

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049452.D
 Acq On : 24 Jul 2021 15:23
 Operator : CG/JU
 Sample : M2995-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JLX86MS

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:31:21 PM

Quant Time: Jul 25 07:21:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	17347	20.00	ng/ul	0.00
20) Naphthalene-d8	10.868	136	68928	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	49014	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	114760	20.00	ng/ul	0.00
79) Chrysene-d12	21.724	240	127473	20.00	ng/ul	0.00
88) Perylene-d12	25.002	264	138012	20.00	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	519	1.37	ng/uL	0.00
4) Pyridine-d5	3.860	84	7699	7.07	ng/ul	0.00
7) Phenol-d5	7.197	99	17405	11.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	11037	12.70	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	13371	12.15	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	15188	13.13	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	7367	13.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	8231	13.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	16125	14.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	20296	12.89	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	67617	18.01	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	70583	16.19	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	10388	16.80	ng/ul	0.00
60) Fluorene-d10	15.685	176	55990	17.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	11883	16.71	ng/ul	0.00
73) Anthracene-d10	17.542	188	100506	18.84	ng/ul	0.00
81) Pyrene-d10	19.833	212	133250	20.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	141777	19.55	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.461	88	3226	6.22	ng/uL#	83
5) Pyridine	3.872	79	20089m	17.24	ng/ul	
6) Benzaldehyde	7.179	77	22887	24.99	ng/ul	93
8) Phenol	7.226	94	31693	21.14	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.461	93	23343	22.60	ng/ul	98
12) 2-Chlorophenol	7.608	128	22820	21.55	ng/ul	93
13) 2-Methylphenol	8.489	108	25893	22.66	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.577	45	26081	21.55	ng/ul#	87
16) Acetophenone	8.871	105	43692	23.47	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.853	70	22331	23.26	ng/ul#	94
18) 4-Methylphenol	8.818	108	25534	21.24	ng/ul	98
19) Hexachloroethane	9.135	117	11704	24.53	ng/ul	88
22) Nitrobenzene	9.253	77	36279	22.93	ng/ul	95
23) Isophorone	9.782	82	62603	23.61	ng/ul	99
25) 2-Nitrophenol	9.975	139	14394	24.63	ng/ul#	84
26) 2,4-Dimethylphenol	10.028	107	26067	18.72	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.263	93	30260	22.88	ng/ul	93
29) 2,4-Dichlorophenol	10.510	162	24189	21.91	ng/ul	92
30) Naphthalene	10.915	128	82132	23.13	ng/ul	96
32) 4-Chloroaniline	11.027	127	30560	20.41	ng/ul	93
33) Hexachlorobutadiene	11.197	225	19285	22.85	ng/ul	92
34) Caprolactam	11.779	113	7845m	20.89	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	30935	24.90	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	62363	24.00	ng/ul	96

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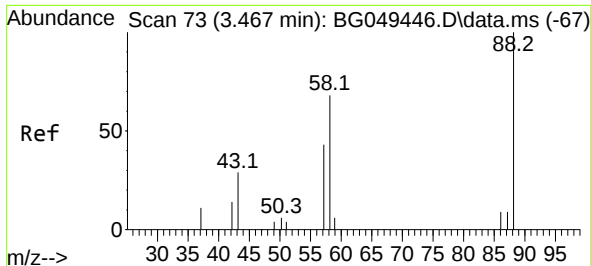
Manual Integrations
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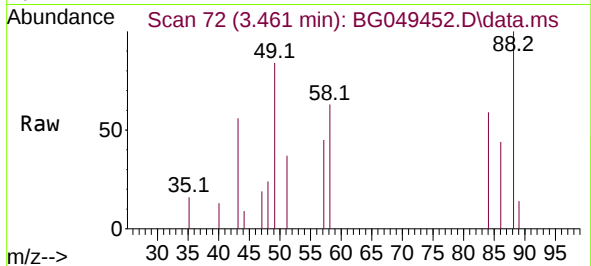
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	59001	22.47	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.889	216	33831	23.22	ng/ul	88
40) Hexachlorocyclopentadiene	12.866	237	12794	14.58	ng/ul	97
41) 2,4,6-Trichlorophenol	13.130	196	21383	23.89	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.200	196	22589	23.63	ng/ul	94
43) 1,1'-Biphenyl	13.529	154	80175	22.97	ng/ul	98
44) 2-Chloronaphthalene	13.571	162	61441	22.62	ng/ul	98
45) 2-Nitroaniline	13.776	65	24537	25.46	ng/ul	91
47) Dimethylphthalate	14.140	163	88719	24.30	ng/ul#	99
48) 2,6-Dinitrotoluene	14.264	165	17642	24.21	ng/ul	92
50) Acenaphthylene	14.422	152	97239	23.35	ng/ul#	91
51) 3-Nitroaniline	14.599	138	17328	23.84	ng/ul	99
52) Acenaphthene	14.757	153	69735	23.35	ng/ul	93
53) 2,4-Dinitrophenol	14.804	184	7855	21.64	ng/ul#	64
55) 4-Nitrophenol	14.904	109	20035	23.90	ng/ul	96
56) Dibenzofuran	15.092	168	97683	24.22	ng/ul	97
57) 2,4-Dinitrotoluene	15.051	165	28182	27.28	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	20306	23.40	ng/ul	94
59) Diethylphthalate	15.503	149	92559	24.49	ng/ul#	93
61) Fluorene	15.744	166	82735	24.16	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.732	204	43286	24.29	ng/ul#	85
63) 4-Nitroaniline	15.762	138	18684	25.93	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.820	198	15618	23.86	ng/ul#	88
67) N-Nitrosodiphenylamine	15.944	169	71941	23.92	ng/ul	97
68) 4-Bromophenyl-phenylether	16.631	248	30964	24.23	ng/ul	91
69) Hexachlorobenzene	16.749	284	34166	23.63	ng/ul	95
70) Atrazine	16.895	200	34619	25.20	ng/ul	97
71) Pentachlorophenol	17.095	266	14709	21.97	ng/ul#	85
72) Phenanthrene	17.489	178	147996	24.77	ng/ul	97
74) Anthracene	17.577	178	147926	24.43	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.494	216	34800	22.32	ng/uL	93
76) Pentachlorobenzene	15.016	250	38663	23.43	ng/uL	95
77) Carbazole	17.847	167	138051	25.51	ng/ul	99
78) Di-n-butylphthalate	18.399	149	172085	25.57	ng/ul#	98
80) Fluoranthene	19.498	202	202160	25.54	ng/ul	98
82) Pyrene	19.862	202	202357	25.75	ng/ul	98
83) Butylbenzylphthalate	20.737	149	78773	25.75	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.619	252	66502	22.70	ng/ul	95
85) Benzo(a)anthracene	21.707	228	200941	25.78	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	117586	25.90	ng/ul	98
87) Chrysene	21.771	228	192713	25.83	ng/ul	98
89) Di-n-octyl phthalate	22.834	149	198146	24.42	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	217930	25.19	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	207213	24.48	ng/ul	98
93) Benzo(a)pyrene	24.849	252	190841	25.43	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.744	276	250703m	26.18	ng/ul	
95) Dibenzo(a,h)anthracene	28.809	278	200289	25.28	ng/ul#	95
96) Benzo(g,h,i)perylene	29.907	276	196722	24.71	ng/ul#	92

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



#2
1,4-Dioxane
Concen: 6.22 ng/uL
RT: 3.461 min Scan# 72
Delta R.T. -0.006 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

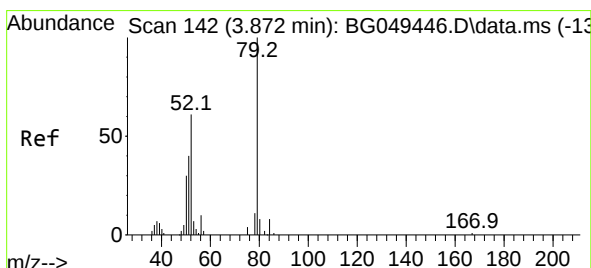
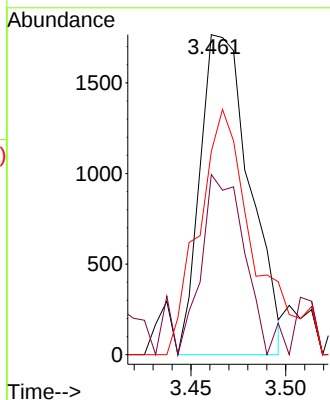
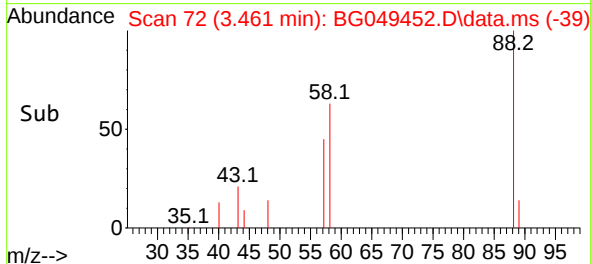
Instrument :
BNA_G
ClientSampleId :
JLX86MS



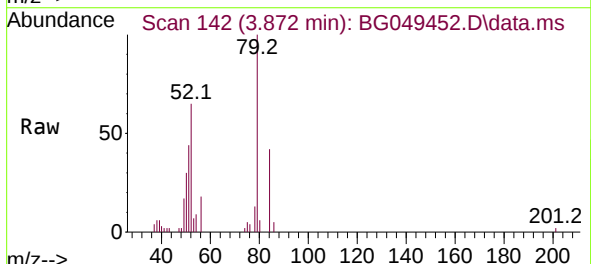
Tgt Ion	Ratio	Lower	Upper
88	100		
43	56.3	29.5	44.3#
58	63.5	56.8	85.2

Manual Integrations
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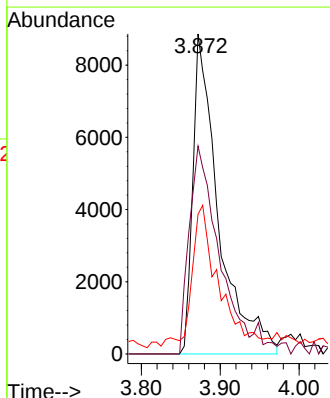
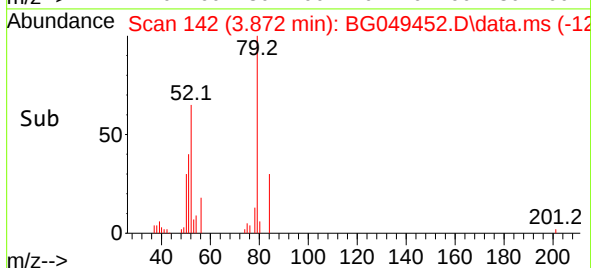
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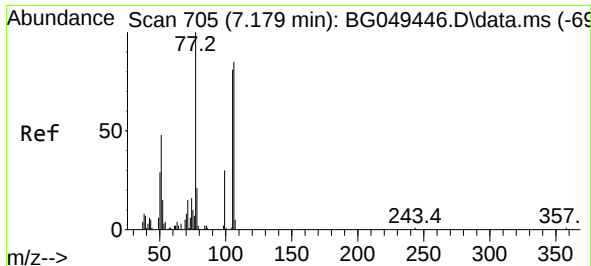


#5
Pyridine
Concen: 17.24 ng/uL m
RT: 3.872 min Scan# 142
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



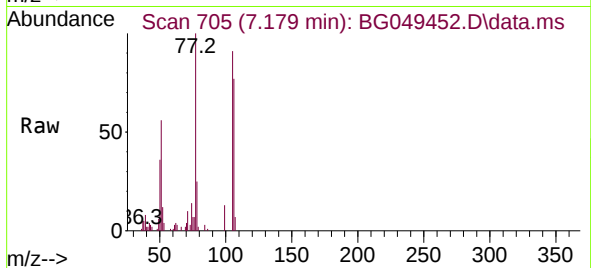
Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.9	57.4	86.2
51	43.7	28.9	43.3#



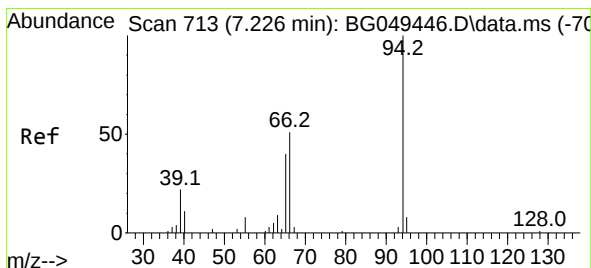
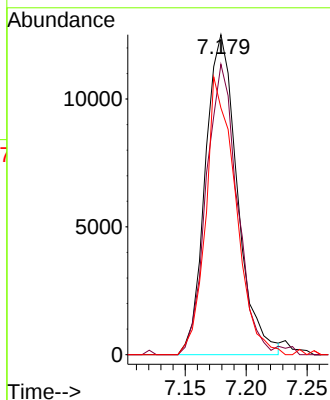
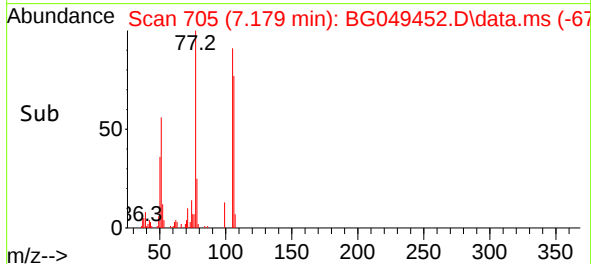


#6
Benzaldehyde
Concen: 24.99 ng/ul
RT: 7.179 min Scan# 705
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

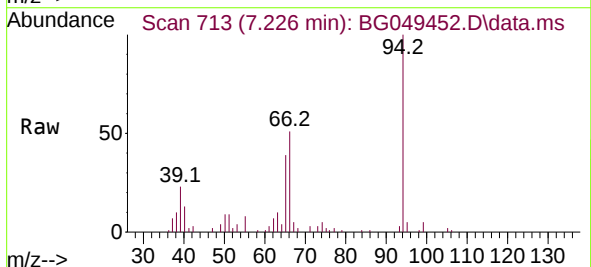
Instrument :
BNA_G
ClientSampleId :
JLX86MS



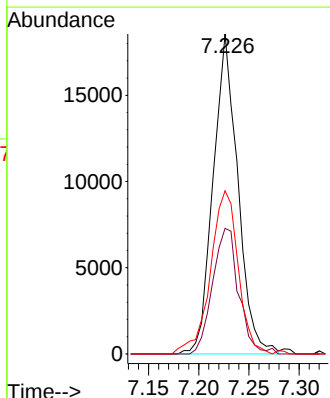
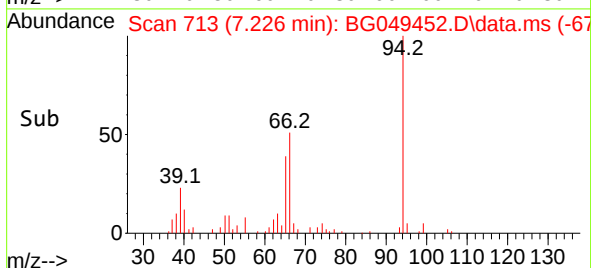
Tgt Ion: 77 Resp: 22887
Ion Ratio Lower Upper
77 100
105 90.8 70.0 105.0
106 77.1 70.1 105.1

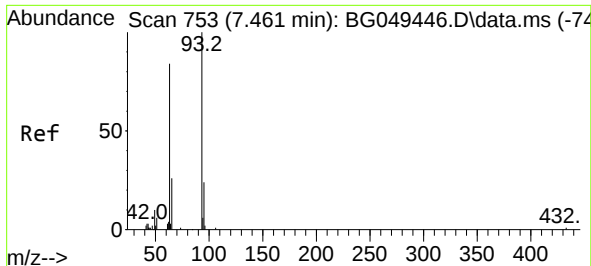


#8
Phenol
Concen: 21.14 ng/ul
RT: 7.226 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



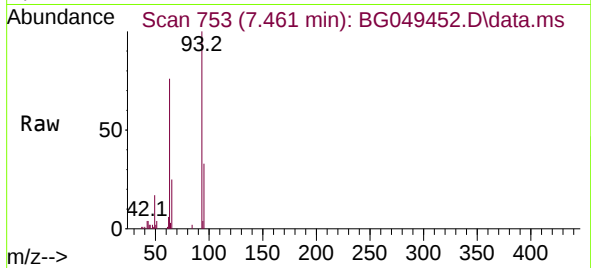
Tgt Ion: 94 Resp: 31693
Ion Ratio Lower Upper
94 100
65 39.2 28.8 43.2
66 51.0 40.3 60.5





#10
Bis(2-Chloroethyl)ether
Concen: 22.60 ng/ul
RT: 7.461 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

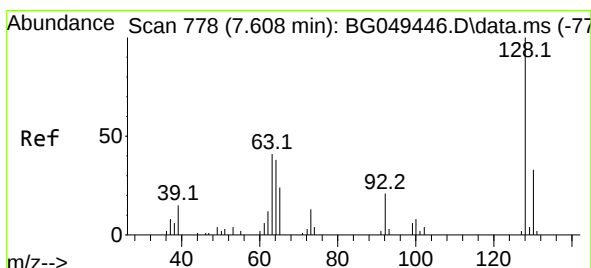
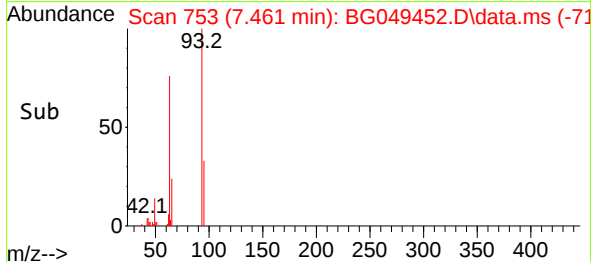
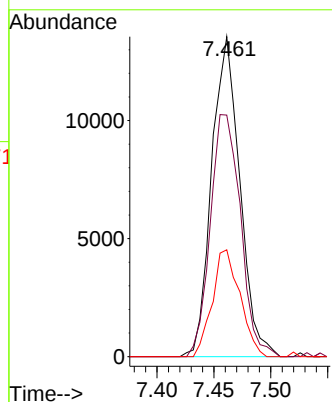
Instrument :
BNA_G
ClientSampleId :
JLX86MS



Tgt Ion:	93	Resp:	23343
Ion	Ratio	Lower	Upper
93	100		
63	75.5	62.4	93.6
95	33.4	26.0	39.0

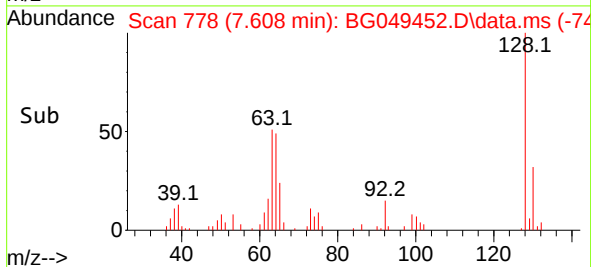
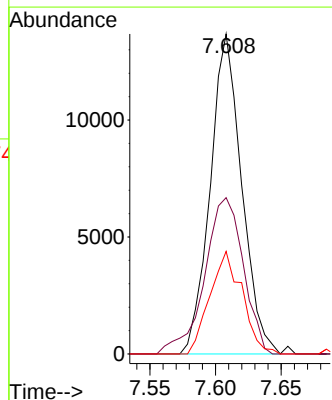
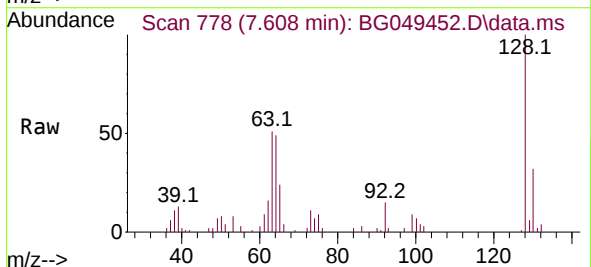
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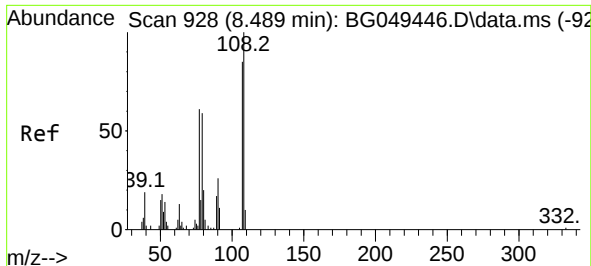
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#12
2-Chlorophenol
Concen: 21.55 ng/ul
RT: 7.608 min Scan# 778
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:	128	Resp:	22820
Ion	Ratio	Lower	Upper
128	100		
64	48.9	44.2	66.4
130	32.0	24.1	36.1





