

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
 Data File : BG049748.D
 Acq On : 9 Aug 2021 22:22
 Operator : CG/JU
 Sample : M3244-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

Manual Integrations
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Quant Time: Aug 10 02:46:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 11:39:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	27672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	113601	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	77108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	155270	20.000	ng/ul	0.00
79) Chrysene-d12	21.732	240	135787	20.000	ng/ul	0.00
88) Perylene-d12	25.016	264	134877	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1163m	1.965	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.205	99	34509	13.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	20047	13.897	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.569	132	27276	15.175	ng/ul	-0.01
15) 4-Methylphenol-d8	8.756	113	22565	11.784	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	14801	16.540	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	17079	16.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	31273	16.229	ng/ul	0.00
31) 4-Chloroaniline-d4	11.006	131	3300	1.251	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	99852	16.502	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	121086	16.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	11429	11.682	ng/ul	0.00
60) Fluorene-d10	15.688	176	87959	16.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	13046	12.484	ng/ul	0.00
73) Anthracene-d10	17.550	188	112314m	15.324	ng/ul	0.00
81) Pyrene-d10	19.835	212	134958	18.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.799	264	116565	15.772	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	2867	3.997	ng/uL#	85
6) Benzaldehyde	7.176	77	32344	24.165	ng/ul#	80
8) Phenol	7.234	94	37739	15.168	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.458	93	26422	15.307	ng/ul	90
12) 2-Chlorophenol	7.610	128	28296	15.742	ng/ul	94
13) 2-Methylphenol	8.486	108	23917	12.276	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.562	45	30994	15.711	ng/ul#	89
16) Acetophenone	8.867	105	52774	16.606	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.844	70	26232	15.354	ng/ul#	97
18) 4-Methylphenol	8.820	108	28200	13.855	ng/ul	97
19) Hexachloroethane	9.126	117	13153	16.500	ng/ul#	86
22) Nitrobenzene	9.249	77	43690	16.464	ng/ul	97
23) Isophorone	9.778	82	76223	16.986	ng/ul	99
25) 2-Nitrophenol	9.972	139	18764	17.926	ng/ul#	87
26) 2,4-Dimethylphenol	10.025	107	4676	1.936	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.260	93	38783	17.058	ng/ul	98
29) 2,4-Dichlorophenol	10.518	162	32149	17.639	ng/ul	95
30) Naphthalene	10.918	128	102049	17.202	ng/ul	98
32) 4-Chloroaniline	11.023	127	5698	2.257	ng/ul#	79
33) Hexachlorobutadiene	11.200	225	25695	17.163	ng/ul	93
34) Caprolactam	11.787	113	6239m	10.707	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	35294	16.709	ng/ul	93
36) 2-Methylnaphthalene	12.521	142	81337	17.906	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	78244	17.701	ng/ul	99

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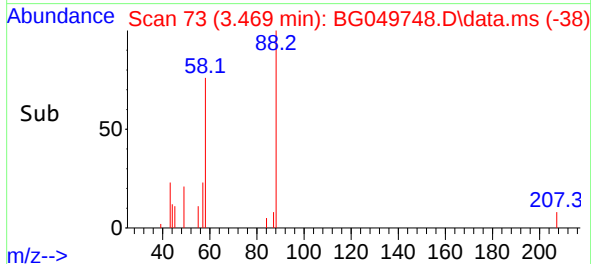
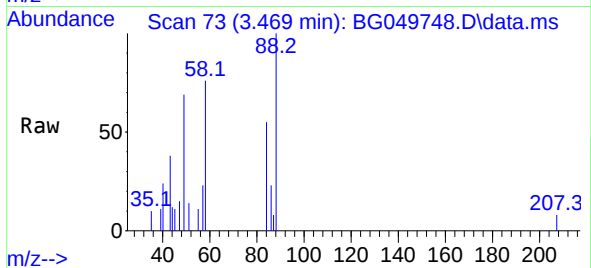
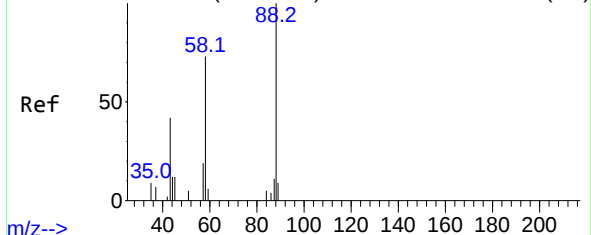
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.891	216	43172	18.028	ng/ul#	94
40) Hexachlorocyclopentadiene	12.868	237	9874	6.991	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.132	196	28839	18.819	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.209	196	30517	18.559	ng/ul	98
43) 1,1'-Biphenyl	13.526	154	104376	18.171	ng/ul	100
44) 2-Chloronaphthalene	13.573	162	80860	17.983	ng/ul	98
45) 2-Nitroaniline	13.778	65	28446	17.970	ng/ul	94
47) Dimethylphthalate	14.143	163	109576	18.244	ng/ul	97
48) 2,6-Dinitrotoluene	14.266	165	22625	18.444	ng/ul	93
50) Acenaphthylene	14.419	152	118496	17.445	ng/ul	98
51) 3-Nitroaniline	14.601	138	8968	8.212	ng/ul#	90
52) Acenaphthene	14.759	153	89060	18.357	ng/ul	92
53) 2,4-Dinitrophenol	14.812	184	7579	11.214	ng/ul	95
55) 4-Nitrophenol	14.918	109	17202	13.445	ng/ul#	82
56) Dibenzofuran	15.094	168	122848	18.253	ng/ul	97
57) 2,4-Dinitrotoluene	15.059	165	31686	17.908	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.323	232	26328	19.430	ng/ul#	85
59) Diethylphthalate	15.500	149	109580	18.095	ng/ul	96
61) Fluorene	15.746	166	99585	18.195	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.735	204	54632	18.334	ng/ul	93
63) 4-Nitroaniline	15.764	138	10655m	10.435	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.829	198	13047	13.323	ng/ul#	88
67) N-Nitrosodiphenylamine	15.946	169	75258	17.586	ng/ul	97
68) 4-Bromophenyl-phenylether	16.627	248	35126	19.448	ng/ul	97
69) Hexachlorobenzene	16.757	284	40120	19.623	ng/ul	96
70) Atrazine	16.898	200	31887	16.938	ng/ul	93
71) Pentachlorophenol	17.097	266	19163m	19.570	ng/ul	
72) Phenanthrene	17.491	178	153726	18.706	ng/ul	99
74) Anthracene	17.579	178	133942	16.293	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.496	216	43522	19.083	ng/uL	97
76) Pentachlorobenzene	15.018	250	49432	20.552	ng/uL	94
77) Carbazole	17.849	167	137051	18.656	ng/ul	99
78) Di-n-butylphthalate	18.402	149	166335	18.519	ng/ul	99
80) Fluoranthene	19.500	202	174136	18.860	ng/ul#	98
82) Pyrene	19.864	202	175267	19.032	ng/ul	97
83) Butylbenzylphthalate	20.740	149	68512	19.521	ng/ul	97
85) Benzo(a)anthracene	21.715	228	162693	18.249	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	97244	18.916	ng/ul	100
87) Chrysene	21.779	228	157177	18.877	ng/ul	99
89) Di-n-octyl phthalate	22.831	149	153552	18.252	ng/ul	100
90) Benzo(b)fluoranthene	23.970	252	171089	19.408	ng/ul	98
91) Benzo(k)fluoranthene	24.035	252	161656	18.468	ng/ul	98
93) Benzo(a)pyrene	24.863	252	140615	18.119	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.787	276	195829	19.228	ng/ul	99
95) Dibenzo(a,h)anthracene	28.840	278	165133m	19.436	ng/ul	
96) Benzo(g,h,i)perylene	29.968	276	145008	17.122	ng/ul#	97

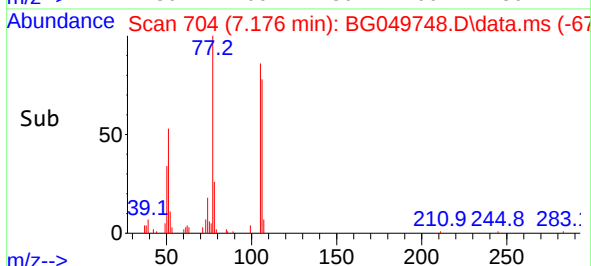
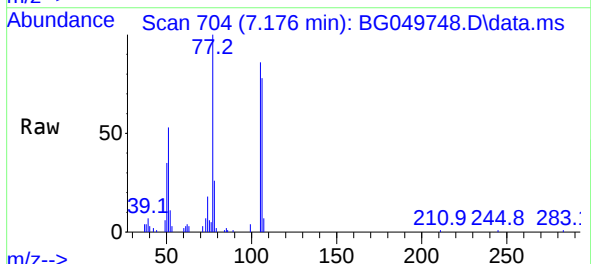
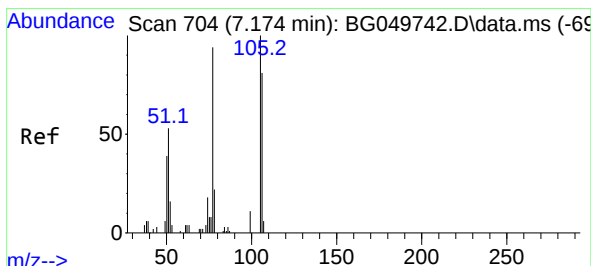
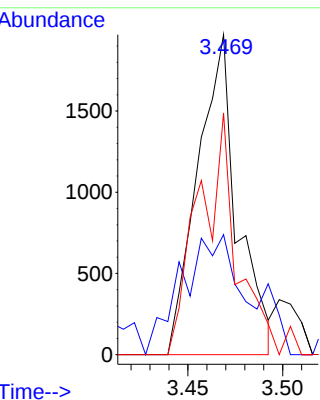
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Abundance Scan 72 (3.462 min): BG049742.D\data.ms (-68)



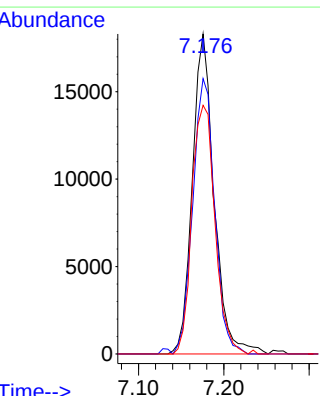
#2
1,4-Dioxane
Concen: 3.997 ng/uL
RT: 3.469 min Scan# 73
Delta R.T. 0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	88	Resp:	2867
Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.4	44.2
58	75.5	45.9	68.9#



#6
Benzaldehyde
Concen: 24.165 ng/uL
RT: 7.176 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

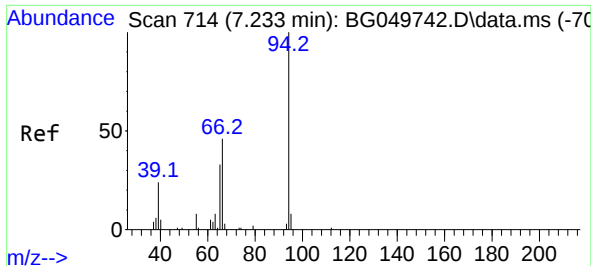
Tgt Ion:	77	Resp:	32344
Ion	Ratio	Lower	Upper
77	100		
105	86.0	83.3	124.9
106	77.7	81.0	121.4#



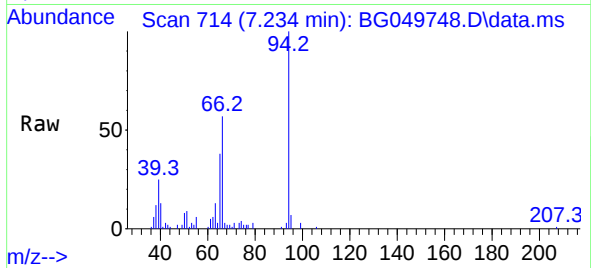
Instrument :
BNA_G
ClientSampled :
JCE05MSD

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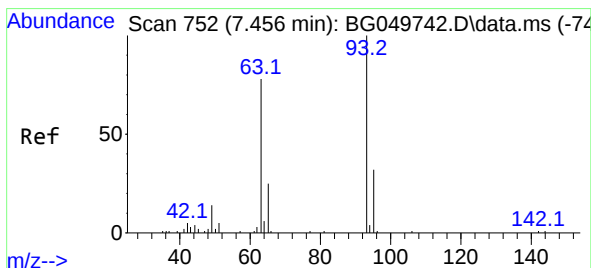
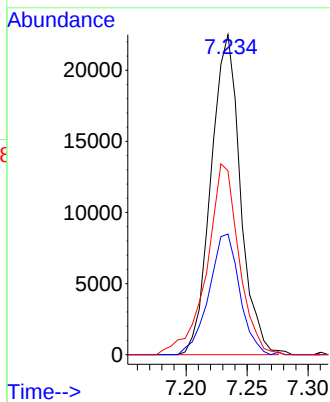
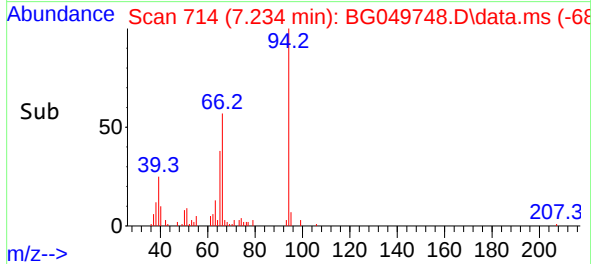
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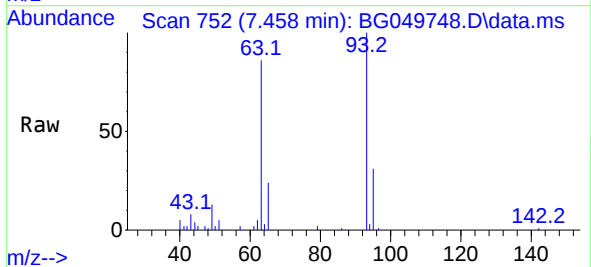
#8
Phenol
Concen: 15.168 ng/ul
RT: 7.234 min Scan# 714
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



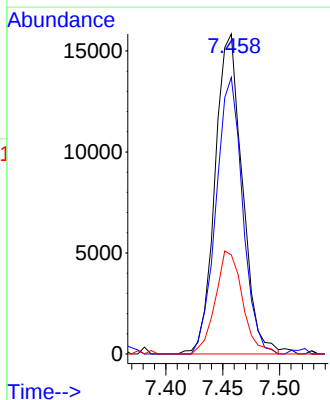
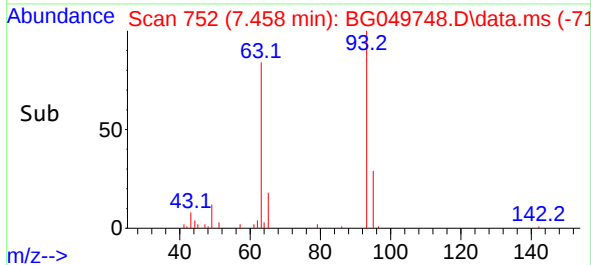
Tgt Ion: 94 Resp: 37739
Ion Ratio Lower Upper
94 100
65 37.7 24.7 37.1#
66 57.5 43.7 65.5



#10
Bis(2-Chloroethyl)ether
Concen: 15.307 ng/ul
RT: 7.458 min Scan# 752
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



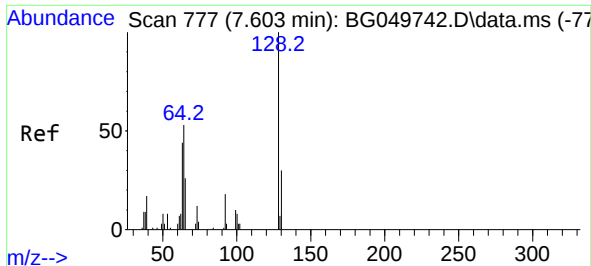
Tgt Ion: 93 Resp: 26422
Ion Ratio Lower Upper
93 100
63 86.4 60.0 90.0
95 30.9 24.2 36.2



Instrument :
BNA_G
ClientSampleId :
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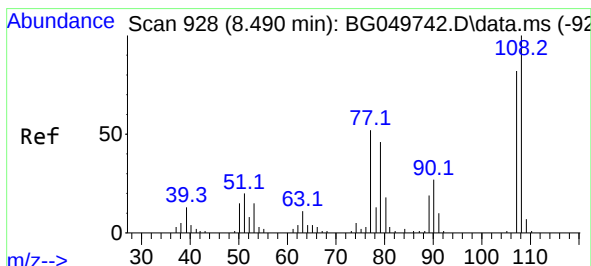
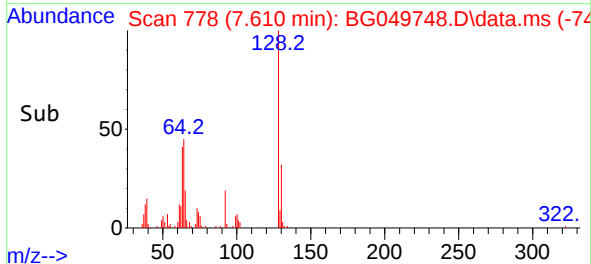
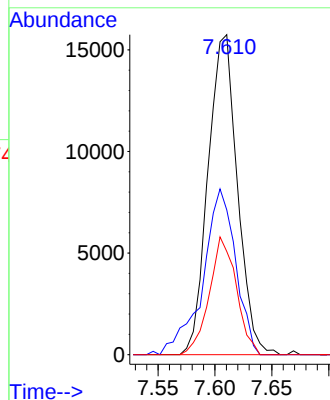
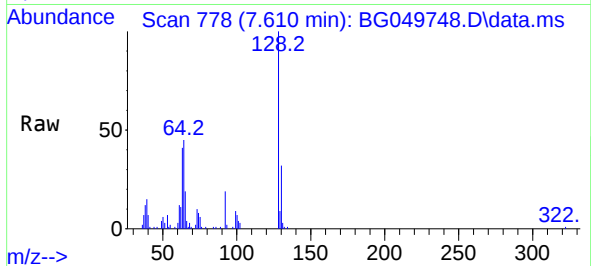
#12
2-Chlorophenol
Concen: 15.742 ng/ul
RT: 7.610 min Scan# 778
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	128	Resp:	28296
Ion Ratio	Lower	Upper	
128	100		
64	45.3	39.9	59.9
130	32.2	23.8	35.6

Instrument :
BNA_G
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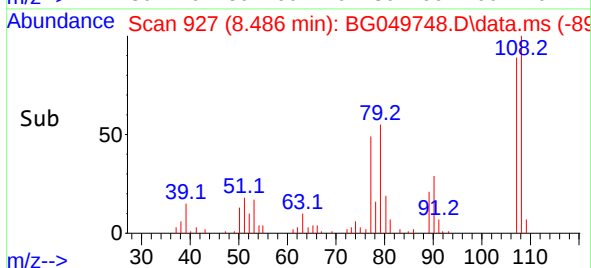
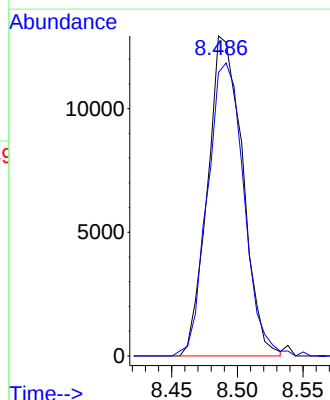
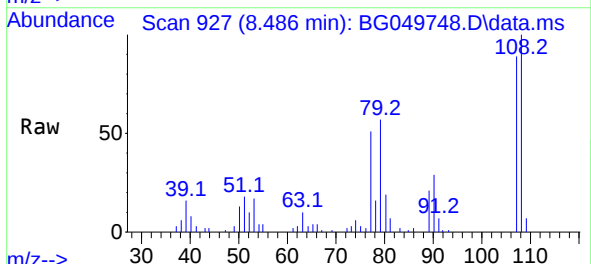
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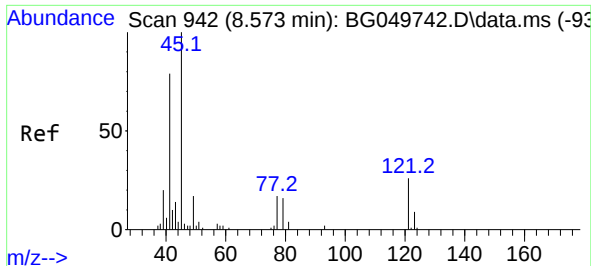
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#13
2-Methylphenol
Concen: 12.276 ng/ul
RT: 8.486 min Scan# 927
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	108	Resp:	23917
Ion Ratio	Lower	Upper	
108	100		
107	88.6	74.6	111.8





