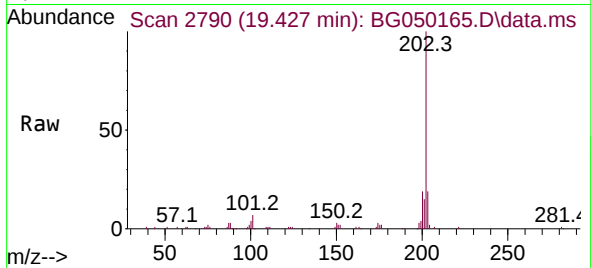




#80
Fluoranthene
Concen: 4.425 ng/ul
RT: 19.427 min Scan# 2790
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

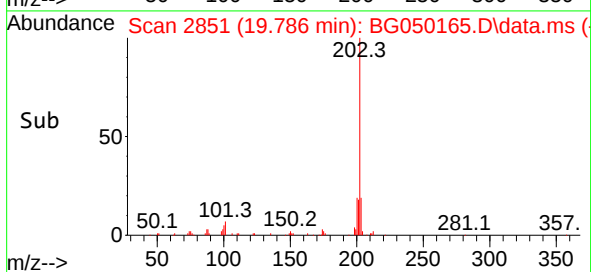
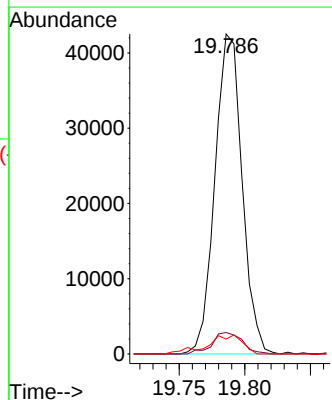
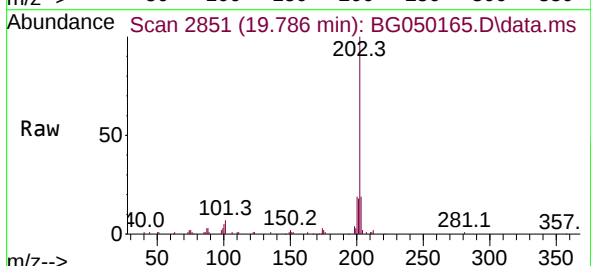
Instrument :
BNA_G
ClientSampleId :
SSTD005429

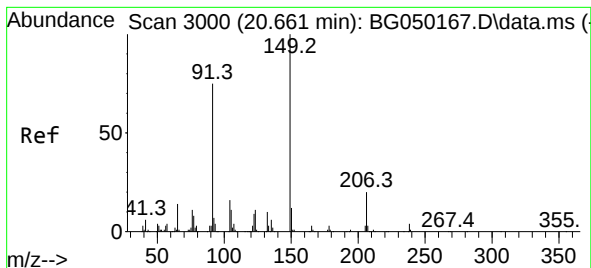
Tgt Ion:202 Resp: 60082
Ion Ratio Lower Upper
202 100
101 7.0 4.3 6.5#
100 4.3 3.5 5.3



#82
Pyrene
Concen: 4.545 ng/ul
RT: 19.786 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:202 Resp: 61152
Ion Ratio Lower Upper
202 100
101 6.7 5.4 8.0
100 4.7 5.0 7.6#