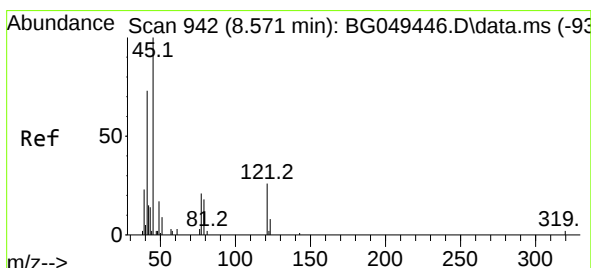
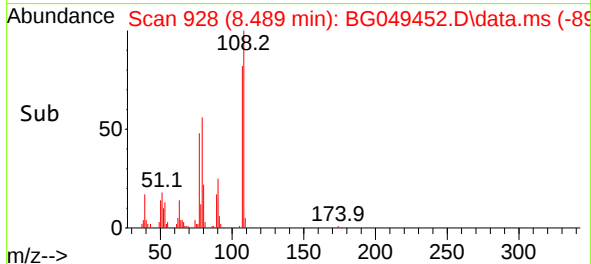
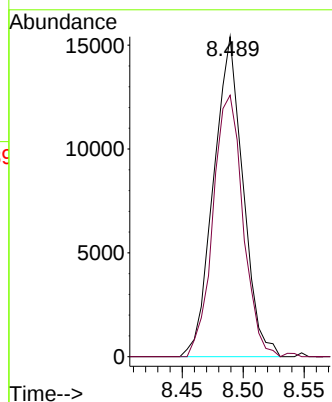
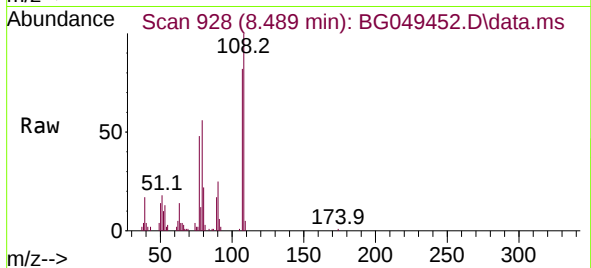
#13
2-Methylphenol
Concen: 22.66 ng/ul
RT: 8.489 min Scan# 928
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

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Tgt Ion:108 Resp: 25893
Ion Ratio Lower Upper
108 100
107 81.7 71.2 106.8

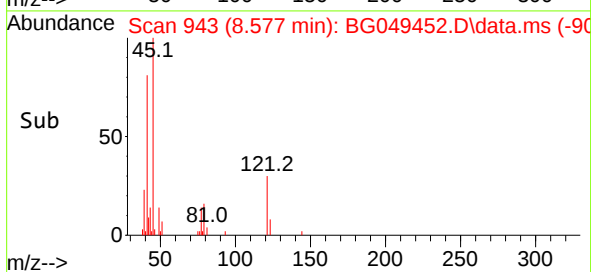
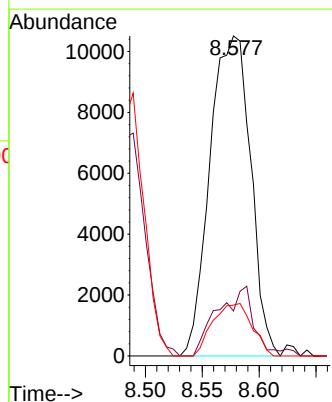
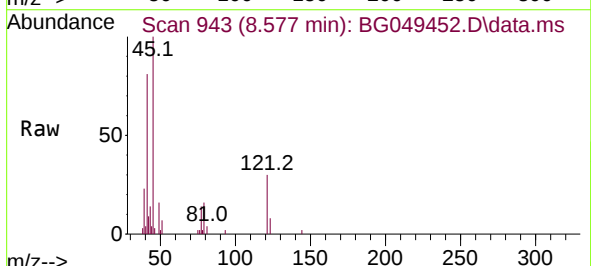
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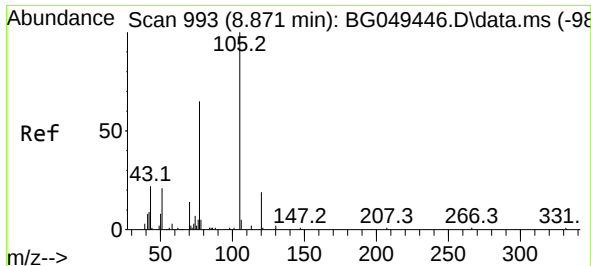
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.55 ng/ul
RT: 8.577 min Scan# 943
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

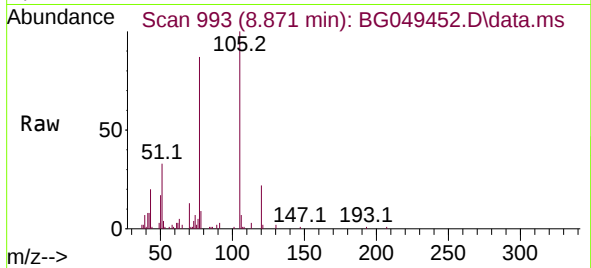
Tgt Ion: 45 Resp: 26081
Ion Ratio Lower Upper
45 100
77 14.1 17.0 25.4#
79 15.9 9.7 14.5#





#16
Acetophenone
Concen: 23.47 ng/ul
RT: 8.871 min Scan# 993
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

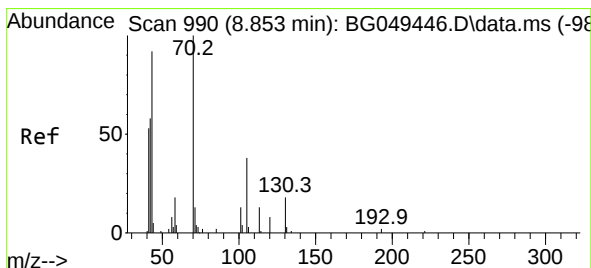
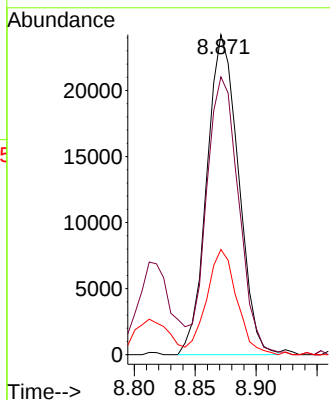
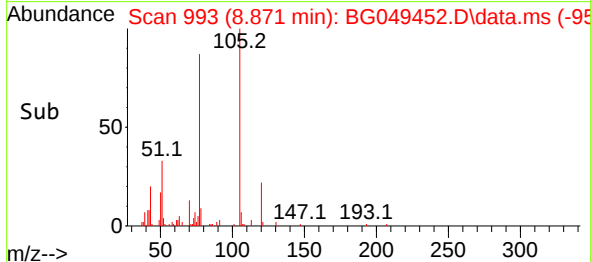
Instrument :
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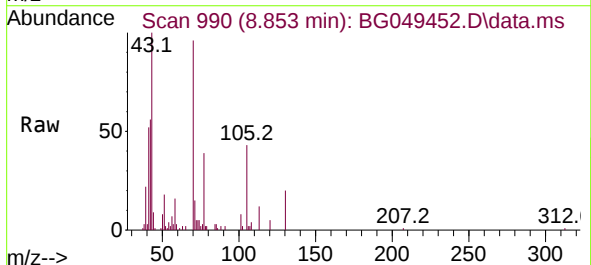
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Ion Ratio Lower Upper
105 100
77 86.8 66.4 99.6
51 32.9 20.8 31.2#

Manual Integrations
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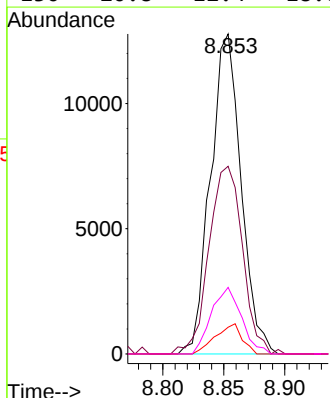
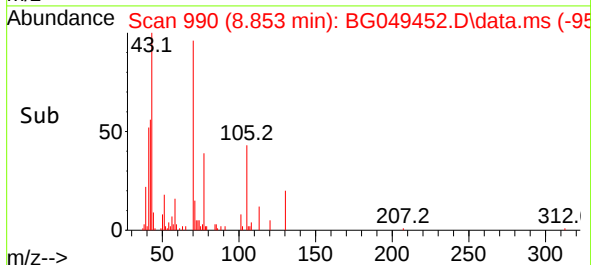
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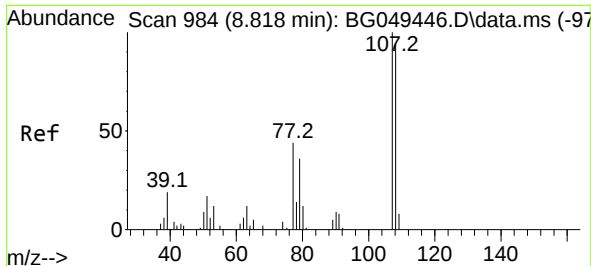


#17
N-Nitroso-di-n-propylamine
Concen: 23.26 ng/ul
RT: 8.853 min Scan# 990
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



Tgt Ion: 70 Resp: 22331
Ion Ratio Lower Upper
70 100
42 58.6 44.2 66.4
101 8.3 5.4 8.0#
130 20.8 12.4 18.6#





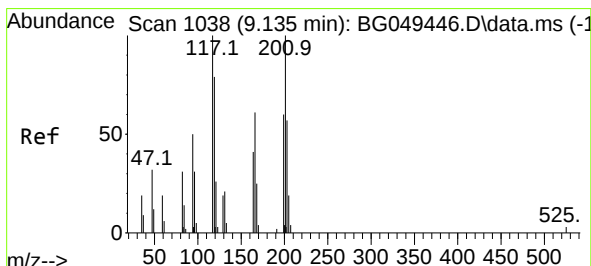
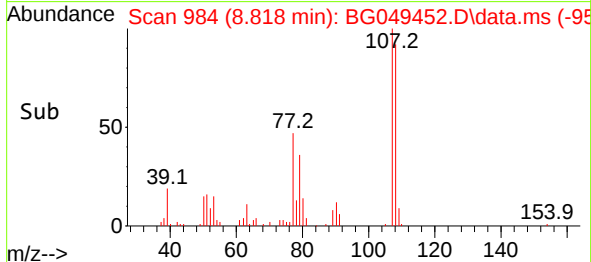
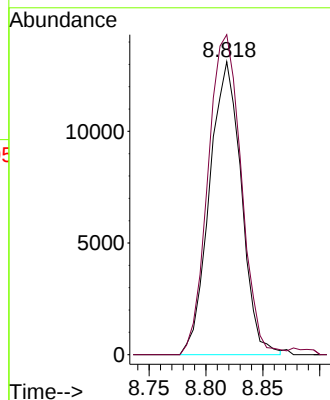
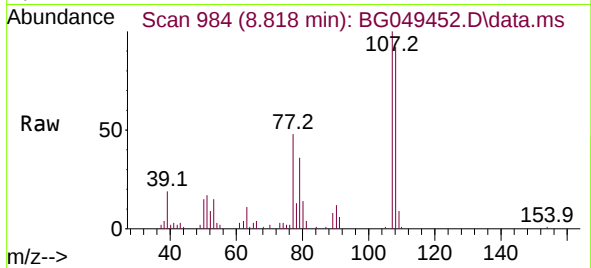
#18
4-Methylphenol
Concen: 21.24 ng/ul
RT: 8.818 min Scan# 984
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:108 Resp: 25534
Ion Ratio Lower Upper
108 100
107 109.2 85.4 128.2

Instrument :
BNA_G
ClientSampled :
JLX86MS

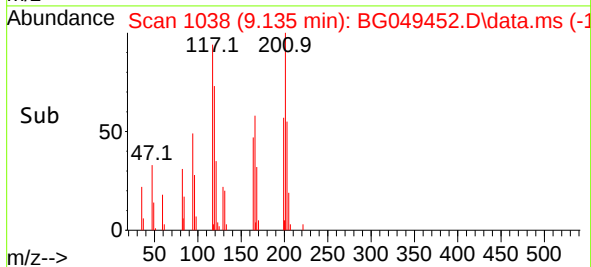
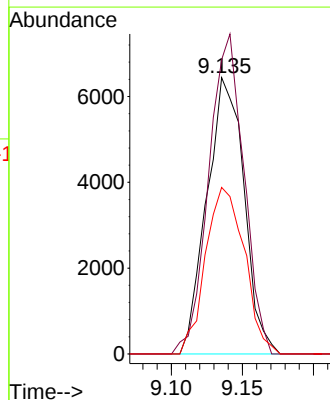
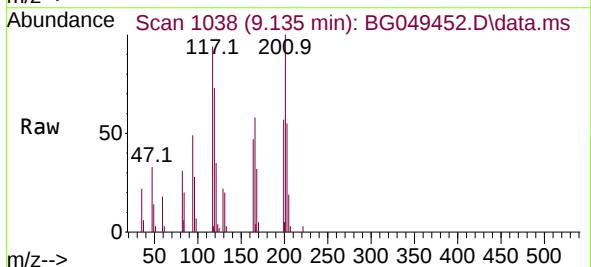
Manual Integrations
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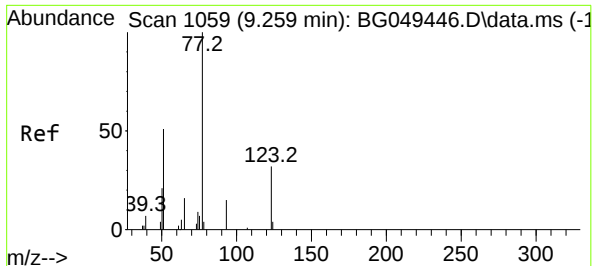
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#19
Hexachloroethane
Concen: 24.53 ng/ul
RT: 9.135 min Scan# 1038
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:117 Resp: 11704
Ion Ratio Lower Upper
117 100
201 106.5 100.1 150.1
199 60.3 49.8 74.6





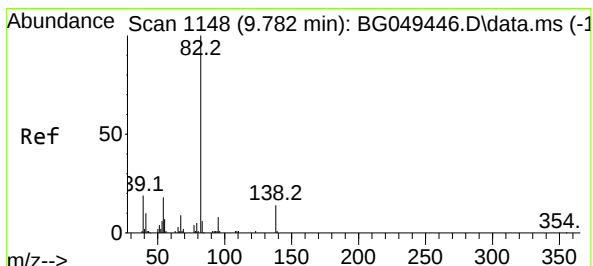
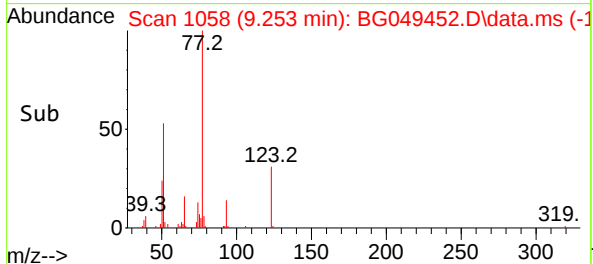
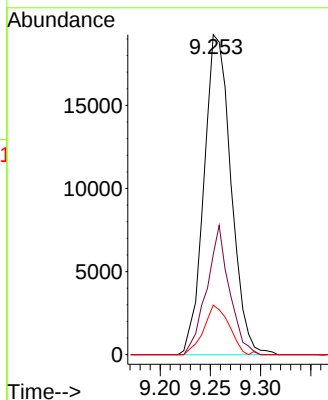
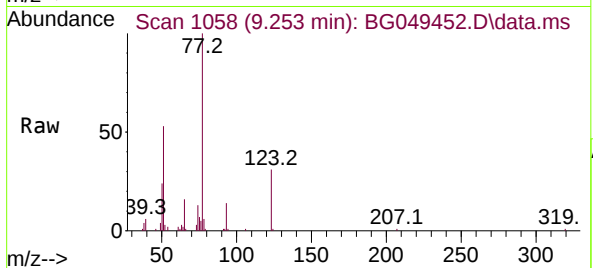
#22
Nitrobenzene
Concen: 22.93 ng/ul
RT: 9.253 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion: 77	Resp: 36279
Ion Ratio	Lower Upper
77 100	
123 31.3	27.5 41.3
65 15.5	10.8 16.2

Instrument :
BNA_G
ClientSampled :
JLX86MS

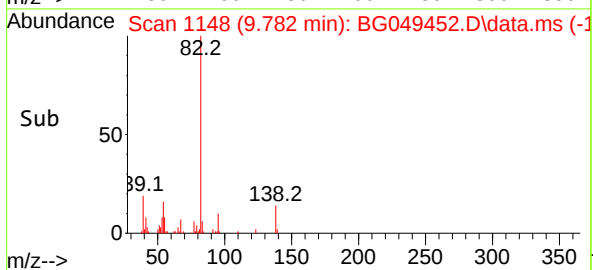
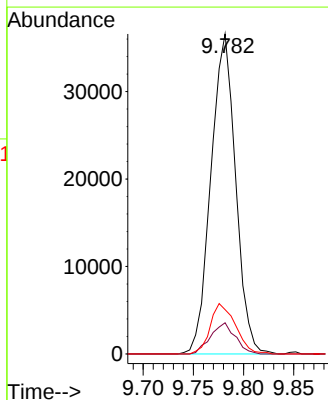
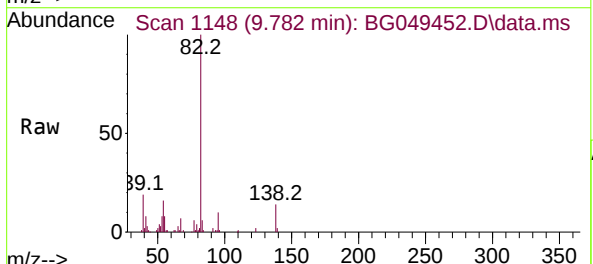
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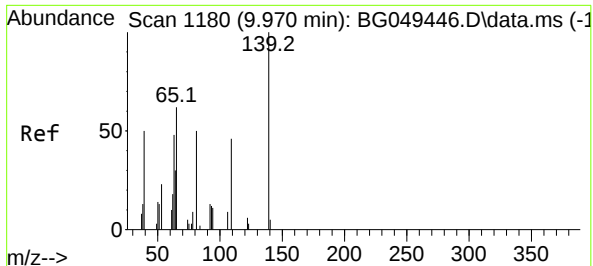
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#23
Isophorone
Concen: 23.61 ng/ul
RT: 9.782 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion: 82	Resp: 62603
Ion Ratio	Lower Upper
82 100	
95 9.7	7.4 11.0
138 13.8	10.7 16.1





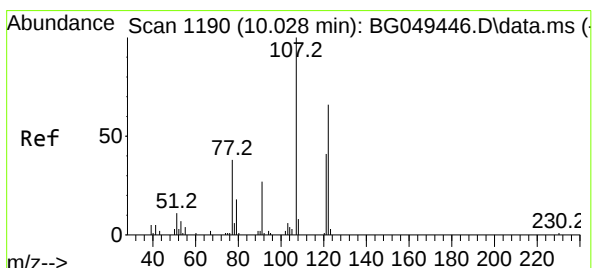
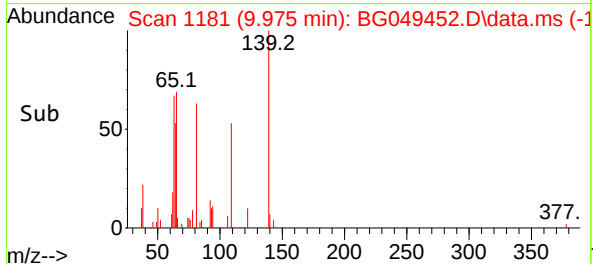
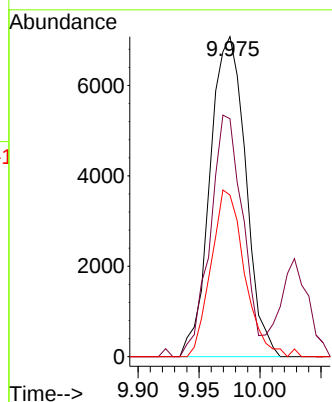
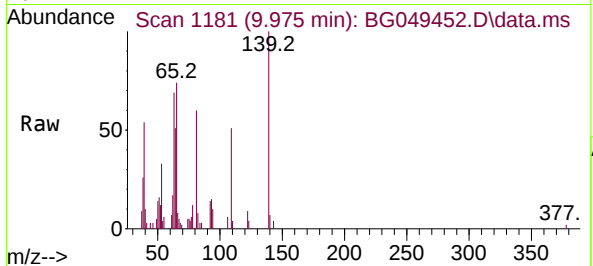
#25
2-Nitrophenol
Concen: 24.63 ng/ul
RT: 9.975 min Scan# 1181
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
65	74.4	49.8	74.6
109	50.5	31.9	47.9

Instrument :
BNA_G
ClientSampleId :
JLX86MS

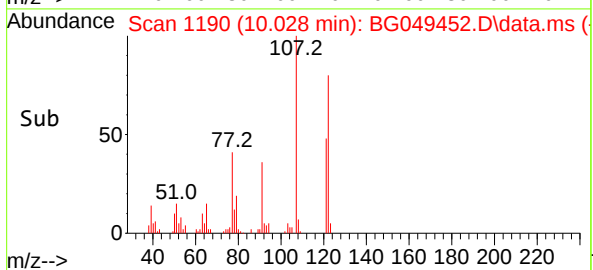
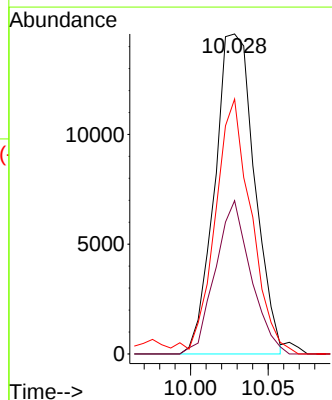
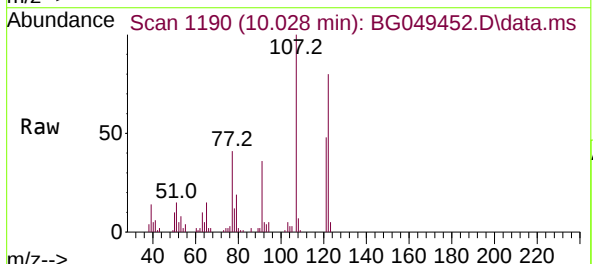
Manual Integrations
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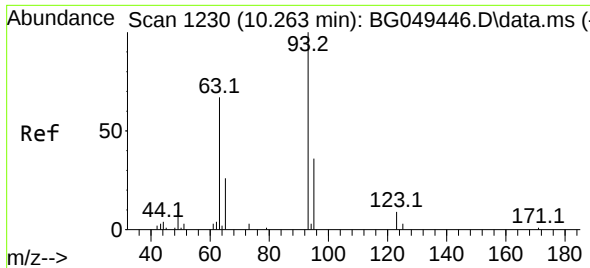
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#26
2,4-Dimethylphenol
Concen: 18.72 ng/ul
RT: 10.028 min Scan# 1190
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