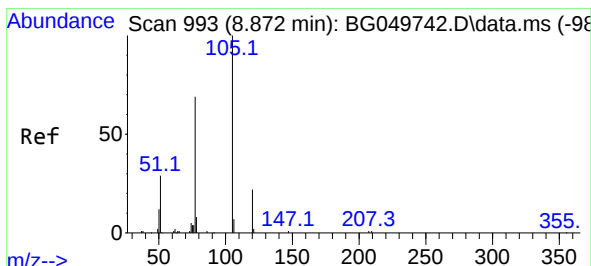
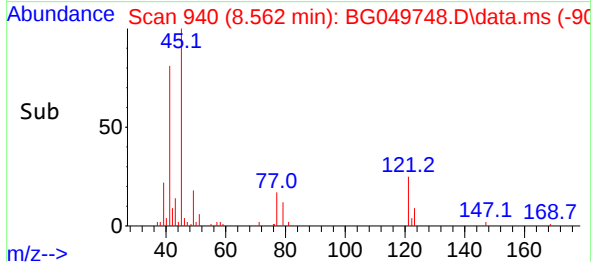
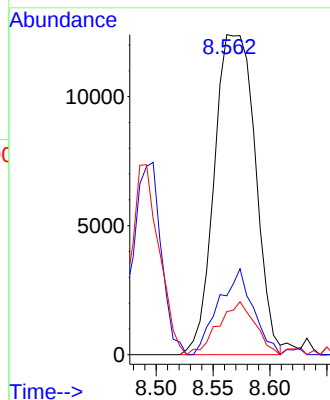
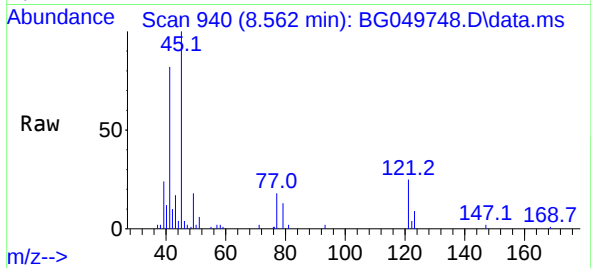
#14
2,2'-oxybis(1-Chloropropane)
Concen: 15.711 ng/ul
RT: 8.562 min Scan# 940
Delta R.T. -0.015 min
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Tgt Ion: 45 Resp: 30994
Ion Ratio Lower Upper
45 100
77 18.4 20.5 30.7#
79 13.5 12.3 18.5

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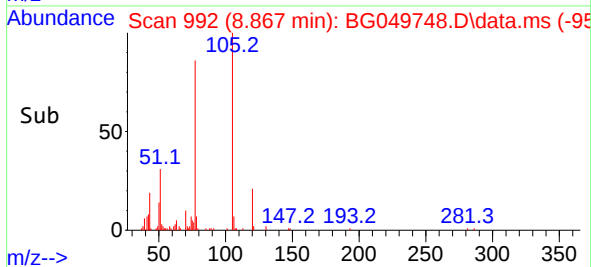
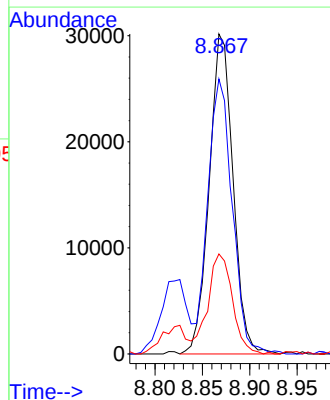
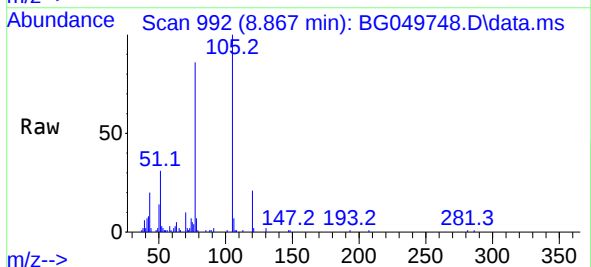
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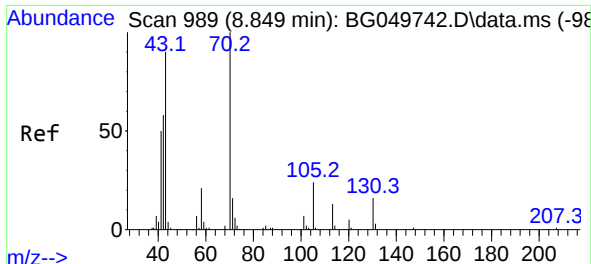
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#16
Acetophenone
Concen: 16.606 ng/ul
RT: 8.867 min Scan# 992
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

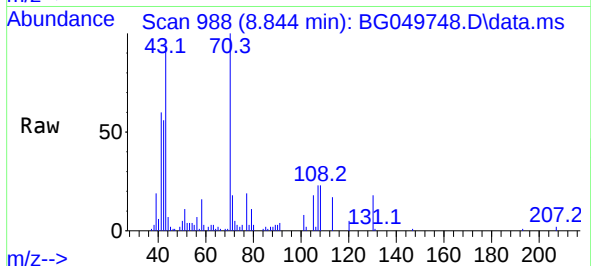
Tgt Ion:105 Resp: 52774
Ion Ratio Lower Upper
105 100
77 86.0 70.4 105.6
51 31.2 25.1 37.7





#17
N-Nitroso-di-n-propylamine
Concen: 15.354 ng/ul
RT: 8.844 min Scan# 988
Delta R.T. -0.009 min
Lab File: BG049748.D
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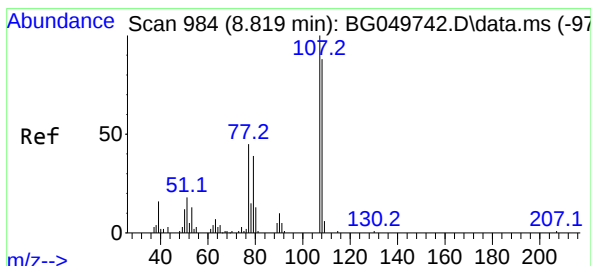
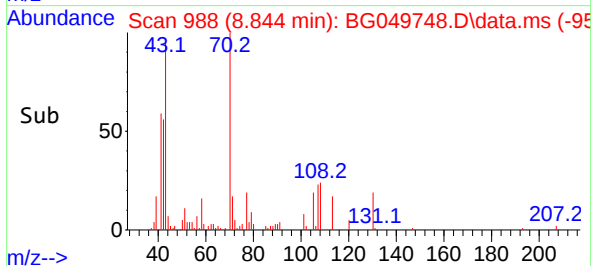
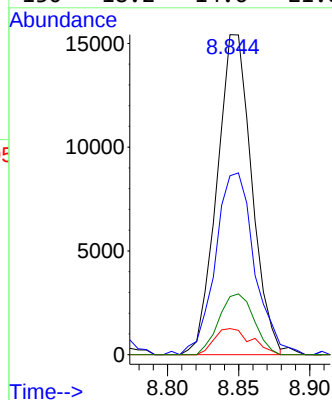
Instrument :
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ClientSampleID :
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Tgt Ion: 70 Resp: 26232
Ion Ratio Lower Upper
70 100
42 55.9 43.1 64.7
101 8.1 8.3 12.5#
130 18.2 14.6 21.8

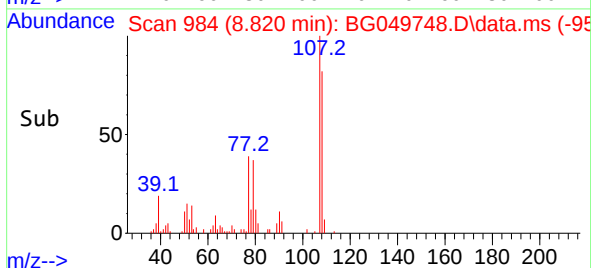
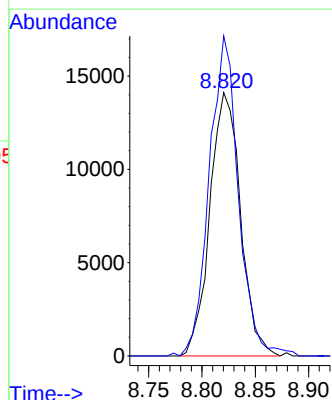
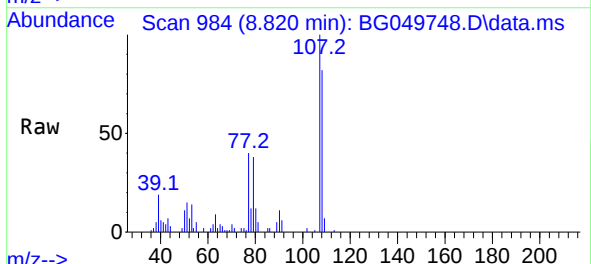
Manual Integrations
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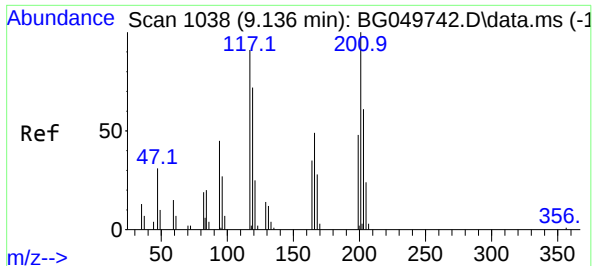
mohammad
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#18
4-Methylphenol
Concen: 13.855 ng/ul
RT: 8.820 min Scan# 984
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion: 108 Resp: 28200
Ion Ratio Lower Upper
108 100
107 121.5 99.7 149.5





#19

Hexachloroethane

Concen: 16.500 ng/ul

RT: 9.126 min Scan# 1036

Delta R.T. -0.009 min

Lab File: BG049748.D

Acq: 9 Aug 2021 22:22

Tgt Ion:	117	Resp:	13153
Ion	Ratio	Lower	Upper
117	100		
201	101.7	79.3	118.9
199	51.0	60.0	90.0#

Instrument :

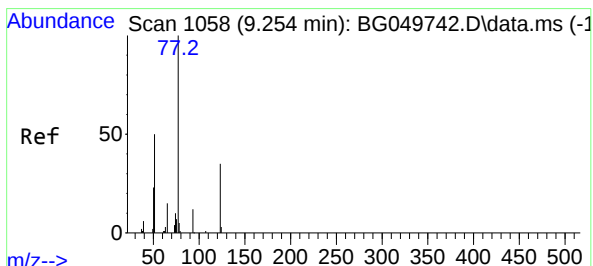
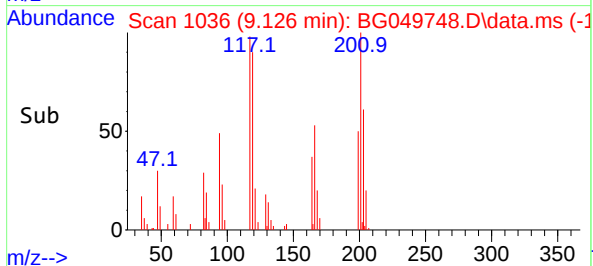
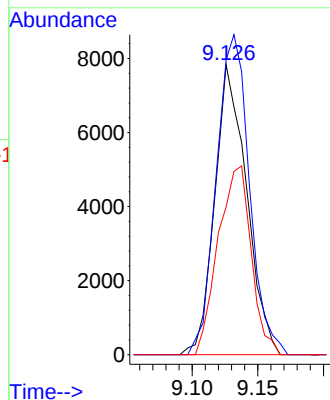
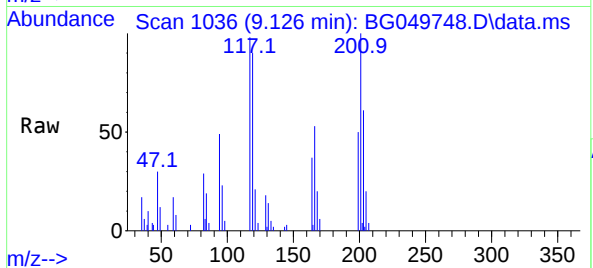
BNA_G

ClientSampleId :

JCE05MSD

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#22

Nitrobenzene

Concen: 16.464 ng/ul

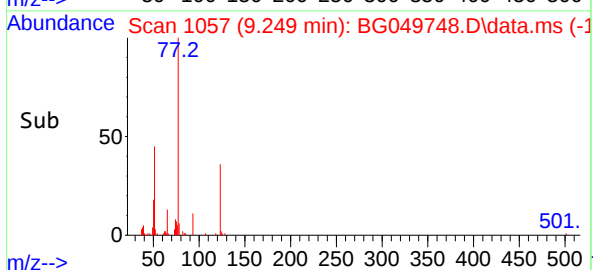
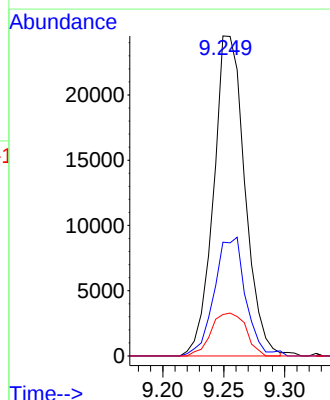
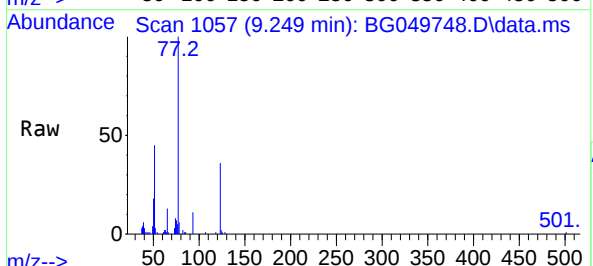
RT: 9.249 min Scan# 1057

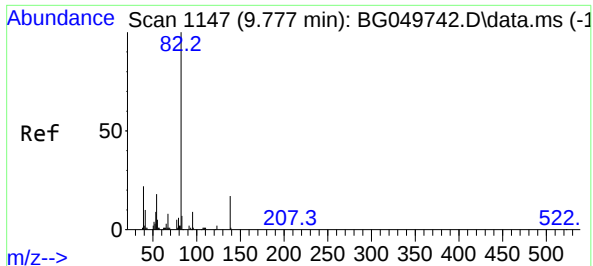
Delta R.T. -0.015 min

Lab File: BG049748.D

Acq: 9 Aug 2021 22:22

Tgt Ion:	77	Resp:	43690
Ion	Ratio	Lower	Upper
77	100		
123	35.6	29.8	44.8
65	12.9	11.0	16.4





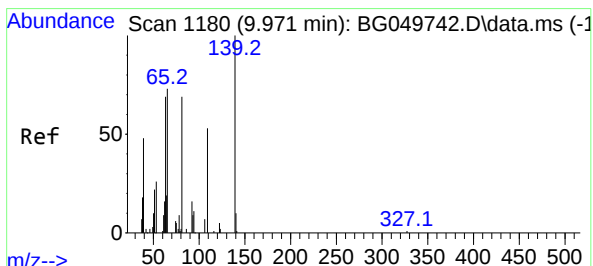
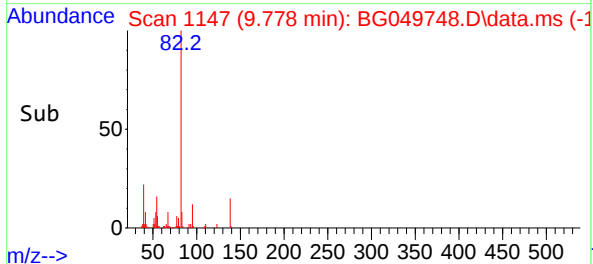
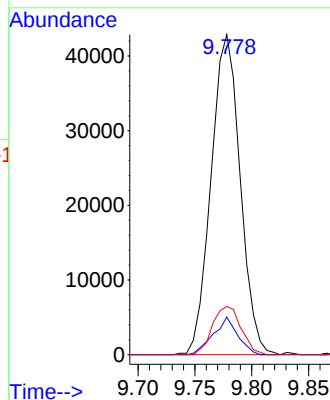
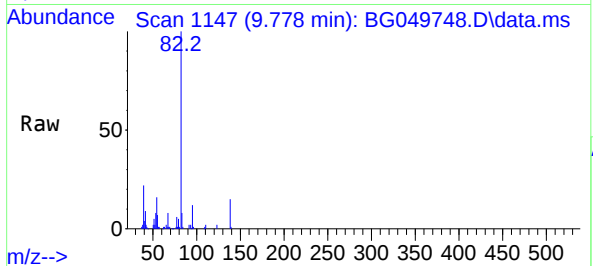
#23
Isophorone
Concen: 16.986 ng/ul
RT: 9.778 min Scan# 1147
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	82	Resp:	76223
Ion	Ratio	Lower	Upper
82	100		
95	11.7	8.9	13.3
138	15.1	11.8	17.8

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

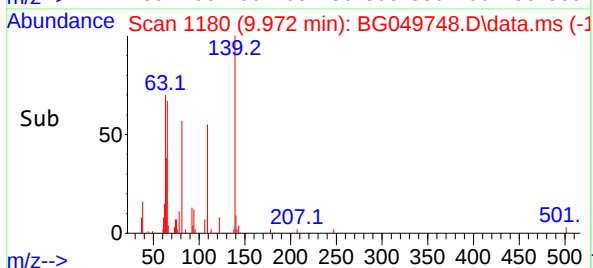
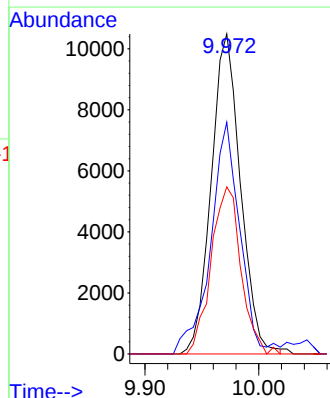
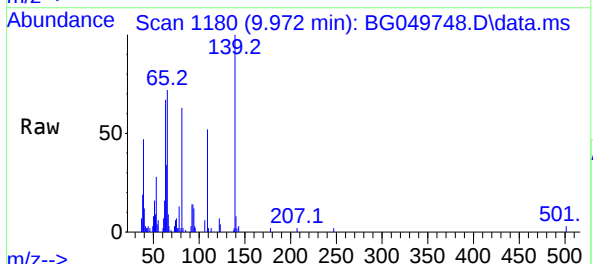
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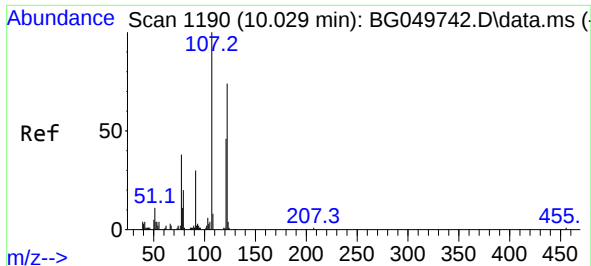
mohammad
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#25
2-Nitrophenol
Concen: 17.926 ng/ul
RT: 9.972 min Scan# 1180
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	139	Resp:	18764
Ion	Ratio	Lower	Upper
139	100		
65	72.4	51.9	77.9
109	52.2	32.8	49.2





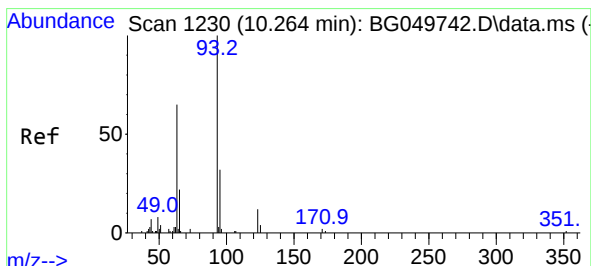
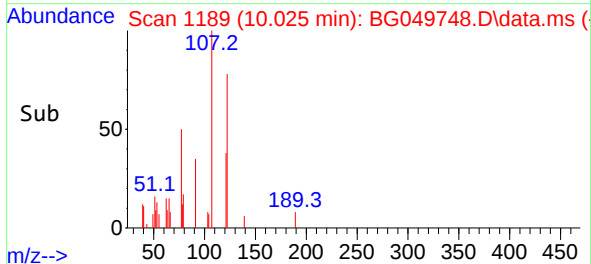
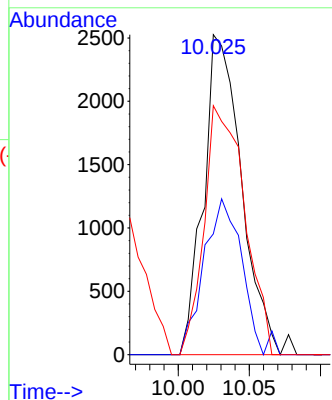
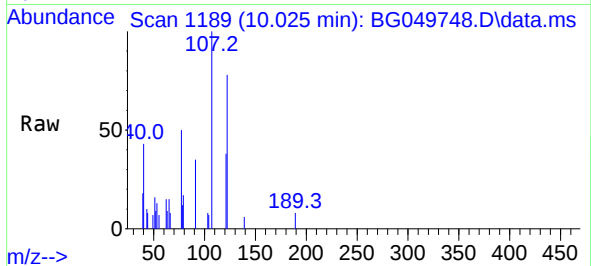
#26
2,4-Dimethylphenol
Concen: 1.936 ng/ul
RT: 10.025 min Scan# 1189
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:107 Resp: 4676
Ion Ratio Lower Upper
107 100
121 37.7 36.0 54.0
122 77.8 58.2 87.2

