

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051889.D
 Acq On : 6 Jan 2022 12:11
 Operator : CG/JU
 Sample : SSTD04045
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040445

Quant Time: Jan 06 13:34:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 13:28:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	25553	20.000	ng/ul	0.00
20) Naphthalene-d8	11.090	136	110689	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.890	164	81138	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	208863	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.957	240	212952	20.000	ng/ul	# 0.00
88) Perylene-d12	25.441	264	221607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	10785	17.528	ng/uL	0.00
4) Pyridine-d5	4.005	84	87275	46.946	ng/ul	0.00
7) Phenol-d5	7.395	99	97009	42.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.559	67	61278	45.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.782	132	65773	41.450	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	77023	43.674	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	34485	42.494	ng/ul	0.00
24) 2-Nitrophenol-d4	10.156	143	39433	44.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	76335	39.679	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	101065	39.900	ng/ul	0.00
46) Dimethylphthalate-d6	14.285	166	263394	40.558	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	314907	39.043	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	45432	43.019	ng/ul	0.00
60) Fluorene-d10	15.877	176	227687	39.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	51869	47.665	ng/ul	0.00
73) Anthracene-d10	17.739	188	382994	38.440	ng/ul	0.00
81) Pyrene-d10	20.013	212	494320	38.569	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.200	264	456289	39.132	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	13191	20.542	ng/uL#	81
5) Pyridine	4.023	79	91147	48.872	ng/ul	92
6) Benzaldehyde	7.377	77	70068	49.223	ng/ul	95
8) Phenol	7.418	94	100714	44.394	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.653	93	69801	40.330	ng/ul	96
12) 2-Chlorophenol	7.812	128	66365	40.772	ng/ul	96
13) 2-Methylphenol	8.693	108	73087	42.698	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.781	45	109056	46.453	ng/ul	97
16) Acetophenone	9.081	105	119357	43.085	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.063	70	75424	45.375	ng/ul	94
18) 4-Methylphenol	9.022	108	77906	43.183	ng/ul	84
19) Hexachloroethane	9.357	117	27746	39.066	ng/ul	86
22) Nitrobenzene	9.468	77	105752	44.802	ng/ul#	98
23) Isophorone	9.997	82	202778	42.791	ng/ul	98
25) 2-Nitrophenol	10.185	139	42809	45.144	ng/ul	90
26) 2,4-Dimethylphenol	10.238	107	92152	40.333	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.473	93	103071	40.961	ng/ul	99
29) 2,4-Dichlorophenol	10.731	162	72714	39.725	ng/ul	99
30) Naphthalene	11.142	128	232761	39.032	ng/ul	97
32) 4-Chloroaniline	11.242	127	105239	40.688	ng/ul	97
33) Hexachlorobutadiene	11.430	225	55867	35.950	ng/ul	98
34) Caprolactam	11.988	113	15054	27.164	ng/ul	90
35) 4-Chloro-3-methylphenol	12.347	107	86285	42.070	ng/ul	96
36) 2-Methylnaphthalene	12.734	142	168619	39.634	ng/ul	99

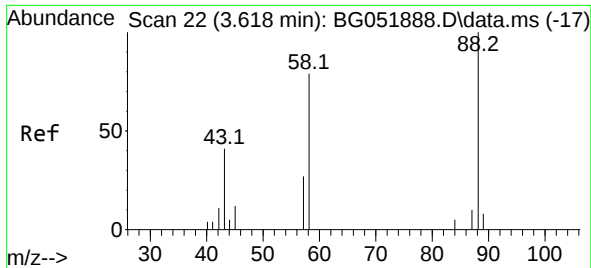
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.952	142	171428	38.807	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.099	216	109621	38.842	ng/ul	99
40) Hexachlorocyclopentadiene	13.081	237	74341	36.278	ng/ul	99
41) 2,4,6-Trichlorophenol	13.328	196	71173	41.659	ng/ul	99
42) 2,4,5-Trichlorophenol	13.404	196	75341	42.077	ng/ul	97
43) 1,1'-Biphenyl	13.727	154	241142	38.799	ng/ul#	95
44) 2-Chloronaphthalene	13.774	162	185953	38.699	ng/ul	99
45) 2-Nitroaniline	13.962	65	74249	50.582	ng/ul	95
47) Dimethylphthalate	14.332	163	256798	40.730	ng/ul	98
48) 2,6-Dinitrotoluene	14.450	165	55095	45.711	ng/ul	96
50) Acenaphthylene	14.614	152	306656	38.860	ng/ul	97
51) 3-Nitroaniline	14.785	138	53667	46.565	ng/ul	95
52) Acenaphthene	14.955	153	201951	38.738	ng/ul	95
53) 2,4-Dinitrophenol	14.984	184	33546	48.147	ng/ul	96
55) 4-Nitrophenol	15.084	109	51129	45.124	ng/ul	93
56) Dibenzofuran	15.290	168	295548	38.495	ng/ul	99
57) 2,4-Dinitrotoluene	15.237	165	82627	48.368	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.507	232	71263	41.878	ng/ul#	92
59) Diethylphthalate	15.689	149	267471	40.724	ng/ul	96
61) Fluorene	15.936	166	247717	39.158	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.918	204	137408	38.997	ng/ul	94
63) 4-Nitroaniline	15.942	138	54780	46.345	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.001	198	49705	46.510	ng/ul#	98
67) N-Nitrosodiphenylamine	16.130	169	216831	38.597	ng/ul	96
68) 4-Bromophenyl-phenylether	16.817	248	96195	45.224	ng/ul#	90
69) Hexachlorobenzene	16.946	284	104409	39.062	ng/ul#	92
70) Atrazine	17.076	200	104370	41.403	ng/ul	97
71) Pentachlorophenol	17.287	266	59768	36.495	ng/ul	96
72) Phenanthrene	17.681	178	423008	39.376	ng/ul	98
74) Anthracene	17.775	178	418819	38.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	121331	37.760	ng/uL	98
76) Pentachlorobenzene	15.213	250	118586	38.606	ng/uL	98
77) Carbazole	18.033	167	389968	40.127	ng/ul	99
78) Di-n-butylphthalate	18.579	149	461654	39.473	ng/ul	99
80) Fluoranthene	19.684	202	563932	38.333	ng/ul#	91
82) Pyrene	20.042	202	546987	37.571	ng/ul#	91
83) Butylbenzylphthalate	20.917	149	201117	41.192	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.840	252	205355	40.917	ng/ul#	98
85) Benzo(a)anthracene	21.934	228	544523	39.302	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.822	149	284755	41.637	ng/ul#	98
87) Chrysene	22.010	228	522747	39.055	ng/ul	98
89) Di-n-octyl phthalate	23.120	149	479345	40.159	ng/ul	100
90) Benzo(b)fluoranthene	24.325	252	587697	39.592	ng/ul#	95
91) Benzo(k)fluoranthene	24.401	252	524643	37.743	ng/ul#	96
93) Benzo(a)pyrene	25.282	252	541718	38.670	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.453	276	620424	40.566	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.523	278	526508	40.307	ng/ul#	93
96) Benzo(g,h,i)perylene	30.704	276	522551	40.318	ng/ul#	89

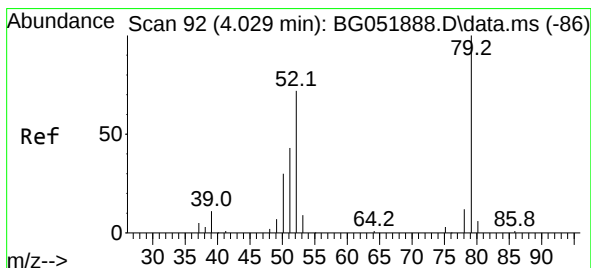
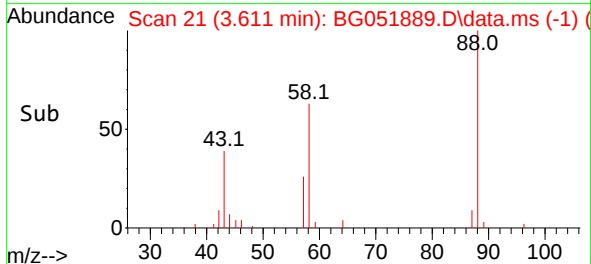
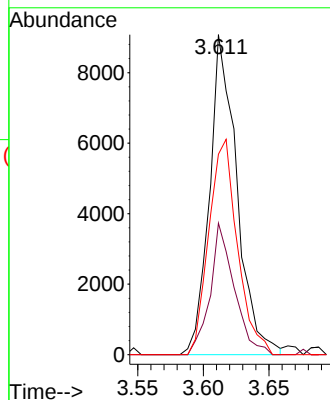
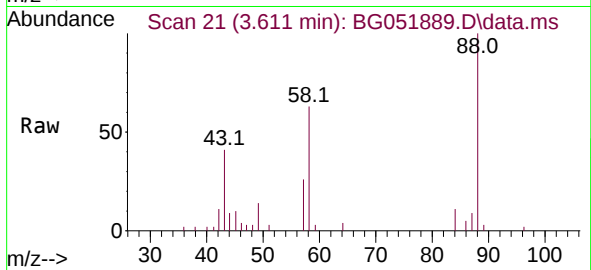
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#2
1,4-Dioxane
Concen: 20.542 ng/uL
RT: 3.611 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051889.D
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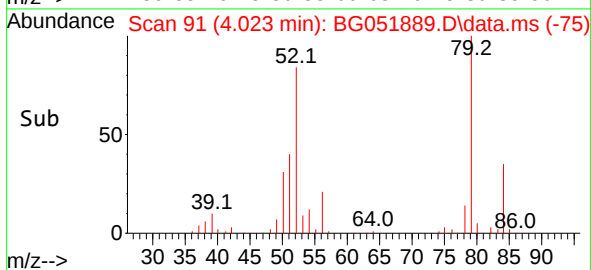
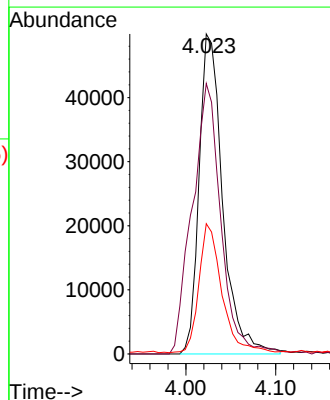
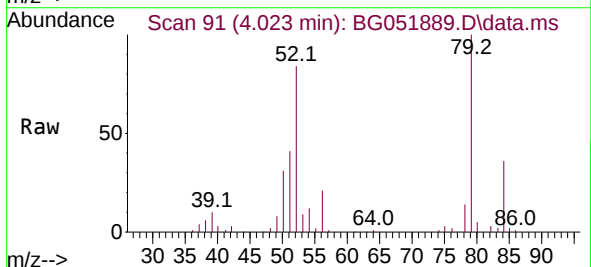
Instrument :
BNA_G
ClientSampleId :
SSTD040445

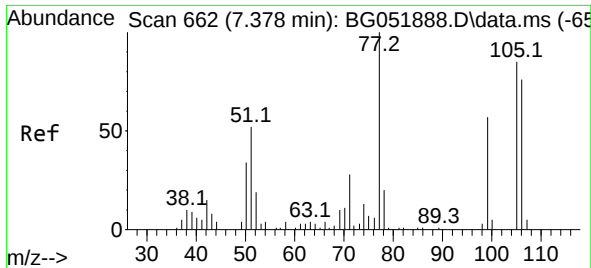
Tgt Ion: 88 Resp: 13191
Ion Ratio Lower Upper
88 100
43 41.1 23.0 34.4#
58 62.7 62.4 93.6



#5
Pyridine
Concen: 48.872 ng/uL
RT: 4.023 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion: 79 Resp: 91147
Ion Ratio Lower Upper
79 100
52 84.5 60.8 91.2
51 40.7 30.5 45.7

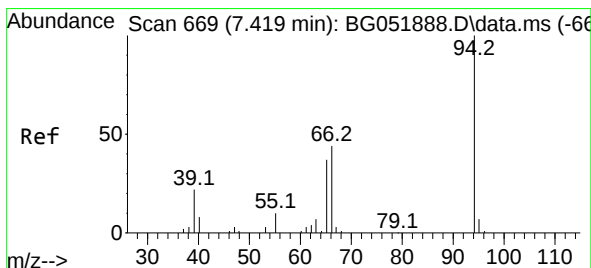
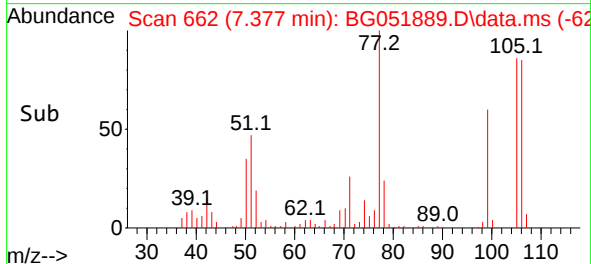
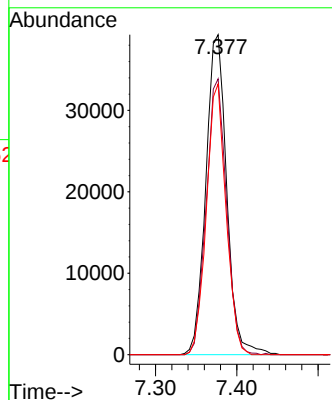
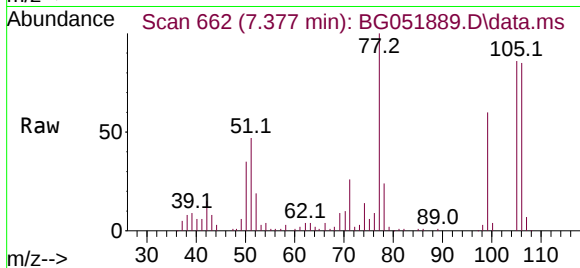




#6
Benzaldehyde
Concen: 49.223 ng/ul
RT: 7.377 min Scan# 662
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

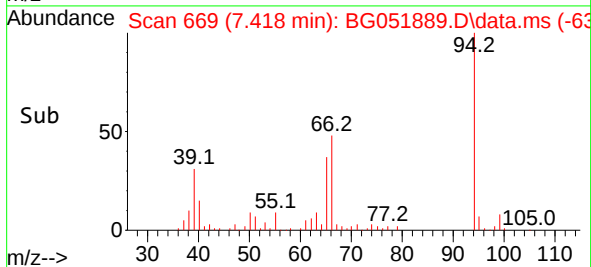
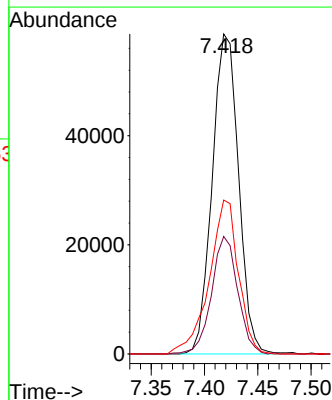
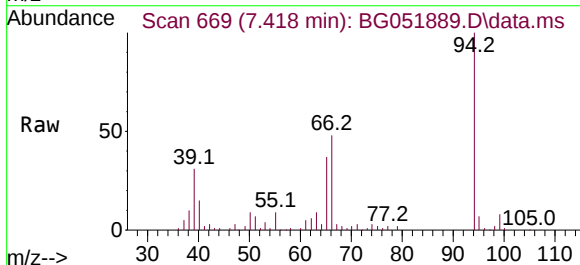
Instrument :
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ClientSampleId :
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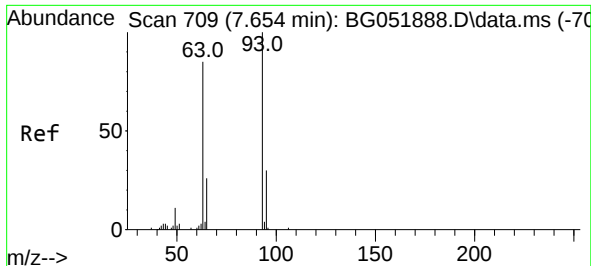
Tgt Ion: 77 Resp: 70068
Ion Ratio Lower Upper
77 100
105 86.2 70.4 105.6
106 84.6 61.2 91.8



#8
Phenol
Concen: 44.394 ng/ul
RT: 7.418 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion: 94 Resp: 100714
Ion Ratio Lower Upper
94 100
65 36.7 25.1 37.7
66 48.1 31.6 47.4#

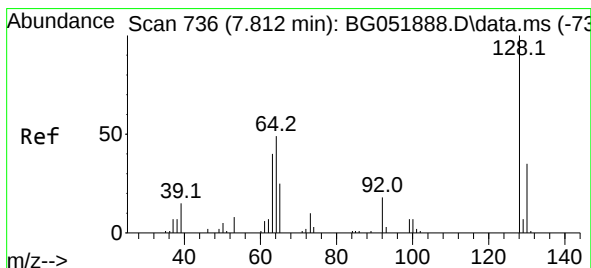
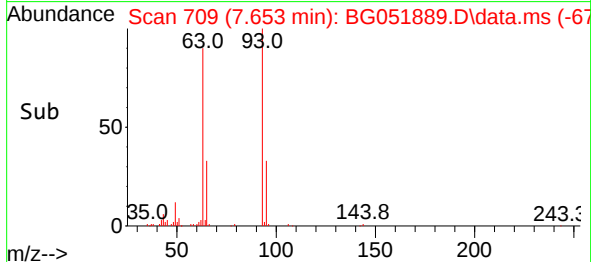
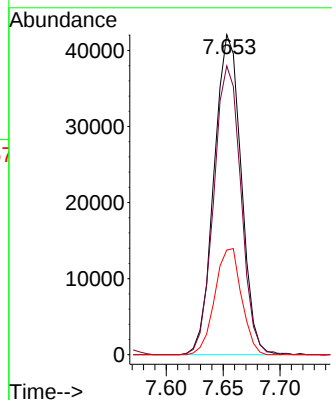
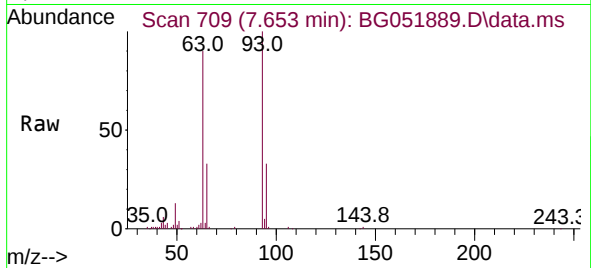




#10
Bis(2-Chloroethyl)ether
Concen: 40.330 ng/ul
RT: 7.653 min Scan# 709
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

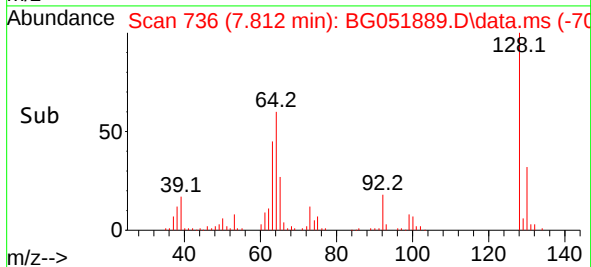
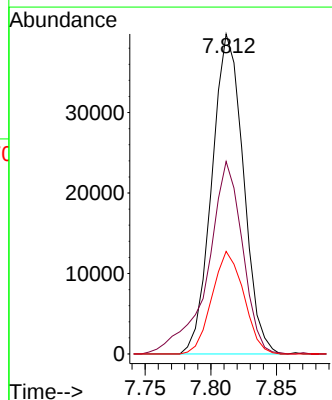
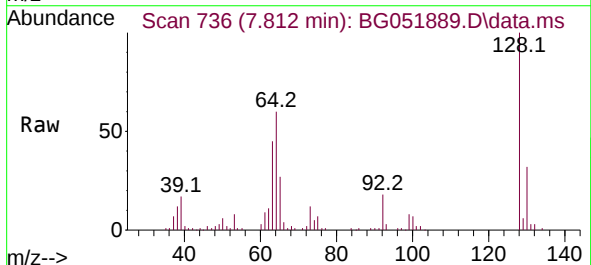
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ClientSampleId :
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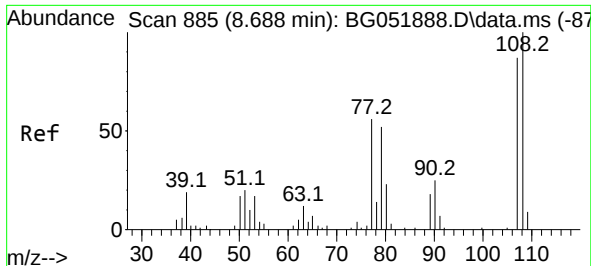
Tgt Ion: 93 Resp: 69801
Ion Ratio Lower Upper
93 100
63 90.2 68.6 103.0
95 32.7 26.1 39.1



#12
2-Chlorophenol
Concen: 40.772 ng/ul
RT: 7.812 min Scan# 736
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:128 Resp: 66365
Ion Ratio Lower Upper
128 100
64 60.1 45.3 67.9
130 32.0 27.1 40.7





