

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050733.D
 Acq On : 26 Oct 2021 16:13
 Operator : CG/JU
 Sample : SSTD04050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040401

Quant Time: Oct 26 16:59:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 15:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	31652	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	136421	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.874	164	91159	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.624	188	205386	20.000	ng/u1	0.00
79) Chrysene-d12	21.930	240	174954	20.000	ng/u1	0.00
88) Perylene-d12	25.361	264	171005	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	15115	17.545	ng/uL	0.00
4) Pyridine-d5	4.028	84	112569	43.849	ng/u1	0.00
7) Phenol-d5	7.394	99	129079	46.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.565	67	82256	47.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	93238	48.119	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	101122	48.311	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	46959	49.205	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	53749	52.477	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	94793	46.868	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	140240	48.537	ng/u1	0.00
46) Dimethylphthalate-d6	14.269	166	288122	46.183	ng/u1	0.00
49) Acenaphthylene-d8	14.574	160	356923	45.556	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	53378	44.423	ng/u1	0.00
60) Fluorene-d10	15.867	176	252403	44.905	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	53732	52.452	ng/u1	0.00
73) Anthracene-d10	17.723	188	390592	45.016	ng/u1	0.00
81) Pyrene-d10	19.997	212	435721	46.837	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.126	264	395053	45.943	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	17168	16.471	ng/uL	90
5) Pyridine	4.051	79	115423	44.386	ng/u1	98
6) Benzaldehyde	7.383	77	37586	20.608	ng/u1	92
8) Phenol	7.418	94	135673	47.865	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.659	93	100638	47.334	ng/u1	94
12) 2-Chlorophenol	7.811	128	91587	46.199	ng/u1	94
13) 2-Methylphenol	8.687	108	99966	47.856	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.769	45	160429	50.292	ng/u1	98
16) Acetophenone	9.081	105	157080	47.232	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.057	70	95662	47.863	ng/u1	97
18) 4-Methylphenol	9.016	108	105300	47.599	ng/u1	98
19) Hexachloroethane	9.345	117	39700	46.595	ng/u1	96
22) Nitrobenzene	9.468	77	136339	47.667	ng/u1	99
23) Isophorone	9.985	82	261380	47.551	ng/u1	99
25) 2-Nitrophenol	10.179	139	55042	52.286	ng/u1	94
26) 2,4-Dimethylphenol	10.226	107	122741	46.971	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.467	93	141448	47.663	ng/u1	98
29) 2,4-Dichlorophenol	10.720	162	91698	45.794	ng/u1	99
30) Naphthalene	11.131	128	311909	44.534	ng/u1	98
32) 4-Chloroaniline	11.231	127	139508	47.959	ng/u1	96
33) Hexachlorobutadiene	11.401	225	60529	41.596	ng/u1	95
34) Caprolactam	11.995	113	20847	26.947	ng/u1	92
35) 4-Chloro-3-methylphenol	12.336	107	113921	48.255	ng/u1	98
36) 2-Methylnaphthalene	12.717	142	210380	44.181	ng/u1	97

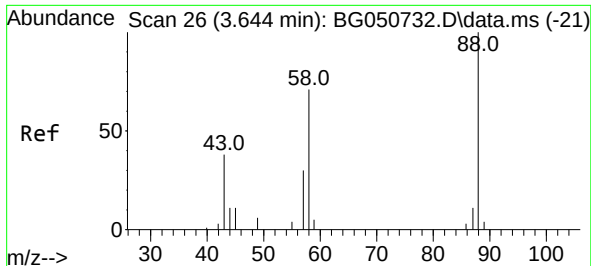
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.935	142	213592	44.556	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.076	216	113362	43.092	ng/ul#	97
40) Hexachlorocyclopentadiene	13.052	237	59180	33.922	ng/ul	93
41) 2,4,6-Trichlorophenol	13.311	196	76759	46.293	ng/ul	97
42) 2,4,5-Trichlorophenol	13.387	196	80312	44.278	ng/ul	98
43) 1,1'-Biphenyl	13.710	154	280249	45.683	ng/ul	97
44) 2-Chloronaphthalene	13.757	162	218188	45.398	ng/ul	99
45) 2-Nitroaniline	13.957	65	90179	57.312	ng/ul	95
47) Dimethylphthalate	14.316	163	289243	46.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	62902	53.273	ng/ul	97
50) Acenaphthylene	14.604	152	362277	45.585	ng/ul	99
51) 3-Nitroaniline	14.780	138	49172	38.285	ng/ul	88
52) Acenaphthene	14.938	153	241255	45.931	ng/ul	98
53) 2,4-Dinitrophenol	14.985	184	34070	46.292	ng/ul#	88
55) 4-Nitrophenol	15.079	109	51426	43.281	ng/ul	94
56) Dibenzofuran	15.273	168	337112	44.129	ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	89977	52.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.497	232	64090	41.090	ng/ul	89
59) Diethylphthalate	15.673	149	315956	48.240	ng/ul	98
61) Fluorene	15.920	166	266185	43.798	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.902	204	142605	43.326	ng/ul	95
63) 4-Nitroaniline	15.937	138	42018	32.395	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.996	198	51256	50.617	ng/ul	99
67) N-Nitrosodiphenylamine	16.119	169	239522	46.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.801	248	86254	45.107	ng/ul	94
69) Hexachlorobenzene	16.924	284	87772	43.590	ng/ul	97
70) Atrazine	17.059	200	103487	46.804	ng/ul	95
71) Pentachlorophenol	17.271	266	46170	35.012	ng/ul	96
72) Phenanthrene	17.665	178	458038	44.677	ng/ul	99
74) Anthracene	17.759	178	451901	44.507	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.681	216	121733	44.957	ng/ul	98
76) Pentachlorobenzene	15.191	250	112210	45.360	ng/ul	99
77) Carbazole	18.023	167	427410	47.030	ng/ul	98
78) Di-n-butylphthalate	18.558	149	546645	50.759	ng/ul	100
80) Fluoranthene	19.668	202	559538	47.895	ng/ul	97
82) Pyrene	20.027	202	533281	46.290	ng/ul	96
83) Butylbenzylphthalate	20.896	149	230458	54.272	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	165870	45.998	ng/ul	97
85) Benzo(a)anthracene	21.913	228	486113	46.089	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.783	149	328834	53.890	ng/ul	99
87) Chrysene	21.983	228	458077	45.319	ng/ul	99
89) Di-n-octyl phthalate	23.064	149	556695	56.655	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	479447	46.030	ng/ul	99
91) Benzo(k)fluoranthene	24.339	252	456931	47.144	ng/ul	99
93) Benzo(a)pyrene	25.203	252	462425	46.530	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.304	276	518741	46.490	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.374	278	443201	46.675	ng/ul	98
96) Benzo(g,h,i)perylene	30.544	276	431638	45.890	ng/ul	98

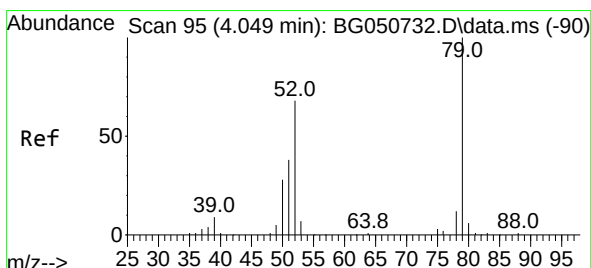
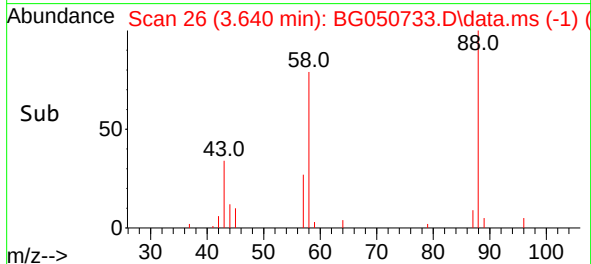
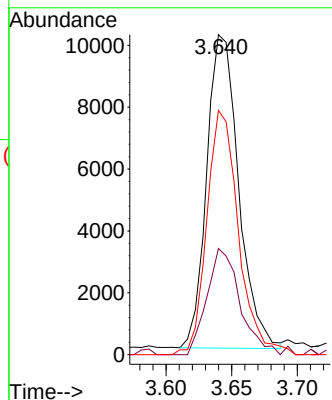
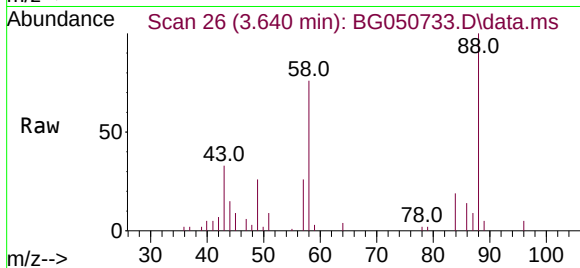
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 16.471 ng/uL
RT: 3.640 min Scan# 26
Delta R.T. -0.004 min
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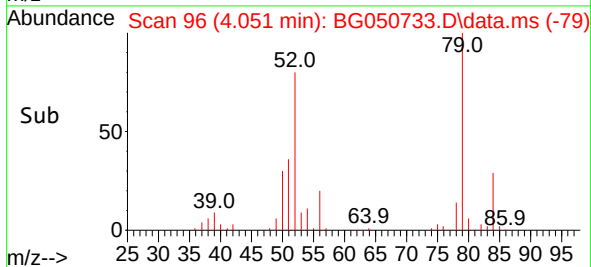
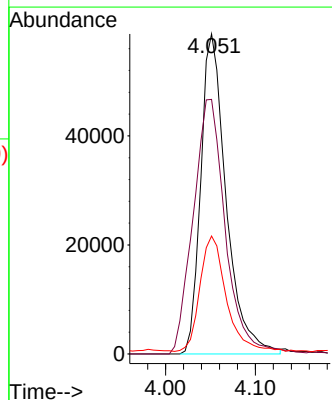
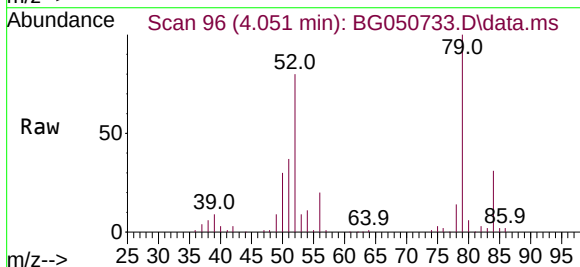
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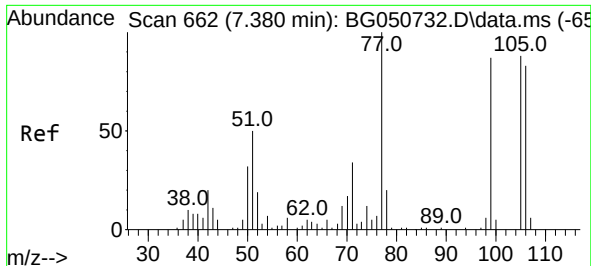
Tgt Ion:	88	Resp:	17168
Ion	Ratio	Lower	Upper
88	100		
43	33.2	23.8	35.8
58	76.3	53.7	80.5



#5
Pyridine
Concen: 44.386 ng/uL
RT: 4.051 min Scan# 96
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:	79	Resp:	115423
Ion	Ratio	Lower	Upper
79	100		
52	79.5	61.8	92.8
51	36.9	30.6	45.8

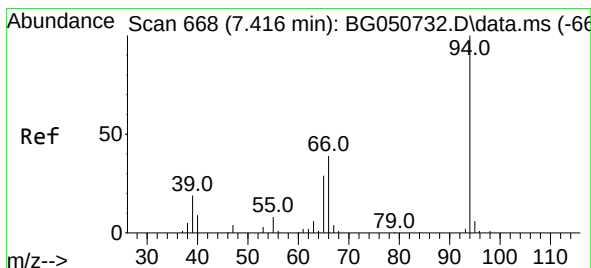
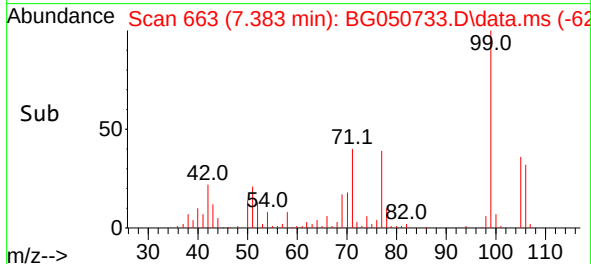
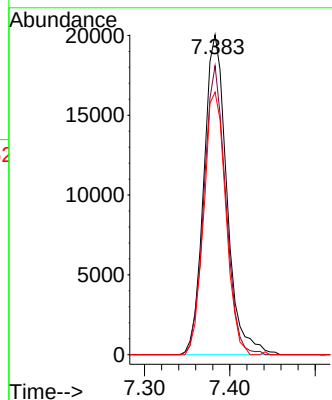
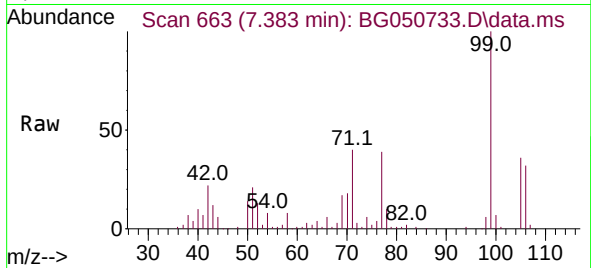




#6
Benzaldehyde
Concen: 20.608 ng/ul
RT: 7.383 min Scan# 663
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

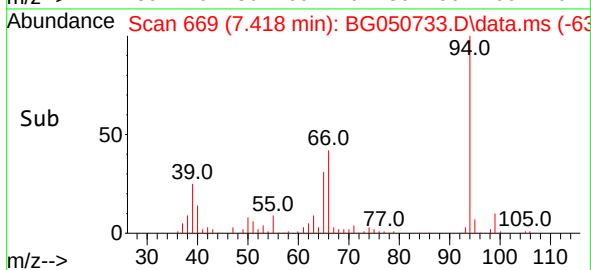
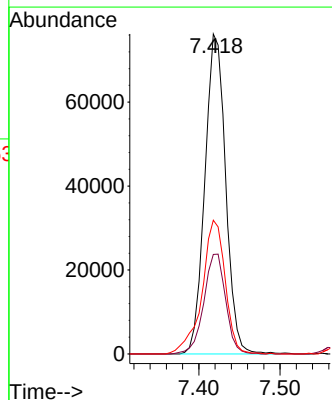
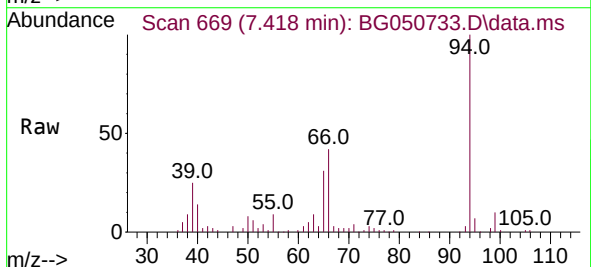
Instrument :
BNA_G
ClientSampleId :
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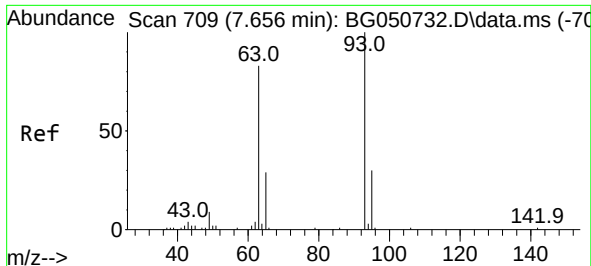
Tgt Ion: 77 Resp: 37586
Ion Ratio Lower Upper
77 100
105 90.3 64.2 96.4
106 82.0 62.1 93.1



#8
Phenol
Concen: 47.865 ng/ul
RT: 7.418 min Scan# 669
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion: 94 Resp: 135673
Ion Ratio Lower Upper
94 100
65 31.1 25.3 37.9
66 41.8 34.9 52.3

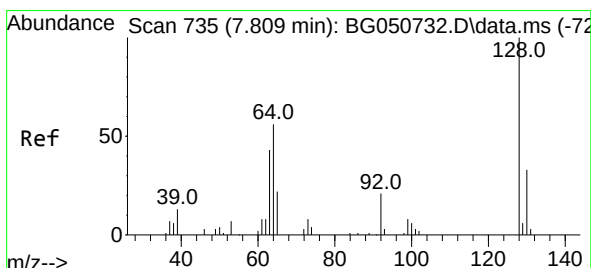
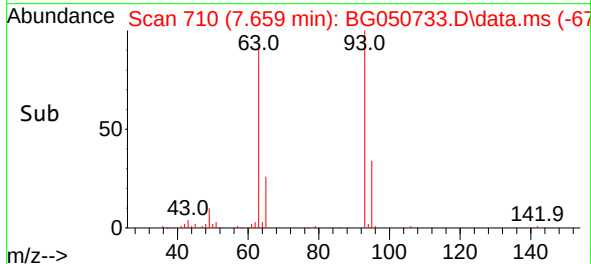
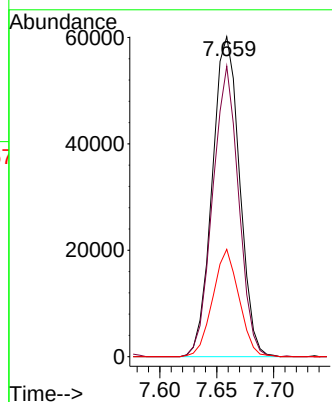
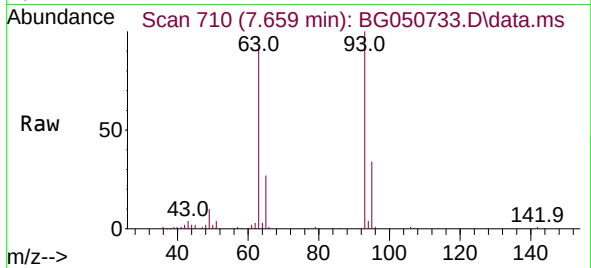




#10
 Bis(2-Chloroethyl)ether
 Concen: 47.334 ng/ul
 RT: 7.659 min Scan# 710
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

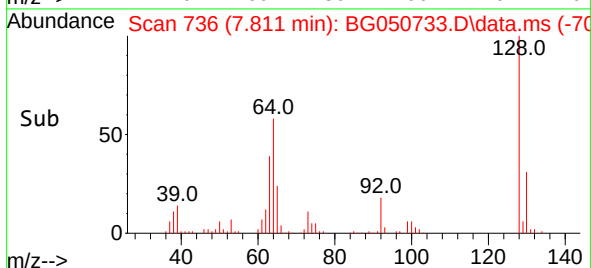
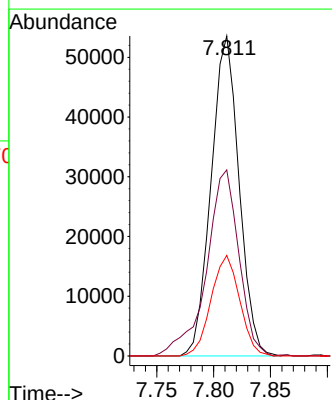
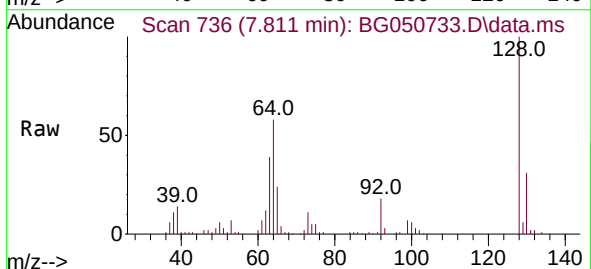
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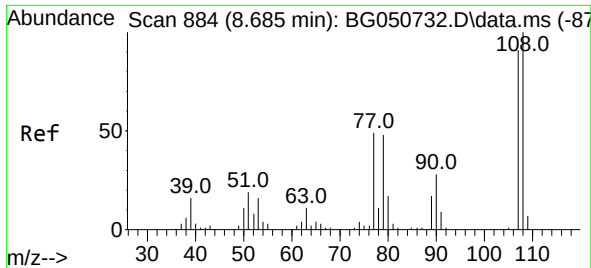
Tgt Ion: 93	Resp: 100638
Ion Ratio	Lower Upper
93 100	
63 90.8	66.9 100.3
95 33.6	26.1 39.1



#12
 2-Chlorophenol
 Concen: 46.199 ng/ul
 RT: 7.811 min Scan# 736
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

Tgt Ion: 128	Resp: 91587
Ion Ratio	Lower Upper
128 100	
64 58.2	43.2 64.8
130 31.4	22.4 33.6