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

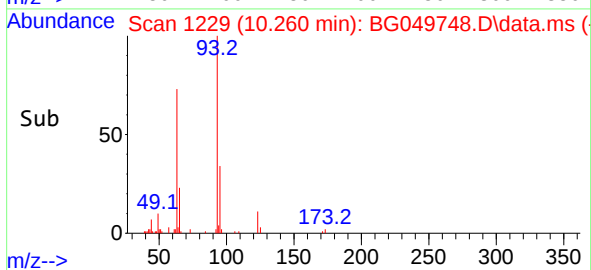
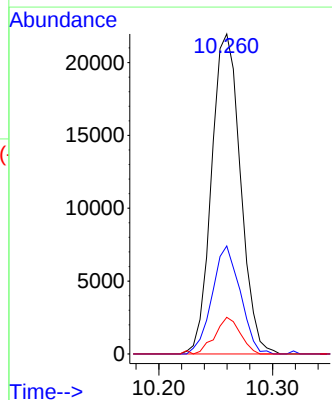
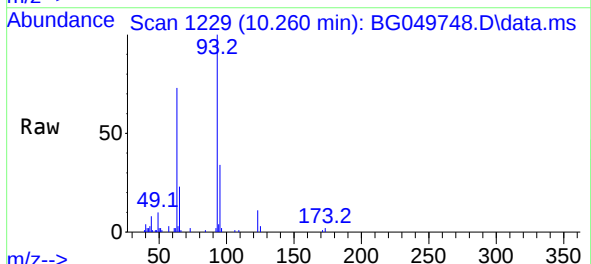
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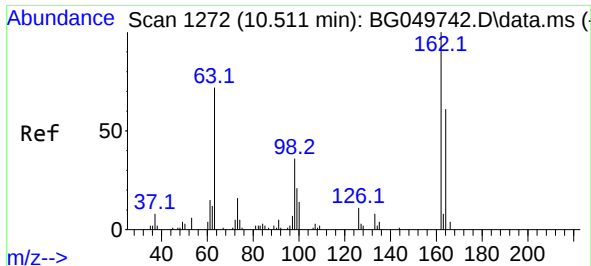
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#27
Bis(2-Chloroethoxy)methane
Concen: 17.058 ng/ul
RT: 10.260 min Scan# 1229
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion: 93 Resp: 38783
Ion Ratio Lower Upper
93 100
95 33.8 27.7 41.5
123 11.5 8.6 12.8





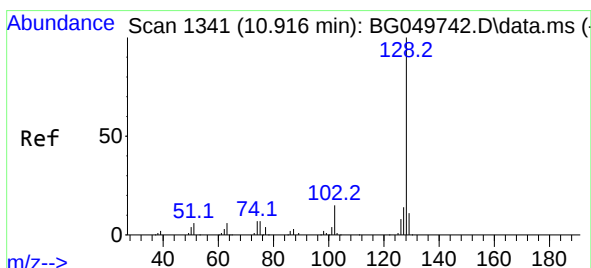
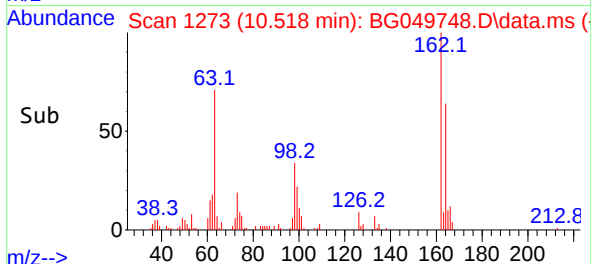
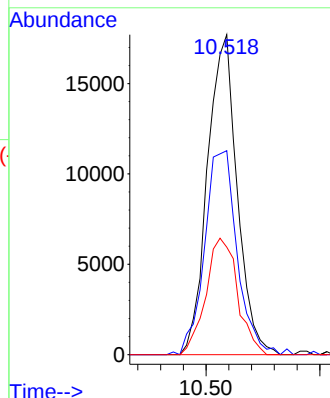
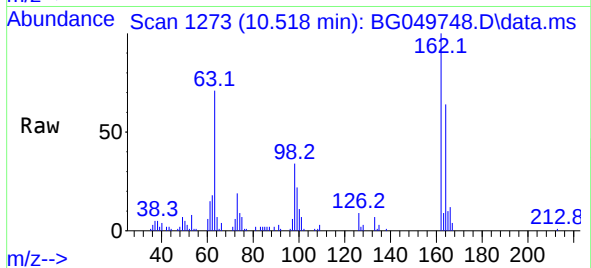
#29
2,4-Dichlorophenol
Concen: 17.639 ng/ul
RT: 10.518 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:162 Resp: 32149
Ion Ratio Lower Upper
162 100
164 63.8 54.6 81.8
98 33.6 25.1 37.7

Instrument :
BNA_G
ClientSampled :
JCE05MSD

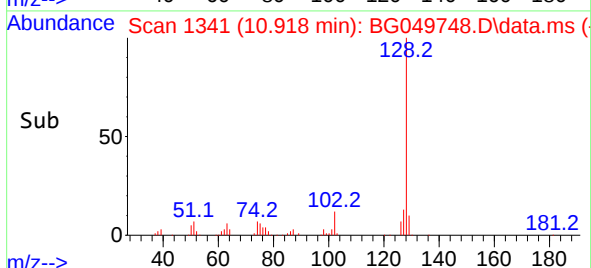
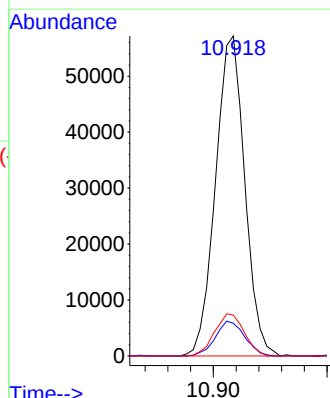
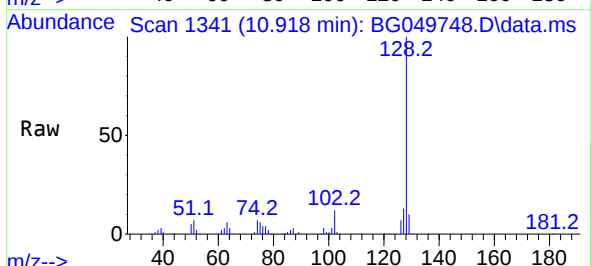
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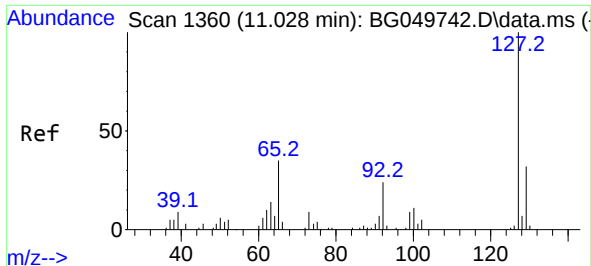
mohammad
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#30
Naphthalene
Concen: 17.202 ng/ul
RT: 10.918 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:128 Resp: 102049
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 12.8 10.6 16.0





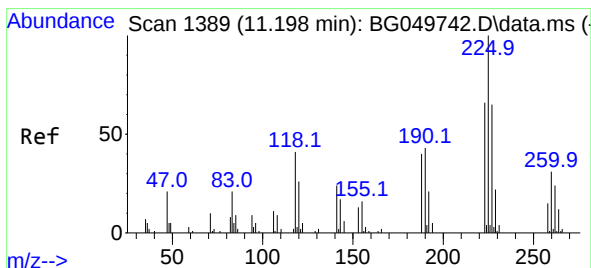
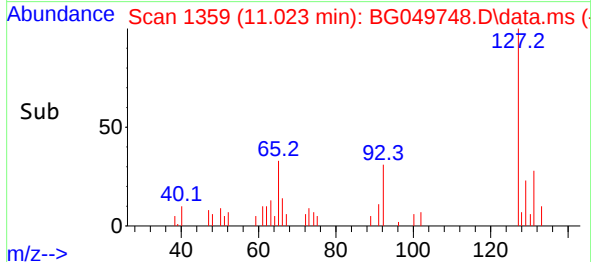
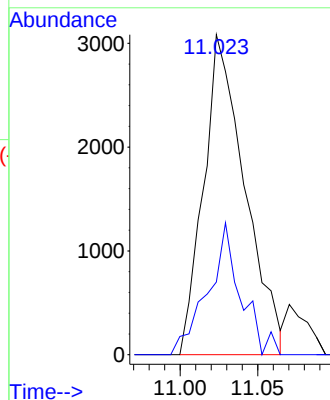
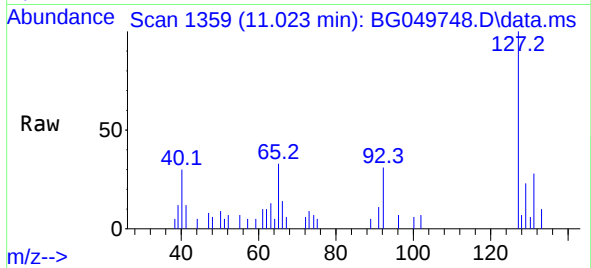
#32
4-Chloroaniline
Concen: 2.257 ng/ul
RT: 11.023 min Scan# 1359
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Instrument :
BNA_G
ClientSampled :
JCE05MSD

Tgt Ion:127 Resp: 5698
Ion Ratio Lower Upper
127 100
129 22.7 28.1 42.1#

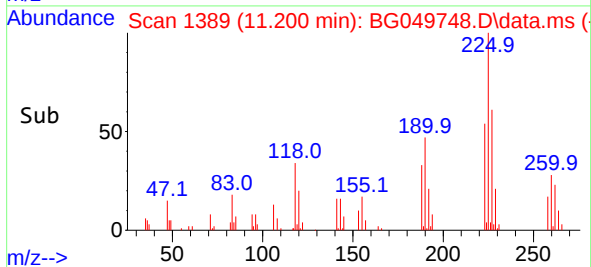
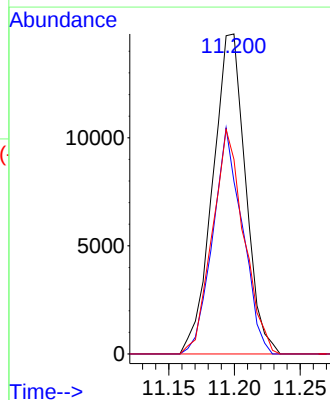
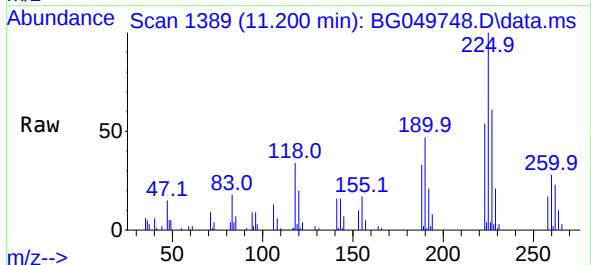
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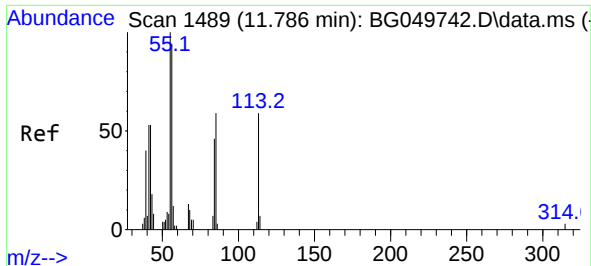
mohammad
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#33
Hexachlorobutadiene
Concen: 17.163 ng/ul
RT: 11.200 min Scan# 1389
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

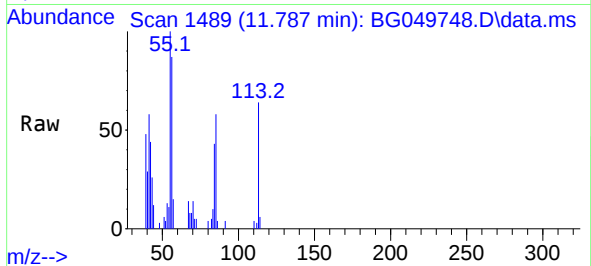
Tgt Ion:225 Resp: 25695
Ion Ratio Lower Upper
225 100
223 53.9 47.8 71.6
227 60.8 45.2 67.8





#34
Caprolactam
Concen: 10.707 ng/ul m
RT: 11.787 min Scan# 1489
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

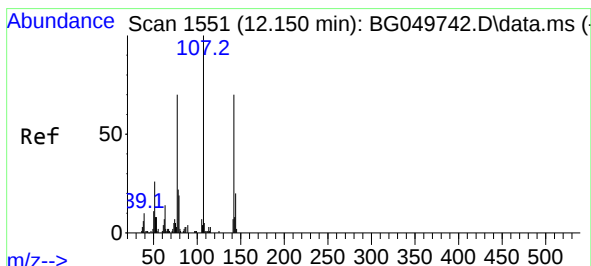
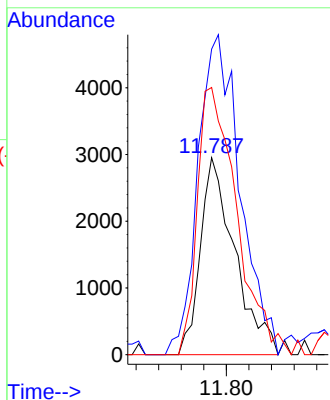
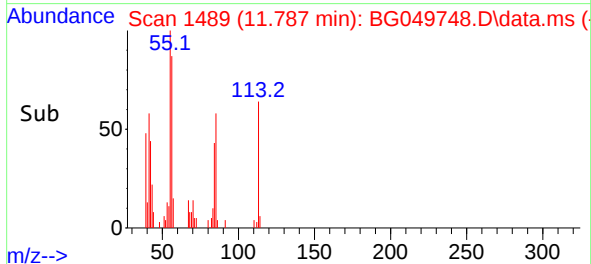
Instrument :
BNA_G
ClientSampled :
JCE05MSD



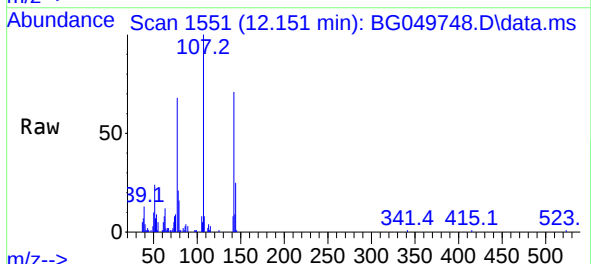
Tgt Ion:113 Resp: 6239
Ion Ratio Lower Upper
113 100
55 155.2 131.1 196.7
56 135.6 100.2 150.2

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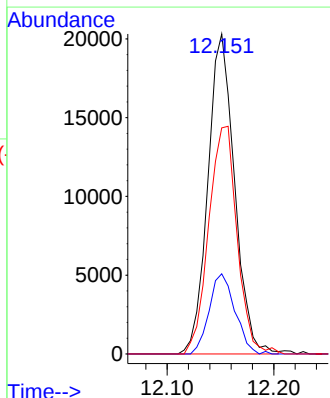
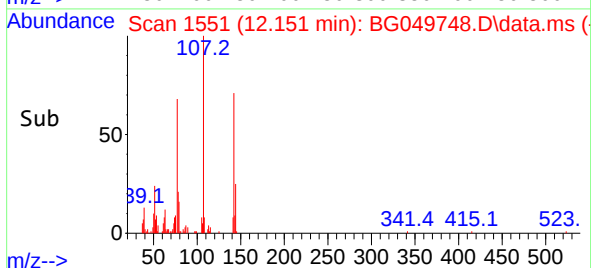
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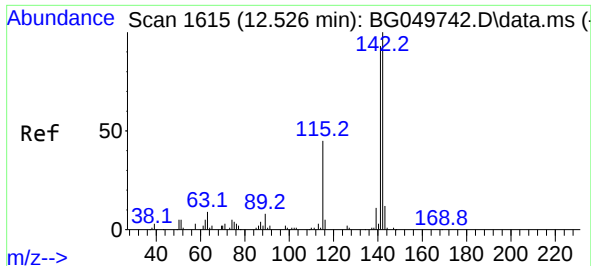


#35
4-Chloro-3-methylphenol
Concen: 16.709 ng/ul
RT: 12.151 min Scan# 1551
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



Tgt Ion:107 Resp: 35294
Ion Ratio Lower Upper
107 100
144 25.1 19.4 29.0
142 70.6 62.3 93.5





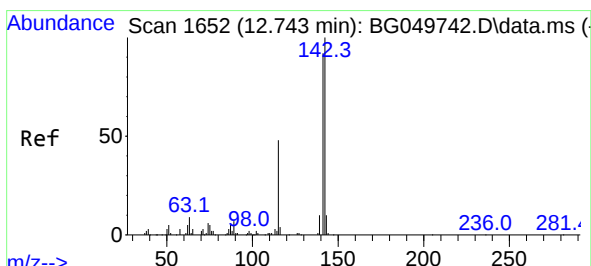
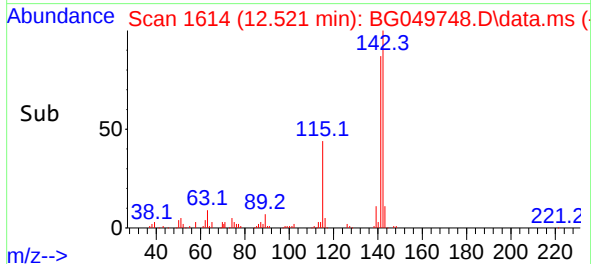
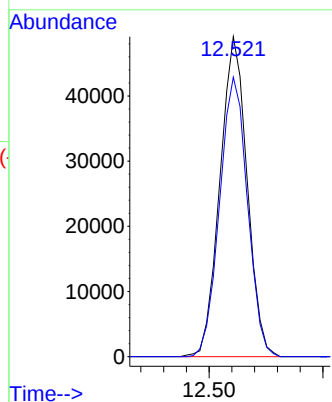
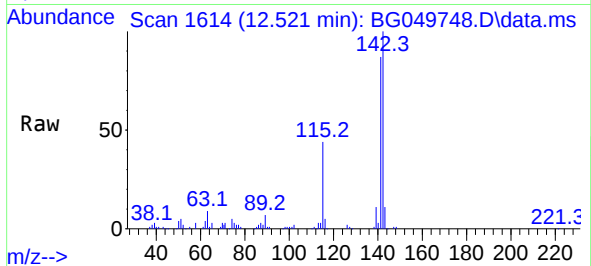
#36
2-Methylnaphthalene
Concen: 17.906 ng/ul
RT: 12.521 min Scan# 1614
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Tgt Ion:142 Resp: 81337
Ion Ratio Lower Upper
142 100
141 87.4 71.8 107.8

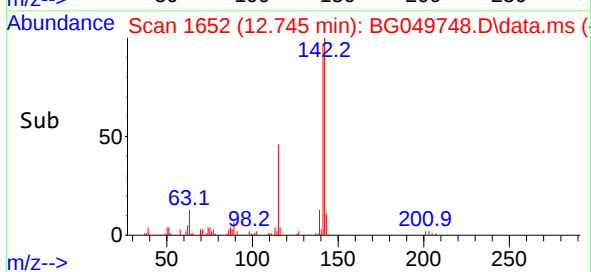
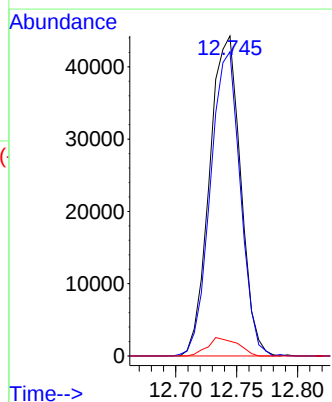
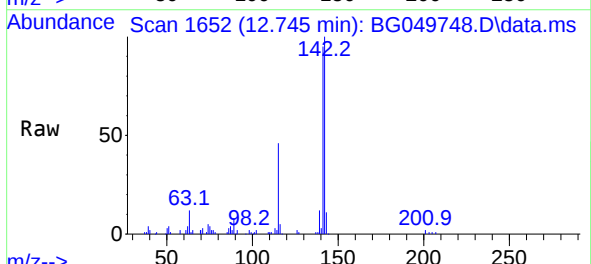
Manual Integrations
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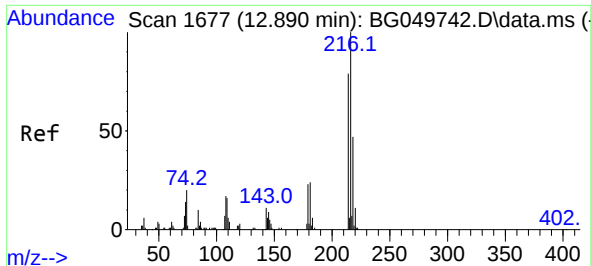
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#37
1-Methylnaphthalene
Concen: 17.701 ng/ul
RT: 12.745 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:142 Resp: 78244
Ion Ratio Lower Upper
142 100
141 95.0 75.4 113.0
116 4.6 4.2 6.2