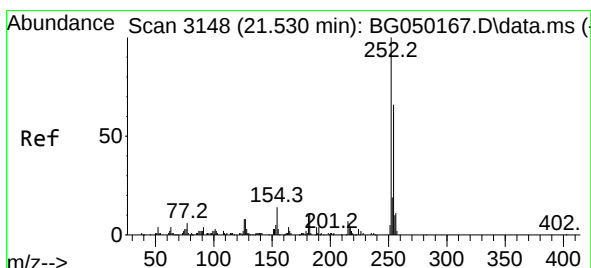
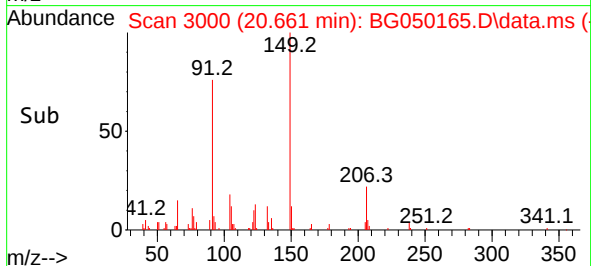
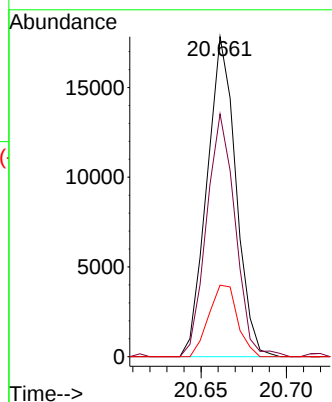
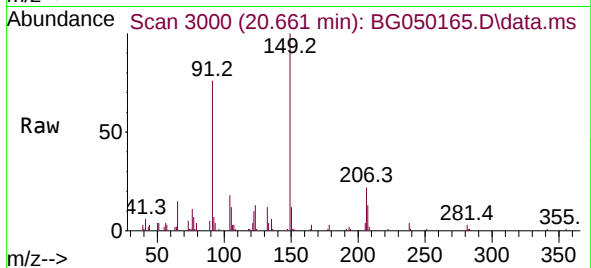




#83
Butylbenzylphthalate
Concen: 3.963 ng/ul
RT: 20.661 min Scan# 3000
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

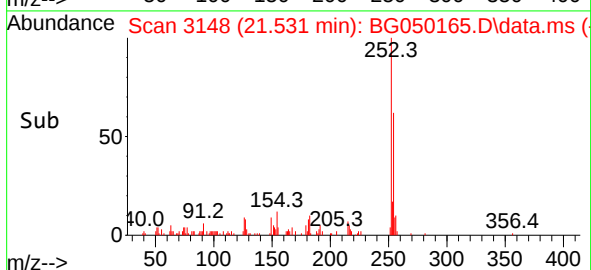
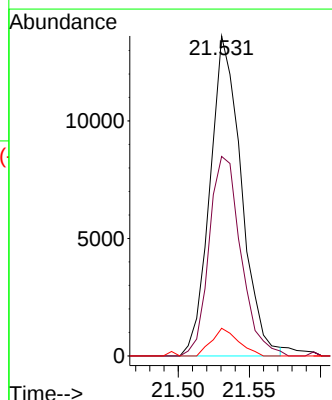
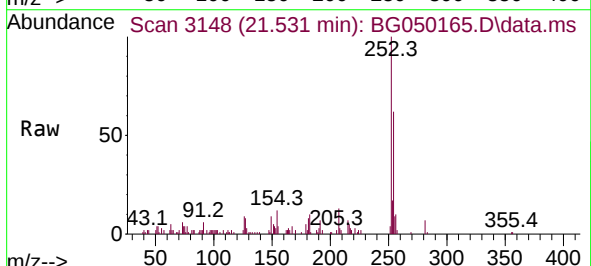
Instrument :
BNA_G
ClientSampleId :
SSTD005429

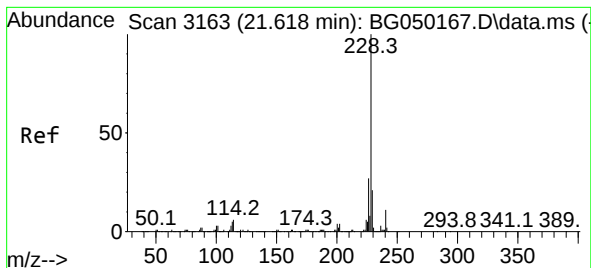
Tgt Ion:149 Resp: 21046
Ion Ratio Lower Upper
149 100
91 75.9 60.6 90.8
206 22.4 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 4.323 ng/ul
RT: 21.531 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:252 Resp: 20867
Ion Ratio Lower Upper
252 100
254 62.3 54.2 81.2
126 8.6 5.4 8.0#