#13

2-Methylphenol

Concen: 42.698 ng/ul

RT: 8.693 min Scan# 81

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

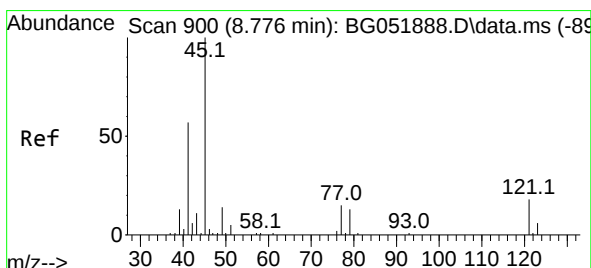
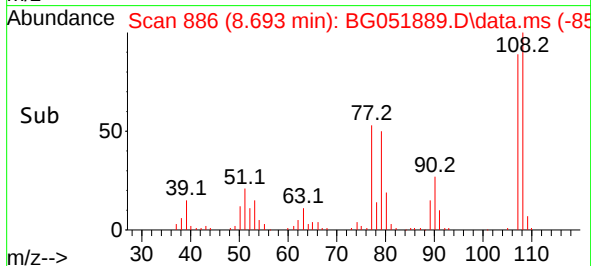
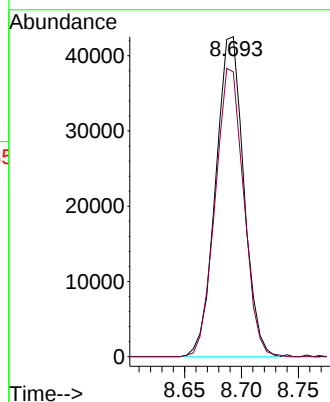
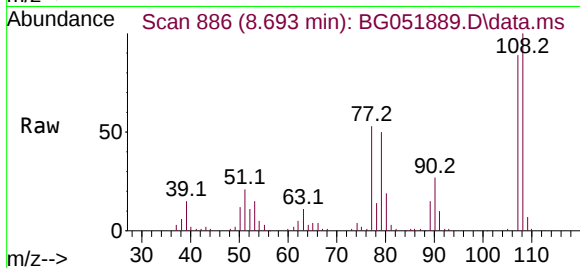
SSTD040445

Tgt Ion:108 Resp: 73087

Ion Ratio Lower Upper

108 100

107 89.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 46.453 ng/ul

RT: 8.781 min Scan# 901

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

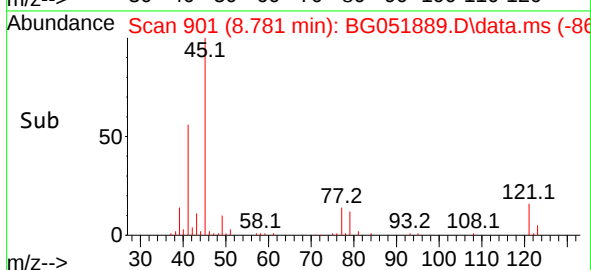
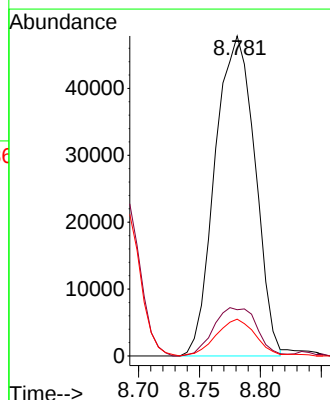
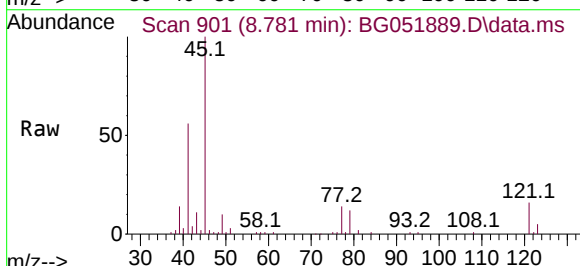
Tgt Ion: 45 Resp: 109056

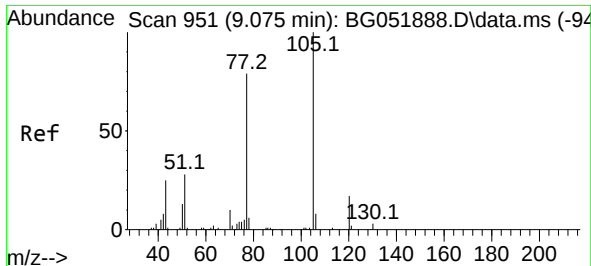
Ion Ratio Lower Upper

45 100

77 14.5 10.7 16.1

79 11.5 8.5 12.7

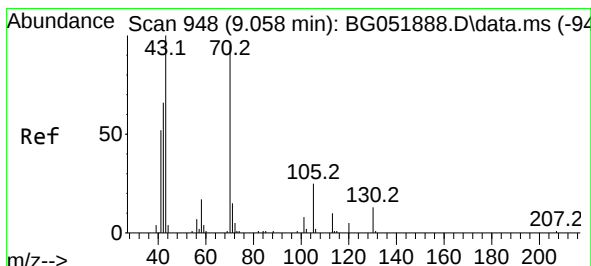
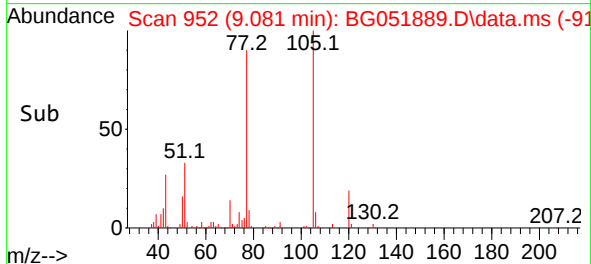
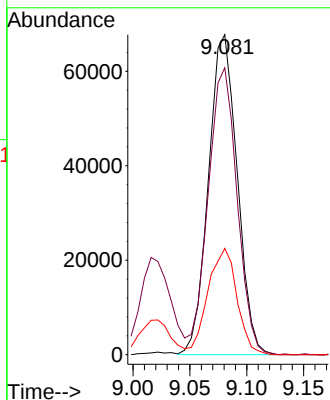
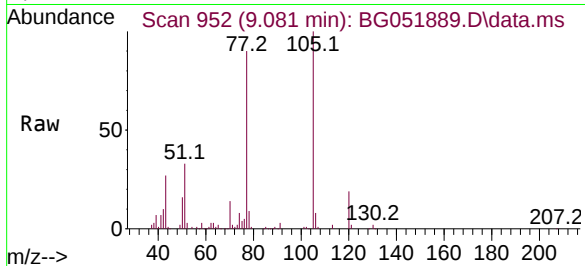




#16
Acetophenone
Concen: 43.085 ng/ul
RT: 9.081 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

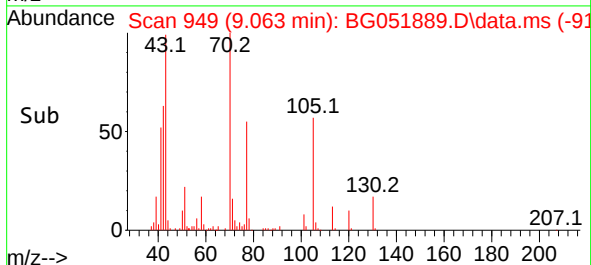
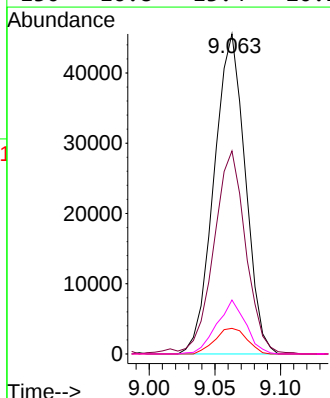
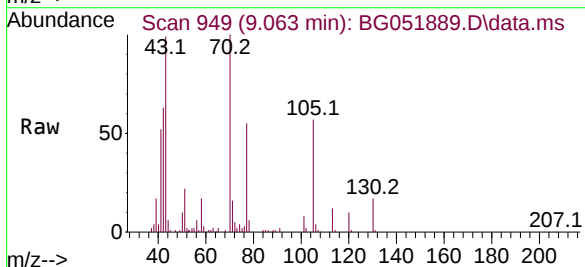
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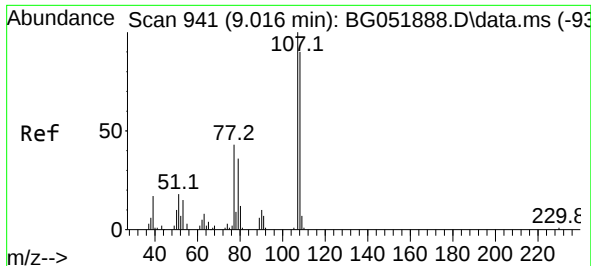
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Ion Ratio Lower Upper
105 100
77 89.6 67.3 100.9
51 33.2 24.0 36.0



#17
N-Nitroso-di-n-propylamine
Concen: 45.375 ng/ul
RT: 9.063 min Scan# 949
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion: 70 Resp: 75424
Ion Ratio Lower Upper
70 100
42 63.5 46.0 69.0
101 8.0 7.0 10.4
130 16.8 13.4 20.2

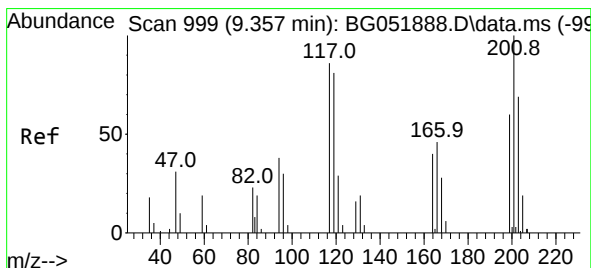
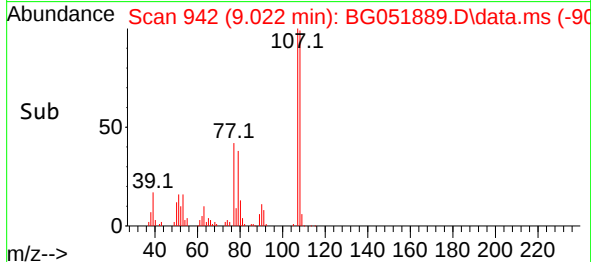
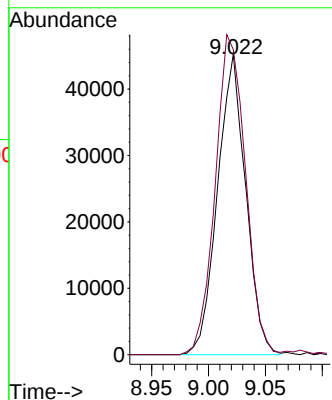
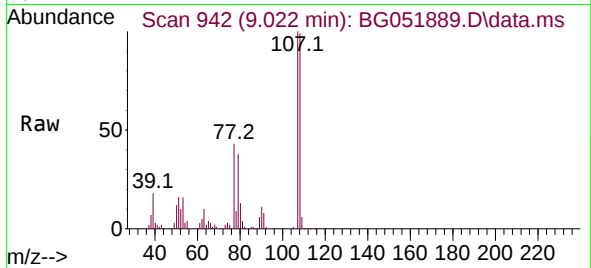




#18
4-Methylphenol
Concen: 43.183 ng/ul
RT: 9.022 min Scan# 941
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

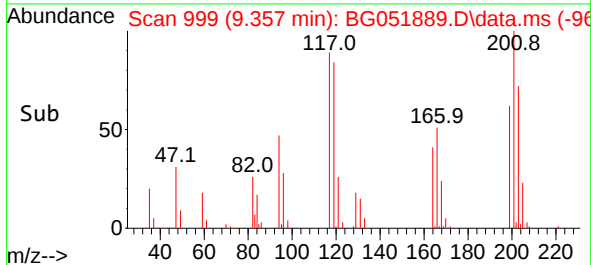
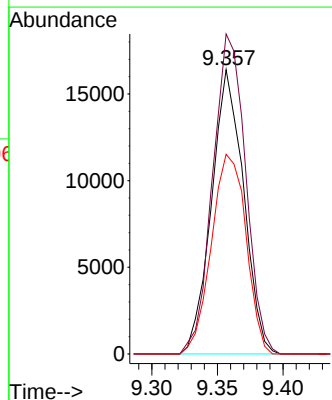
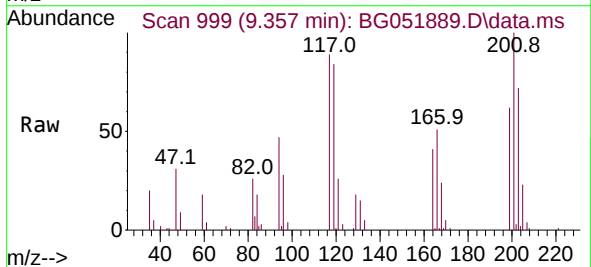
Instrument :
BNA_G
ClientSampleId :
SSTD040445

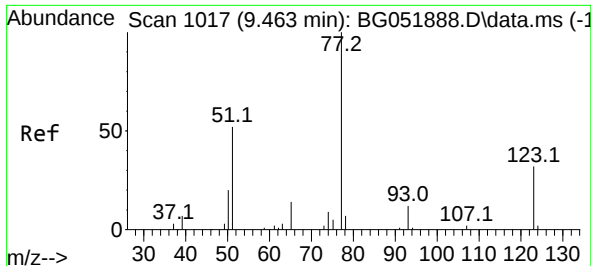
Tgt Ion:108 Resp: 77906
Ion Ratio Lower Upper
108 100
107 101.4 95.0 142.4



#19
Hexachloroethane
Concen: 39.066 ng/ul
RT: 9.357 min Scan# 999
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:117 Resp: 27746
Ion Ratio Lower Upper
117 100
201 112.5 77.2 115.8
199 70.2 49.9 74.9





#22

Nitrobenzene

Concen: 44.802 ng/ul

RT: 9.468 min Scan# 1017

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

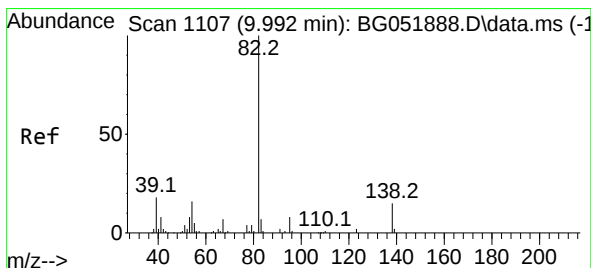
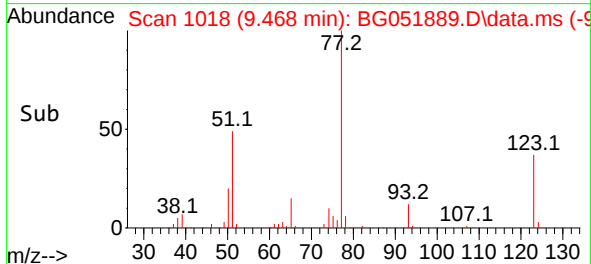
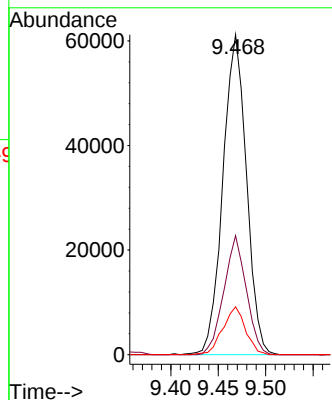
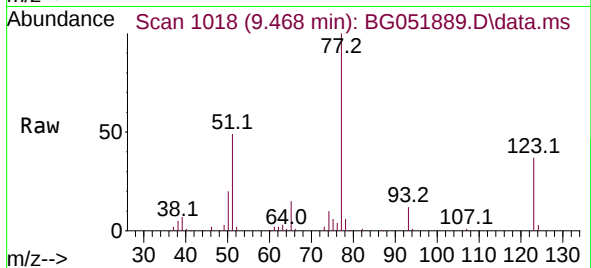
Tgt Ion: 77 Resp: 105752

Ion Ratio Lower Upper

77 100

123 37.2 30.1 45.1

65 14.9 9.6 14.4#



#23

Isophorone

Concen: 42.791 ng/ul

RT: 9.997 min Scan# 1108

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

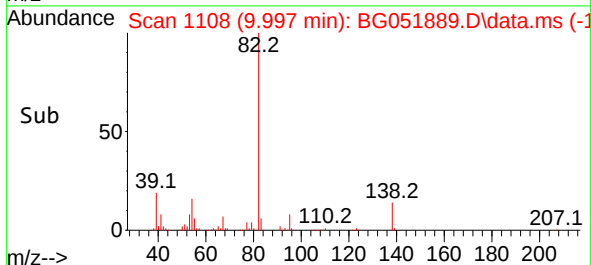
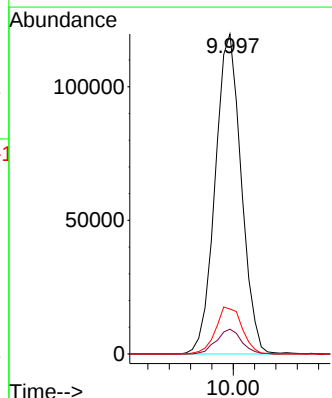
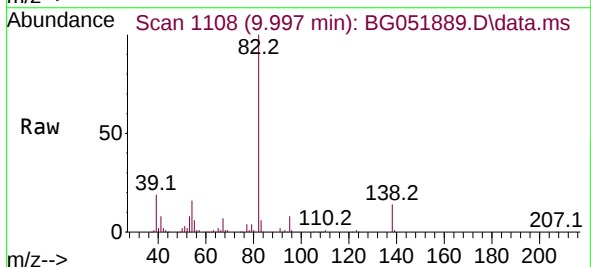
Tgt Ion: 82 Resp: 202778

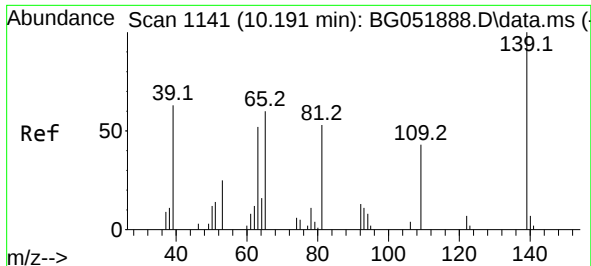
Ion Ratio Lower Upper

82 100

95 7.8 5.6 8.4

138 14.1 11.8 17.8

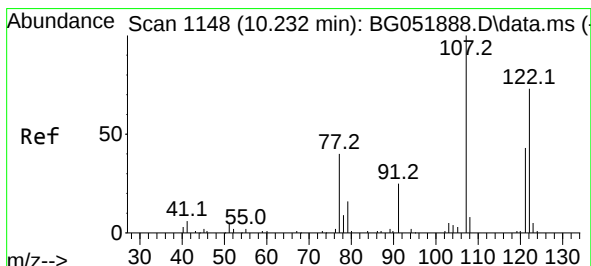
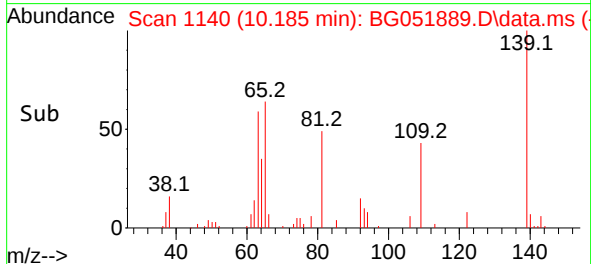
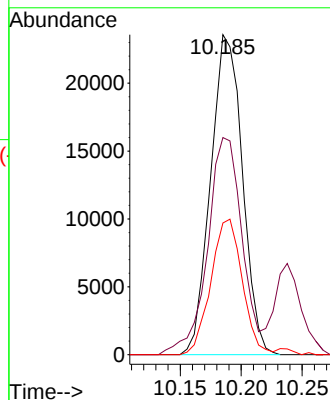
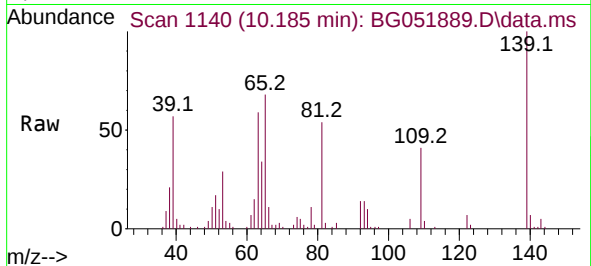




#25
2-Nitrophenol
Concen: 45.144 ng/ul
RT: 10.185 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

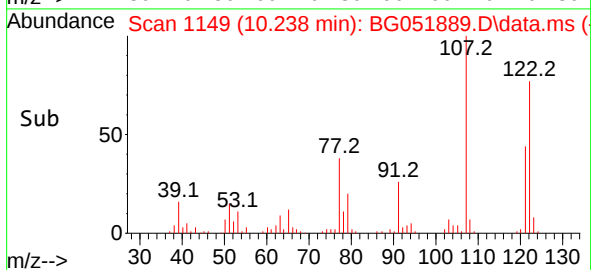
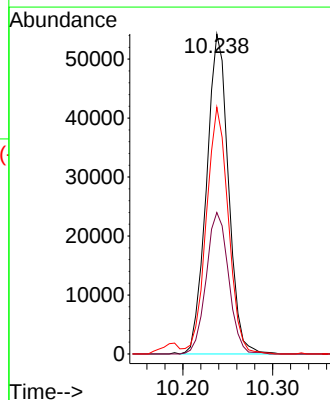
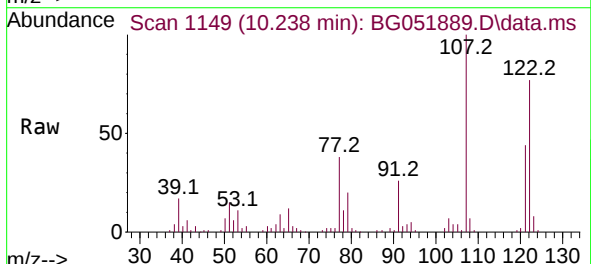
Instrument :
BNA_G
ClientSampleId :
SSTD040445