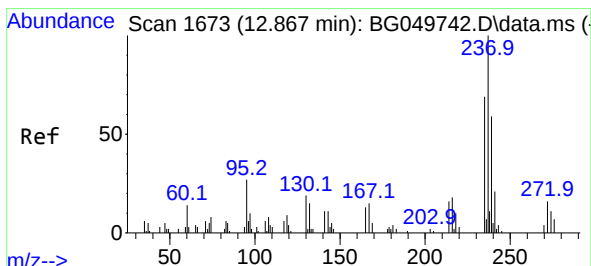
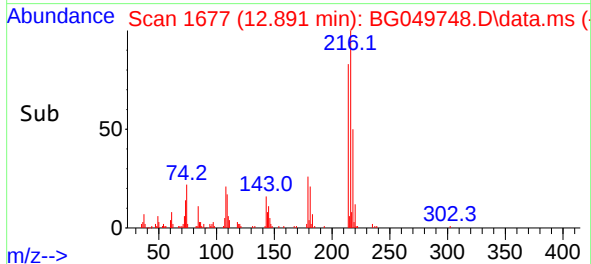
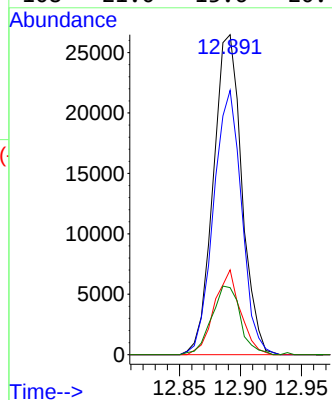
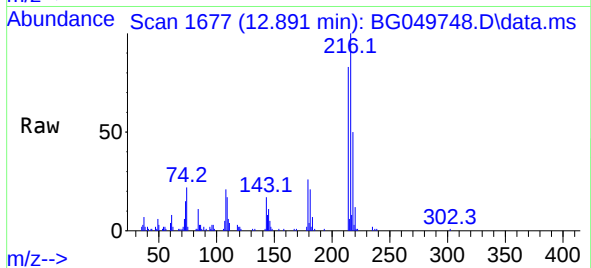
#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.028 ng/ul
RT: 12.891 min Scan# 1677
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Tgt Ion:	216	Resp:	43172
Ion Ratio	Lower	Upper	
216	100		
214	82.6	63.5	95.3
179	26.5	17.6	26.4#
108	21.0	13.6	20.4#

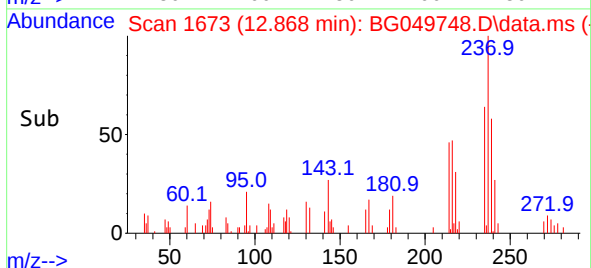
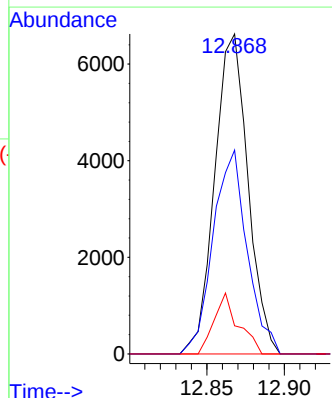
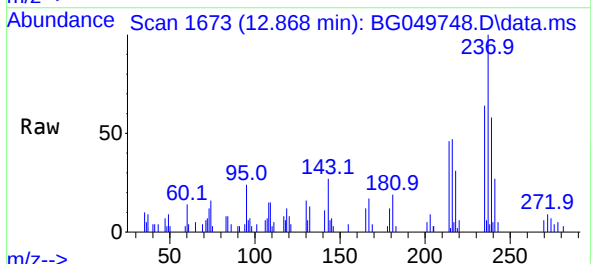
Manual Integrations
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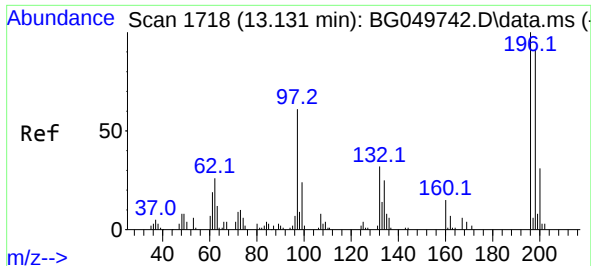
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#40
Hexachlorocyclopentadiene
Concen: 6.991 ng/ul
RT: 12.868 min Scan# 1673
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	237	Resp:	9874
Ion Ratio	Lower	Upper	
237	100		
235	63.7	54.3	81.5
272	8.8	11.8	17.8#





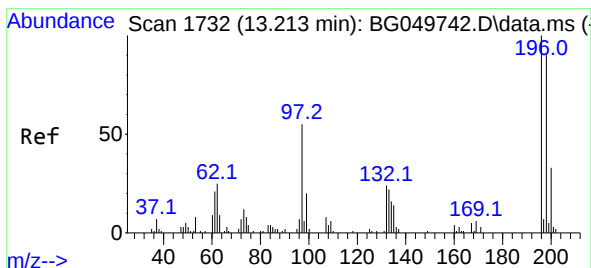
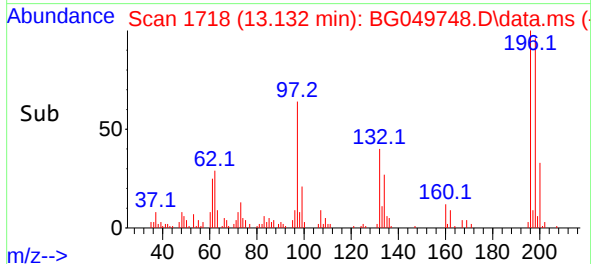
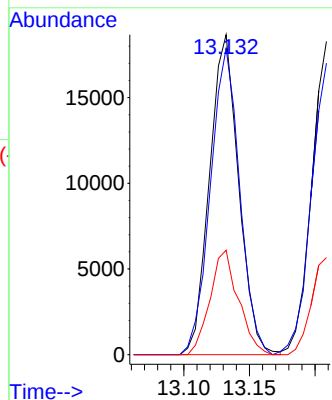
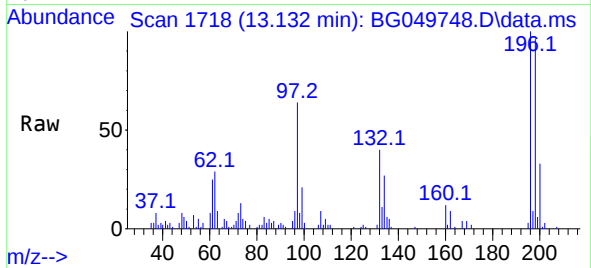
#41
2,4,6-Trichlorophenol
Concen: 18.819 ng/ul
RT: 13.132 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:196 Resp: 28839
Ion Ratio Lower Upper
196 100
198 95.8 71.6 107.4
200 32.7 19.6 29.4#

Instrument :
BNA_G
ClientSampled :
JCE05MSD

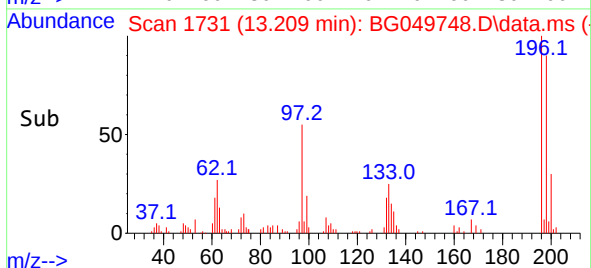
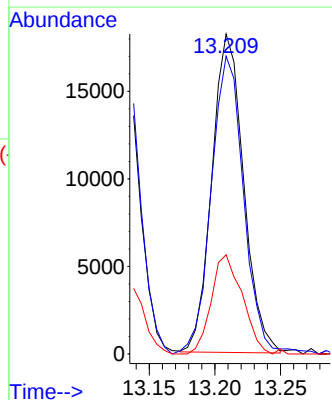
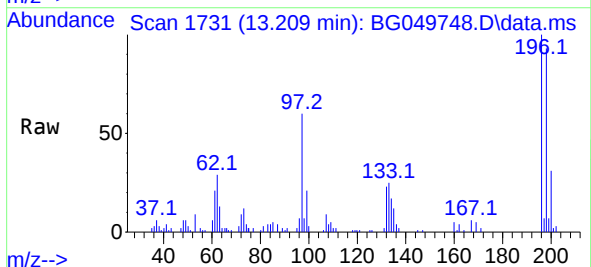
Manual Integrations
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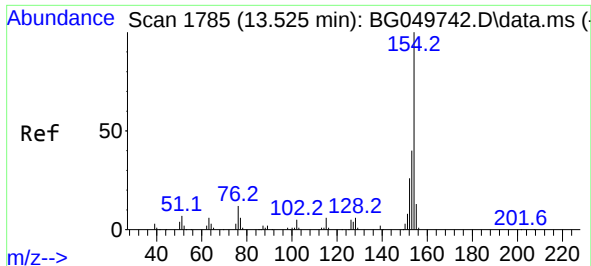
mohammad
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#42
2,4,5-Trichlorophenol
Concen: 18.559 ng/ul
RT: 13.209 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:196 Resp: 30517
Ion Ratio Lower Upper
196 100
198 93.0 75.4 113.0
200 31.0 26.6 39.8





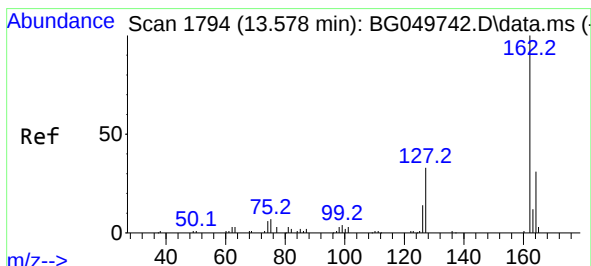
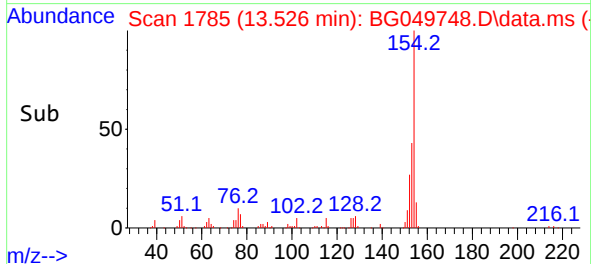
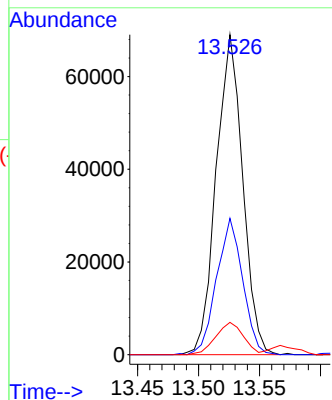
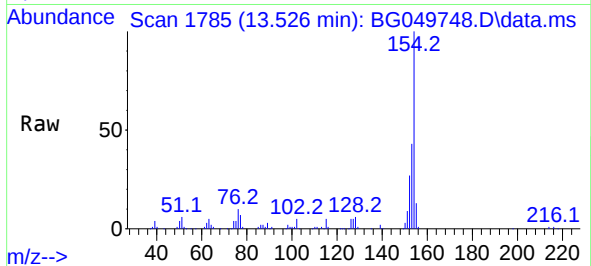
#43
1,1'-Biphenyl
Concen: 18.171 ng/ul
RT: 13.526 min Scan# 1785
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	154	Resp:	104376
Ion	Ratio	Lower	Upper
154	100		
153	42.6	34.1	51.1
76	10.1	8.6	12.8

Instrument :
BNA_G
ClientSampled :
JCE05MSD

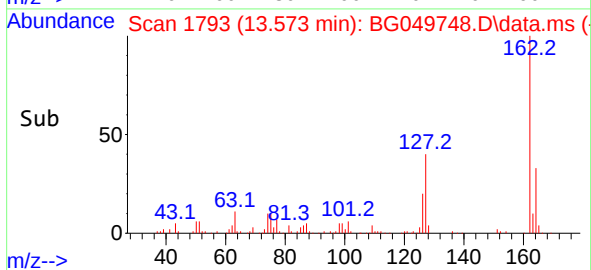
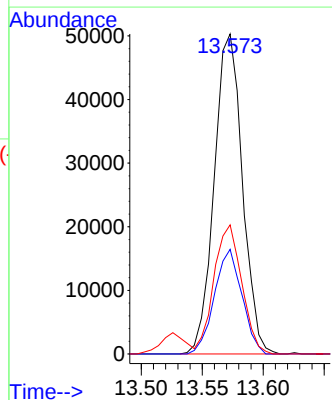
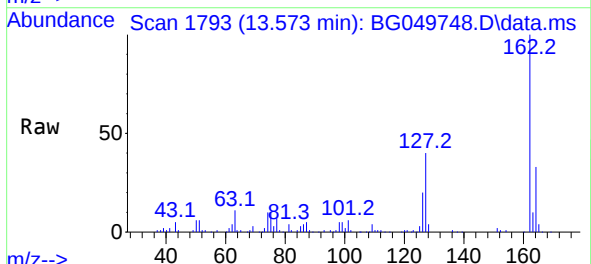
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APPROVED

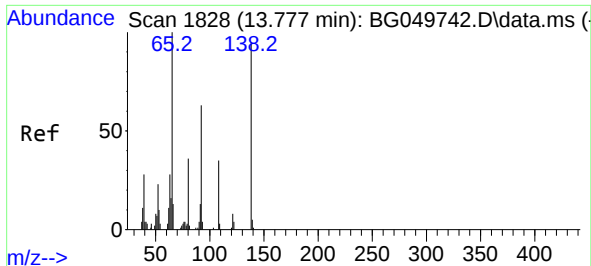
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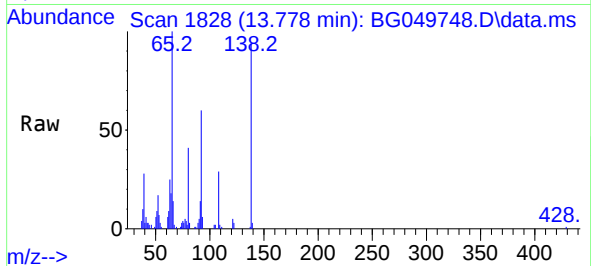
#44
2-Chloronaphthalene
Concen: 17.983 ng/ul
RT: 13.573 min Scan# 1793
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:	162	Resp:	80860
Ion	Ratio	Lower	Upper
162	100		
164	32.7	28.6	42.8
127	40.3	32.2	48.4

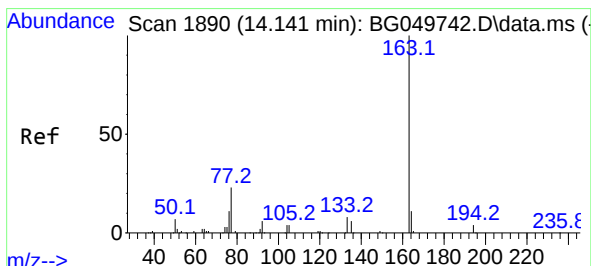
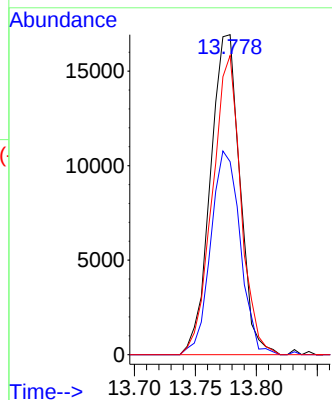
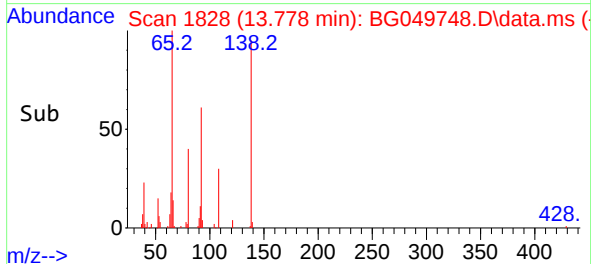




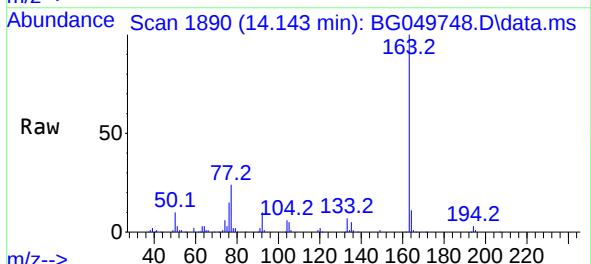
#45
2-Nitroaniline
Concen: 17.970 ng/ul
RT: 13.778 min Scan# 1828
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



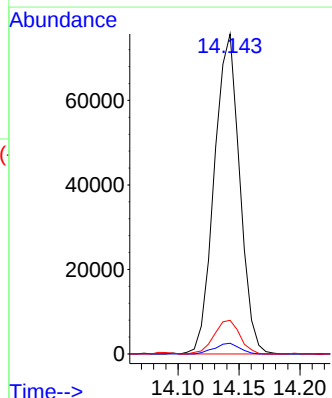
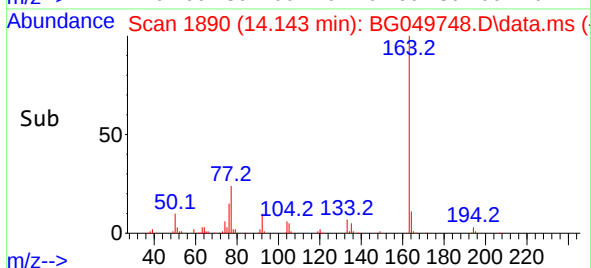
Tgt Ion: 65 Resp: 28446
Ion Ratio Lower Upper
65 100
92 60.3 49.7 74.5
138 93.5 68.3 102.5



#47
Dimethylphthalate
Concen: 18.244 ng/ul
RT: 14.143 min Scan# 1890
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



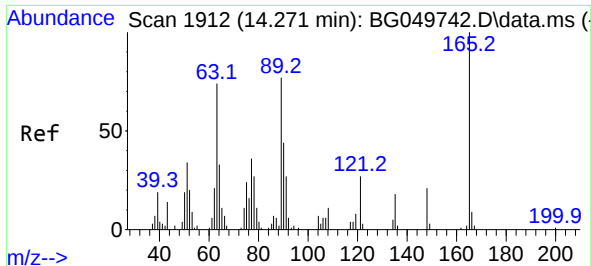
Tgt Ion: 163 Resp: 109576
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.5 7.4 11.0



Instrument :
BNA_G
ClientSampleId :
JCE05MSD

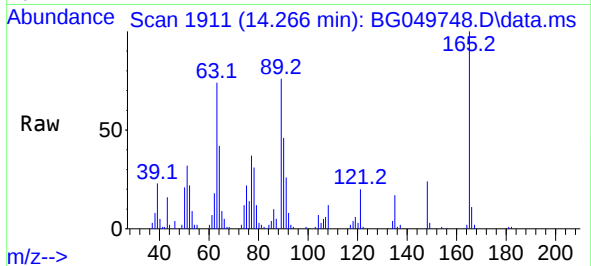
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#48
2,6-Dinitrotoluene
Concen: 18.444 ng/ul
RT: 14.266 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

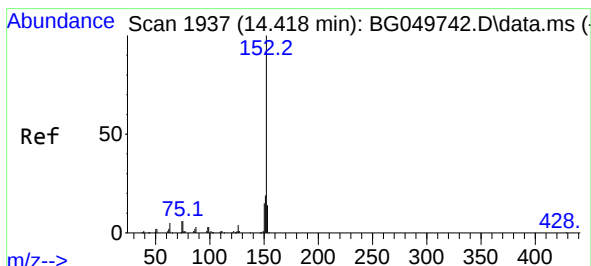
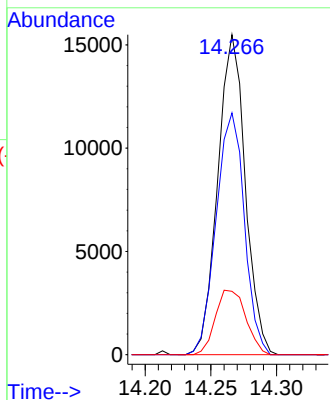
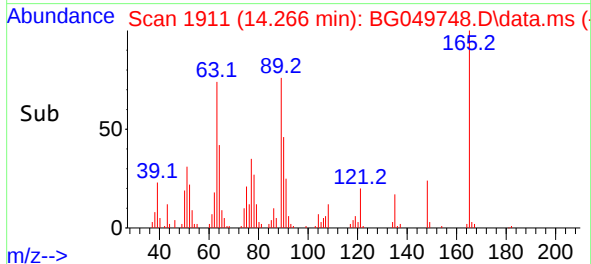
Instrument :
BNA_G
ClientSampled :
JCE05MSD



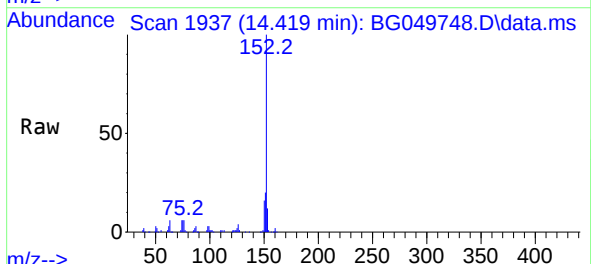
Tgt Ion:165 Resp: 22625
Ion Ratio Lower Upper
165 100
89 75.5 65.3 97.9
121 19.8 19.7 29.5