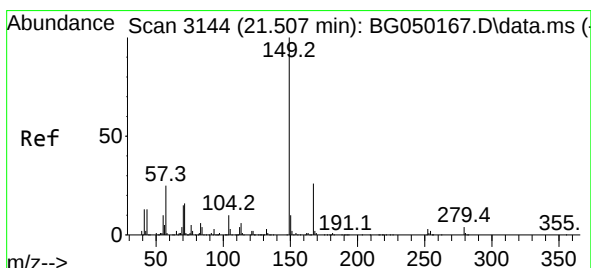
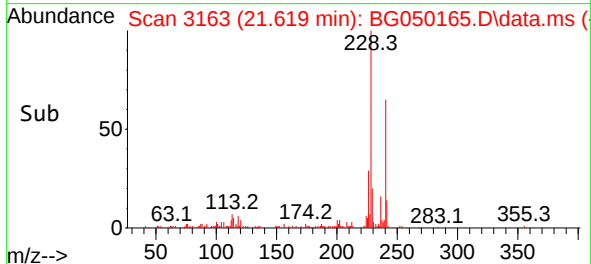
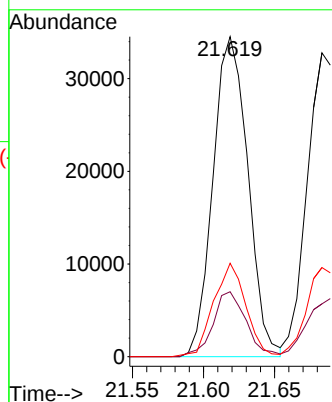
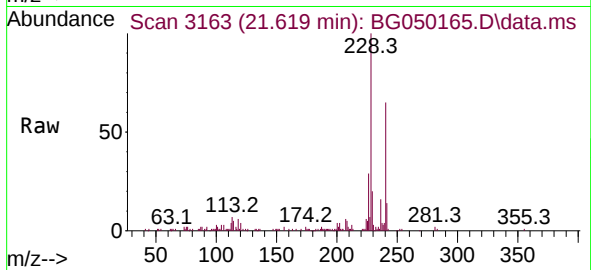




#85
Benzo(a)anthracene
Concen: 4.645 ng/ul
RT: 21.619 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

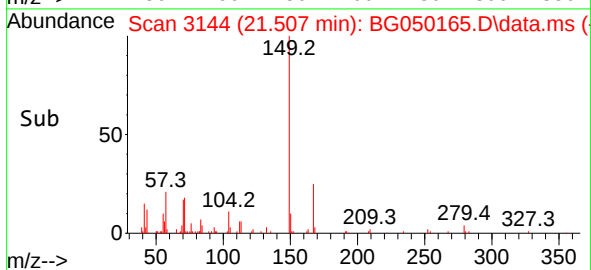
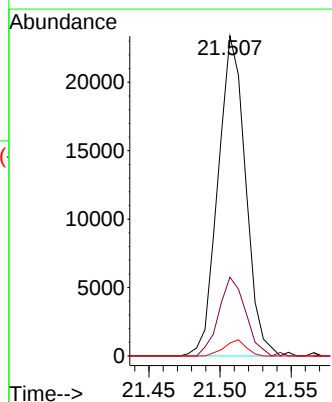
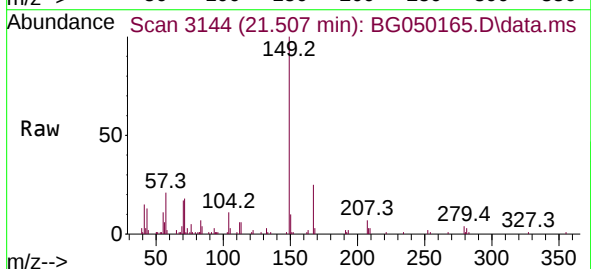
Instrument :
BNA_G
ClientSampleId :
SSTD005429

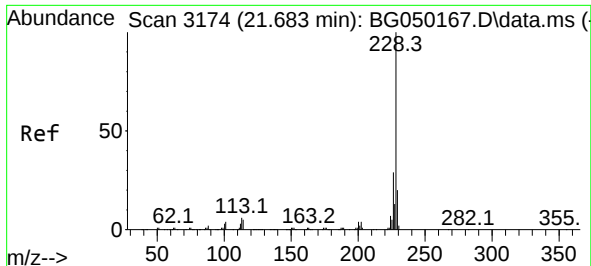
Tgt Ion:228 Resp: 58937
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.4
226 29.2 21.0 31.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.313 ng/ul
RT: 21.507 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:149 Resp: 31449
Ion Ratio Lower Upper
149 100
167 24.6 20.4 30.6
279 4.0 3.7 5.5