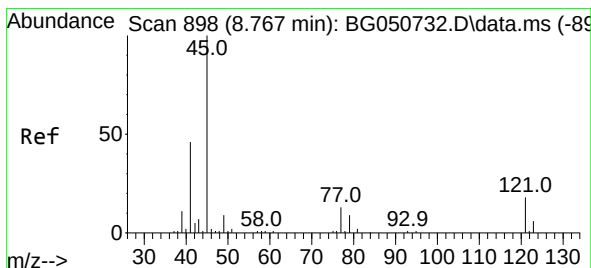
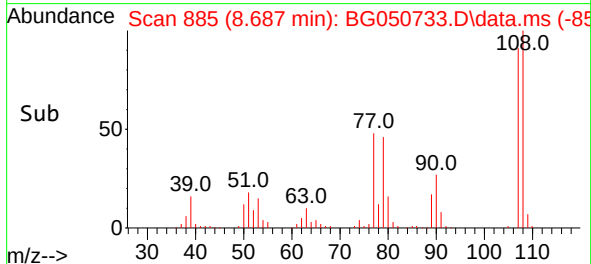
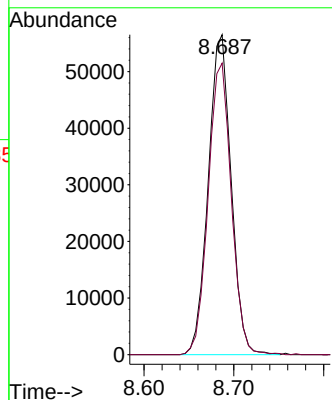
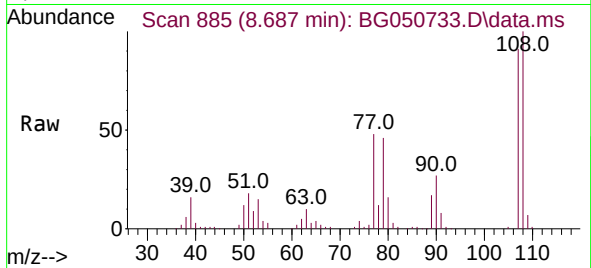




#13
2-Methylphenol
Concen: 47.856 ng/ul
RT: 8.687 min Scan# 885
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

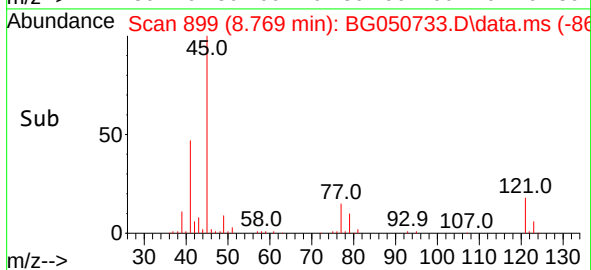
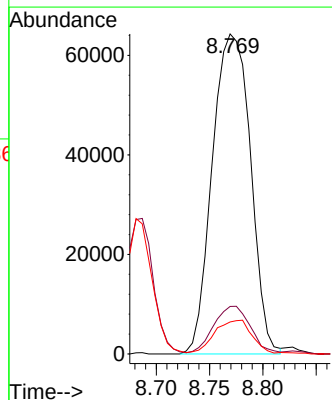
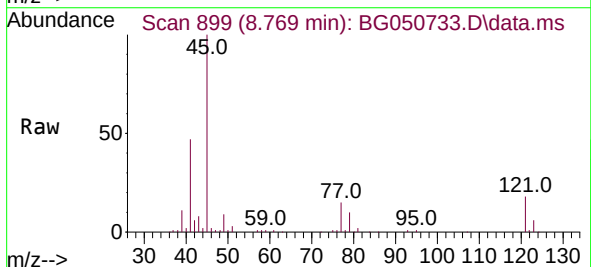
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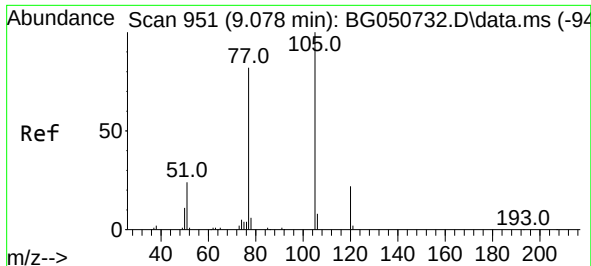
Tgt Ion:108 Resp: 99966
Ion Ratio Lower Upper
108 100
107 91.1 75.5 113.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 50.292 ng/ul
RT: 8.769 min Scan# 899
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion: 45 Resp: 160429
Ion Ratio Lower Upper
45 100
77 14.8 11.4 17.2
79 10.0 8.6 13.0

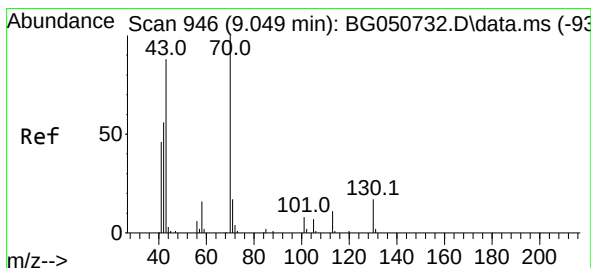
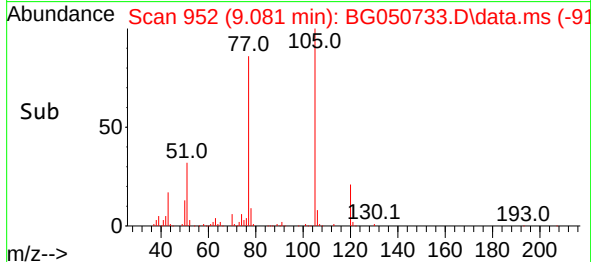
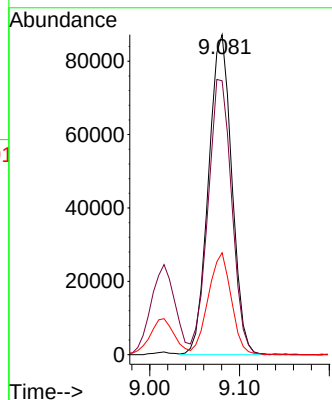
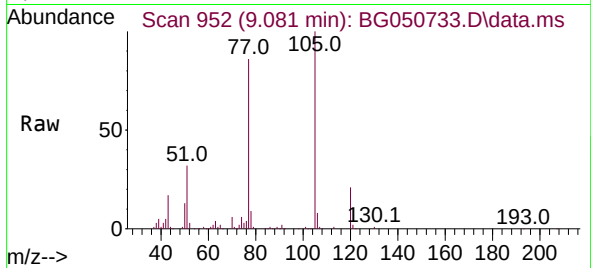




#16
Acetophenone
Concen: 47.232 ng/ul
RT: 9.081 min Scan# 952
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

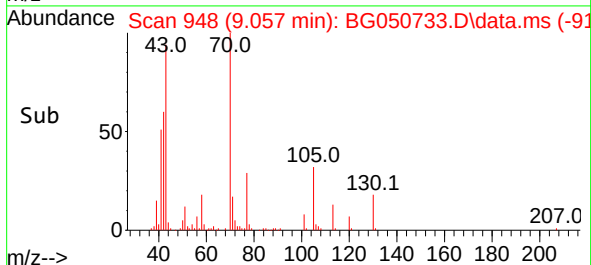
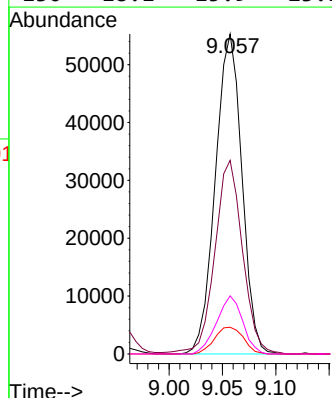
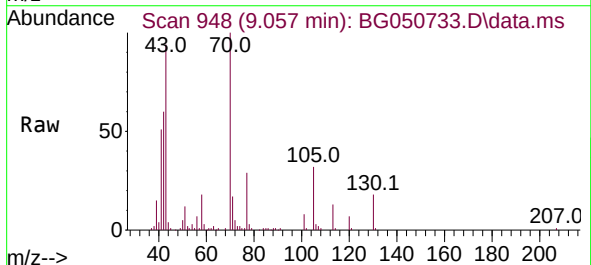
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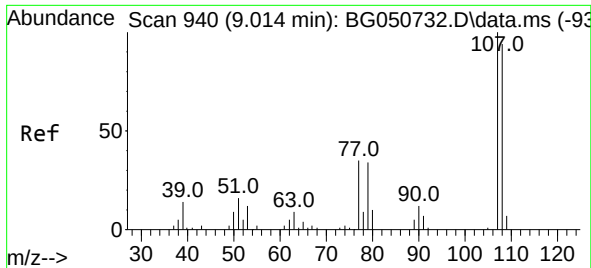
Tgt Ion:105 Resp: 157080
Ion Ratio Lower Upper
105 100
77 85.6 72.1 108.1
51 31.9 24.6 36.8



#17
N-Nitroso-di-n-propylamine
Concen: 47.863 ng/ul
RT: 9.057 min Scan# 948
Delta R.T. 0.008 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion: 70 Resp: 95662
Ion Ratio Lower Upper
70 100
42 60.5 50.4 75.6
101 8.4 7.8 11.6
130 18.1 15.9 23.9

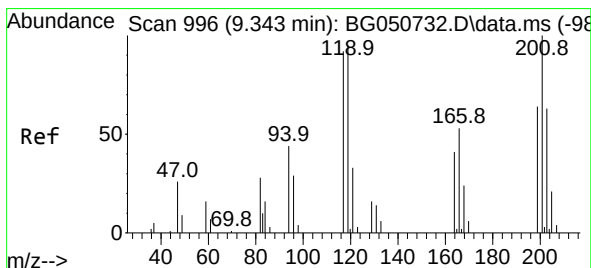
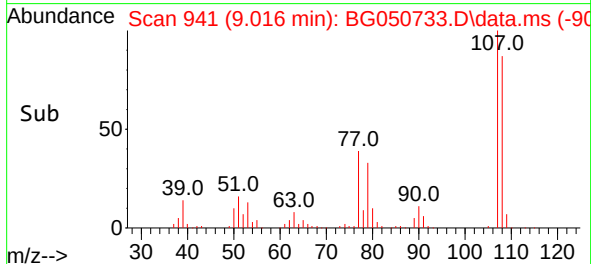
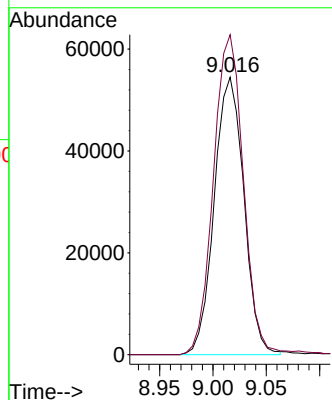
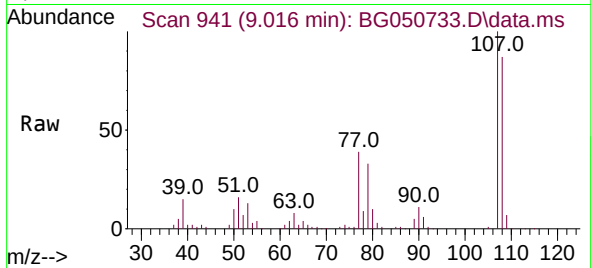




#18
4-Methylphenol
Concen: 47.599 ng/ul
RT: 9.016 min Scan# 941
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

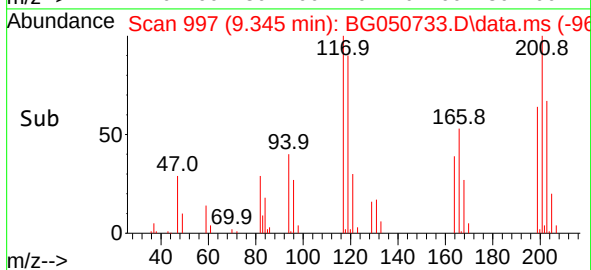
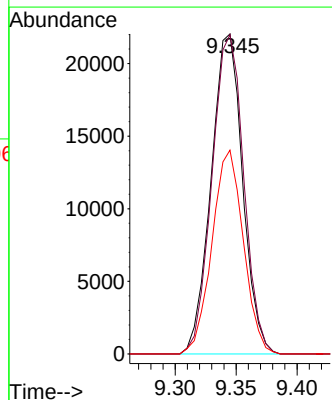
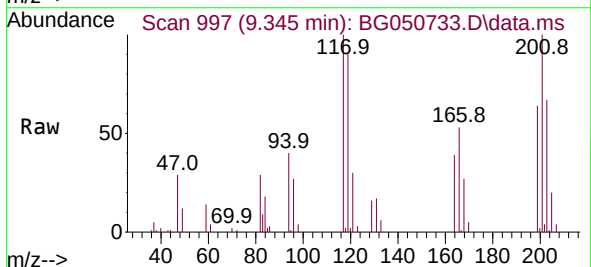
Instrument :
BNA_G
ClientSampleId :
SSTD040401

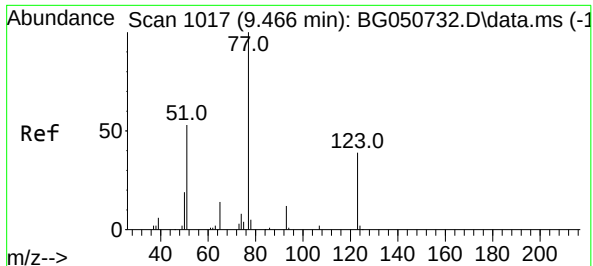
Tgt Ion:108 Resp: 105300
Ion Ratio Lower Upper
108 100
107 115.3 93.8 140.8



#19
Hexachloroethane
Concen: 46.595 ng/ul
RT: 9.345 min Scan# 997
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:117 Resp: 39700
Ion Ratio Lower Upper
117 100
201 99.8 83.0 124.4
199 63.7 53.8 80.6

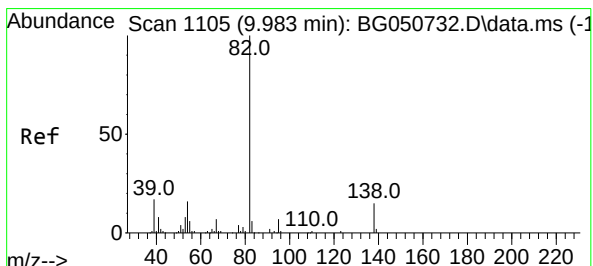
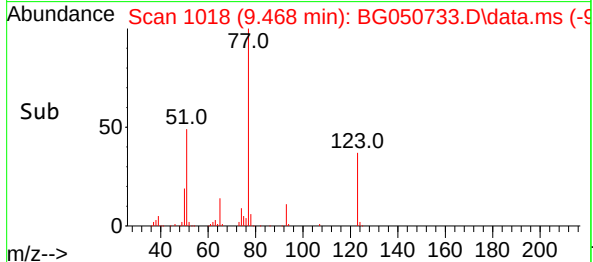
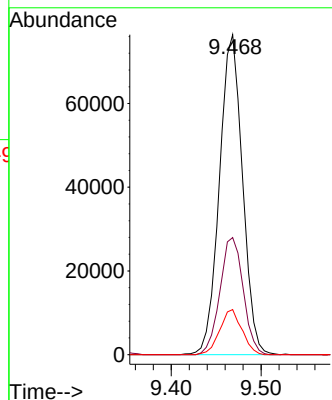
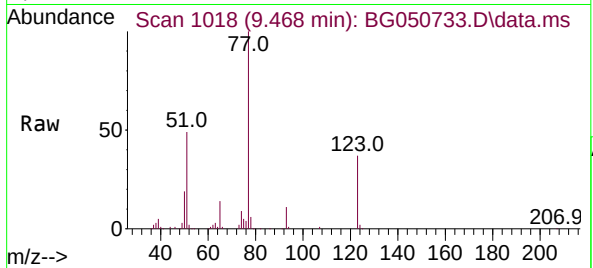




#22
Nitrobenzene
Concen: 47.667 ng/ul
RT: 9.468 min Scan# 1018
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

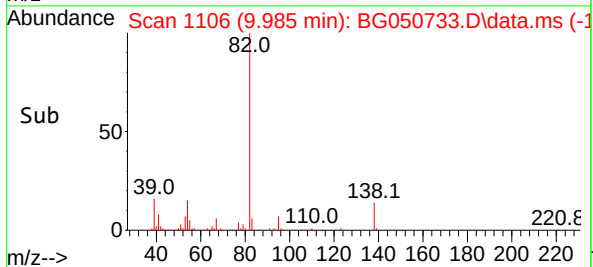
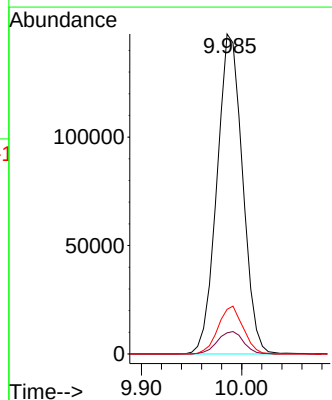
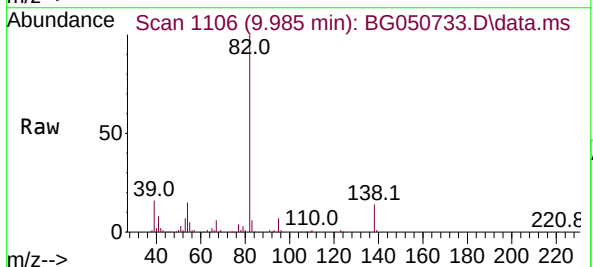
Instrument :
BNA_G
ClientSampleId :
SSTD040401

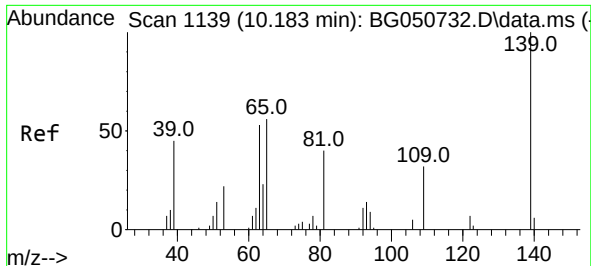
Tgt Ion: 77 Resp: 136339
Ion Ratio Lower Upper
77 100
123 36.6 29.9 44.9
65 14.1 11.0 16.4



#23
Isophorone
Concen: 47.551 ng/ul
RT: 9.985 min Scan# 1106
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion: 82 Resp: 261380
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 14.0 11.6 17.4

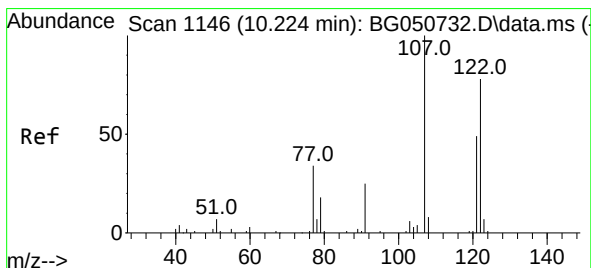
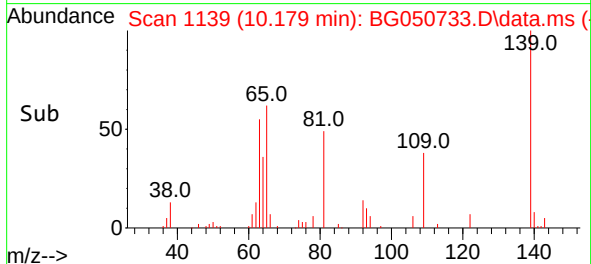
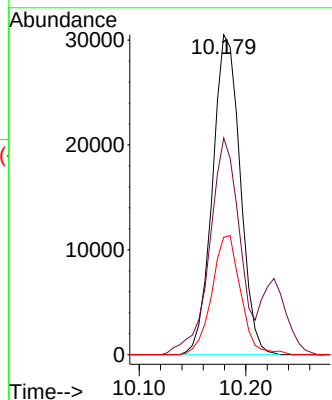
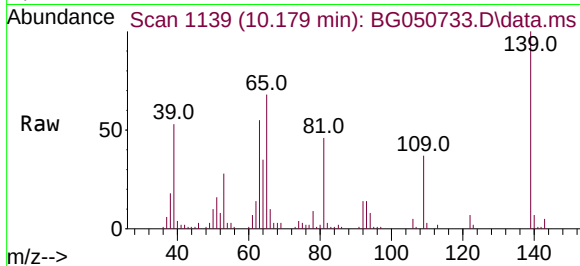




#25
2-Nitrophenol
Concen: 52.286 ng/ul
RT: 10.179 min Scan# 1139
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

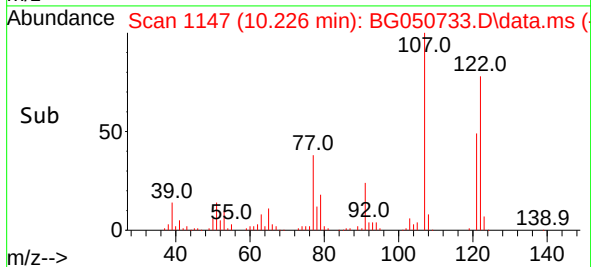
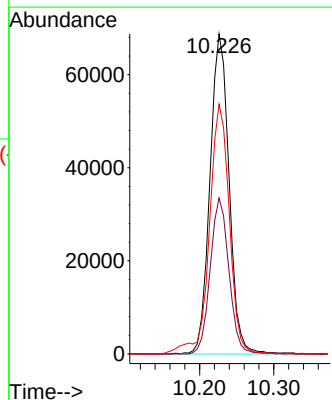
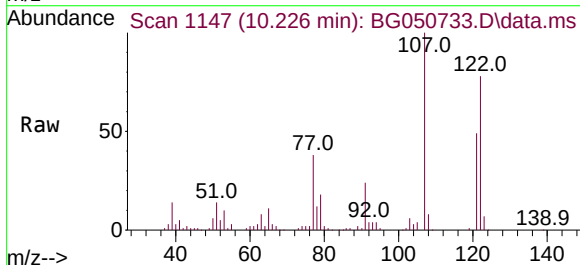
Instrument :
BNA_G
ClientSampleId :
SSTD040401