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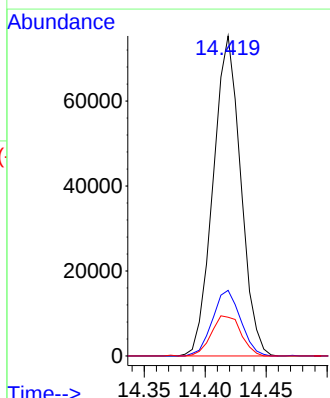
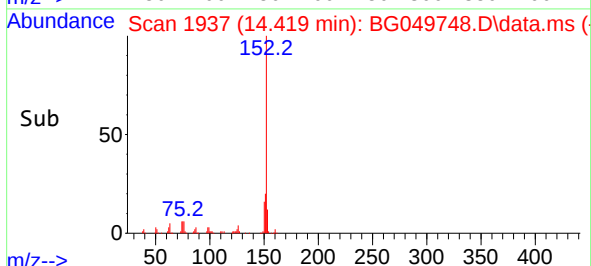
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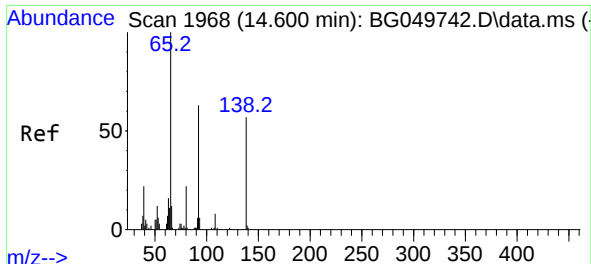


#50
Acenaphthylene
Concen: 17.445 ng/ul
RT: 14.419 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



Tgt Ion:152 Resp: 118496
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.1 11.4 17.0





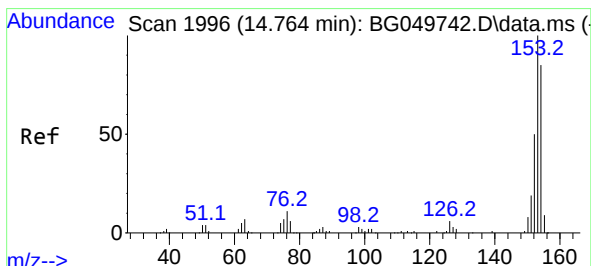
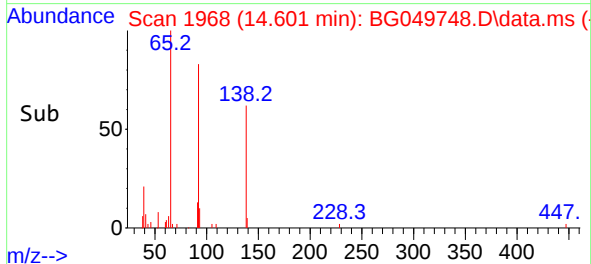
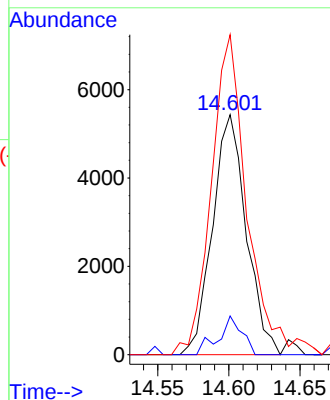
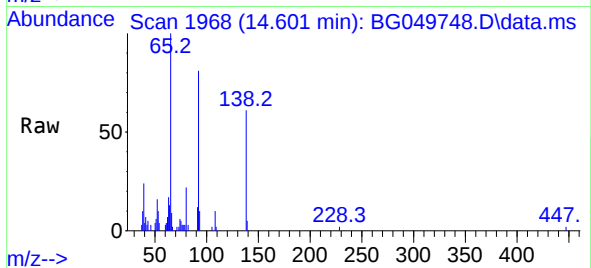
#51
3-Nitroaniline
Concen: 8.212 ng/ul
RT: 14.601 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:138 Resp: 8968
Ion Ratio Lower Upper
138 100
108 16.1 6.8 10.2#
92 133.3 98.5 147.7

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

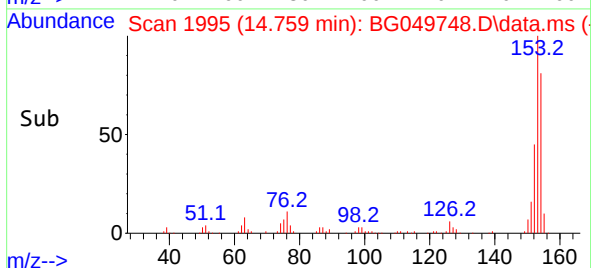
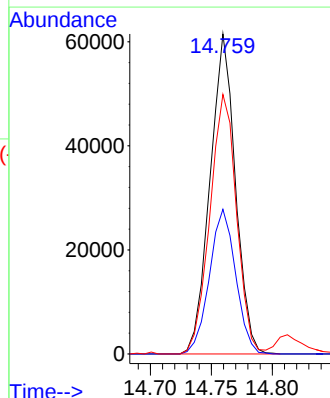
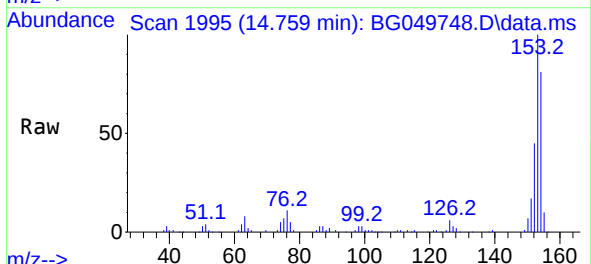
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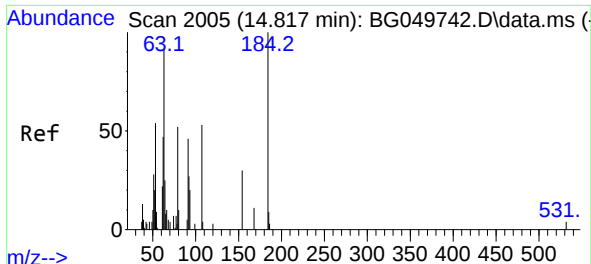
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#52
Acenaphthene
Concen: 18.357 ng/ul
RT: 14.759 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

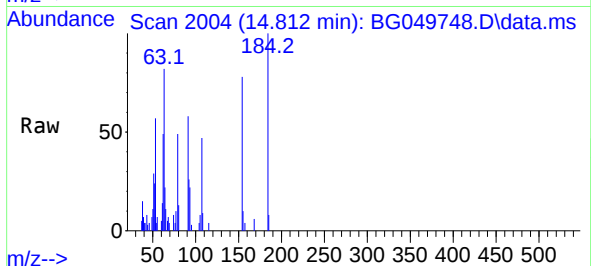
Tgt Ion:153 Resp: 89060
Ion Ratio Lower Upper
153 100
152 45.2 41.0 61.6
154 81.1 71.1 106.7





#53
2,4-Dinitrophenol
Concen: 11.214 ng/ul
RT: 14.812 min Scan# 2004
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

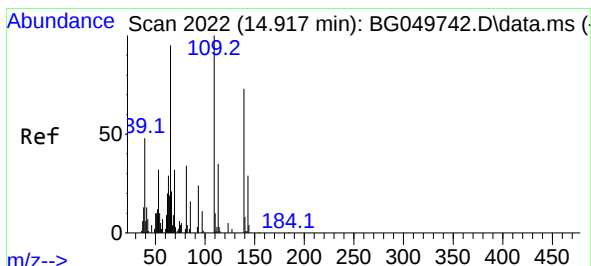
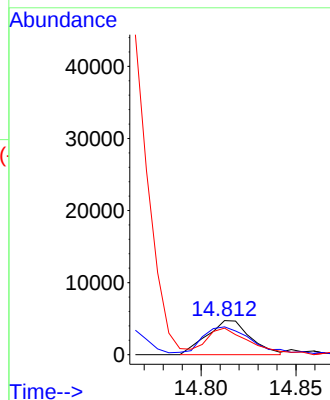
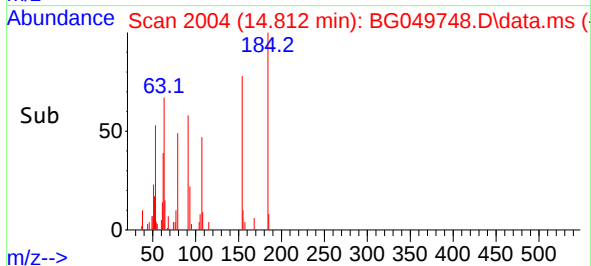
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



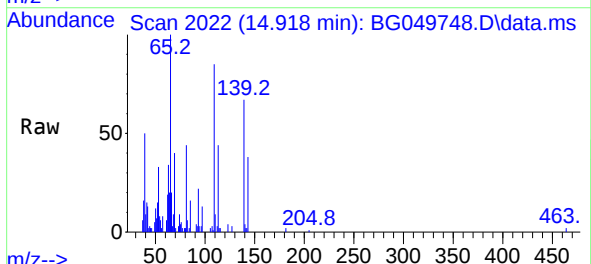
Tgt Ion:184 Resp: 7579
Ion Ratio Lower Upper
184 100
63 81.5 71.5 107.3
154 77.8 63.5 95.3

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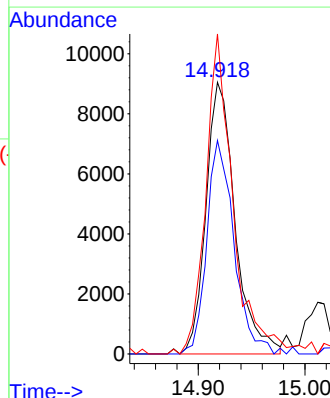
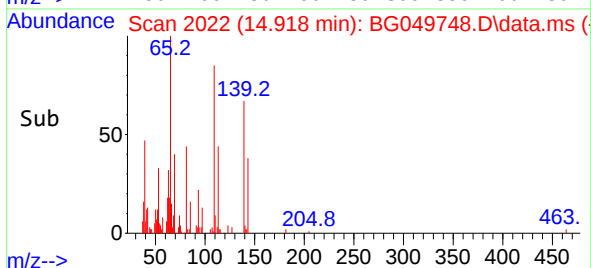
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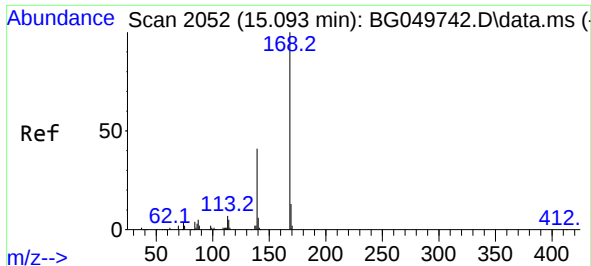


#55
4-Nitrophenol
Concen: 13.445 ng/ul
RT: 14.918 min Scan# 2022
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



Tgt Ion:109 Resp: 17202
Ion Ratio Lower Upper
109 100
139 78.6 60.2 90.4
65 117.8 72.2 108.2#





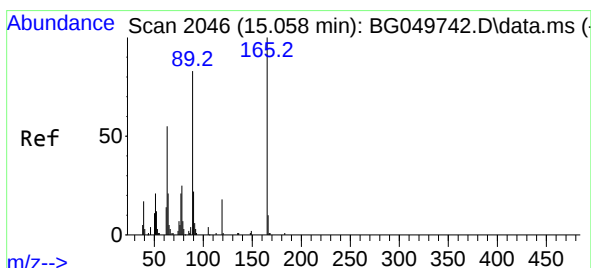
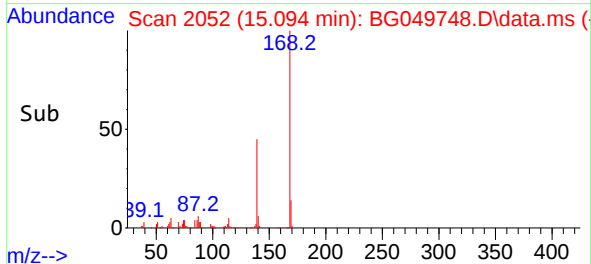
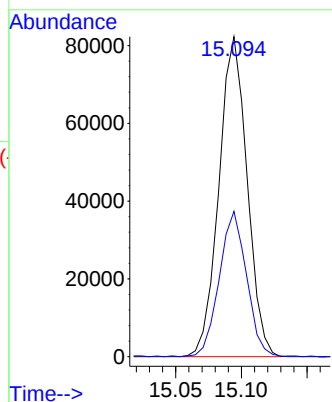
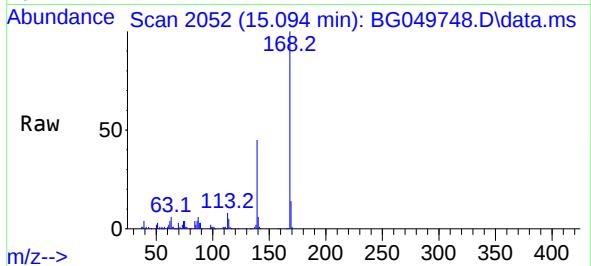
#56
Dibenzofuran
Concen: 18.253 ng/ul
RT: 15.094 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Tgt Ion:168 Resp: 122848
Ion Ratio Lower Upper
168 100
139 45.4 34.6 52.0

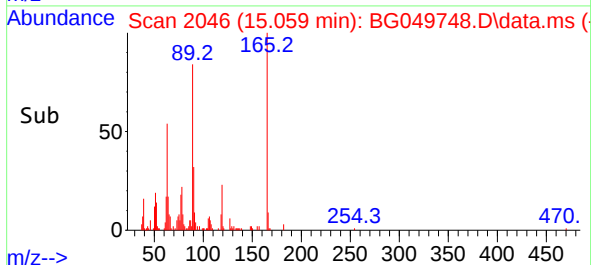
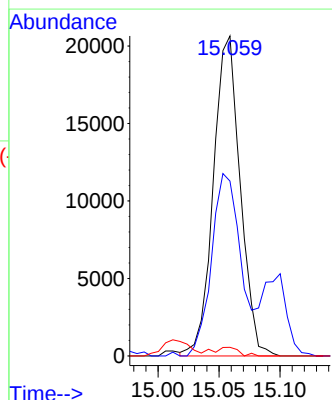
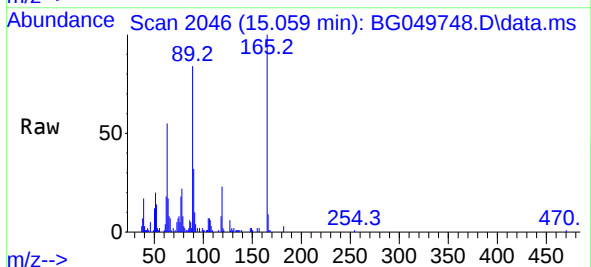
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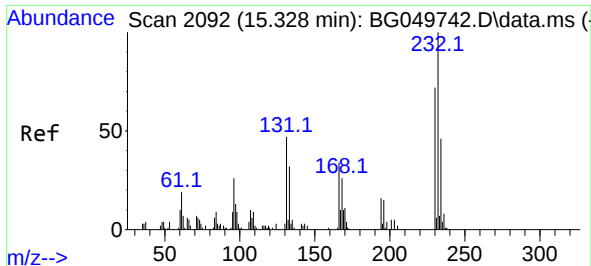
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#57
2,4-Dinitrotoluene
Concen: 17.908 ng/ul
RT: 15.059 min Scan# 2046
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

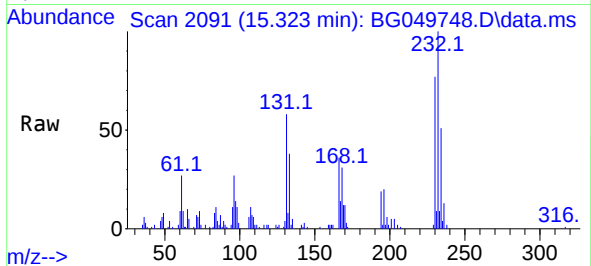
Tgt Ion:165 Resp: 31686
Ion Ratio Lower Upper
165 100
63 54.6 46.0 69.0
182 2.7 1.4 2.0#





#58
2,3,4,6-Tetrachlorophenol
Concen: 19.430 ng/ul
RT: 15.323 min Scan# 2091
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

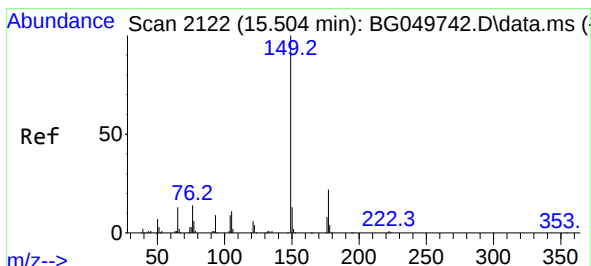
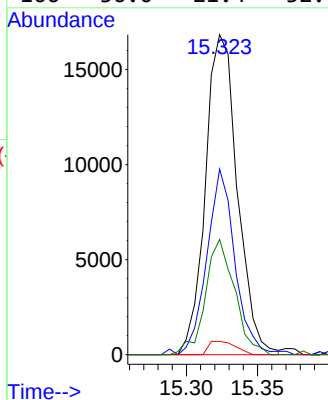
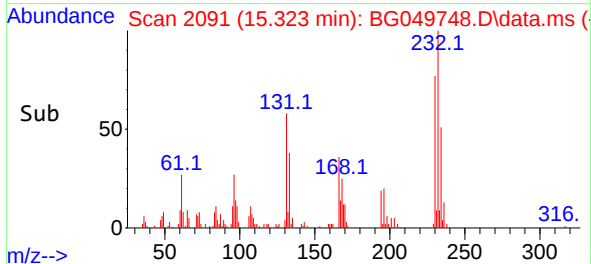
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



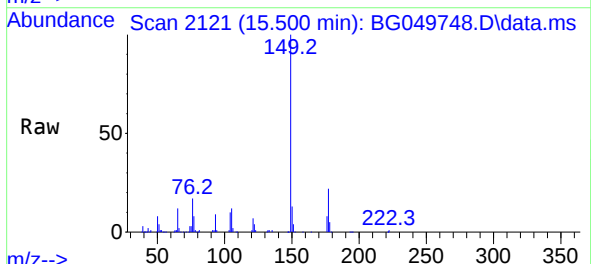
Tgt Ion:232 Resp: 26328
Ion Ratio Lower Upper
232 100
131 58.0 38.5 57.7#
130 4.2 2.1 3.1#
166 36.0 21.4 32.0#

Manual Integrations
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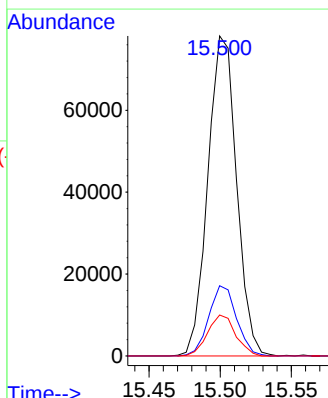
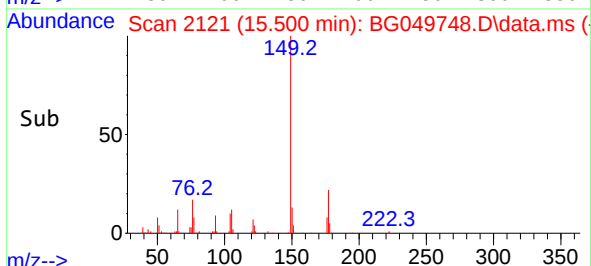
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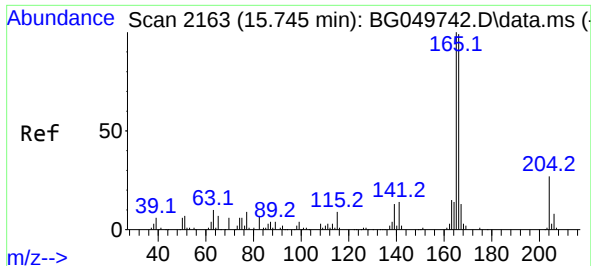


#59
Diethylphthalate
Concen: 18.095 ng/ul
RT: 15.500 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



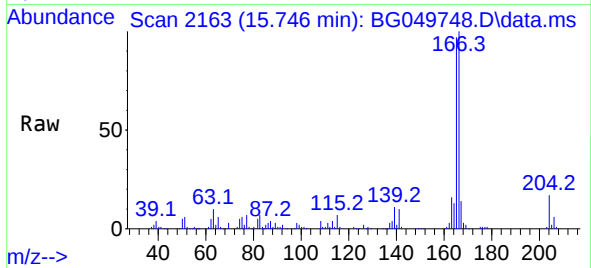
Tgt Ion:149 Resp: 109580
Ion Ratio Lower Upper
149 100
177 22.0 15.5 23.3
150 12.8 9.8 14.8





#61
Fluorene
Concen: 18.195 ng/ul
RT: 15.746 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