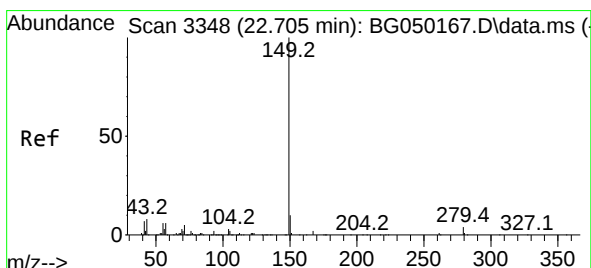
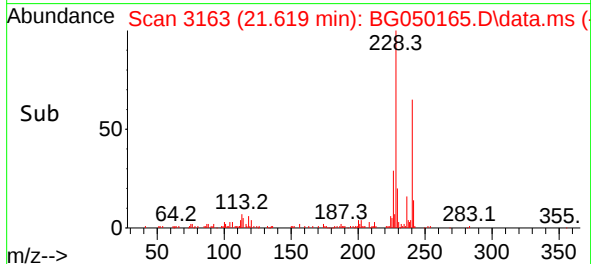
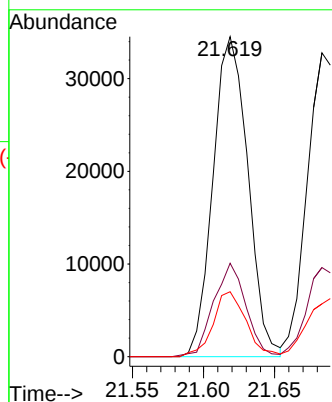
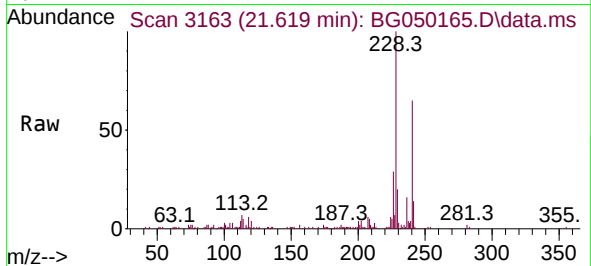




#87
Chrysene
Concen: 4.914 ng/ul
RT: 21.619 min Scan# 3163
Delta R.T. -0.064 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

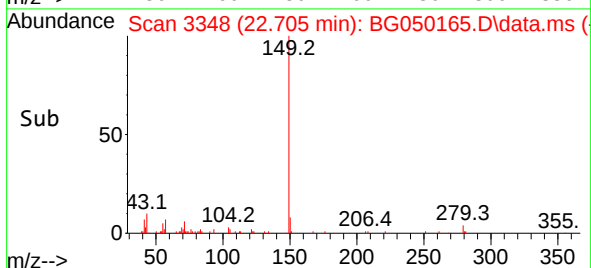
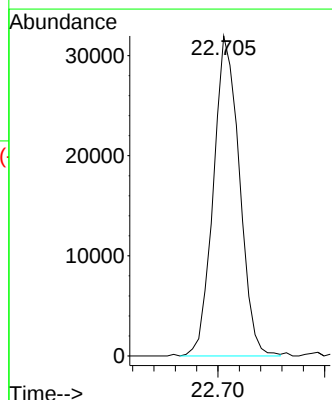
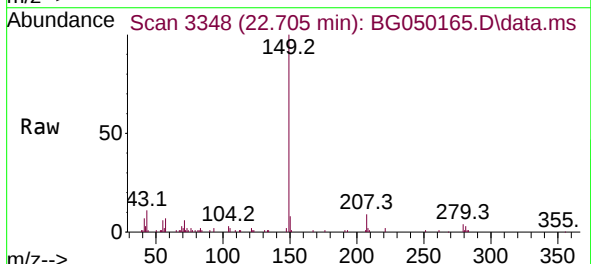
Instrument :
BNA_G
ClientSampleId :
SSTD005429

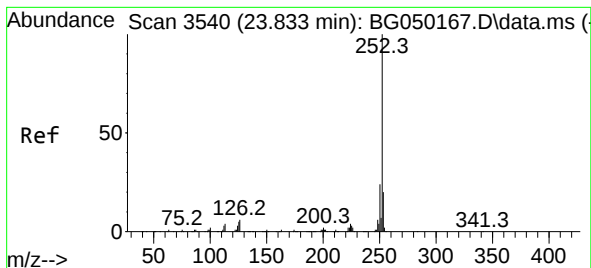
Tgt Ion:228 Resp: 58937
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.4
229 20.3 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 4.582 ng/ul
RT: 22.705 min Scan# 3348
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:149 Resp: 54066





