

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050389.D
 Acq On : 2 Oct 2021 14:11
 Operator : CG/JU
 Sample : M3877-17MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2L8MSD

Manual Integrations
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Quant Time: Oct 04 01:06:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	58001	20.00	ng/ul	0.00
20) Naphthalene-d8	11.098	136	241724	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	157876	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	330180	20.00	ng/ul	0.00
79) Chrysene-d12	21.938	240	289011	20.00	ng/ul	-0.01
88) Perylene-d12	25.358	264	288600	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	4863m	3.08	ng/uL	0.00
4) Pyridine-d5	4.065	84	44585	9.48	ng/ul	0.00
7) Phenol-d5	7.402	99	87407	17.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	54996	17.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.796	132	60851	17.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.959	113	66049	17.22	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	31849	18.83	ng/ul	0.00
24) 2-Nitrophenol-d4	10.164	143	34612	19.07	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.699	165	62875	17.54	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	79449	15.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	199145	18.43	ng/ul	-0.01
49) Acenaphthylene-d8	14.582	160	240712	17.74	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.052	143	36481	17.53	ng/ul	0.00
60) Fluorene-d10	15.875	176	172807	17.75	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.981	200	31612	19.20	ng/ul	0.00
73) Anthracene-d10	17.731	188	273041	19.57	ng/ul	0.00
81) Pyrene-d10	20.005	212	323436	21.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.123	264	280839	19.35	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.677	88	14325	7.50	ng/uL#	94
5) Pyridine	4.089	79	80694	16.93	ng/ul	98
6) Benzaldehyde	7.402	77	81170	24.29	ng/ul	96
8) Phenol	7.432	94	122122	23.51	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.679	93	90922	23.34	ng/ul	97
12) 2-Chlorophenol	7.825	128	82116	22.60	ng/ul	99
13) 2-Methylphenol	8.695	108	82473	21.55	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.789	45	139485	23.86	ng/ul	96
16) Acetophenone	9.095	105	141395	23.20	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.071	70	83486	22.80	ng/ul	93
18) 4-Methylphenol	9.024	108	89574	22.10	ng/ul	100
19) Hexachloroethane	9.365	117	35043	22.44	ng/ul	97
22) Nitrobenzene	9.482	77	120640	23.80	ng/ul	97
23) Isophorone	10.005	82	219146	22.50	ng/ul	99
25) 2-Nitrophenol	10.199	139	45590	24.44	ng/ul	96
26) 2,4-Dimethylphenol	10.240	107	68988	14.90	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.481	93	118394	22.52	ng/ul	96
29) 2,4-Dichlorophenol	10.728	162	80050	22.56	ng/ul	93
30) Naphthalene	11.145	128	268281	21.62	ng/ul	98
32) 4-Chloroaniline	11.245	127	104038	20.18	ng/ul	99
33) Hexachlorobutadiene	11.421	225	55208	21.41	ng/ul	94
34) Caprolactam	12.003	113	31719m	23.14	ng/ul	
35) 4-Chloro-3-methylphenol	12.338	107	96717	23.12	ng/ul	98
36) 2-Methylnaphthalene	12.731	142	190725	22.60	ng/ul	95

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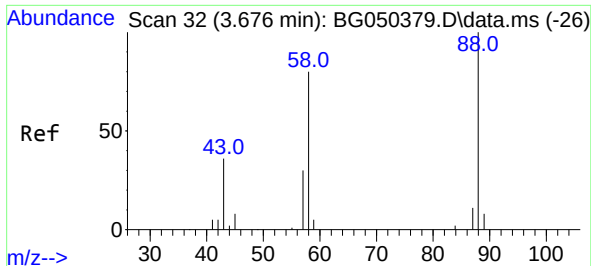
Manual Integrations
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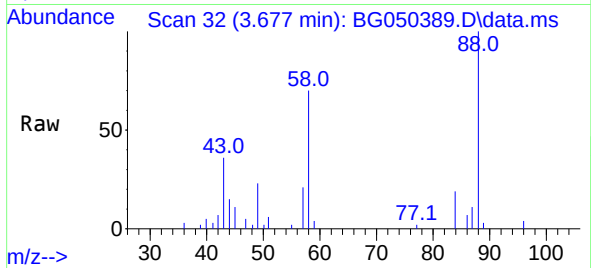
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.949	142	183437	21.60	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.090	216	104306	22.89	ng/ul	95
40) Hexachlorocyclopentadiene	13.066	237	45077	14.92	ng/ul	89
41) 2,4,6-Trichlorophenol	13.325	196	70333	24.49	ng/ul	99
42) 2,4,5-Trichlorophenol	13.395	196	77166	24.57	ng/ul	98
43) 1,1'-Biphenyl	13.724	154	244929	23.05	ng/ul	99
44) 2-Chloronaphthalene	13.771	162	190012	22.83	ng/ul	99
45) 2-Nitroaniline	13.965	65	73450	26.95	ng/ul	92
47) Dimethylphthalate	14.330	163	253256	23.30	ng/ul	100
48) 2,6-Dinitrotoluene	14.453	165	51685	25.28	ng/ul	95
50) Acenaphthylene	14.612	152	290420	21.10	ng/ul	99
51) 3-Nitroaniline	14.782	138	55479	24.94	ng/ul	86
52) Acenaphthene	14.952	153	212898	23.40	ng/ul	97
53) 2,4-Dinitrophenol	14.982	184	29414	23.08	ng/ul	95
55) 4-Nitrophenol	15.064	109	51031	24.80	ng/ul	96
56) Dibenzofuran	15.281	168	296035	22.38	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	76586	25.79	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.499	232	66551	24.64	ng/ul	92
59) Diethylphthalate	15.687	149	273599	24.12	ng/ul	99
61) Fluorene	15.934	166	236033	22.42	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.916	204	124675	21.87	ng/ul	91
63) 4-Nitroaniline	15.939	138	59728	26.59	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.992	198	42166	25.90	ng/ul	99
67) N-Nitrosodiphenylamine	16.127	169	220698	26.44	ng/ul	96
68) 4-Bromophenyl-phenylether	16.815	248	78743	25.62	ng/ul	93
69) Hexachlorobenzene	16.932	284	82044	25.35	ng/ul	96
70) Atrazine	17.068	200	91343	25.70	ng/ul	97
71) Pentachlorophenol	17.267	266	50340	23.75	ng/ul	98
72) Phenanthrene	17.673	178	413922	25.11	ng/ul	99
74) Anthracene	17.767	178	407342	24.96	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.695	216	109425	25.14	ng/uL	93
76) Pentachlorobenzene	15.199	250	95118	23.92	ng/uL	99
77) Carbazole	18.031	167	392476	26.86	ng/ul	100
78) Di-n-butylphthalate	18.572	149	465886	26.91	ng/ul	99
80) Fluoranthene	19.670	202	510062	26.43	ng/ul	99
82) Pyrene	20.035	202	493839	25.95	ng/ul	98
83) Butylbenzylphthalate	20.904	149	204958	29.22	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.821	252	120193	20.18	ng/ul	99
85) Benzo(a)anthracene	21.915	228	462234	26.53	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.797	149	309972	30.75	ng/ul	98
87) Chrysene	21.985	228	436892	26.17	ng/ul	99
89) Di-n-octyl phthalate	23.084	149	508663	30.67	ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	466456	26.54	ng/ul	98
91) Benzo(k)fluoranthene	24.341	252	452419	27.66	ng/ul	99
93) Benzo(a)pyrene	25.199	252	404305	24.11	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.289	276	506839	26.92	ng/ul	98
95) Dibenzo(a,h)anthracene	29.365	278	425146	26.53	ng/ul	98
96) Benzo(g,h,i)perylene	30.522	276	320794	20.21	ng/ul	96

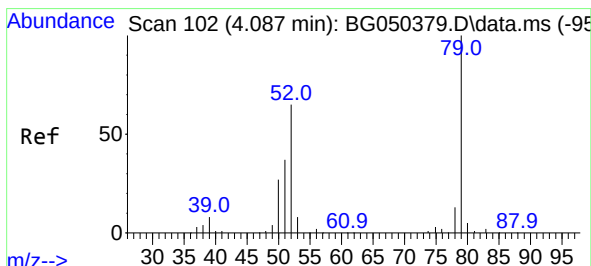
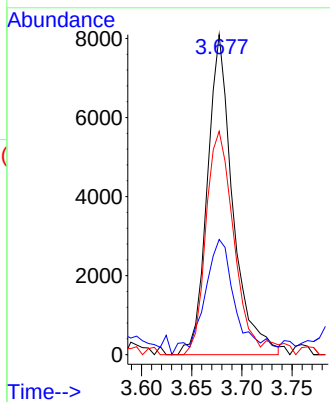
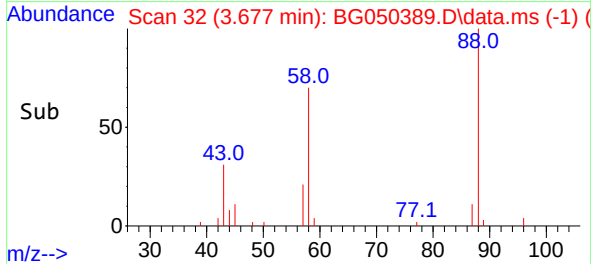
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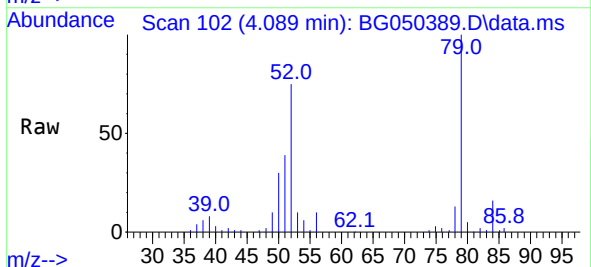
#2
1,4-Dioxane
Concen: 7.50 ng/uL
RT: 3.677 min Scan# 32
Delta R.T. 0.001 min
Lab File: BG050389.D
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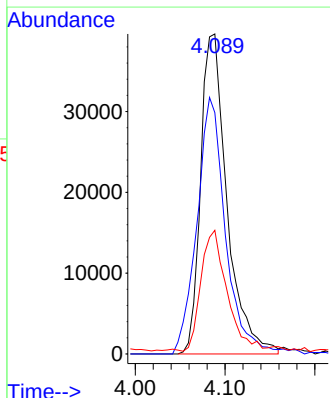
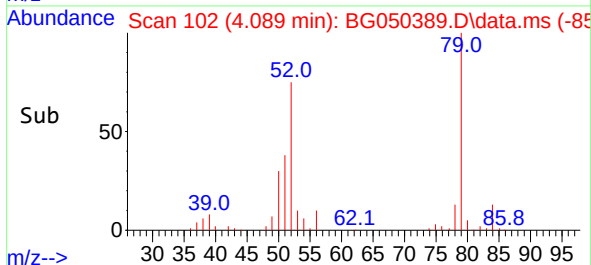
Tgt Ion: 88 Resp: 14325
Ion Ratio Lower Upper
88 100
43 36.0 23.8 35.8#
58 69.8 53.7 80.5



#5
Pyridine
Concen: 16.93 ng/uL
RT: 4.089 min Scan# 102
Delta R.T. 0.002 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



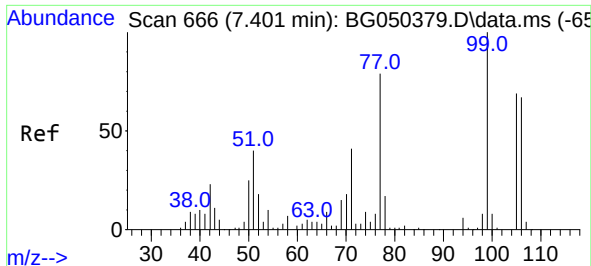
Tgt Ion: 79 Resp: 80694
Ion Ratio Lower Upper
79 100
52 75.4 61.8 92.8
51 38.6 30.6 45.8



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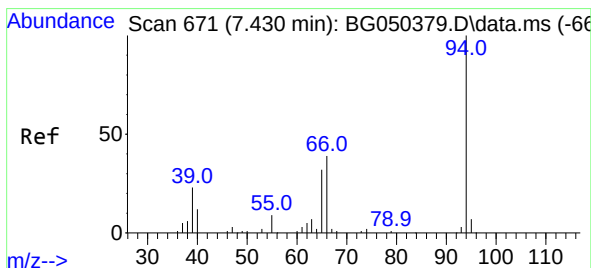
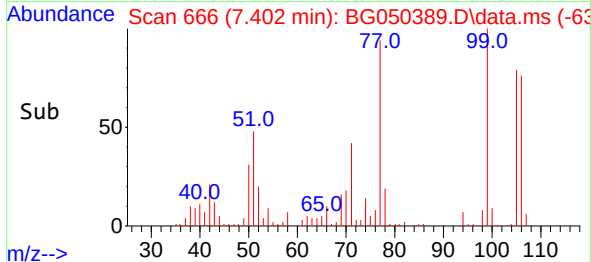
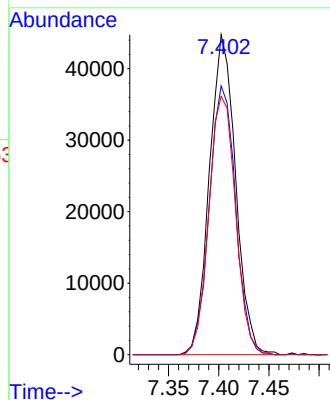
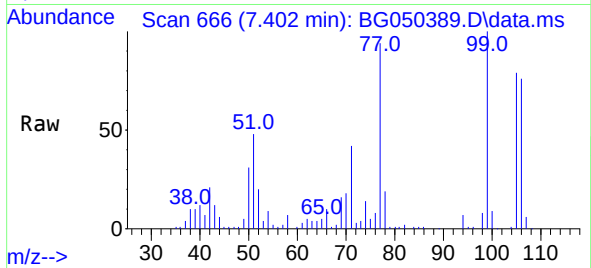
#6
Benzaldehyde
Concen: 24.29 ng/ul
RT: 7.402 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	77	Resp:	81170
Ion	Ratio	Lower	Upper
77	100		
105	84.0	64.2	96.4
106	80.7	62.1	93.1

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

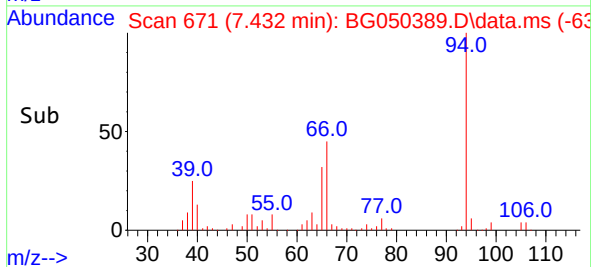
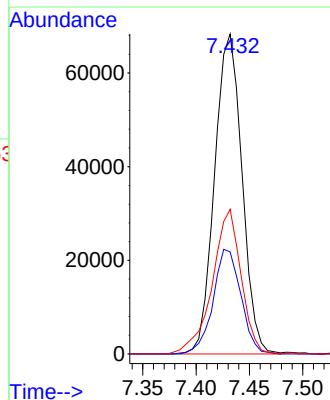
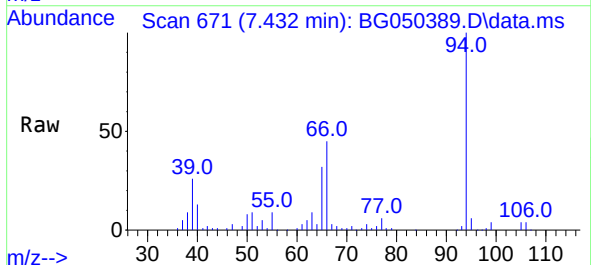
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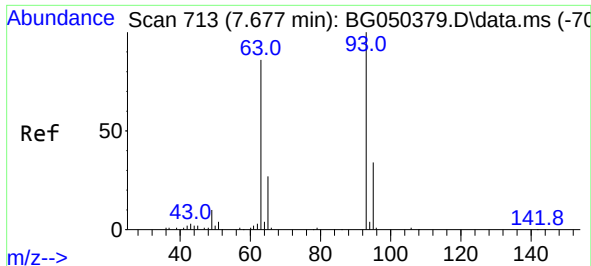
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#8
Phenol
Concen: 23.51 ng/ul
RT: 7.432 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

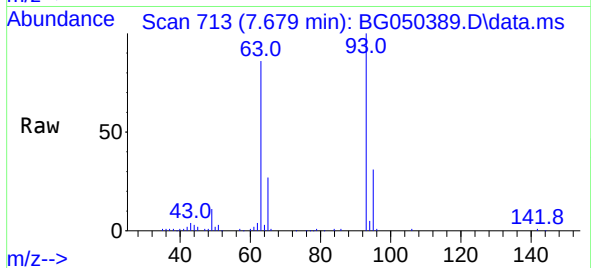
Tgt Ion:	94	Resp:	122122
Ion	Ratio	Lower	Upper
94	100		
65	31.9	25.3	37.9
66	45.2	34.9	52.3





#10
Bis(2-Chloroethyl)ether
Concen: 23.34 ng/ul
RT: 7.679 min Scan# 713
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

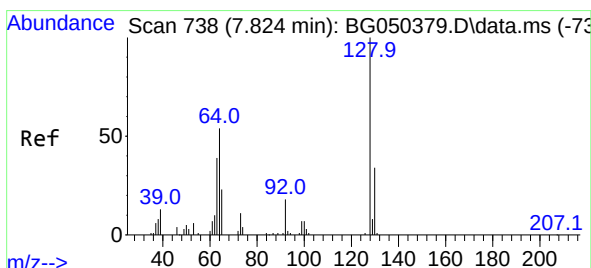
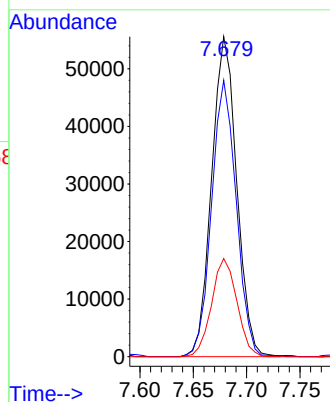
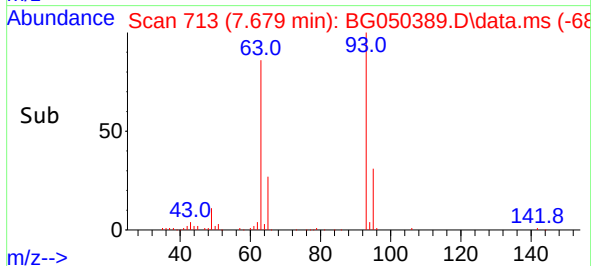
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ClientSampleId :
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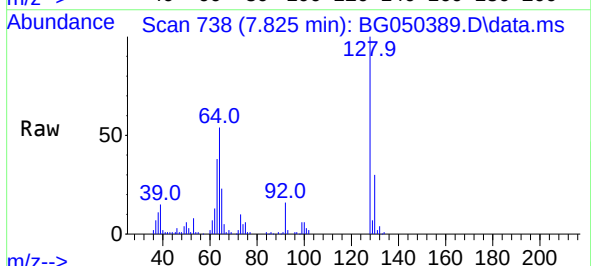
Tgt Ion:	93	Resp:	90922
Ion	Ratio	Lower	Upper
93	100		
63	86.3	66.9	100.3
95	30.7	26.1	39.1

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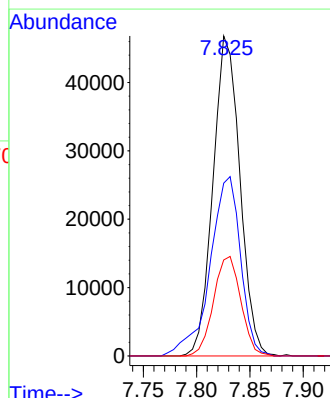
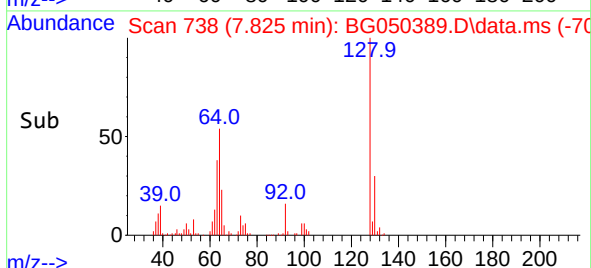
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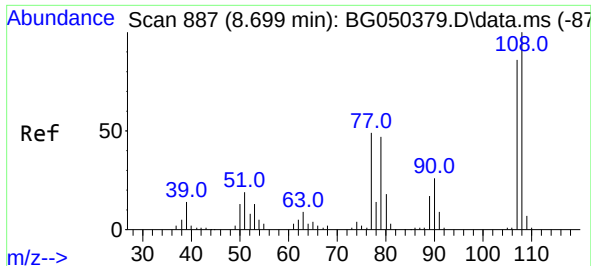


#12
2-Chlorophenol
Concen: 22.60 ng/ul
RT: 7.825 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:	128	Resp:	82116
Ion	Ratio	Lower	Upper
128	100		
64	54.0	43.2	64.8
130	30.0	22.4	33.6