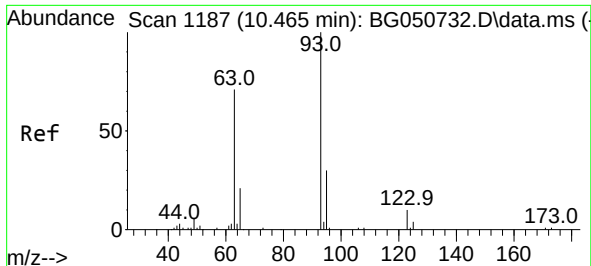
Tgt Ion:139 Resp: 55042
Ion Ratio Lower Upper
139 100
65 67.7 49.1 73.7
109 36.7 28.6 42.8



#26
2,4-Dimethylphenol
Concen: 46.971 ng/ul
RT: 10.226 min Scan# 1147
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:107 Resp: 122741
Ion Ratio Lower Upper
107 100
121 48.7 39.0 58.6
122 78.0 64.6 97.0

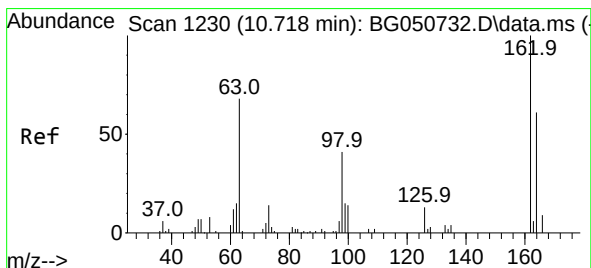
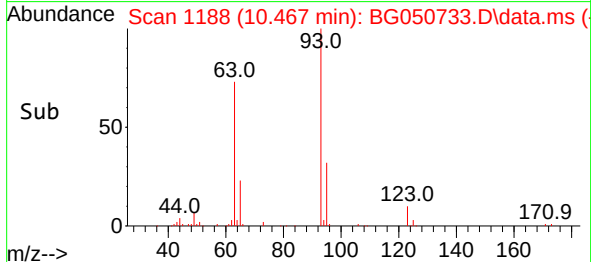
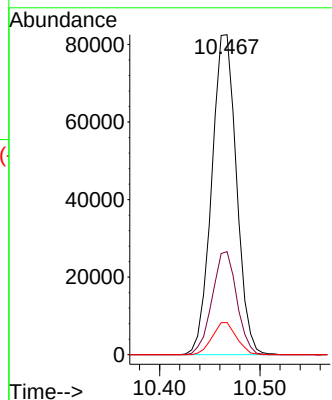
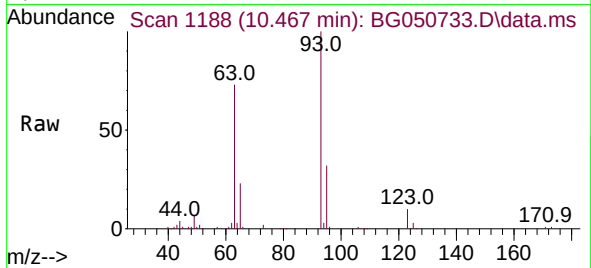




#27
 Bis(2-Chloroethoxy)methane
 Concen: 47.663 ng/ul
 RT: 10.467 min Scan# 1188
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

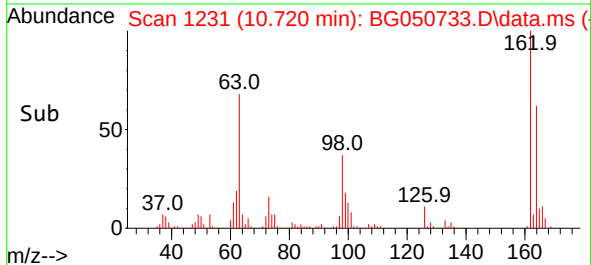
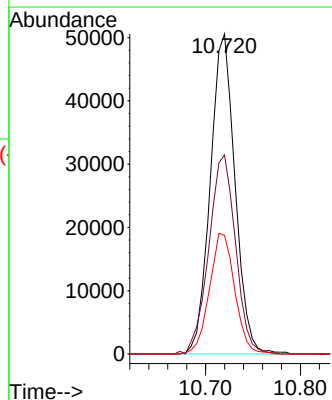
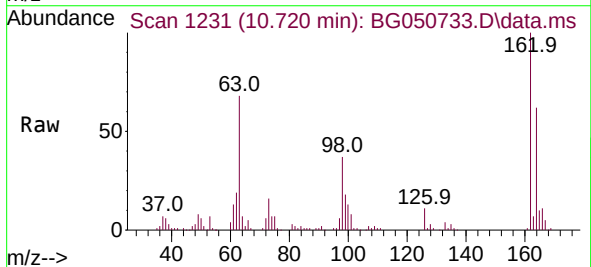
Instrument :
 BNA_G
 ClientSampleId :
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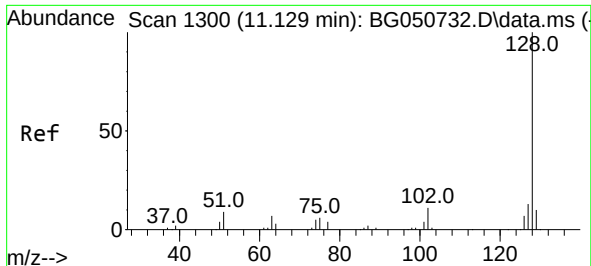
Tgt Ion: 93 Resp: 141448
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.6 37.0
 123 10.0 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 45.794 ng/ul
 RT: 10.720 min Scan# 1231
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

Tgt Ion: 162 Resp: 91698
 Ion Ratio Lower Upper
 162 100
 164 62.2 49.4 74.0
 98 37.1 29.0 43.4

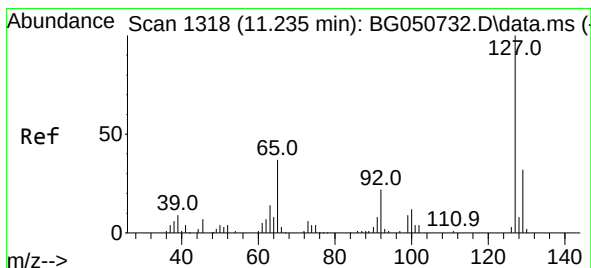
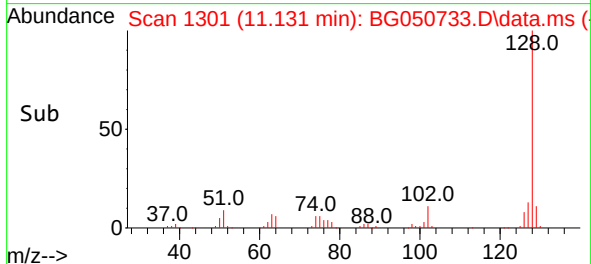
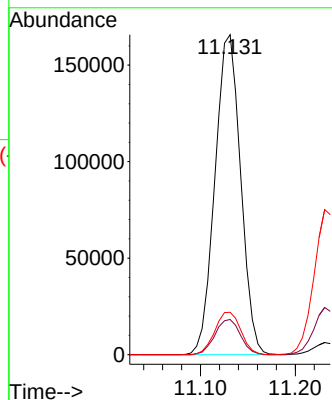
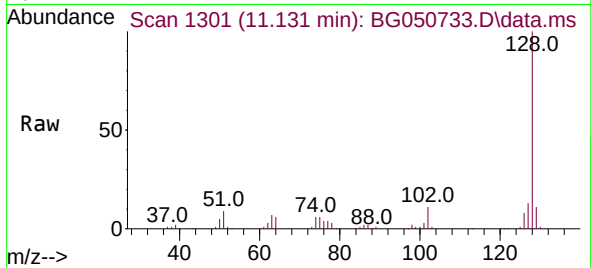




#30
Naphthalene
Concen: 44.534 ng/ul
RT: 11.131 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

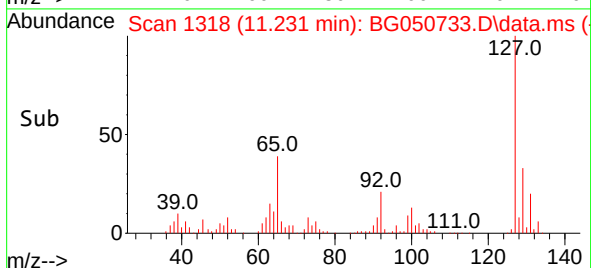
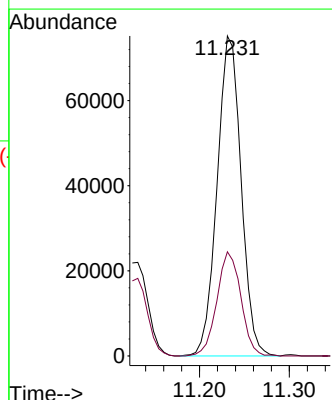
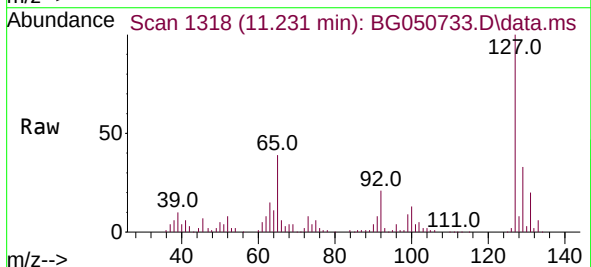
Instrument :
BNA_G
ClientSampleId :
SSTD040401

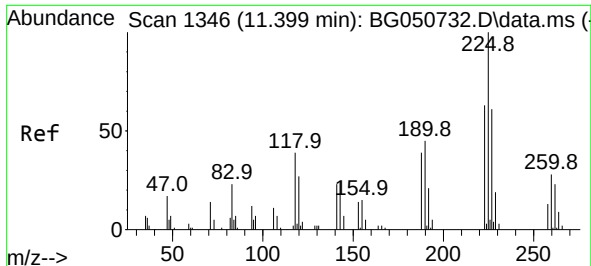
Tgt Ion:128 Resp: 311909
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.2
127 13.3 11.0 16.4



#32
4-Chloroaniline
Concen: 47.959 ng/ul
RT: 11.231 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:127 Resp: 139508
Ion Ratio Lower Upper
127 100
129 32.6 24.3 36.5

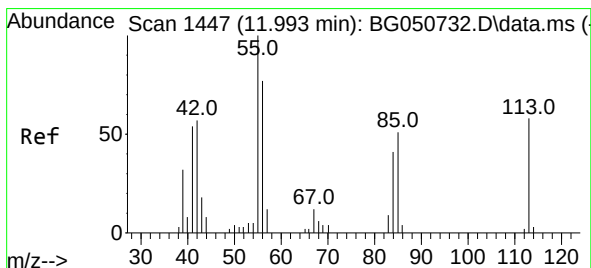
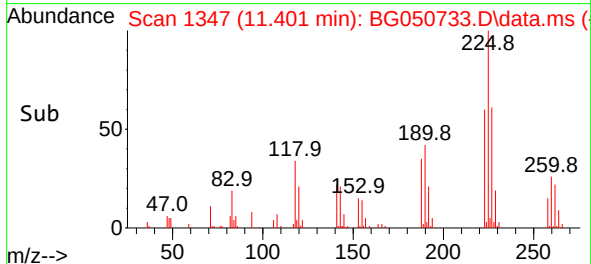
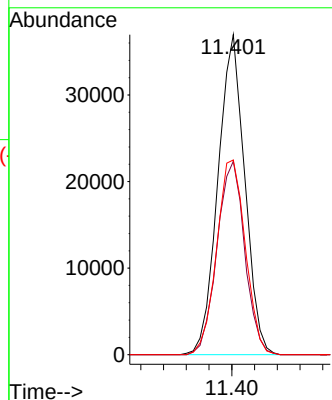
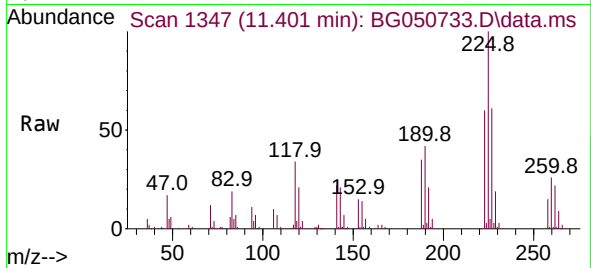




#33
Hexachlorobutadiene
Concen: 41.596 ng/ul
RT: 11.401 min Scan# 1347
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

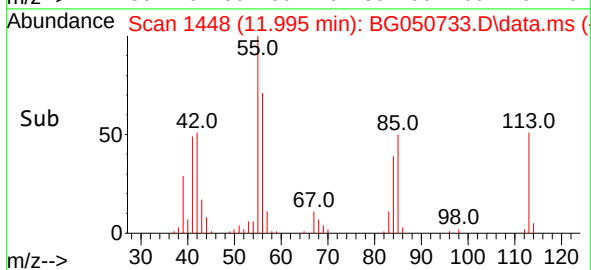
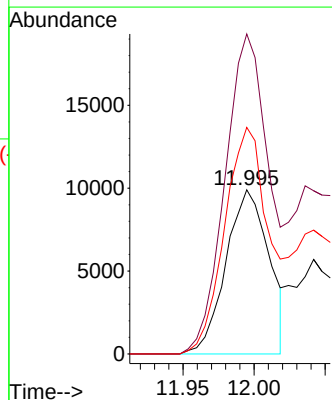
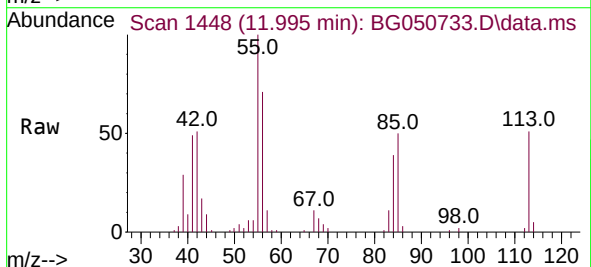
Instrument :
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ClientSampleId :
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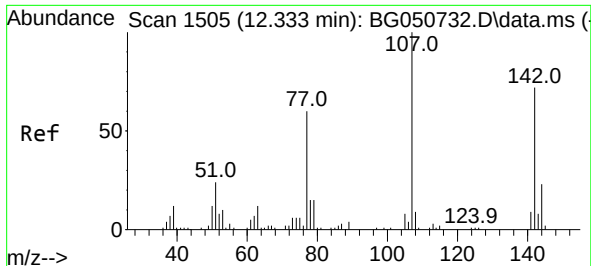
Tgt Ion:225 Resp: 60529
Ion Ratio Lower Upper
225 100
223 60.5 51.1 76.7
227 60.9 52.7 79.1



#34
Caprolactam
Concen: 26.947 ng/ul
RT: 11.995 min Scan# 1448
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:113 Resp: 20847
Ion Ratio Lower Upper
113 100
55 194.9 144.1 216.1
56 138.0 105.8 158.8

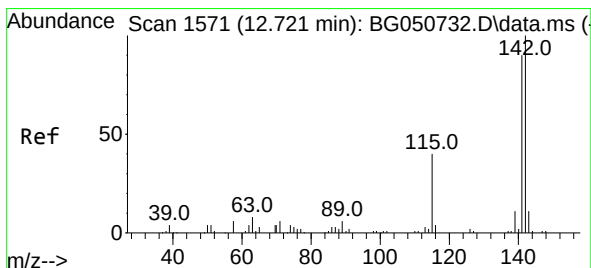
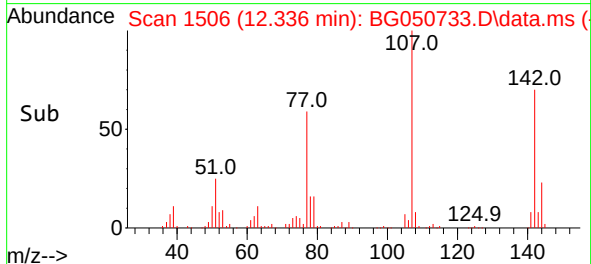
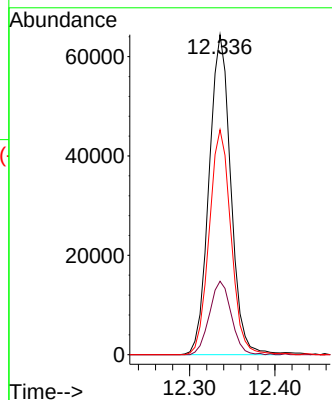
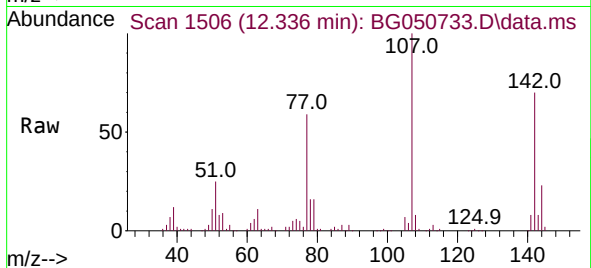




#35
 4-Chloro-3-methylphenol
 Concen: 48.255 ng/ul
 RT: 12.336 min Scan# 1506
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

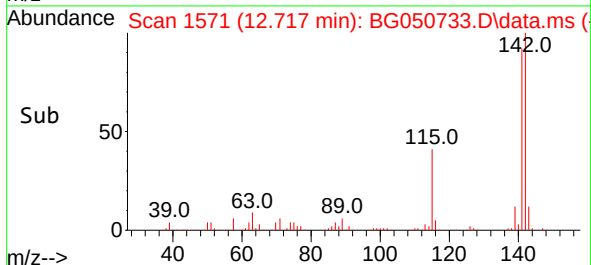
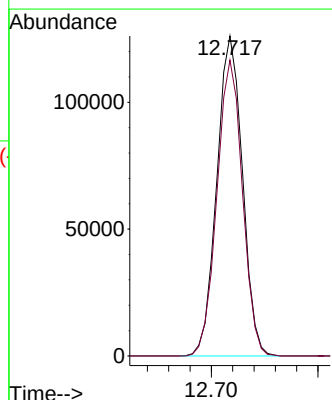
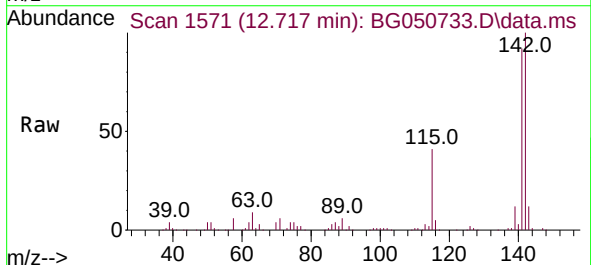
Instrument :
 BNA_G
 ClientSampleId :
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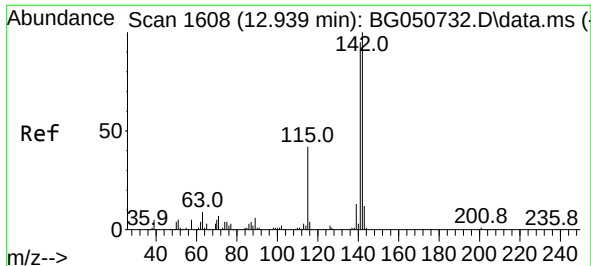
Tgt Ion:107 Resp: 113921
 Ion Ratio Lower Upper
 107 100
 144 23.0 16.8 25.2
 142 70.3 55.4 83.2



#36
 2-Methylnaphthalene
 Concen: 44.181 ng/ul
 RT: 12.717 min Scan# 1571
 Delta R.T. -0.004 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

Tgt Ion:142 Resp: 210380
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.0 108.0

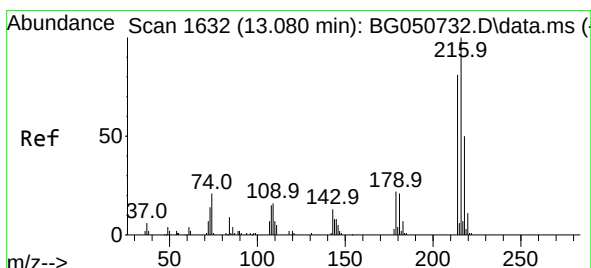
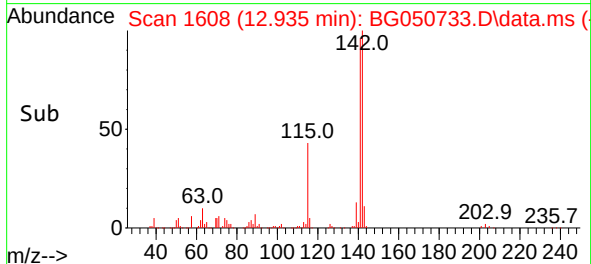
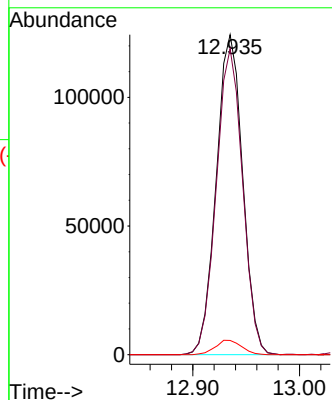
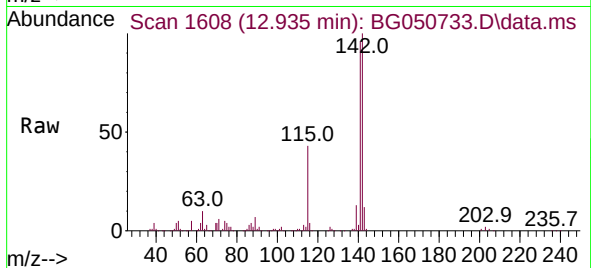