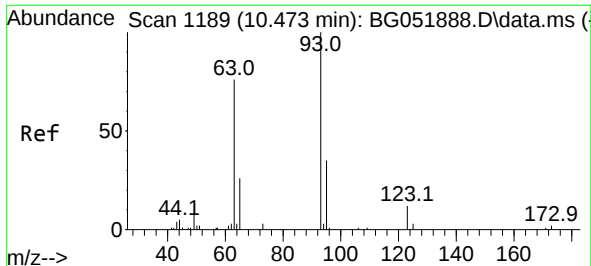
Tgt Ion:139 Resp: 42809
Ion Ratio Lower Upper
139 100
65 67.8 48.0 72.0
109 41.2 28.6 42.8



#26
2,4-Dimethylphenol
Concen: 40.333 ng/ul
RT: 10.238 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:107 Resp: 92152
Ion Ratio Lower Upper
107 100
121 44.2 39.3 58.9
122 77.1 63.7 95.5

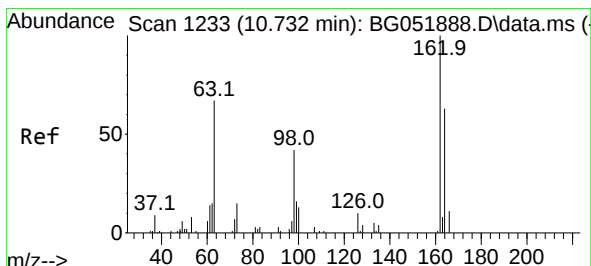
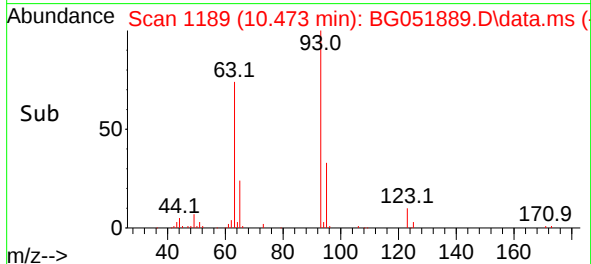
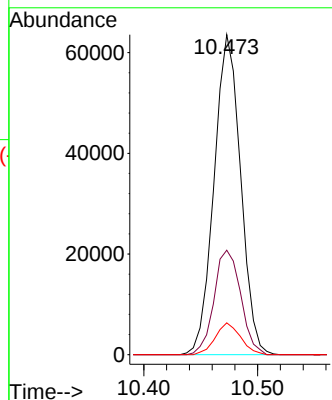
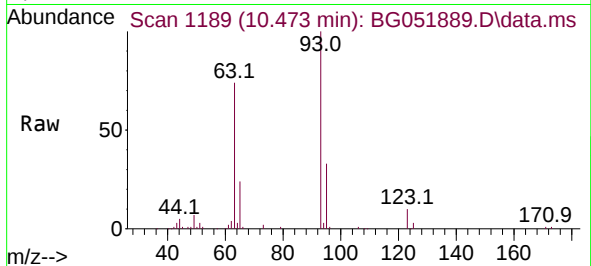




#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.961 ng/ul
 RT: 10.473 min Scan# 1189
 Delta R.T. -0.001 min
 Lab File: BG051889.D
 Acq: 6 Jan 2022 12:11

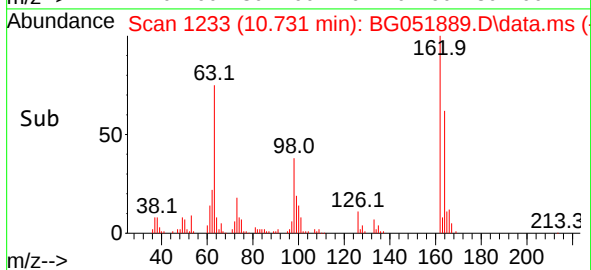
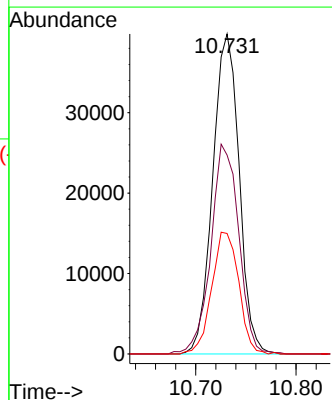
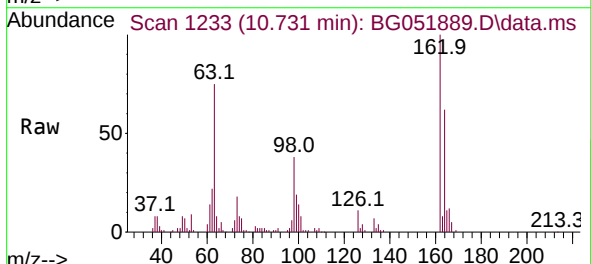
Instrument :
 BNA_G
 ClientSampleId :
 SST040445

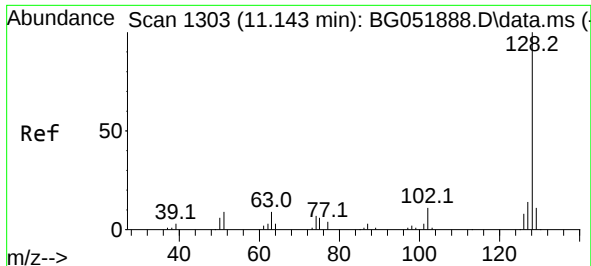
Tgt Ion: 93 Resp: 103071
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.0 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 39.725 ng/ul
 RT: 10.731 min Scan# 1233
 Delta R.T. -0.001 min
 Lab File: BG051889.D
 Acq: 6 Jan 2022 12:11

Tgt Ion:162 Resp: 72714
 Ion Ratio Lower Upper
 162 100
 164 62.2 49.4 74.0
 98 37.7 30.4 45.6

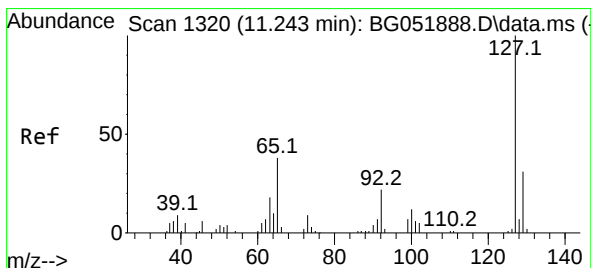
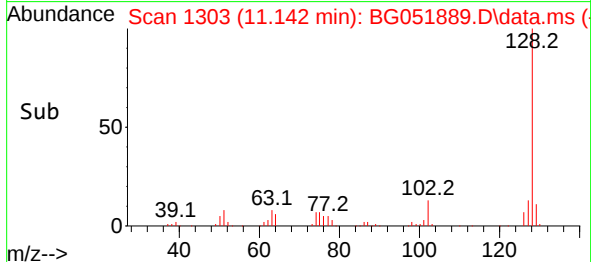
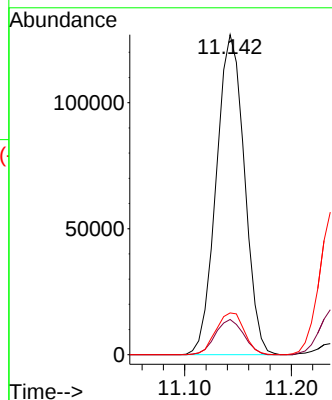
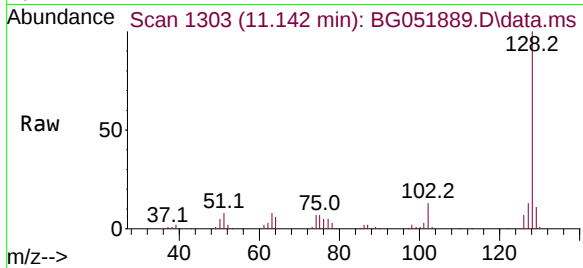




#30
Naphthalene
Concen: 39.032 ng/ul
RT: 11.142 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

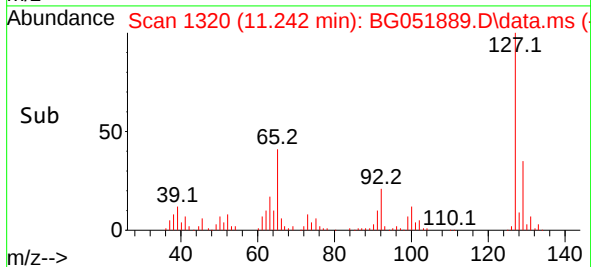
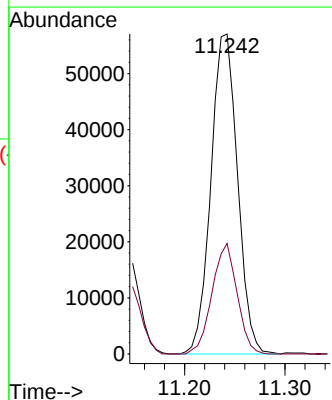
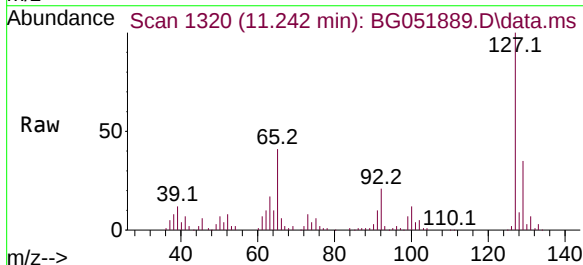
Instrument :
BNA_G
ClientSampleId :
SSTD040445

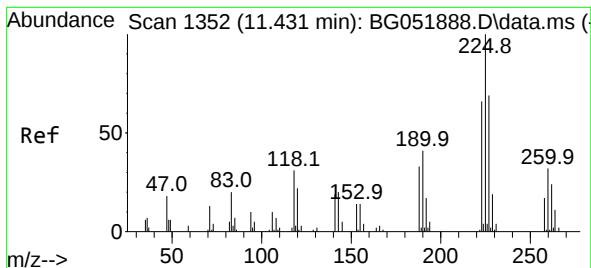
Tgt Ion:128 Resp: 232761
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 11.8 17.6



#32
4-Chloroaniline
Concen: 40.688 ng/ul
RT: 11.242 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:127 Resp: 105239
Ion Ratio Lower Upper
127 100
129 34.6 26.2 39.2





#33

Hexachlorobutadiene

Concen: 35.950 ng/ul

RT: 11.430 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

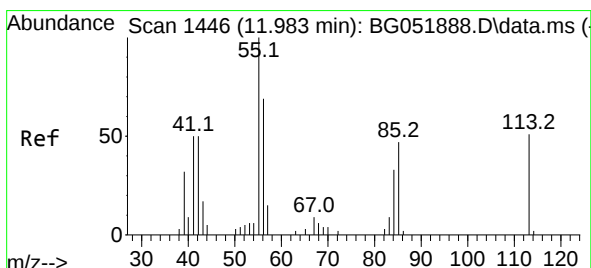
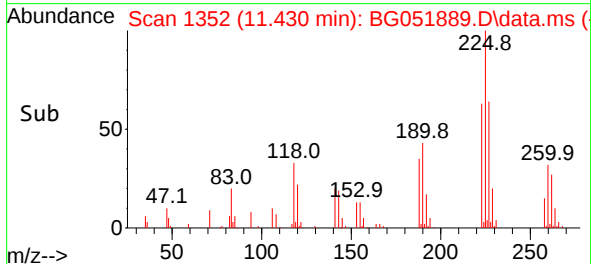
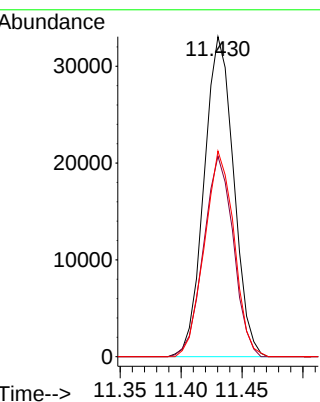
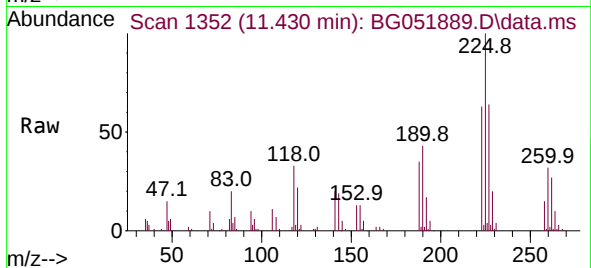
Tgt Ion:225 Resp: 55867

Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

227 64.3 49.8 74.8



#34

Caprolactam

Concen: 27.164 ng/ul

RT: 11.988 min Scan# 1447

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

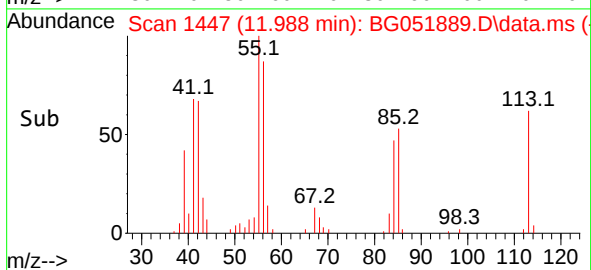
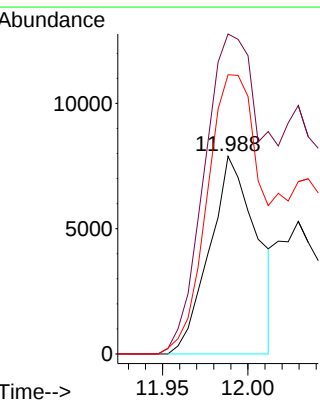
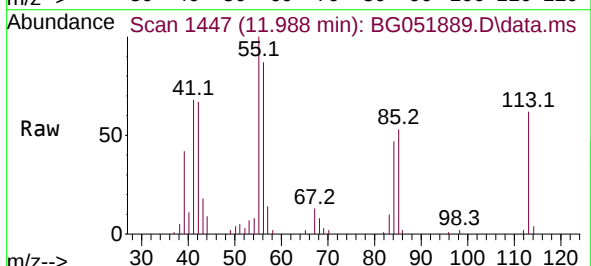
Tgt Ion:113 Resp: 15054

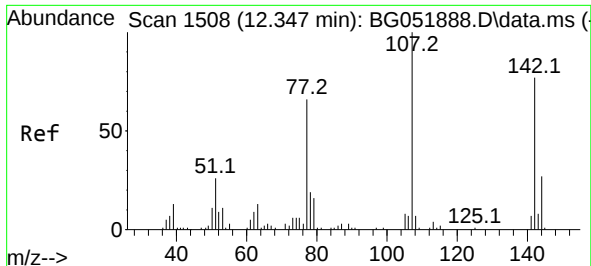
Ion Ratio Lower Upper

113 100

55 161.9 147.0 220.6

56 141.3 109.2 163.8

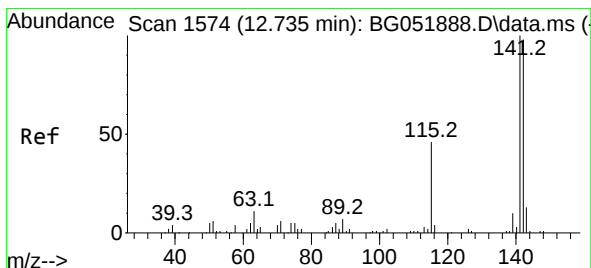
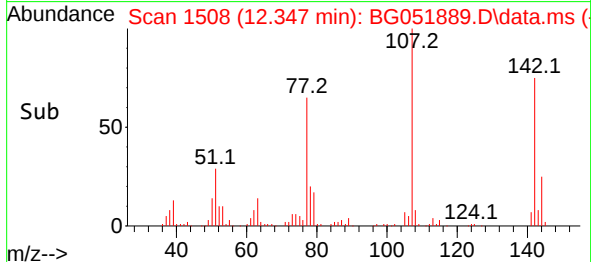
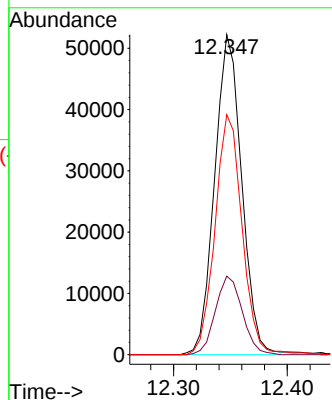
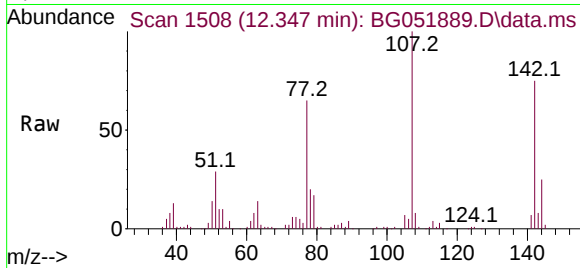




#35
4-Chloro-3-methylphenol
Concen: 42.070 ng/ul
RT: 12.347 min Scan# 1508
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

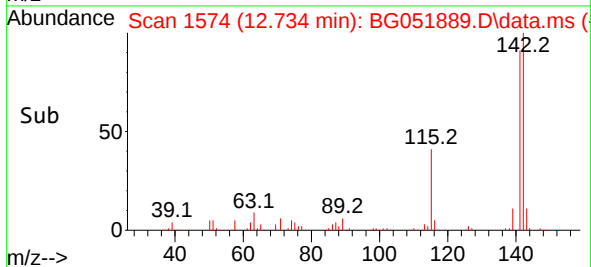
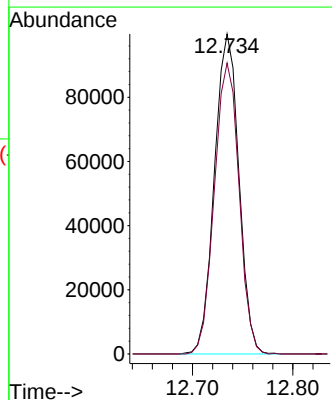
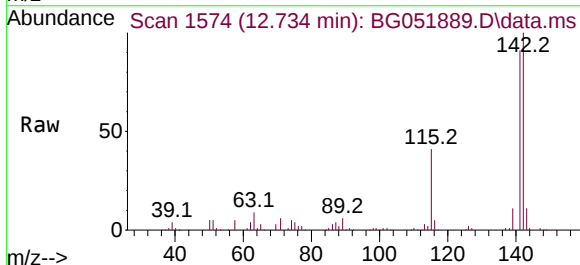
Instrument :
BNA_G
ClientSampleId :
SSTD040445

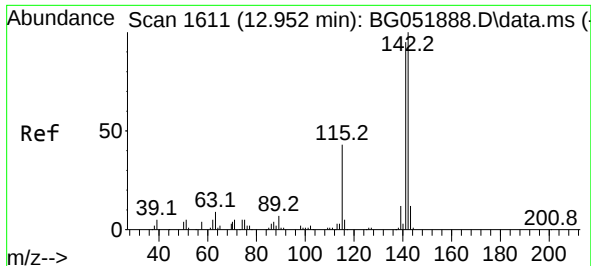
Tgt Ion:107 Resp: 86285
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 75.0 56.2 84.4



#36
2-Methylnaphthalene
Concen: 39.634 ng/ul
RT: 12.734 min Scan# 1574
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:142 Resp: 168619
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9





#37

1-Methylnaphthalene

Concen: 38.807 ng/ul

RT: 12.952 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

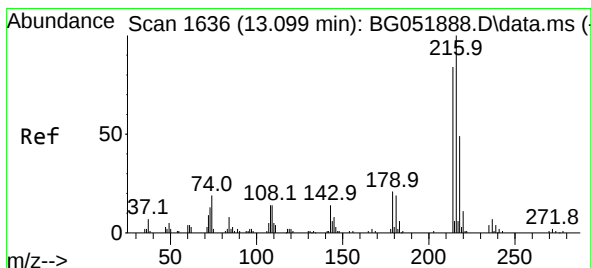
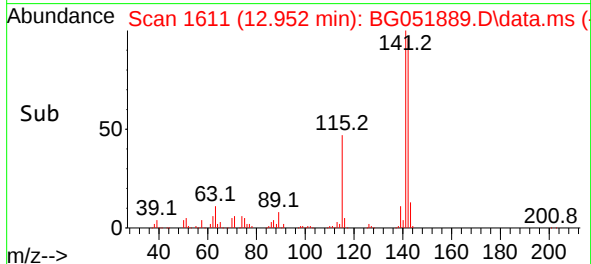
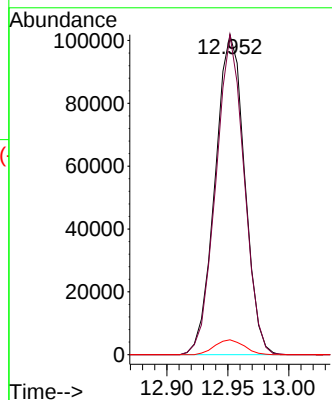
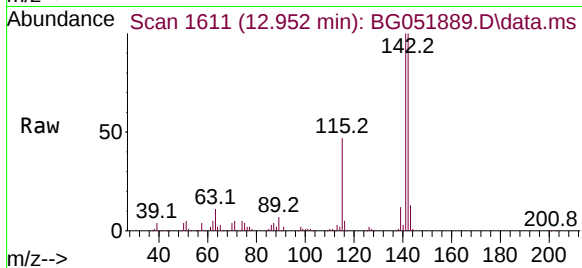
Tgt Ion:142 Resp: 171428