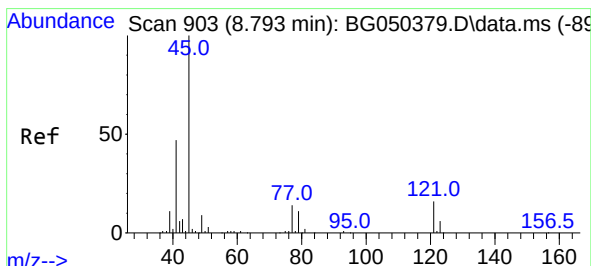
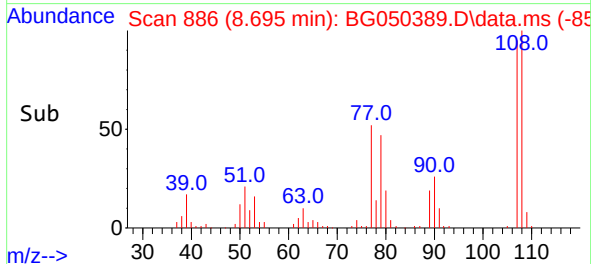
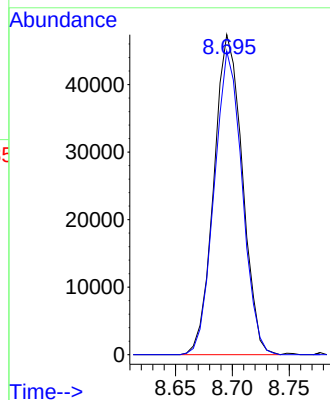
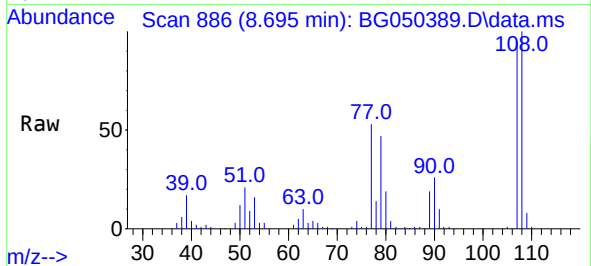
#13
2-Methylphenol
Concen: 21.55 ng/ul
RT: 8.695 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG050389.D
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Tgt Ion: 108 Resp: 82473
Ion Ratio Lower Upper
108 100
107 94.9 75.5 113.3

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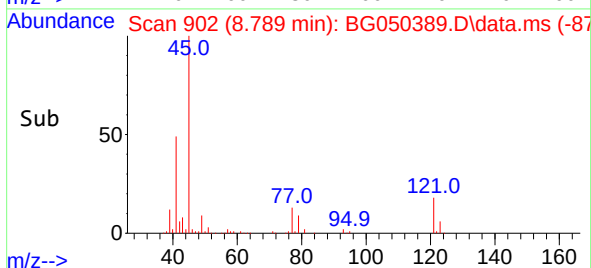
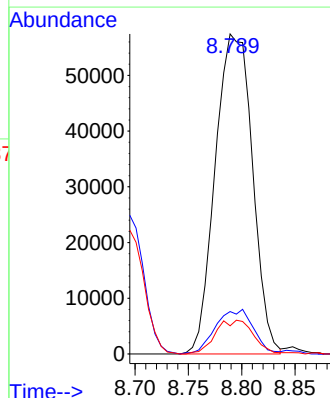
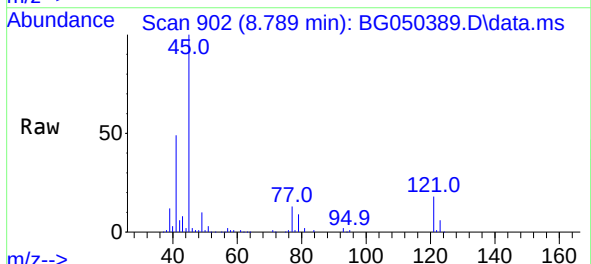
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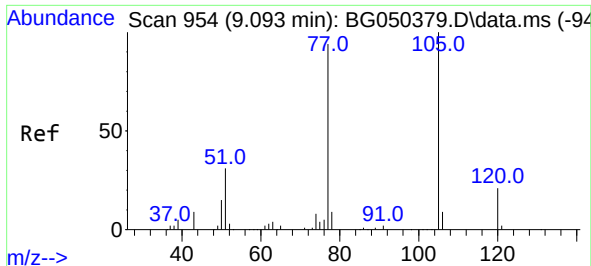
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.86 ng/ul
RT: 8.789 min Scan# 902
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

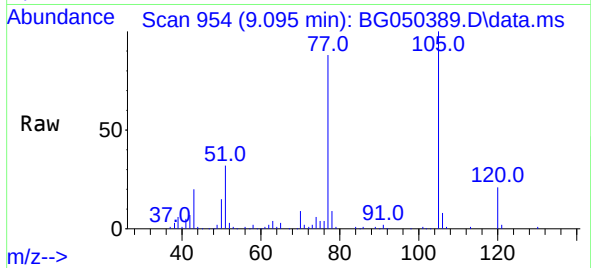
Tgt Ion: 45 Resp: 139485
Ion Ratio Lower Upper
45 100
77 13.3 11.4 17.2
79 8.8 8.6 13.0





#16
Acetophenone
Concen: 23.20 ng/ul
RT: 9.095 min Scan# 954
Delta R.T. -0.010 min
Lab File: BG050389.D
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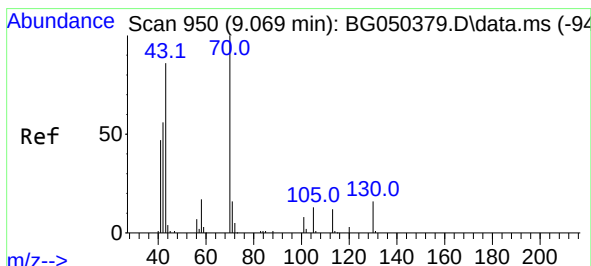
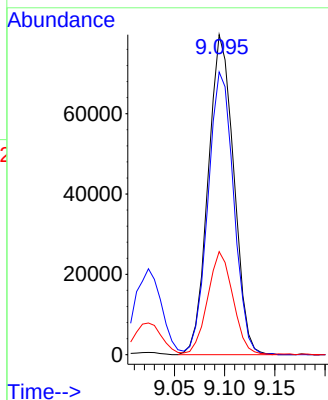
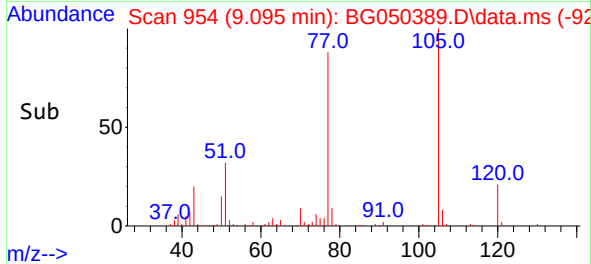
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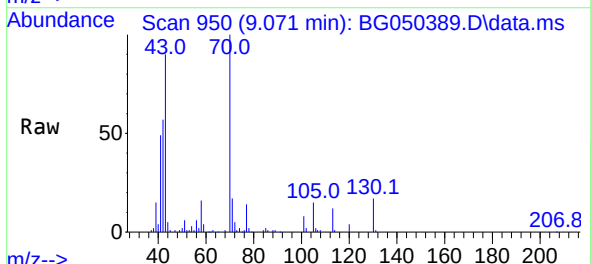
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Ion Ratio Lower Upper
105 100
77 88.3 72.1 108.1
51 32.2 24.6 36.8

Manual Integrations
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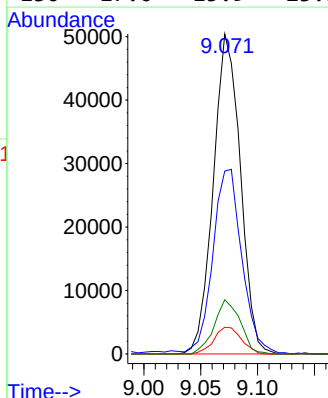
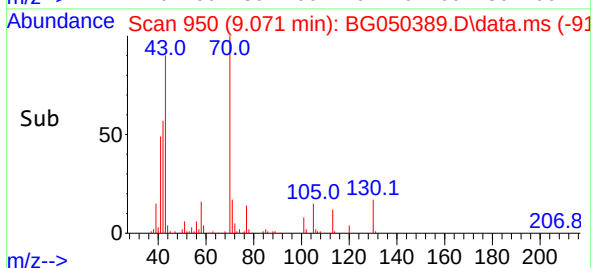
mohammad
10/4/2021 11:51:17 AM

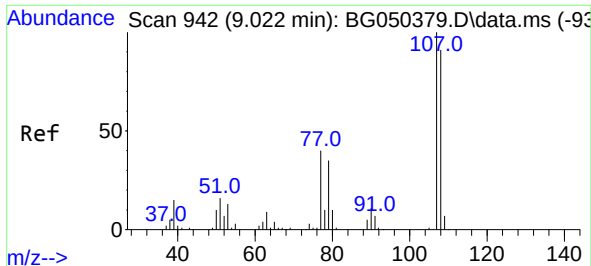


#17
N-Nitroso-di-n-propylamine
Concen: 22.80 ng/ul
RT: 9.071 min Scan# 950
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion: 70 Resp: 83486
Ion Ratio Lower Upper
70 100
42 57.1 50.4 75.6
101 8.3 7.8 11.6
130 17.0 15.9 23.9





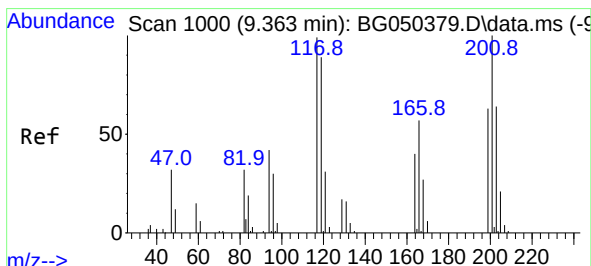
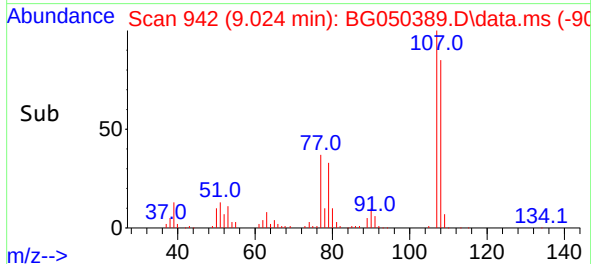
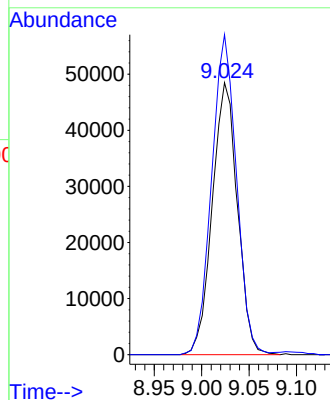
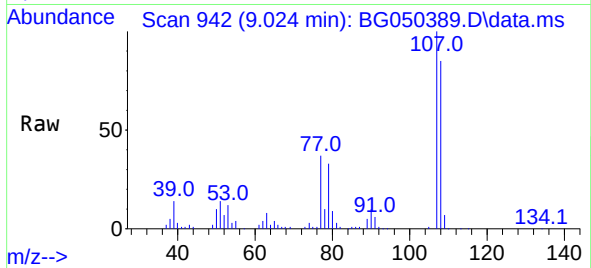
#18
4-Methylphenol
Concen: 22.10 ng/ul
RT: 9.024 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:108 Resp: 89574
Ion Ratio Lower Upper
108 100
107 117.7 93.8 140.8

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

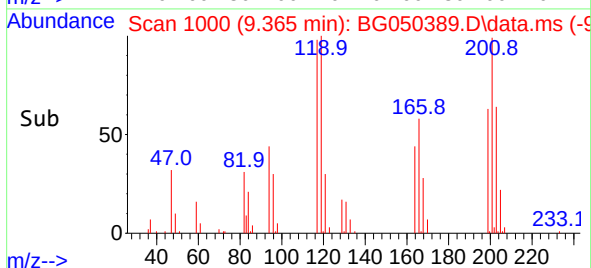
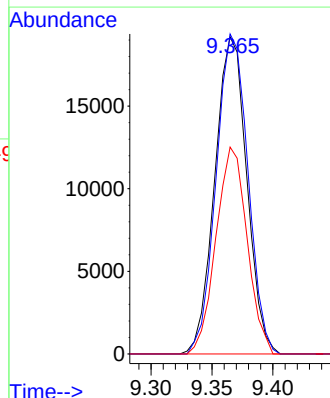
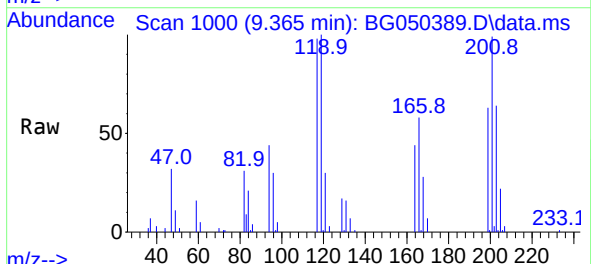
Manual Integrations
APPROVED

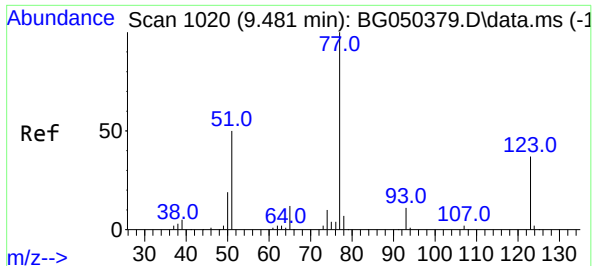
mohammad
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#19
Hexachloroethane
Concen: 22.44 ng/ul
RT: 9.365 min Scan# 1000
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:117 Resp: 35043
Ion Ratio Lower Upper
117 100
201 100.9 83.0 124.4
199 65.2 53.8 80.6





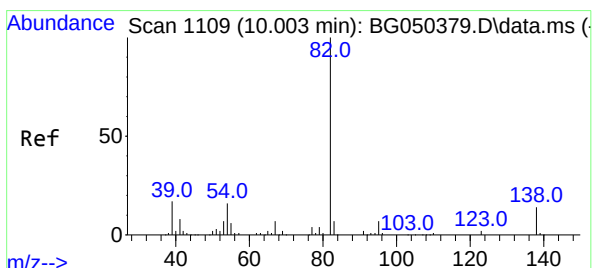
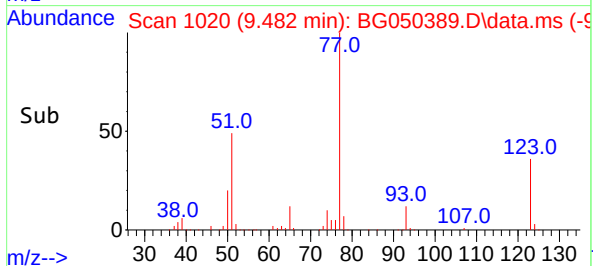
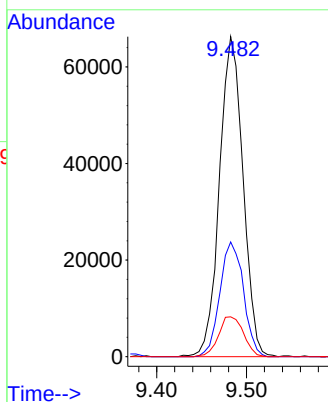
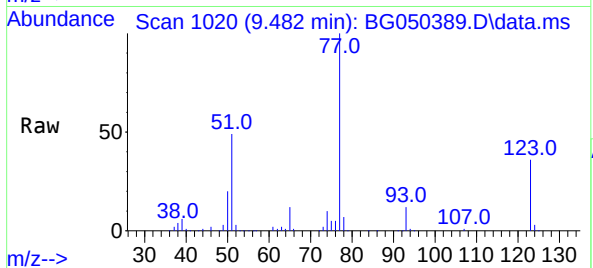
#22
Nitrobenzene
Concen: 23.80 ng/ul
RT: 9.482 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion: 77 Resp: 120640
Ion Ratio Lower Upper
77 100
123 35.9 29.9 44.9
65 12.4 11.0 16.4

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

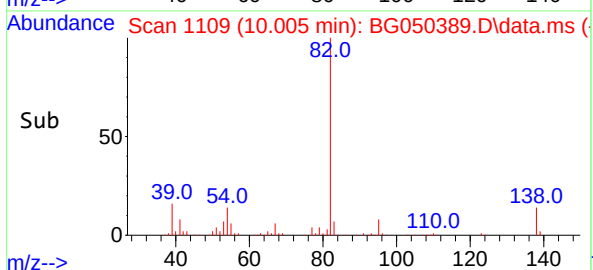
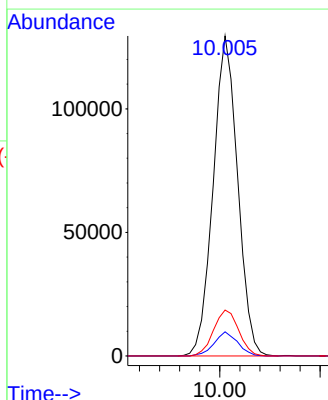
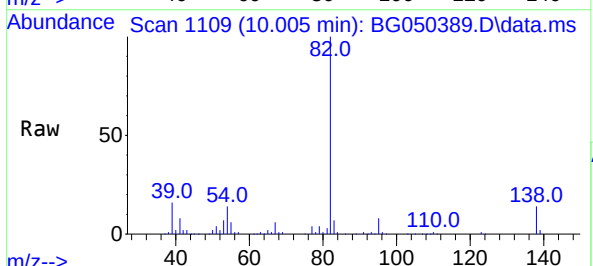
Manual Integrations
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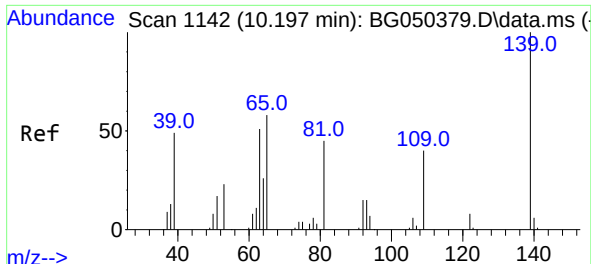
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#23
Isophorone
Concen: 22.50 ng/ul
RT: 10.005 min Scan# 1109
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion: 82 Resp: 219146
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 14.3 11.6 17.4





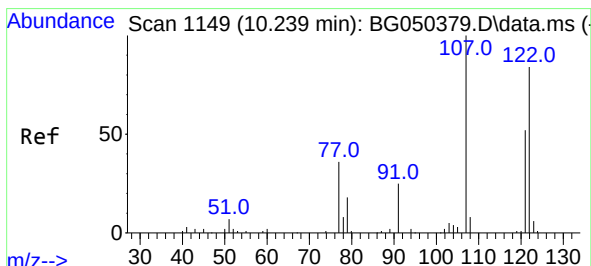
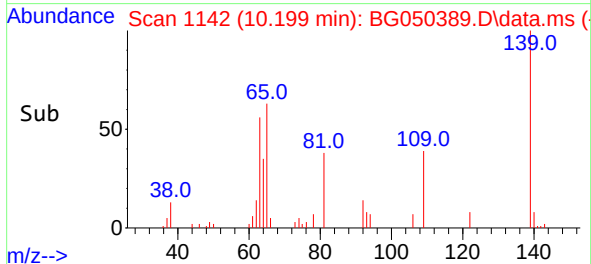
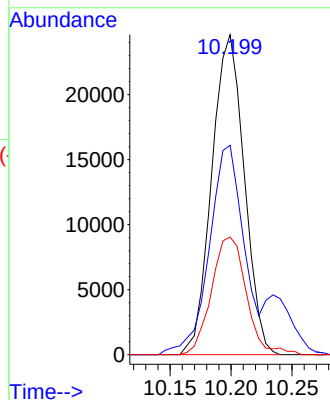
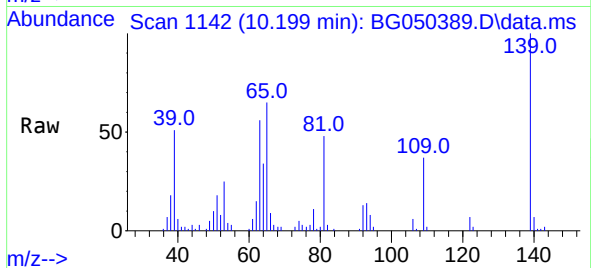
#25
2-Nitrophenol
Concen: 24.44 ng/ul
RT: 10.199 min Scan# 1142
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	139	Resp:	45590
Ion Ratio	Lower	Upper	
139	100		
65	65.4	49.1	73.7
109	36.7	28.6	42.8

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

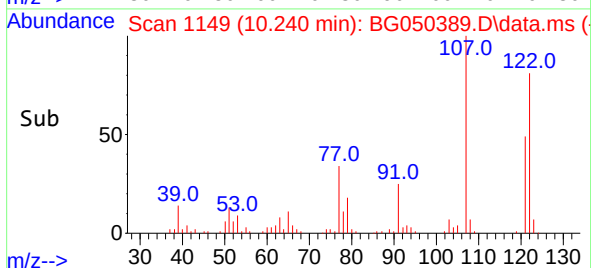
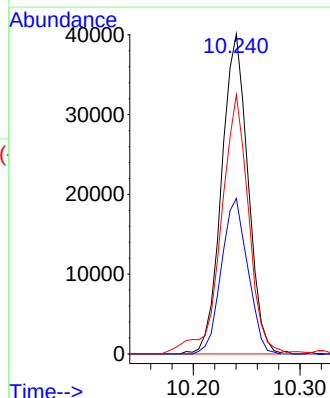
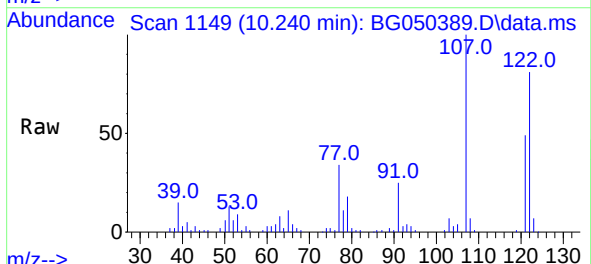
Manual Integrations
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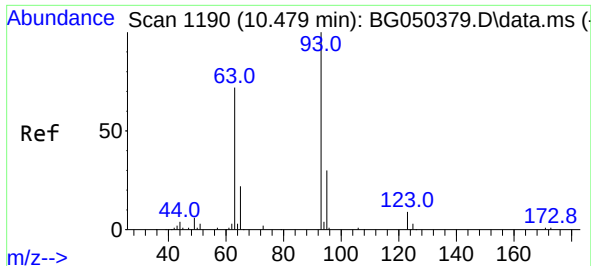
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#26
2,4-Dimethylphenol
Concen: 14.90 ng/ul
RT: 10.240 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	107	Resp:	68988
Ion Ratio	Lower	Upper	
107	100		
121	48.6	39.0	58.6
122	81.0	64.6	97.0