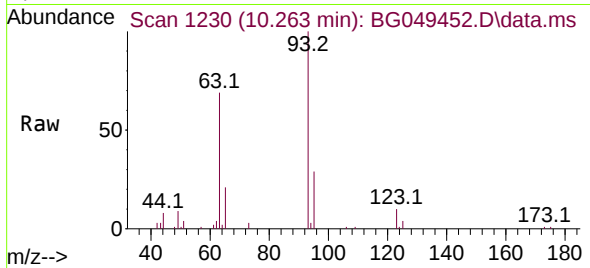
Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.9	34.1	51.1
122	79.6	58.8	88.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.88 ng/ul
 RT: 10.263 min Scan# 1230
 Delta R.T. -0.001 min
 Lab File: BG049452.D
 Acq: 24 Jul 2021 15:23

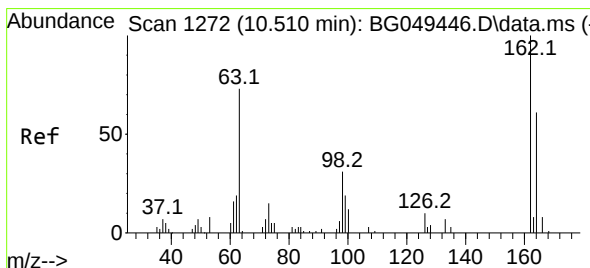
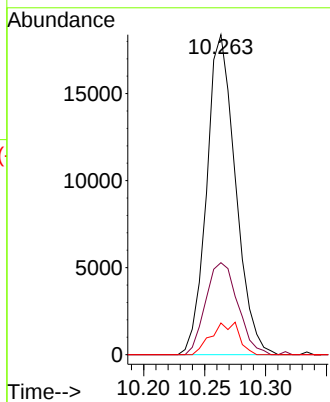
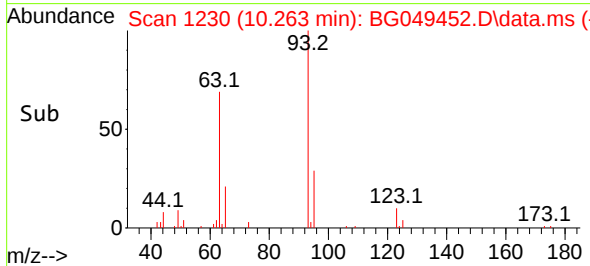
Instrument :
 BNA_G
 ClientSampled :
 JLX86MS



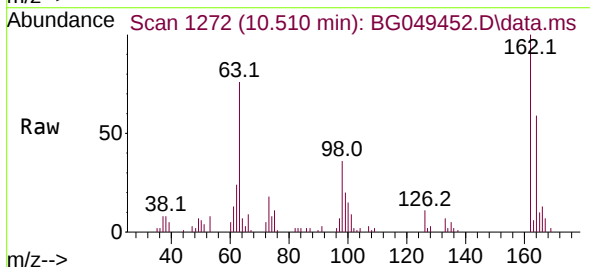
Tgt Ion:	93	Resp:	30260
Ion Ratio	Lower	Upper	
93	100		
95	28.8	26.8	40.2
123	9.9	8.3	12.5

Manual Integrations
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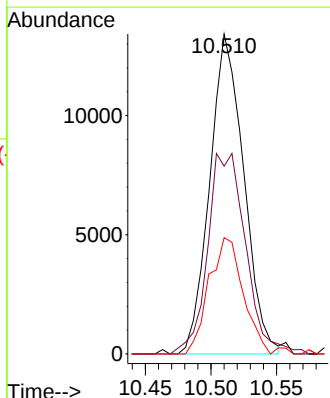
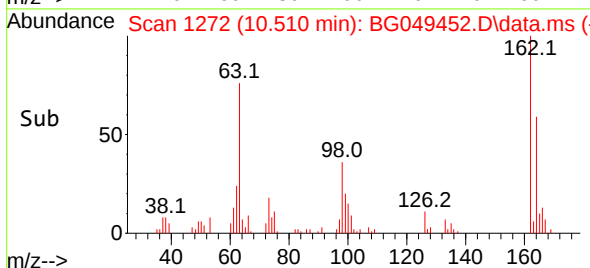
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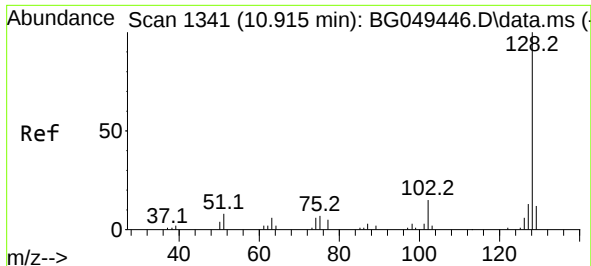


#29
 2,4-Dichlorophenol
 Concen: 21.91 ng/ul
 RT: 10.510 min Scan# 1272
 Delta R.T. -0.001 min
 Lab File: BG049452.D
 Acq: 24 Jul 2021 15:23

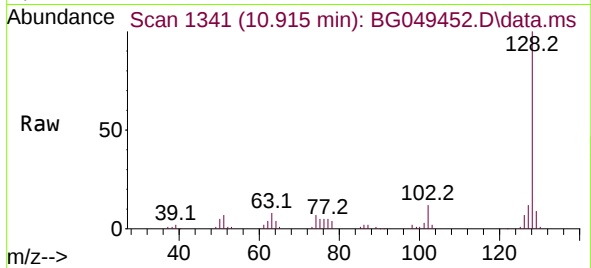


Tgt Ion:	162	Resp:	24189
Ion Ratio	Lower	Upper	
162	100		
164	58.7	52.2	78.2
98	36.4	25.4	38.2

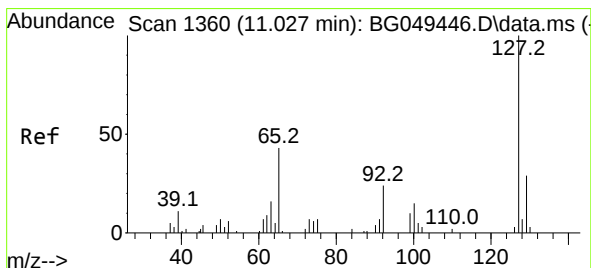
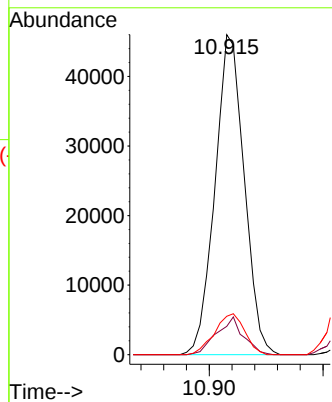
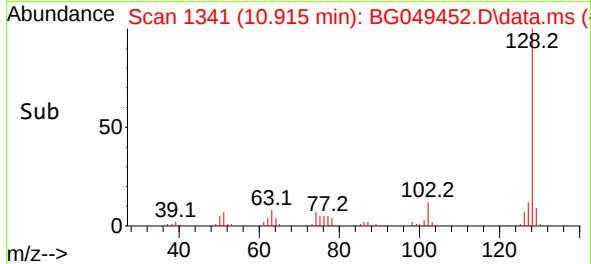




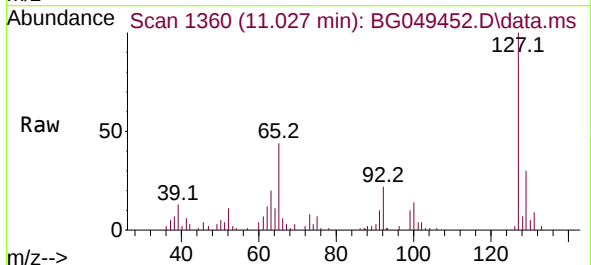
#30
Naphthalene
Concen: 23.13 ng/ul
RT: 10.915 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



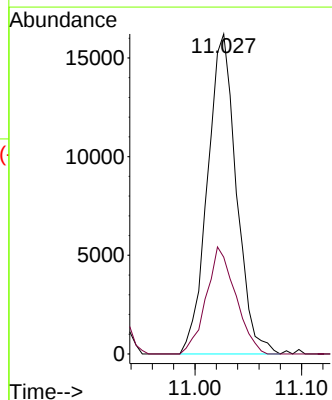
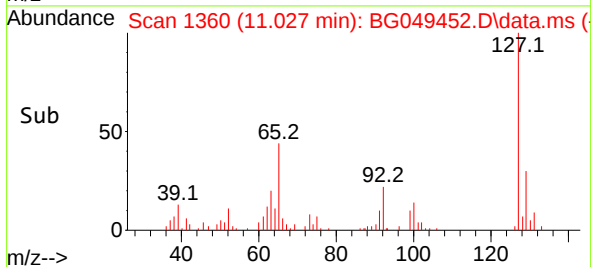
Tgt Ion:128 Resp: 82132
Ion Ratio Lower Upper
128 100
129 8.8 7.8 11.8
127 12.0 11.0 16.6



#32
4-Chloroaniline
Concen: 20.41 ng/ul
RT: 11.027 min Scan# 1360
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



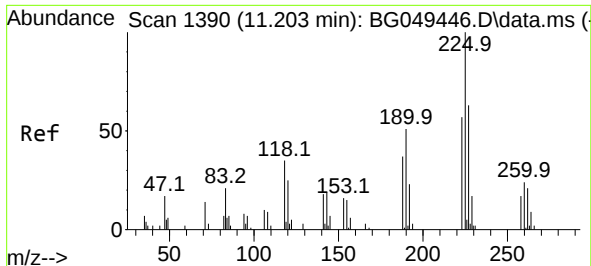
Tgt Ion:127 Resp: 30560
Ion Ratio Lower Upper
127 100
129 30.3 21.3 31.9



Instrument :
BNA_G
ClientSampleId :
JLX86MS

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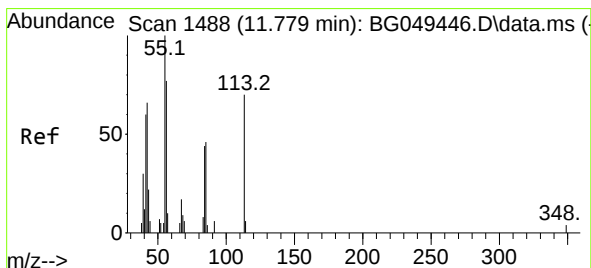
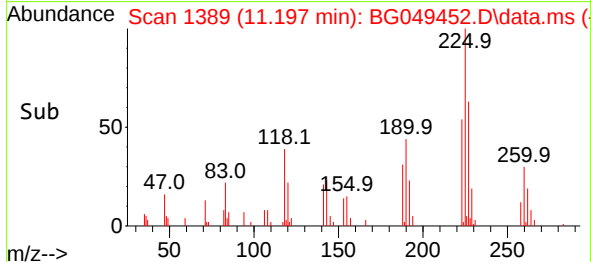
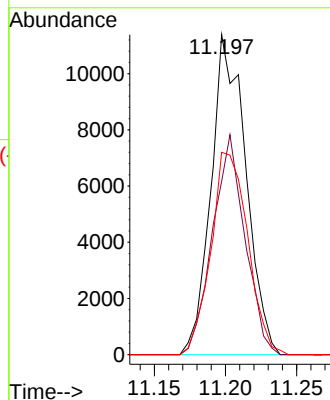
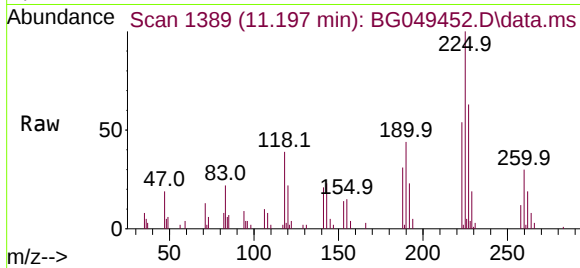
#33
Hexachlorobutadiene
Concen: 22.85 ng/ul
RT: 11.197 min Scan# 1389
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:	225	Resp:	19285
Ion Ratio	Lower	Upper	
225	100		
223	54.1	52.1	78.1
227	63.3	52.4	78.6

Instrument :
BNA_G
ClientSampled :
JLX86MS

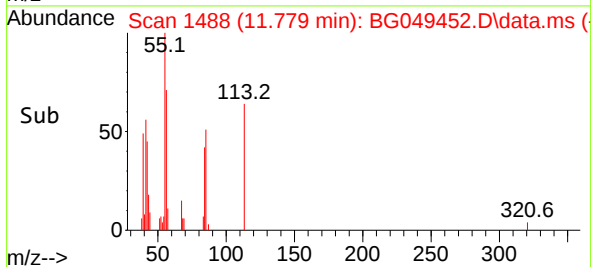
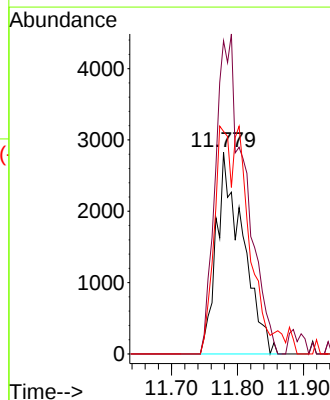
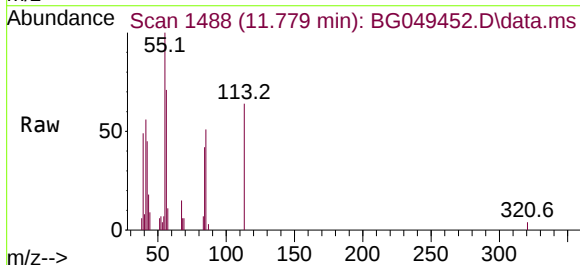
Manual Integrations
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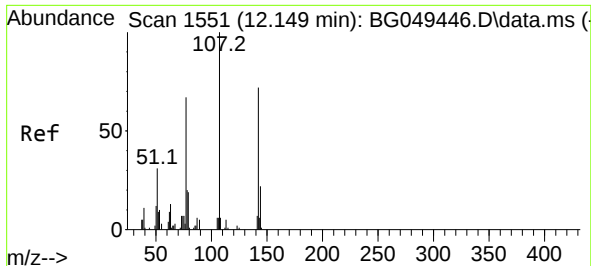
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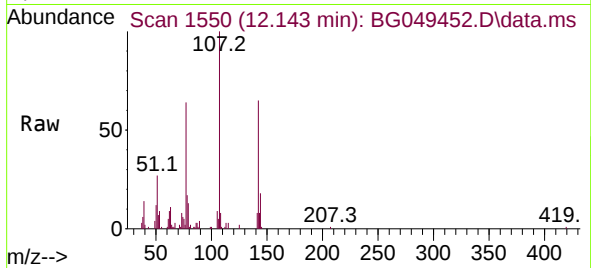
#34
Caprolactam
Concen: 20.89 ng/ul m
RT: 11.779 min Scan# 1488
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:	113	Resp:	7845
Ion Ratio	Lower	Upper	
113	100		
55	155.3	116.6	174.8
56	110.3	95.0	142.6

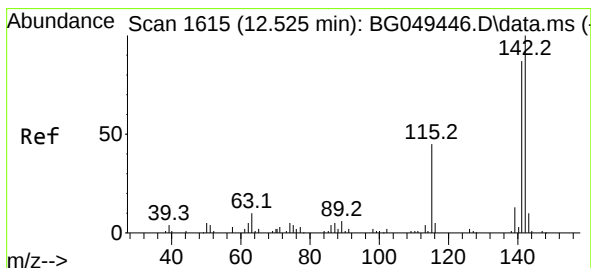
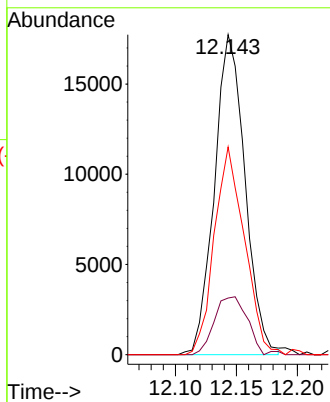
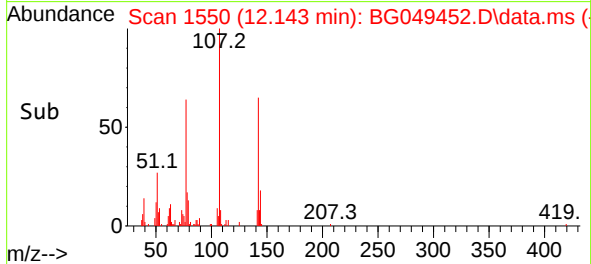




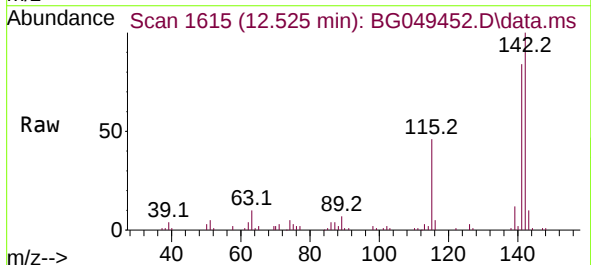
#35
4-Chloro-3-methylphenol
Concen: 24.90 ng/ul
RT: 12.143 min Scan# 1550
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



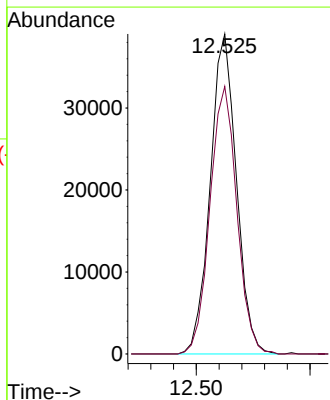
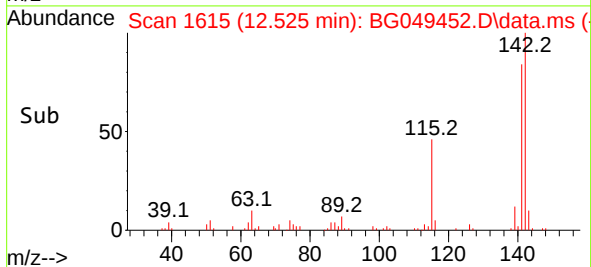
Tgt Ion:107 Resp: 30935
Ion Ratio Lower Upper
107 100
144 17.7 17.0 25.6
142 64.9 53.3 79.9



#36
2-Methylnaphthalene
Concen: 24.00 ng/ul
RT: 12.525 min Scan# 1615
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



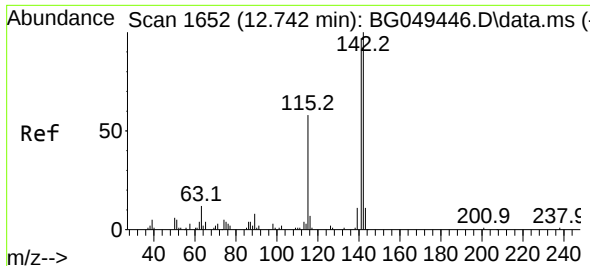
Tgt Ion:142 Resp: 62363
Ion Ratio Lower Upper
142 100
141 83.6 69.9 104.9



Instrument :
BNA_G
ClientSampleId :
JLX86MS

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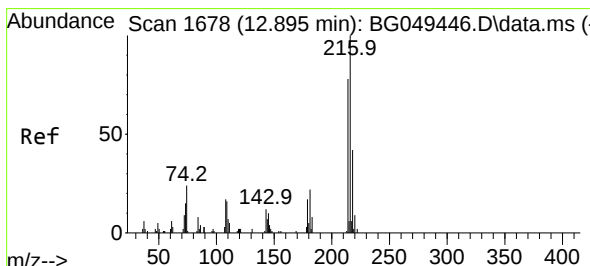
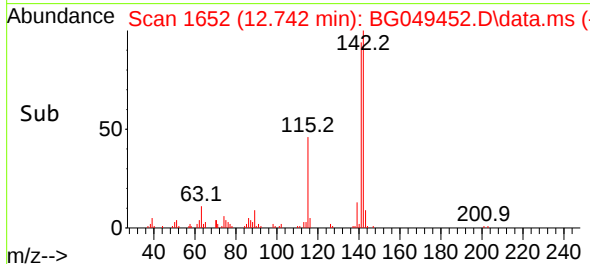
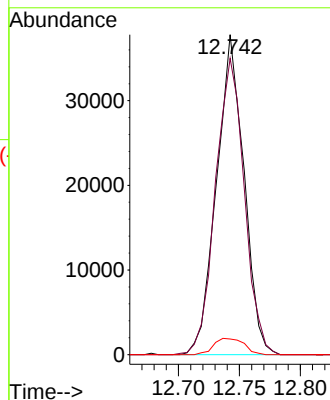
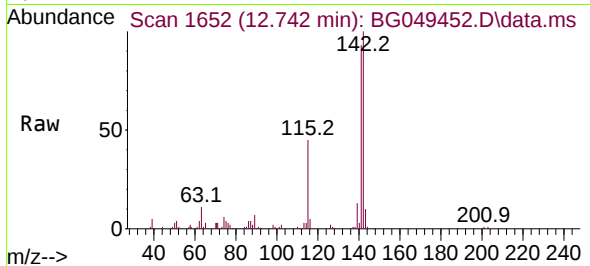
#37
1-Methylnaphthalene
Concen: 22.47 ng/ul
RT: 12.742 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:	142	Resp:	59001
Ion Ratio	Lower	Upper	
142	100		
141	92.6	82.1	123.1
116	4.9	3.8	5.6