#37
1-Methylnaphthalene
Concen: 44.556 ng/ul
RT: 12.935 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

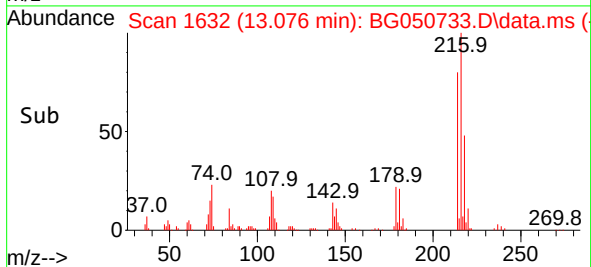
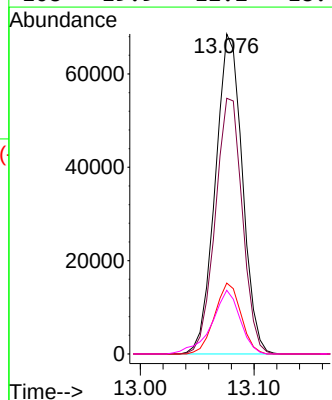
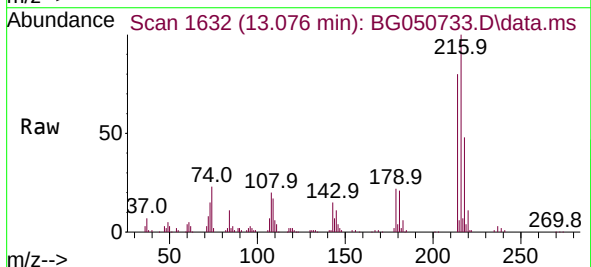
Instrument :
BNA_G
ClientSampleId :
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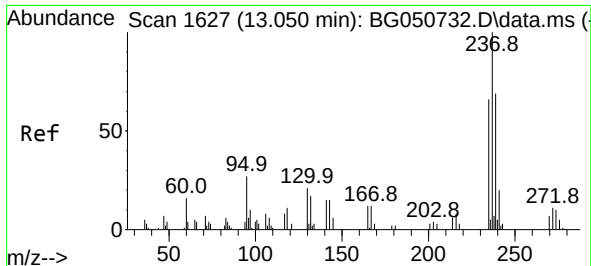
Tgt Ion:142 Resp: 213592
Ion Ratio Lower Upper
142 100
141 95.6 78.9 118.3
116 4.4 3.8 5.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.092 ng/ul
RT: 13.076 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:216 Resp: 113362
Ion Ratio Lower Upper
216 100
214 79.9 65.0 97.4
179 22.2 16.5 24.7
108 19.9 12.2 18.4#

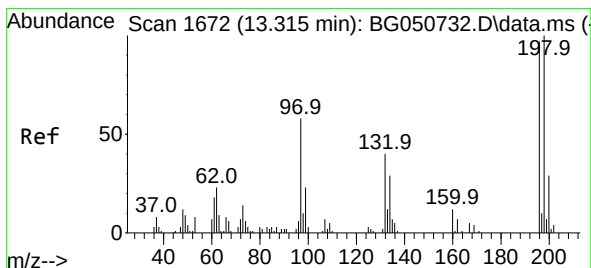
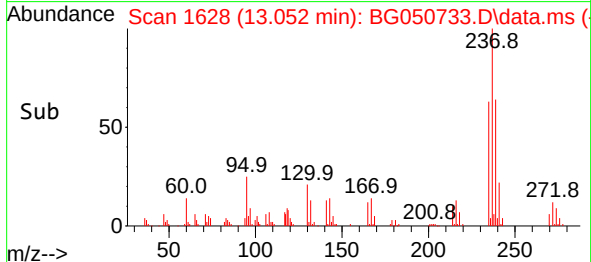
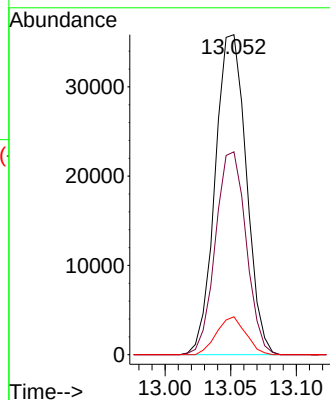
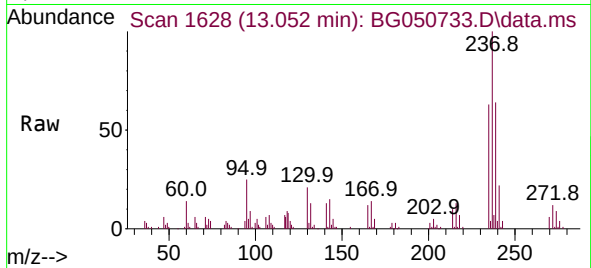




#40
Hexachlorocyclopentadiene
Concen: 33.922 ng/ul
RT: 13.052 min Scan# 1628
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

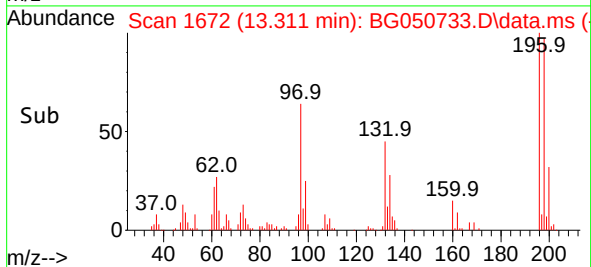
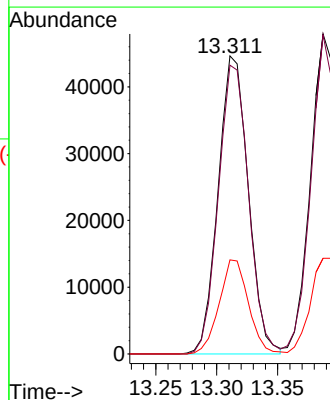
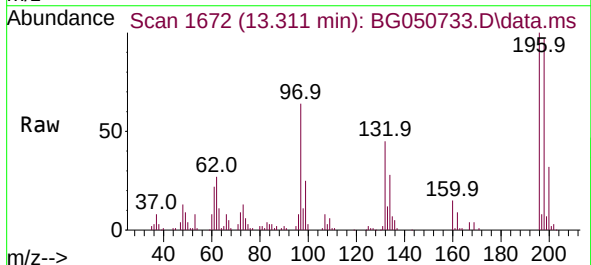
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SSTD040401

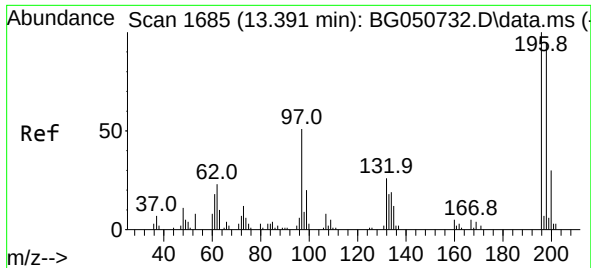
Tgt Ion:237 Resp: 59180
Ion Ratio Lower Upper
237 100
235 63.4 45.6 68.4
272 11.9 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 46.293 ng/ul
RT: 13.311 min Scan# 1672
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:196 Resp: 76759
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
200 31.6 23.7 35.5

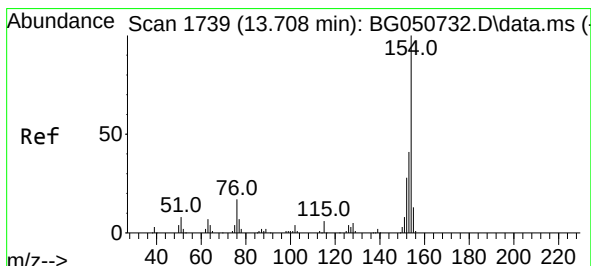
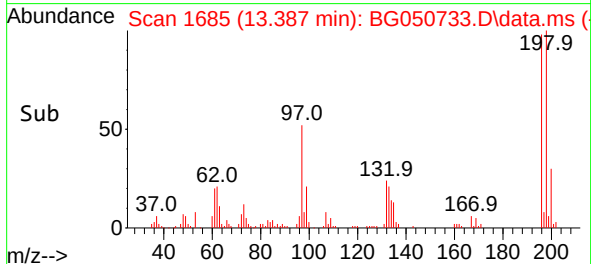
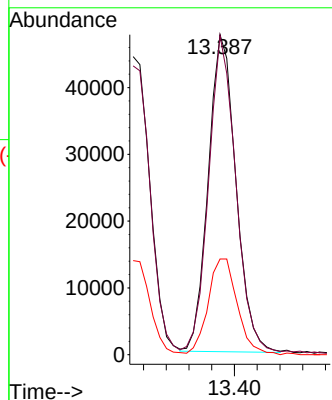
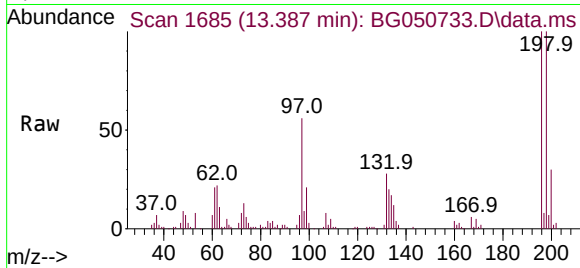




#42
 2,4,5-Trichlorophenol
 Concen: 44.278 ng/ul
 RT: 13.387 min Scan# 1685
 Delta R.T. -0.004 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

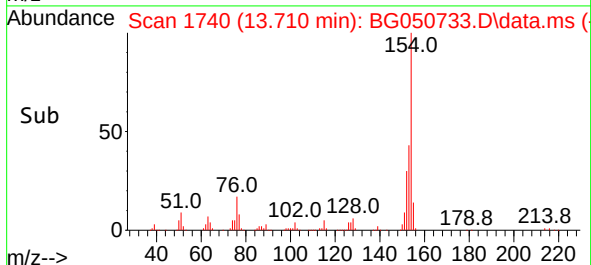
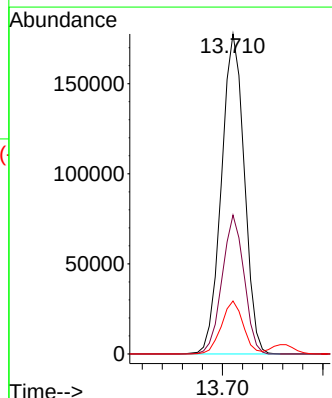
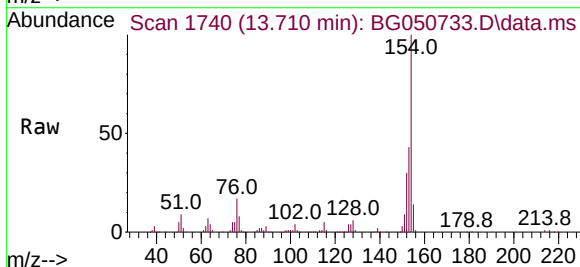
Instrument :
 BNA_G
 ClientSampleId :
 SSTD040401

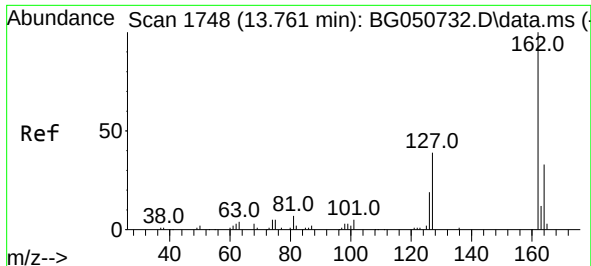
Tgt Ion:196 Resp: 80312
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 200 29.9 24.6 37.0



#43
 1,1'-Biphenyl
 Concen: 45.683 ng/ul
 RT: 13.710 min Scan# 1740
 Delta R.T. 0.002 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

Tgt Ion:154 Resp: 280249
 Ion Ratio Lower Upper
 154 100
 153 43.4 33.4 50.2
 76 16.5 12.4 18.6

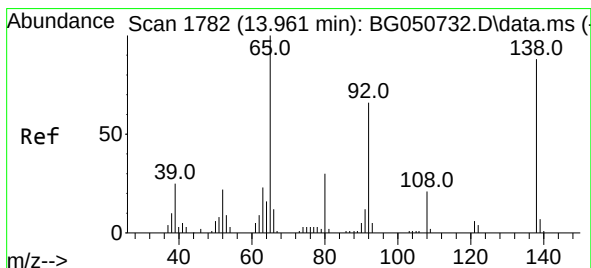
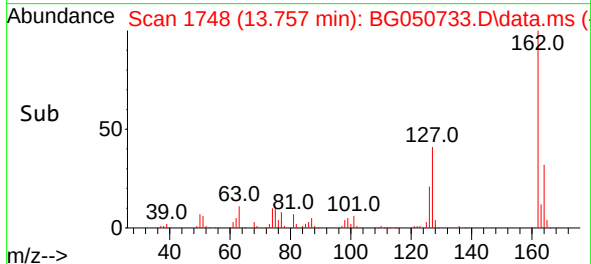
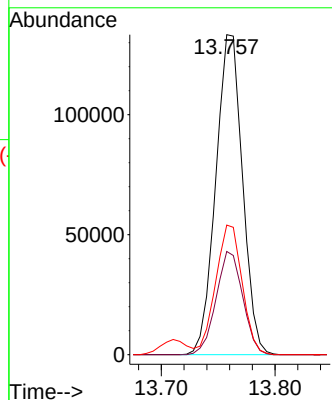
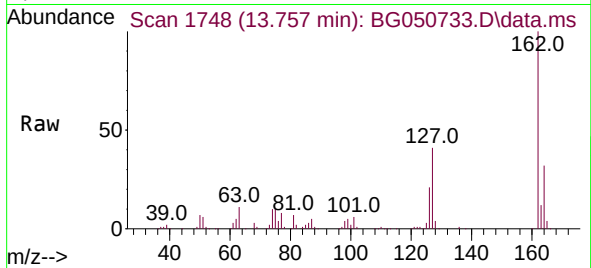




#44
2-Chloronaphthalene
Concen: 45.398 ng/ul
RT: 13.757 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

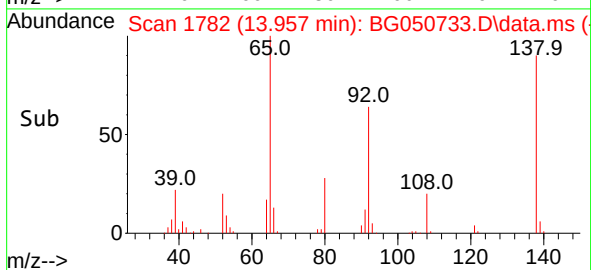
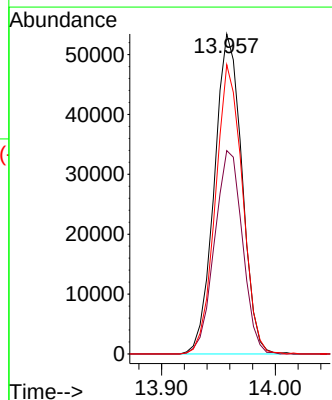
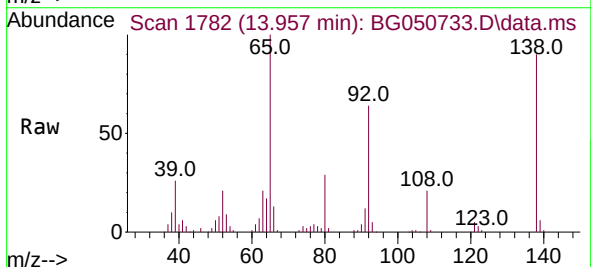
Instrument :
BNA_G
ClientSampleId :
SSTD040401

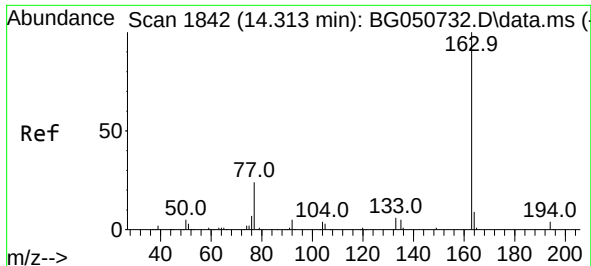
Tgt Ion:162 Resp: 218188
Ion Ratio Lower Upper
162 100
164 32.3 24.5 36.7
127 40.5 32.6 48.8



#45
2-Nitroaniline
Concen: 57.312 ng/ul
RT: 13.957 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion: 65 Resp: 90179
Ion Ratio Lower Upper
65 100
92 63.6 54.8 82.2
138 90.4 76.1 114.1





#47

Dimethylphthalate

Concen: 46.079 ng/ul

RT: 14.316 min Scan# 1843

Delta R.T. 0.002 min

Lab File: BG050733.D

Acq: 26 Oct 2021 16:13

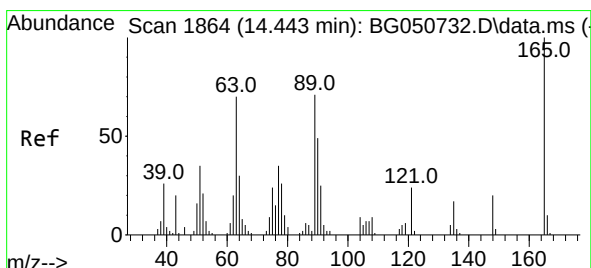
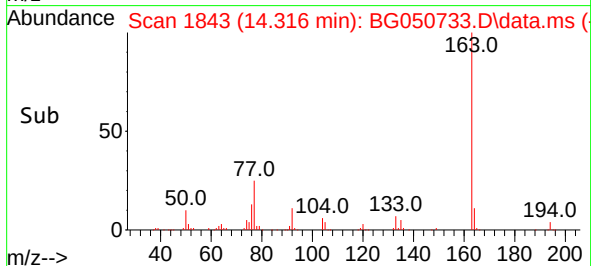
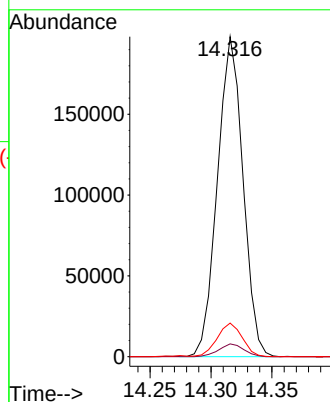
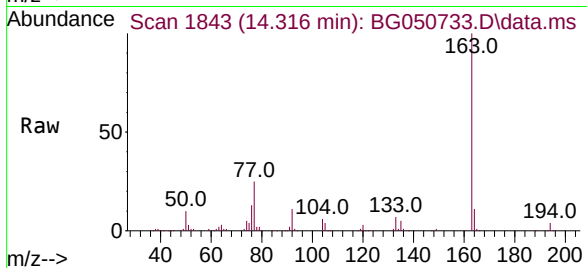
Tgt Ion:163 Resp: 289243

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.5 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 53.273 ng/ul

RT: 14.445 min Scan# 1865

Delta R.T. 0.002 min

Lab File: BG050733.D

Acq: 26 Oct 2021 16:13

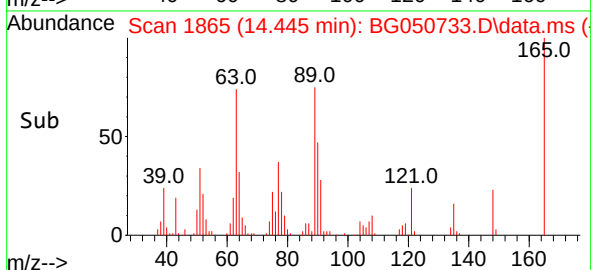
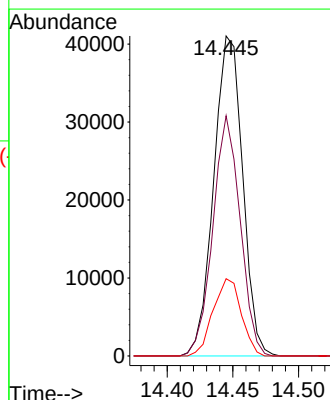
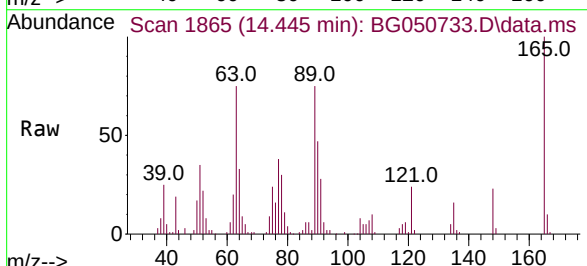
Tgt Ion:165 Resp: 62902