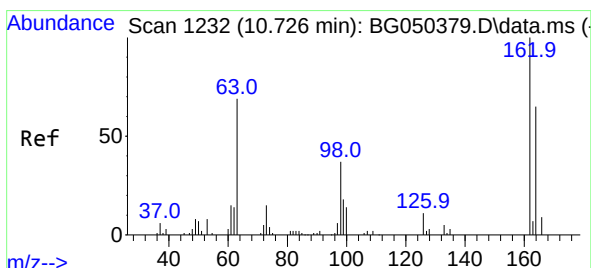
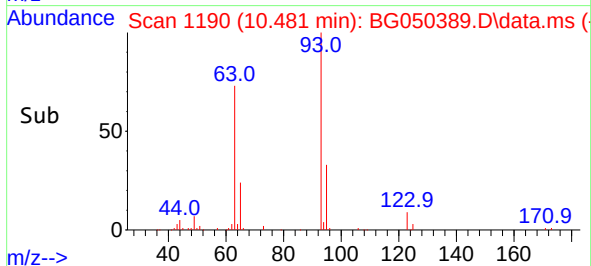
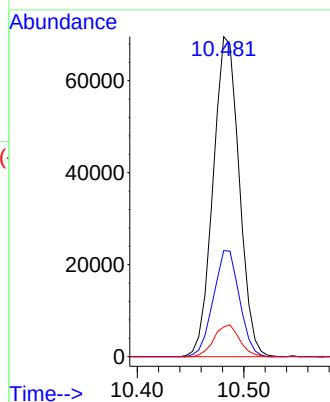
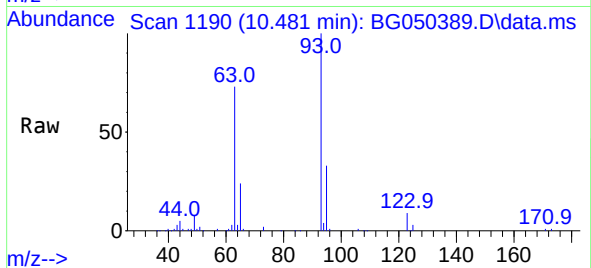
#27
Bis(2-Chloroethoxy)methane
Concen: 22.52 ng/ul
RT: 10.481 min Scan# 1190
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion: 93 Resp: 118394
Ion Ratio Lower Upper
93 100
95 33.2 24.6 37.0
123 9.3 8.3 12.5

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

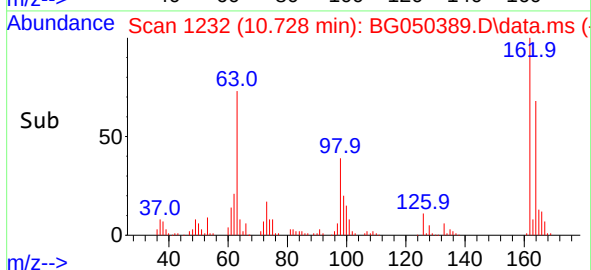
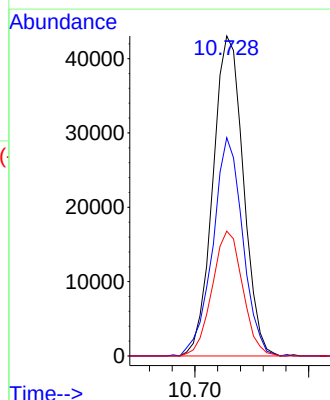
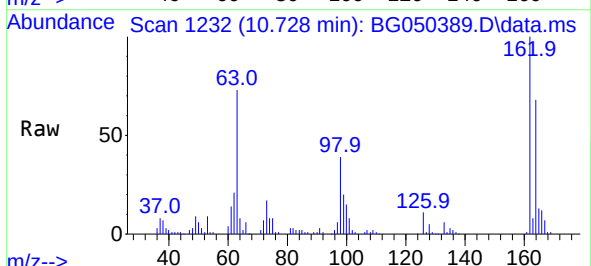
Manual Integrations
APPROVED

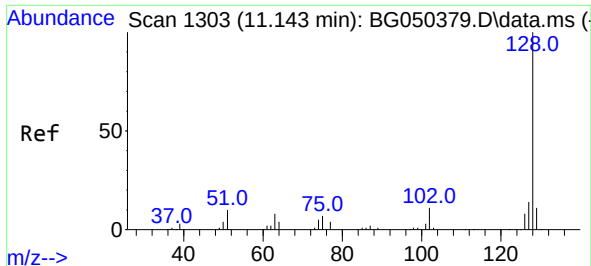
mohammad
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#29
2,4-Dichlorophenol
Concen: 22.56 ng/ul
RT: 10.728 min Scan# 1232
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

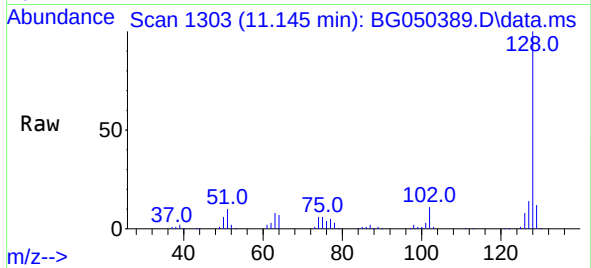
Tgt Ion: 162 Resp: 80050
Ion Ratio Lower Upper
162 100
164 68.2 49.4 74.0
98 39.0 29.0 43.4





#30
Naphthalene
Concen: 21.62 ng/ul
RT: 11.145 min Scan# 1303
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

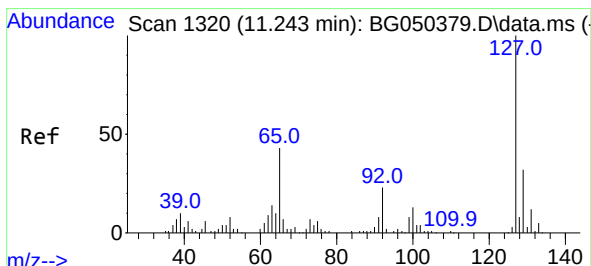
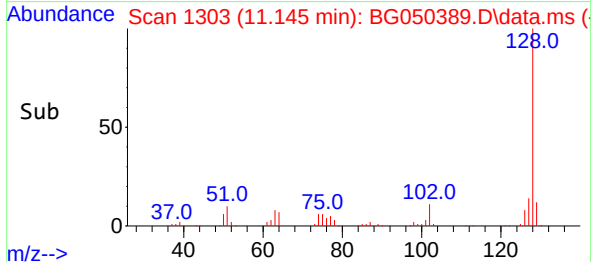
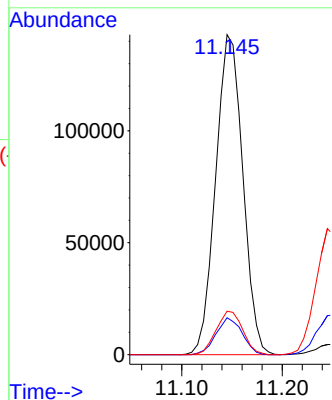
Instrument :
BNA_G
ClientSampled :
EW2L8MSD



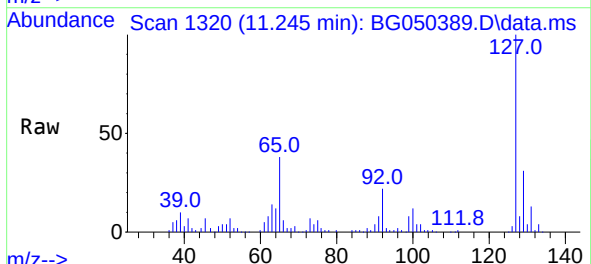
Tgt Ion:128 Resp: 268281
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.2
127 13.6 11.0 16.4

Manual Integrations
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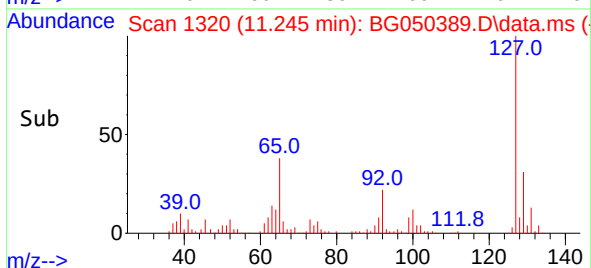
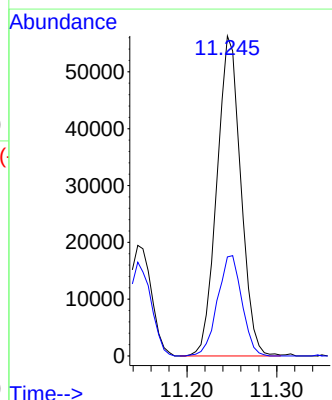
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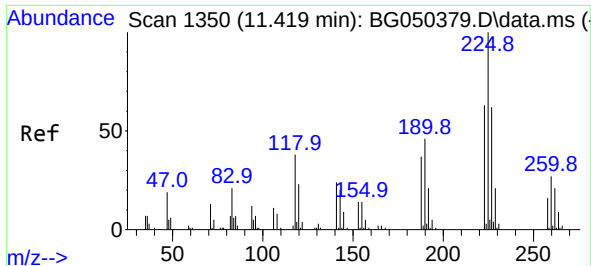


#32
4-Chloroaniline
Concen: 20.18 ng/ul
RT: 11.245 min Scan# 1320
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

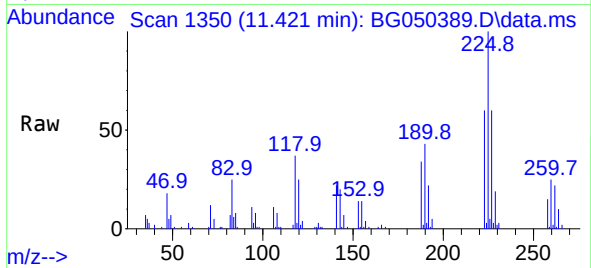


Tgt Ion:127 Resp: 104038
Ion Ratio Lower Upper
127 100
129 31.0 24.3 36.5

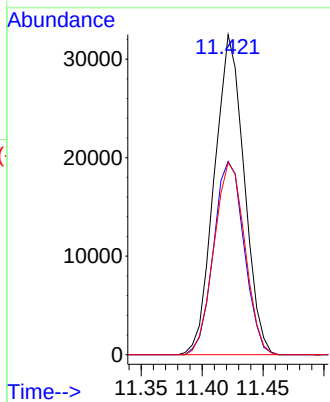
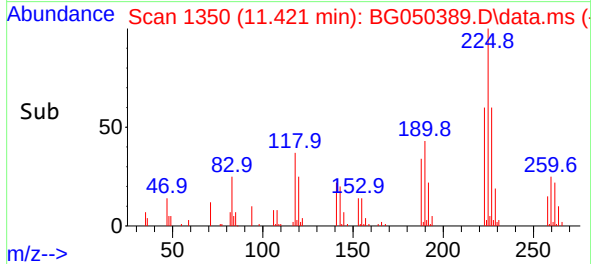




#33
Hexachlorobutadiene
Concen: 21.41 ng/ul
RT: 11.421 min Scan# 1350
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



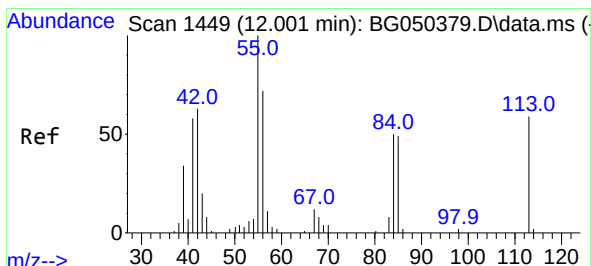
Tgt Ion:225 Resp: 55208
Ion Ratio Lower Upper
225 100
223 60.4 51.1 76.7
227 60.1 52.7 79.1



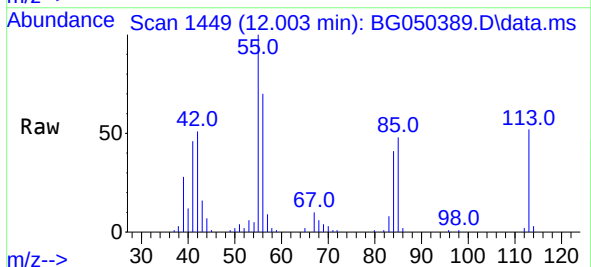
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

Manual Integrations
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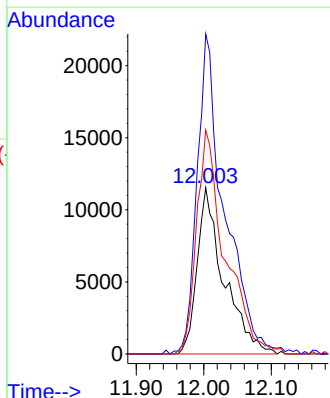
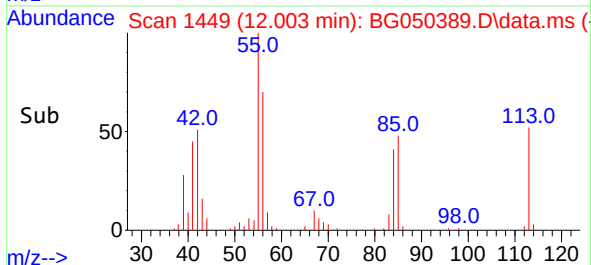
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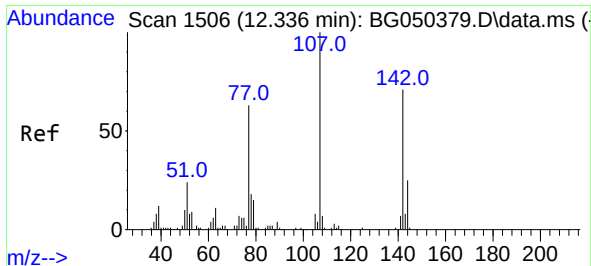


#34
Caprolactam
Concen: 23.14 ng/ul m
RT: 12.003 min Scan# 1449
Delta R.T. -0.016 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:113 Resp: 31719
Ion Ratio Lower Upper
113 100
55 192.4 144.1 216.1
56 134.6 105.8 158.8





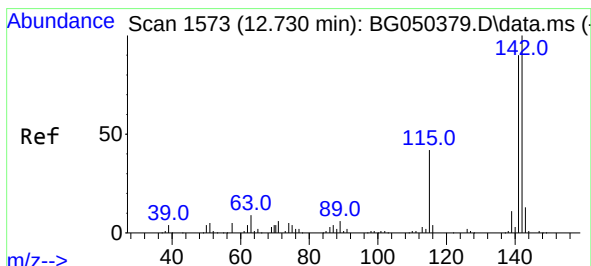
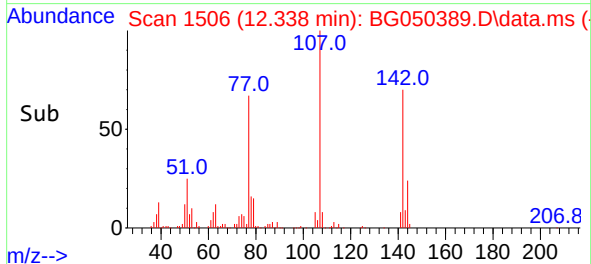
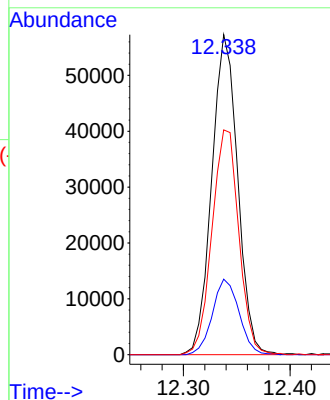
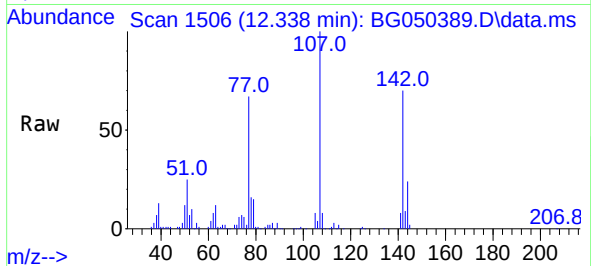
#35
4-Chloro-3-methylphenol
Concen: 23.12 ng/ul
RT: 12.338 min Scan# 1506
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	107	Resp:	96717
Ion Ratio	Lower	Upper	
107	100		
144	23.6	16.8	25.2
142	70.2	55.4	83.2

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

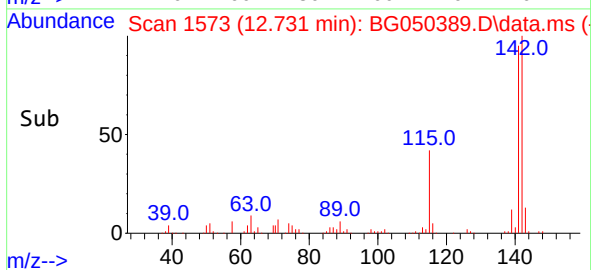
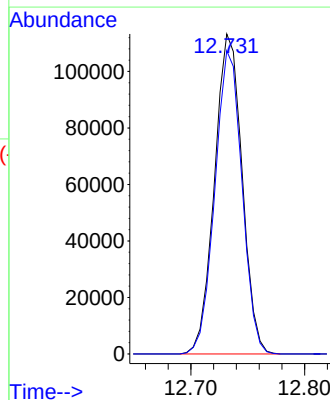
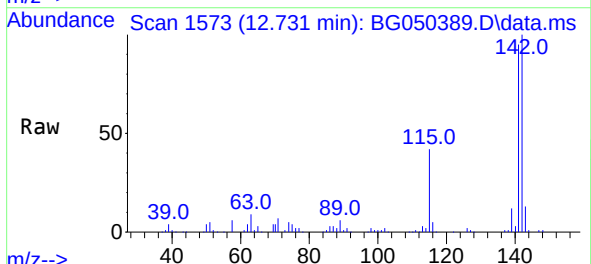
Manual Integrations
APPROVED

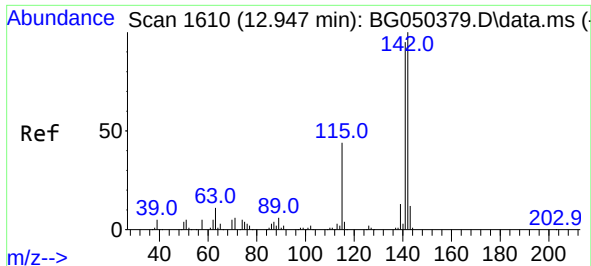
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#36
2-Methylnaphthalene
Concen: 22.60 ng/ul
RT: 12.731 min Scan# 1573
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

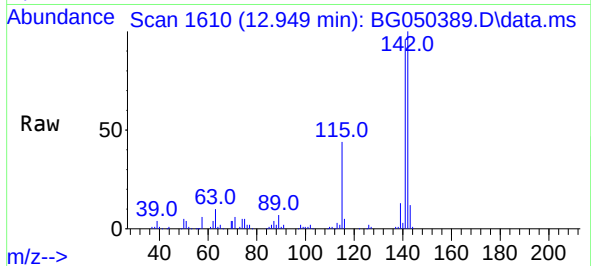
Tgt Ion:	142	Resp:	190725
Ion Ratio	Lower	Upper	
142	100		
141	94.7	72.0	108.0





#37
1-Methylnaphthalene
Concen: 21.60 ng/ul
RT: 12.949 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

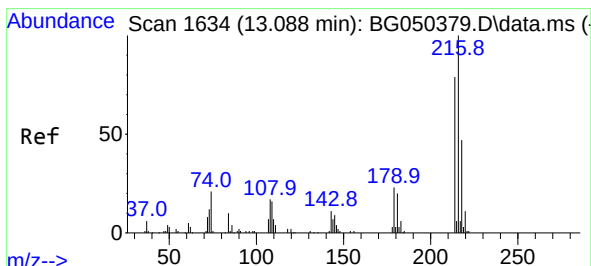
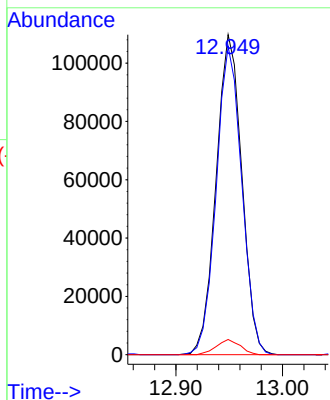
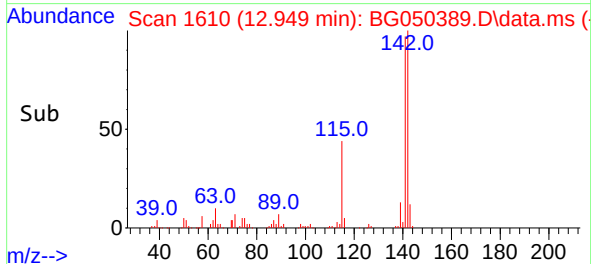
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