Instrument :
BNA_G
ClientSampled :
JLX86MS

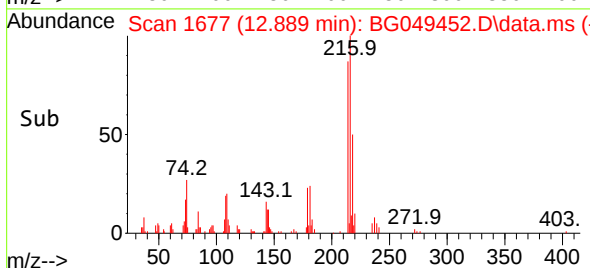
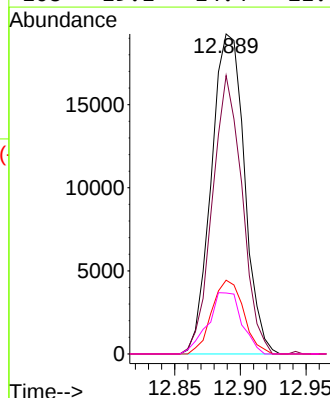
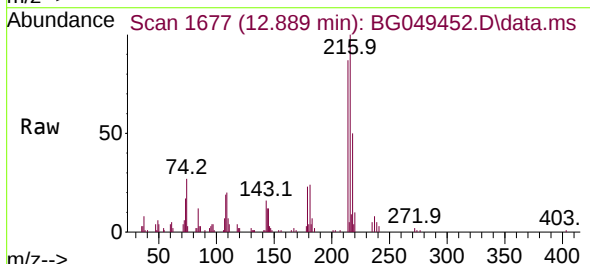
Manual Integrations
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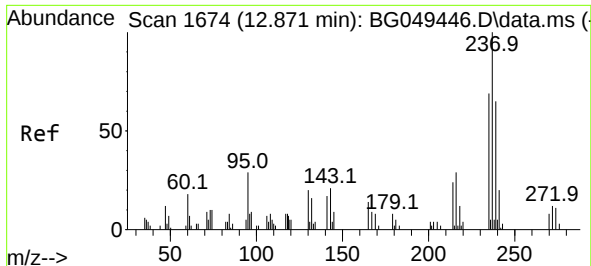
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.22 ng/ul
RT: 12.889 min Scan# 1677
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:	216	Resp:	33831
Ion Ratio	Lower	Upper	
216	100		
214	87.0	58.6	88.0
179	23.1	17.0	25.4
108	19.1	14.4	21.6





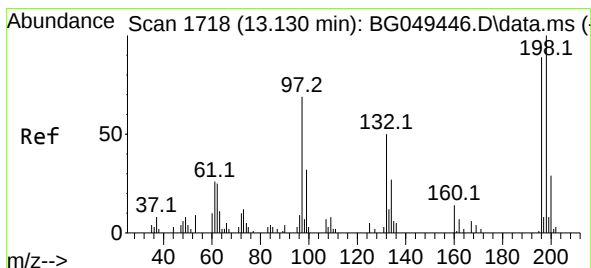
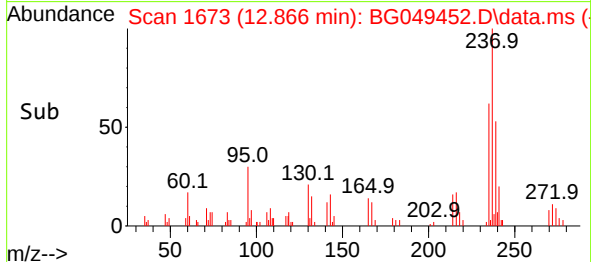
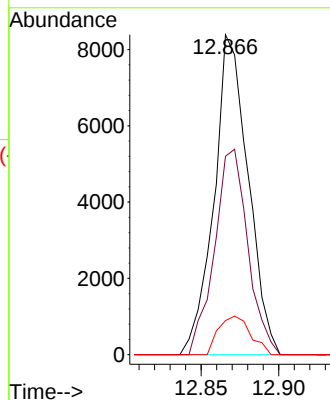
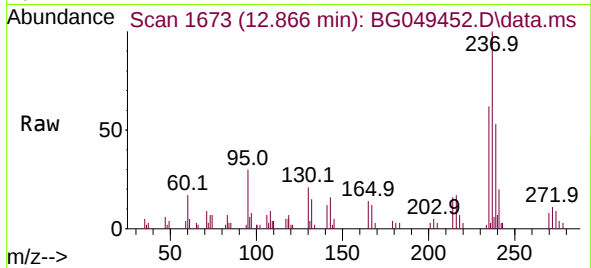
#40
Hexachlorocyclopentadiene
Concen: 14.58 ng/ul
RT: 12.866 min Scan# 1673
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	48.2	72.4
272	10.7	10.1	15.1

Instrument :
BNA_G
ClientSampled :
JLX86MS

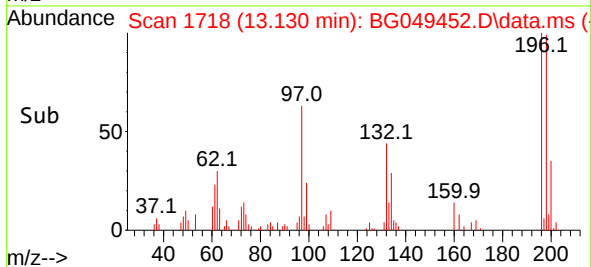
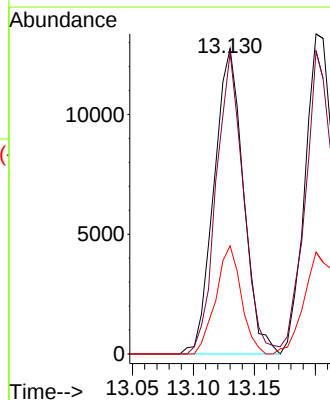
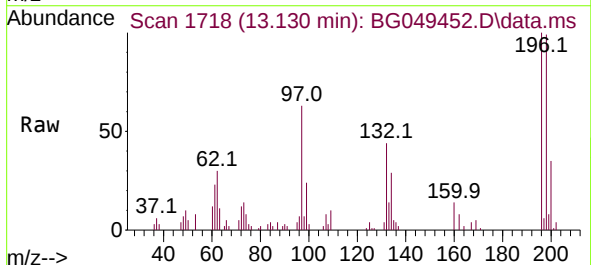
Manual Integrations
APPROVED

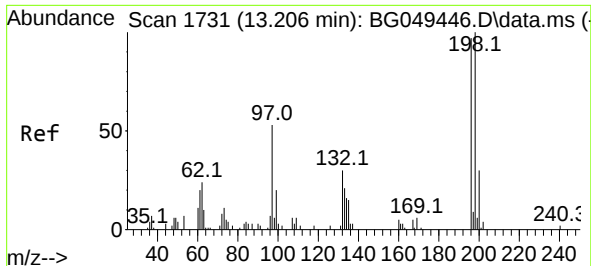
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#41
2,4,6-Trichlorophenol
Concen: 23.89 ng/ul
RT: 13.130 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	61.6	92.4#
200	35.4	21.3	31.9#





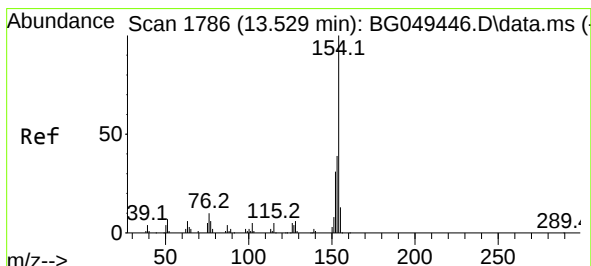
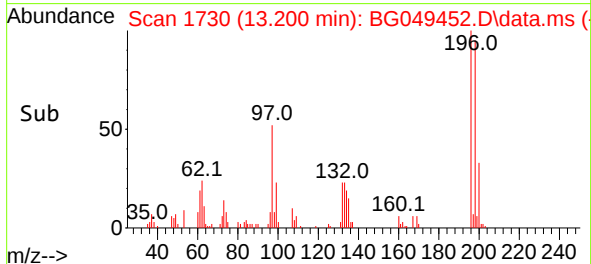
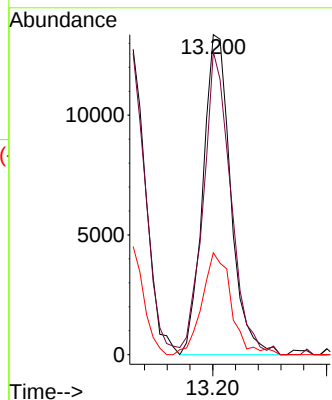
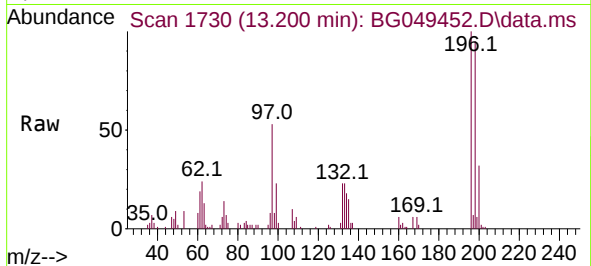
#42
2,4,5-Trichlorophenol
Concen: 23.63 ng/ul
RT: 13.200 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	81.4	122.0
200	31.9	26.6	39.8

Instrument :
BNA_G
ClientSampled :
JLX86MS

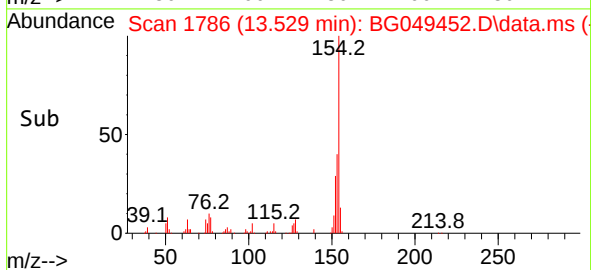
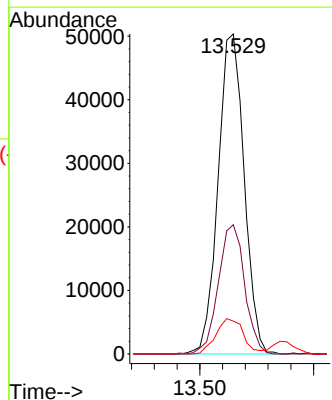
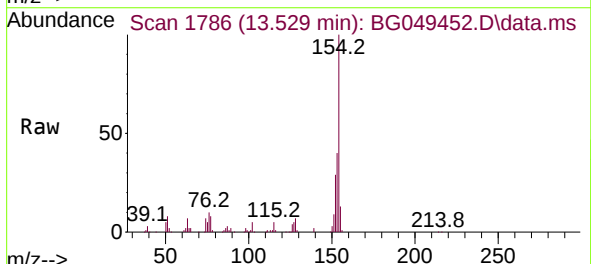
Manual Integrations
APPROVED

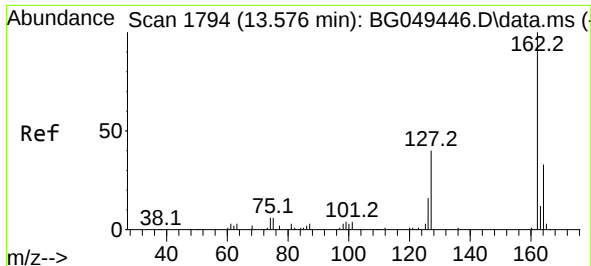
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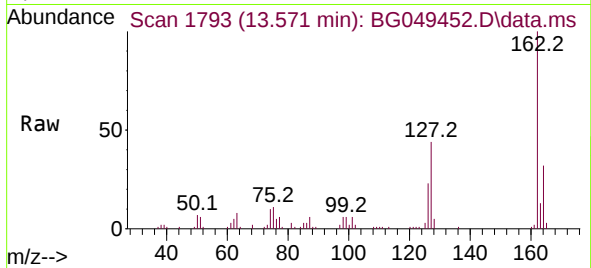
#43
1,1'-Biphenyl
Concen: 22.97 ng/ul
RT: 13.529 min Scan# 1786
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	33.3	49.9
76	10.2	7.0	10.6





#44
2-Chloronaphthalene
Concen: 22.62 ng/ul
RT: 13.571 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

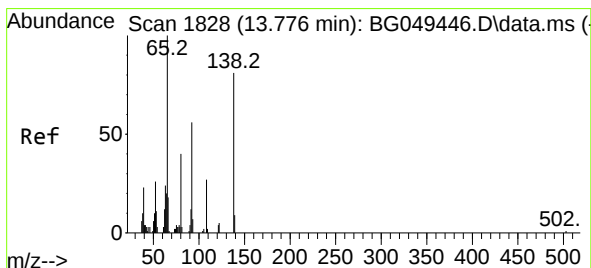
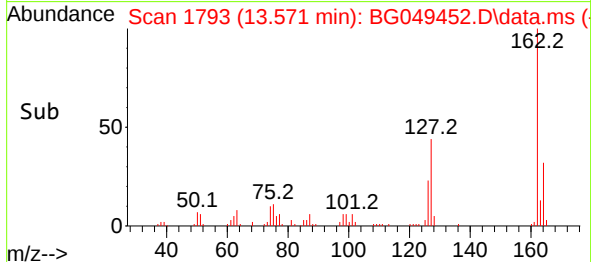
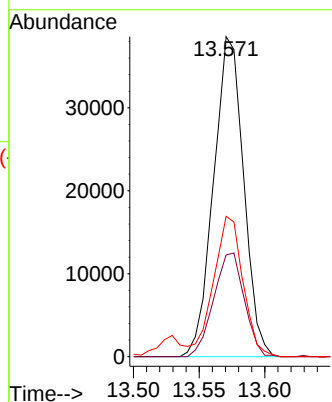


Tgt Ion:162 Resp: 61441
Ion Ratio Lower Upper
162 100
164 31.8 24.5 36.7
127 43.9 35.7 53.5

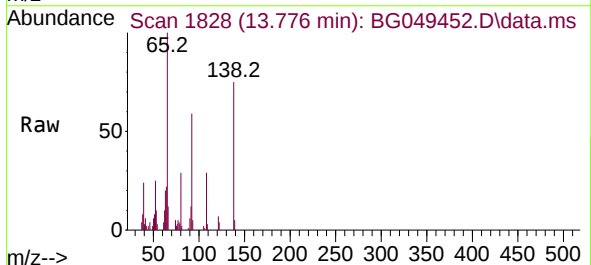
Instrument :
BNA_G
ClientSampled :
JLX86MS

Manual Integrations
APPROVED

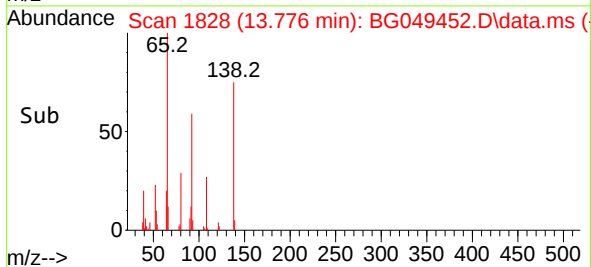
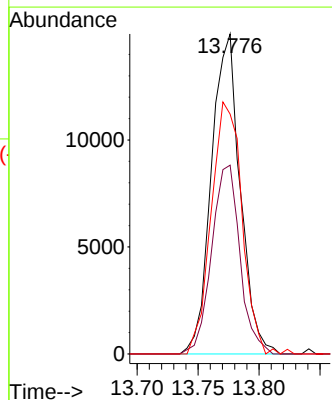
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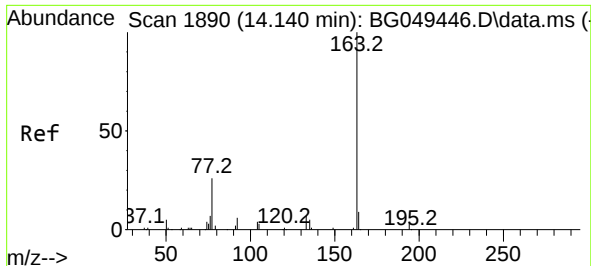


#45
2-Nitroaniline
Concen: 25.46 ng/ul
RT: 13.776 min Scan# 1828
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



Tgt Ion: 65 Resp: 24537
Ion Ratio Lower Upper
65 100
92 59.0 51.8 77.6
138 74.9 68.1 102.1





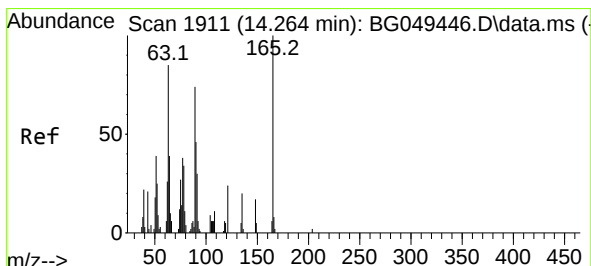
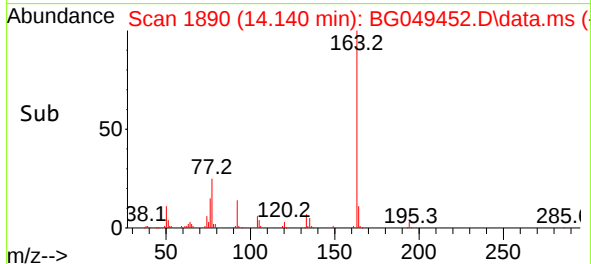
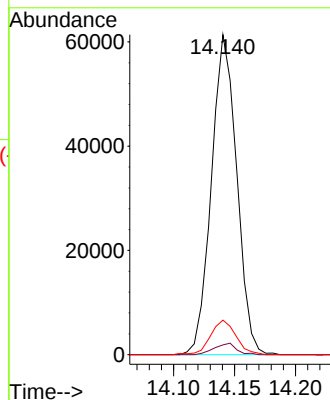
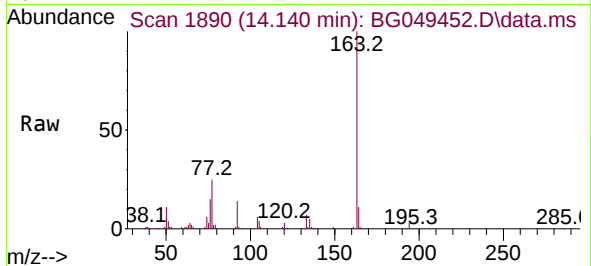
#47
Dimethylphthalate
Concen: 24.30 ng/ul
RT: 14.140 min Scan# 1890
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:163 Resp: 88719
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.6#
164 10.8 8.5 12.7

Instrument :
BNA_G
ClientSampled :
JLX86MS

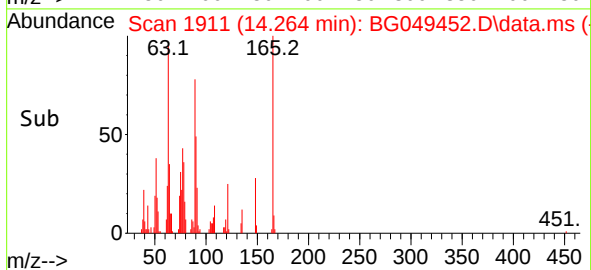
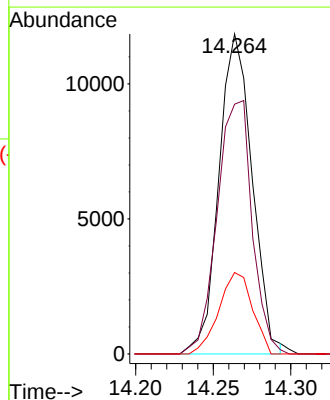
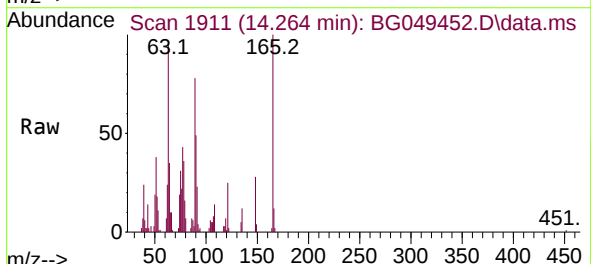
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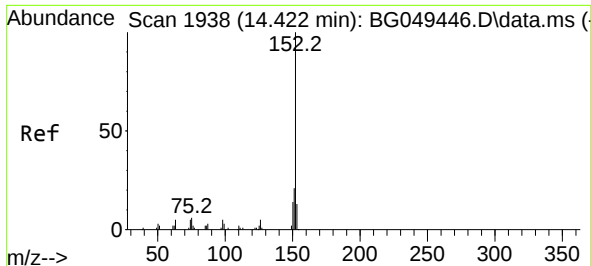
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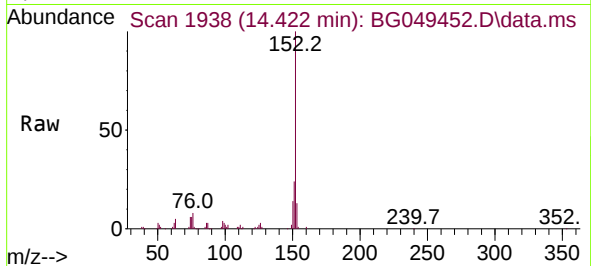
#48
2,6-Dinitrotoluene
Concen: 24.21 ng/ul
RT: 14.264 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:165 Resp: 17642
Ion Ratio Lower Upper
165 100
89 78.1 67.4 101.2
121 25.4 24.6 36.8