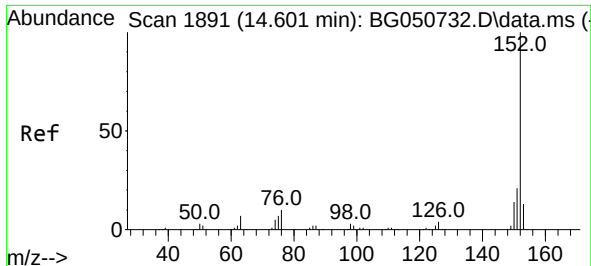
Ion Ratio Lower Upper

165 100

89 75.1 62.3 93.5

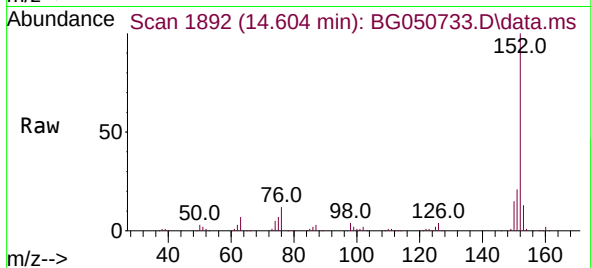
121 24.2 20.8 31.2



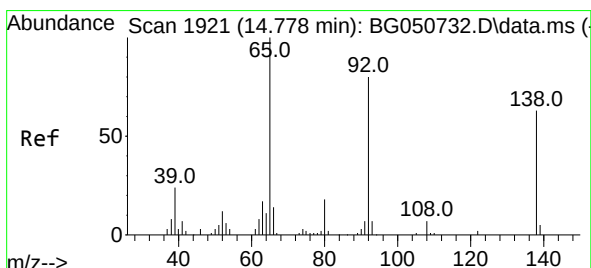
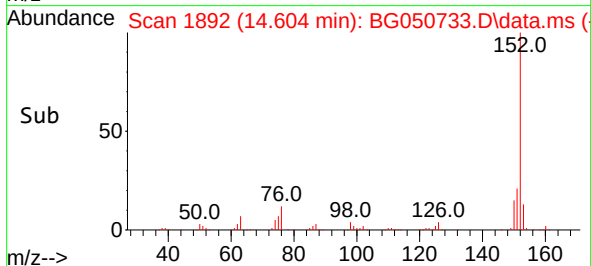
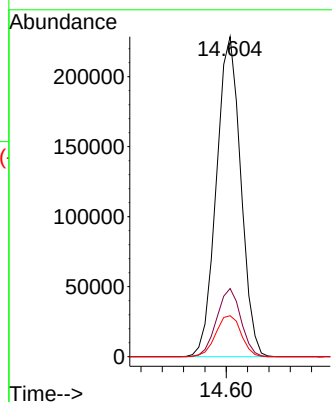


#50
Acenaphthylene
Concen: 45.585 ng/ul
RT: 14.604 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Instrument :
BNA_G
ClientSampleId :
SSTD040401

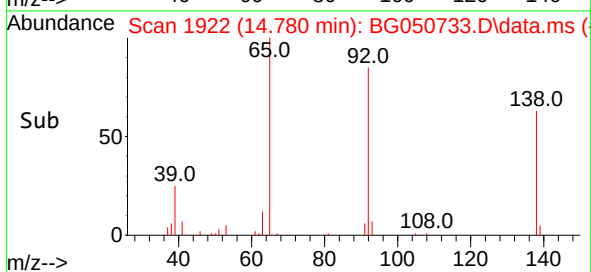
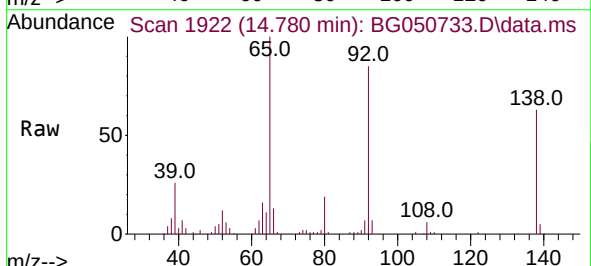
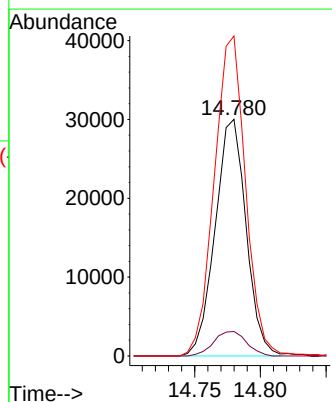


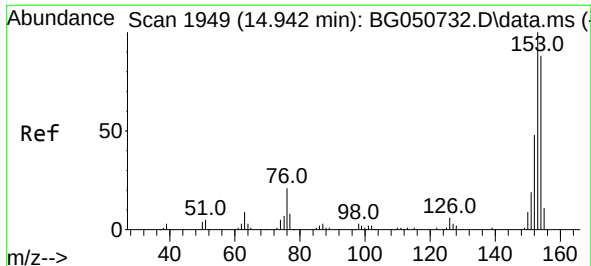
Tgt Ion:152 Resp: 362277
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2
153 12.8 10.3 15.5



#51
3-Nitroaniline
Concen: 38.285 ng/ul
RT: 14.780 min Scan# 1922
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:138 Resp: 49172
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 135.2 97.0 145.4

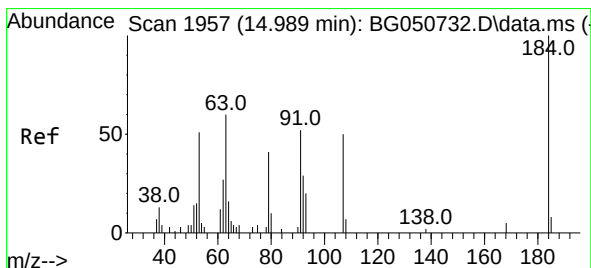
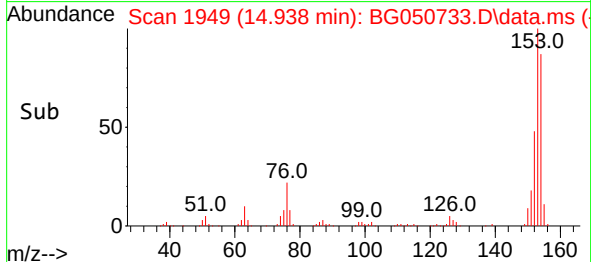
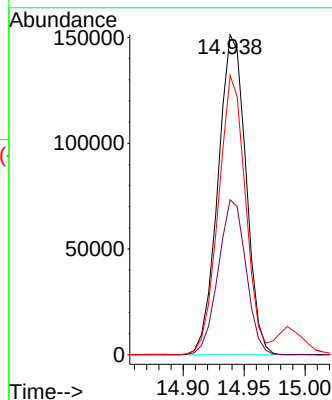
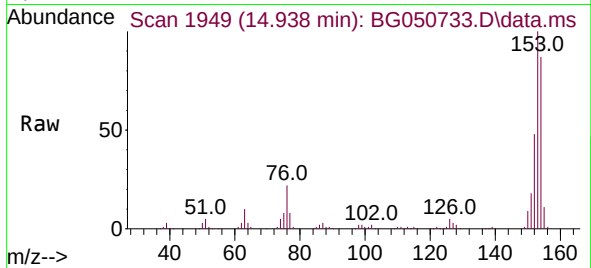




#52
Acenaphthene
Concen: 45.931 ng/ul
RT: 14.938 min Scan# 1949
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

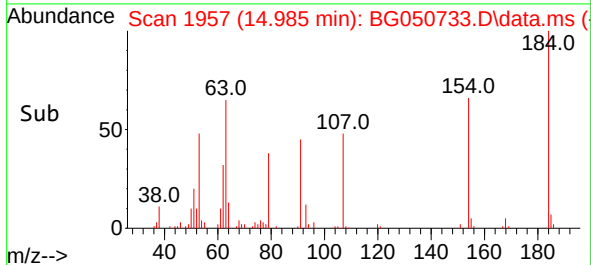
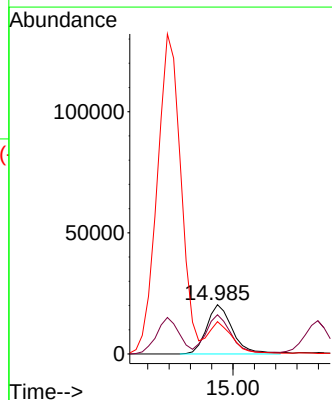
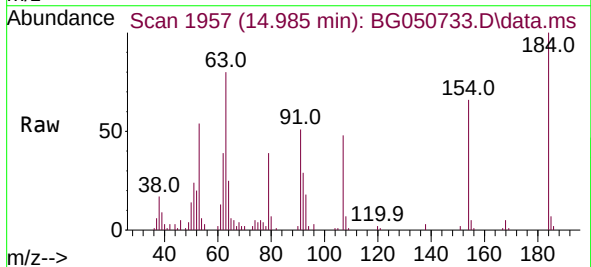
Instrument :
BNA_G
ClientSampleId :
SSTD040401

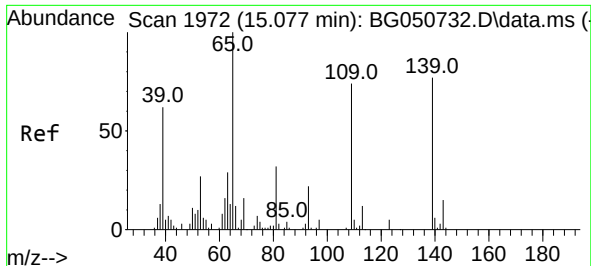
Tgt Ion:153 Resp: 241255
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.2
154 87.3 68.2 102.2



#53
2,4-Dinitrophenol
Concen: 46.292 ng/ul
RT: 14.985 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:184 Resp: 34070
Ion Ratio Lower Upper
184 100
63 79.6 62.1 93.1
154 65.7 68.3 102.5#

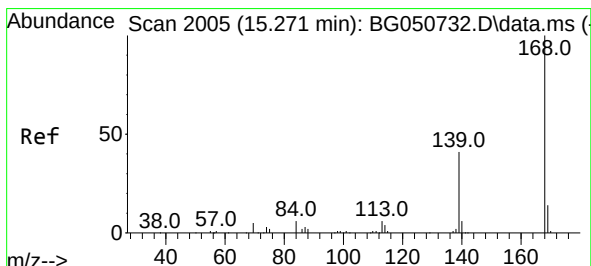
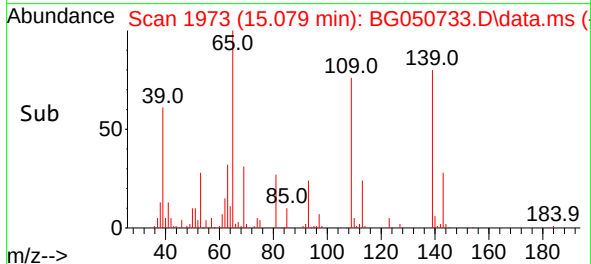
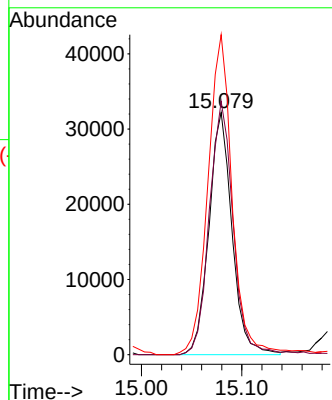
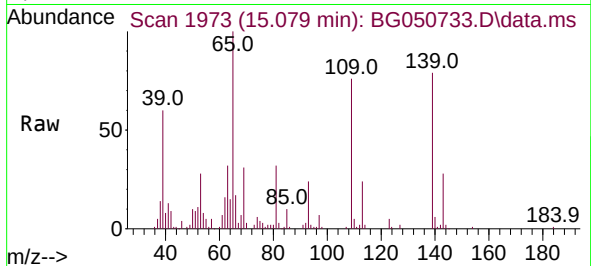




#55
4-Nitrophenol
Concen: 43.281 ng/ul
RT: 15.079 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

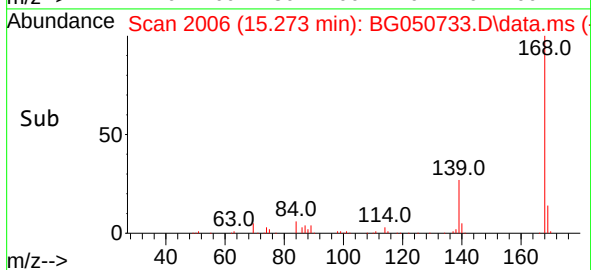
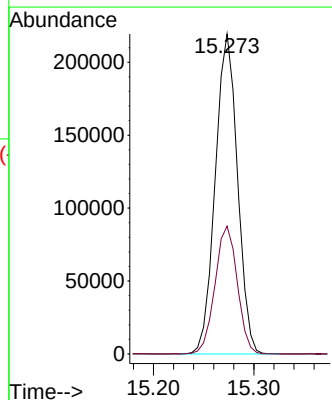
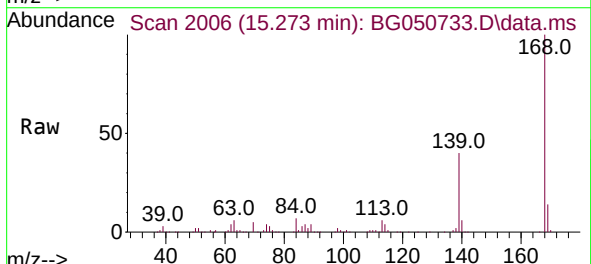
Instrument :
BNA_G
ClientSampleId :
SSTD040401

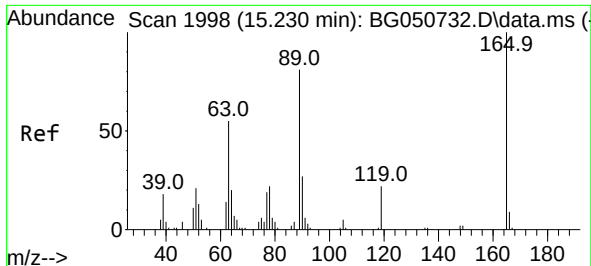
Tgt Ion:109 Resp: 51426
Ion Ratio Lower Upper
109 100
139 104.6 81.4 122.0
65 132.1 97.8 146.6



#56
Dibenzofuran
Concen: 44.129 ng/ul
RT: 15.273 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:168 Resp: 337112
Ion Ratio Lower Upper
168 100
139 40.0 30.2 45.4

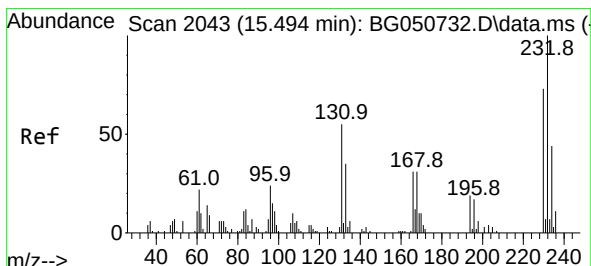
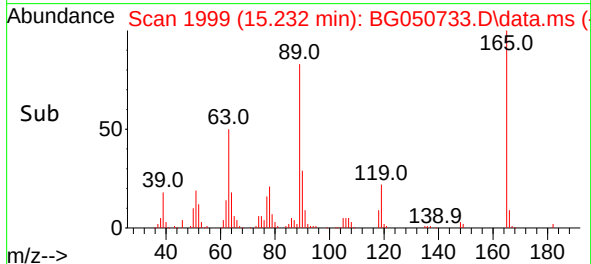
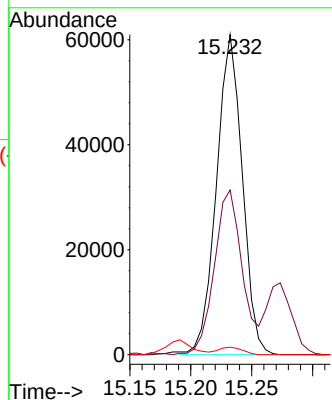
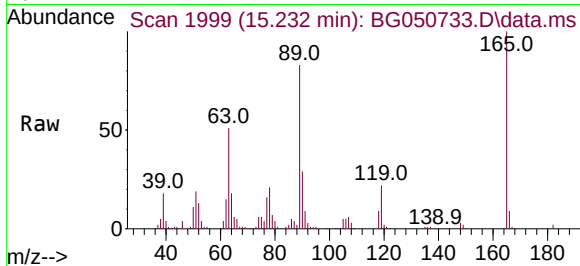




#57
2,4-Dinitrotoluene
Concen: 52.478 ng/ul
RT: 15.232 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

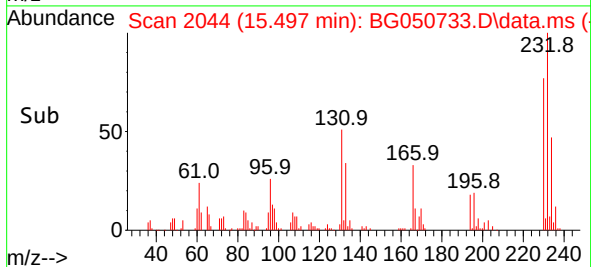
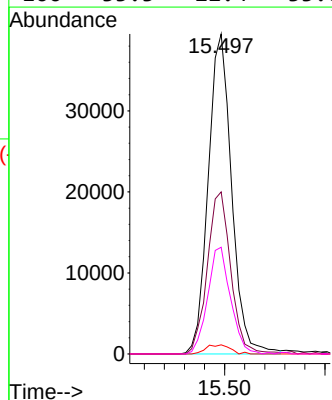
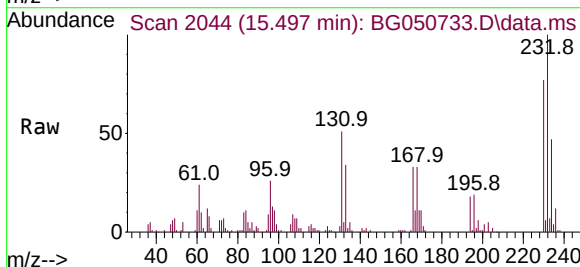
Instrument :
BNA_G
ClientSampleId :
SSTD040401

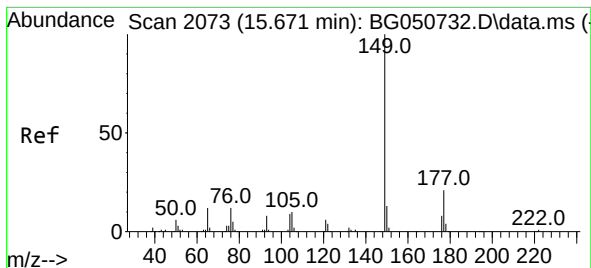
Tgt Ion:165 Resp: 89977
Ion Ratio Lower Upper
165 100
63 51.5 43.4 65.2
182 2.4 1.7 2.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.090 ng/ul
RT: 15.497 min Scan# 2044
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:232 Resp: 64090
Ion Ratio Lower Upper
232 100
131 50.6 34.3 51.5
130 2.8 2.8 4.2
166 33.3 22.4 33.6

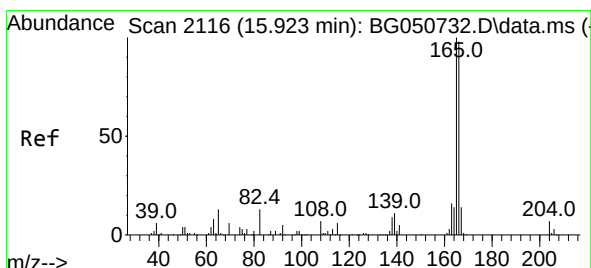
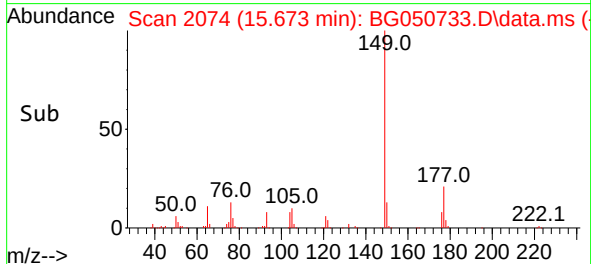
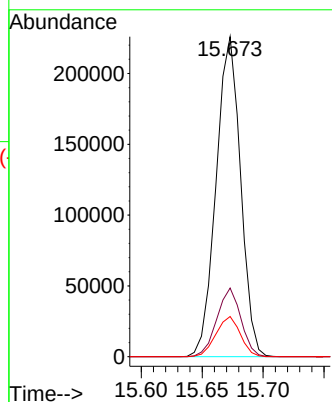
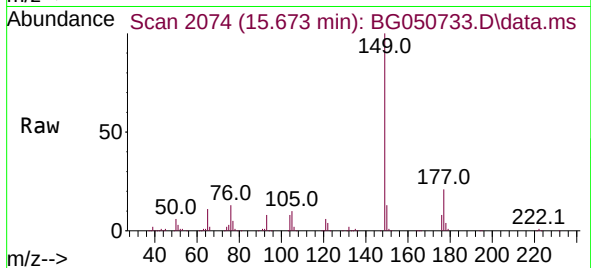




#59
Diethylphthalate
Concen: 48.240 ng/ul
RT: 15.673 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

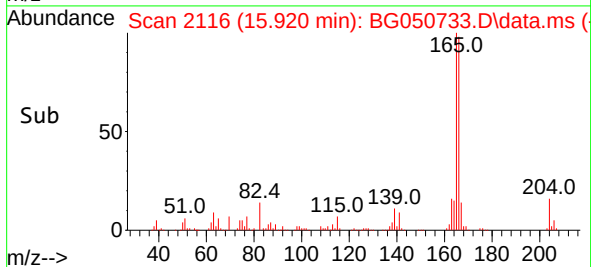
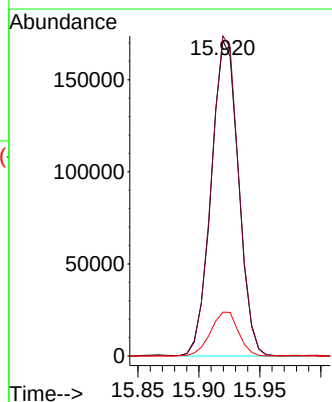
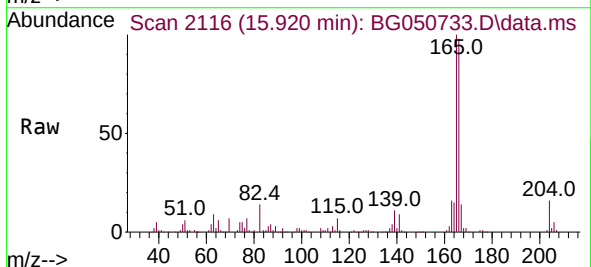
Instrument :
BNA_G
ClientSampleId :
SSTD040401