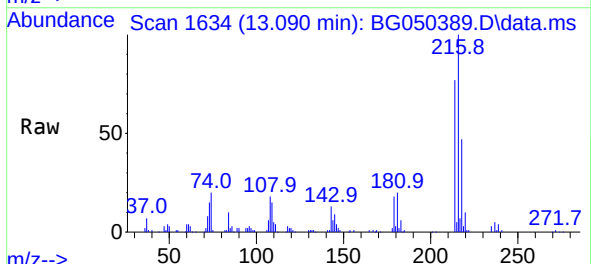
Tgt Ion:142 Resp: 183437
Ion Ratio Lower Upper
142 100
141 96.3 78.9 118.3
116 4.8 3.8 5.6

Manual Integrations
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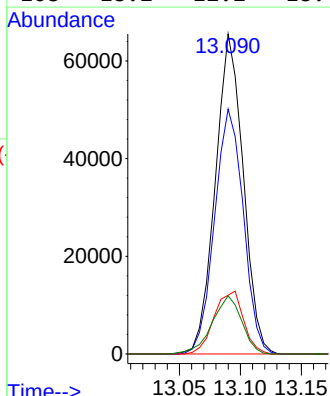
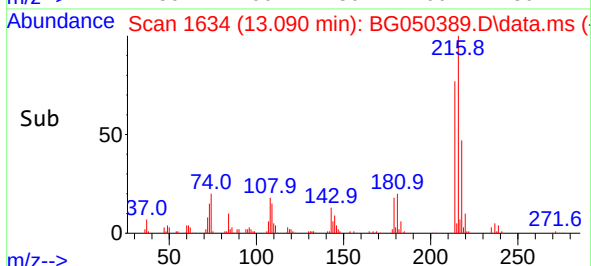
mohammad
10/4/2021 11:51:17 AM

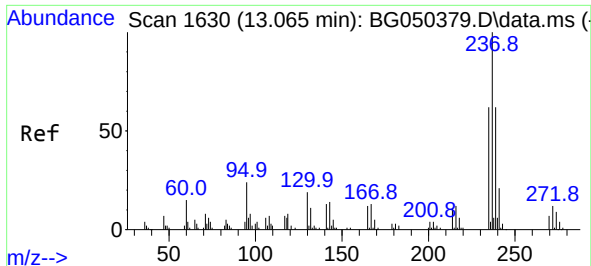


#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.89 ng/ul
RT: 13.090 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:216 Resp: 104306
Ion Ratio Lower Upper
216 100
214 76.5 65.0 97.4
179 18.4 16.5 24.7
108 18.2 12.2 18.4





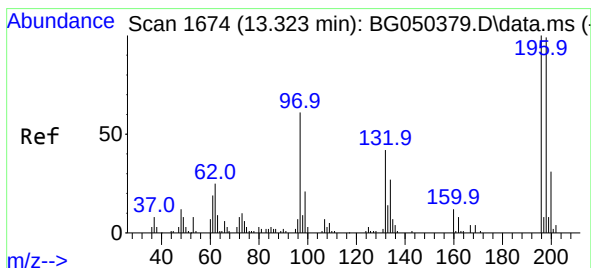
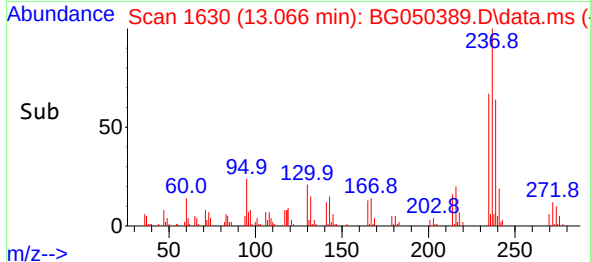
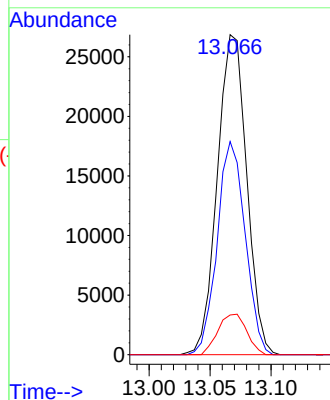
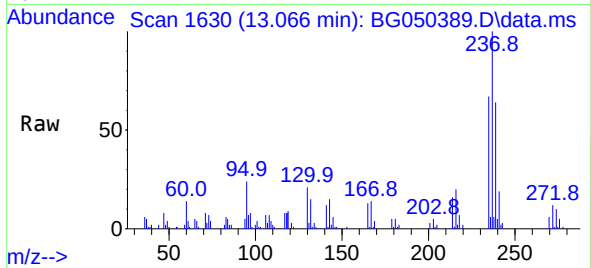
#40
Hexachlorocyclopentadiene
Concen: 14.92 ng/ul
RT: 13.066 min Scan# 1630
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	237	Resp:	45077
Ion Ratio	Lower	Upper	
237	100		
235	66.6	45.6	68.4
272	12.4	9.5	14.3

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

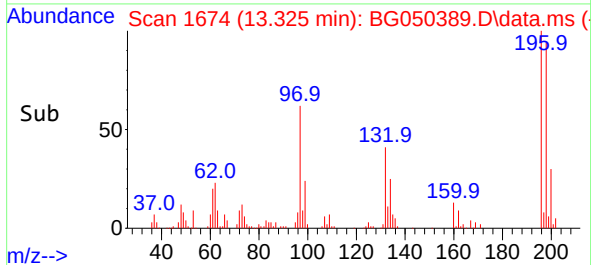
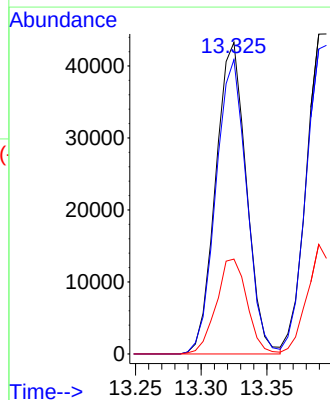
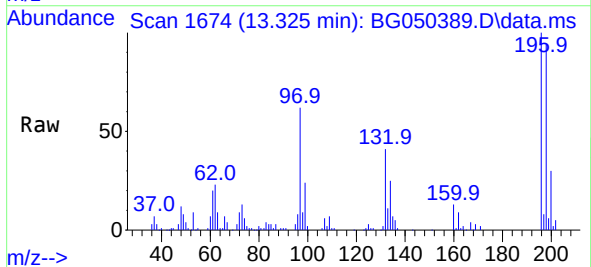
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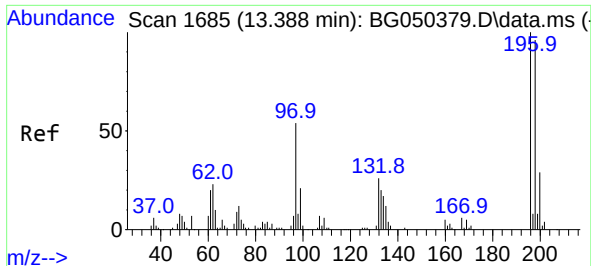
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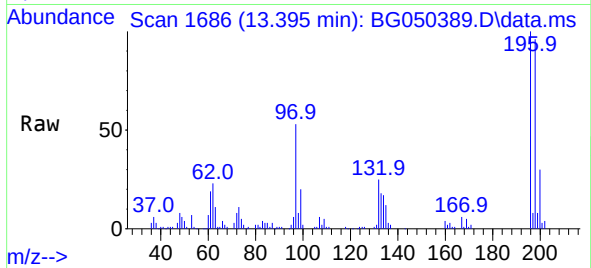
#41
2,4,6-Trichlorophenol
Concen: 24.49 ng/ul
RT: 13.325 min Scan# 1674
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	196	Resp:	70333
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.1	112.7
200	30.5	23.7	35.5

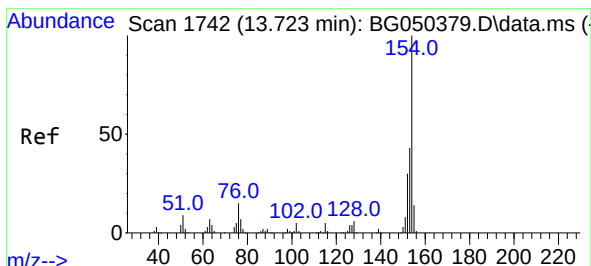
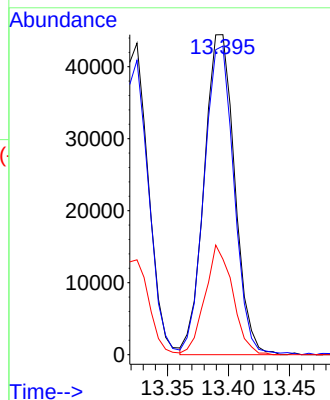
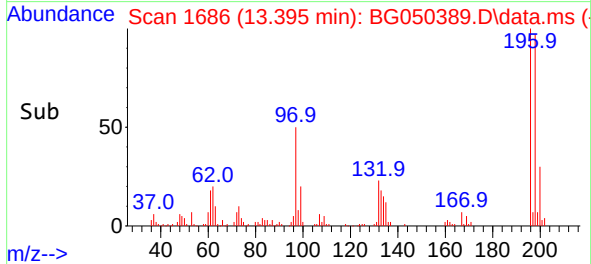




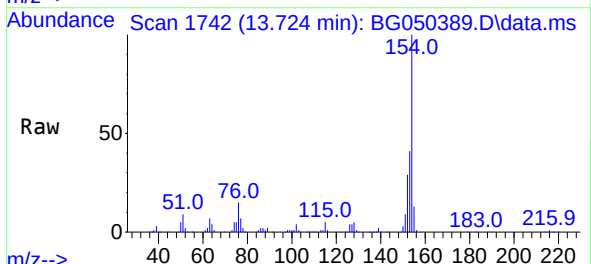
#42
2,4,5-Trichlorophenol
Concen: 24.57 ng/ul
RT: 13.395 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



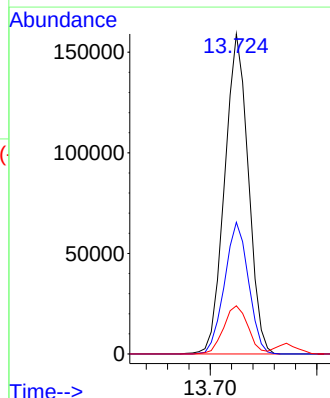
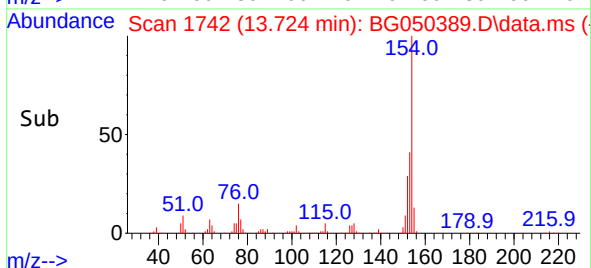
Tgt Ion:196 Resp: 77166
Ion Ratio Lower Upper
196 100
198 96.5 78.3 117.5
200 29.8 24.6 37.0



#43
1,1'-Biphenyl
Concen: 23.05 ng/ul
RT: 13.724 min Scan# 1742
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



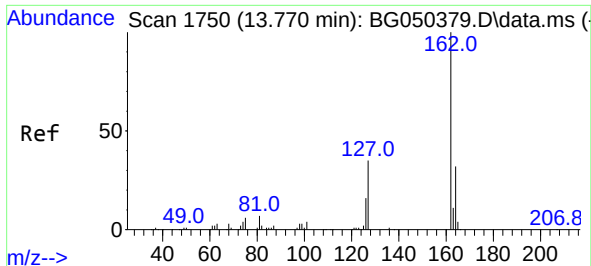
Tgt Ion:154 Resp: 244929
Ion Ratio Lower Upper
154 100
153 41.2 33.4 50.2
76 15.0 12.4 18.6



Instrument :
BNA_G
ClientSampled :
EW2L8MSD

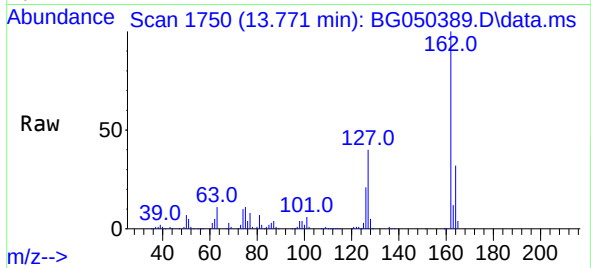
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#44
2-Chloronaphthalene
Concen: 22.83 ng/ul
RT: 13.771 min Scan# 1750
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

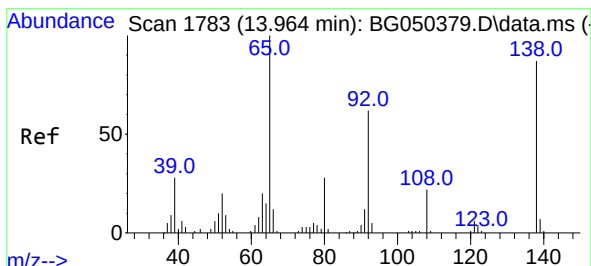
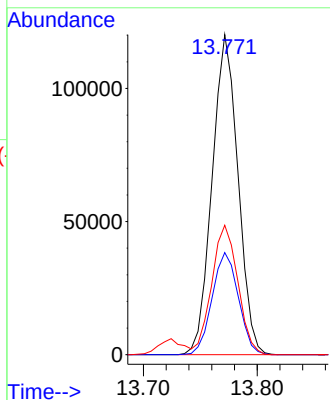
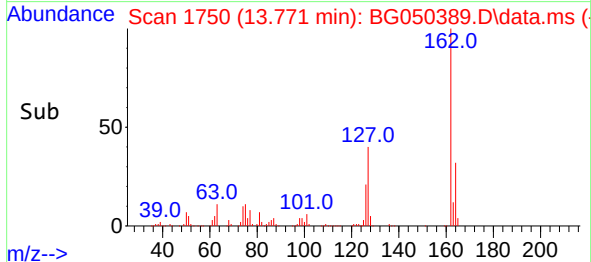
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



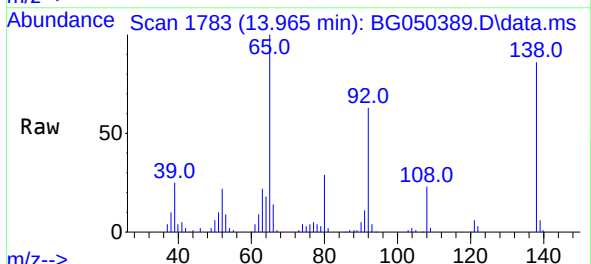
Tgt Ion:162 Resp: 190012
Ion Ratio Lower Upper
162 100
164 31.9 24.5 36.7
127 40.4 32.6 48.8

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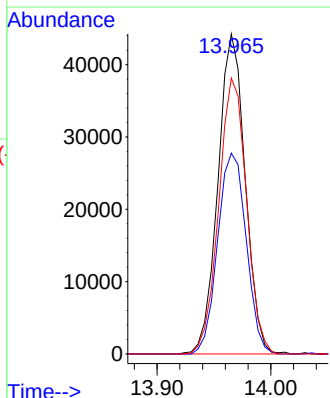
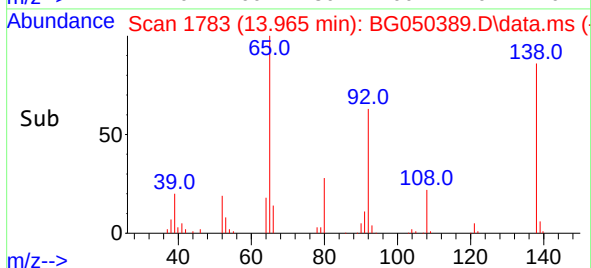
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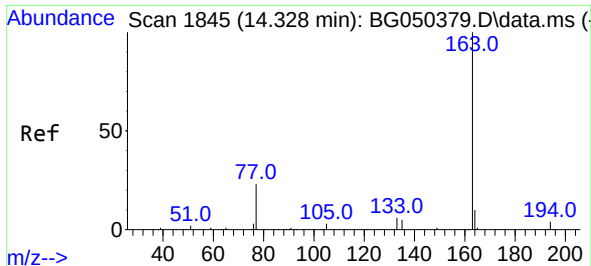


#45
2-Nitroaniline
Concen: 26.95 ng/ul
RT: 13.965 min Scan# 1783
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



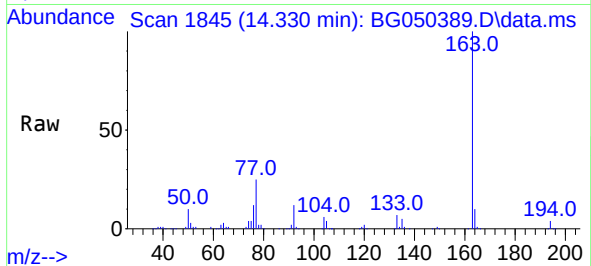
Tgt Ion: 65 Resp: 73450
Ion Ratio Lower Upper
65 100
92 62.8 54.8 82.2
138 86.2 76.1 114.1





#47
Dimethylphthalate
Concen: 23.30 ng/ul
RT: 14.330 min Scan# 1845
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

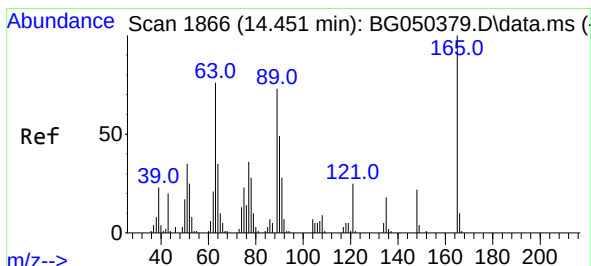
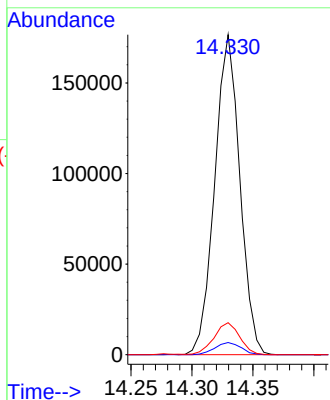
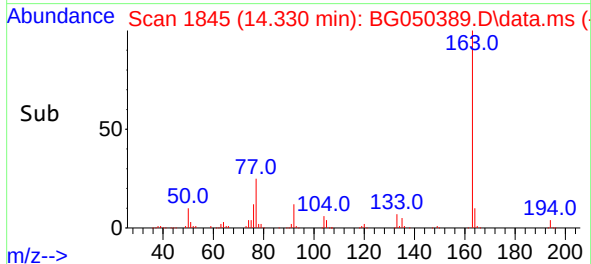
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



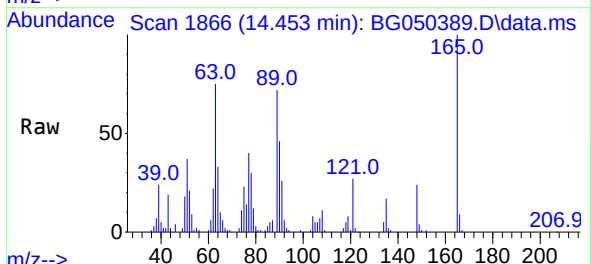
Tgt Ion:163 Resp: 253256
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.0 12.0

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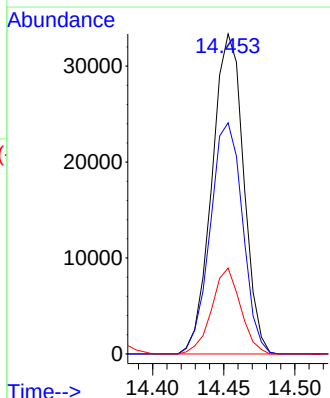
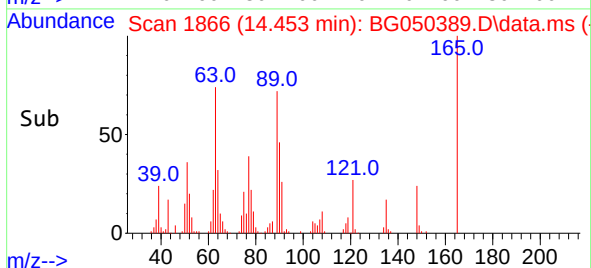
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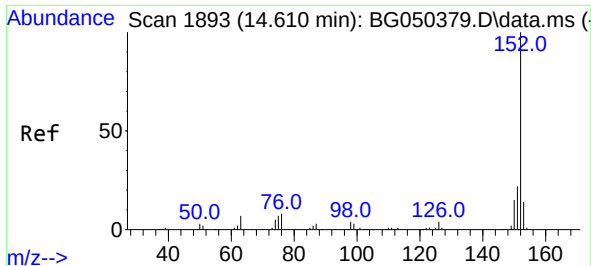


#48
2,6-Dinitrotoluene
Concen: 25.28 ng/ul
RT: 14.453 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