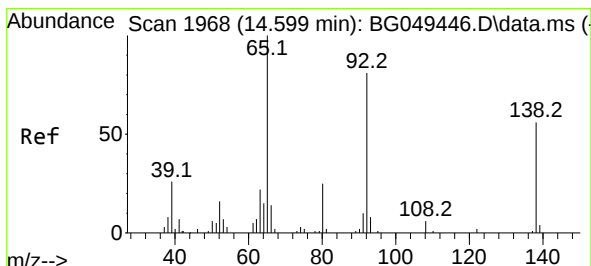
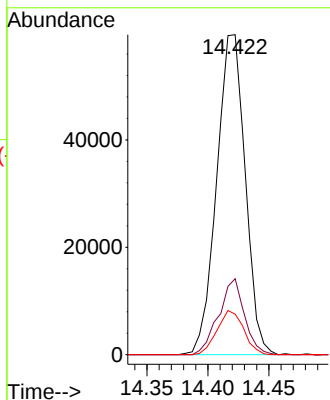
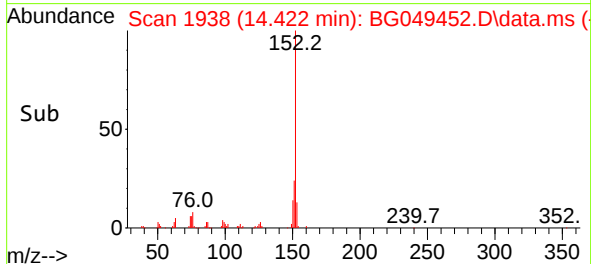




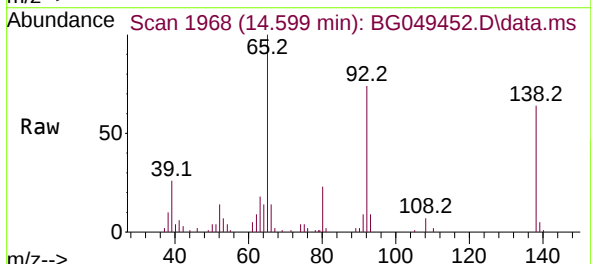
#50
Acenaphthylene
Concen: 23.35 ng/ul
RT: 14.422 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



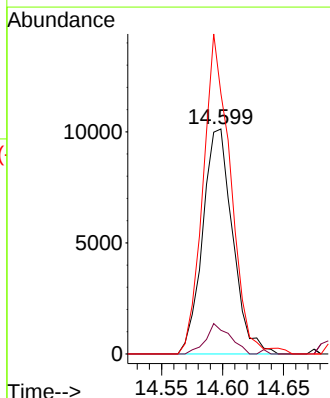
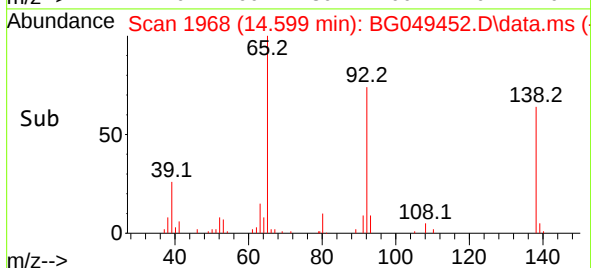
Tgt Ion:152 Resp: 97239
Ion Ratio Lower Upper
152 100
151 23.7 14.4 21.6#
153 12.6 9.5 14.3



#51
3-Nitroaniline
Concen: 23.84 ng/ul
RT: 14.599 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



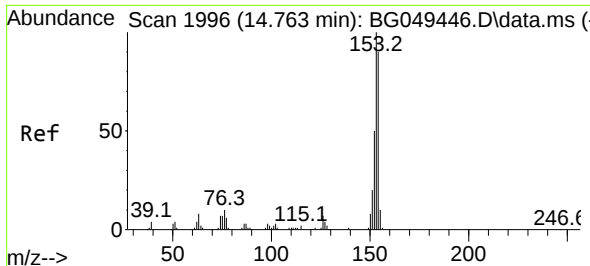
Tgt Ion:138 Resp: 17328
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 115.7 93.0 139.6



Instrument :
BNA_G
ClientSampleId :
JLX86MS

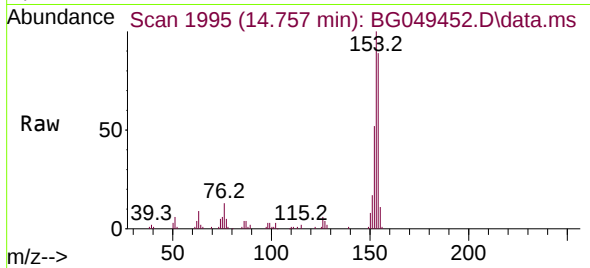
Manual Integrations
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#52
Acenaphthene
Concen: 23.35 ng/ul
RT: 14.757 min Scan# 1995
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

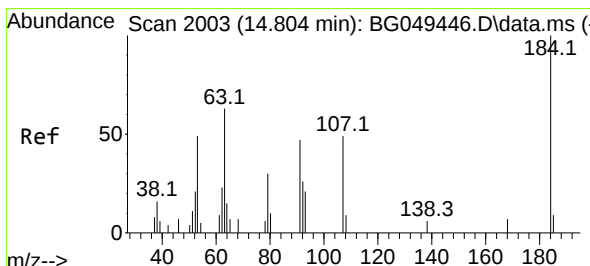
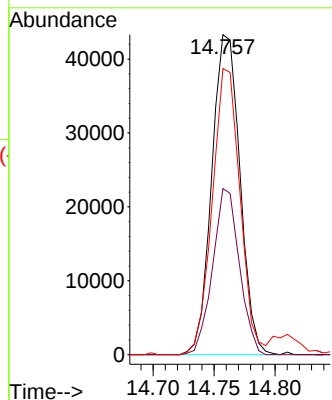
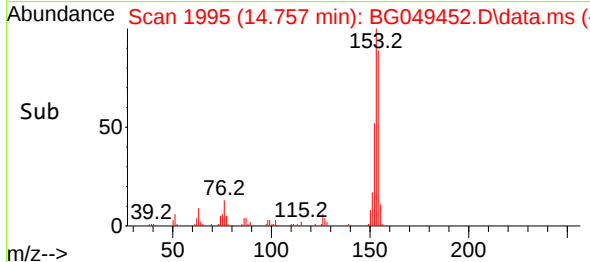
Instrument :
BNA_G
ClientSampleId :
JLX86MS



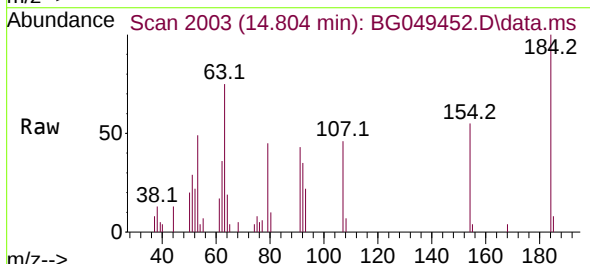
Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.9	37.4	56.0
154	89.4	66.7	100.1

Manual Integrations
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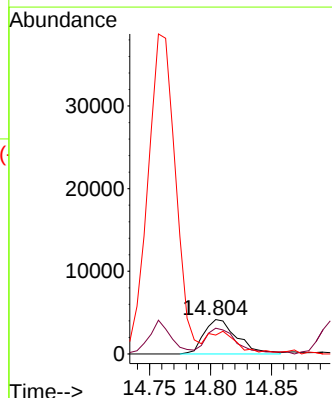
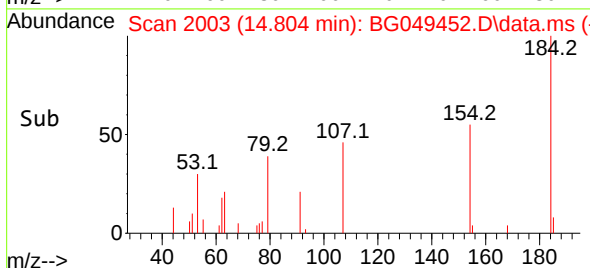
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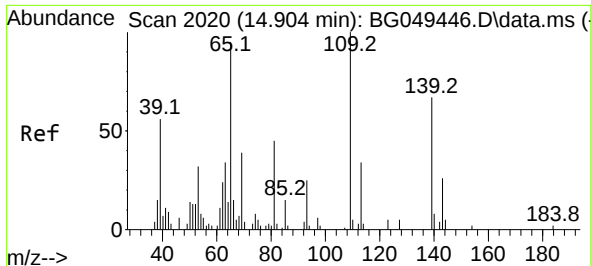


#53
2,4-Dinitrophenol
Concen: 21.64 ng/ul
RT: 14.804 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



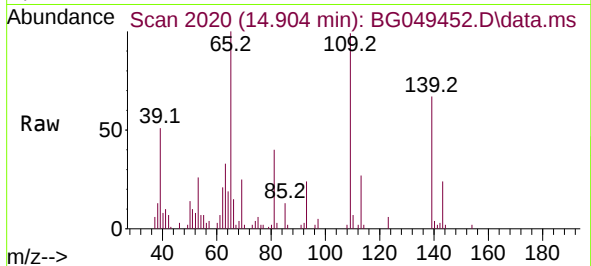
Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	85.5	128.3#
154	54.8	75.8	113.6#





#55
4-Nitrophenol
Concen: 23.90 ng/ul
RT: 14.904 min Scan# 2020
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

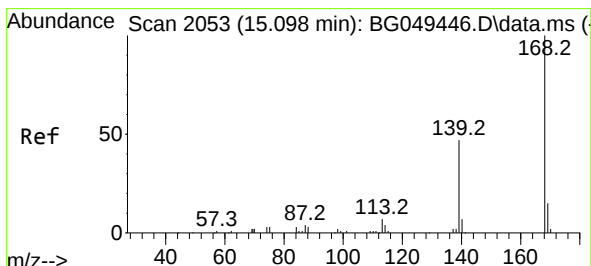
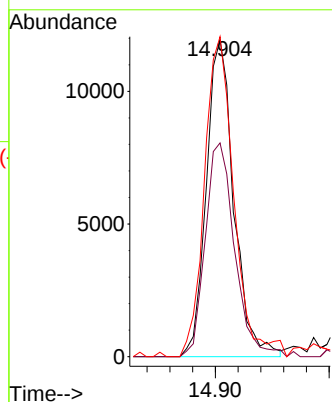
Instrument :
BNA_G
ClientSampleId :
JLX86MS



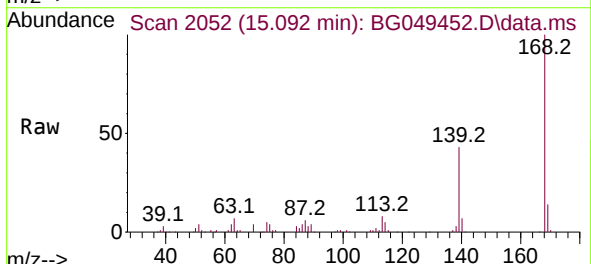
Tgt Ion	Ratio	Lower	Upper
109	100		
139	67.4	57.0	85.4
65	100.9	83.1	124.7

Manual Integrations
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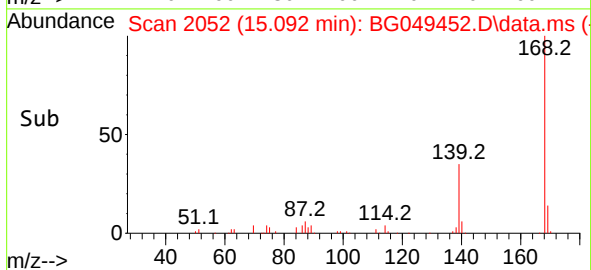
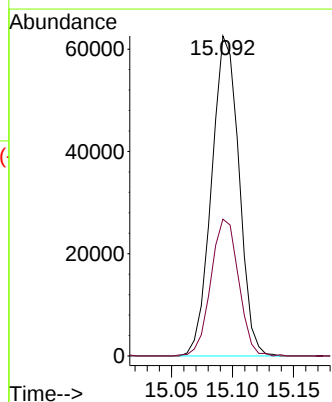
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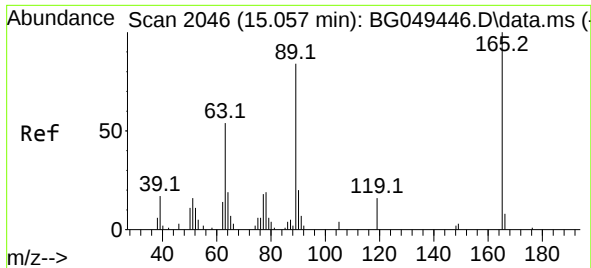


#56
Dibenzofuran
Concen: 24.22 ng/ul
RT: 15.092 min Scan# 2052
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	35.5	53.3





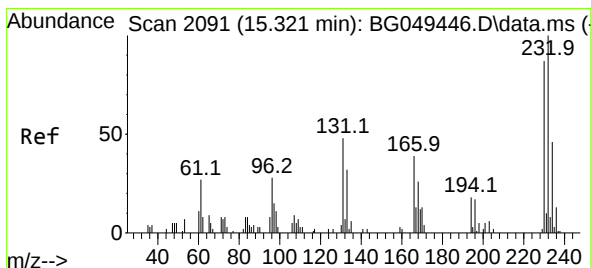
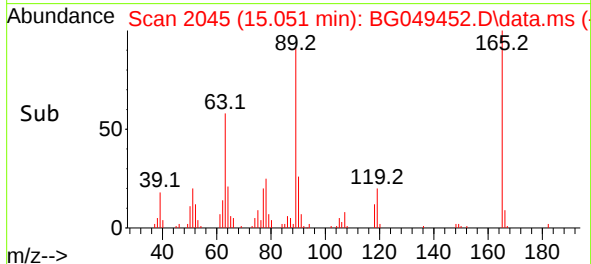
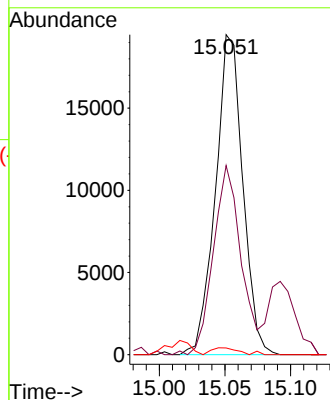
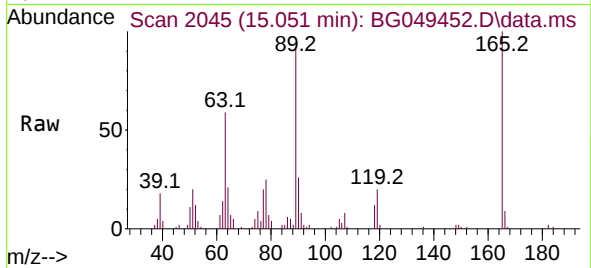
#57
2,4-Dinitrotoluene
Concen: 27.28 ng/ul
RT: 15.051 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Instrument :
BNA_G
ClientSampled :
JLX86MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.1	48.2	72.4
182	2.1	1.4	2.2

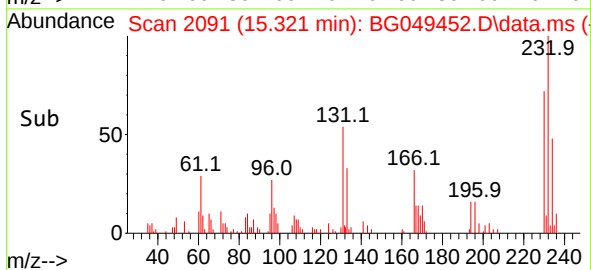
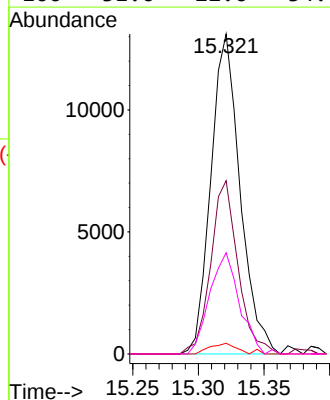
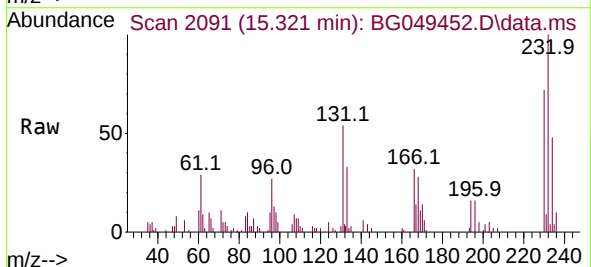
Manual Integrations
APPROVED

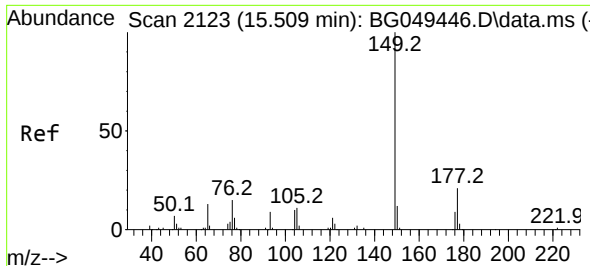
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#58
2,3,4,6-Tetrachlorophenol
Concen: 23.40 ng/ul
RT: 15.321 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.1	39.6	59.4
130	3.4	3.2	4.8
166	31.6	22.6	34.0





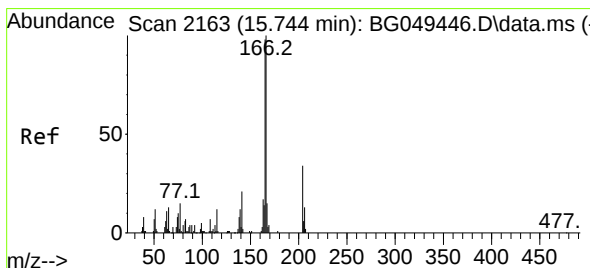
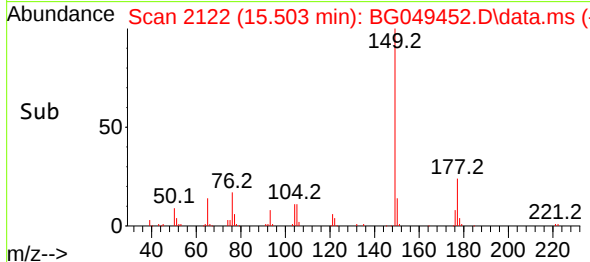
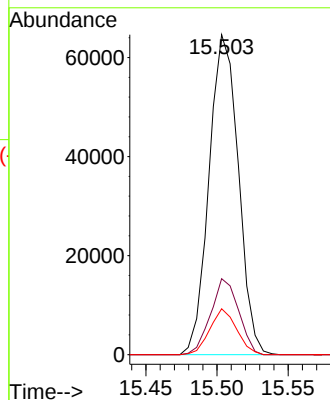
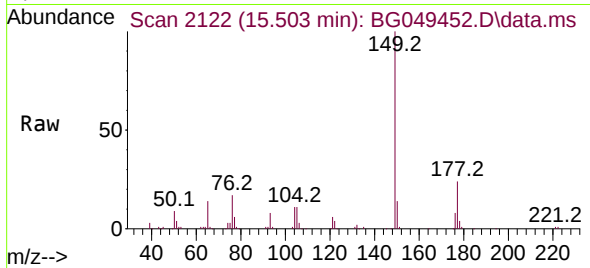
#59
Diethylphthalate
Concen: 24.49 ng/ul
RT: 15.503 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.0	24.0
150	14.4	9.5	14.3#

Instrument :
BNA_G
ClientSampleId :
JLX86MS

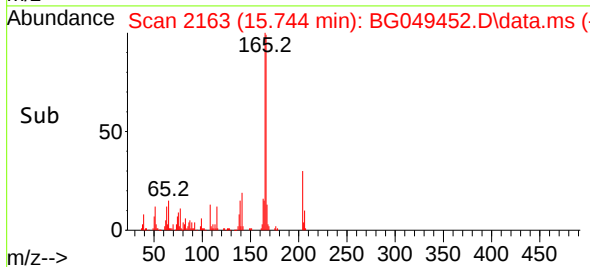
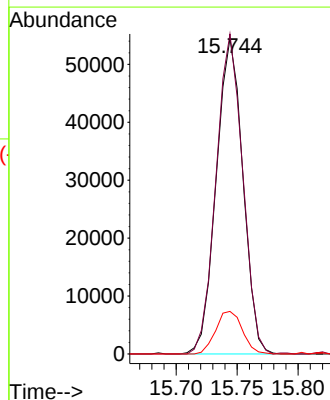
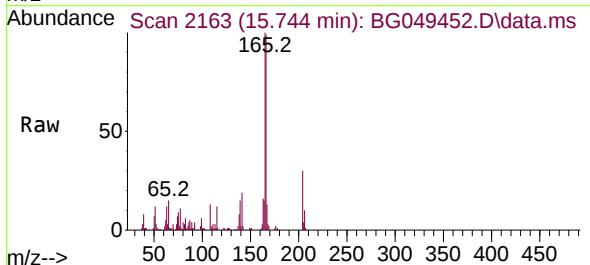
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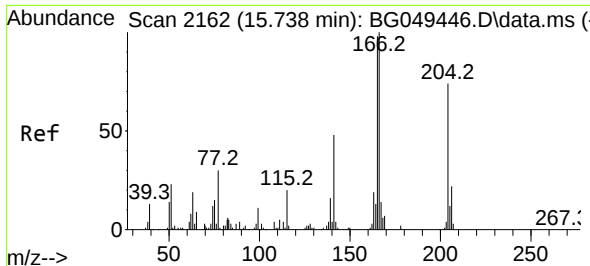
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#61
Fluorene
Concen: 24.16 ng/ul
RT: 15.744 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.8	122.8
167	13.5	11.0	16.4