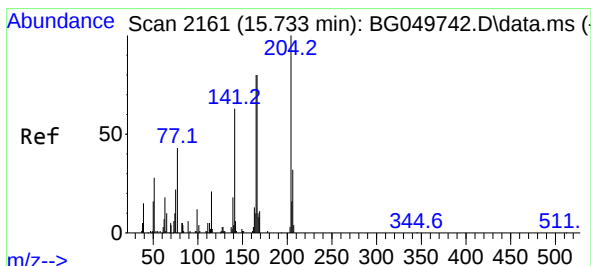
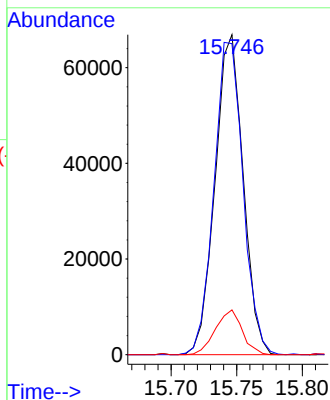
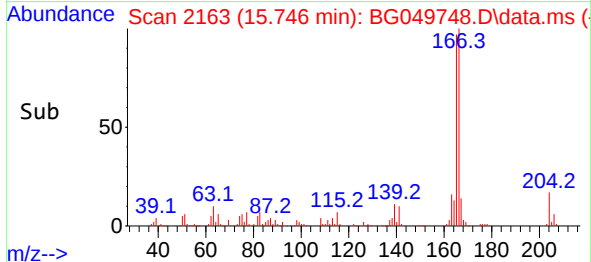
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



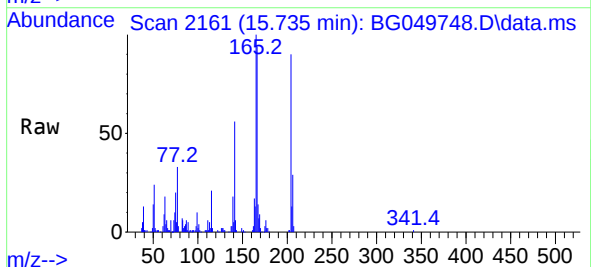
Tgt Ion:166 Resp: 99585
Ion Ratio Lower Upper
166 100
165 97.2 74.5 111.7
167 14.0 10.5 15.7

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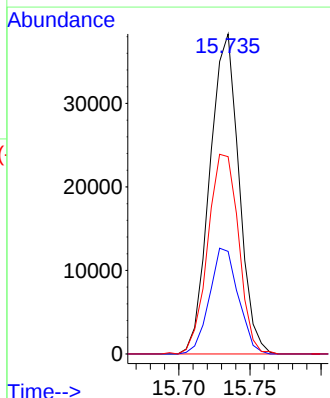
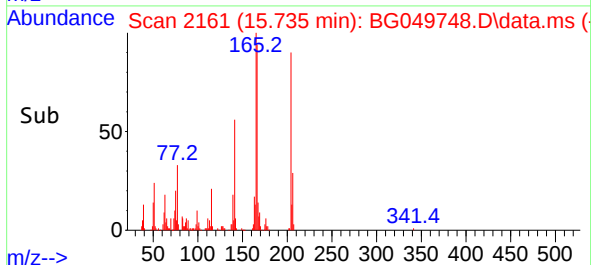
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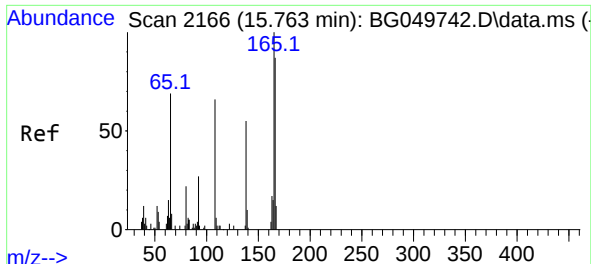


#62
4-Chlorophenyl-phenylether
Concen: 18.334 ng/ul
RT: 15.735 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



Tgt Ion:204 Resp: 54632
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 61.6 54.9 82.3





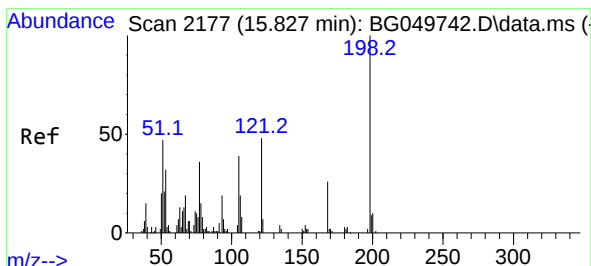
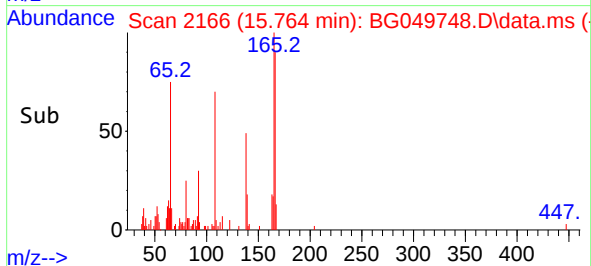
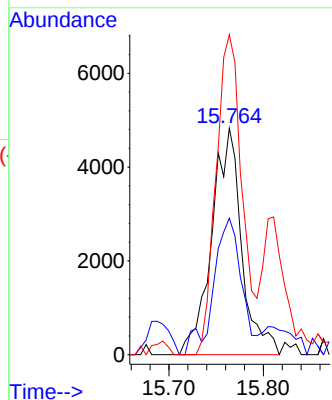
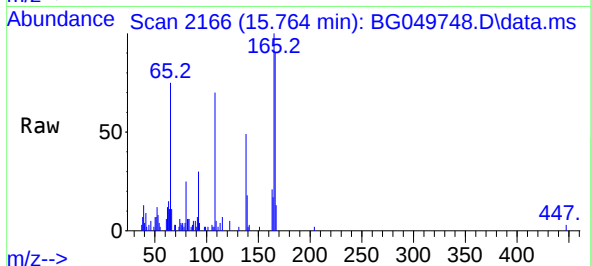
#63
4-Nitroaniline
Concen: 10.435 ng/ul m
RT: 15.764 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:138 Resp: 10655
Ion Ratio Lower Upper
138 100
92 60.2 45.0 67.6
108 141.3 115.1 172.7

Instrument :
BNA_G
ClientSampled :
JCE05MSD

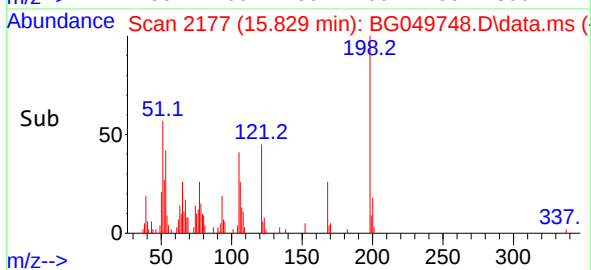
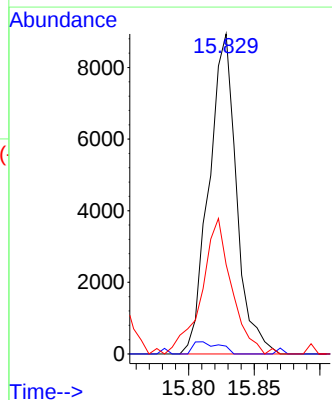
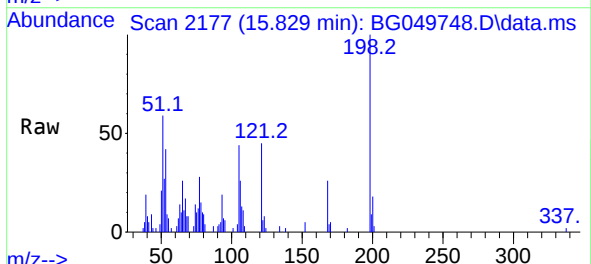
Manual Integrations
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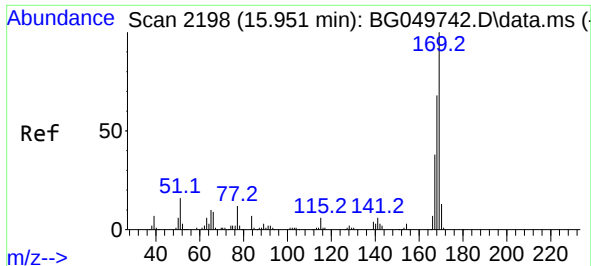
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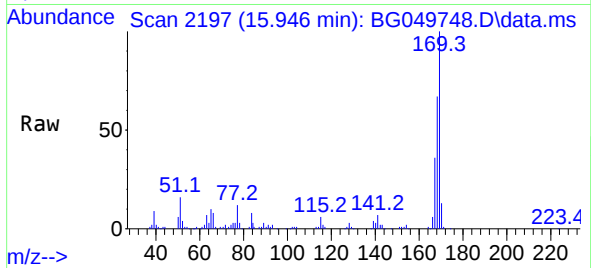
#66
4,6-Dinitro-2-methylphenol
Concen: 13.323 ng/ul
RT: 15.829 min Scan# 2177
Delta R.T. 0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

Tgt Ion:198 Resp: 13047
Ion Ratio Lower Upper
198 100
182 2.5 4.1 6.1#
77 27.9 28.2 42.2#

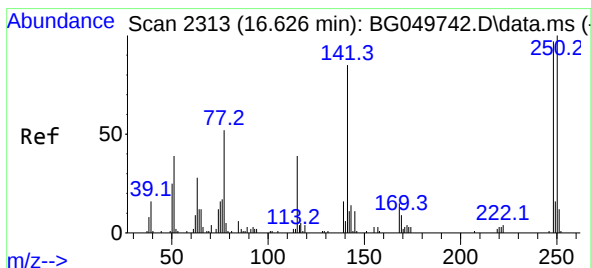
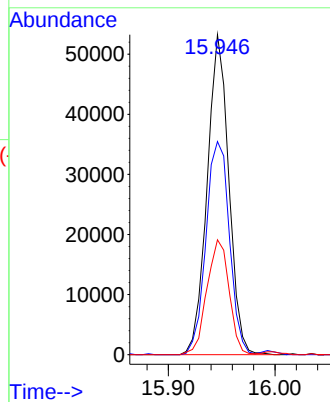
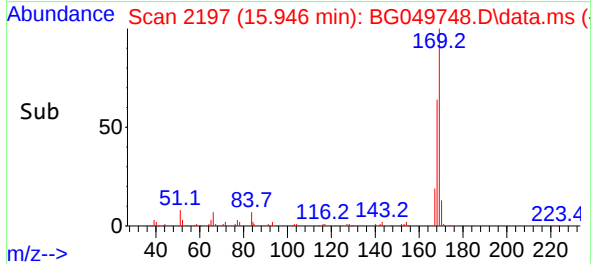




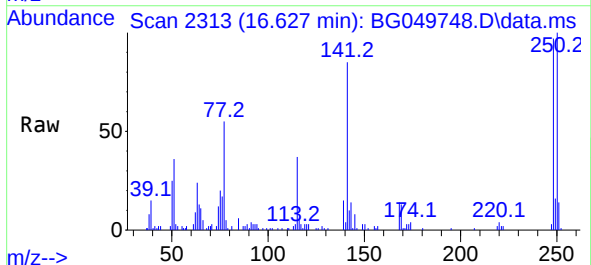
#67
N-Nitrosodiphenylamine
Concen: 17.586 ng/ul
RT: 15.946 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



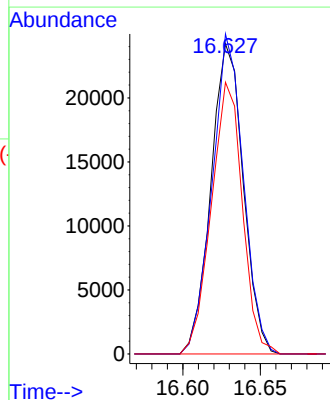
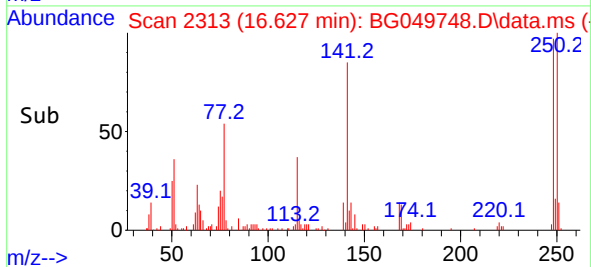
Tgt Ion:169 Resp: 75258
Ion Ratio Lower Upper
169 100
168 66.6 51.2 76.8
167 35.9 30.4 45.6



#68
4-Bromophenyl-phenylether
Concen: 19.448 ng/ul
RT: 16.627 min Scan# 2313
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



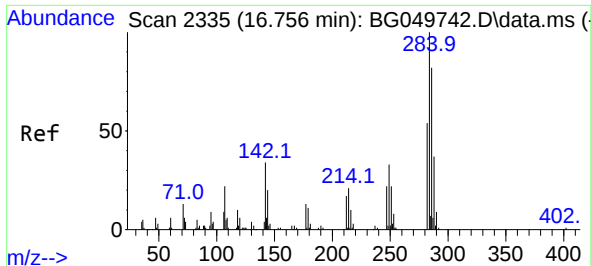
Tgt Ion:248 Resp: 35126
Ion Ratio Lower Upper
248 100
250 103.2 80.3 120.5
141 87.6 68.2 102.4



Instrument :
BNA_G
ClientSampleId :
JCE05MSD

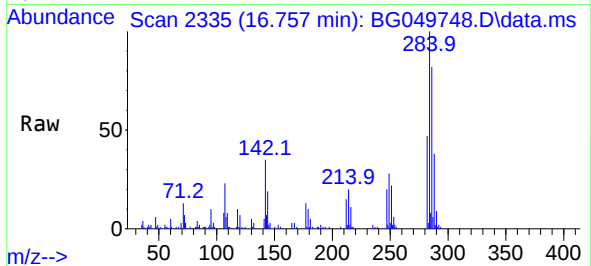
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#69
Hexachlorobenzene
Concen: 19.623 ng/ul
RT: 16.757 min Scan# 2335
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

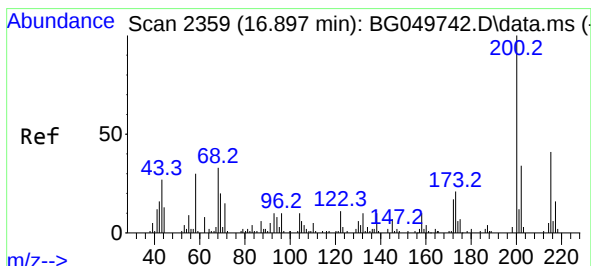
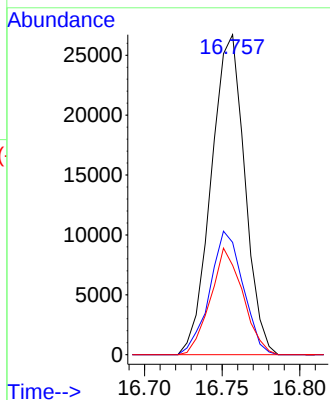
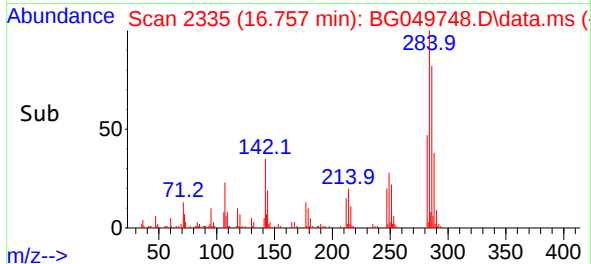
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



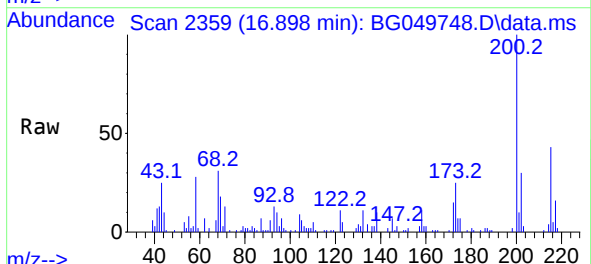
Tgt Ion:284 Resp: 40120
Ion Ratio Lower Upper
284 100
142 35.1 27.6 41.4
249 27.9 25.6 38.4

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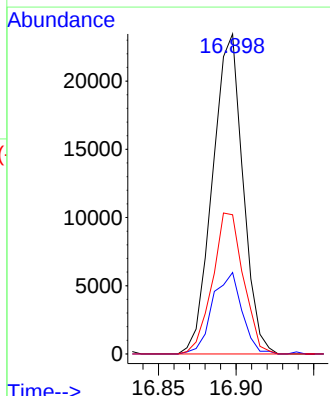
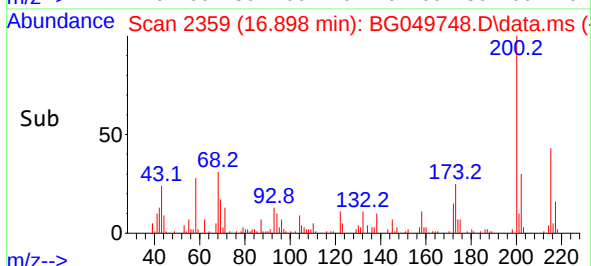
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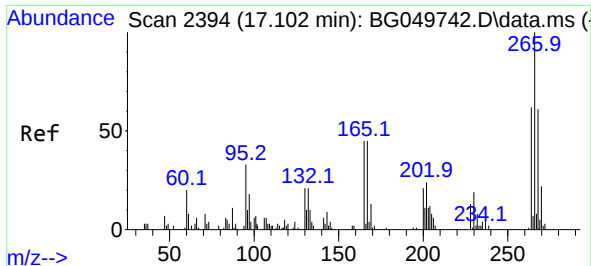


#70
Atrazine
Concen: 16.938 ng/ul
RT: 16.898 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

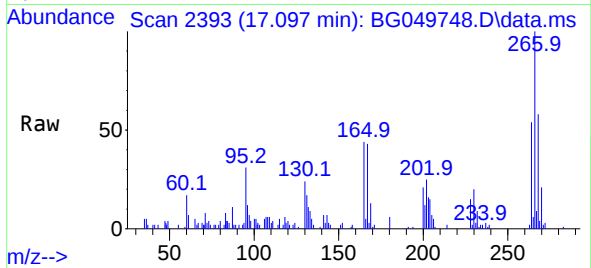


Tgt Ion:200 Resp: 31887
Ion Ratio Lower Upper
200 100
173 25.4 18.2 27.2
215 43.5 31.3 46.9

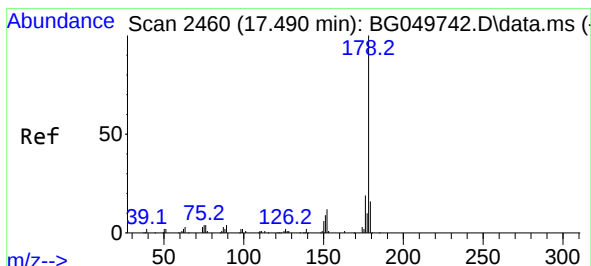
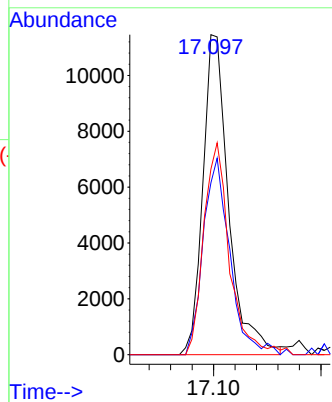
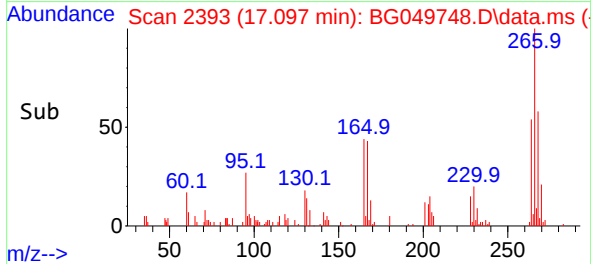




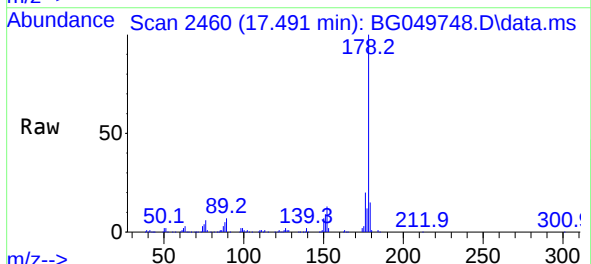
#71
Pentachlorophenol
Concen: 19.570 ng/ul m
RT: 17.097 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



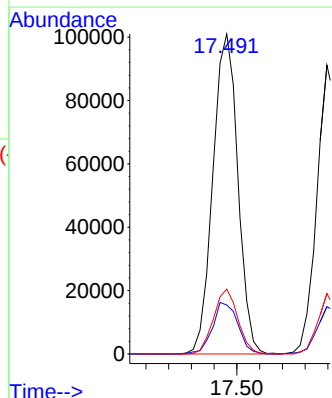
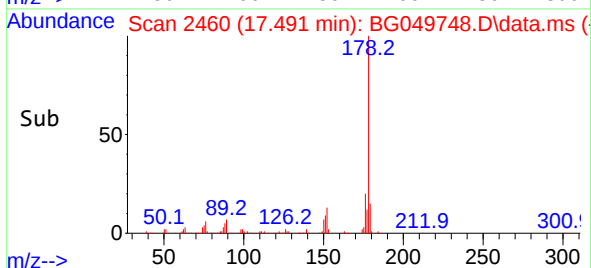
Tgt Ion:266 Resp: 19163
Ion Ratio Lower Upper
266 100
264 53.7 47.8 71.6
268 58.0 48.8 73.2