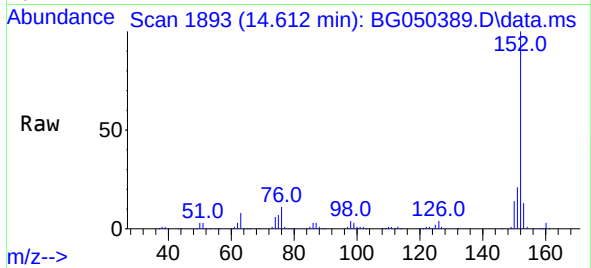


Tgt Ion:165 Resp: 51685
Ion Ratio Lower Upper
165 100
89 72.3 62.3 93.5
121 26.8 20.8 31.2

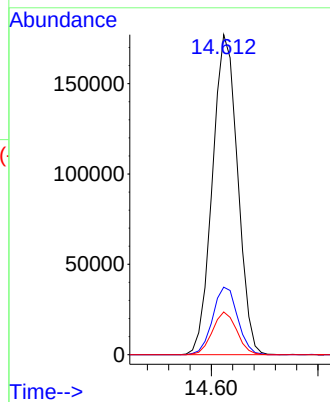
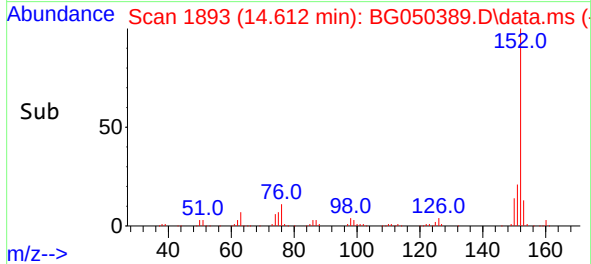




#50
Acenaphthylene
Concen: 21.10 ng/ul
RT: 14.612 min Scan# 1893
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



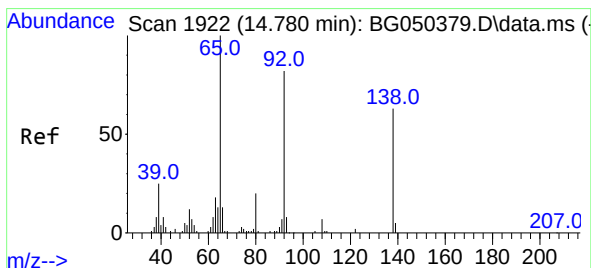
Tgt Ion:152 Resp: 290420
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 13.4 10.3 15.5



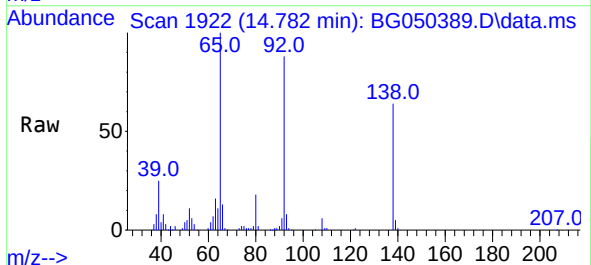
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

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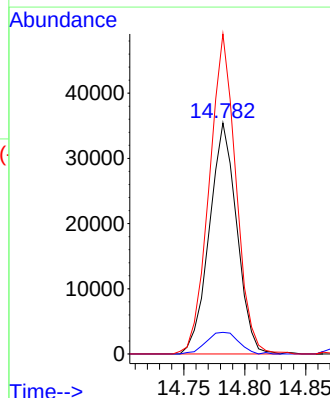
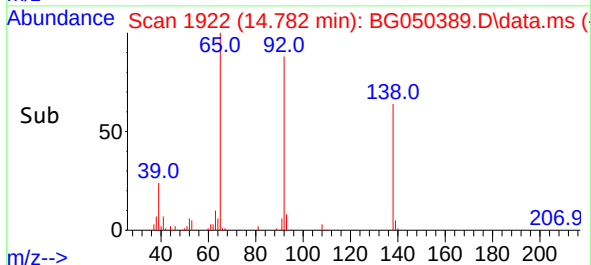
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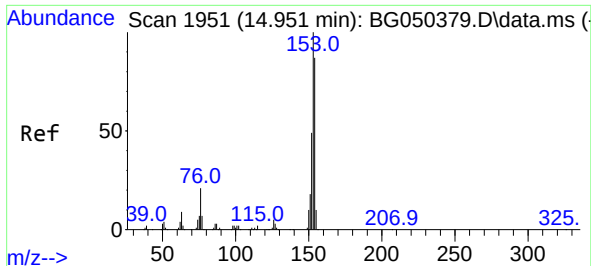


#51
3-Nitroaniline
Concen: 24.94 ng/ul
RT: 14.782 min Scan# 1922
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



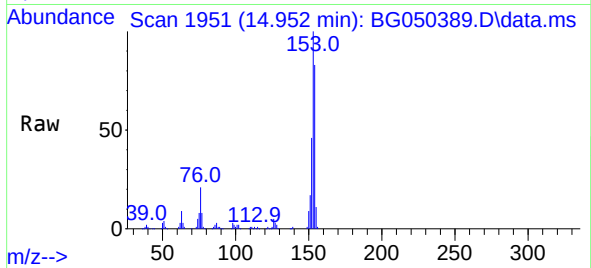
Tgt Ion:138 Resp: 55479
Ion Ratio Lower Upper
138 100
108 9.3 8.6 12.8
92 138.5 97.0 145.4





#52
Acenaphthene
Concen: 23.40 ng/ul
RT: 14.952 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

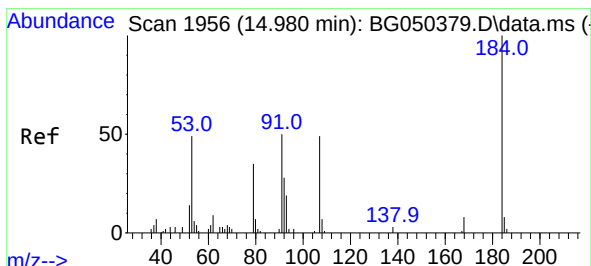
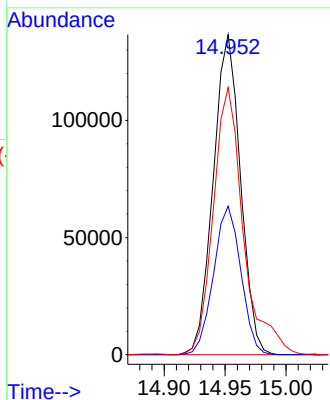
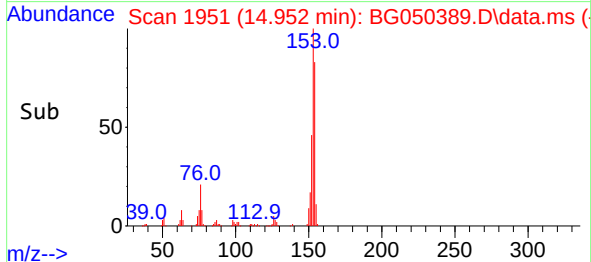
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



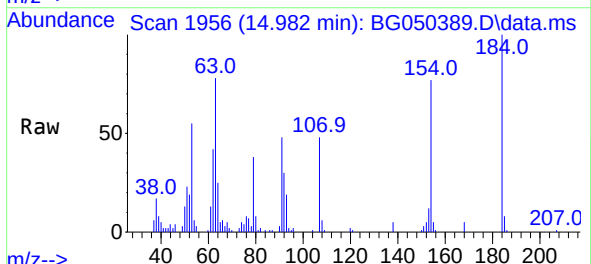
Tgt Ion:153 Resp: 212898
Ion Ratio Lower Upper
153 100
152 46.4 40.2 60.2
154 83.5 68.2 102.2

Manual Integrations
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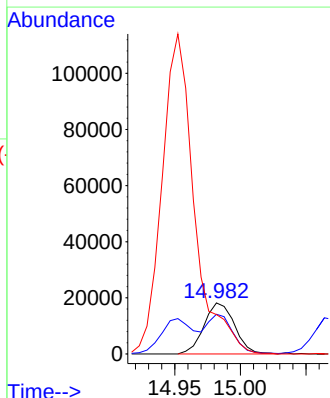
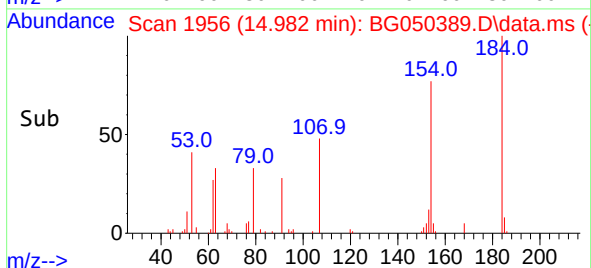
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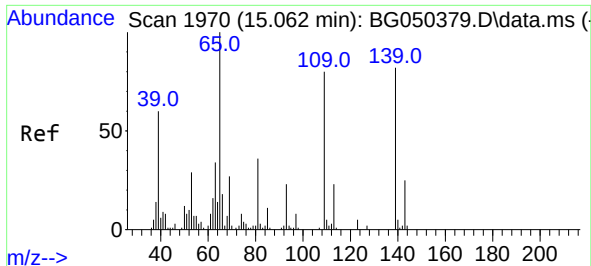


#53
2,4-Dinitrophenol
Concen: 23.08 ng/ul
RT: 14.982 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:184 Resp: 29414
Ion Ratio Lower Upper
184 100
63 77.9 62.1 93.1
154 77.2 68.3 102.5





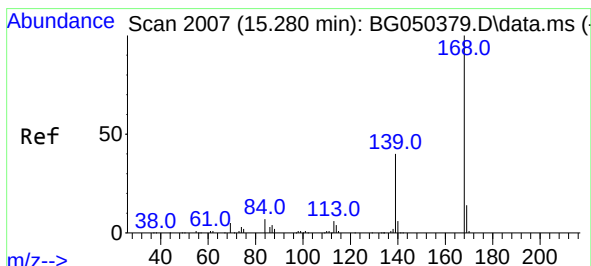
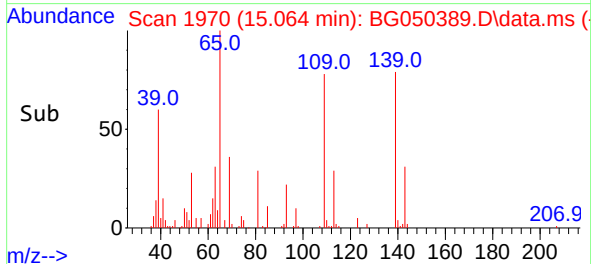
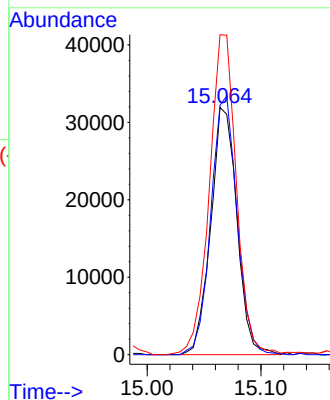
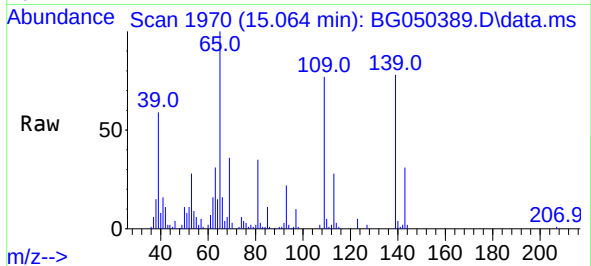
#55
4-Nitrophenol
Concen: 24.80 ng/ul
RT: 15.064 min Scan# 1970
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	109	Resp:	51031
Ion Ratio	Lower	Upper	
109	100		
139	100.9	81.4	122.0
65	129.4	97.8	146.6

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

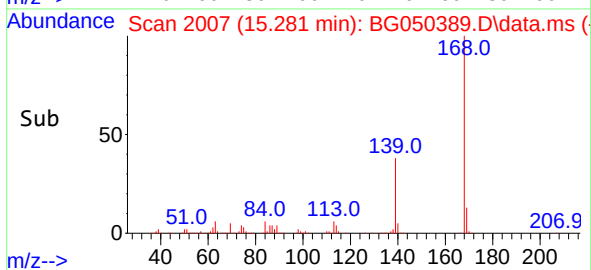
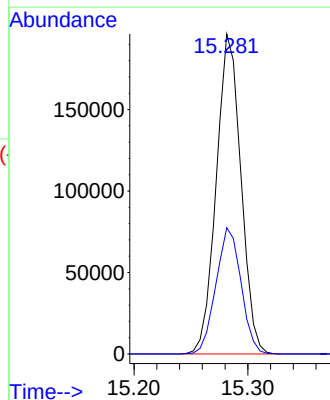
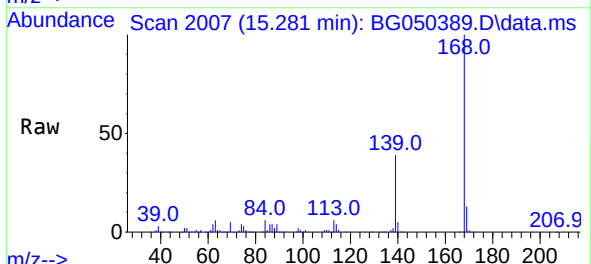
Manual Integrations
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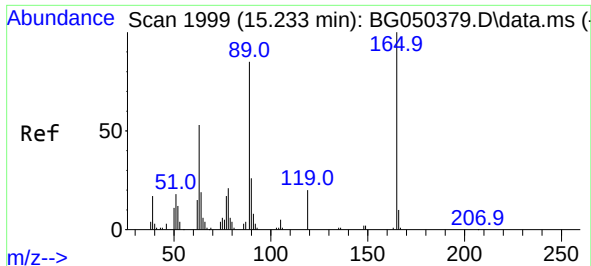
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#56
Dibenzofuran
Concen: 22.38 ng/ul
RT: 15.281 min Scan# 2007
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	168	Resp:	296035
Ion Ratio	Lower	Upper	
168	100		
139	39.5	30.2	45.4





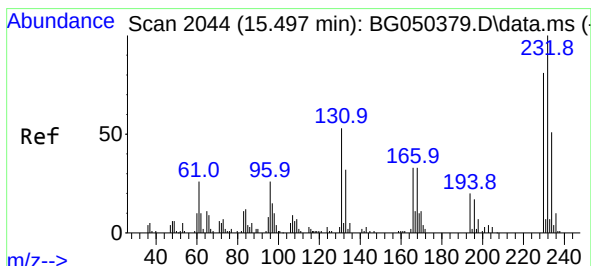
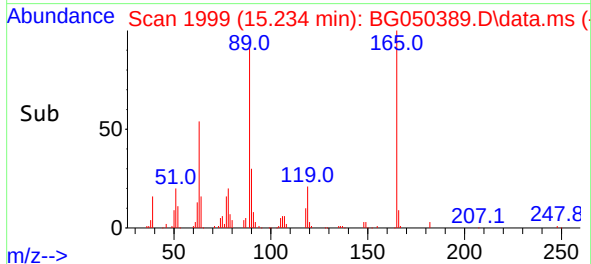
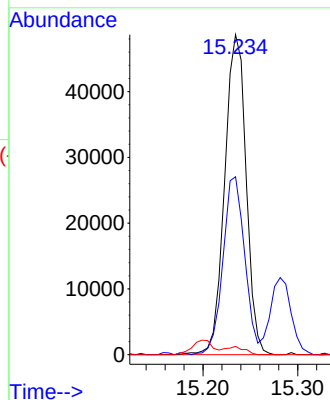
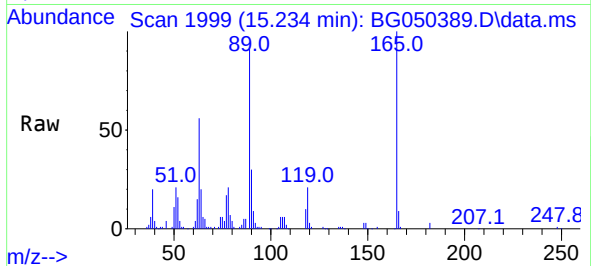
#57
2,4-Dinitrotoluene
Concen: 25.79 ng/ul
RT: 15.234 min Scan# 1999
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:165 Resp: 76586
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.2
182 2.6 1.7 2.5#

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

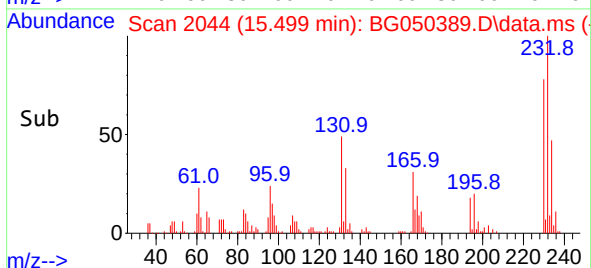
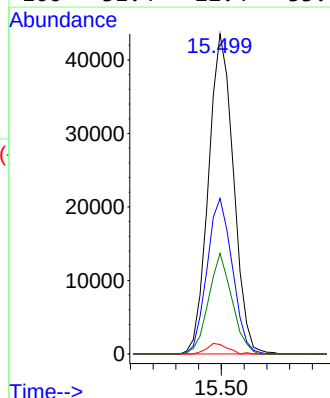
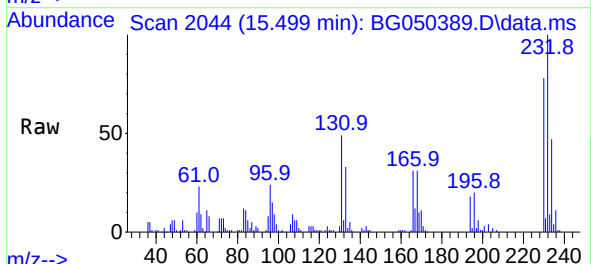
Manual Integrations
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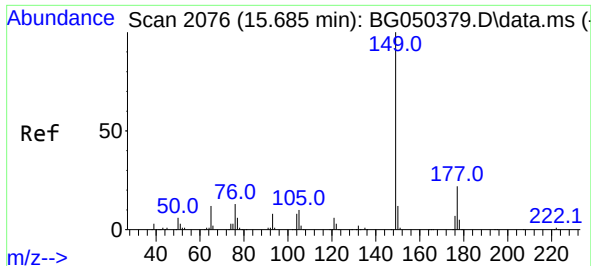
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#58
2,3,4,6-Tetrachlorophenol
Concen: 24.64 ng/ul
RT: 15.499 min Scan# 2044
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

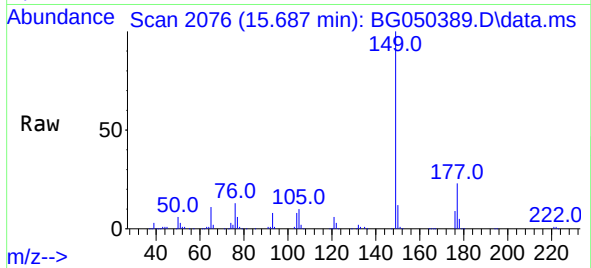
Tgt Ion:232 Resp: 66551
Ion Ratio Lower Upper
232 100
131 48.6 34.3 51.5
130 2.9 2.8 4.2
166 31.4 22.4 33.6





#59
Diethylphthalate
Concen: 24.12 ng/ul
RT: 15.687 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

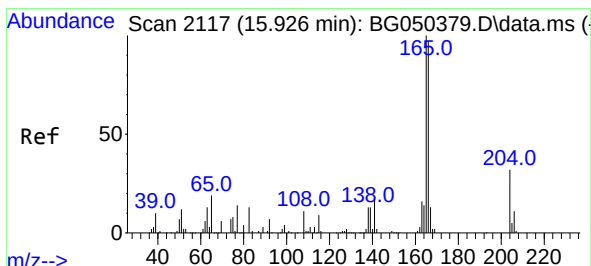
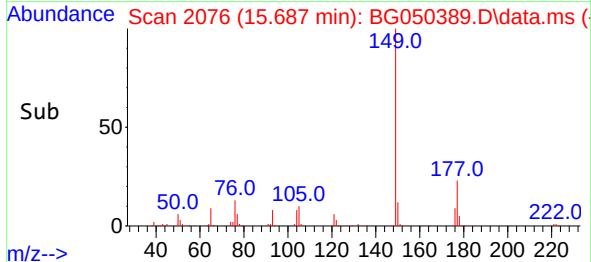
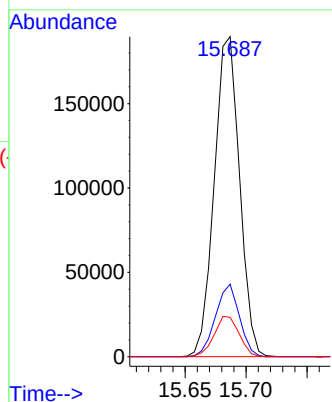
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



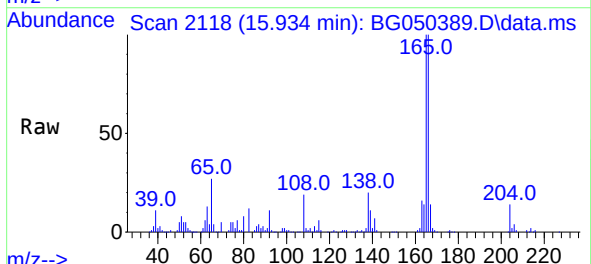
Tgt Ion:149 Resp: 273599
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.3 10.2 15.2