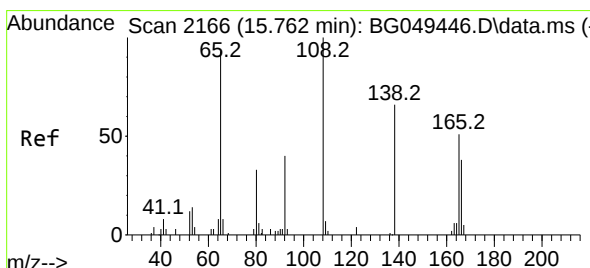
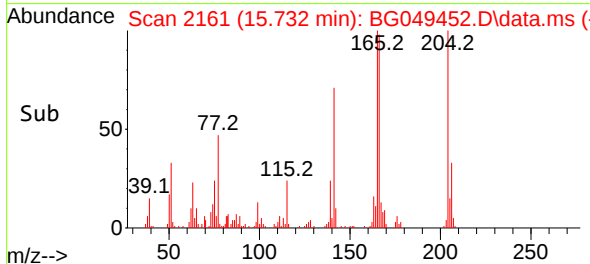
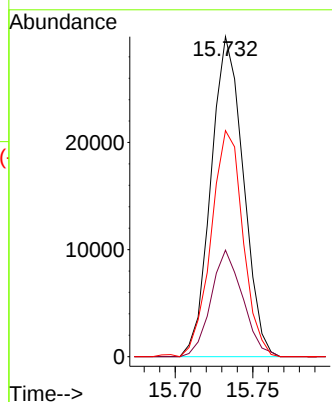
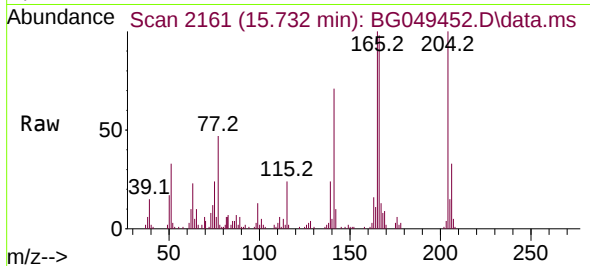
#62
4-Chlorophenyl-phenylether
Concen: 24.29 ng/ul
RT: 15.732 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Instrument :
BNA_G
ClientSampled :
JLX86MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	23.5	35.3
141	70.7	45.4	68.0#

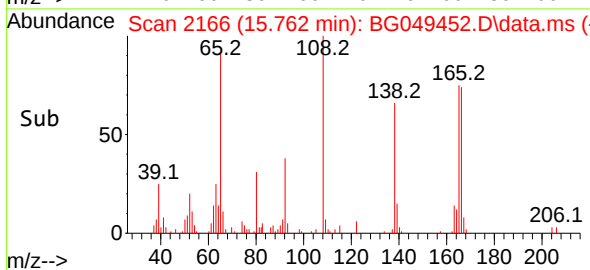
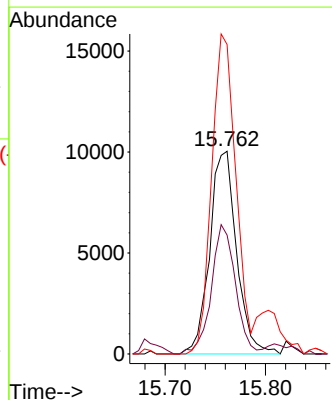
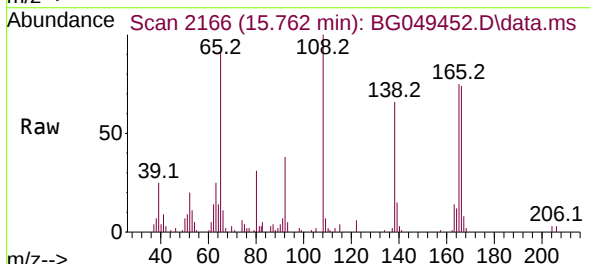
Manual Integrations
APPROVED

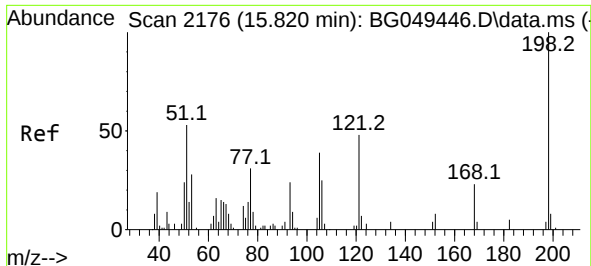
mohammad
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#63
4-Nitroaniline
Concen: 25.93 ng/ul
RT: 15.762 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

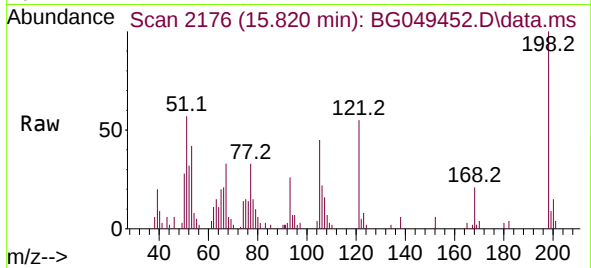
Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	49.8	74.8
108	152.7	105.4	158.2





#66
 4,6-Dinitro-2-methylphenol
 Concen: 23.86 ng/ul
 RT: 15.820 min Scan# 2176
 Delta R.T. -0.001 min
 Lab File: BG049452.D
 Acq: 24 Jul 2021 15:23

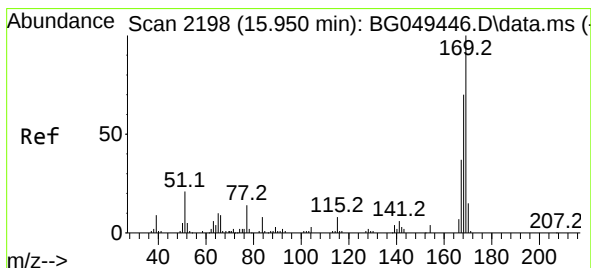
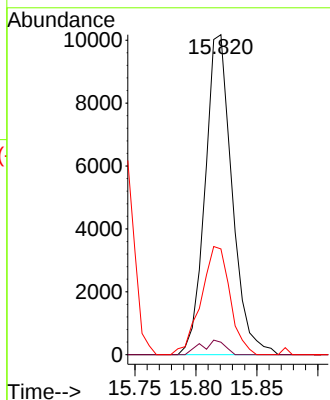
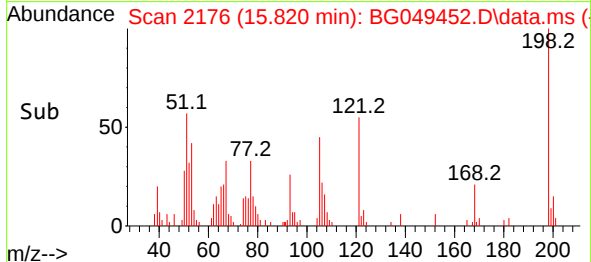
Instrument :
 BNA_G
 ClientSampled :
 JLX86MS



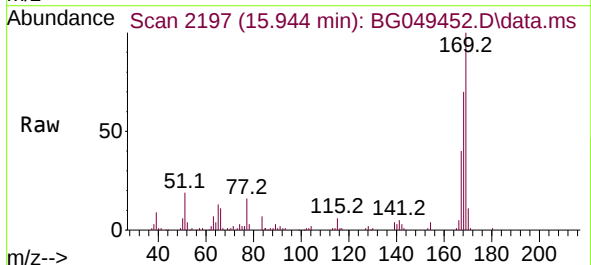
Tgt Ion:198 Resp: 15618
 Ion Ratio Lower Upper
 198 100
 182 3.9 4.2 6.4#
 77 33.0 20.8 31.2#

Manual Integrations
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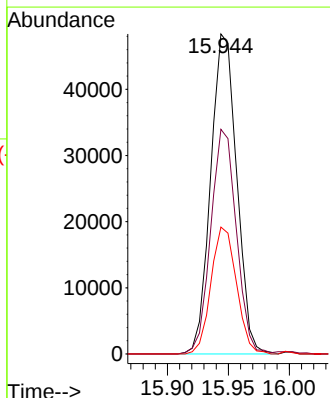
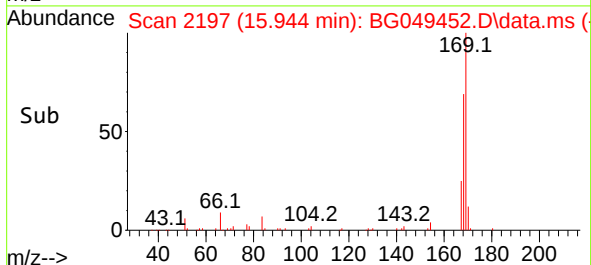
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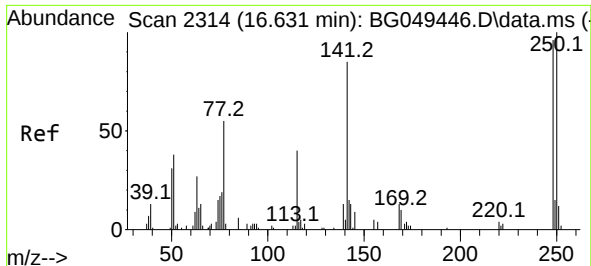


#67
 N-Nitrosodiphenylamine
 Concen: 23.92 ng/ul
 RT: 15.944 min Scan# 2197
 Delta R.T. -0.001 min
 Lab File: BG049452.D
 Acq: 24 Jul 2021 15:23



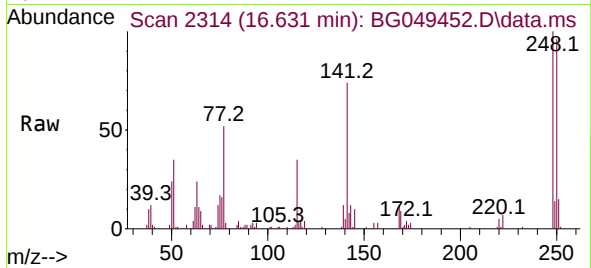
Tgt Ion:169 Resp: 71941
 Ion Ratio Lower Upper
 169 100
 168 70.2 57.3 85.9
 167 39.7 29.7 44.5





#68
4-Bromophenyl-phenylether
Concen: 24.23 ng/ul
RT: 16.631 min Scan# 2314
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

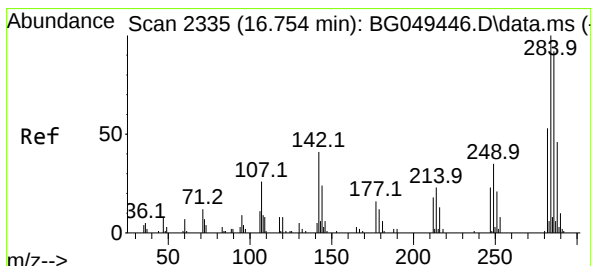
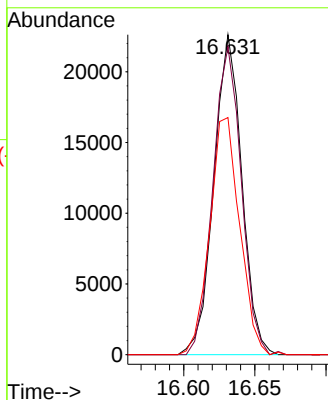
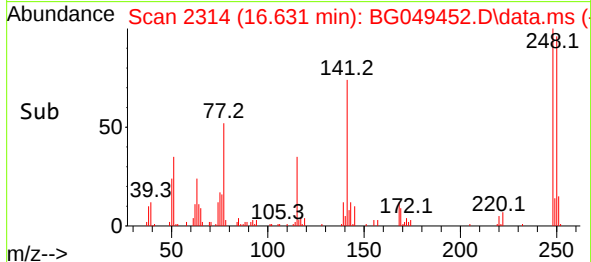
Instrument :
BNA_G
ClientSampled :
JLX86MS



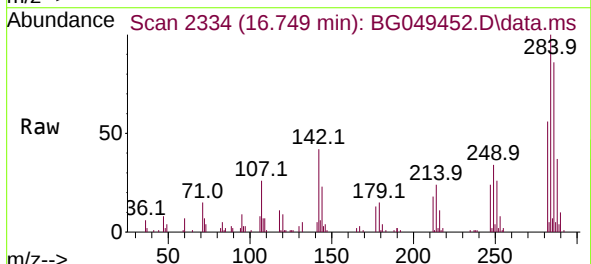
Tgt Ion:248 Resp: 30964
Ion Ratio Lower Upper
248 100
250 96.2 78.1 117.1
141 74.1 72.6 109.0

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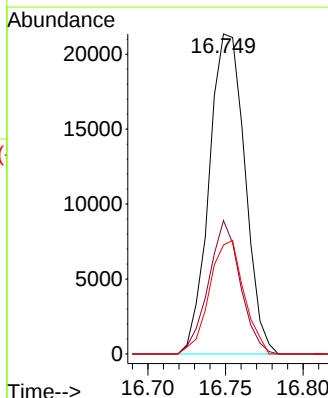
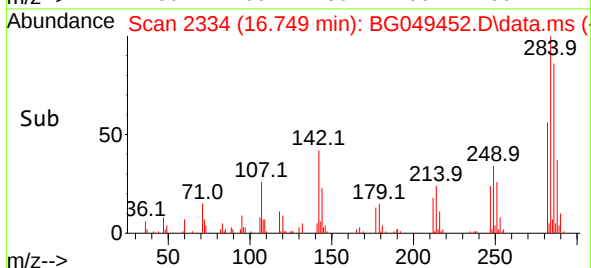
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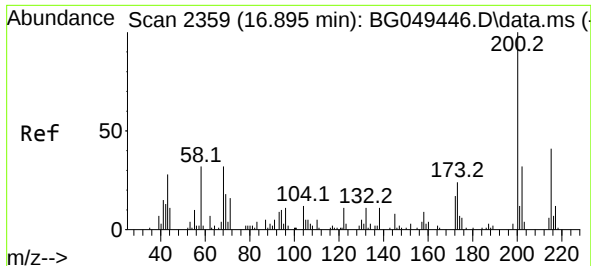


#69
Hexachlorobenzene
Concen: 23.63 ng/ul
RT: 16.749 min Scan# 2334
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

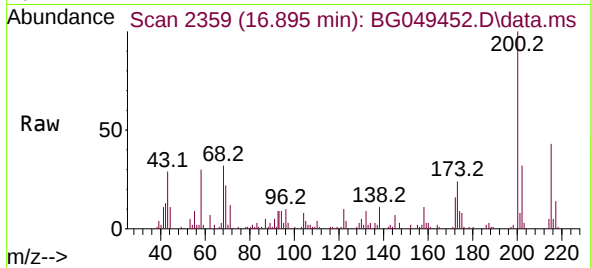


Tgt Ion:284 Resp: 34166
Ion Ratio Lower Upper
284 100
142 41.7 30.9 46.3
249 34.1 25.5 38.3

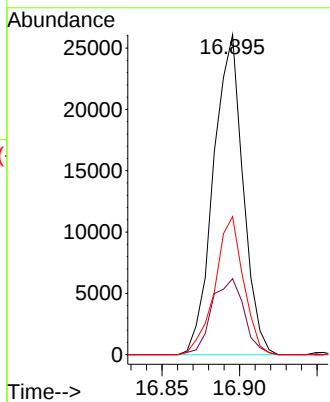
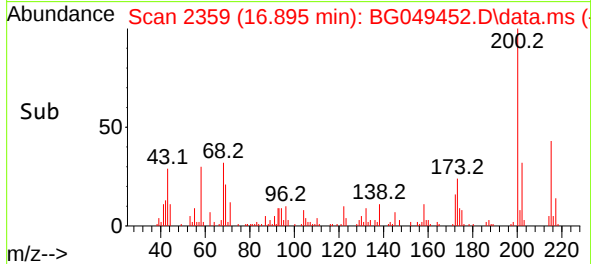




#70
Atrazine
Concen: 25.20 ng/ul
RT: 16.895 min Scan# 2359
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



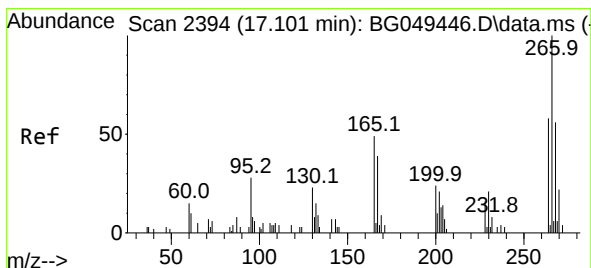
Tgt Ion:200 Resp: 34619
Ion Ratio Lower Upper
200 100
173 23.8 17.6 26.4
215 43.1 33.5 50.3



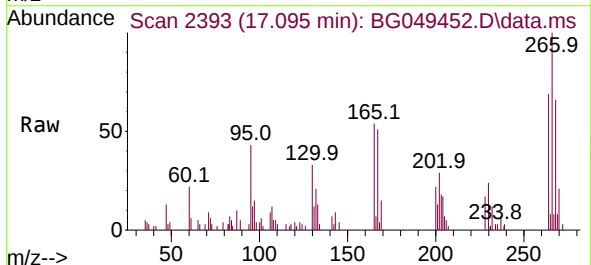
Instrument :
BNA_G
ClientSampled :
JLX86MS

Manual Integrations
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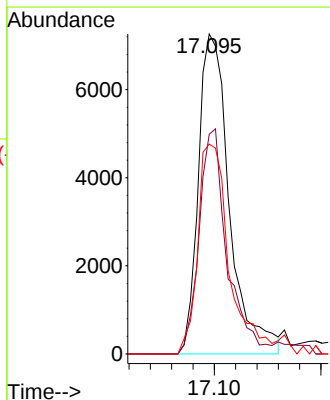
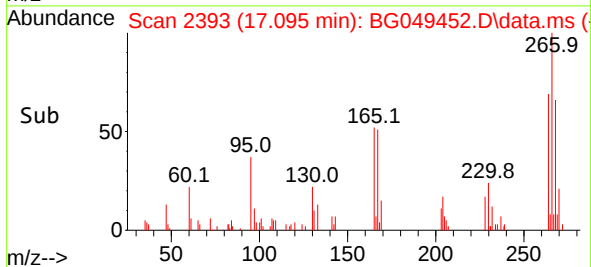
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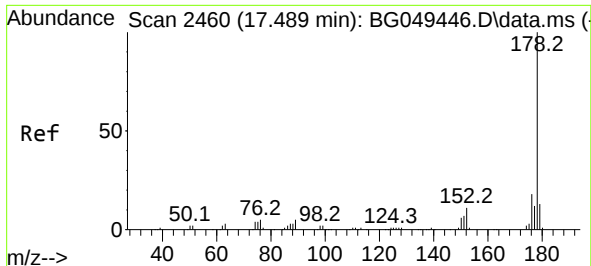


#71
Pentachlorophenol
Concen: 21.97 ng/ul
RT: 17.095 min Scan# 2393
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

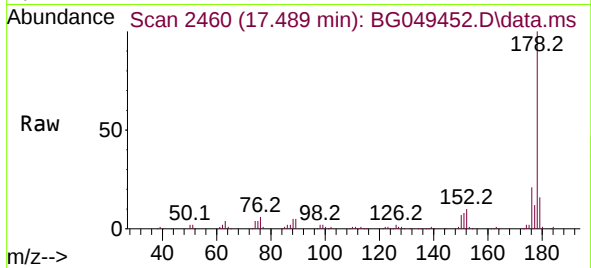


Tgt Ion:266 Resp: 14709
Ion Ratio Lower Upper
266 100
264 68.6 43.8 65.6#
268 65.6 46.2 69.4





#72
Phenanthrene
Concen: 24.77 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

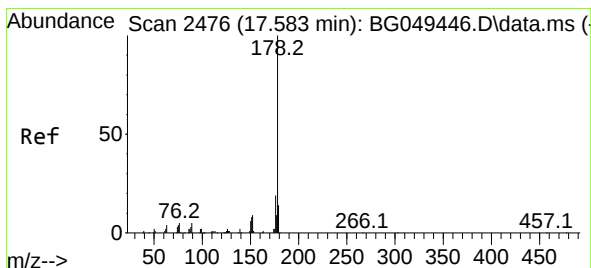
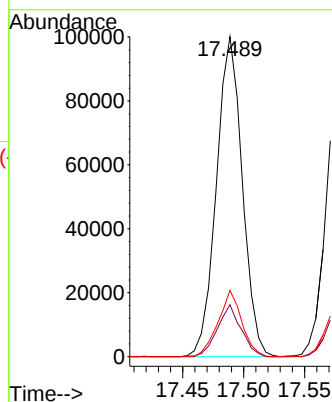