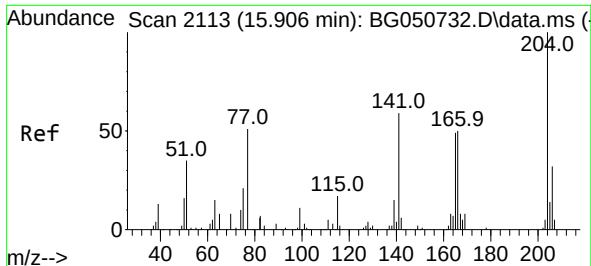
Tgt Ion:149 Resp: 315956
Ion Ratio Lower Upper
149 100
177 21.5 18.2 27.4
150 12.6 10.2 15.2



#61
Fluorene
Concen: 43.798 ng/ul
RT: 15.920 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:166 Resp: 266185
Ion Ratio Lower Upper
166 100
165 101.5 78.6 118.0
167 13.9 10.9 16.3

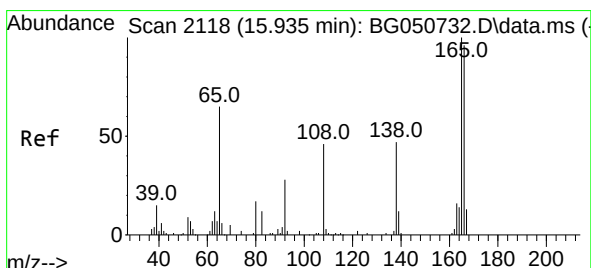
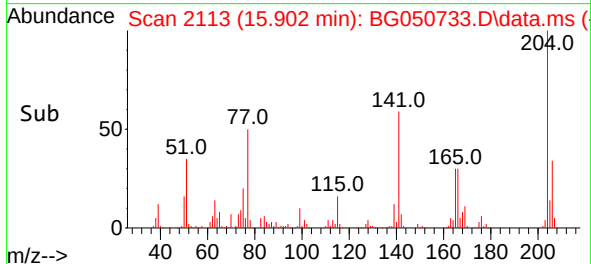
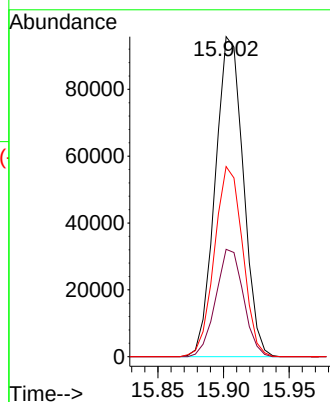
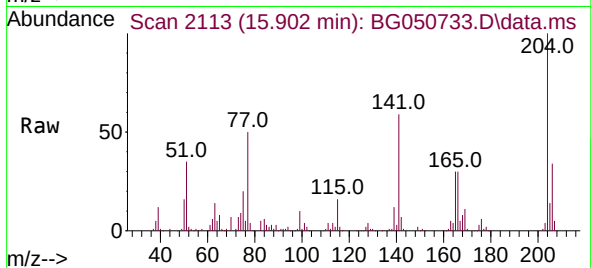




#62
4-Chlorophenyl-phenylether
Concen: 43.326 ng/ul
RT: 15.902 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

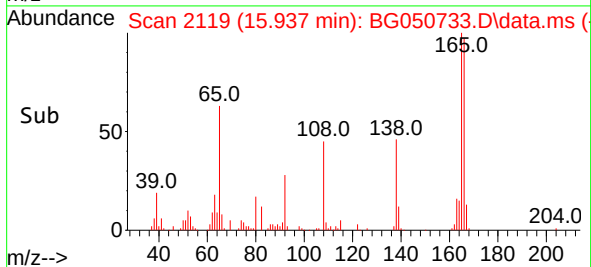
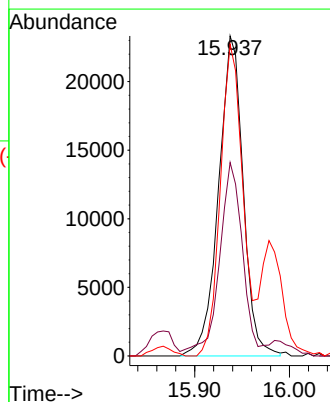
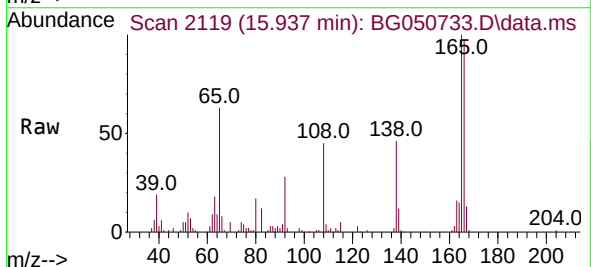
Instrument :
BNA_G
ClientSampleId :
SSTD040401

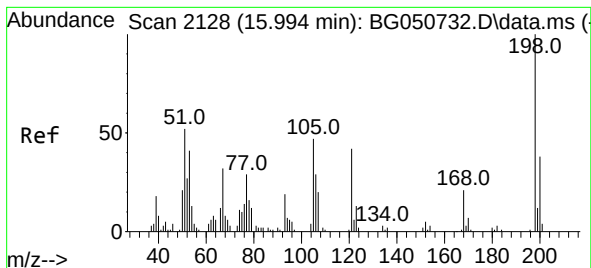
Tgt Ion:204 Resp: 142605
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 59.4 44.1 66.1



#63
4-Nitroaniline
Concen: 32.395 ng/ul
RT: 15.937 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:138 Resp: 42018
Ion Ratio Lower Upper
138 100
92 60.4 47.0 70.4
108 97.4 77.2 115.8

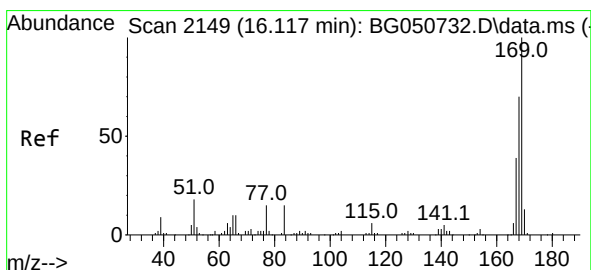
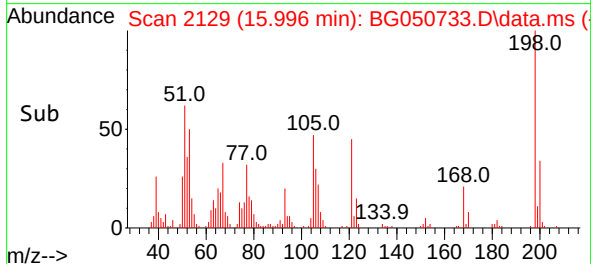
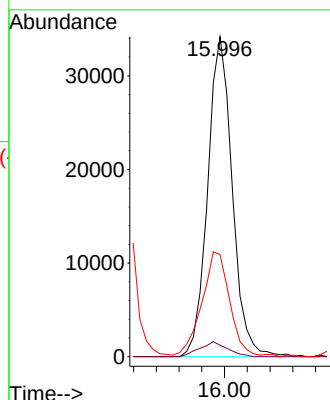
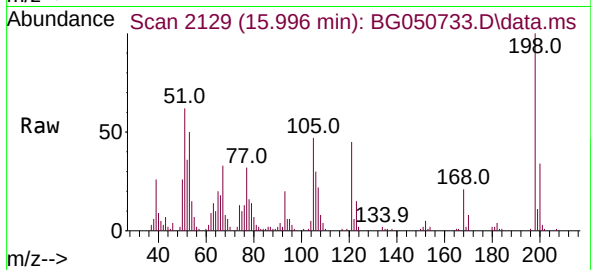




#66
4,6-Dinitro-2-methylphenol
Concen: 50.617 ng/ul
RT: 15.996 min Scan# 2129
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

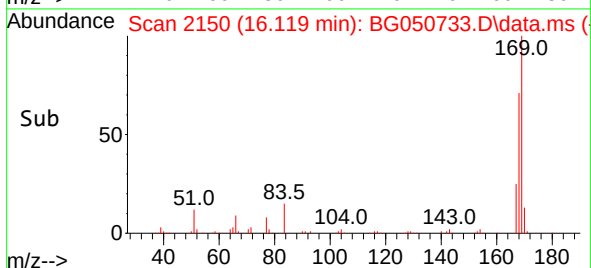
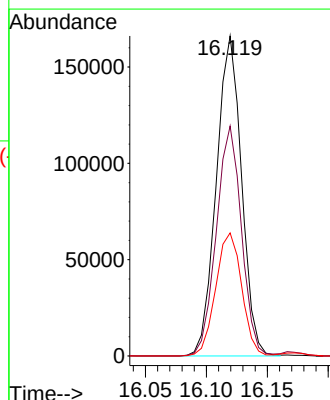
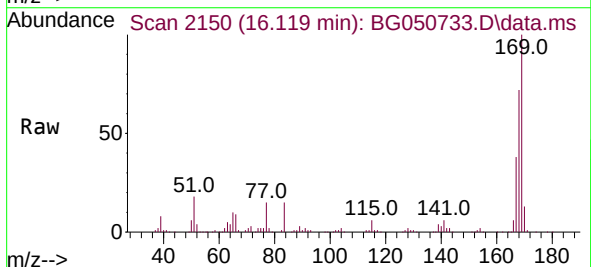
Instrument :
BNA_G
ClientSampleId :
SSTD040401

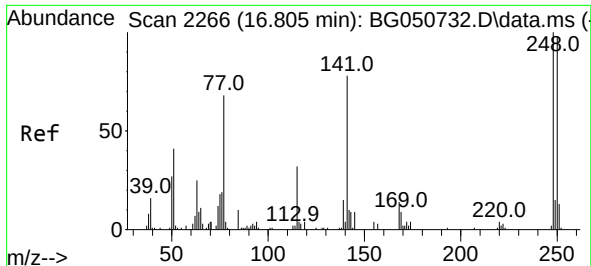
Tgt Ion:198 Resp: 51256
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.6
77 32.0 25.8 38.8



#67
N-Nitrosodiphenylamine
Concen: 46.124 ng/ul
RT: 16.119 min Scan# 2150
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:169 Resp: 239522
Ion Ratio Lower Upper
169 100
168 71.9 58.3 87.5
167 38.4 31.4 47.2

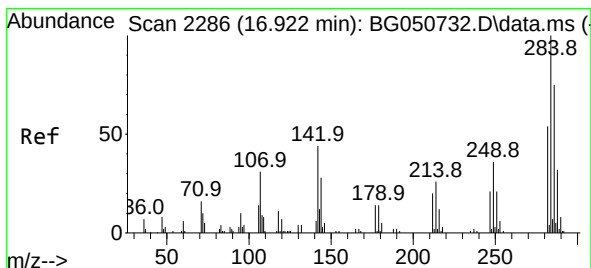
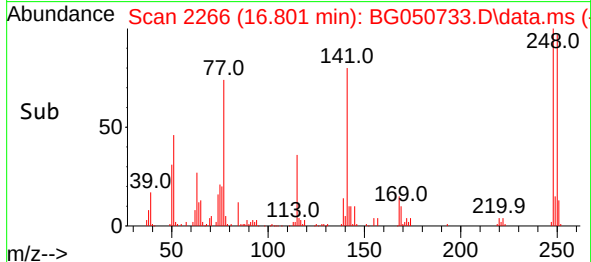
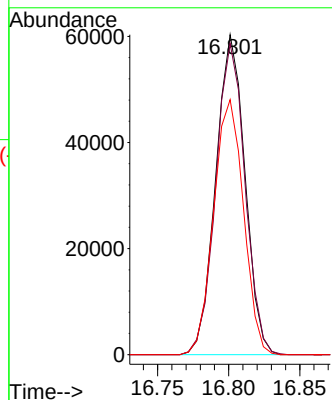
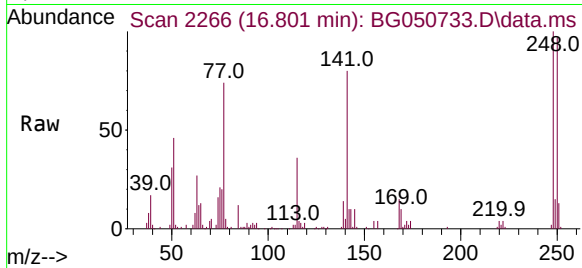




#68
4-Bromophenyl-phenylether
Concen: 45.107 ng/ul
RT: 16.801 min Scan# 2266
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

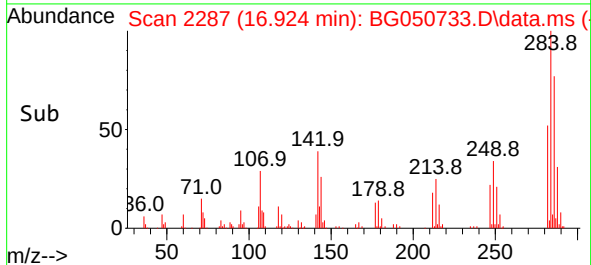
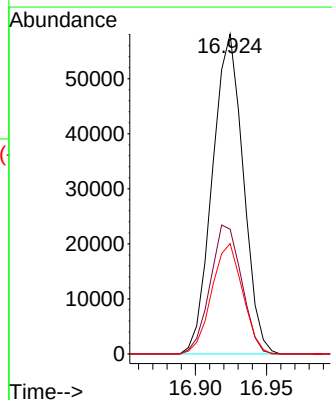
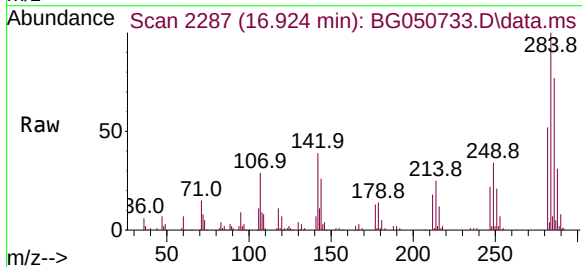
Instrument :
BNA_G
ClientSampleId :
SSTD040401

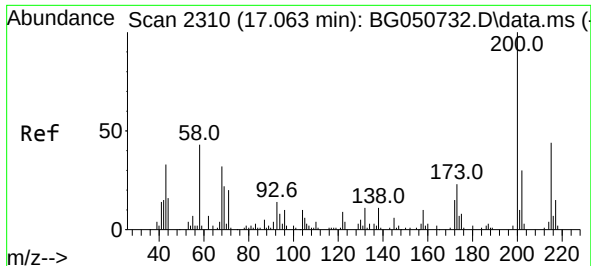
Tgt Ion:248 Resp: 86254
Ion Ratio Lower Upper
248 100
250 97.3 73.3 109.9
141 79.7 60.2 90.2



#69
Hexachlorobenzene
Concen: 43.590 ng/ul
RT: 16.924 min Scan# 2287
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:284 Resp: 87772
Ion Ratio Lower Upper
284 100
142 39.0 33.3 49.9
249 34.5 28.3 42.5

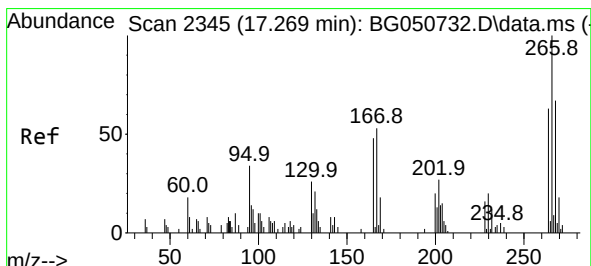
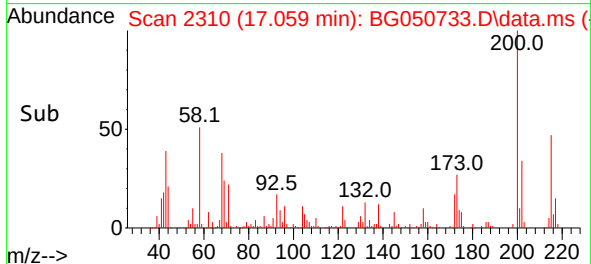
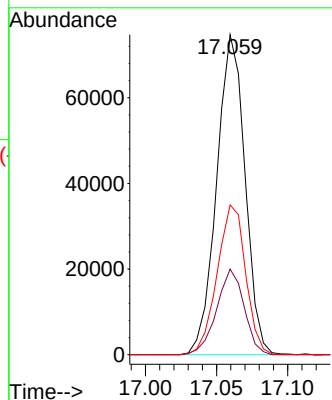
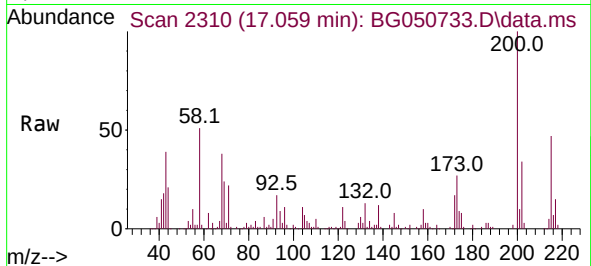




#70
Atrazine
Concen: 46.804 ng/ul
RT: 17.059 min Scan# 2310
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

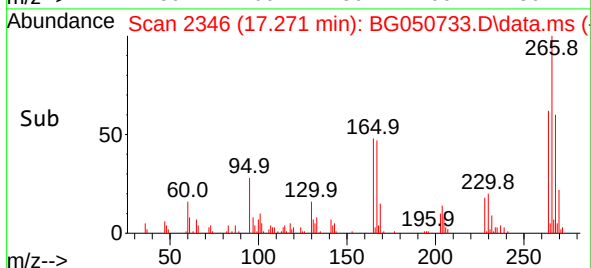
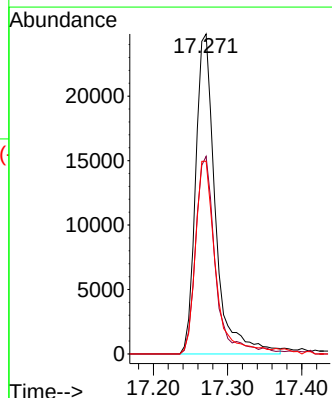
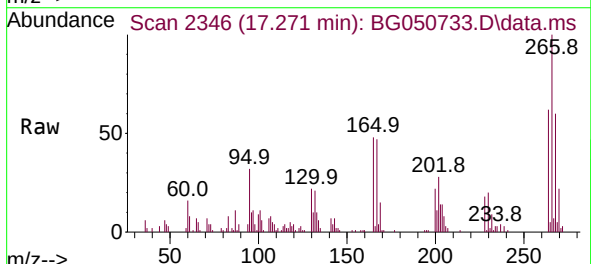
Instrument :
BNA_G
ClientSampleId :
SSTD040401

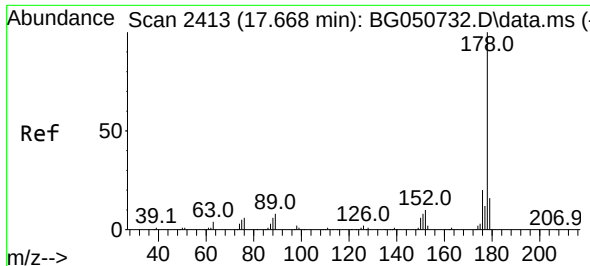
Tgt Ion:200 Resp: 103487
Ion Ratio Lower Upper
200 100
173 26.7 19.9 29.9
215 46.8 40.4 60.6



#71
Pentachlorophenol
Concen: 35.012 ng/ul
RT: 17.271 min Scan# 2346
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

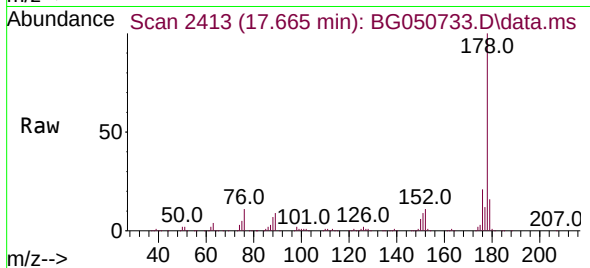
Tgt Ion:266 Resp: 46170
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.4
268 60.2 51.1 76.7