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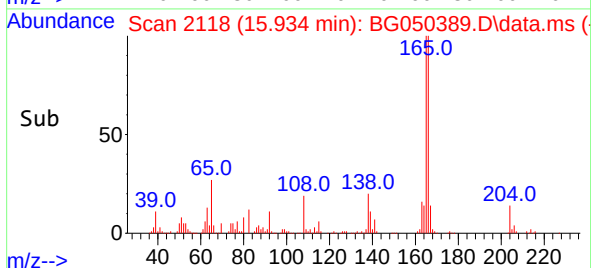
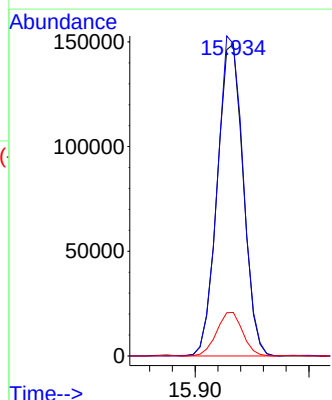
mohammad
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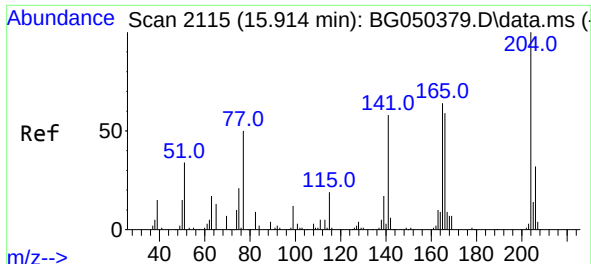


#61
Fluorene
Concen: 22.42 ng/ul
RT: 15.934 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:166 Resp: 236033
Ion Ratio Lower Upper
166 100
165 100.1 78.6 118.0
167 13.9 10.9 16.3





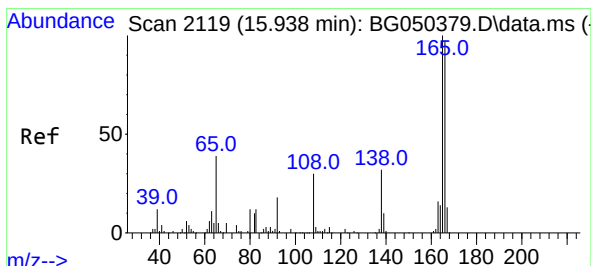
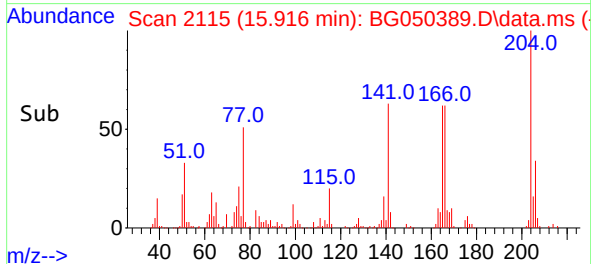
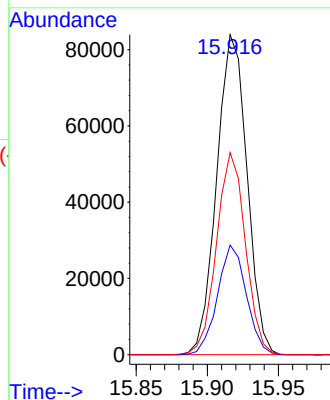
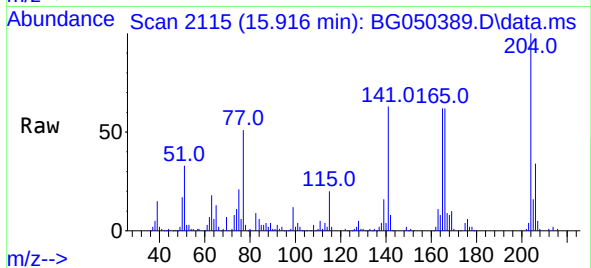
#62
4-Chlorophenyl-phenylether
Concen: 21.87 ng/ul
RT: 15.916 min Scan# 2115
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:204 Resp: 124675
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 63.1 44.1 66.1

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

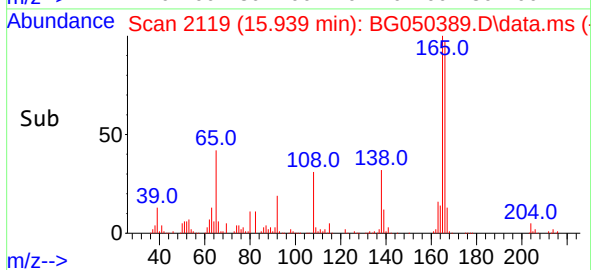
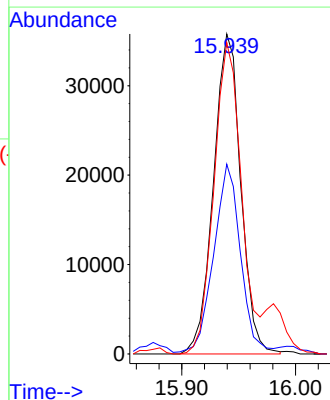
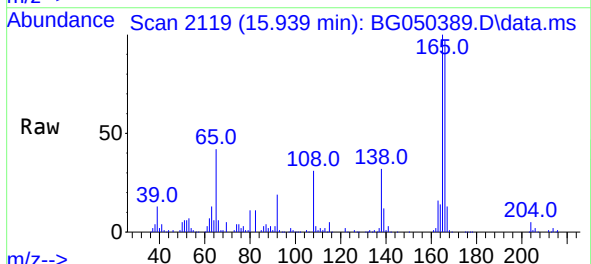
Manual Integrations
APPROVED

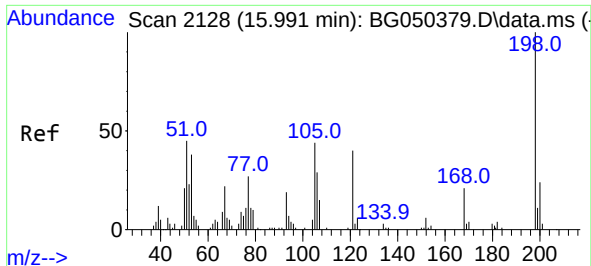
mohammad
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#63
4-Nitroaniline
Concen: 26.59 ng/ul
RT: 15.939 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:138 Resp: 59728
Ion Ratio Lower Upper
138 100
92 59.3 47.0 70.4
108 97.3 77.2 115.8





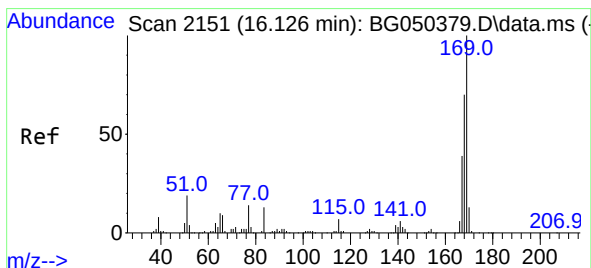
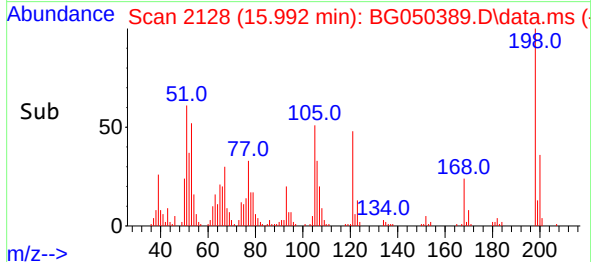
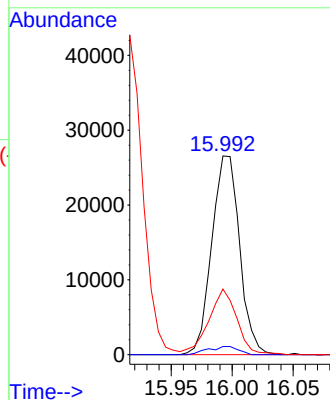
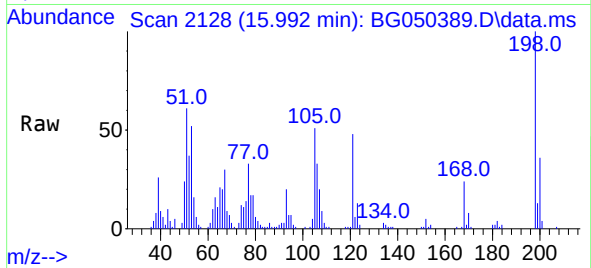
#66
4,6-Dinitro-2-methylphenol
Concen: 25.90 ng/ul
RT: 15.992 min Scan# 2128
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	198	Resp:	42166
Ion Ratio	Lower	Upper	
198	100		
182	4.1	3.0	4.6
77	33.0	25.8	38.8

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

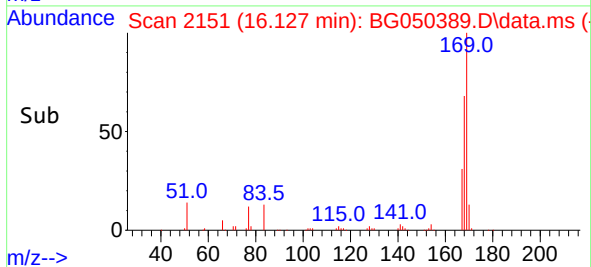
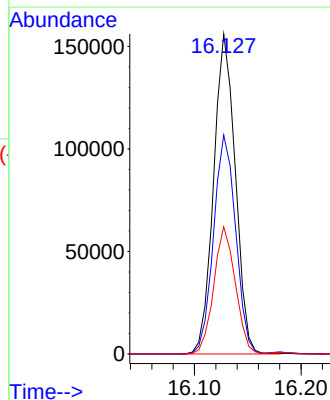
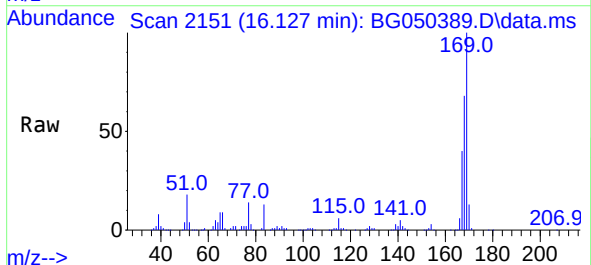
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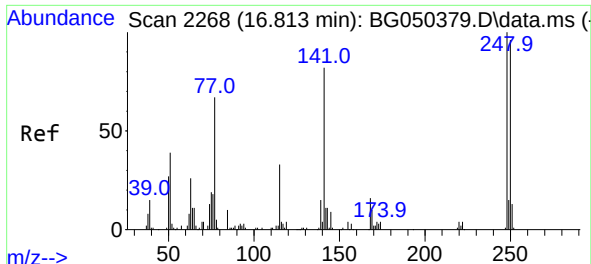
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#67
N-Nitrosodiphenylamine
Concen: 26.44 ng/ul
RT: 16.127 min Scan# 2151
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

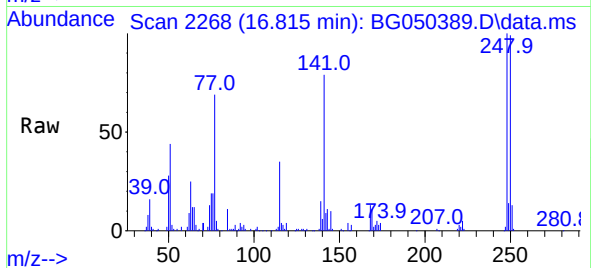
Tgt Ion:	169	Resp:	220698
Ion Ratio	Lower	Upper	
169	100		
168	68.4	58.3	87.5
167	39.8	31.4	47.2





#68
4-Bromophenyl-phenylether
Concen: 25.62 ng/ul
RT: 16.815 min Scan# 2268
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

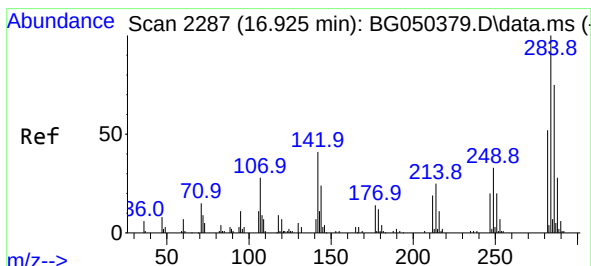
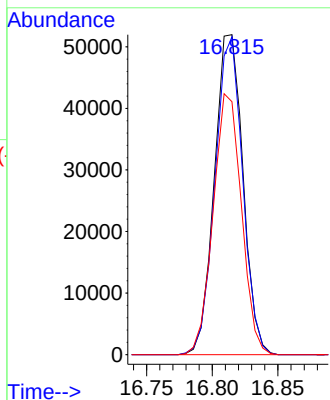
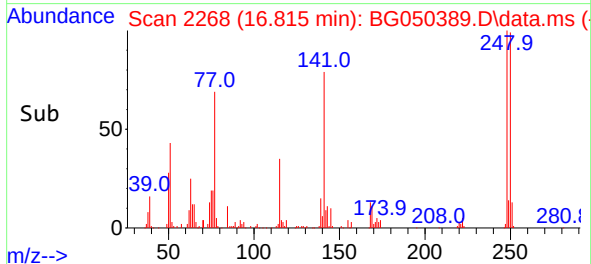
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



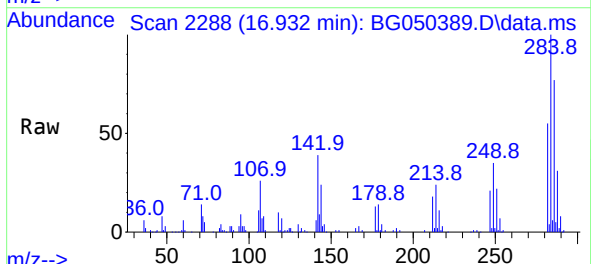
Tgt Ion:248 Resp: 78743
Ion Ratio Lower Upper
248 100
250 99.4 73.3 109.9
141 79.1 60.2 90.2

Manual Integrations
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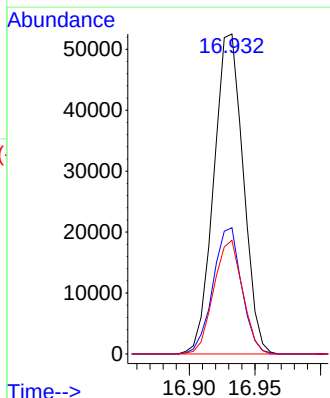
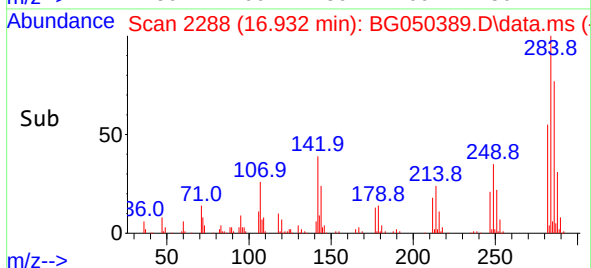
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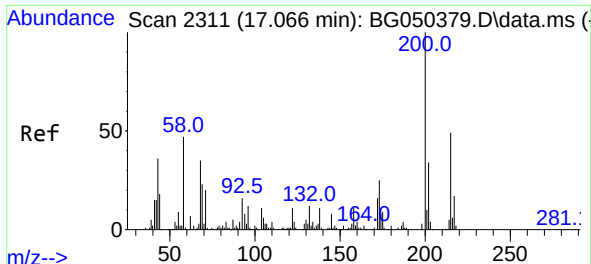


#69
Hexachlorobenzene
Concen: 25.35 ng/ul
RT: 16.932 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:284 Resp: 82044
Ion Ratio Lower Upper
284 100
142 39.5 33.3 49.9
249 37.7 28.3 42.5





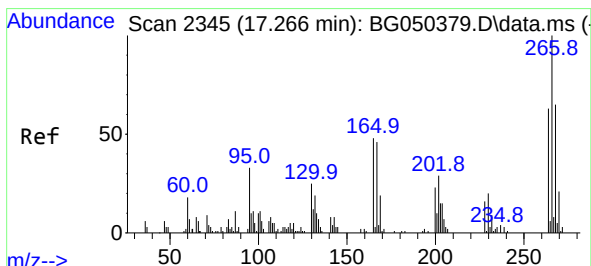
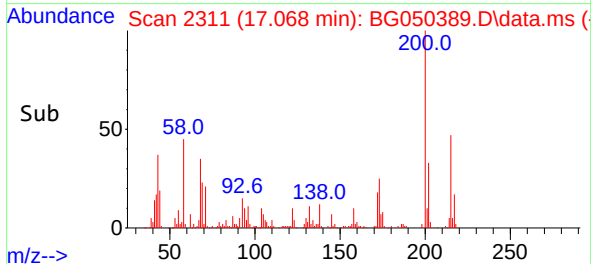
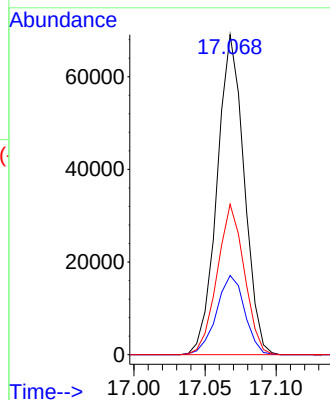
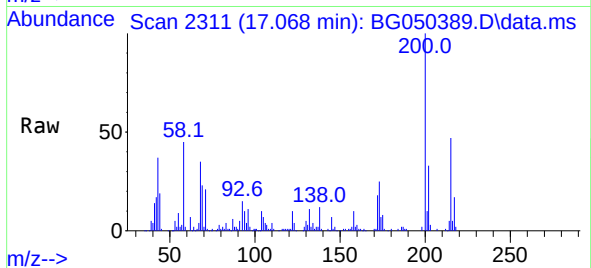
#70
Atrazine
Concen: 25.70 ng/ul
RT: 17.068 min Scan# 2311
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	200	Resp:	91343
Ion Ratio	Lower	Upper	
200	100		
173	24.8	19.9	29.9
215	47.0	40.4	60.6

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

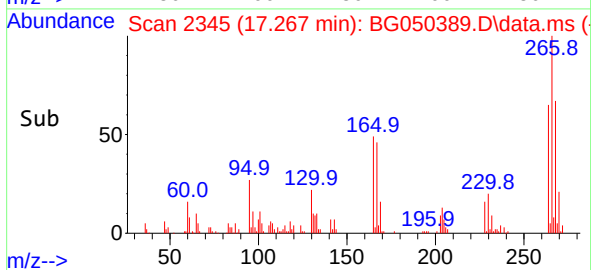
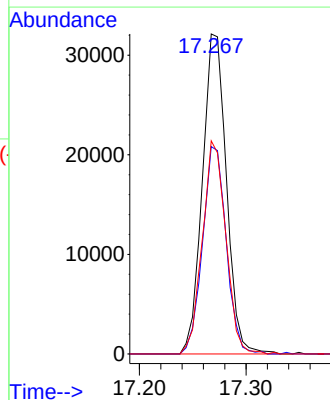
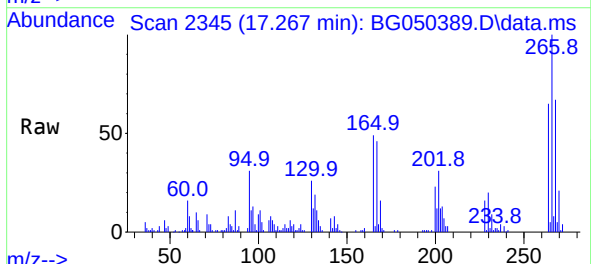
Manual Integrations
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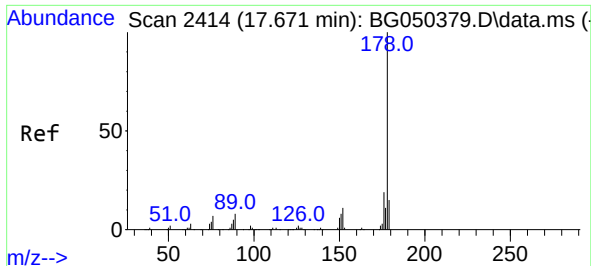
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#71
Pentachlorophenol
Concen: 23.75 ng/ul
RT: 17.267 min Scan# 2345
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	266	Resp:	50340
Ion Ratio	Lower	Upper	
266	100		
264	64.8	51.0	76.4
268	66.6	51.1	76.7





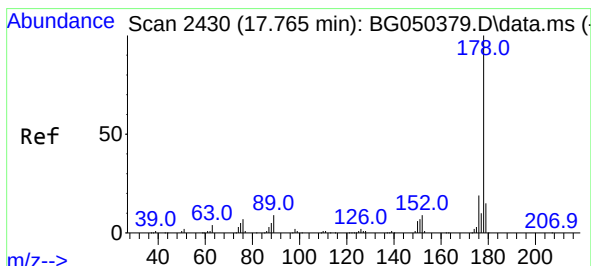
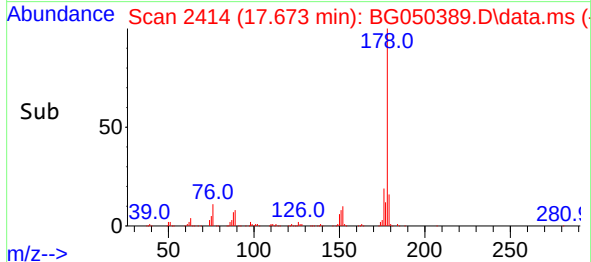
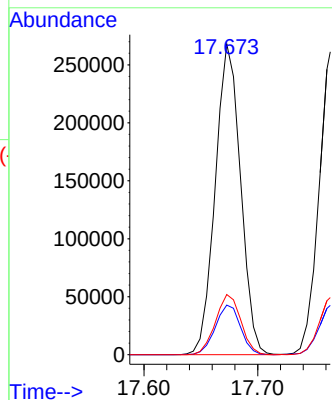
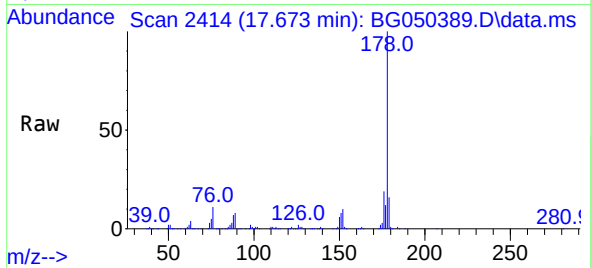
#72
Phenanthrene
Concen: 25.11 ng/ul
RT: 17.673 min Scan# 2414
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:178 Resp: 413922
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.3 16.2 24.2