Ion Ratio Lower Upper

142 100

141 100.0 77.8 116.8

116 4.6 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.842 ng/ul

RT: 13.099 min Scan# 1636

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Tgt Ion:216 Resp: 109621

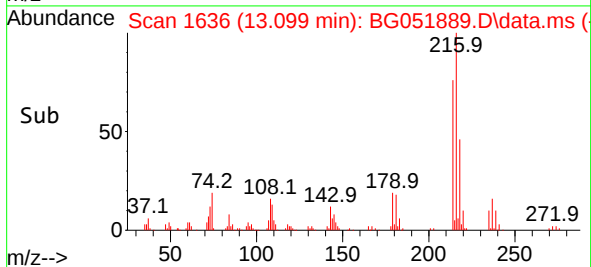
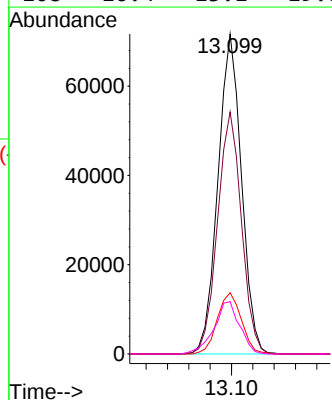
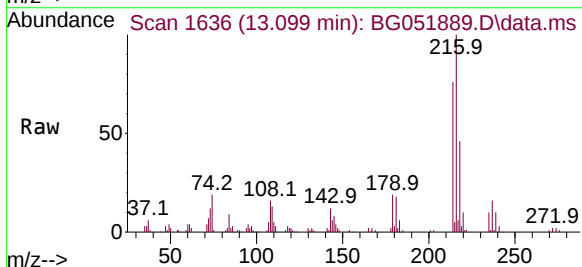
Ion Ratio Lower Upper

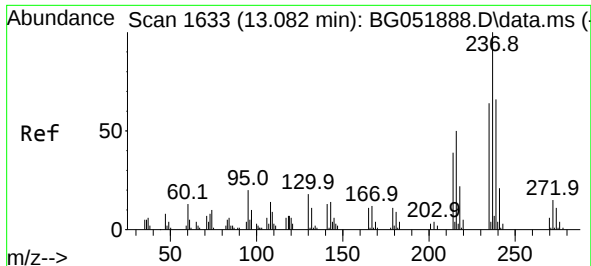
216 100

214 75.6 61.0 91.4

179 19.1 16.2 24.2

108 16.4 13.1 19.7

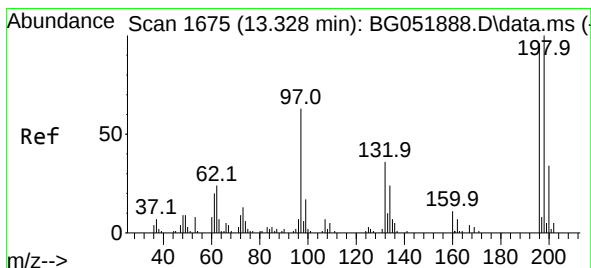
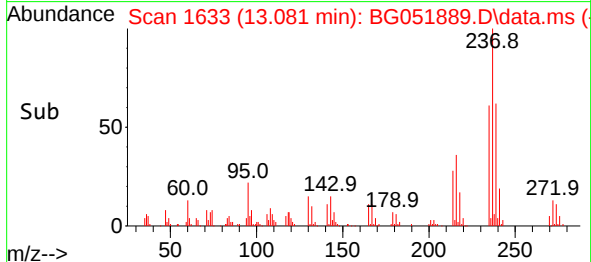
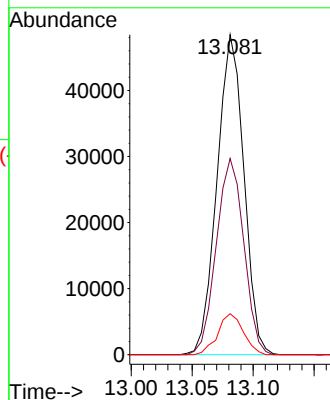
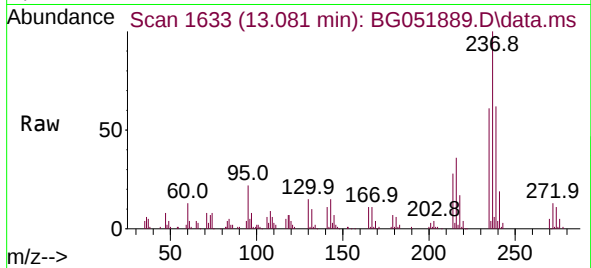




#40
Hexachlorocyclopentadiene
Concen: 36.278 ng/ul
RT: 13.081 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

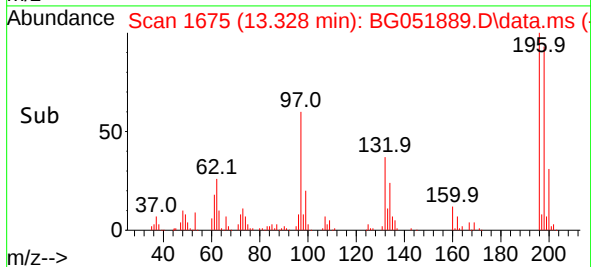
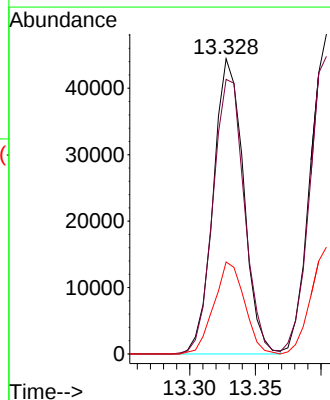
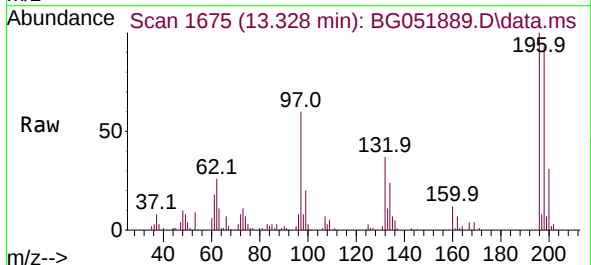
Instrument :
BNA_G
ClientSampleId :
SSTD040445

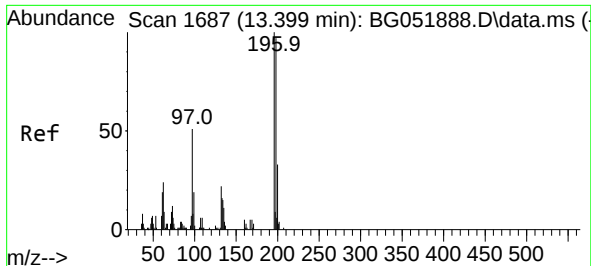
Tgt Ion:237 Resp: 74341
Ion Ratio Lower Upper
237 100
235 61.3 49.4 74.0
272 12.8 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 41.659 ng/ul
RT: 13.328 min Scan# 1675
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:196 Resp: 71173
Ion Ratio Lower Upper
196 100
198 93.0 74.3 111.5
200 31.1 23.8 35.6

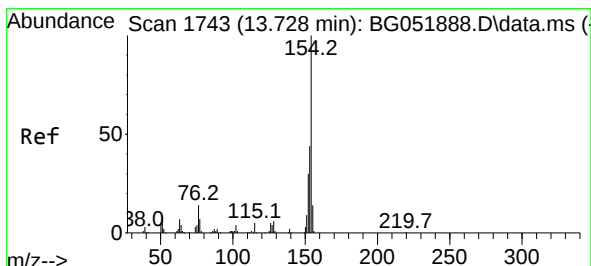
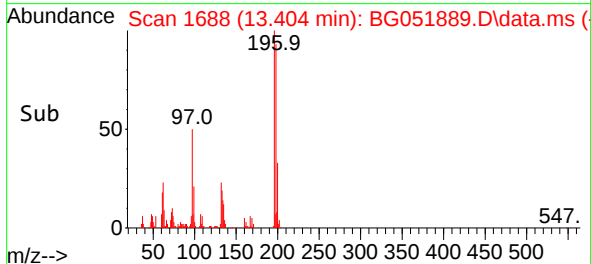
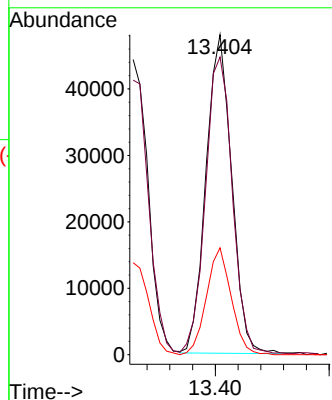
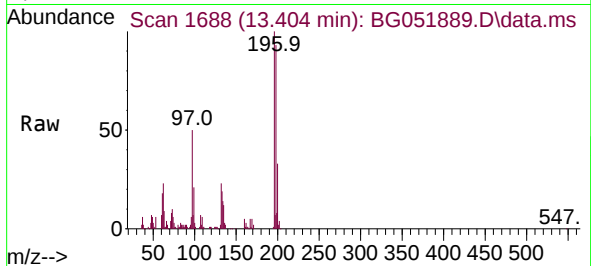




#42
2,4,5-Trichlorophenol
Concen: 42.077 ng/ul
RT: 13.404 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

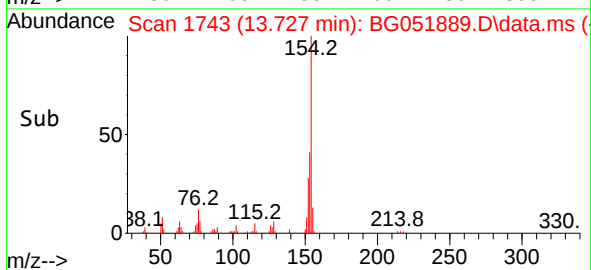
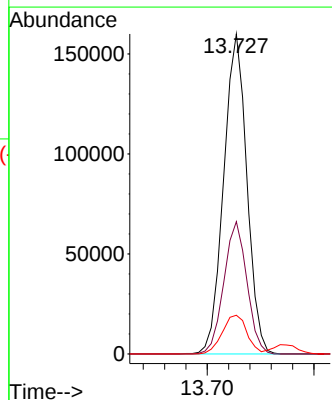
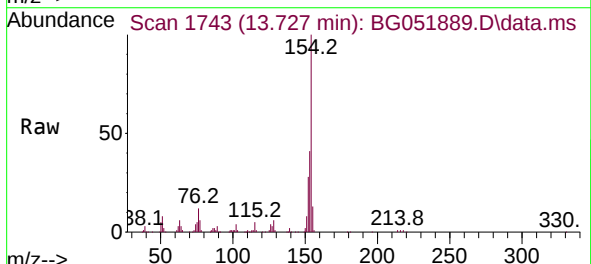
Instrument :
BNA_G
ClientSampleId :
SSTD040445

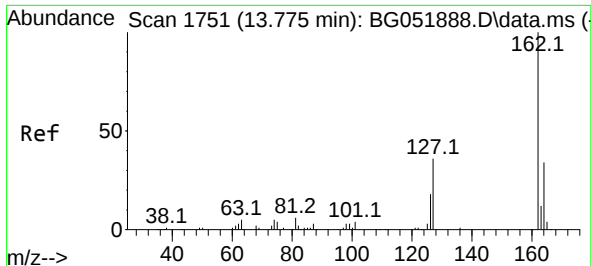
Tgt Ion:196 Resp: 75341
Ion Ratio Lower Upper
196 100
198 93.0 77.0 115.4
200 33.4 25.4 38.2



#43
1,1'-Biphenyl
Concen: 38.799 ng/ul
RT: 13.727 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:154 Resp: 241142
Ion Ratio Lower Upper
154 100
153 41.4 34.5 51.7
76 12.1 13.1 19.7#

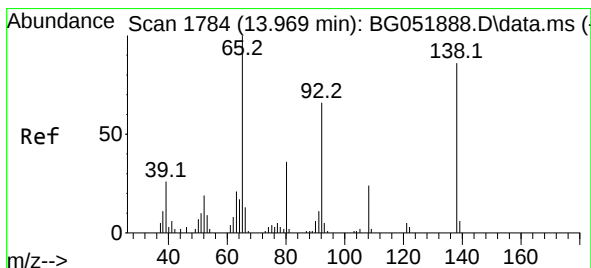
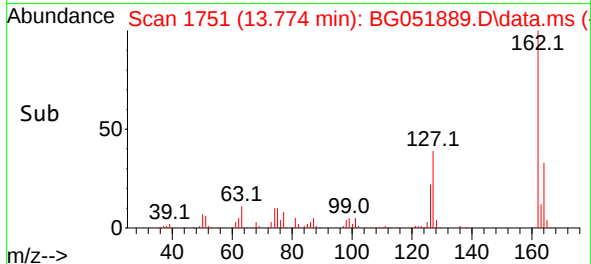
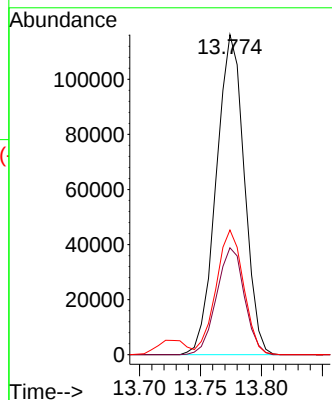
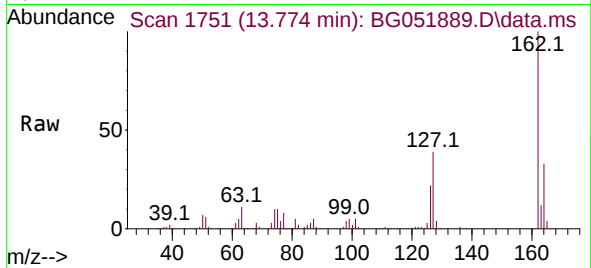




#44
2-Chloronaphthalene
Concen: 38.699 ng/ul
RT: 13.774 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

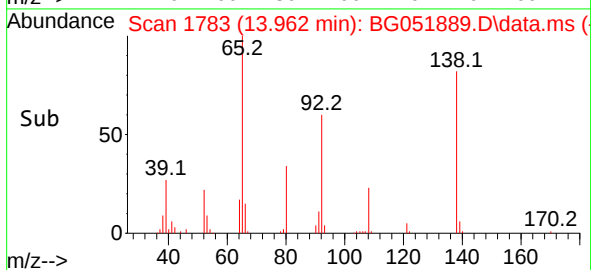
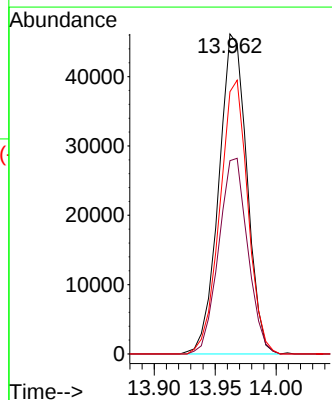
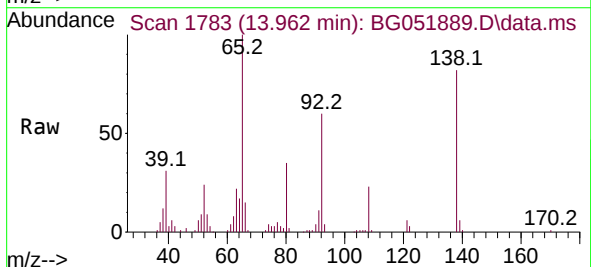
Instrument :
BNA_G
ClientSampleId :
SSTD040445

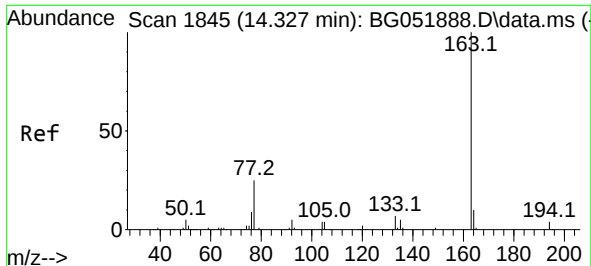
Tgt Ion:162 Resp: 185953
Ion Ratio Lower Upper
162 100
164 33.4 26.1 39.1
127 39.0 31.0 46.4



#45
2-Nitroaniline
Concen: 50.582 ng/ul
RT: 13.962 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion: 65 Resp: 74249
Ion Ratio Lower Upper
65 100
92 60.4 53.0 79.4
138 82.0 67.4 101.0

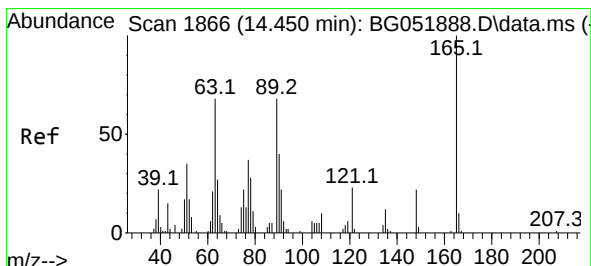
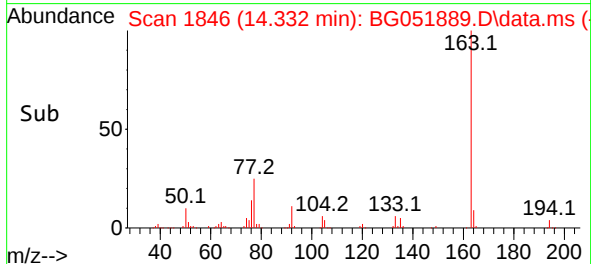
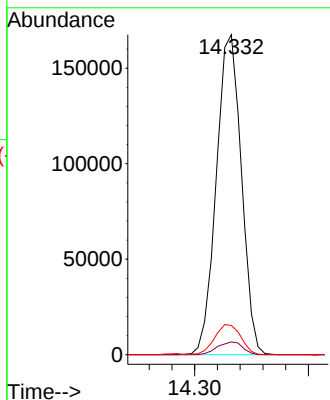
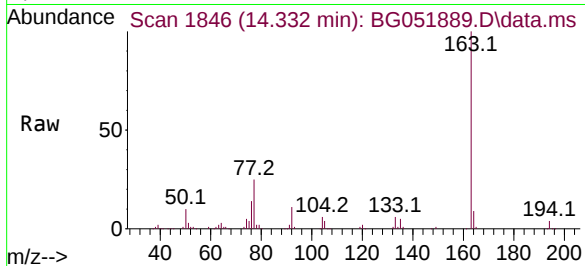




#47
Dimethylphthalate
Concen: 40.730 ng/ul
RT: 14.332 min Scan# 1846
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

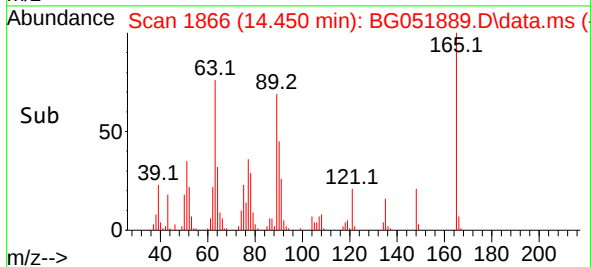
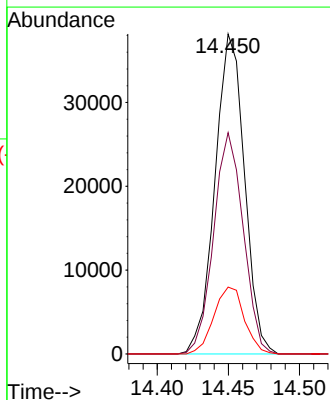
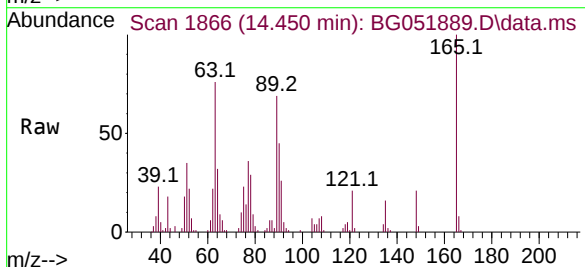
Instrument :
BNA_G
ClientSampleId :
SSTD040445

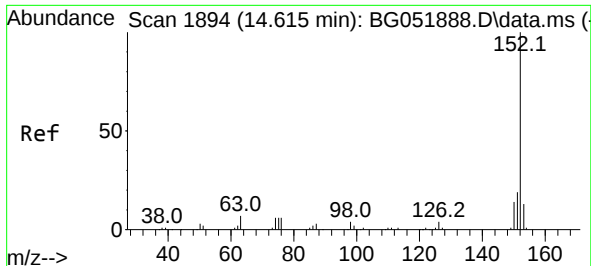
Tgt Ion:163 Resp: 256798
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 45.711 ng/ul
RT: 14.450 min Scan# 1866
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