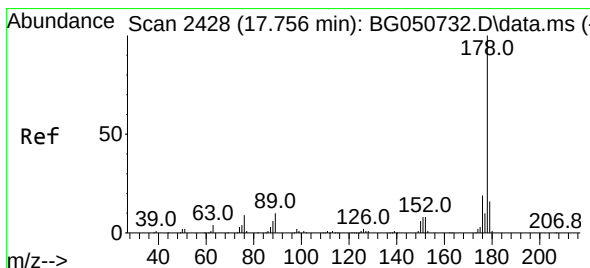
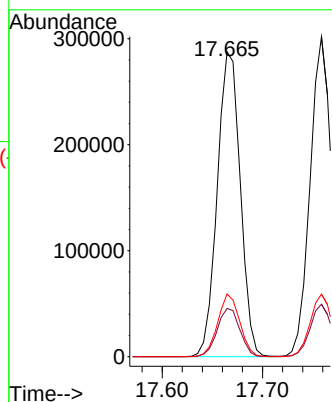
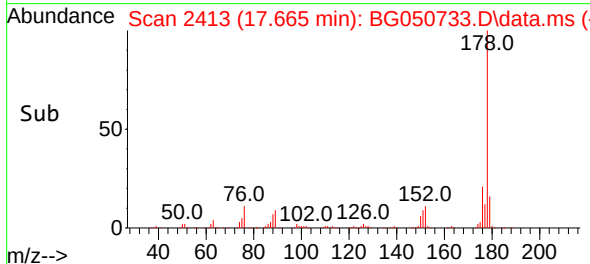


#72
Phenanthrene
Concen: 44.677 ng/ul
RT: 17.665 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

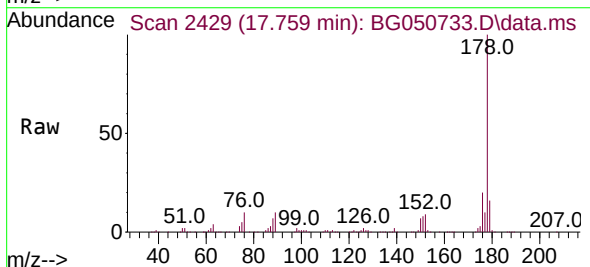
Instrument :
BNA_G
ClientSampleId :
SSTD040401



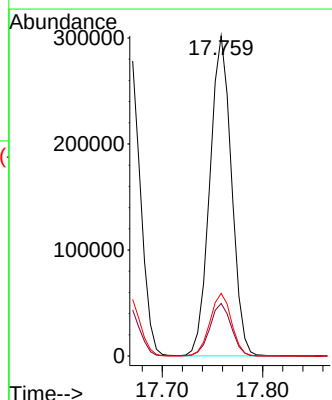
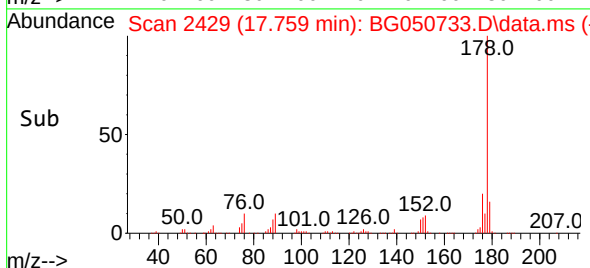
Tgt Ion:178 Resp: 458038
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 20.6 16.2 24.2

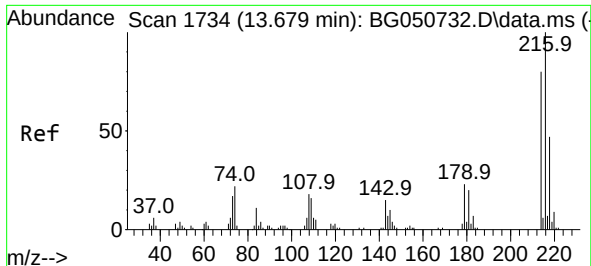


#74
Anthracene
Concen: 44.507 ng/ul
RT: 17.759 min Scan# 2429
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13



Tgt Ion:178 Resp: 451901
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.5 15.0 22.4

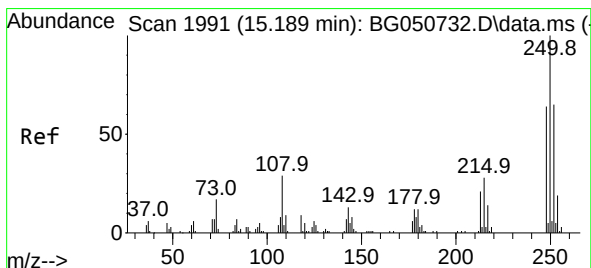
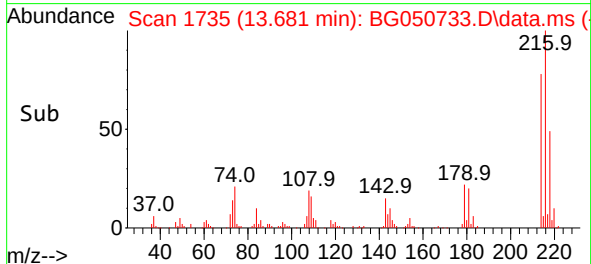
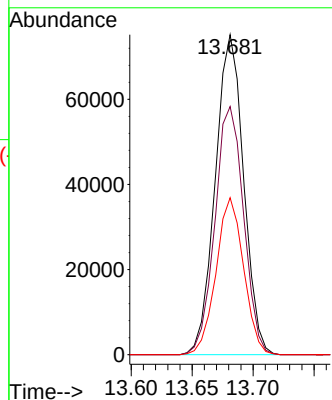
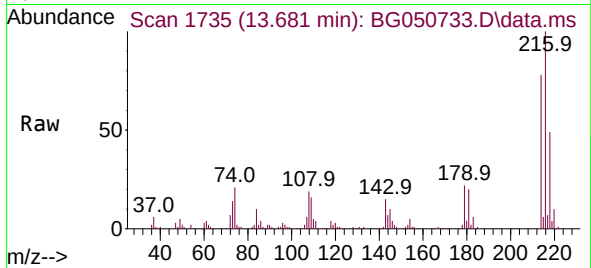




#75
1,2,3,4-Tetrachlorobenzene
Concen: 44.957 ng/uL
RT: 13.681 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

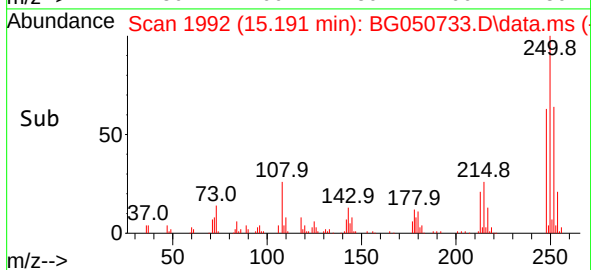
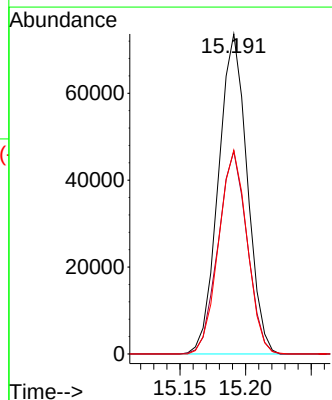
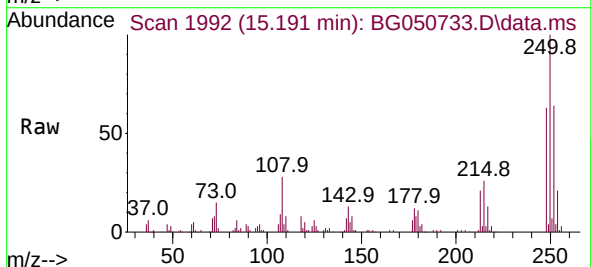
Instrument :
BNA_G
ClientSampleId :
SSTD040401

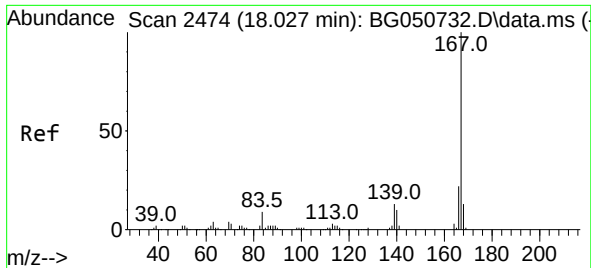
Tgt Ion:216 Resp: 121733
Ion Ratio Lower Upper
216 100
214 77.5 61.0 91.6
218 49.1 37.1 55.7



#76
Pentachlorobenzene
Concen: 45.360 ng/uL
RT: 15.191 min Scan# 1992
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:250 Resp: 112210
Ion Ratio Lower Upper
250 100
248 63.4 50.2 75.2
252 63.6 51.9 77.9

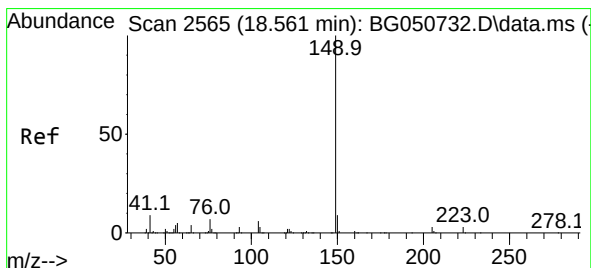
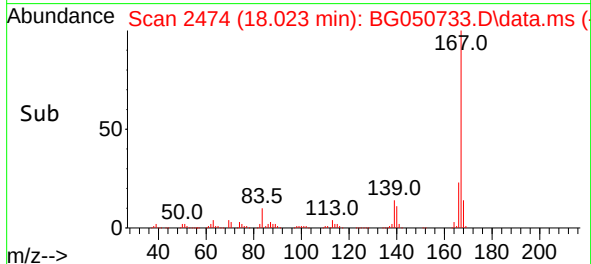
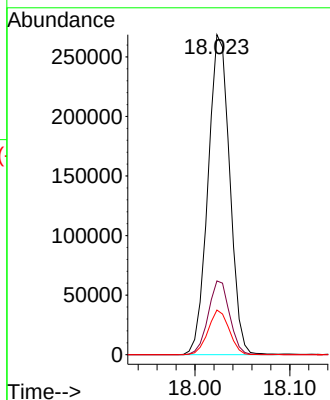
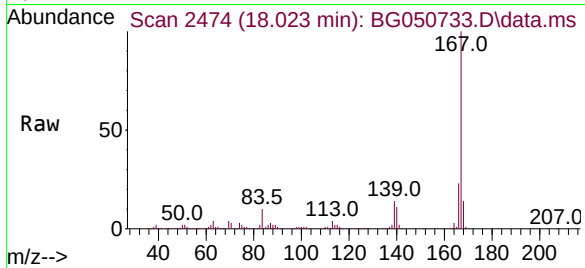




#77
 Carbazole
 Concen: 47.030 ng/ul
 RT: 18.023 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

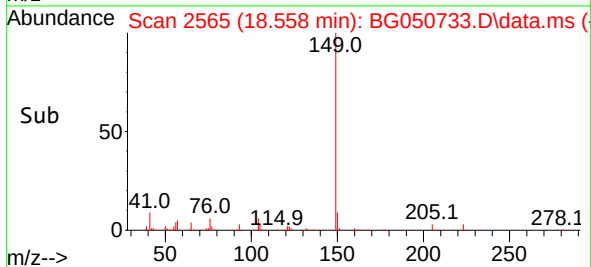
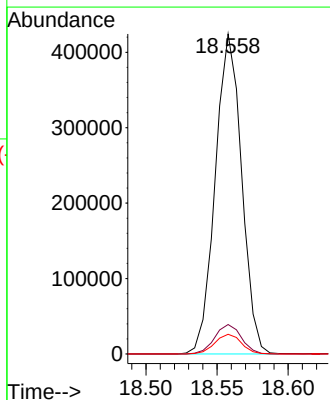
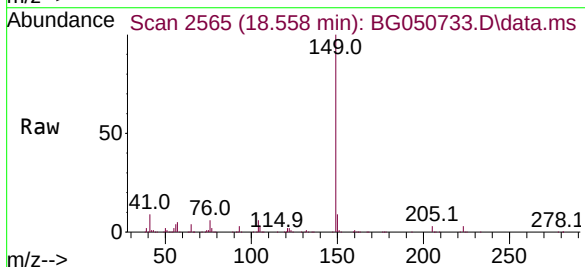
Instrument :
 BNA_G
 ClientSampleId :
 SSTD040401

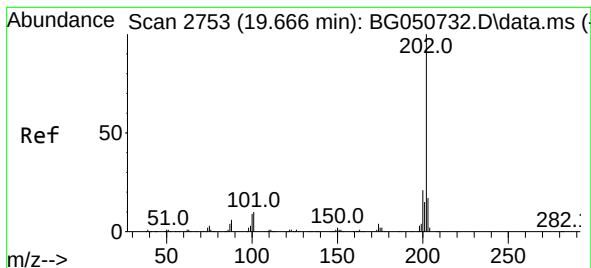
Tgt Ion:167 Resp: 427410
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.0 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 50.759 ng/ul
 RT: 18.558 min Scan# 2565
 Delta R.T. -0.004 min
 Lab File: BG050733.D
 Acq: 26 Oct 2021 16:13

Tgt Ion:149 Resp: 546645
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.2 4.9 7.3

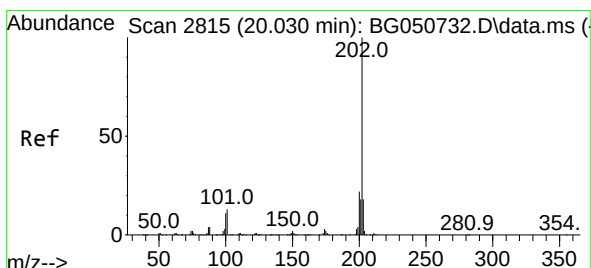
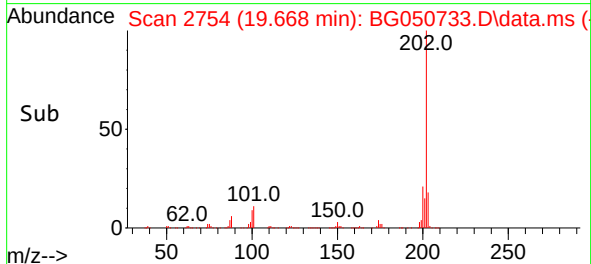
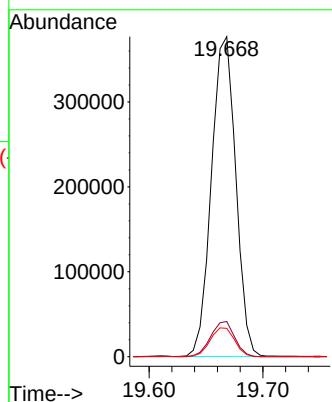
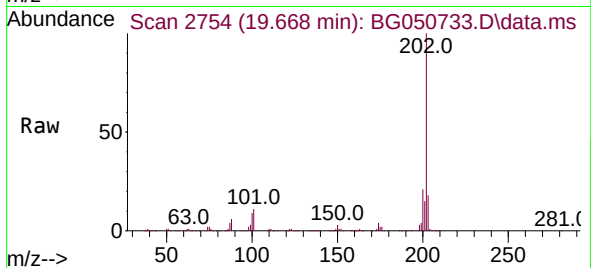




#80
Fluoranthene
Concen: 47.895 ng/u1
RT: 19.668 min Scan# 2754
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

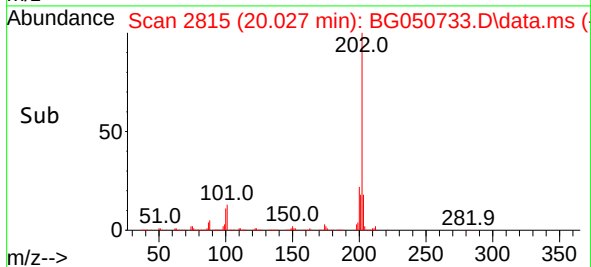
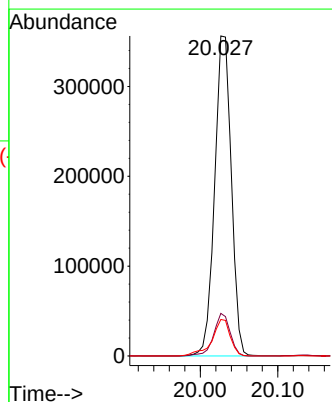
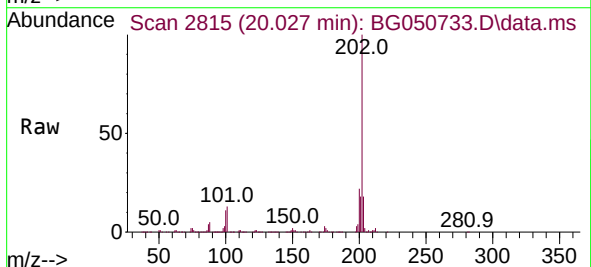
Instrument :
BNA_G
ClientSampleId :
SSTD040401

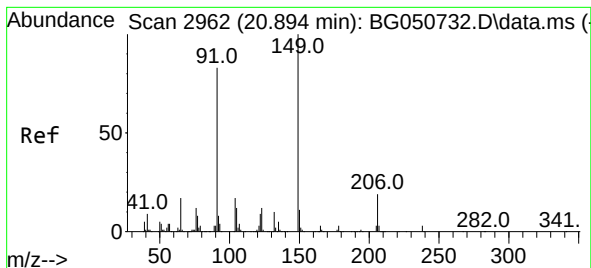
Tgt Ion:202 Resp: 559538
Ion Ratio Lower Upper
202 100
101 11.0 7.7 11.5
100 8.8 6.6 10.0



#82
Pyrene
Concen: 46.290 ng/u1
RT: 20.027 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:202 Resp: 533281
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 11.4 7.6 11.4





#83

Butylbenzylphthalate

Concen: 54.272 ng/ul

RT: 20.896 min Scan# 2963

Delta R.T. 0.002 min

Lab File: BG050733.D

Acq: 26 Oct 2021 16:13

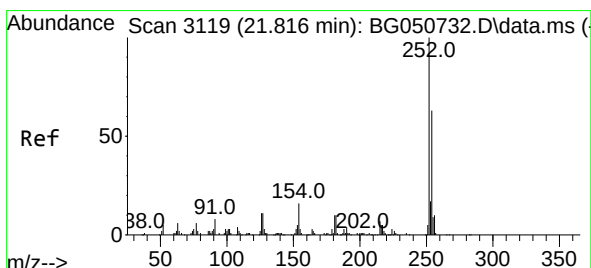
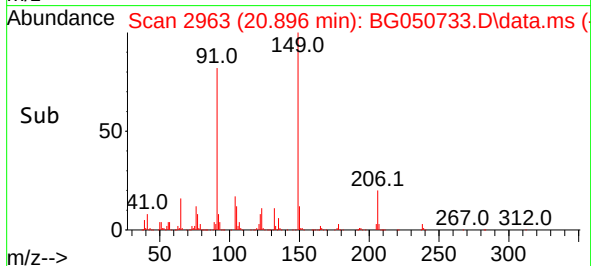
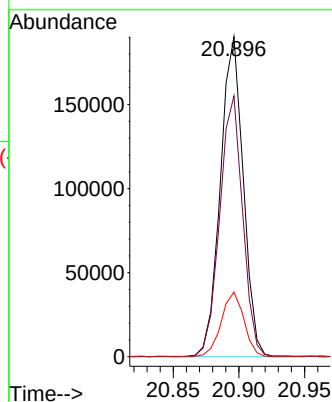
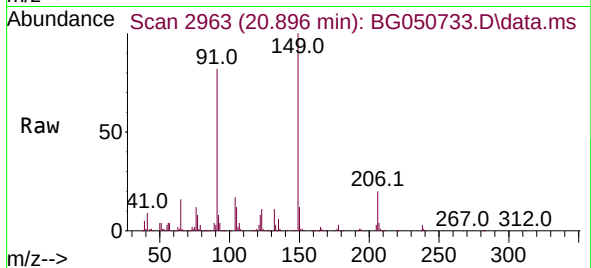
Tgt Ion:149 Resp: 230458

Ion Ratio Lower Upper

149 100

91 81.5 65.8 98.6

206 20.2 17.2 25.8



#84

3,3'-Dichlorobenzidine

Concen: 45.998 ng/ul

RT: 21.813 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BG050733.D

Acq: 26 Oct 2021 16:13

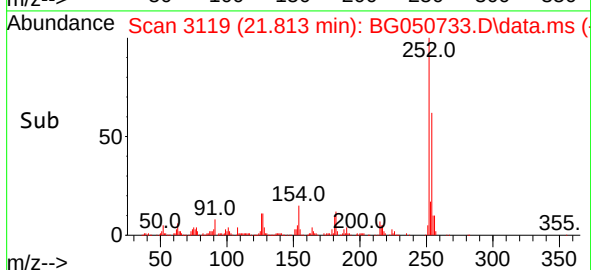
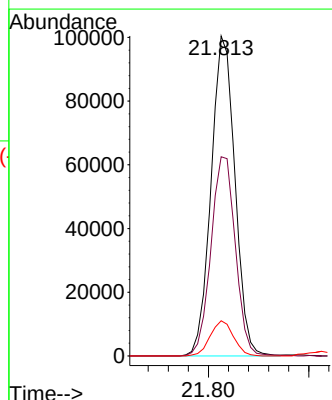
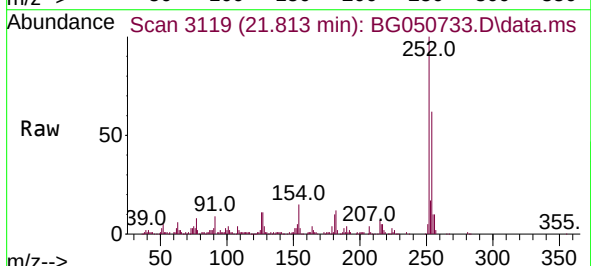
Tgt Ion:252 Resp: 165870