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

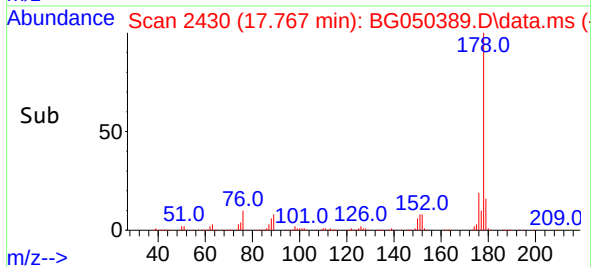
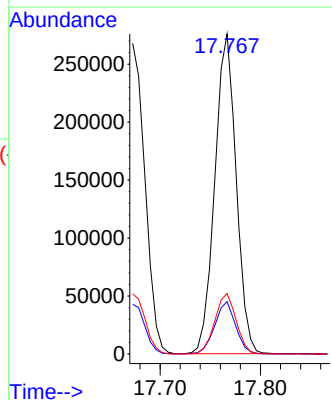
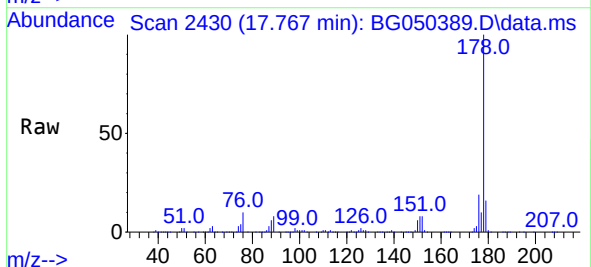
Manual Integrations
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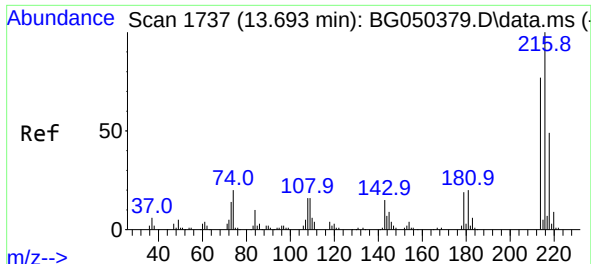
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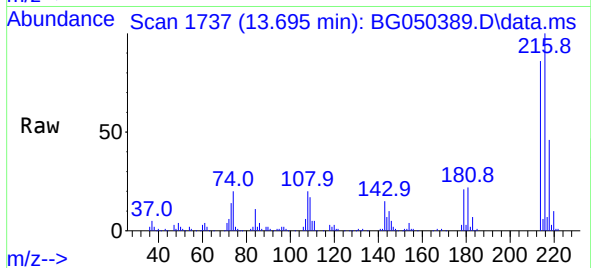
#74
Anthracene
Concen: 24.96 ng/ul
RT: 17.767 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:178 Resp: 407342
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 18.9 15.0 22.4

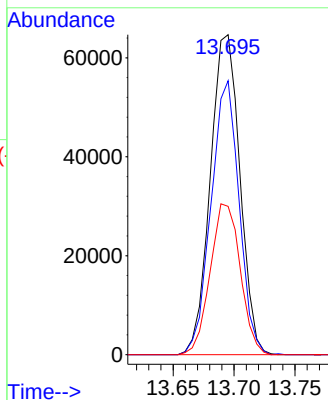
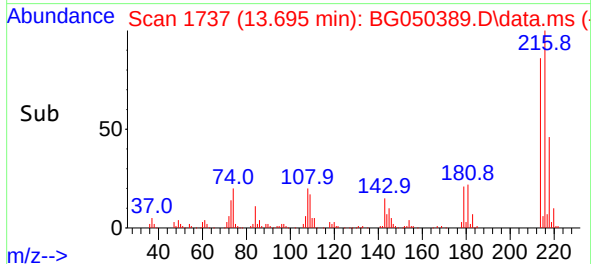




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.14 ng/uL
RT: 13.695 min Scan# 1737
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



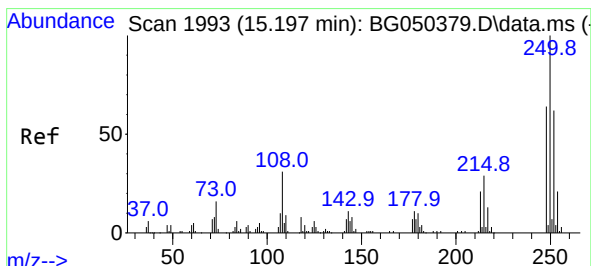
Tgt Ion:216 Resp: 109425
Ion Ratio Lower Upper
216 100
214 85.6 61.0 91.6
218 46.4 37.1 55.7



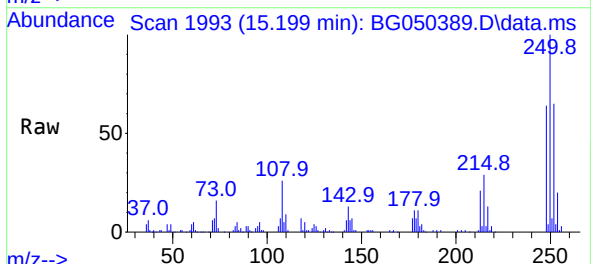
Instrument :
BNA_G
ClientSampled :
EW2L8MSD

Manual Integrations
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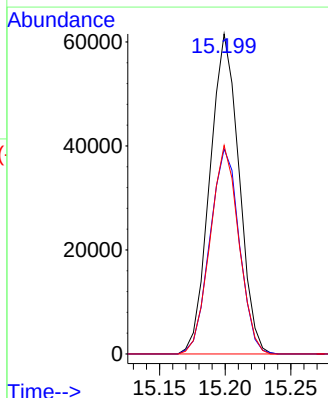
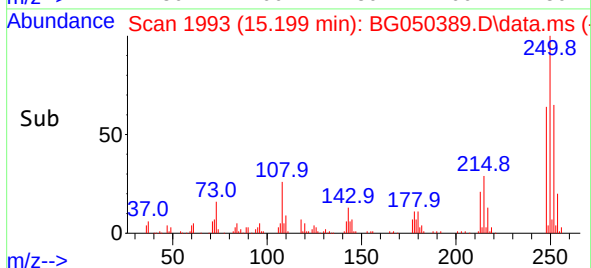
mohammad
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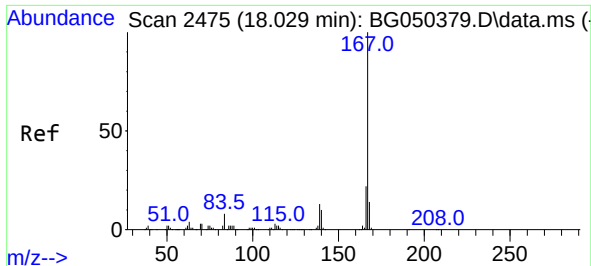


#76
Pentachlorobenzene
Concen: 23.92 ng/uL
RT: 15.199 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:250 Resp: 95118
Ion Ratio Lower Upper
250 100
248 64.0 50.2 75.2
252 65.2 51.9 77.9





#77
 Carbazole
 Concen: 26.86 ng/ul
 RT: 18.031 min Scan# 2475
 Delta R.T. -0.004 min
 Lab File: BG050389.D
 Acq: 2 Oct 2021 14:11

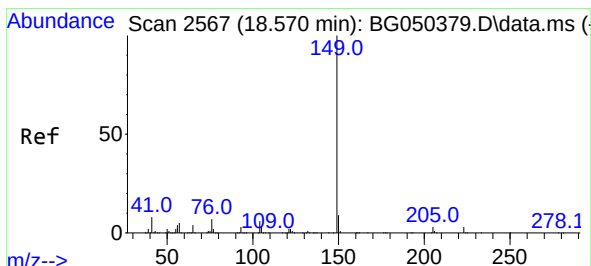
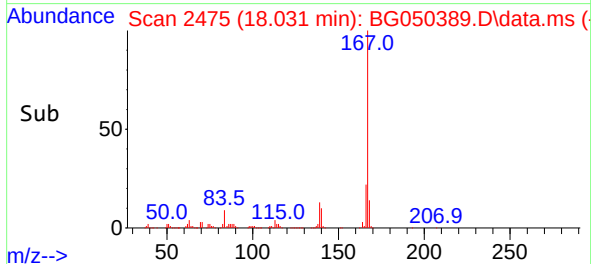
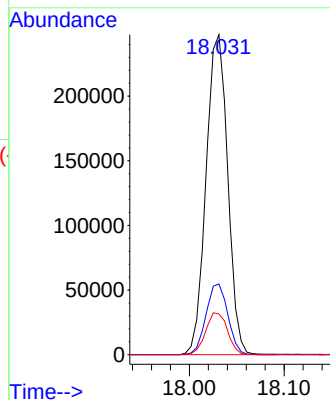
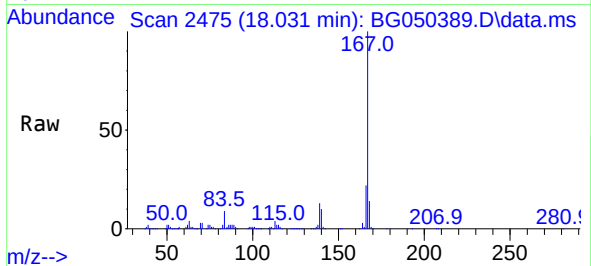
Tgt Ion:167 Resp: 392476

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.7	10.5	15.7

Instrument :
 BNA_G
 ClientSampleId :
 EW2L8MSD

Manual Integrations
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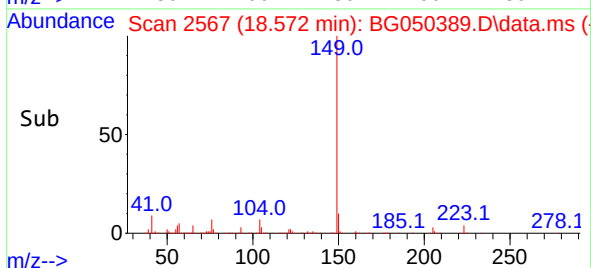
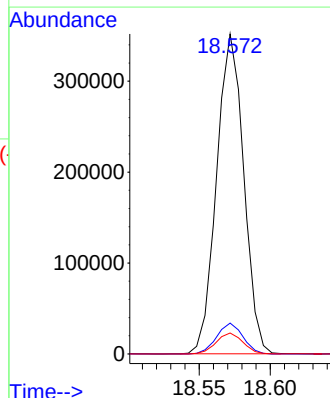
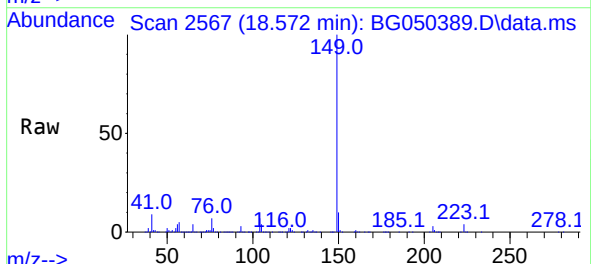
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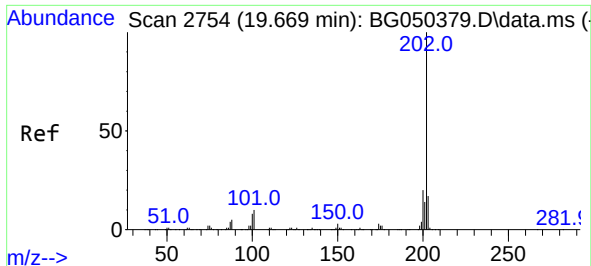


#78
 Di-n-butylphthalate
 Concen: 26.91 ng/ul
 RT: 18.572 min Scan# 2567
 Delta R.T. -0.010 min
 Lab File: BG050389.D
 Acq: 2 Oct 2021 14:11

Tgt Ion:149 Resp: 465886

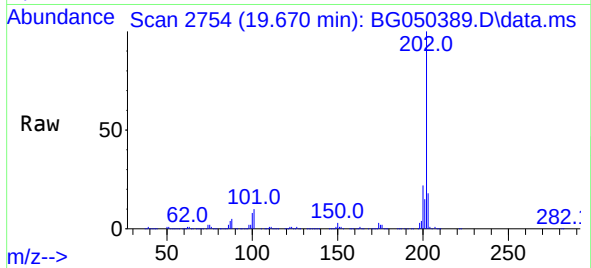
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.6	4.9	7.3





#80
Fluoranthene
Concen: 26.43 ng/u1
RT: 19.670 min Scan# 2754
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

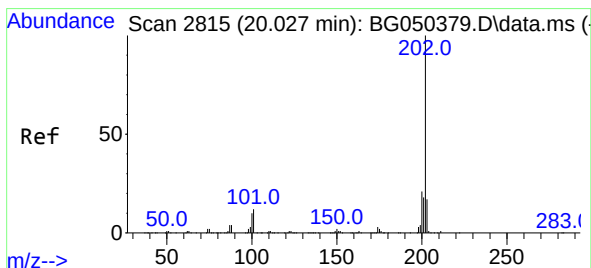
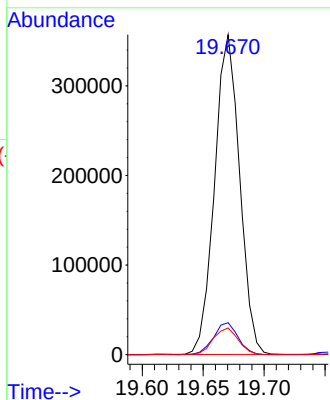
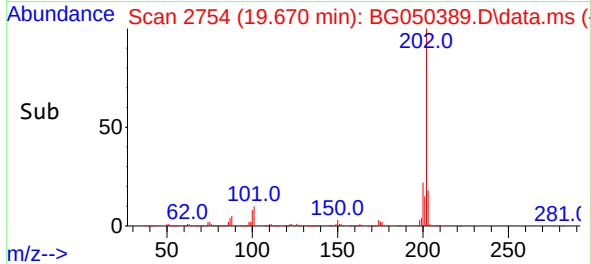
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



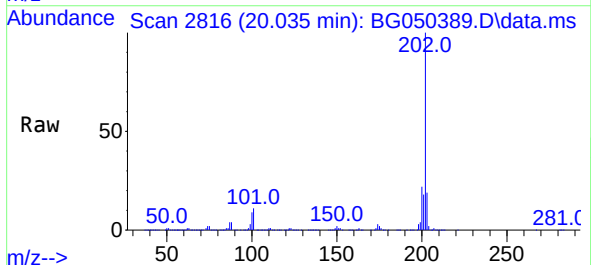
Tgt Ion:202 Resp: 510062
Ion Ratio Lower Upper
202 100
101 10.0 7.7 11.5
100 8.4 6.6 10.0

Manual Integrations
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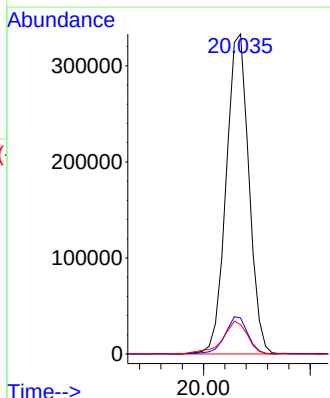
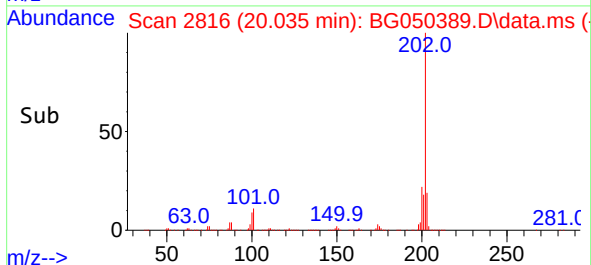
mohammad
10/4/2021 11:51:17 AM

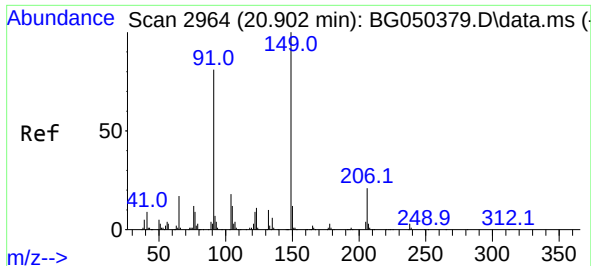


#82
Pyrene
Concen: 25.95 ng/u1
RT: 20.035 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

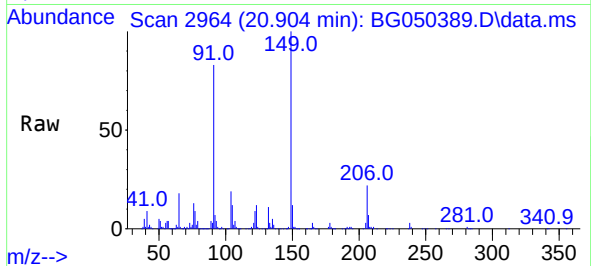


Tgt Ion:202 Resp: 493839
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 9.2 7.6 11.4

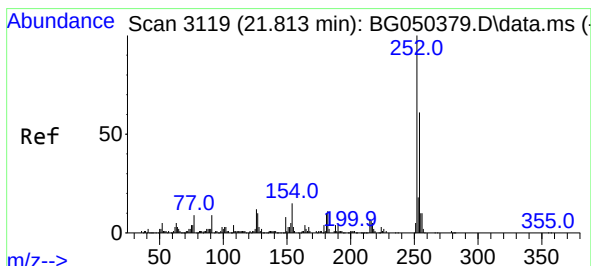
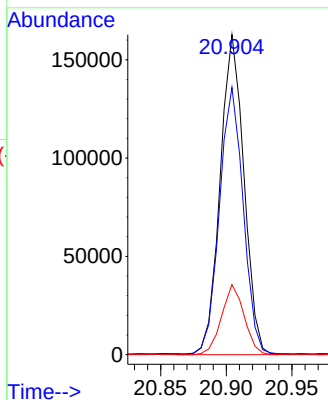
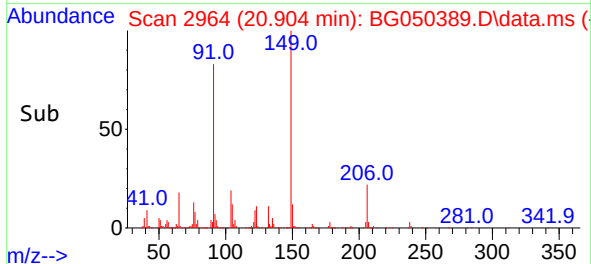




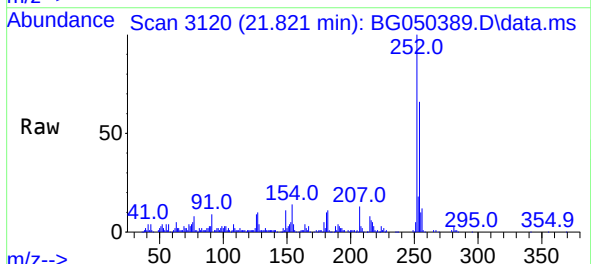
#83
Butylbenzylphthalate
Concen: 29.22 ng/ul
RT: 20.904 min Scan# 2964
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



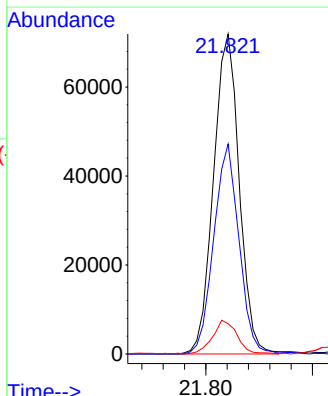
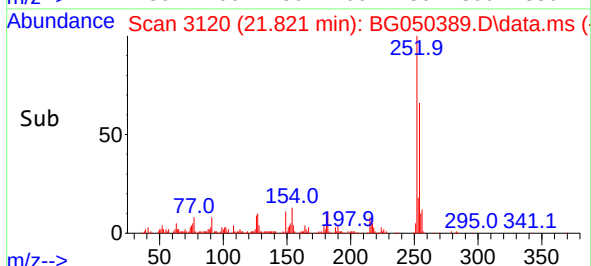
Tgt Ion:149 Resp: 204958
Ion Ratio Lower Upper
149 100
91 83.5 65.8 98.6
206 21.9 17.2 25.8



#84
3,3'-Dichlorobenzidine
Concen: 20.18 ng/ul
RT: 21.821 min Scan# 3120
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



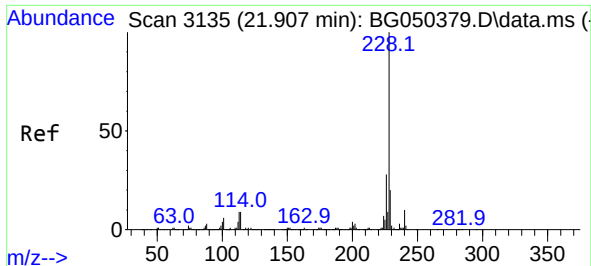
Tgt Ion:252 Resp: 120193
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.2
126 9.5 8.3 12.5