#72
Phenanthrene
Concen: 18.706 ng/ul
RT: 17.491 min Scan# 2460
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



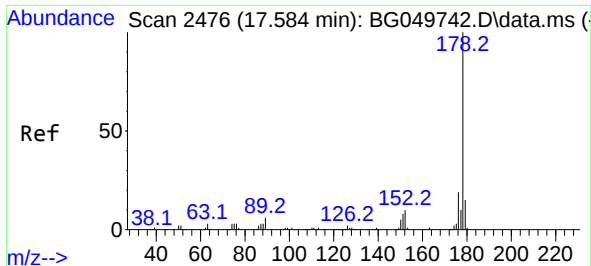
Tgt Ion:178 Resp: 153726
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 20.3 15.4 23.2



Instrument :
BNA_G
ClientSampled :
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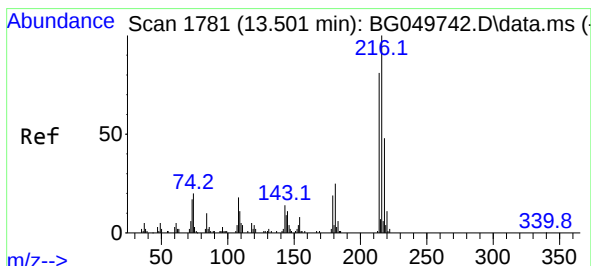
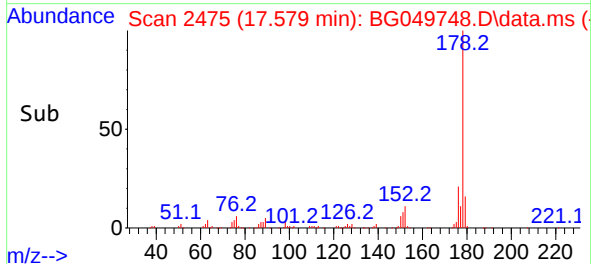
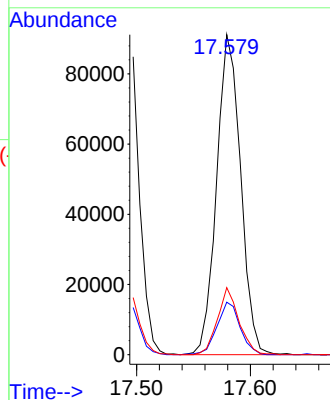
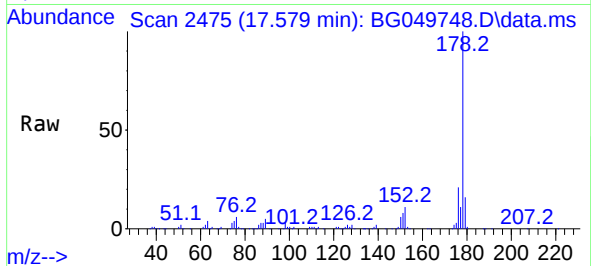
#74
 Anthracene
 Concen: 16.293 ng/u1
 RT: 17.579 min Scan# 2475
 Delta R.T. -0.009 min
 Lab File: BG049748.D
 Acq: 9 Aug 2021 22:22

Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

Tgt Ion:178 Resp: 133942
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.4 18.6
 176 21.0 14.6 21.8

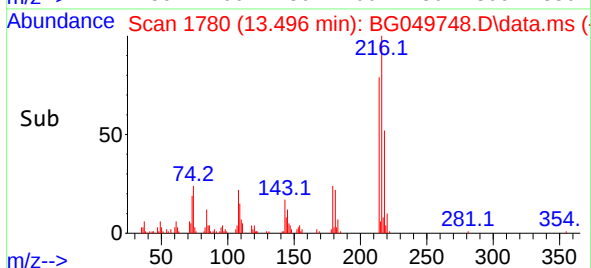
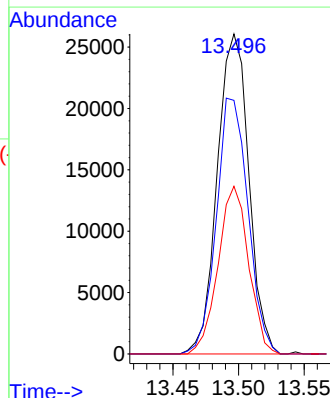
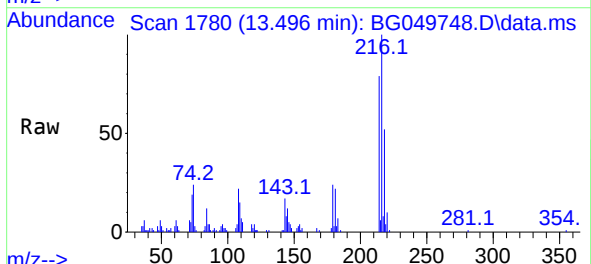
Manual Integrations
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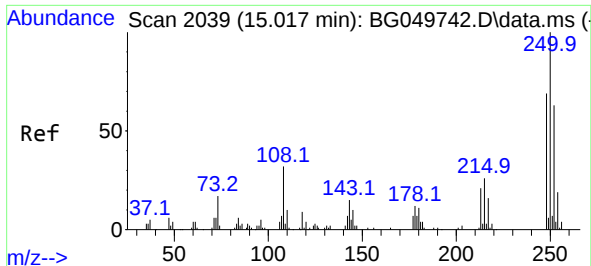
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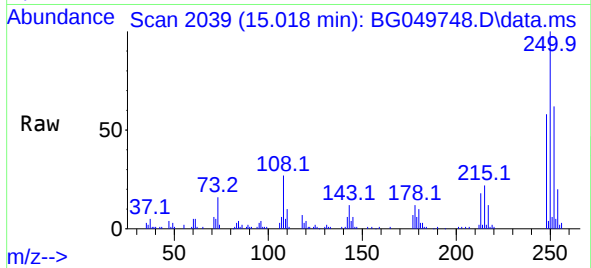
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.083 ng/uL
 RT: 13.496 min Scan# 1780
 Delta R.T. -0.009 min
 Lab File: BG049748.D
 Acq: 9 Aug 2021 22:22

Tgt Ion:216 Resp: 43522
 Ion Ratio Lower Upper
 216 100
 214 79.3 61.8 92.8
 218 52.4 39.4 59.2

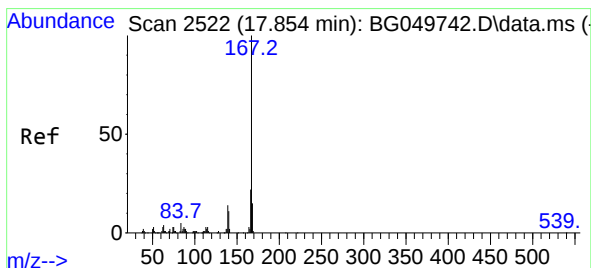
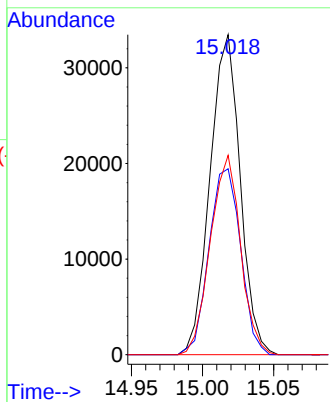
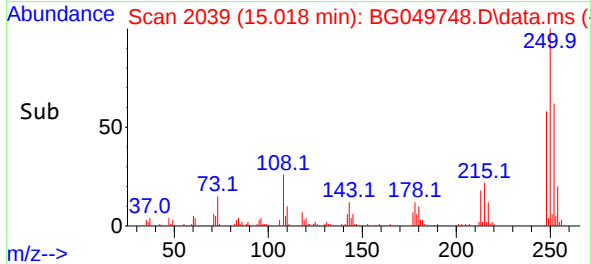




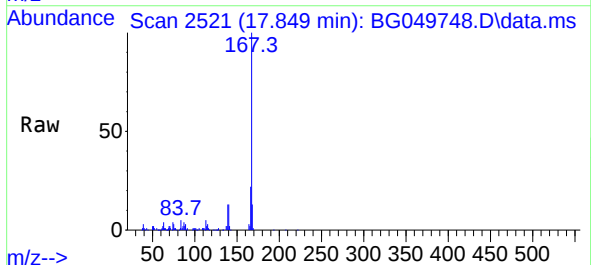
#76
Pentachlorobenzene
Concen: 20.552 ng/uL
RT: 15.018 min Scan# 2039
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



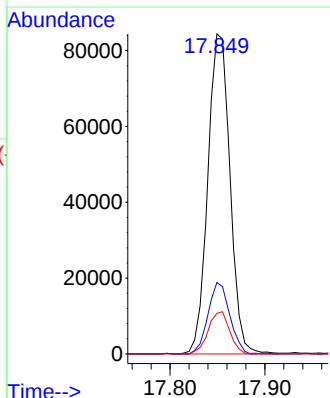
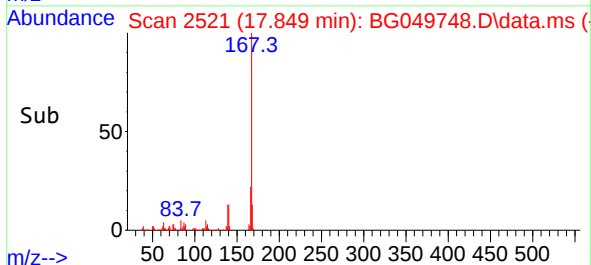
Tgt Ion:250 Resp: 49432
Ion Ratio Lower Upper
250 100
248 58.1 53.3 79.9
252 62.3 50.9 76.3



#77
Carbazole
Concen: 18.656 ng/uL
RT: 17.849 min Scan# 2521
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



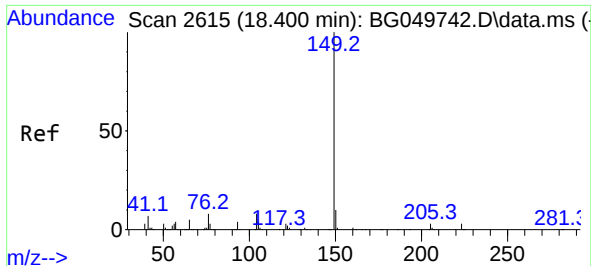
Tgt Ion:167 Resp: 137051
Ion Ratio Lower Upper
167 100
166 22.4 17.3 25.9
139 12.7 10.4 15.6



Instrument :
BNA_G
ClientSampled :
JCE05MSD

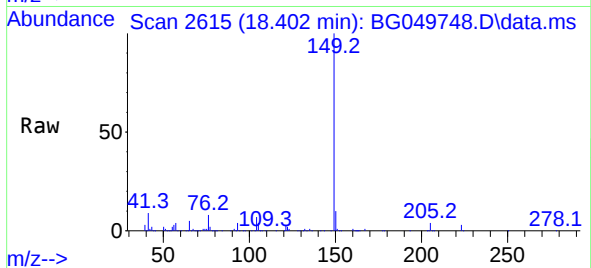
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#78
Di-n-butylphthalate
Concen: 18.519 ng/ul
RT: 18.402 min Scan# 2615
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

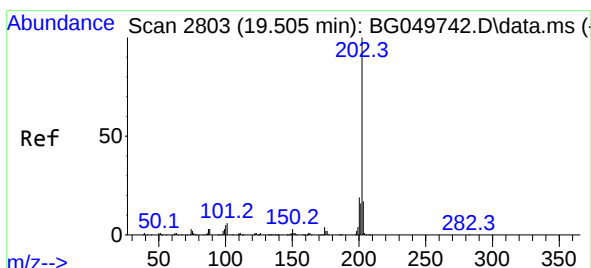
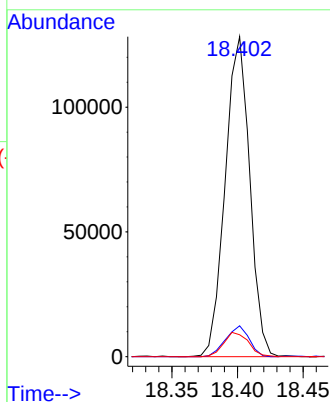
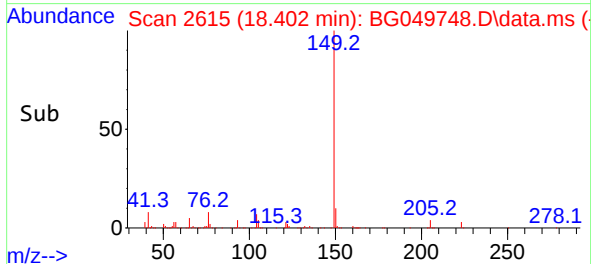
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



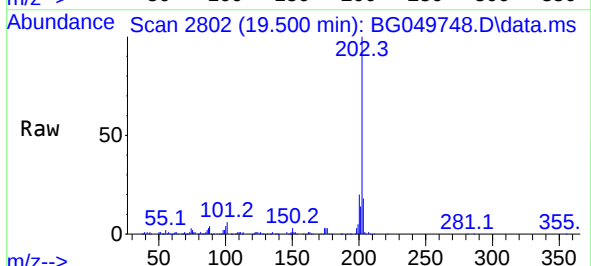
Tgt Ion:149 Resp: 166335
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 6.9 5.8 8.8

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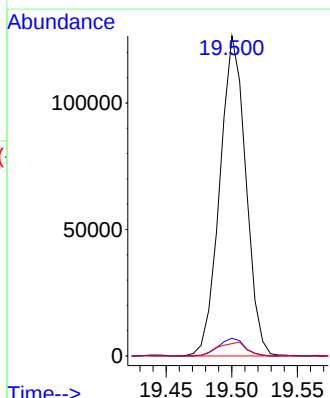
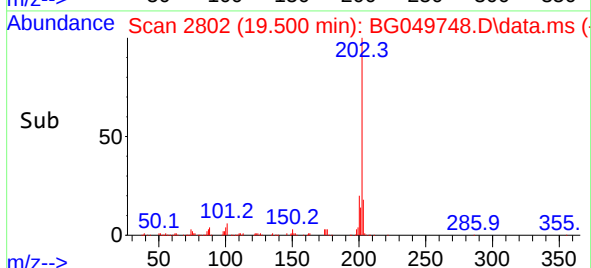
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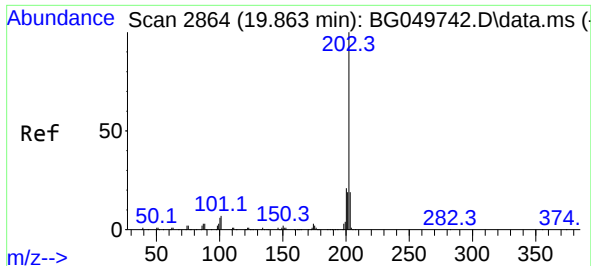


#80
Fluoranthene
Concen: 18.860 ng/ul
RT: 19.500 min Scan# 2802
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



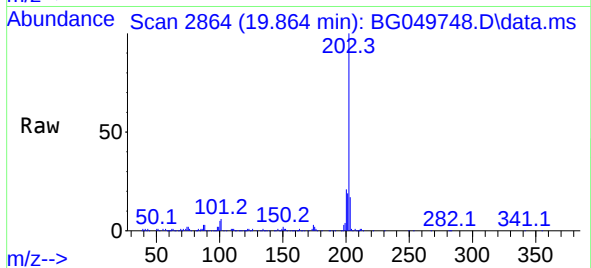
Tgt Ion:202 Resp: 174136
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 3.8 3.9 5.9#





#82
Pyrene
Concen: 19.032 ng/ul
RT: 19.864 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

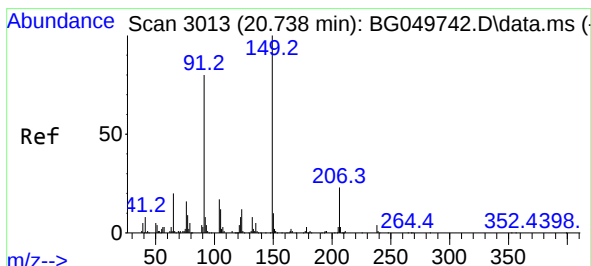
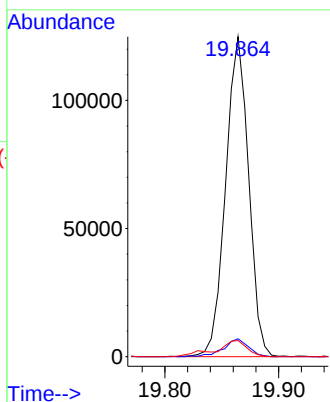
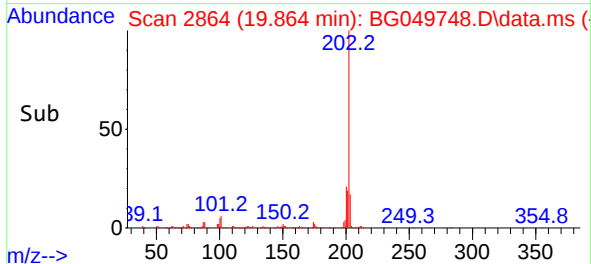
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



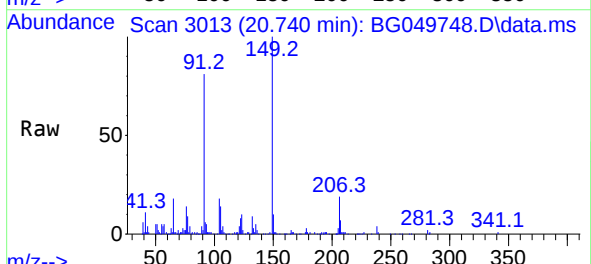
Tgt Ion:202 Resp: 175267
Ion Ratio Lower Upper
202 100
101 5.6 5.2 7.8
100 5.1 4.8 7.2

Manual Integrations
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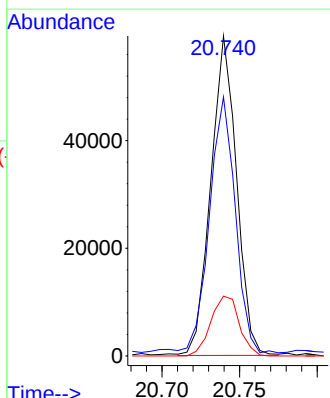
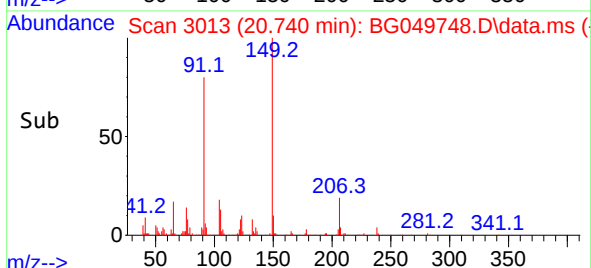
mohammad
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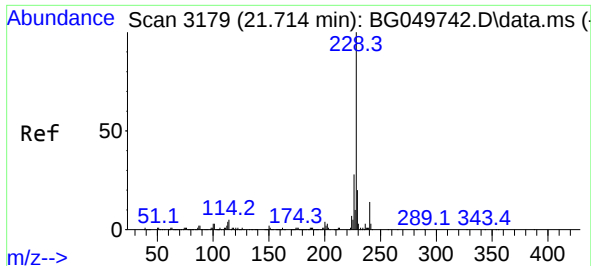


#83
Butylbenzylphthalate
Concen: 19.521 ng/ul
RT: 20.740 min Scan# 3013
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



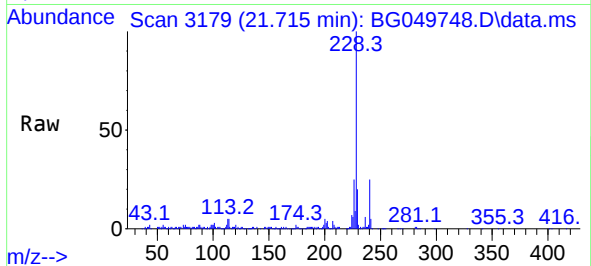
Tgt Ion:149 Resp: 68512
Ion Ratio Lower Upper
149 100
91 80.9 63.1 94.7
206 18.7 17.0 25.4





#85
Benzo(a)anthracene
Concen: 18.249 ng/ul
RT: 21.715 min Scan# 3179
Delta R.T. 0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

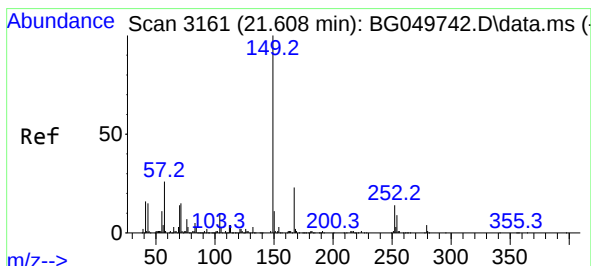
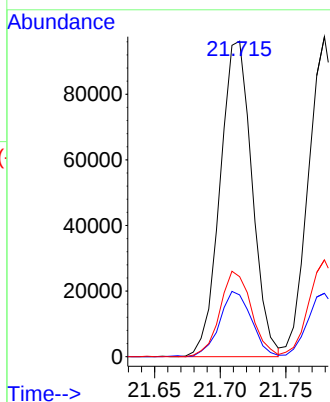
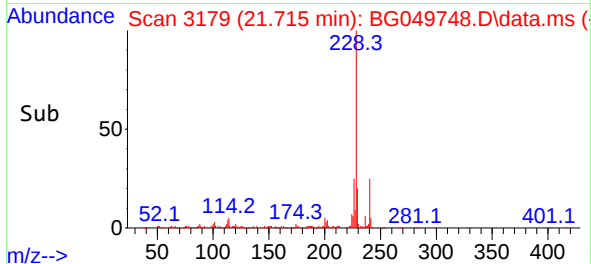
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