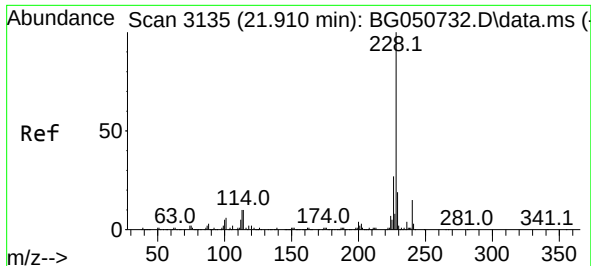
Ion Ratio Lower Upper

252 100

254 62.3 52.2 78.2

126 11.0 8.3 12.5

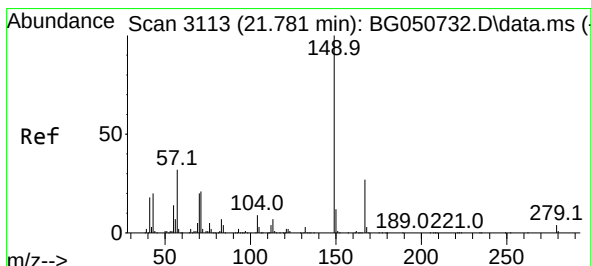
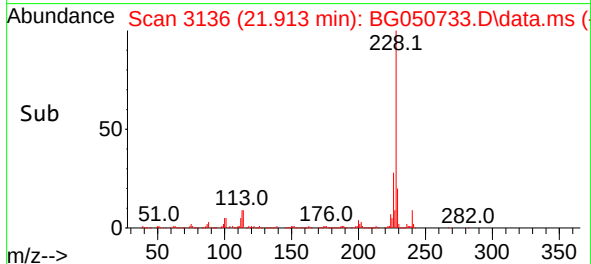
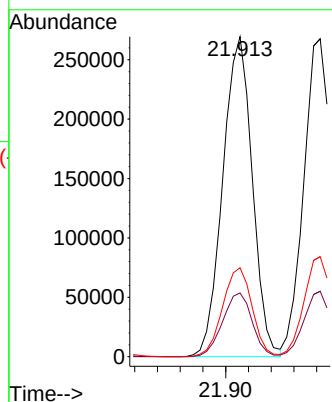
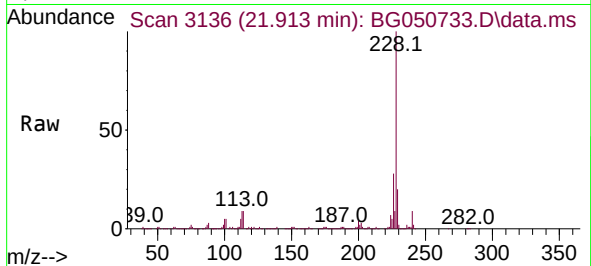




#85
Benzo(a)anthracene
Concen: 46.089 ng/ul
RT: 21.913 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

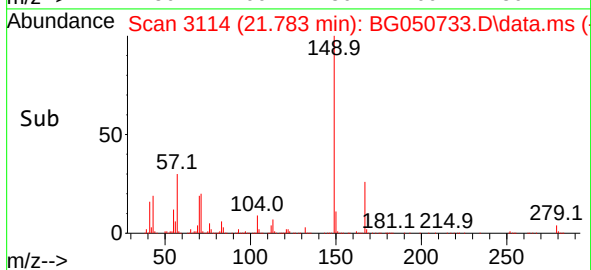
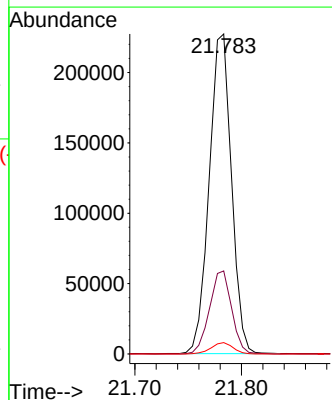
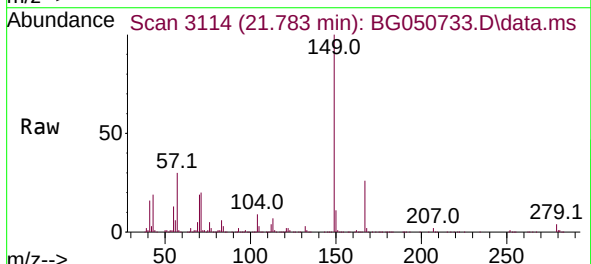
Instrument :
BNA_G
ClientSampleId :
SSTD040401

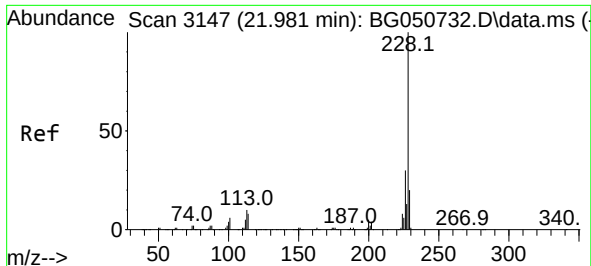
Tgt Ion:228 Resp: 486113
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.8 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 53.890 ng/ul
RT: 21.783 min Scan# 3114
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:149 Resp: 328834
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 3.5 2.8 4.2

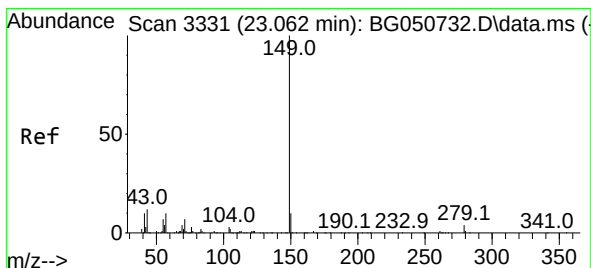
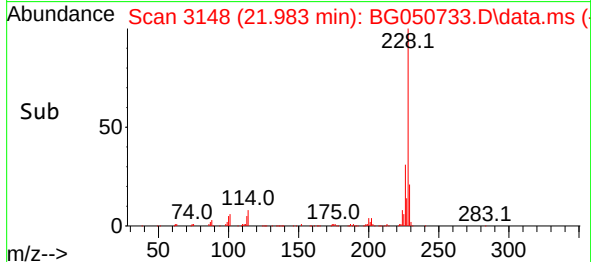
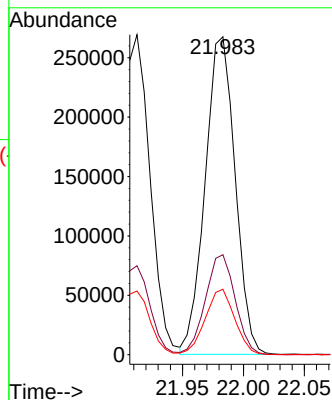
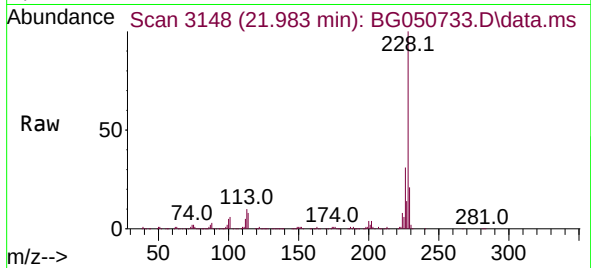




#87
Chrysene
Concen: 45.319 ng/ul
RT: 21.983 min Scan# 3148
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

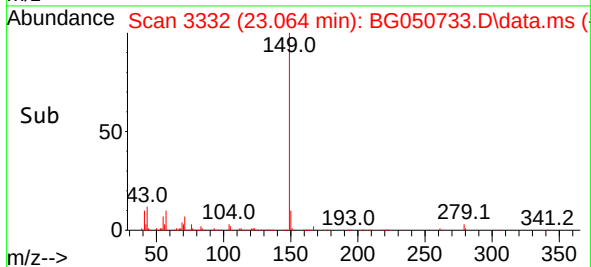
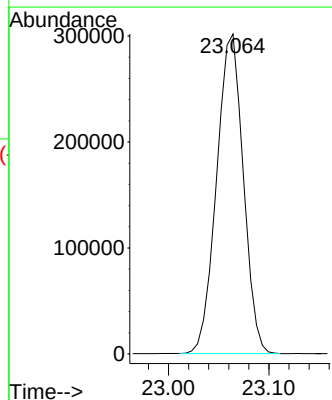
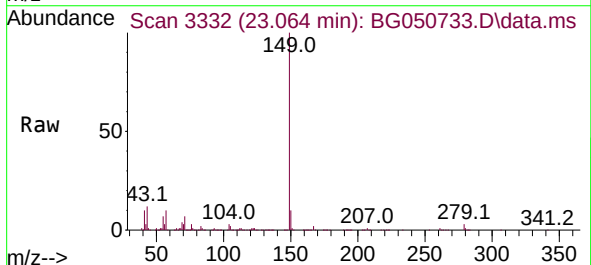
Instrument :
BNA_G
ClientSampleId :
SSTD040401

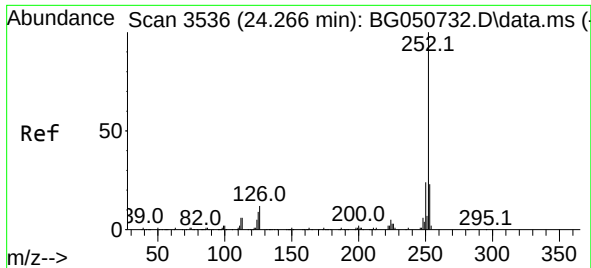
Tgt Ion:228 Resp: 458077
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 20.6 16.2 24.2



#89
Di-n-octyl phthalate
Concen: 56.655 ng/ul
RT: 23.064 min Scan# 3332
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:149 Resp: 556695

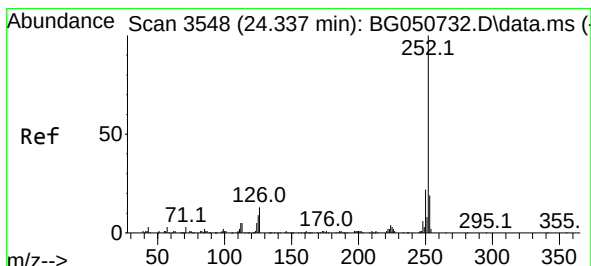
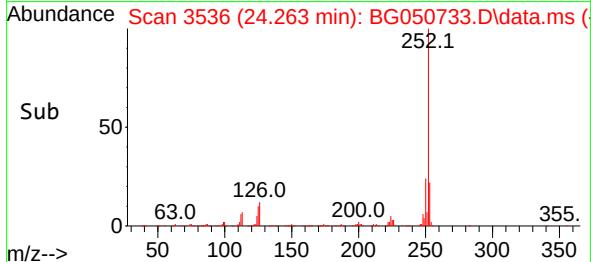
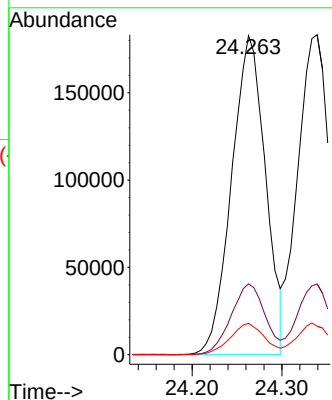
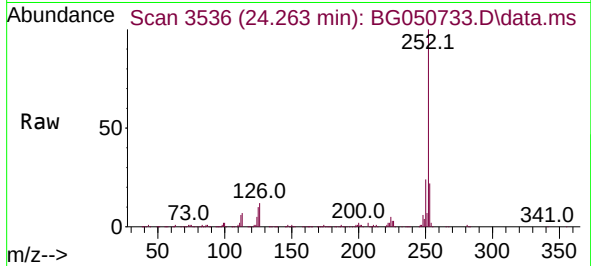




#90
Benzo(b)fluoranthene
Concen: 46.030 ng/ul
RT: 24.263 min Scan# 3536
Delta R.T. -0.004 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

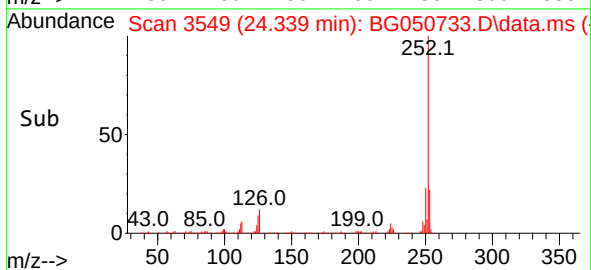
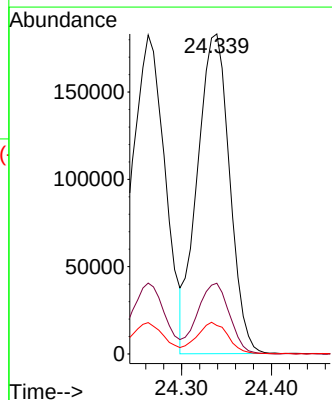
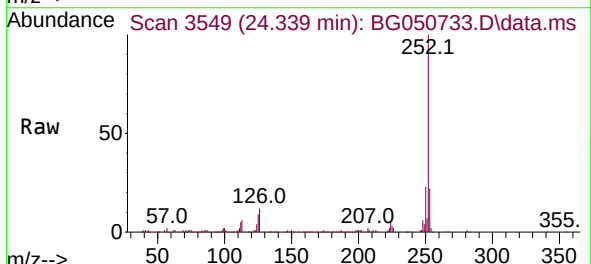
Instrument :
BNA_G
ClientSampleId :
SSTD040401

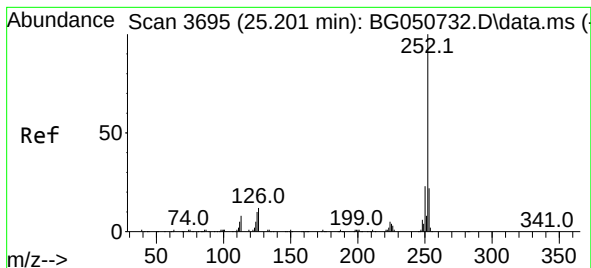
Tgt Ion:252 Resp: 479447
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.8 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 47.144 ng/ul
RT: 24.339 min Scan# 3549
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:252 Resp: 456931
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 8.9 7.4 11.0

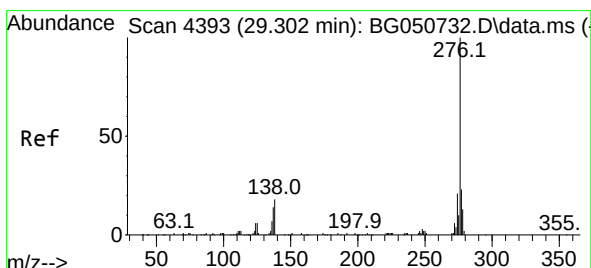
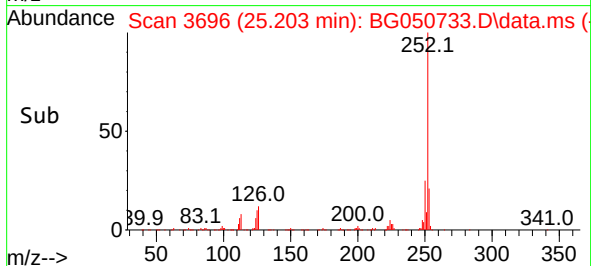
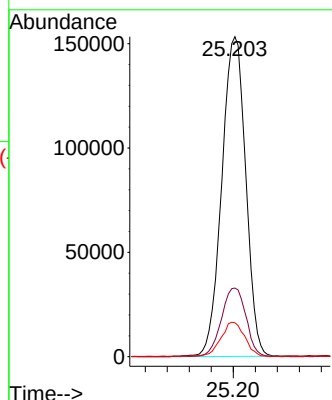
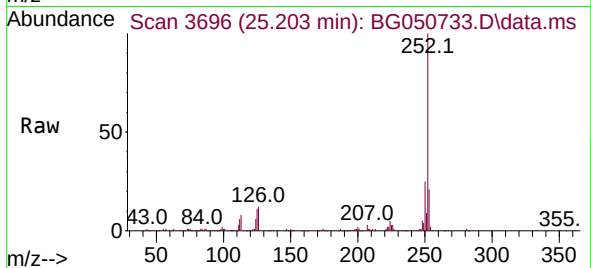




#93
Benzo(a)pyrene
Concen: 46.530 ng/ul
RT: 25.203 min Scan# 3696
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

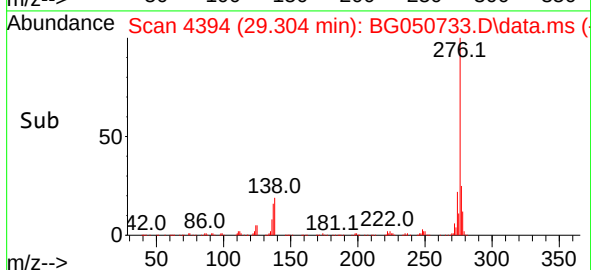
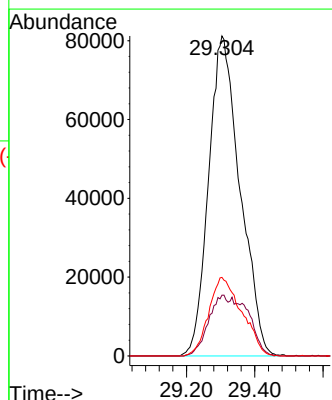
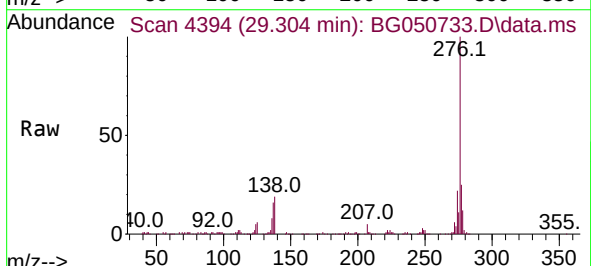
Instrument :
BNA_G
ClientSampleId :
SSTD040401

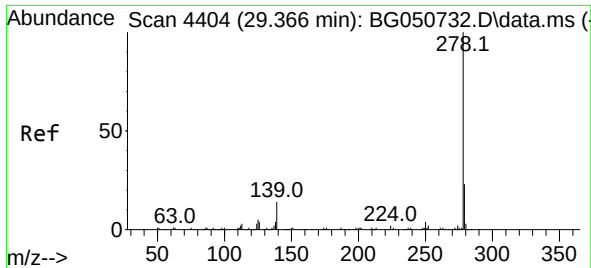
Tgt Ion:252 Resp: 462425
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 10.6 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 46.490 ng/ul
RT: 29.304 min Scan# 4394
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:276 Resp: 518741
Ion Ratio Lower Upper
276 100
138 19.0 12.4 18.6#
277 24.6 18.5 27.7

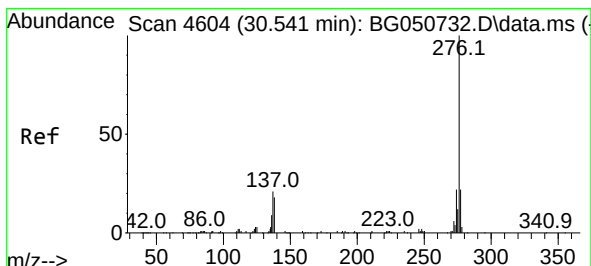
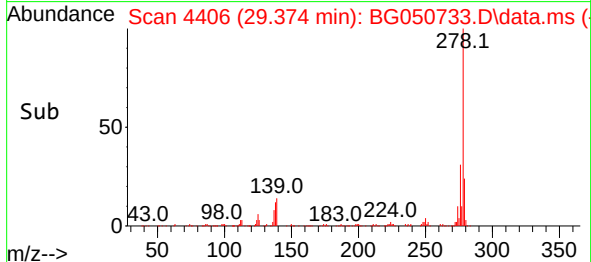
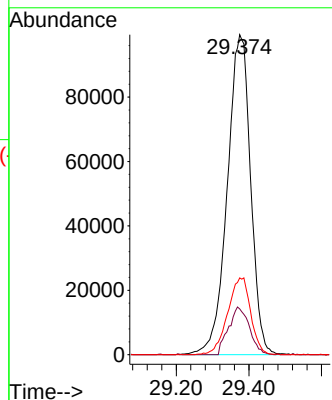
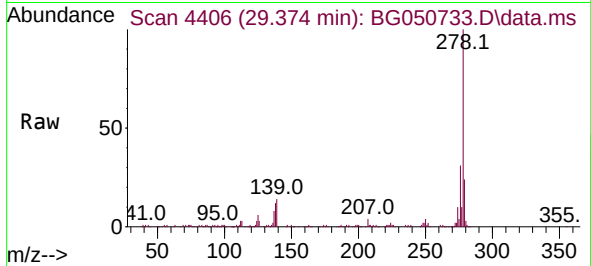




#95
Dibenzo(a,h)anthracene
Concen: 46.675 ng/ul
RT: 29.374 min Scan# 4406
Delta R.T. 0.008 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Tgt Ion:278 Resp: 443201
Ion Ratio Lower Upper
278 100
139 14.3 11.3 16.9
279 24.0 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 45.890 ng/ul
RT: 30.544 min Scan# 4605
Delta R.T. 0.002 min
Lab File: BG050733.D
Acq: 26 Oct 2021 16:13

Tgt Ion:276 Resp: 431638
Ion Ratio Lower Upper
276 100
138 18.7 14.1 21.1
277 22.8 17.9 26.9