#90

Benzo(b)fluoranthene

Concen: 4.473 ng/ul

RT: 23.892 min Scan# 3550

Delta R.T. 0.059 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

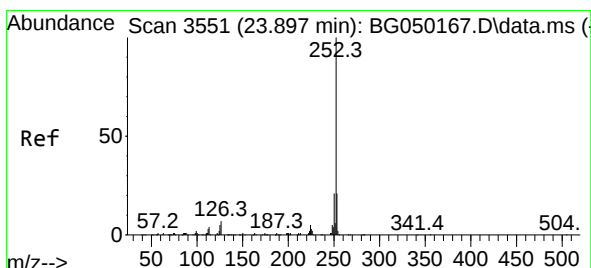
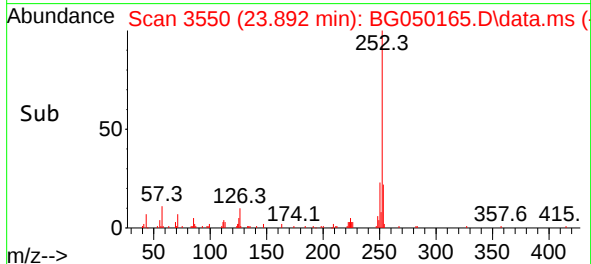
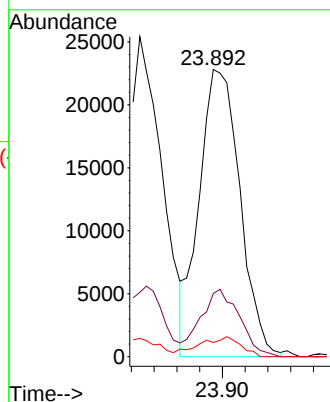
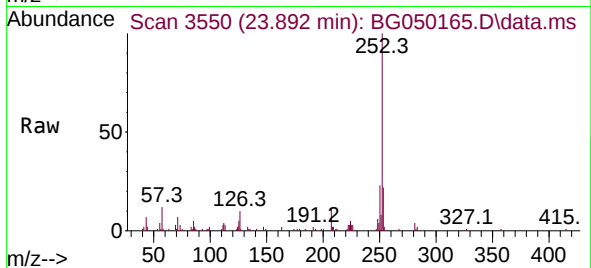
Instrument :

BNA_G

ClientSampleId :

SSTD005429

Tgt Ion:252	Resp:	56910
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.1 27.1
125	5.0	3.4 5.0



#91

Benzo(k)fluoranthene

Concen: 4.706 ng/ul

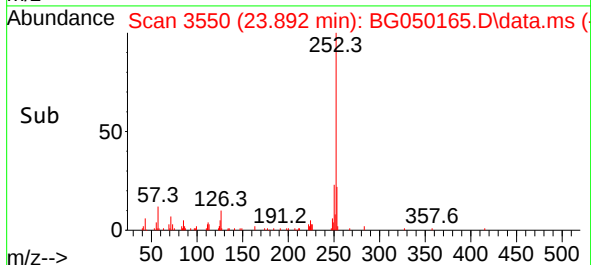
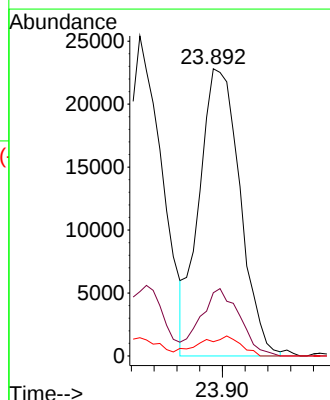
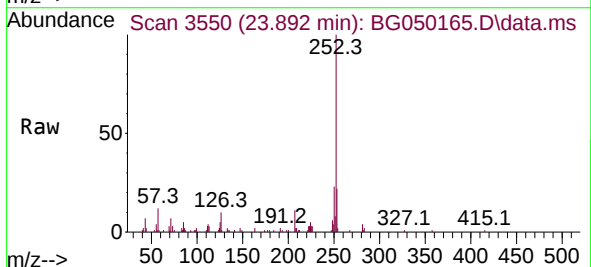
RT: 23.892 min Scan# 3550