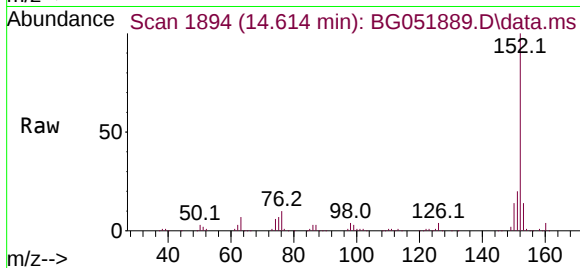
Tgt Ion:165 Resp: 55095
Ion Ratio Lower Upper
165 100
89 69.1 57.4 86.0
121 20.9 18.8 28.2



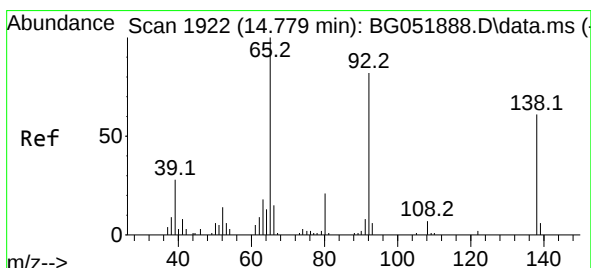
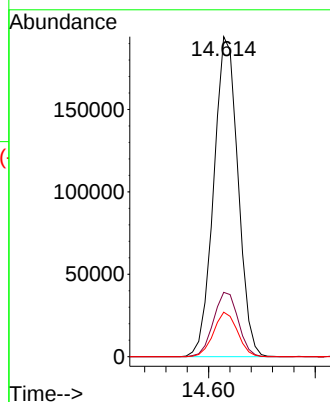
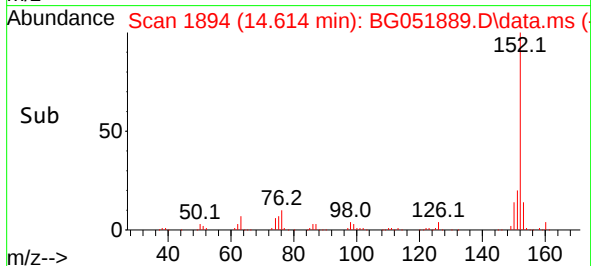


#50
Acenaphthylene
Concen: 38.860 ng/ul
RT: 14.614 min Scan# 1894
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Instrument :
BNA_G
ClientSampleId :
SSTD040445

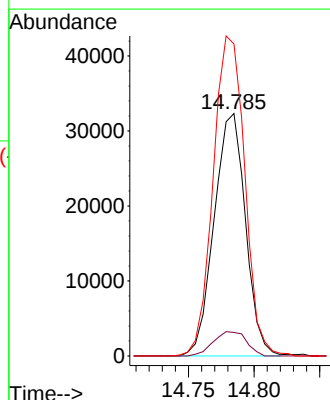
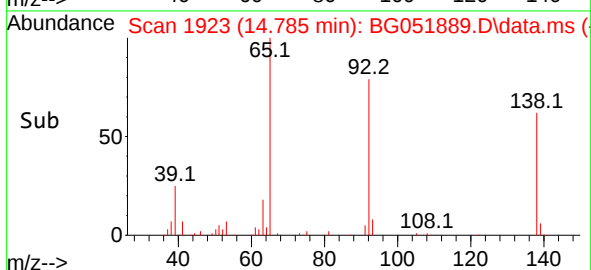
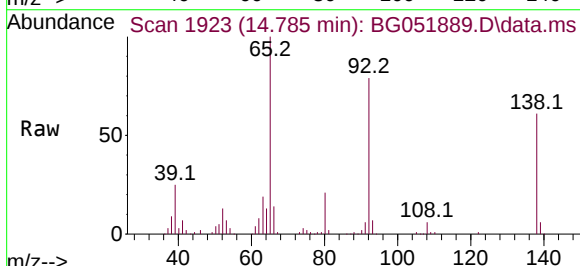


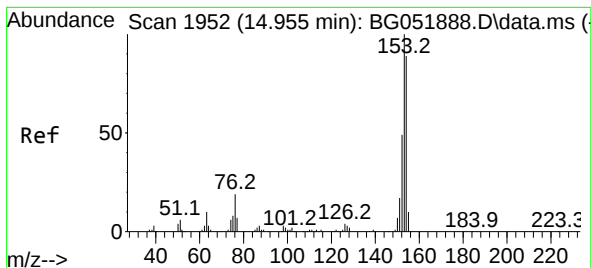
Tgt Ion:152 Resp: 306656
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.0
153 13.9 10.3 15.5



#51
3-Nitroaniline
Concen: 46.565 ng/ul
RT: 14.785 min Scan# 1923
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:138 Resp: 53667
Ion Ratio Lower Upper
138 100
108 9.7 8.8 13.2
92 128.7 98.0 147.0

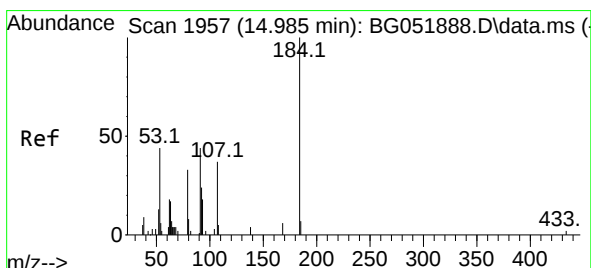
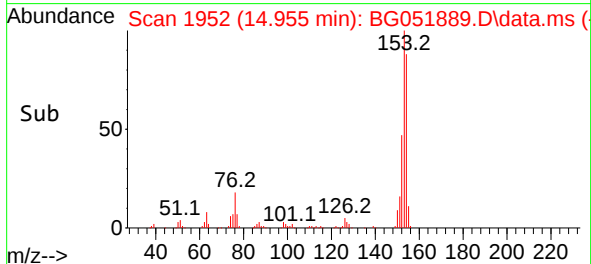
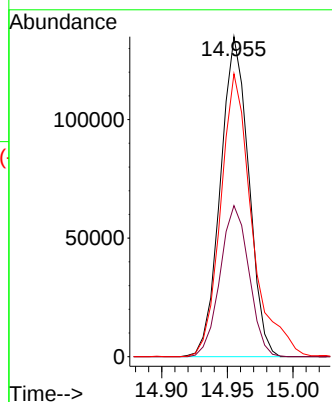
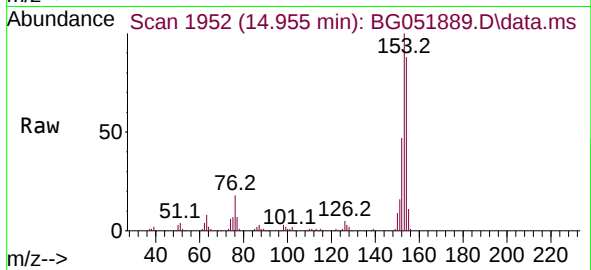




#52
Acenaphthene
Concen: 38.738 ng/ul
RT: 14.955 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

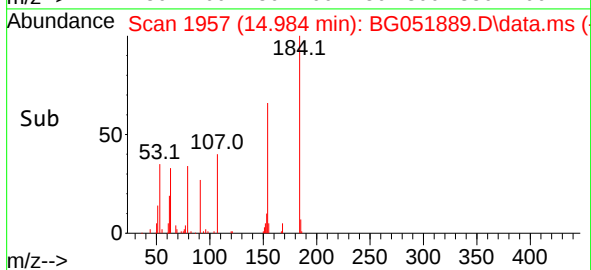
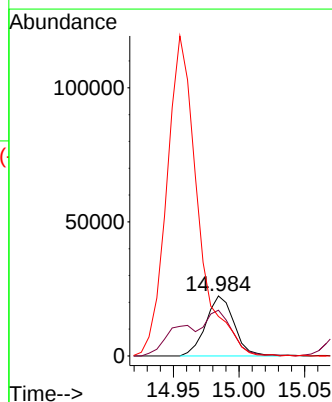
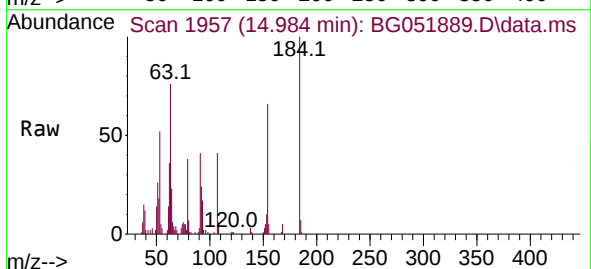
Instrument :
BNA_G
ClientSampleId :
SSTD040445

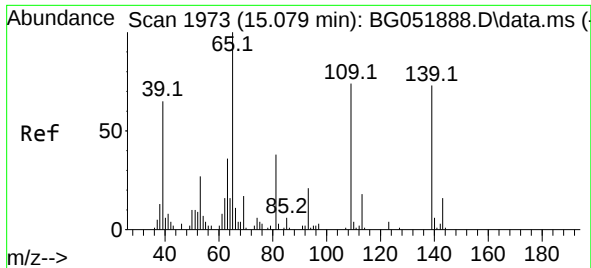
Tgt Ion:153 Resp: 201951
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 88.4 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 48.147 ng/ul
RT: 14.984 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:184 Resp: 33546
Ion Ratio Lower Upper
184 100
63 76.3 66.2 99.2
154 66.1 53.6 80.4

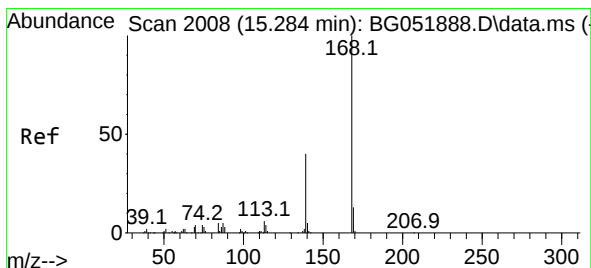
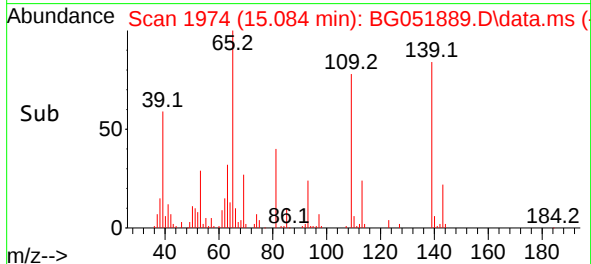
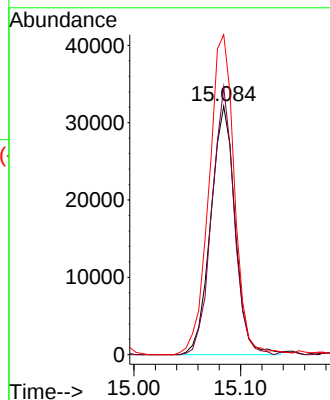
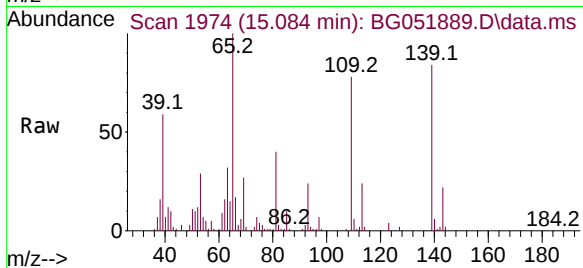




#55
4-Nitrophenol
Concen: 45.124 ng/ul
RT: 15.084 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

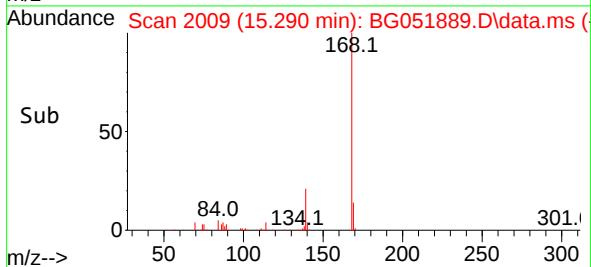
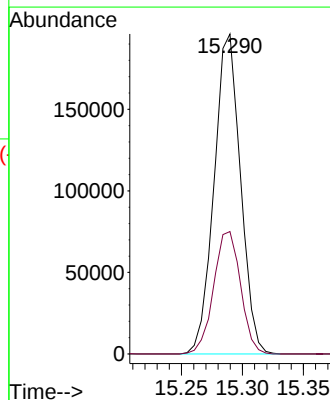
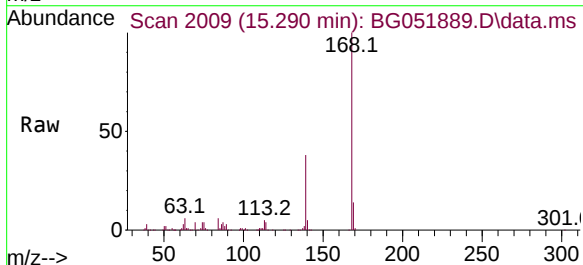
Instrument :
BNA_G
ClientSampleId :
SSTD040445

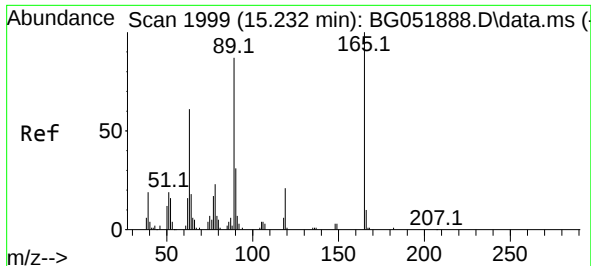
Tgt Ion:109 Resp: 51129
Ion Ratio Lower Upper
109 100
139 107.7 88.7 133.1
65 128.8 113.6 170.4



#56
Dibenzofuran
Concen: 38.495 ng/ul
RT: 15.290 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:168 Resp: 295548
Ion Ratio Lower Upper
168 100
139 38.3 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 48.368 ng/ul

RT: 15.237 min Scan# 2000

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

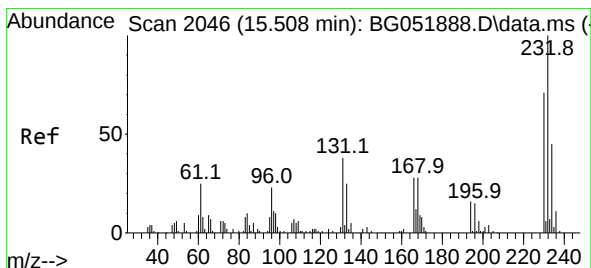
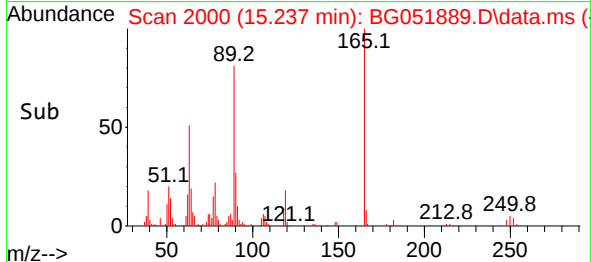
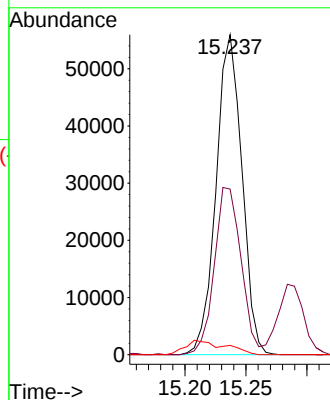
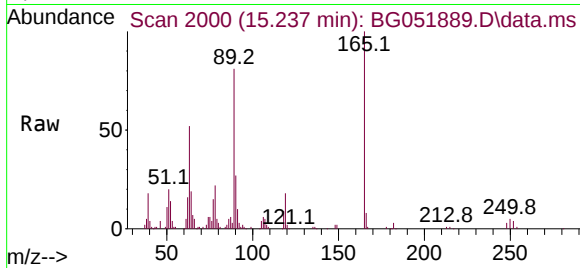
Tgt Ion:165 Resp: 82627

Ion Ratio Lower Upper

165 100

63 51.8 42.1 63.1

182 2.9 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.878 ng/ul

RT: 15.507 min Scan# 2046

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Tgt Ion:232 Resp: 71263

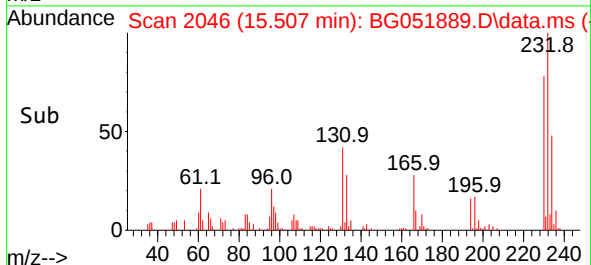
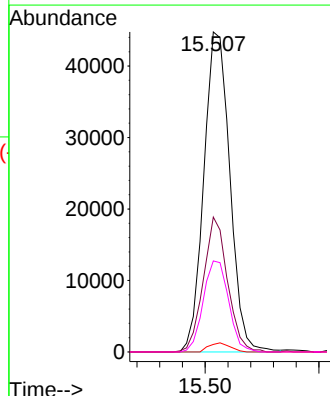
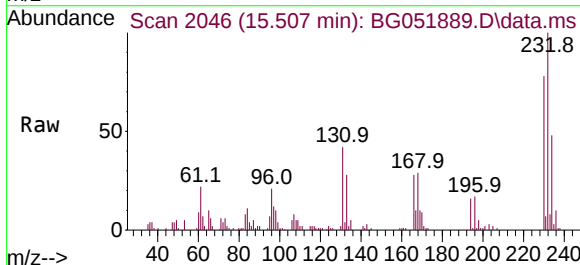
Ion Ratio Lower Upper

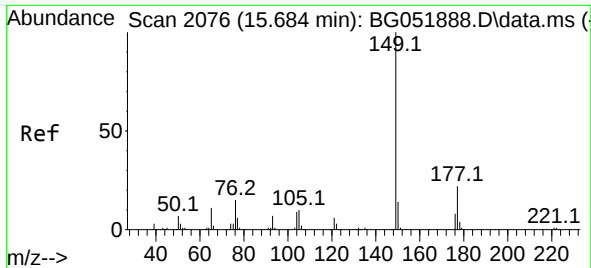
232 100

131 42.1 38.9 58.3

130 2.3 2.4 3.6#

166 28.4 25.8 38.8

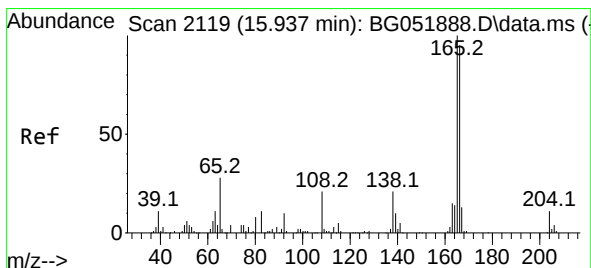
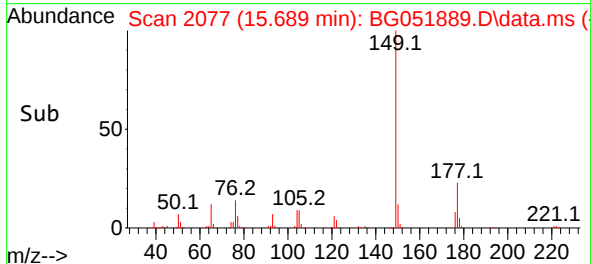
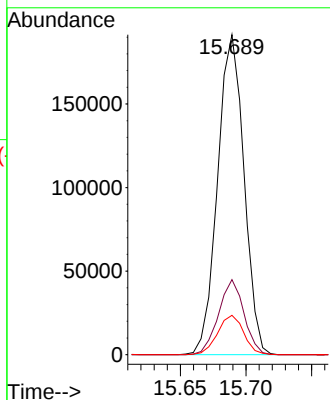
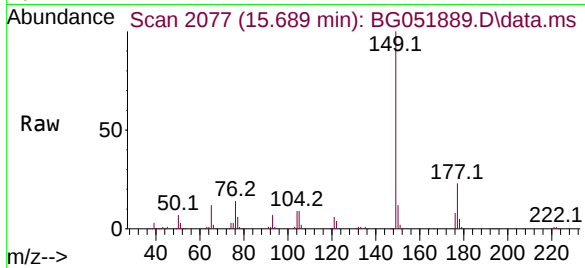




#59
Diethylphthalate
Concen: 40.724 ng/ul
RT: 15.689 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