Tgt Ion:178 Resp: 147996
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 20.7 15.0 22.6

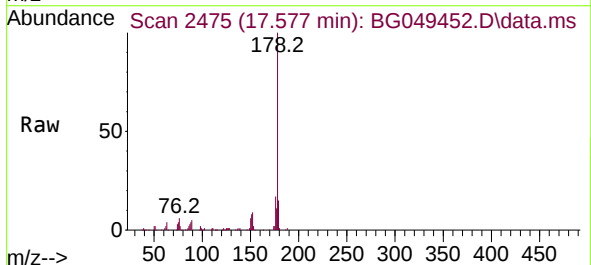
Instrument :
BNA_G
ClientSampled :
JLX86MS

Manual Integrations
APPROVED

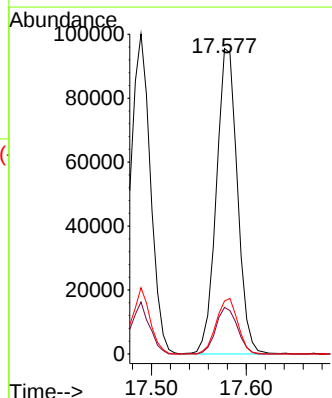
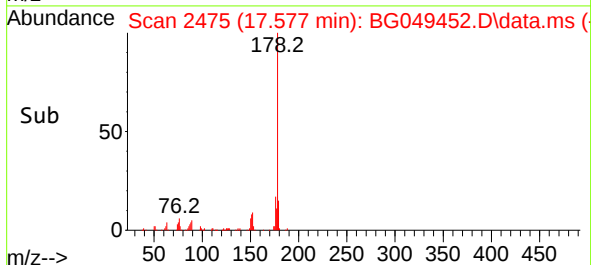
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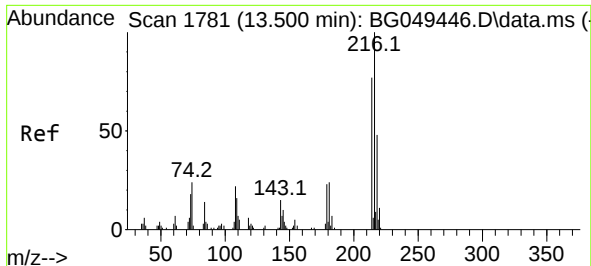


#74
Anthracene
Concen: 24.43 ng/ul
RT: 17.577 min Scan# 2475
Delta R.T. -0.007 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

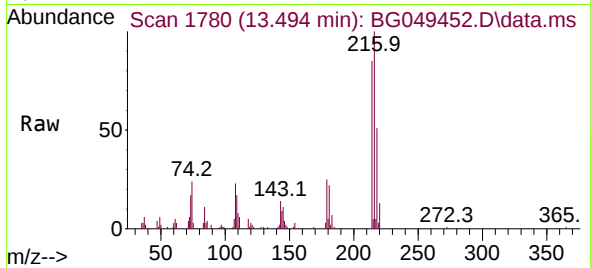


Tgt Ion:178 Resp: 147926
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 17.3 15.6 23.4

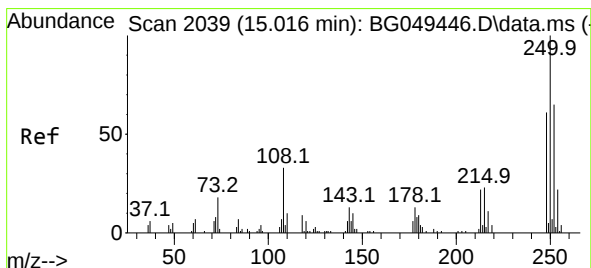
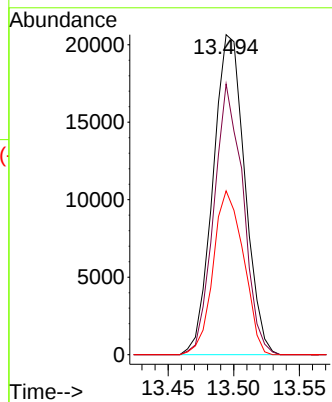
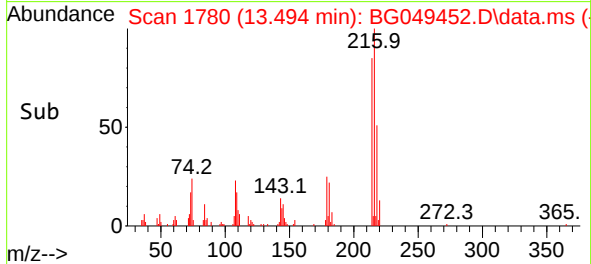




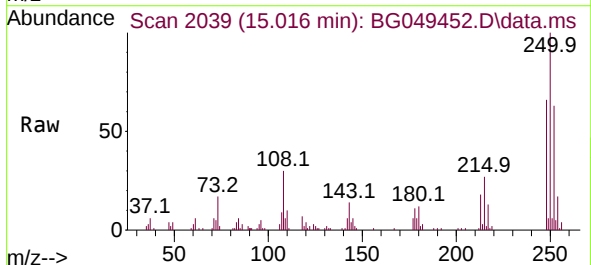
#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.32 ng/uL
RT: 13.494 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



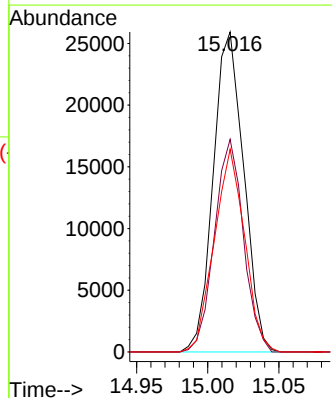
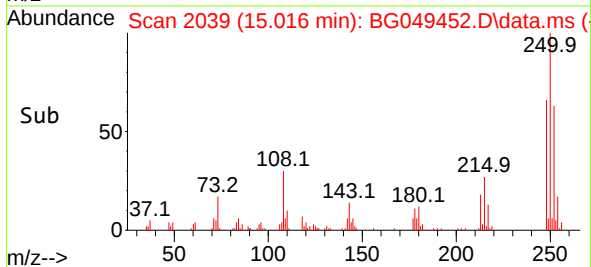
Tgt Ion:216 Resp: 34800
Ion Ratio Lower Upper
216 100
214 84.6 60.7 91.1
218 51.2 40.2 60.4



#76
Pentachlorobenzene
Concen: 23.43 ng/uL
RT: 15.016 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



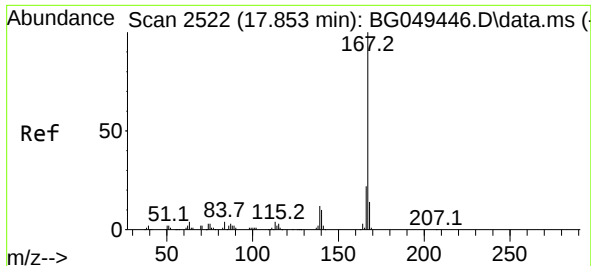
Tgt Ion:250 Resp: 38663
Ion Ratio Lower Upper
250 100
248 66.5 48.3 72.5
252 63.4 52.6 78.8



Instrument :
BNA_G
ClientSampled :
JLX86MS

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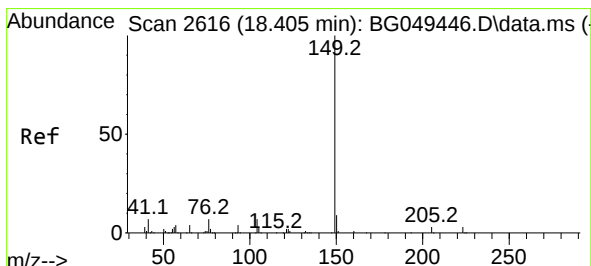
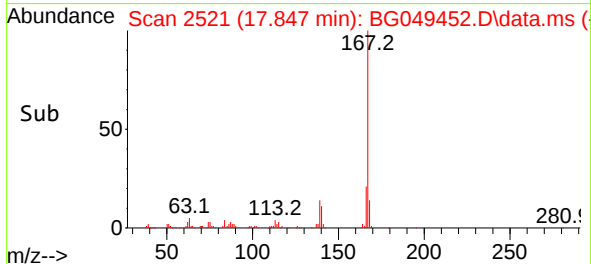
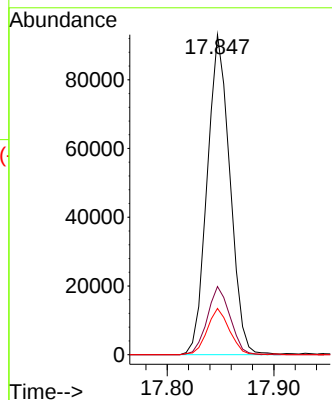
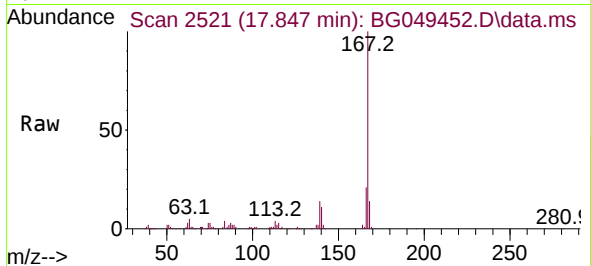
#77
Carbazole
Concen: 25.51 ng/ul
RT: 17.847 min Scan# 2521
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:167 Resp: 138051
Ion Ratio Lower Upper
167 100
166 21.3 17.5 26.3
139 14.5 11.4 17.2

Instrument :
BNA_G
ClientSampleId :
JLX86MS

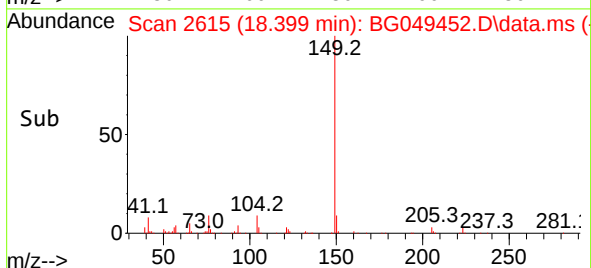
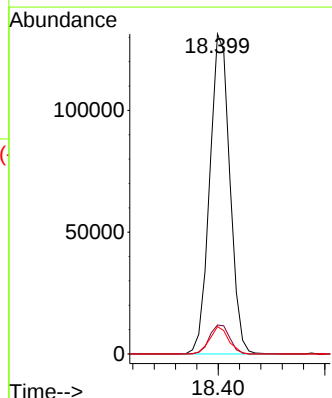
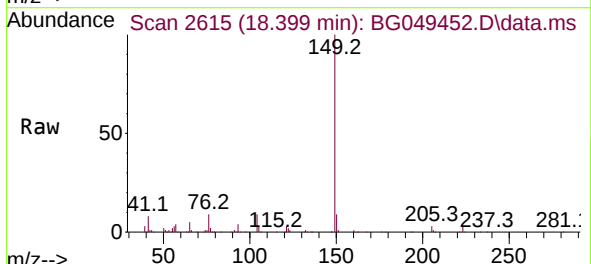
Manual Integrations
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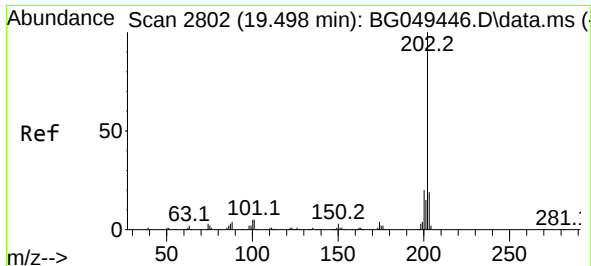
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#78
Di-n-butylphthalate
Concen: 25.57 ng/ul
RT: 18.399 min Scan# 2615
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:149 Resp: 172085
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 8.6 5.6 8.4#





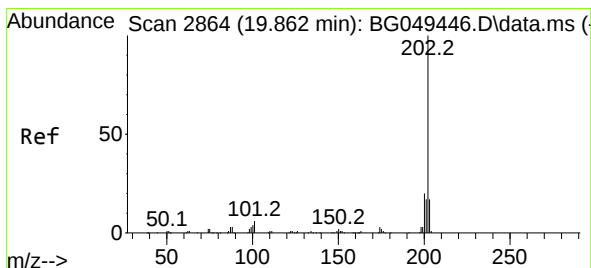
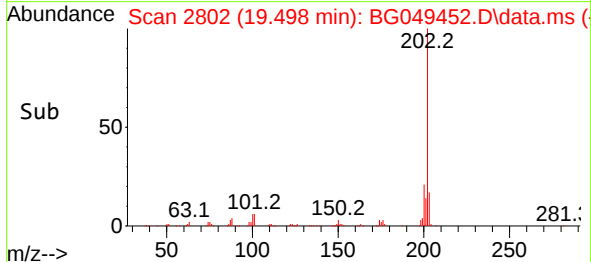
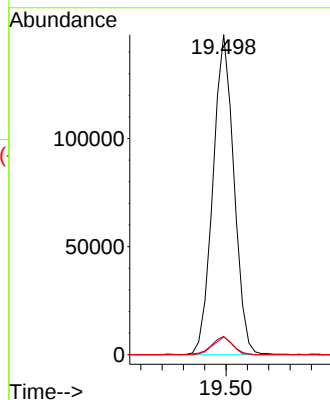
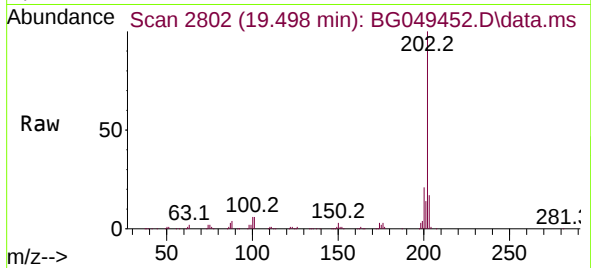
#80
Fluoranthene
Concen: 25.54 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.3	6.5
100	5.5	3.8	5.6

Instrument :
BNA_G
ClientSampleId :
JLX86MS

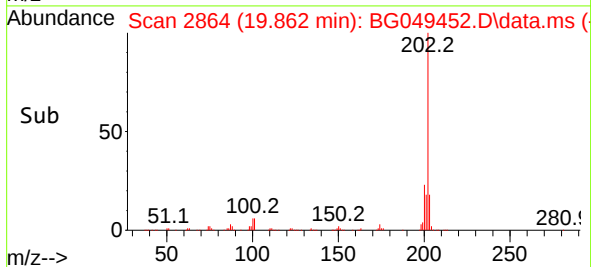
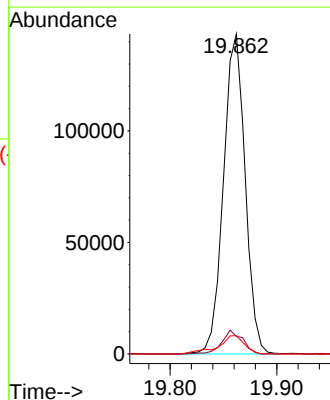
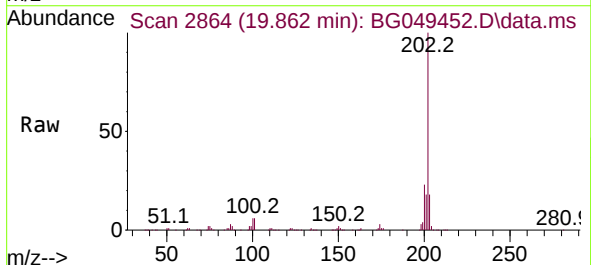
Manual Integrations
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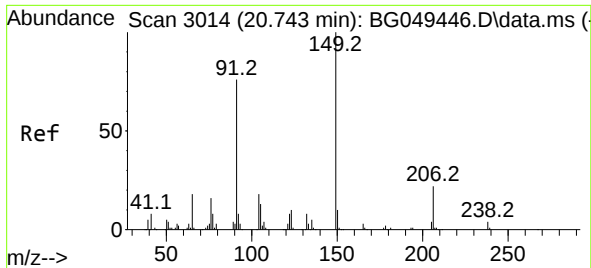
mohammad
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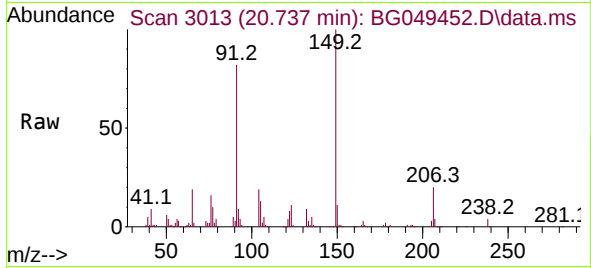
#82
Pyrene
Concen: 25.75 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	5.3	7.9
100	5.7	4.7	7.1

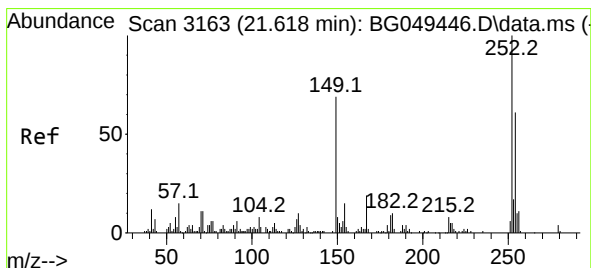
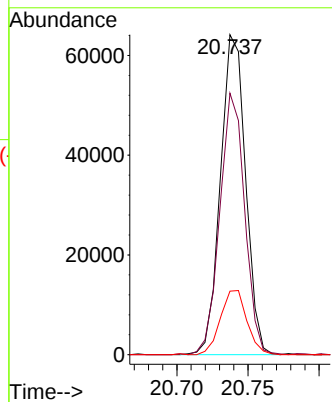
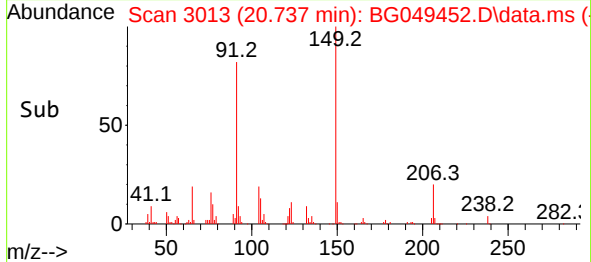




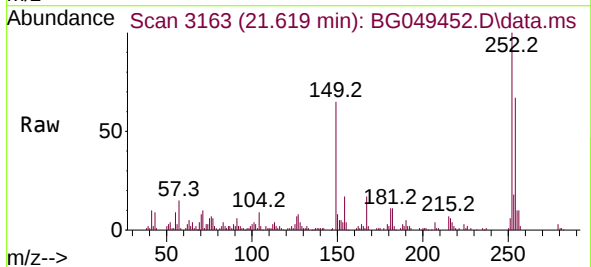
#83
Butylbenzylphthalate
Concen: 25.75 ng/ul
RT: 20.737 min Scan# 3013
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



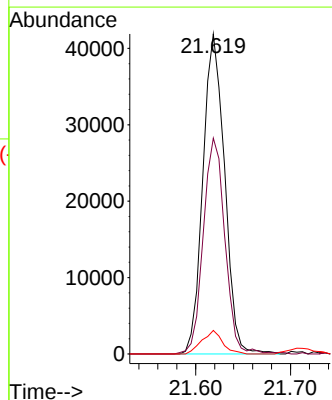
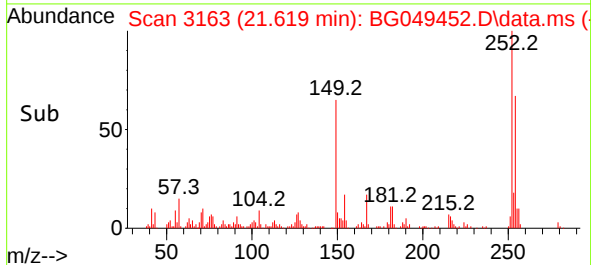
Tgt Ion:149 Resp: 78773
Ion Ratio Lower Upper
149 100
91 81.7 67.7 101.5
206 19.9 16.7 25.1



#84
3,3'-Dichlorobenzidine
Concen: 22.70 ng/ul
RT: 21.619 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



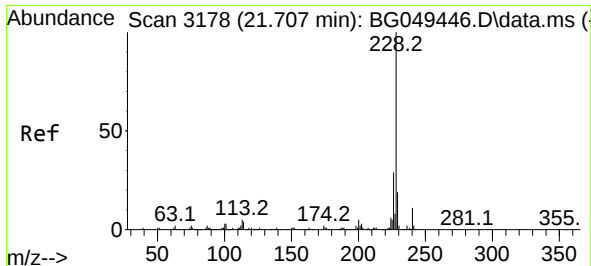
Tgt Ion:252 Resp: 66502
Ion Ratio Lower Upper
252 100
254 67.5 50.2 75.4
126 7.4 5.8 8.6



Instrument :
BNA_G
ClientSampleId :
JLX86MS

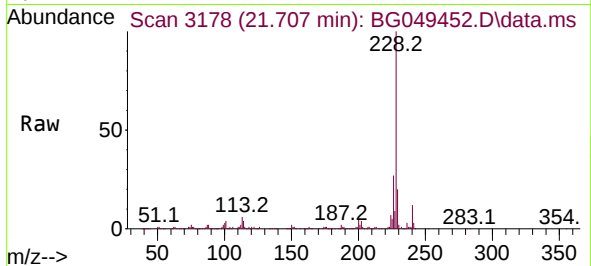
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#85
Benzo(a)anthracene
Concen: 25.78 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