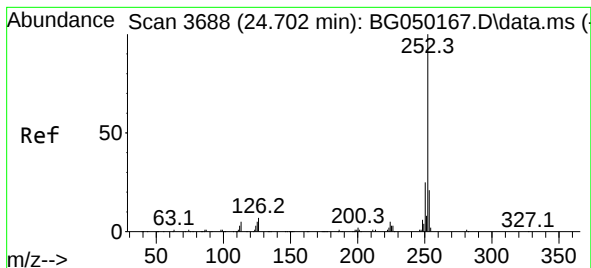
Delta R.T. -0.005 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

Tgt Ion:252	Resp:	56910
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.7 26.5
125	5.0	4.1 6.1





#93

Benzo(a)pyrene

Concen: 4.671 ng/ul

RT: 24.714 min Scan# 3690

Delta R.T. 0.012 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

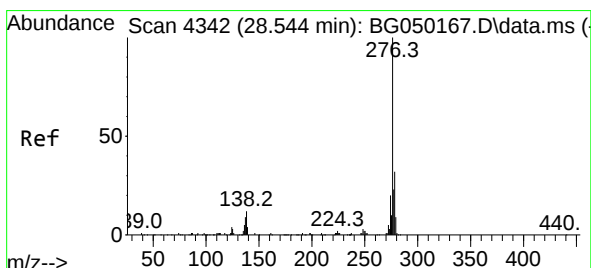
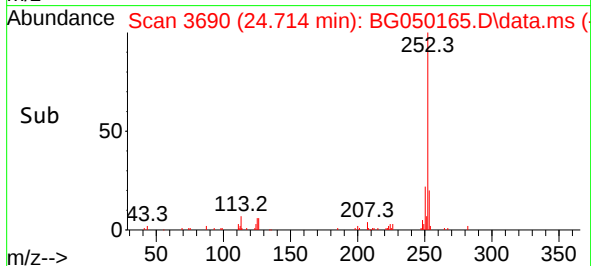
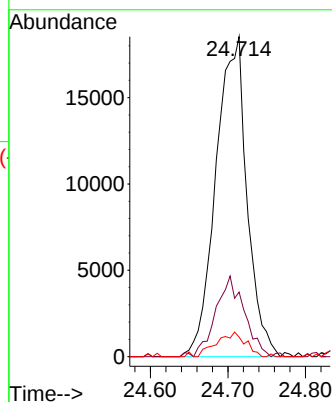
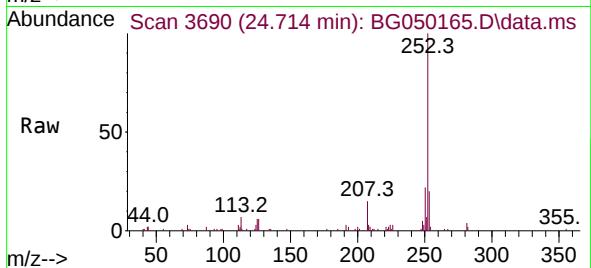
Tgt Ion:252 Resp: 51612

Ion Ratio Lower Upper

252 100

253 20.2 17.0 25.4

125 6.2 4.4 6.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.118 ng/ul

RT: 28.550 min Scan# 4343

Delta R.T. 0.006 min

Lab File: BG050165.D

Acq: 7 Sep 2021 11:06

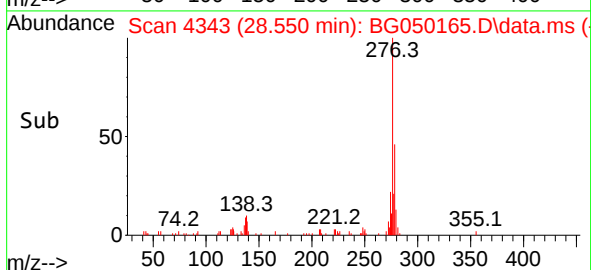
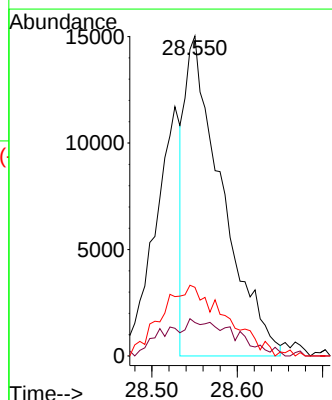
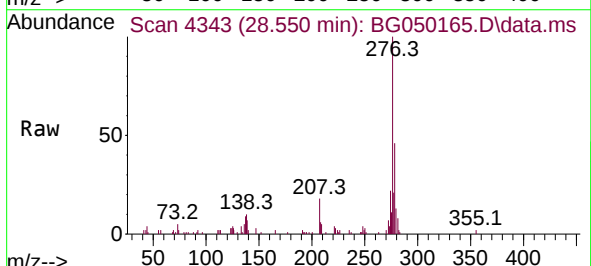
Tgt Ion:276 Resp: 45446