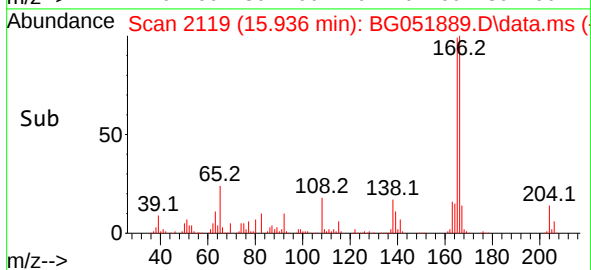
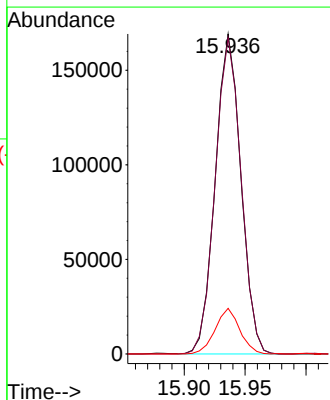
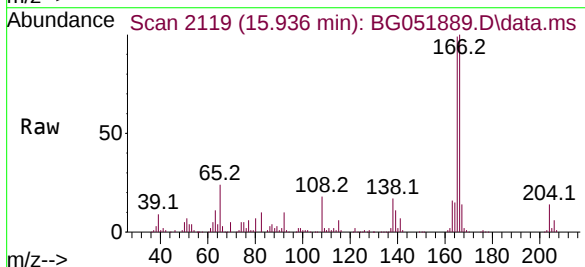
Instrument :
BNA_G
ClientSampleId :
SSTD040445

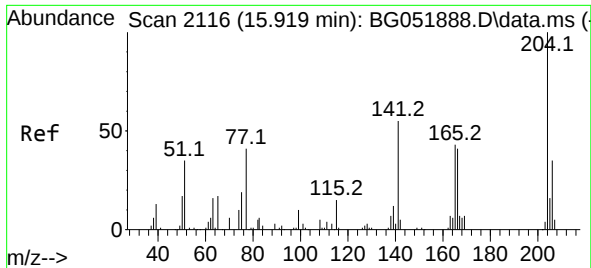
Tgt Ion:149 Resp: 267471
Ion Ratio Lower Upper
149 100
177 23.5 16.8 25.2
150 12.3 10.1 15.1



#61
Fluorene
Concen: 39.158 ng/ul
RT: 15.936 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:166 Resp: 247717
Ion Ratio Lower Upper
166 100
165 98.8 81.0 121.6
167 14.3 11.0 16.4

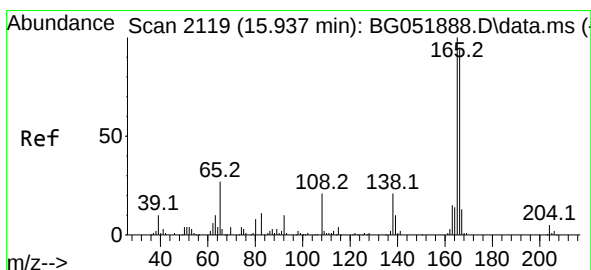
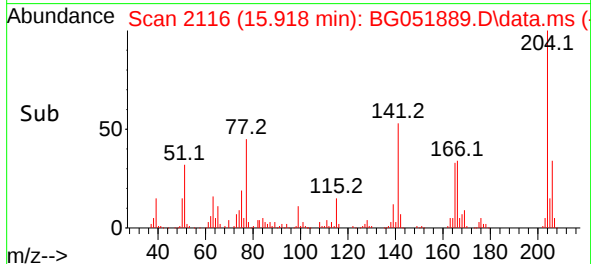
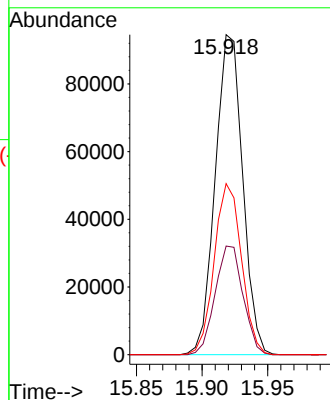
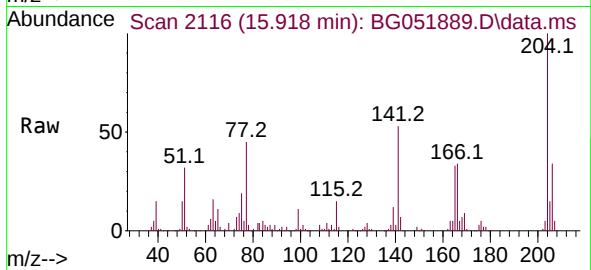




#62
4-Chlorophenyl-phenylether
Concen: 38.997 ng/ul
RT: 15.918 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

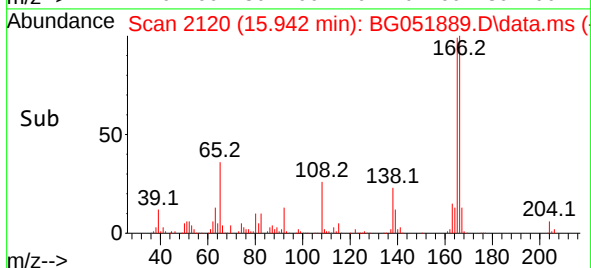
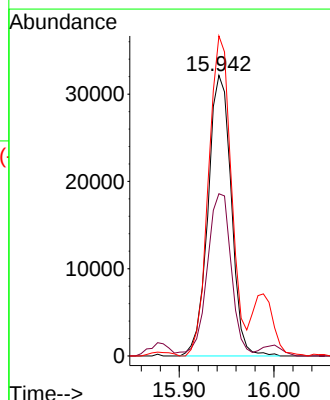
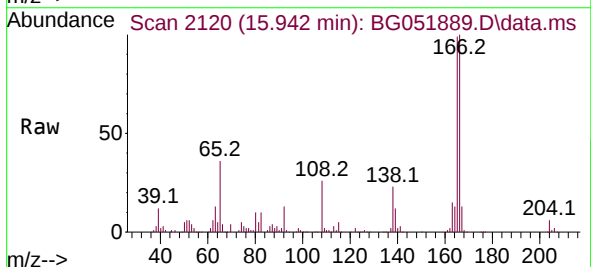
Instrument :
BNA_G
ClientSampleId :
SSTD040445

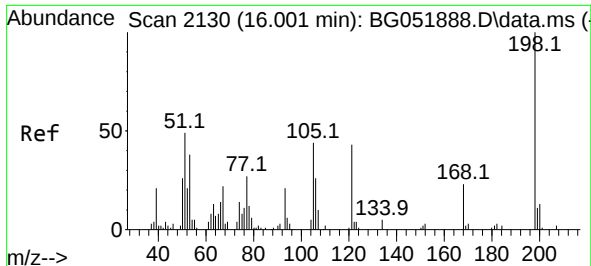
Tgt Ion:204 Resp: 137408
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 53.4 48.6 73.0



#63
4-Nitroaniline
Concen: 46.345 ng/ul
RT: 15.942 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:138 Resp: 54780
Ion Ratio Lower Upper
138 100
92 57.8 49.3 73.9
108 114.0 72.6 108.8#

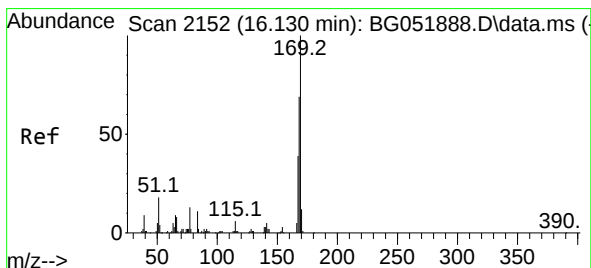
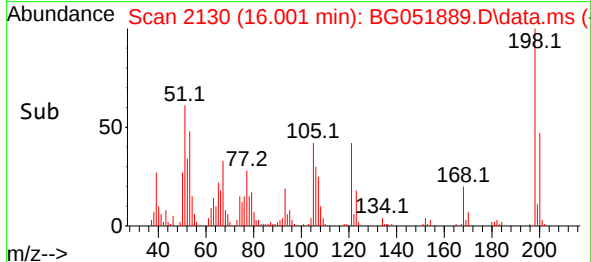
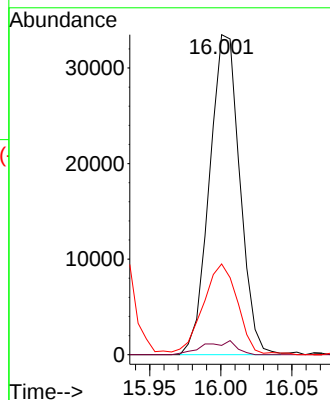
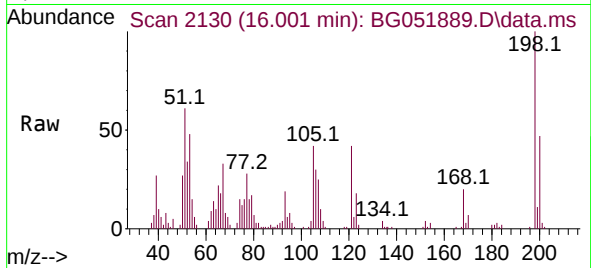




#66
4,6-Dinitro-2-methylphenol
Concen: 46.510 ng/ul
RT: 16.001 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

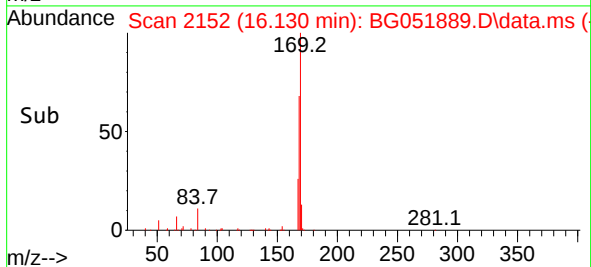
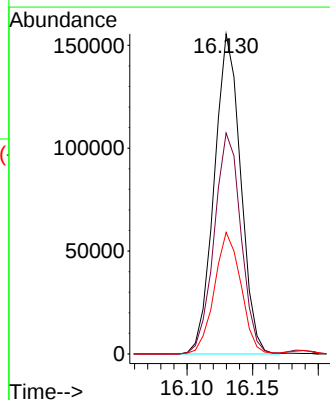
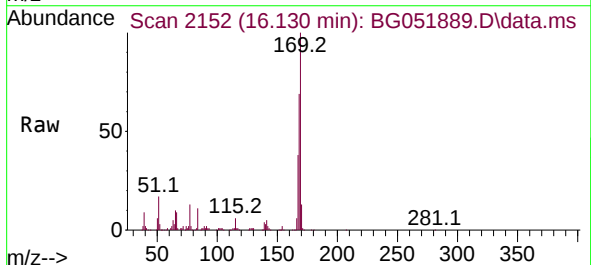
Instrument :
BNA_G
ClientSampleId :
SSTD040445

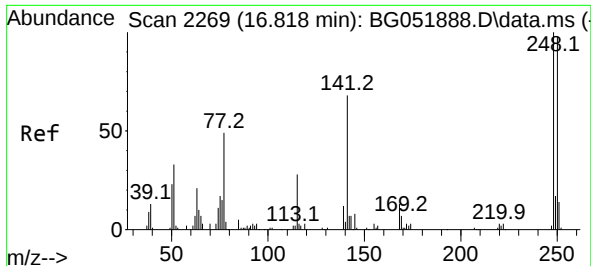
Tgt Ion:198 Resp: 49705
Ion Ratio Lower Upper
198 100
182 2.9 3.8 5.8#
77 28.3 23.2 34.8



#67
N-Nitrosodiphenylamine
Concen: 38.597 ng/ul
RT: 16.130 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:169 Resp: 216831
Ion Ratio Lower Upper
169 100
168 69.0 58.5 87.7
167 38.0 31.3 46.9

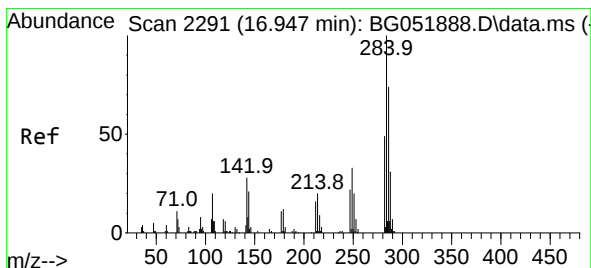
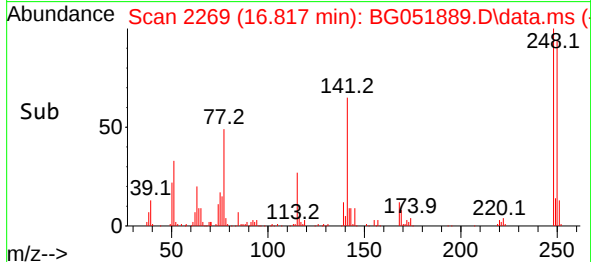
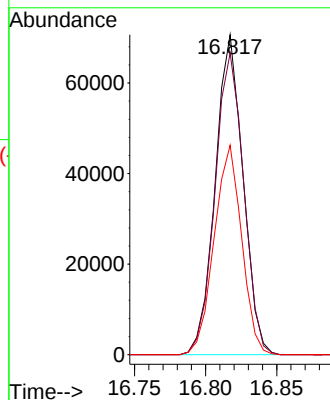
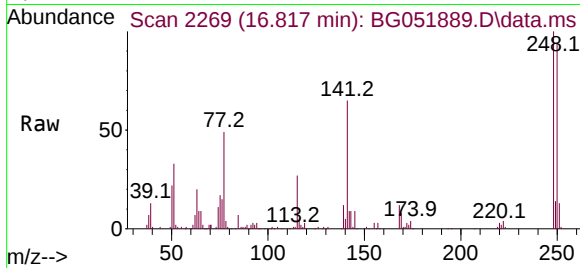




#68
4-Bromophenyl-phenylether
Concen: 45.224 ng/ul
RT: 16.817 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

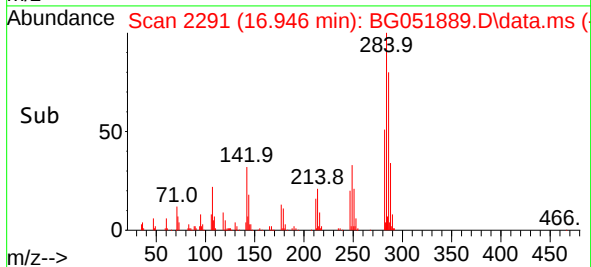
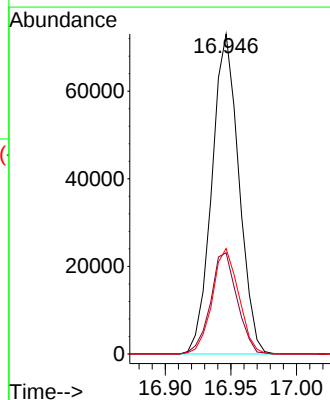
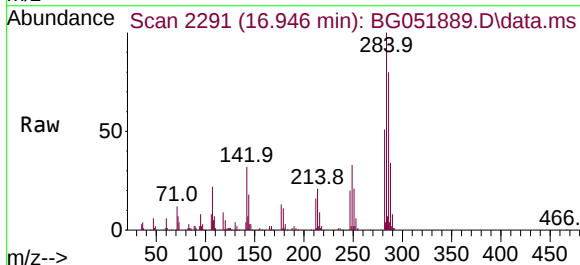
Instrument :
BNA_G
ClientSampleId :
SSTD040445

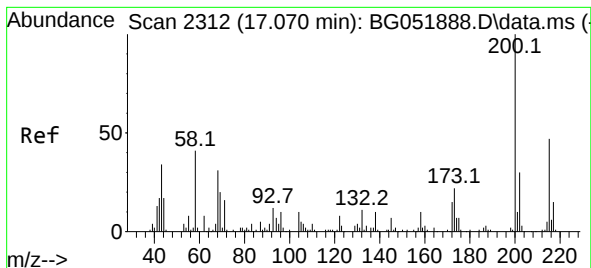
Tgt Ion:248 Resp: 96195
Ion Ratio Lower Upper
248 100
250 94.3 75.5 113.3
141 65.5 67.6 101.4#



#69
Hexachlorobenzene
Concen: 39.062 ng/ul
RT: 16.946 min Scan# 2291
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:284 Resp: 104409
Ion Ratio Lower Upper
284 100
142 31.6 31.9 47.9#
249 33.0 25.8 38.6





#70

Atrazine

Concen: 41.403 ng/ul

RT: 17.076 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

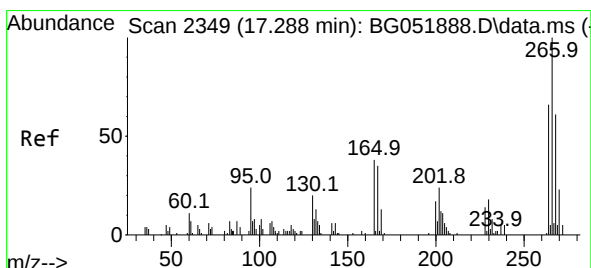
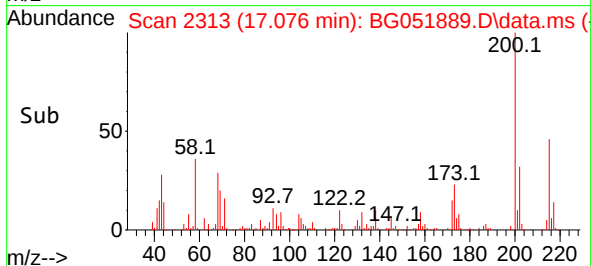
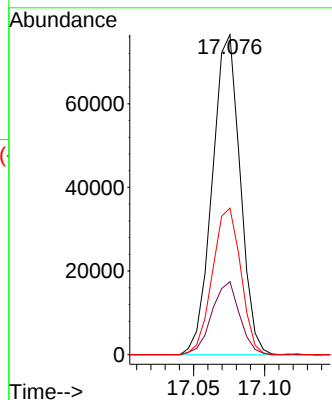
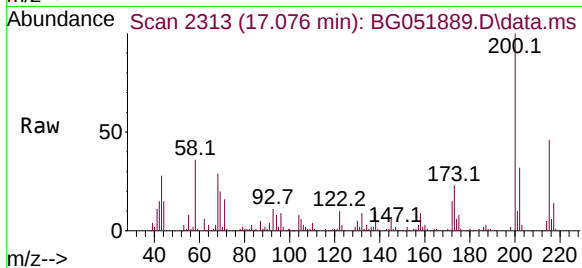
Tgt Ion:200 Resp: 104370

Ion Ratio Lower Upper

200 100

173 22.8 20.2 30.2

215 45.8 38.1 57.1



#71

Pentachlorophenol

Concen: 36.495 ng/ul

RT: 17.287 min Scan# 2349

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

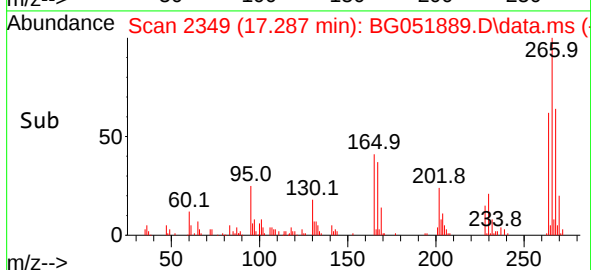
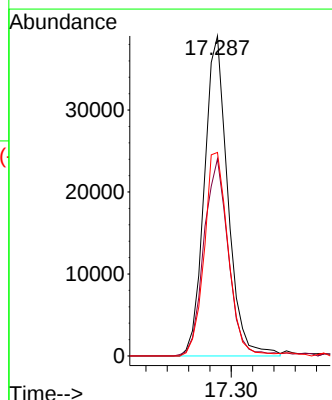
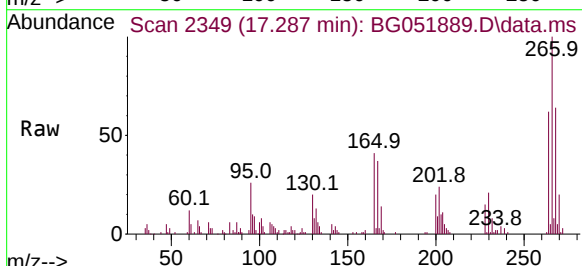
Tgt Ion:266 Resp: 59768

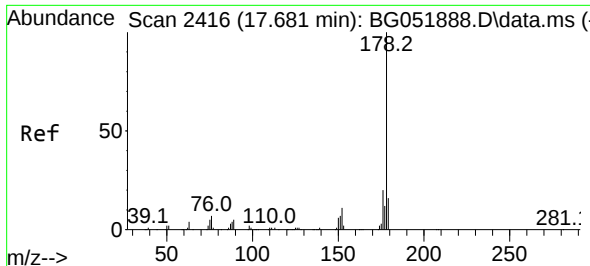
Ion Ratio Lower Upper

266 100

264 61.6 54.3 81.5

268 63.6 51.0 76.6

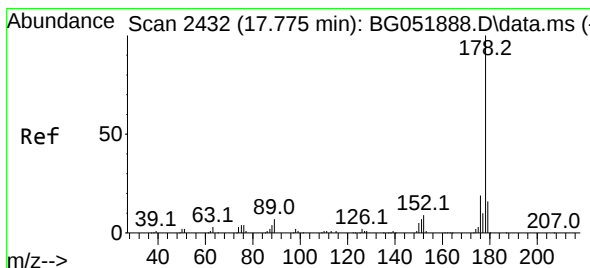
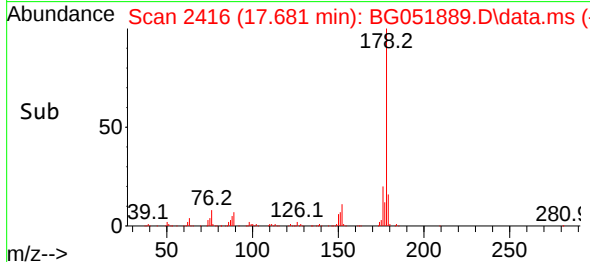
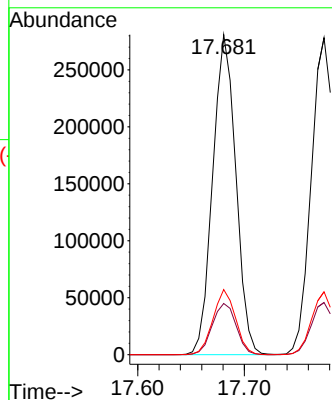
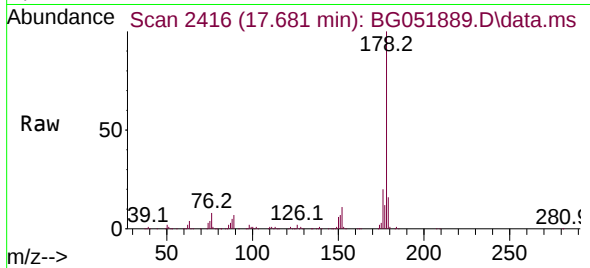