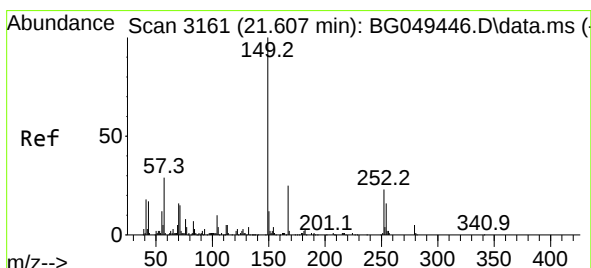
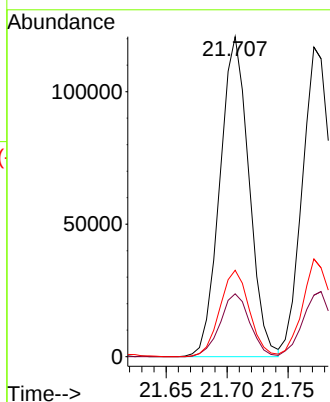
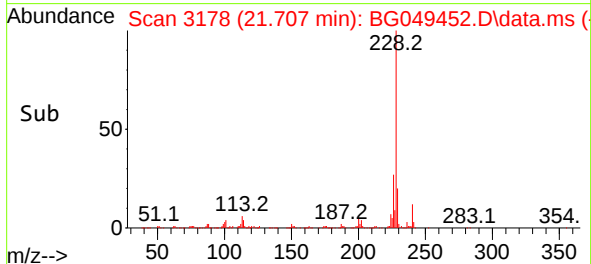
Instrument :
BNA_G
ClientSampled :
JLX86MS



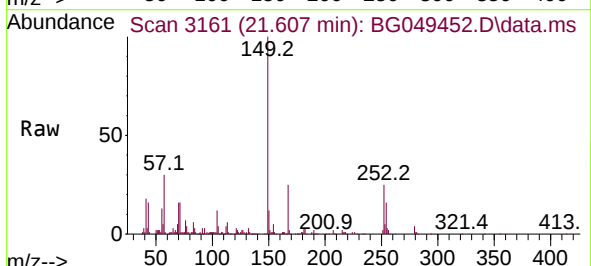
Tgt Ion:228 Resp: 200941
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.0 21.1 31.7

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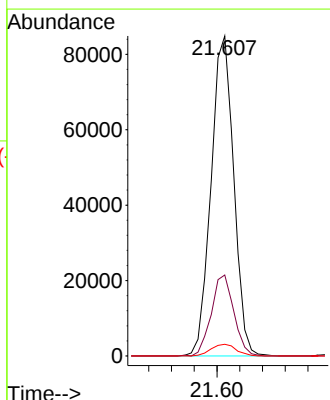
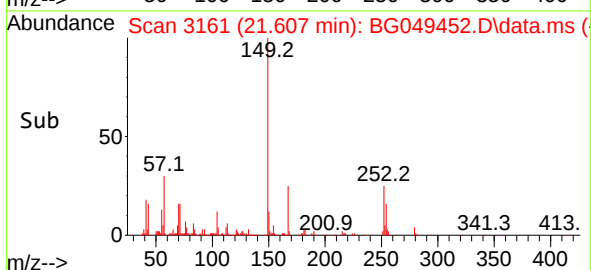
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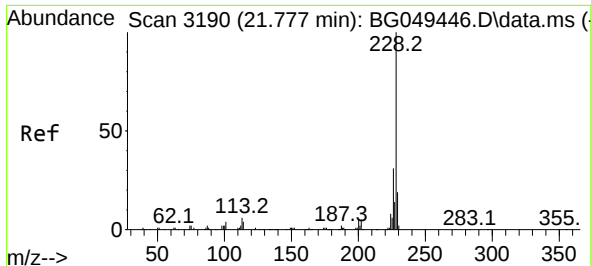


#86
Bis(2-ethylhexyl)phthalate
Concen: 25.90 ng/ul
RT: 21.607 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



Tgt Ion:149 Resp: 117586
Ion Ratio Lower Upper
149 100
167 25.3 20.9 31.3
279 3.7 3.6 5.4





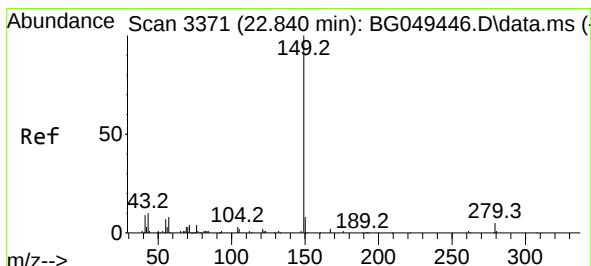
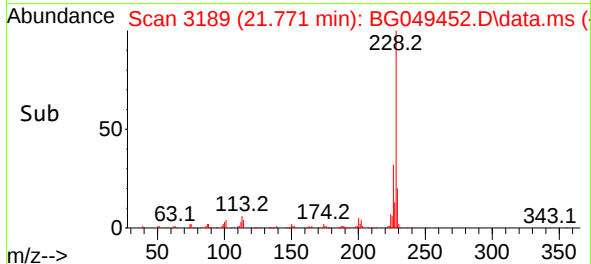
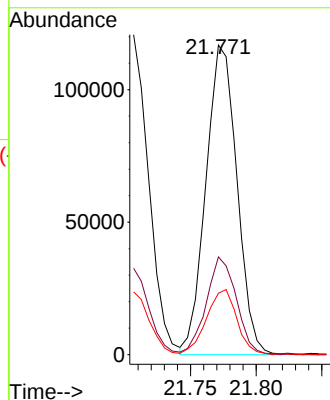
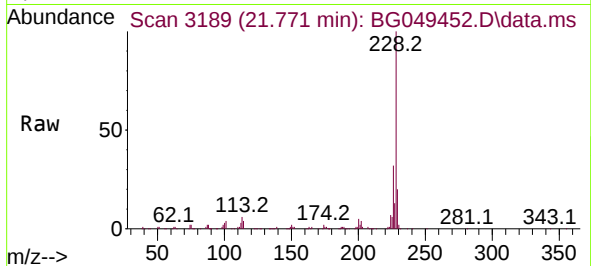
#87
Chrysene
Concen: 25.83 ng/ul
RT: 21.771 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:228 Resp: 192713
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 19.9 14.9 22.3

Instrument :
BNA_G
ClientSampleId :
JLX86MS

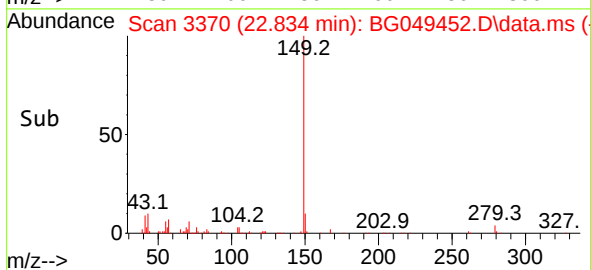
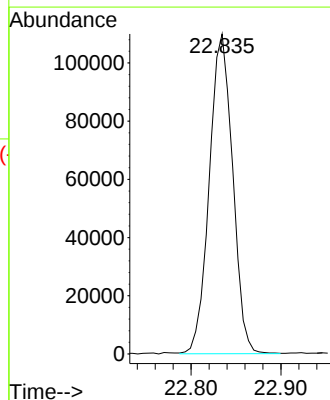
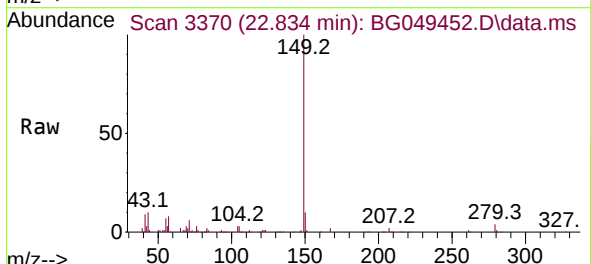
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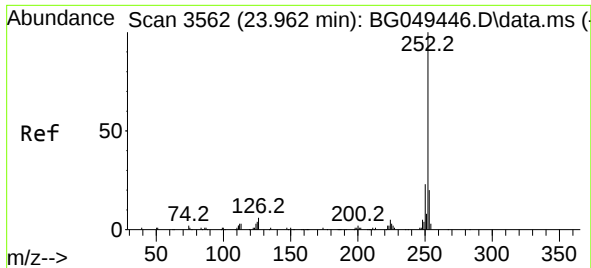
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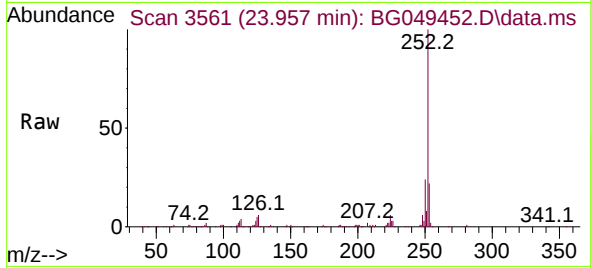
#89
Di-n-octyl phthalate
Concen: 24.42 ng/ul
RT: 22.834 min Scan# 3370
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:149 Resp: 198146

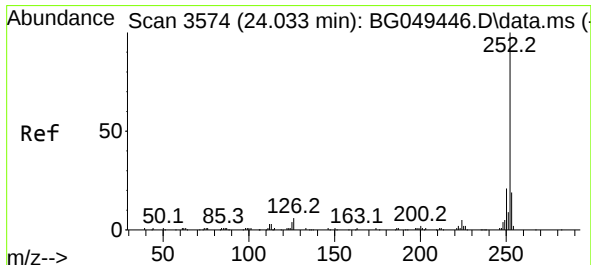
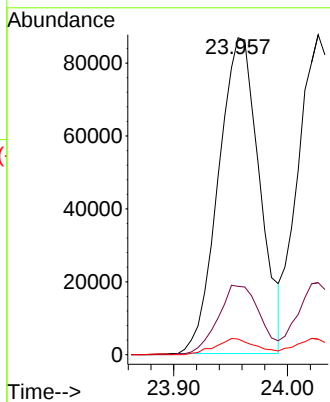
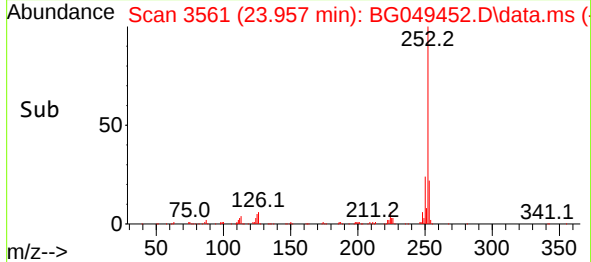




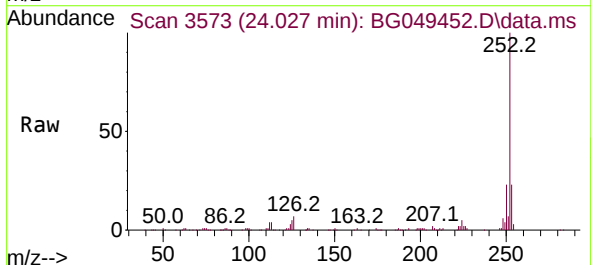
#90
Benzo(b)fluoranthene
Concen: 25.19 ng/ul
RT: 23.957 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



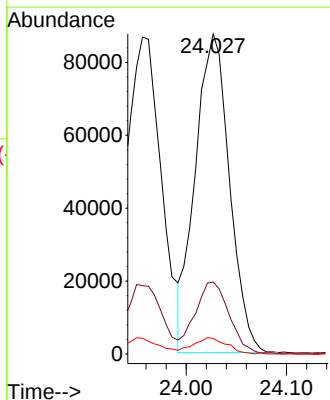
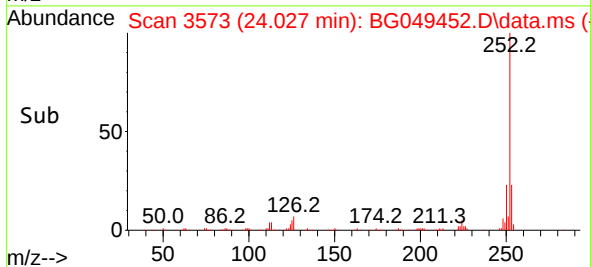
Tgt Ion:252 Resp: 217930
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 4.9 4.5 6.7



#91
Benzo(k)fluoranthene
Concen: 24.48 ng/ul
RT: 24.027 min Scan# 3573
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



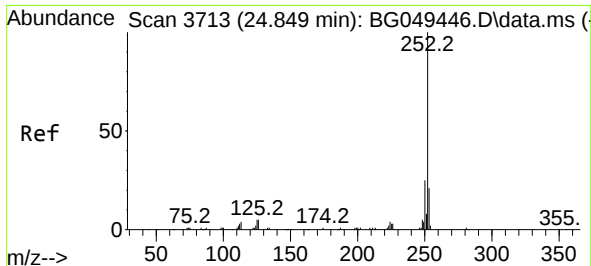
Tgt Ion:252 Resp: 207213
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 4.9 4.6 7.0



Instrument :
BNA_G
ClientSampleId :
JLX86MS

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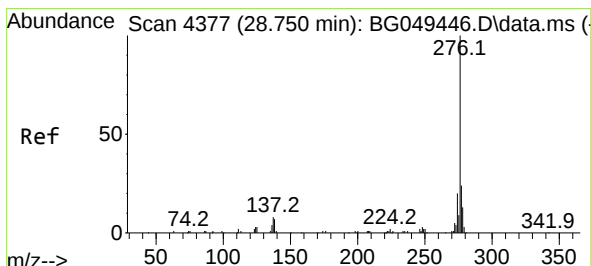
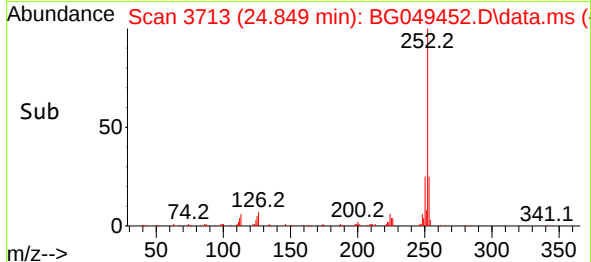
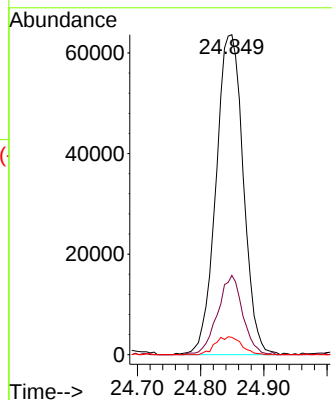
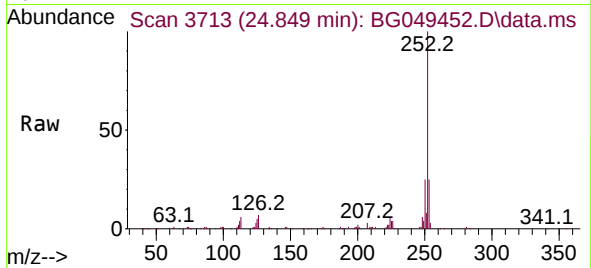
#93
Benzo(a)pyrene
Concen: 25.43 ng/ul
RT: 24.849 min Scan# 3713
Delta R.T. 0.011 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

Tgt Ion:252 Resp: 190841
Ion Ratio Lower Upper
252 100
253 24.8 16.4 24.6#
125 5.4 4.6 6.8

Instrument :
BNA_G
ClientSampled :
JLX86MS

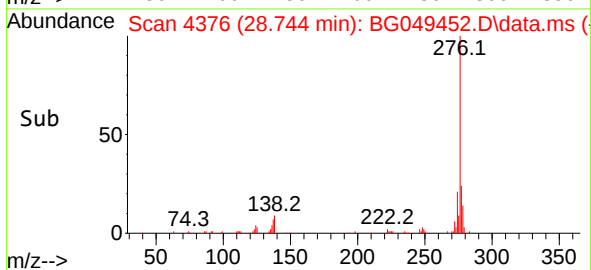
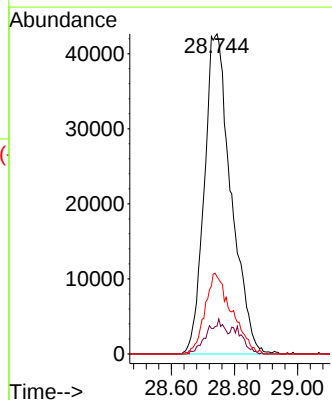
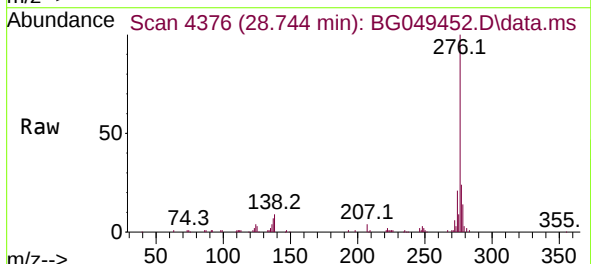
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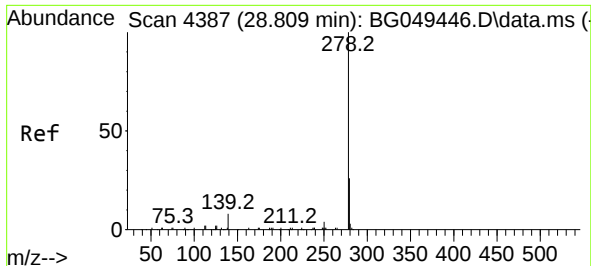
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#94
Indeno(1,2,3-cd)pyrene
Concen: 26.18 ng/ul m
RT: 28.744 min Scan# 4376
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

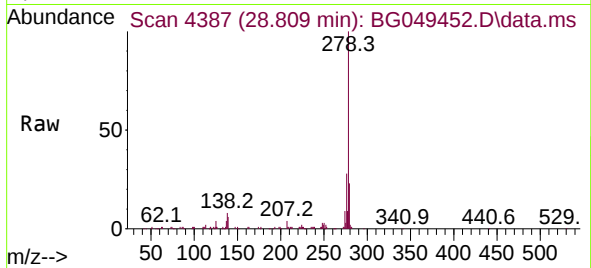
Tgt Ion:276 Resp: 250703
Ion Ratio Lower Upper
276 100
138 8.7 7.3 10.9
277 24.1 19.2 28.8





#95
Dibenzo(a,h)anthracene
Concen: 25.28 ng/ul
RT: 28.809 min Scan# 4387
Delta R.T. 0.011 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23

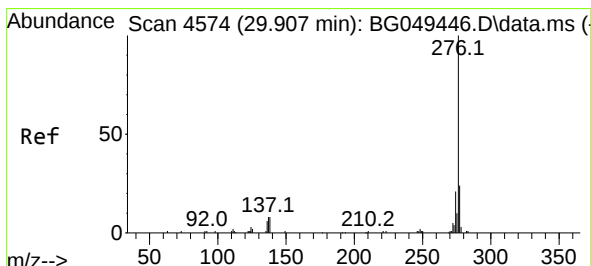
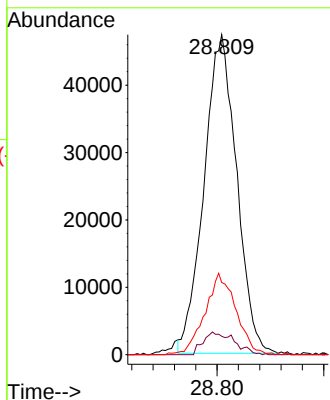
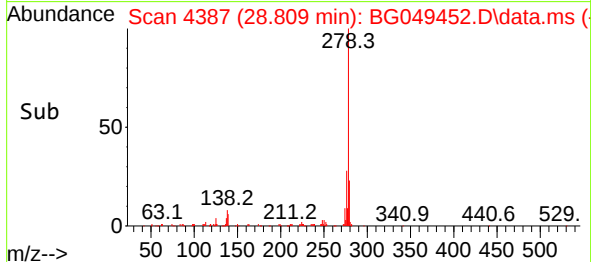
Instrument :
BNA_G
ClientSampled :
JLX86MS



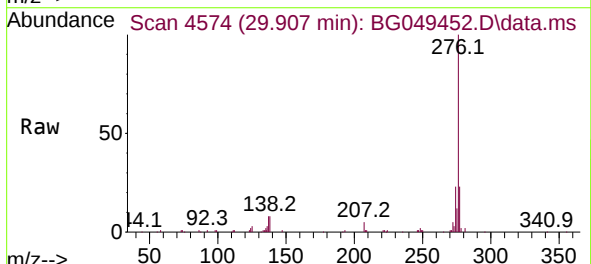
Tgt Ion:278 Resp: 200289
Ion Ratio Lower Upper
278 100
139 5.8 6.8 10.2#
279 22.5 19.7 29.5

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#96
Benzo(g,h,i)perylene
Concen: 24.71 ng/ul
RT: 29.907 min Scan# 4574
Delta R.T. 0.005 min
Lab File: BG049452.D
Acq: 24 Jul 2021 15:23



Tgt Ion:276 Resp: 196722
Ion Ratio Lower Upper
276 100
138 7.9 10.8 16.2#
277 23.3 20.6 31.0