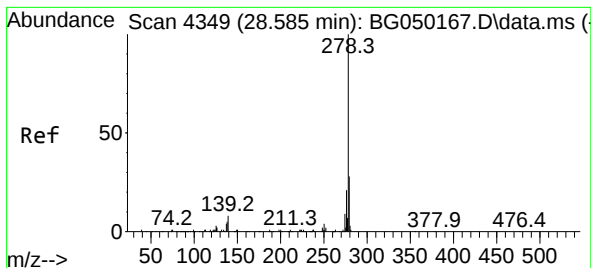
Ion Ratio Lower Upper

276 100

138 10.5 5.5 8.3#

277 21.5 18.6 27.8

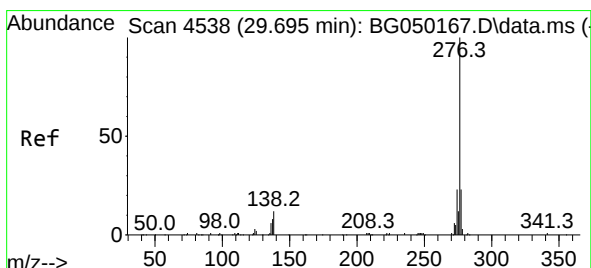
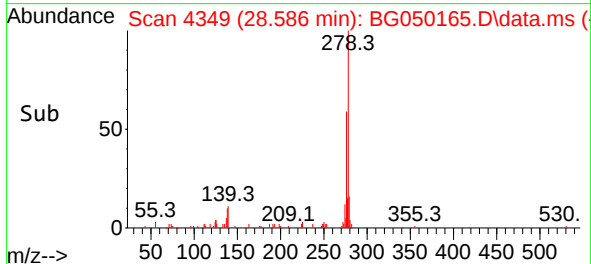
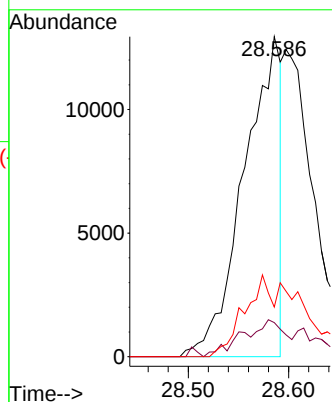
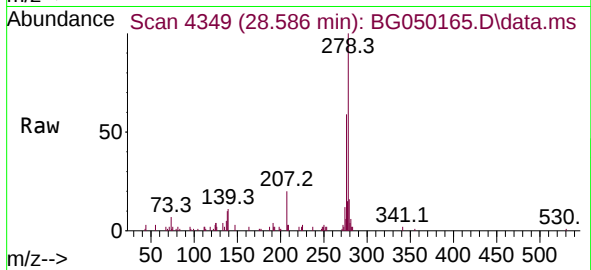




#95
Dibenzo(a,h)anthracene
Concen: 2.716 ng/ul
RT: 28.586 min Scan# 4349
Delta R.T. 0.000 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Instrument :
BNA_G
ClientSampleId :
SSTD005429

Tgt Ion:278 Resp: 33142
Ion Ratio Lower Upper
278 100
139 10.6 5.2 7.8#
279 15.5 19.0 28.4#



#96
Benzo(g,h,i)perylene
Concen: 4.393 ng/ul
RT: 29.702 min Scan# 4539
Delta R.T. 0.006 min
Lab File: BG050165.D
Acq: 7 Sep 2021 11:06

Tgt Ion:276 Resp: 53830
Ion Ratio Lower Upper
276 100
138 15.6 8.6 13.0#
277 20.3 17.4 26.0