#72
Phenanthrene
Concen: 39.376 ng/u1
RT: 17.681 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

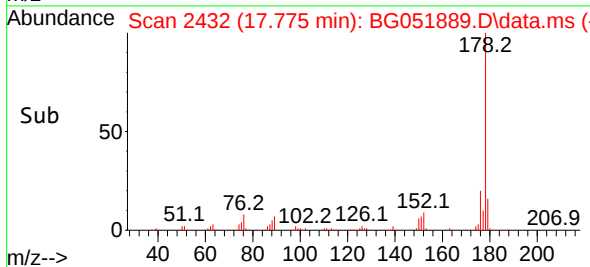
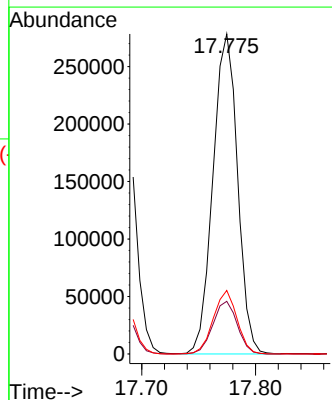
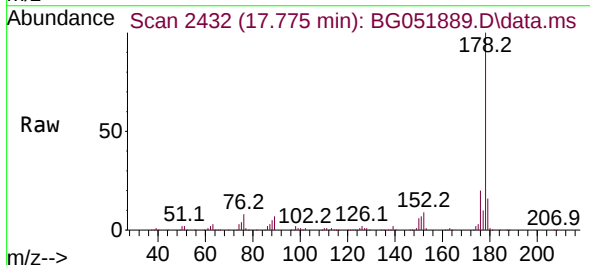
Instrument :
BNA_G
ClientSampleId :
SSTD040445

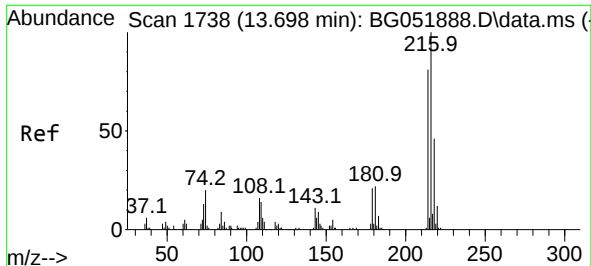
Tgt Ion:178 Resp: 423008
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.4 15.5 23.3



#74
Anthracene
Concen: 38.591 ng/u1
RT: 17.775 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:178 Resp: 418819
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.8 15.6 23.4

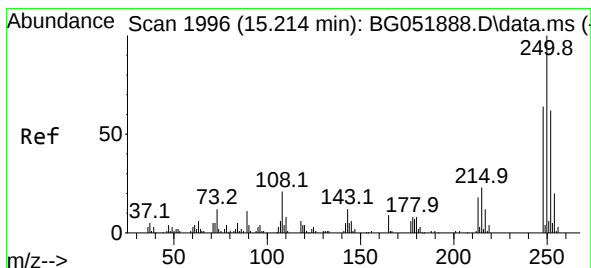
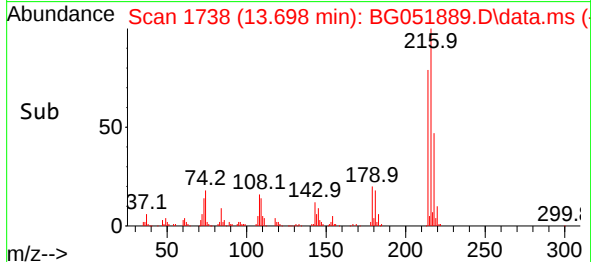
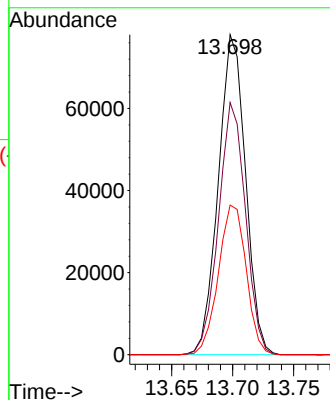
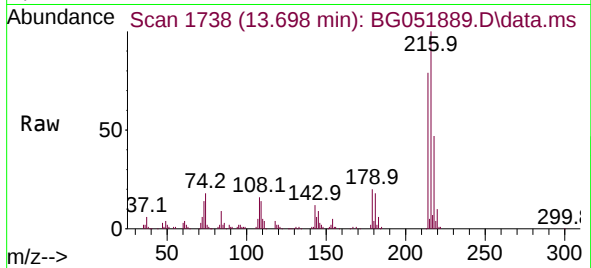




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.760 ng/uL
RT: 13.698 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

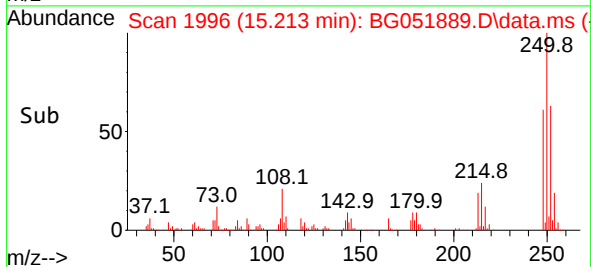
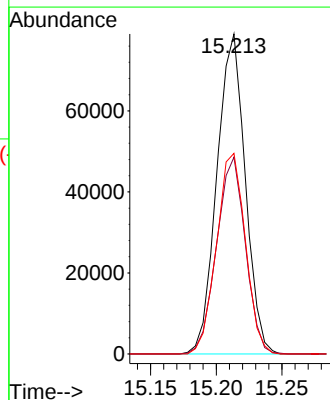
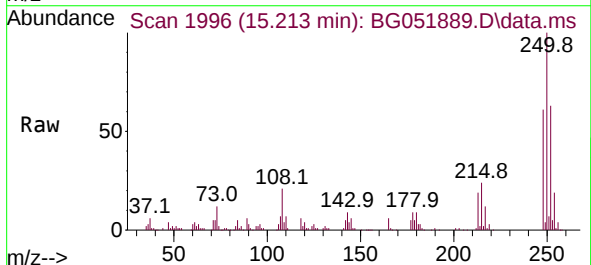
Instrument :
BNA_G
ClientSampleId :
SSTD040445

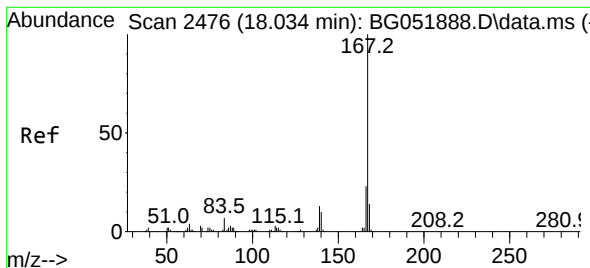
Tgt Ion:216 Resp: 121331
Ion Ratio Lower Upper
216 100
214 78.8 61.3 91.9
218 46.8 37.0 55.6



#76
Pentachlorobenzene
Concen: 38.606 ng/uL
RT: 15.213 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:250 Resp: 118586
Ion Ratio Lower Upper
250 100
248 61.5 50.5 75.7
252 62.7 51.2 76.8





#77

Carbazole

Concen: 40.127 ng/ul

RT: 18.033 min Scan# 2476

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

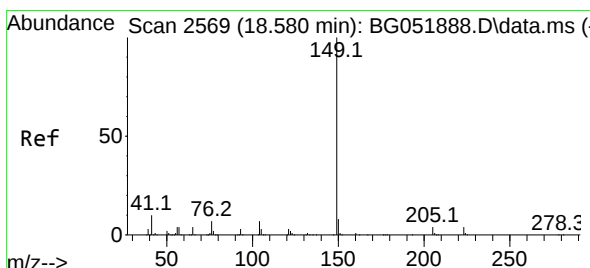
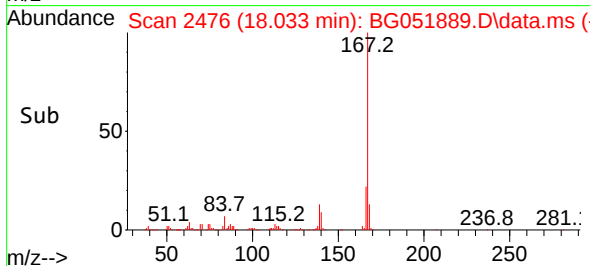
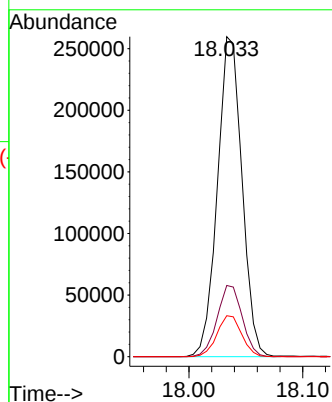
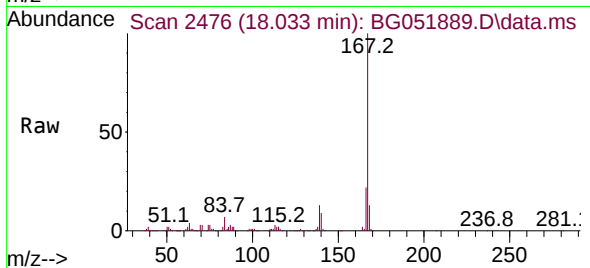
Tgt Ion:167 Resp: 389968

Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

139 12.8 10.6 16.0



#78

Di-n-butylphthalate

Concen: 39.473 ng/ul

RT: 18.579 min Scan# 2569

Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

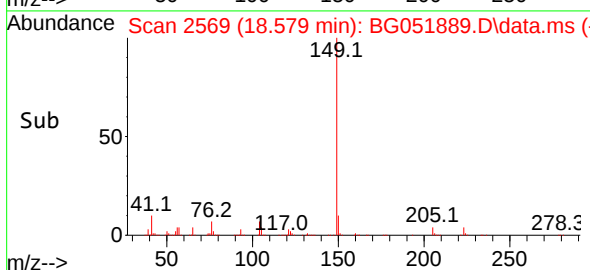
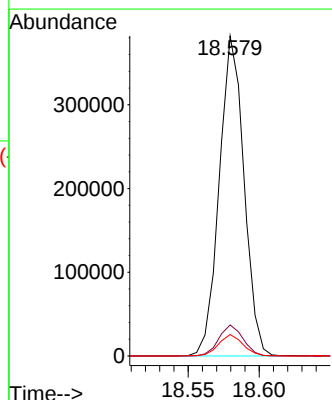
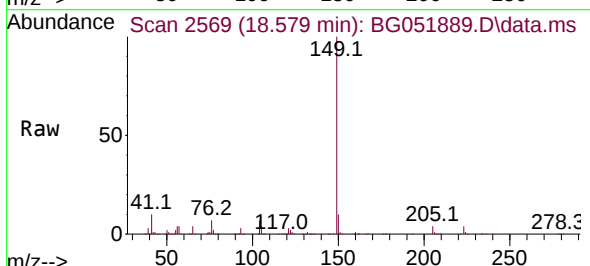
Tgt Ion:149 Resp: 461654

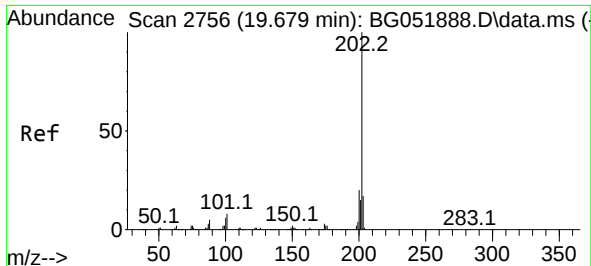
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 6.7 5.0 7.6

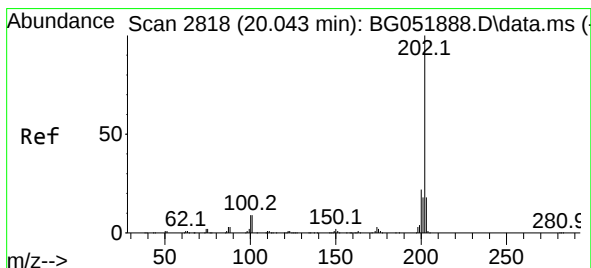
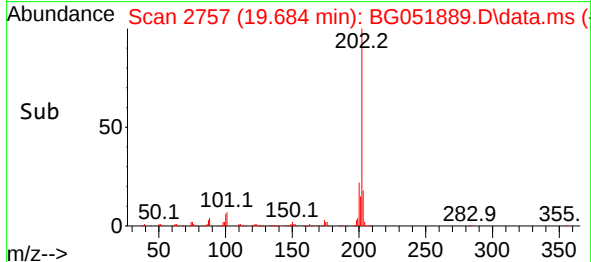
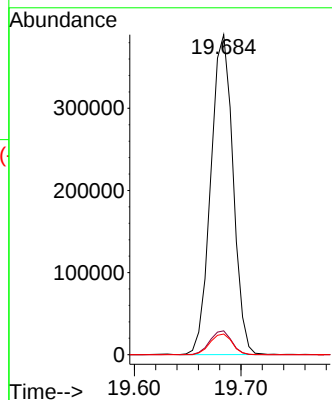
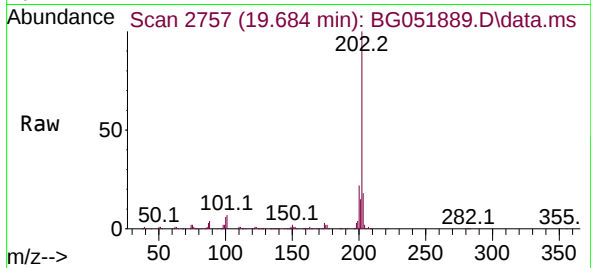




#80
Fluoranthene
Concen: 38.333 ng/ul
RT: 19.684 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

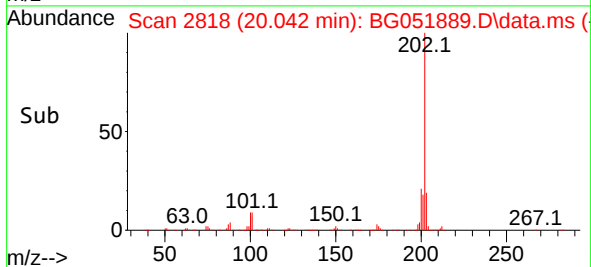
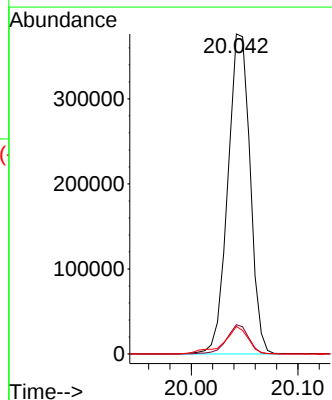
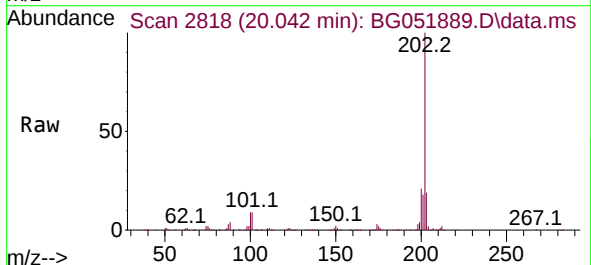
Instrument :
BNA_G
ClientSampleId :
SSTD040445

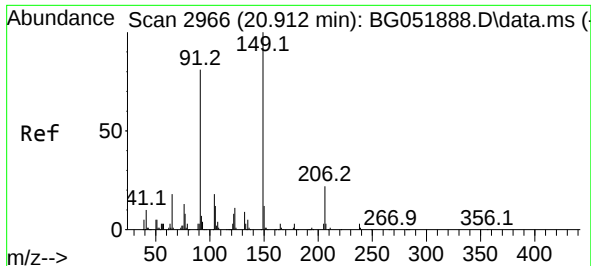
Tgt Ion:202 Resp: 563932
Ion Ratio Lower Upper
202 100
101 7.5 9.3 13.9#
100 6.4 7.0 10.6#



#82
Pyrene
Concen: 37.571 ng/ul
RT: 20.042 min Scan# 2818
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:202 Resp: 546987
Ion Ratio Lower Upper
202 100
101 9.1 10.7 16.1#
100 8.6 9.0 13.6#

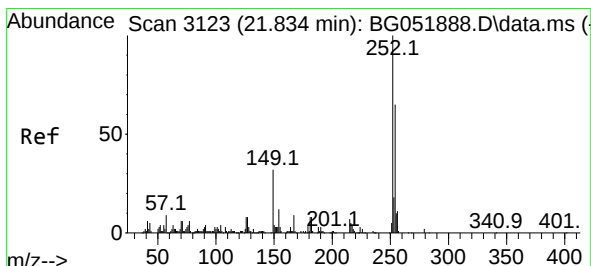
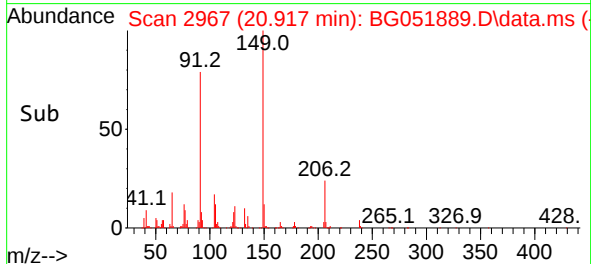
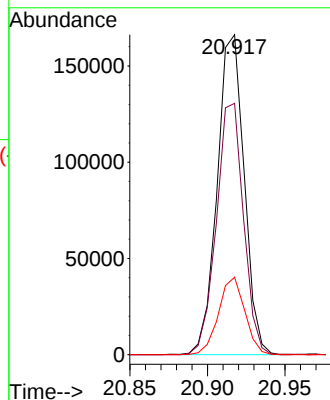
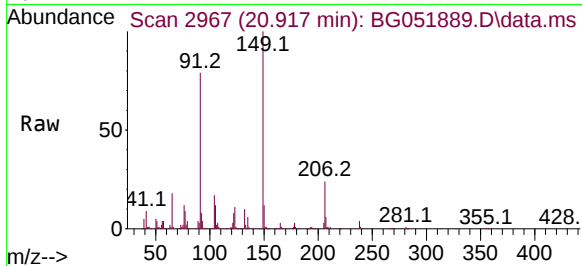




#83
Butylbenzylphthalate
Concen: 41.192 ng/ul
RT: 20.917 min Scan# 2966
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

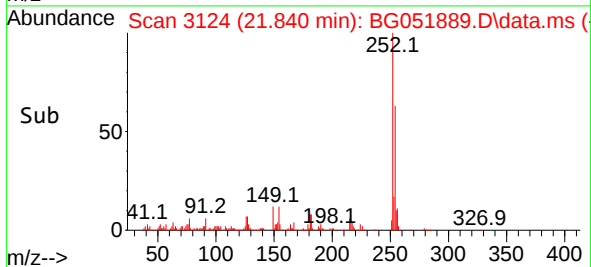
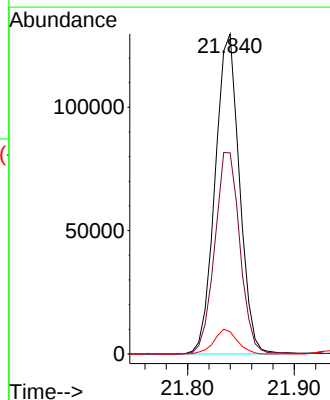
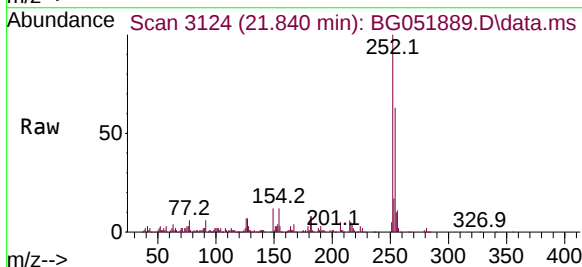
Instrument :
BNA_G
ClientSampleId :
SSTD040445