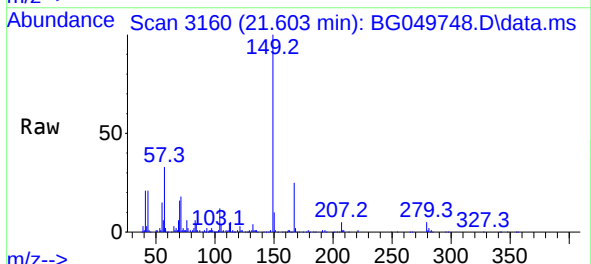
Tgt Ion:228 Resp: 162693
Ion Ratio Lower Upper
228 100
229 19.6 15.3 22.9
226 25.4 21.0 31.6

Manual Integrations
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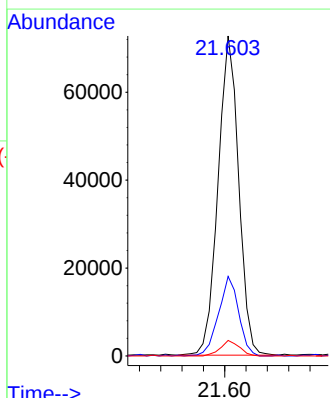
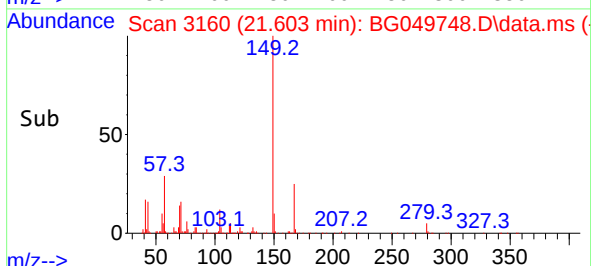
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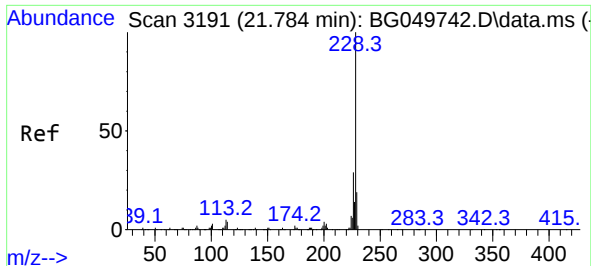


#86
Bis(2-ethylhexyl)phthalate
Concen: 18.916 ng/ul
RT: 21.603 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



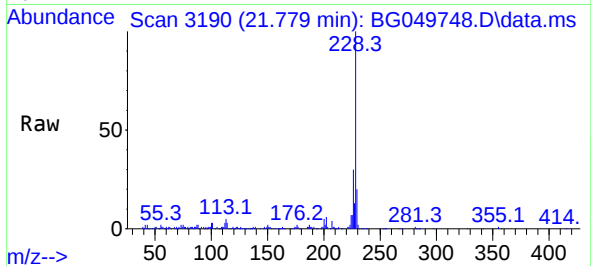
Tgt Ion:149 Resp: 97244
Ion Ratio Lower Upper
149 100
167 24.9 19.9 29.9
279 4.8 3.6 5.4





#87
Chrysene
Concen: 18.877 ng/ul
RT: 21.779 min Scan# 3190
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

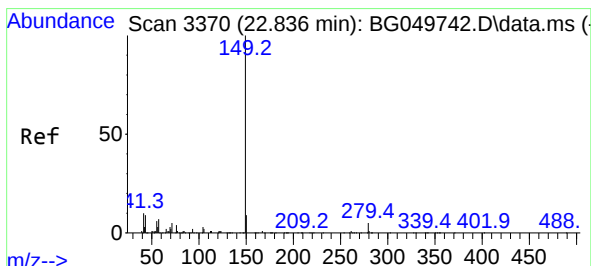
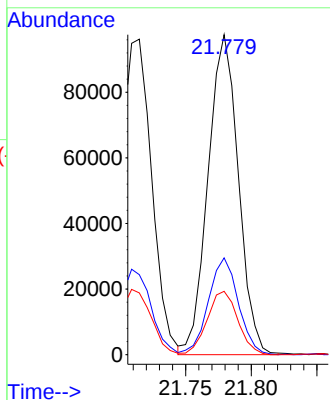
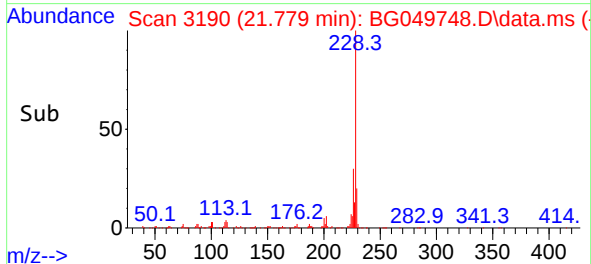
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



Tgt Ion:228 Resp: 157177
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 19.8 15.4 23.2

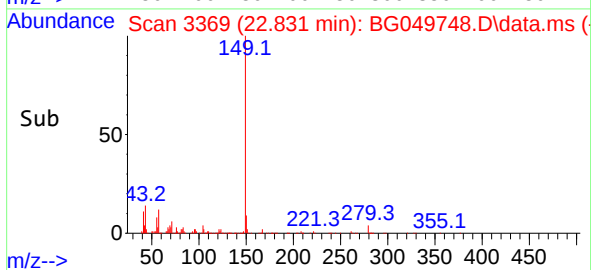
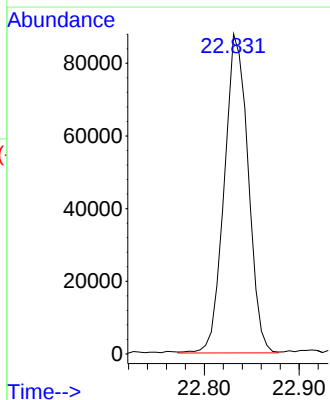
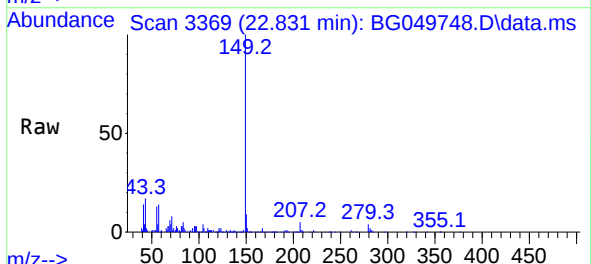
Manual Integrations
APPROVED

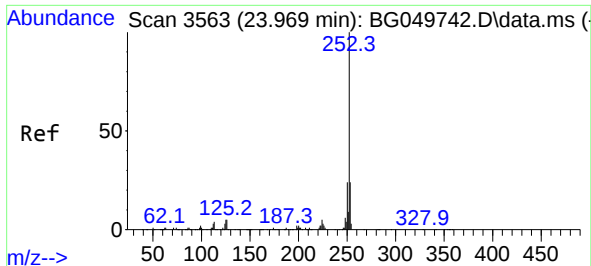
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#89
Di-n-octyl phthalate
Concen: 18.252 ng/ul
RT: 22.831 min Scan# 3369
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

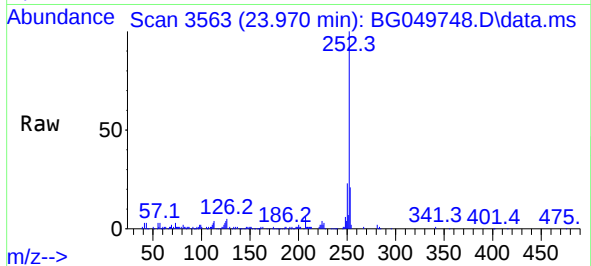
Tgt Ion:149 Resp: 153552





#90
Benzo(b)fluoranthene
Concen: 19.408 ng/ul
RT: 23.970 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

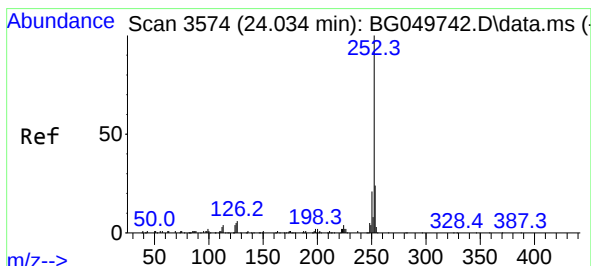
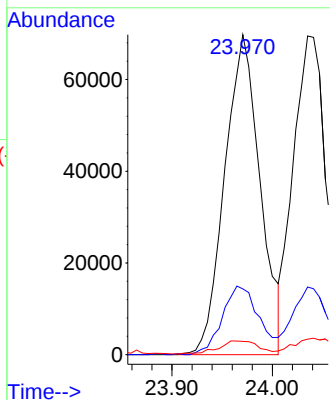
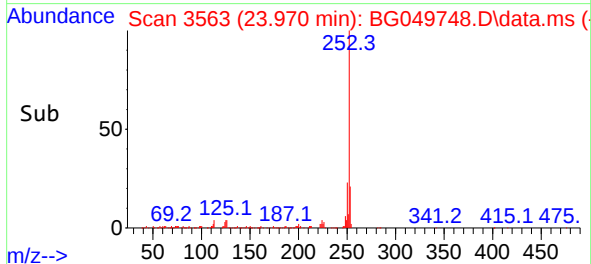
Instrument :
BNA_G
ClientSampled :
JCE05MSD



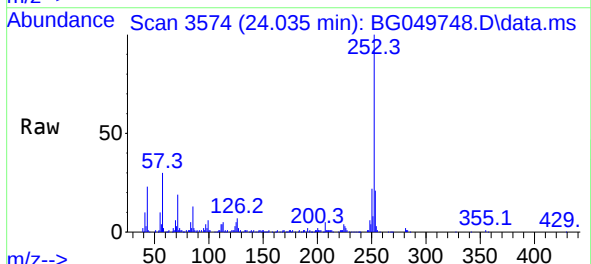
Tgt Ion:252 Resp: 171089
Ion Ratio Lower Upper
252 100
253 20.5 17.4 26.2
125 4.2 3.7 5.5

Manual Integrations
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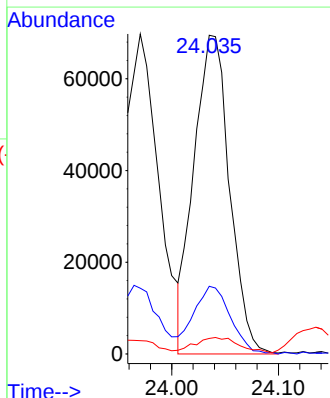
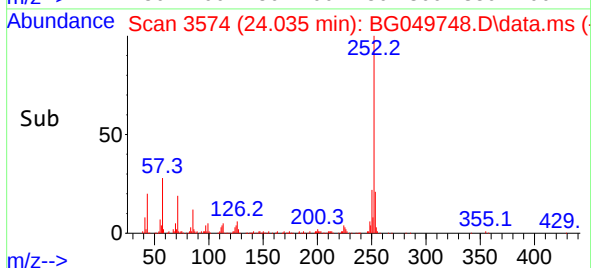
mohammad
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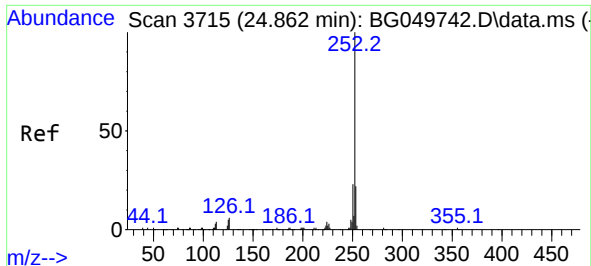


#91
Benzo(k)fluoranthene
Concen: 18.468 ng/ul
RT: 24.035 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



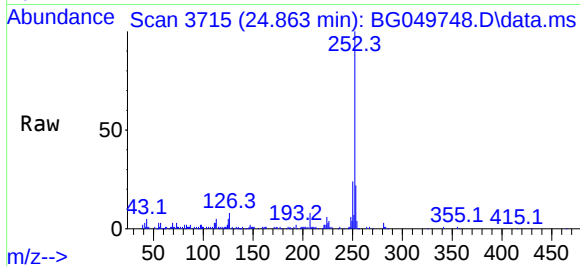
Tgt Ion:252 Resp: 161656
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 4.9 3.8 5.8





#93
Benzo(a)pyrene
Concen: 18.119 ng/ul
RT: 24.863 min Scan# 3715
Delta R.T. -0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

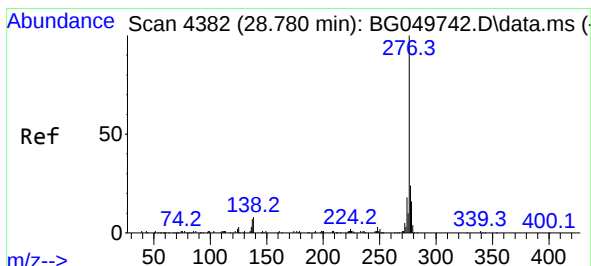
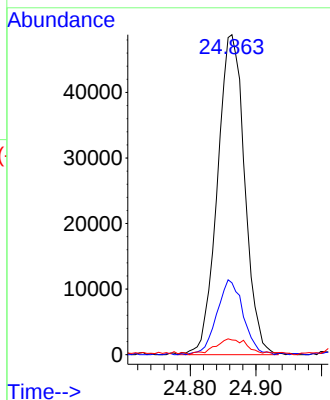
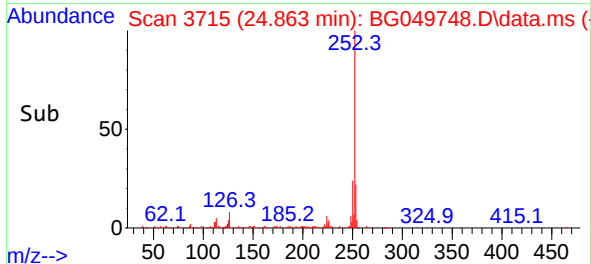
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



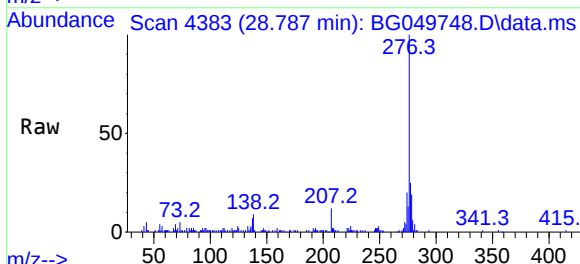
Tgt Ion:252 Resp: 140615
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 4.6 4.6 7.0#

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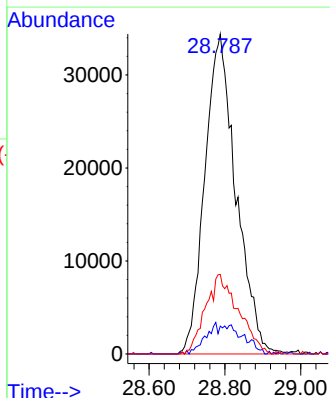
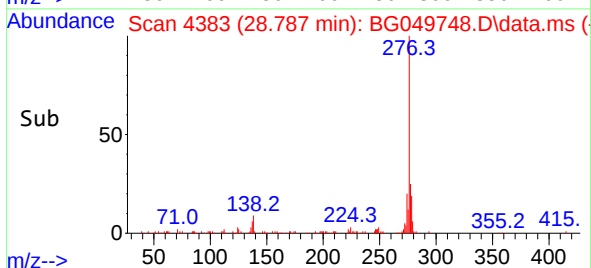
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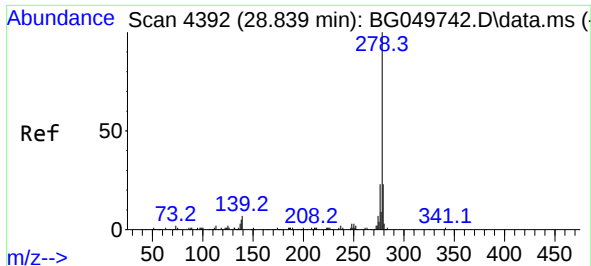


#94
Indeno(1,2,3-cd)pyrene
Concen: 19.228 ng/ul
RT: 28.787 min Scan# 4383
Delta R.T. 0.021 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22

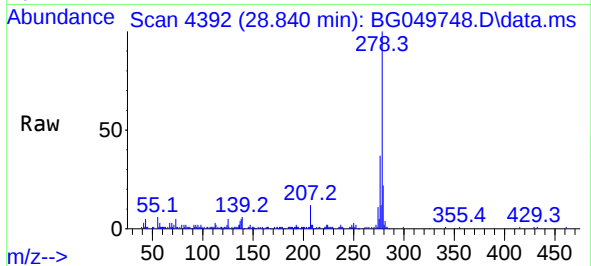


Tgt Ion:276 Resp: 195829
Ion Ratio Lower Upper
276 100
138 8.7 6.6 10.0
277 24.8 19.4 29.2

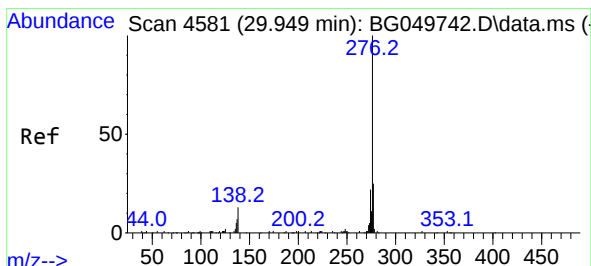
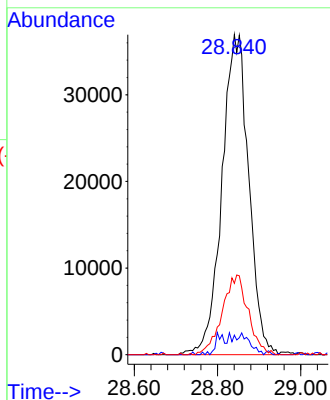
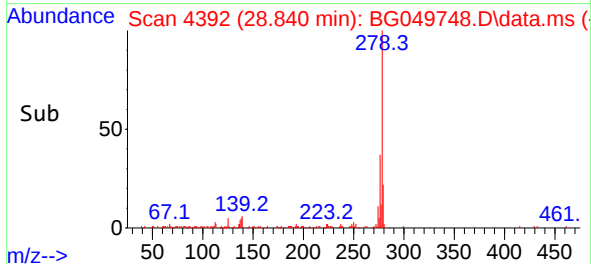




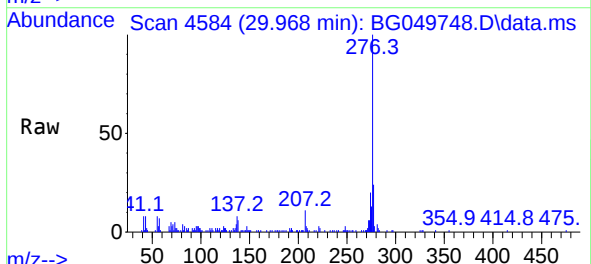
#95
Dibenzo(a,h)anthracene
Concen: 19.436 ng/ul m
RT: 28.840 min Scan# 4392
Delta R.T. 0.003 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



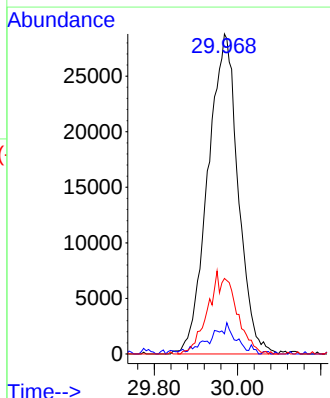
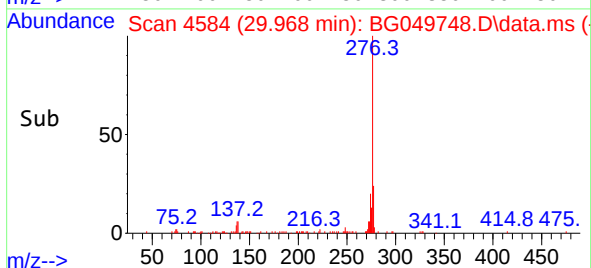
Tgt Ion:278 Resp: 165133
Ion Ratio Lower Upper
278 100
139 6.1 6.3 9.5#
279 22.3 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 17.122 ng/ul
RT: 29.968 min Scan# 4584
Delta R.T. 0.021 min
Lab File: BG049748.D
Acq: 9 Aug 2021 22:22



Tgt Ion:276 Resp: 145008
Ion Ratio Lower Upper
276 100
138 6.3 7.2 10.8#
277 23.6 19.5 29.3



Instrument :
BNA_G
ClientSampleId :
JCE05MSD

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