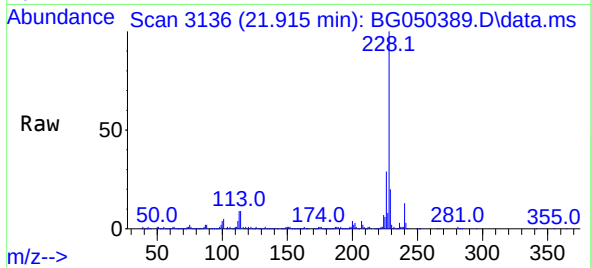
Instrument :
BNA_G
ClientSampled :
EW2L8MSD

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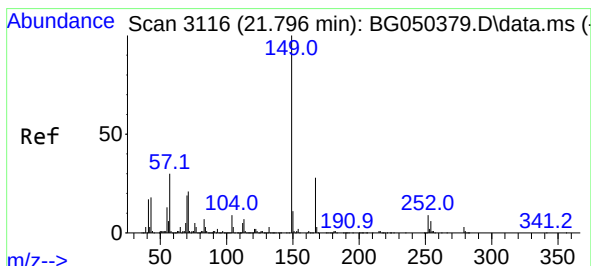
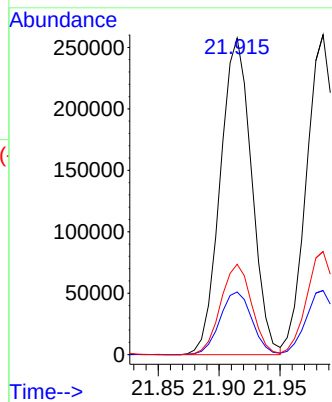
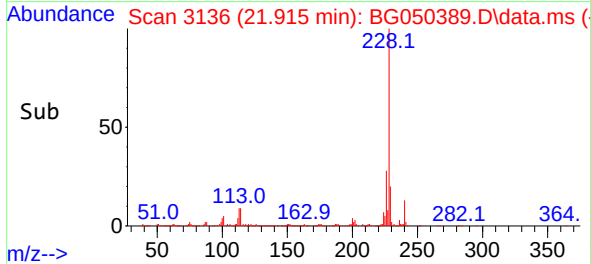
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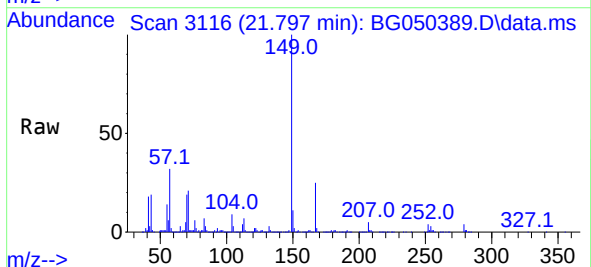
#85
Benzo(a)anthracene
Concen: 26.53 ng/u1
RT: 21.915 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



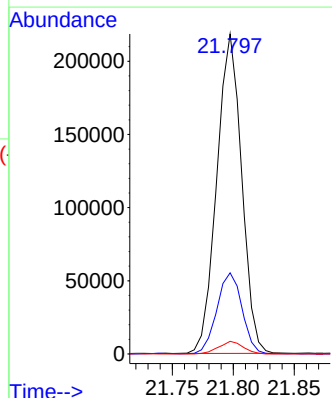
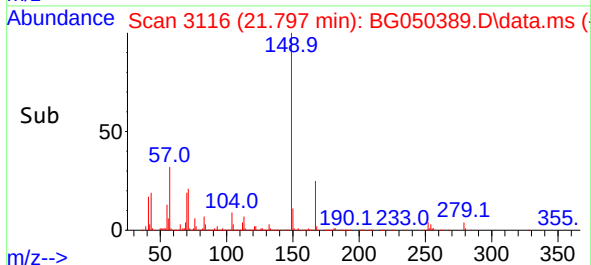
Tgt Ion:228 Resp: 462234
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.6 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.75 ng/u1
RT: 21.797 min Scan# 3116
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



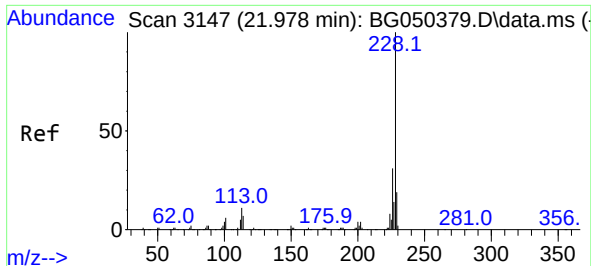
Tgt Ion:149 Resp: 309972
Ion Ratio Lower Upper
149 100
167 25.3 21.3 31.9
279 4.0 2.8 4.2



Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

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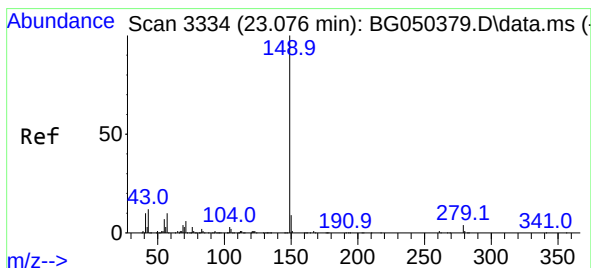
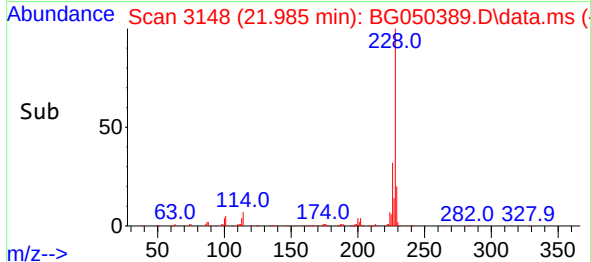
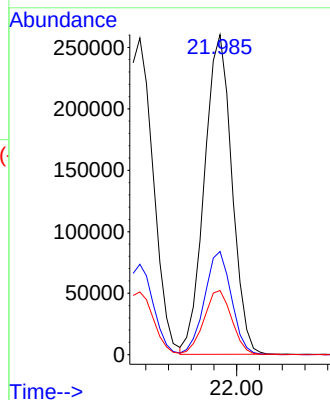
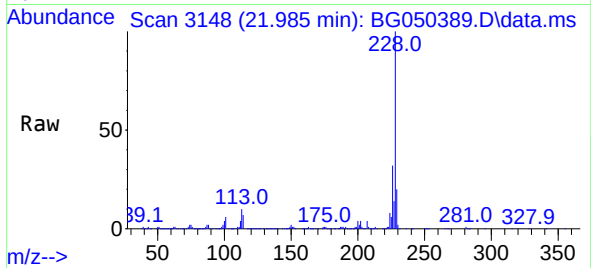
#87
Chrysene
Concen: 26.17 ng/u1
RT: 21.985 min Scan# 3148
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:228 Resp: 436892
Ion Ratio Lower Upper
228 100
226 32.2 25.4 38.0
229 20.0 16.2 24.2

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

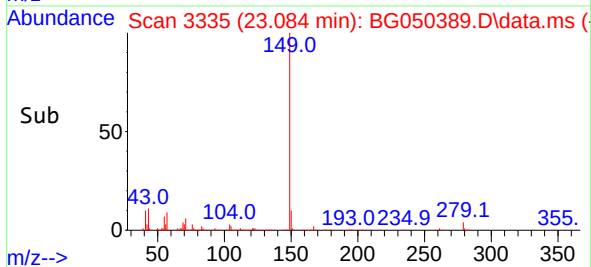
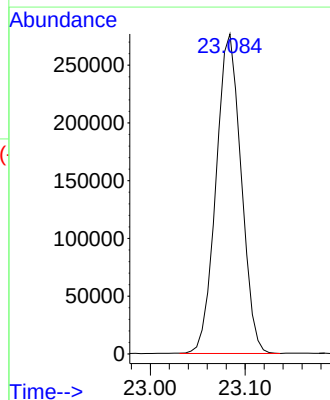
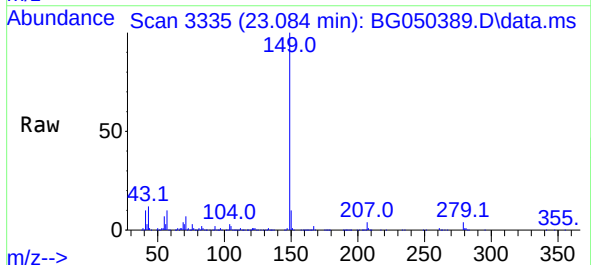
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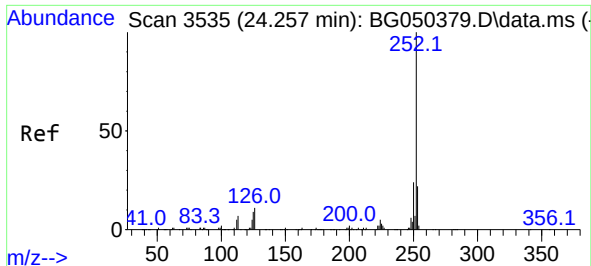
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#89
Di-n-octyl phthalate
Concen: 30.67 ng/u1
RT: 23.084 min Scan# 3335
Delta R.T. -0.016 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:149 Resp: 508663





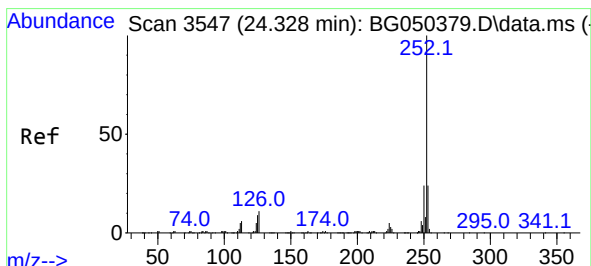
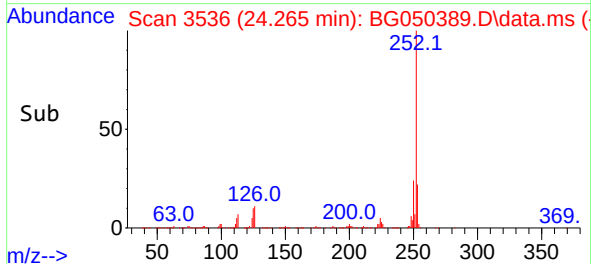
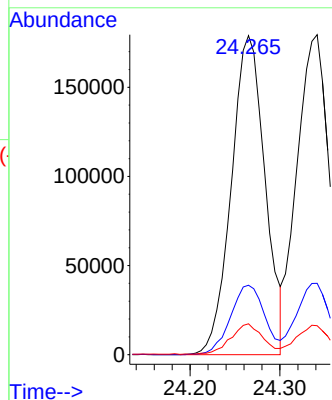
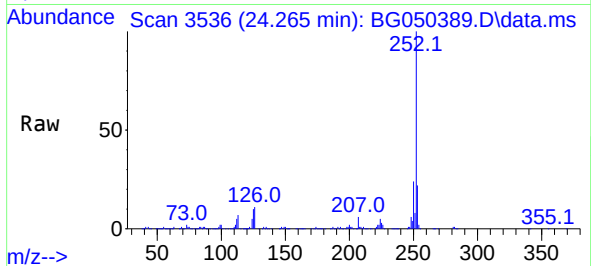
#90
Benzo(b)fluoranthene
Concen: 26.54 ng/u1
RT: 24.265 min Scan# 3536
Delta R.T. -0.016 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:252 Resp: 466456
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.7 6.7 10.1

Instrument :
BNA_G
ClientSampled :
EW2L8MSD

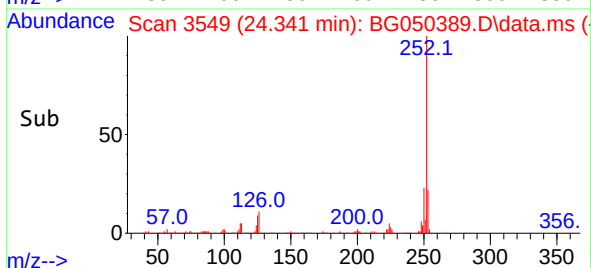
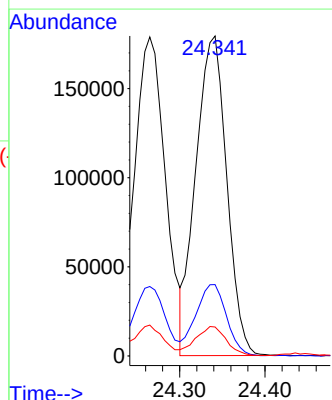
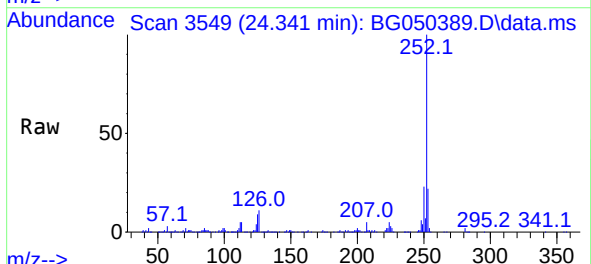
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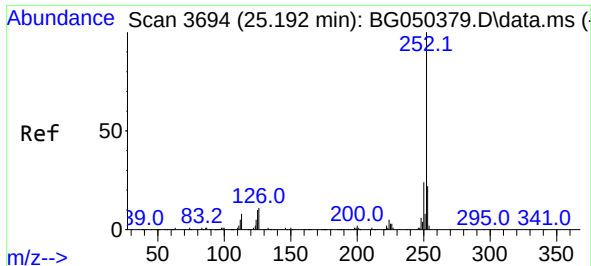
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#91
Benzo(k)fluoranthene
Concen: 27.66 ng/u1
RT: 24.341 min Scan# 3549
Delta R.T. -0.010 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:252 Resp: 452419
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.0 7.4 11.0





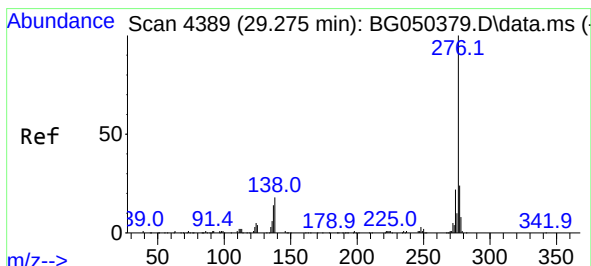
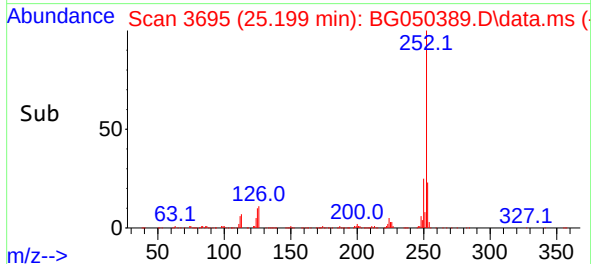
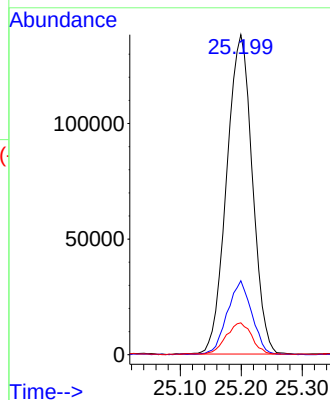
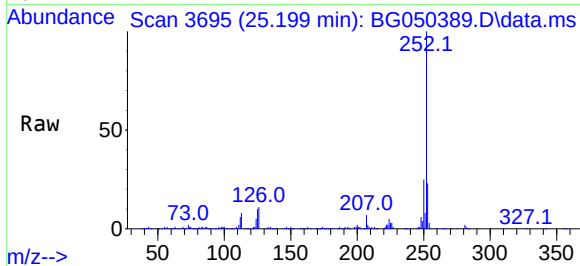
#93
Benzo(a)pyrene
Concen: 24.11 ng/u1
RT: 25.199 min Scan# 3695
Delta R.T. -0.016 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

Tgt Ion:	252	Resp:	404305
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	10.0	8.3	12.5

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

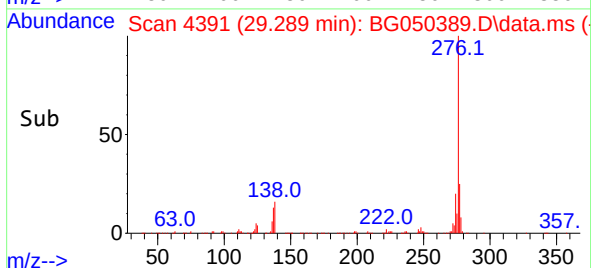
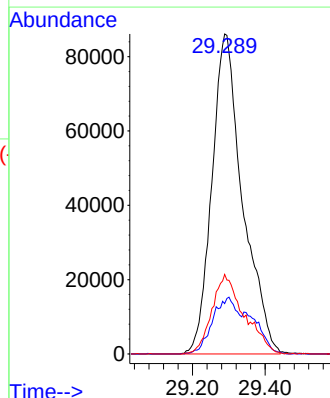
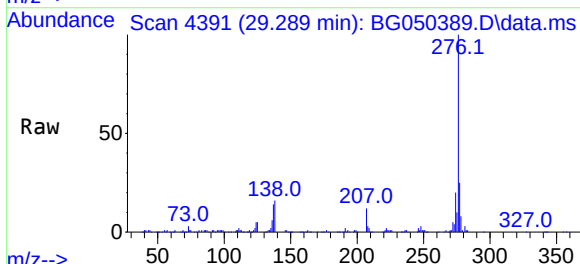
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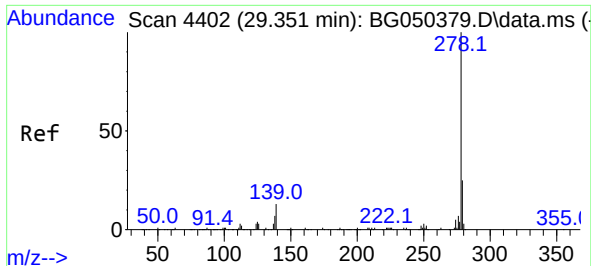
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#94
Indeno(1,2,3-cd)pyrene
Concen: 26.92 ng/u1
RT: 29.289 min Scan# 4391
Delta R.T. -0.028 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

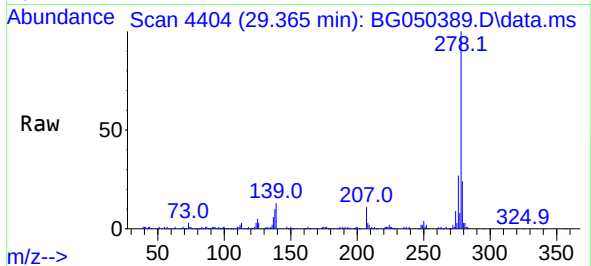
Tgt Ion:	276	Resp:	506839
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.4	18.6
277	24.9	18.5	27.7





#95
Dibenzo(a,h)anthracene
Concen: 26.53 ng/ul
RT: 29.365 min Scan# 4404
Delta R.T. -0.028 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11

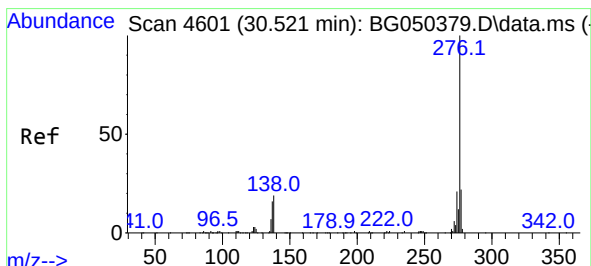
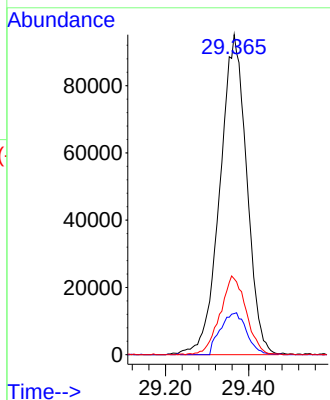
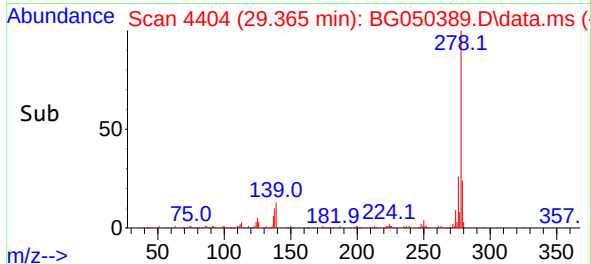
Instrument :
BNA_G
ClientSampleId :
EW2L8MSD



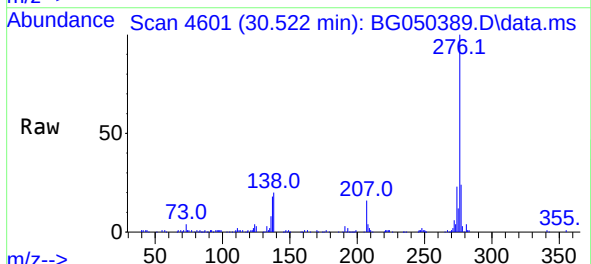
Tgt Ion:278 Resp: 425146
Ion Ratio Lower Upper
278 100
139 12.8 11.3 16.9
279 23.7 18.3 27.5

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#96
Benzo(g,h,i)perylene
Concen: 20.21 ng/ul
RT: 30.522 min Scan# 4601
Delta R.T. -0.034 min
Lab File: BG050389.D
Acq: 2 Oct 2021 14:11



Tgt Ion:276 Resp: 320794
Ion Ratio Lower Upper
276 100
138 20.5 14.1 21.1
277 23.6 17.9 26.9