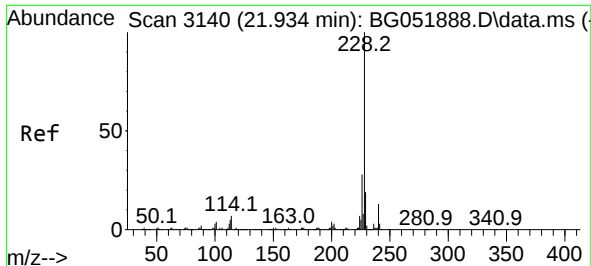
Tgt Ion:149 Resp: 201117
Ion Ratio Lower Upper
149 100
91 78.6 65.2 97.8
206 24.2 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 40.917 ng/ul
RT: 21.840 min Scan# 3124
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:252 Resp: 205355
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 7.0 9.0 13.4#

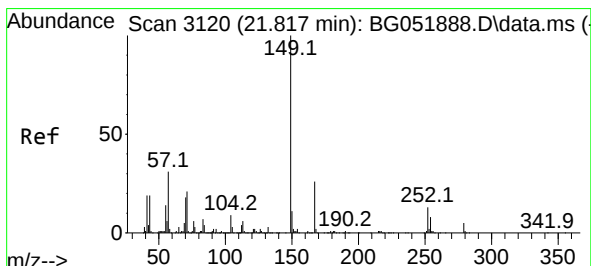
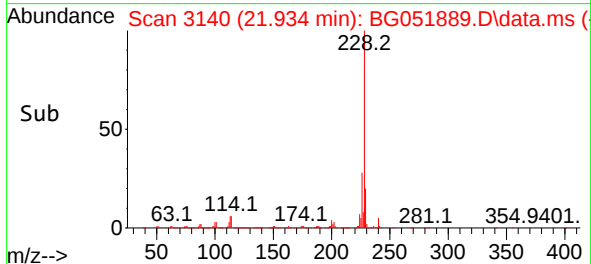
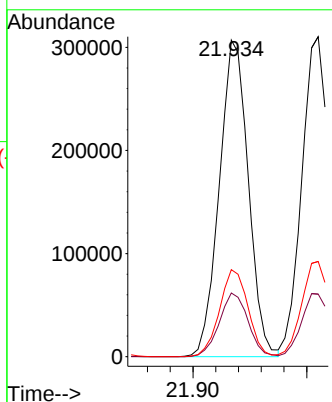
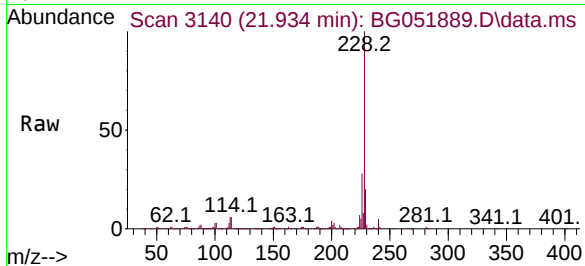




#85
Benzo(a)anthracene
Concen: 39.302 ng/ul
RT: 21.934 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

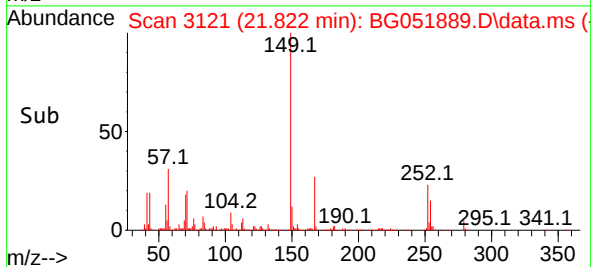
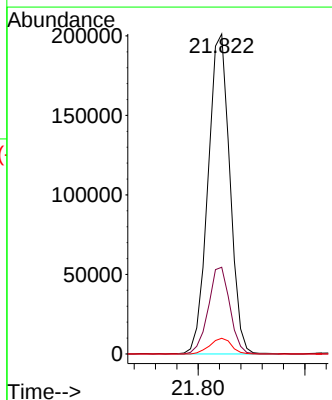
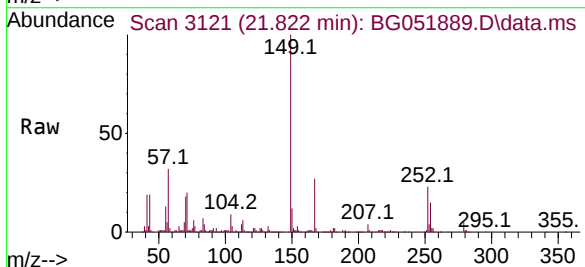
Instrument :
BNA_G
ClientSampleId :
SSTD040445

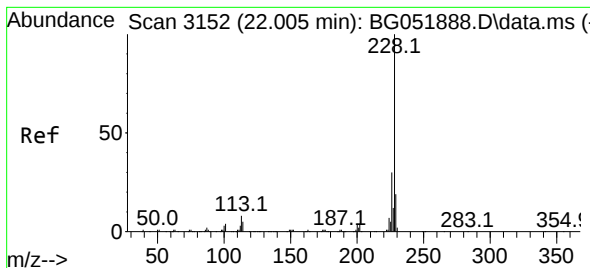
Tgt Ion:228 Resp: 544523
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.5 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 41.637 ng/ul
RT: 21.822 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:149 Resp: 284755
Ion Ratio Lower Upper
149 100
167 27.1 21.1 31.7
279 4.9 2.7 4.1#





#87

Chrysene

Concen: 39.055 ng/ul

RT: 22.010 min Scan# 3152

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

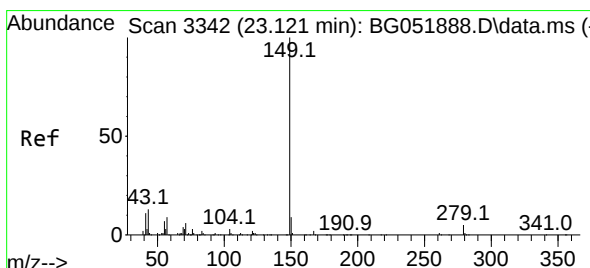
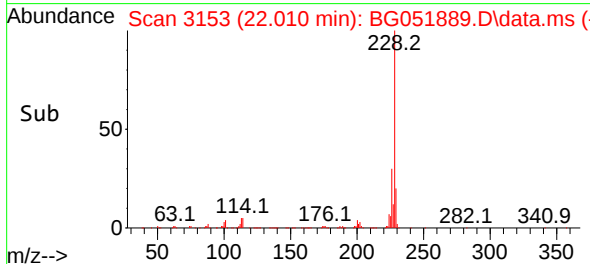
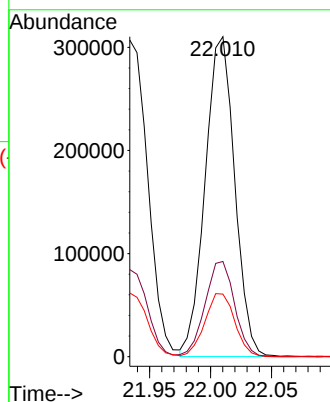
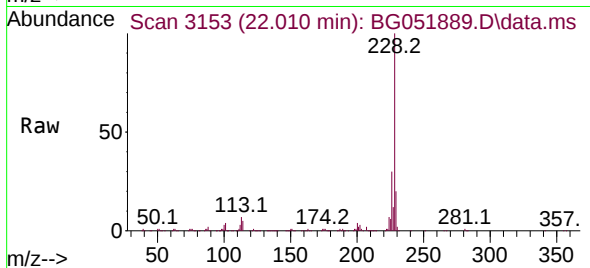
Tgt Ion:228 Resp: 522747

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

229 19.5 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 40.159 ng/ul

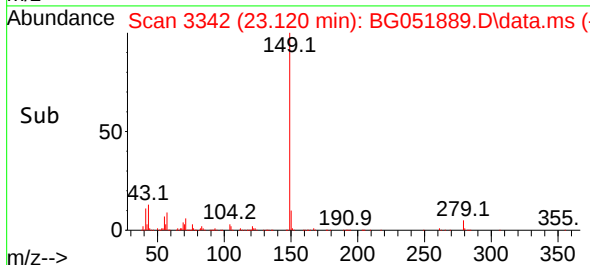
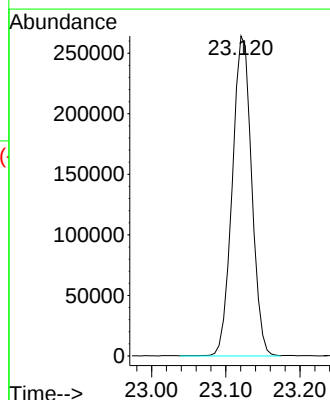
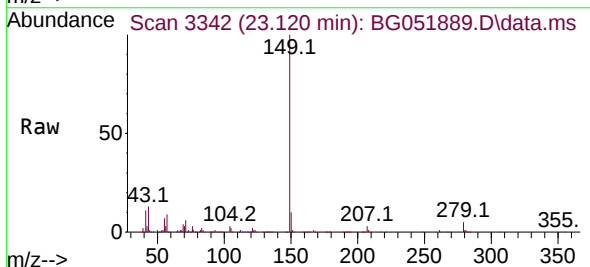
RT: 23.120 min Scan# 3342

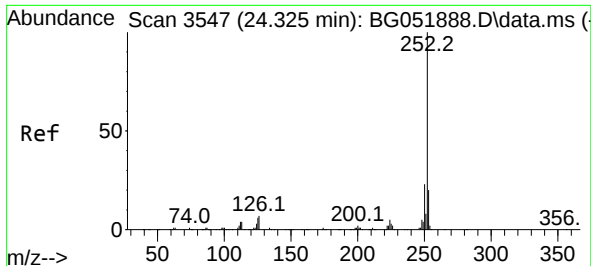
Delta R.T. -0.001 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Tgt Ion:149 Resp: 479345

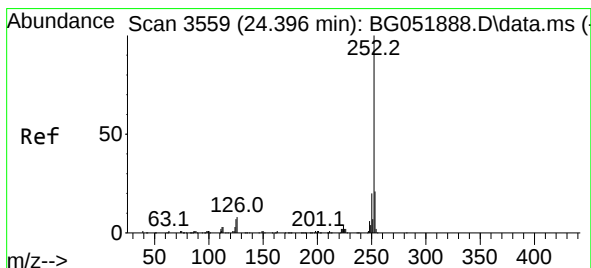
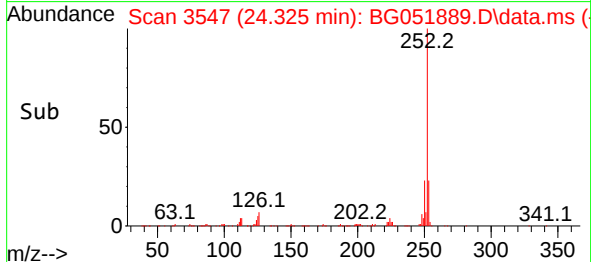
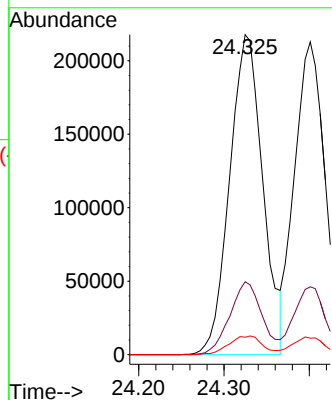
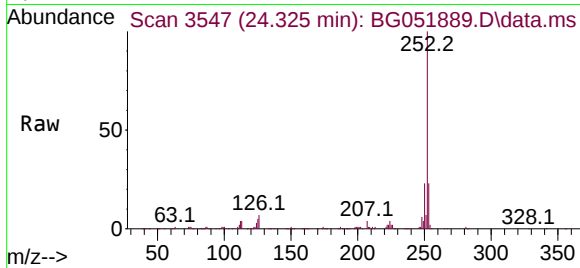




#90
Benzo(b)fluoranthene
Concen: 39.592 ng/ul
RT: 24.325 min Scan# 3547
Delta R.T. -0.001 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

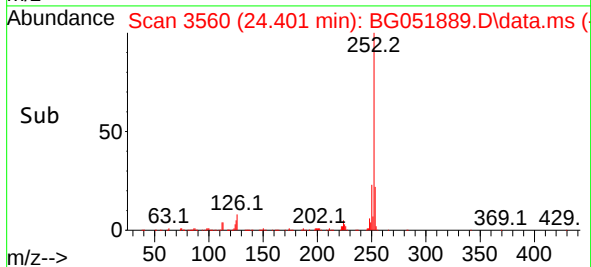
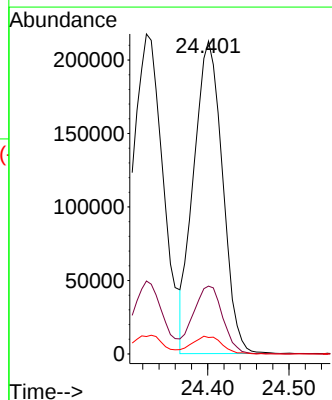
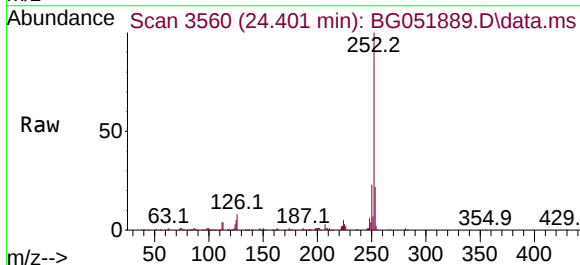
Instrument :
BNA_G
ClientSampleId :
SSTD040445

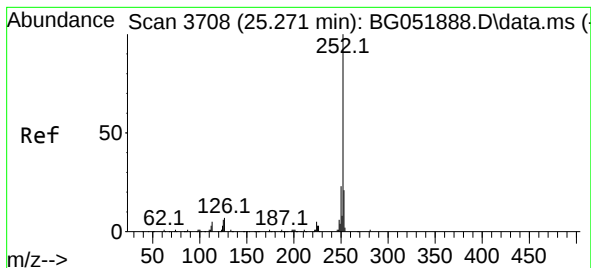
Tgt Ion:252 Resp: 587697
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 5.4 8.5 12.7#



#91
Benzo(k)fluoranthene
Concen: 37.743 ng/ul
RT: 24.401 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:252 Resp: 524643
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 5.3 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 38.670 ng/u1

RT: 25.282 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

Instrument :

BNA_G

ClientSampleId :

SSTD040445

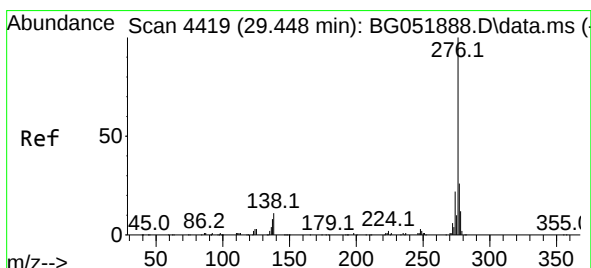
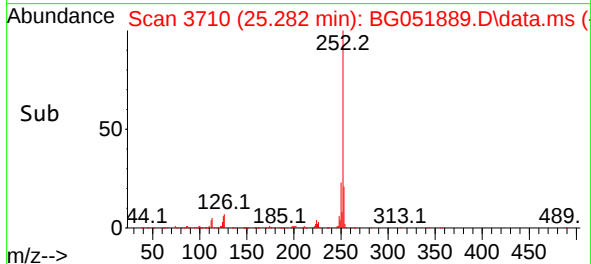
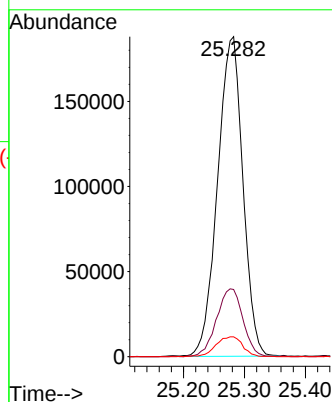
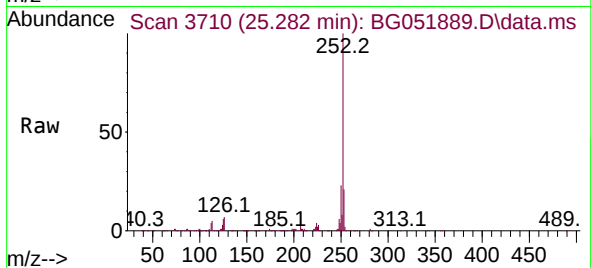
Tgt Ion:252 Resp: 541718

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 6.2 9.1 13.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.566 ng/u1

RT: 29.453 min Scan# 4420

Delta R.T. 0.005 min

Lab File: BG051889.D

Acq: 6 Jan 2022 12:11

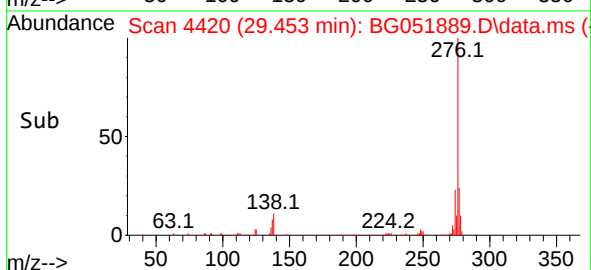
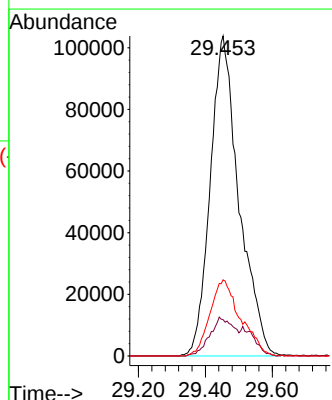
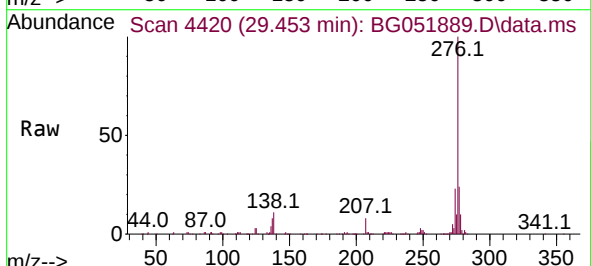
Tgt Ion:276 Resp: 620424

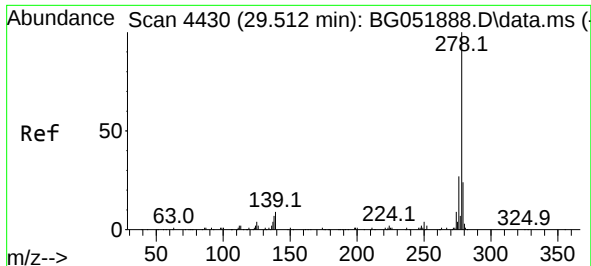
Ion Ratio Lower Upper

276 100

138 11.3 15.5 23.3#

277 23.8 20.5 30.7

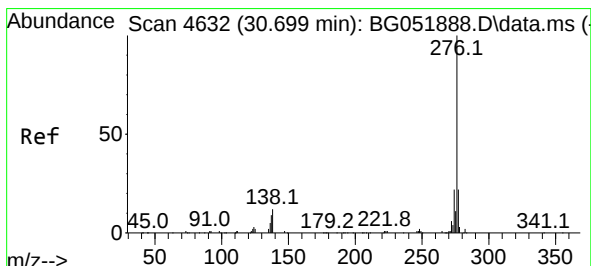
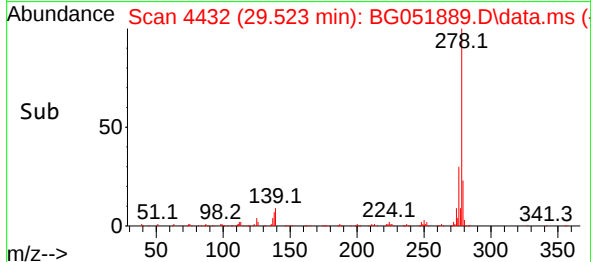
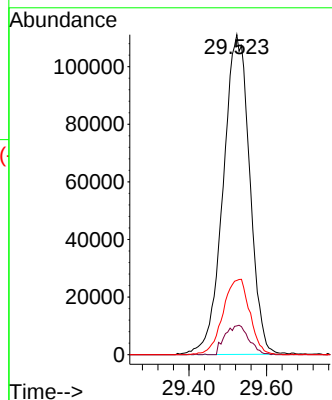
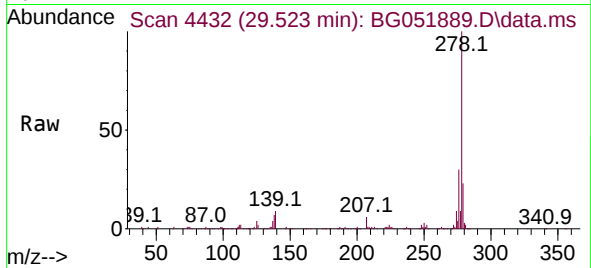




#95
Dibenzo(a,h)anthracene
Concen: 40.307 ng/ul
RT: 29.523 min Scan# 4430
Delta R.T. 0.011 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Instrument :
BNA_G
ClientSampleId :
SSTD040445

Tgt Ion:278 Resp: 526508
Ion Ratio Lower Upper
278 100
139 9.0 12.2 18.4#
279 23.2 19.5 29.3



#96
Benzo(g,h,i)perylene
Concen: 40.318 ng/ul
RT: 30.704 min Scan# 4633
Delta R.T. 0.005 min
Lab File: BG051889.D
Acq: 6 Jan 2022 12:11

Tgt Ion:276 Resp: 522551
Ion Ratio Lower Upper
276 100
138 11.9 16.6 24.8#
277 24.1 17.6 26.4

