

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049772.D
 Acq On : 11 Aug 2021 2:03
 Operator : CG/JU
 Sample : M3244-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

Manual Integrations
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 8/11/2021 9:33:39 PM

Quant Time: Aug 11 05:02:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	32300	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.859	136	129556	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.689	164	86197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	162410	20.000	ng/ul	0.00
79) Chrysene-d12	21.721	240	147120	20.000	ng/ul	0.00
88) Perylene-d12	24.999	264	149652	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1583	2.291	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.199	99	39546	13.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	22916	13.610	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	30150	14.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	24443	10.936	ng/ul	0.00
21) Nitrobenzene-d5	9.202	128	16562	16.229	ng/ul	0.00
24) 2-Nitrophenol-d4	9.931	143	19683	16.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	35426	16.120	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	3436	1.142	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	114255	16.891	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	140315	17.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	11253	10.289	ng/ul	0.00
60) Fluorene-d10	15.682	176	100297	17.249	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	16006	14.643	ng/ul	0.00
73) Anthracene-d10	17.538	188	117714	15.355	ng/ul	0.00
81) Pyrene-d10	19.829	212	149463	18.438	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	133287	16.255	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	3401m	4.062	ng/uL	
6) Benzaldehyde	7.164	77	36589m	23.420	ng/ul	
8) Phenol	7.223	94	43295	14.908	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.446	93	29346	14.565	ng/ul	97
12) 2-Chlorophenol	7.599	128	31284	14.910	ng/ul	93
13) 2-Methylphenol	8.486	108	26849	11.807	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.556	45	33572	14.579	ng/ul#	86
16) Acetophenone	8.862	105	59938	16.158	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.838	70	31131	15.610	ng/ul	92
18) 4-Methylphenol	8.815	108	30694	12.920	ng/ul	85
19) Hexachloroethane	9.126	117	15772	16.950	ng/ul#	84
22) Nitrobenzene	9.249	77	49483	16.351	ng/ul	97
23) Isophorone	9.772	82	86200	16.843	ng/ul	98
25) 2-Nitrophenol	9.966	139	20962	17.559	ng/ul#	91
26) 2,4-Dimethylphenol	10.025	107	5488	1.992	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.254	93	43030	16.596	ng/ul	98
29) 2,4-Dichlorophenol	10.506	162	37449	18.016	ng/ul#	93
30) Naphthalene	10.906	128	117046	17.300	ng/ul	99
32) 4-Chloroaniline	11.018	127	5070m	1.761	ng/ul	
33) Hexachlorobutadiene	11.188	225	28711	16.816	ng/ul	88
34) Caprolactam	11.781	113	7794m	11.728	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	41199	17.103	ng/ul	87
36) 2-Methylnaphthalene	12.515	142	89197	17.218	ng/ul	97
37) 1-Methylnaphthalene	12.733	142	87250	17.308	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.880	216	49829	18.613	ng/ul	94
40) Hexachlorocyclopentadiene	12.856	237	15952	10.103	ng/ul	97
41) 2,4,6-Trichlorophenol	13.121	196	33616	19.623	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.203	196	36613	19.918	ng/ul	88
43) 1,1'-Biphenyl	13.520	154	117253	18.261	ng/ul	98
44) 2-Chloronaphthalene	13.561	162	91101	18.124	ng/ul	94
45) 2-Nitroaniline	13.767	65	31534	17.820	ng/ul	90
47) Dimethylphthalate	14.131	163	121673	18.122	ng/ul	100
48) 2,6-Dinitrotoluene	14.260	165	24530	17.888	ng/ul	99
50) Acenaphthylene	14.413	152	133823	17.624	ng/ul	99
51) 3-Nitroaniline	14.595	138	8537m	6.993	ng/ul	
52) Acenaphthene	14.754	153	97293	17.939	ng/ul	96
53) 2,4-Dinitrophenol	14.812	184	10643	14.087	ng/ul	86
55) 4-Nitrophenol	14.912	109	19569	13.682	ng/ul	90
56) Dibenzofuran	15.088	168	135384	17.994	ng/ul	96
57) 2,4-Dinitrotoluene	15.053	165	34190	17.285	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.318	232	29996	19.803	ng/ul#	94
59) Diethylphthalate	15.494	149	121256	17.912	ng/ul#	94
61) Fluorene	15.735	166	110459	18.054	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.723	204	59663	17.911	ng/ul	98
63) 4-Nitroaniline	15.752	138	10048	8.803	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.823	198	15975	15.596	ng/ul	91
67) N-Nitrosodiphenylamine	15.940	169	81278	18.158	ng/ul	89
68) 4-Bromophenyl-phenylether	16.622	248	38943	20.614	ng/ul	97
69) Hexachlorobenzene	16.751	284	43264	20.230	ng/ul	98
70) Atrazine	16.892	200	33538	17.032	ng/ul	91
71) Pentachlorophenol	17.098	266	21313	20.809	ng/ul	92
72) Phenanthrene	17.485	178	161764	18.818	ng/ul	99
74) Anthracene	17.573	178	140052	16.287	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.491	216	49994	20.957	ng/uL	97
76) Pentachlorobenzene	15.012	250	53578	21.296	ng/uL	90
77) Carbazole	17.844	167	141690	18.439	ng/ul	96
78) Di-n-butylphthalate	18.390	149	184464	19.635	ng/ul	98
80) Fluoranthene	19.494	202	186492	18.642	ng/ul	99
82) Pyrene	19.858	202	183590	18.400	ng/ul	99
83) Butylbenzylphthalate	20.734	149	75864	19.951	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.638	252	929m	0.267	ng/ul	
85) Benzo(a)anthracene	21.703	228	177920	18.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.591	149	107630	19.323	ng/ul	99
87) Chrysene	21.768	228	173761	19.261	ng/ul	97
89) Di-n-octyl phthalate	22.819	149	176233	18.879	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	187521m	19.171	ng/ul	
91) Benzo(k)fluoranthene	24.023	252	183948	18.940	ng/ul	99
93) Benzo(a)pyrene	24.846	252	153756	17.856	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.746	276	216282	19.140	ng/ul	98
95) Dibenzo(a,h)anthracene	28.823	278	185373	19.664	ng/ul#	98
96) Benzo(g,h,i)perylene	29.939	276	165256	17.586	ng/ul	94

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

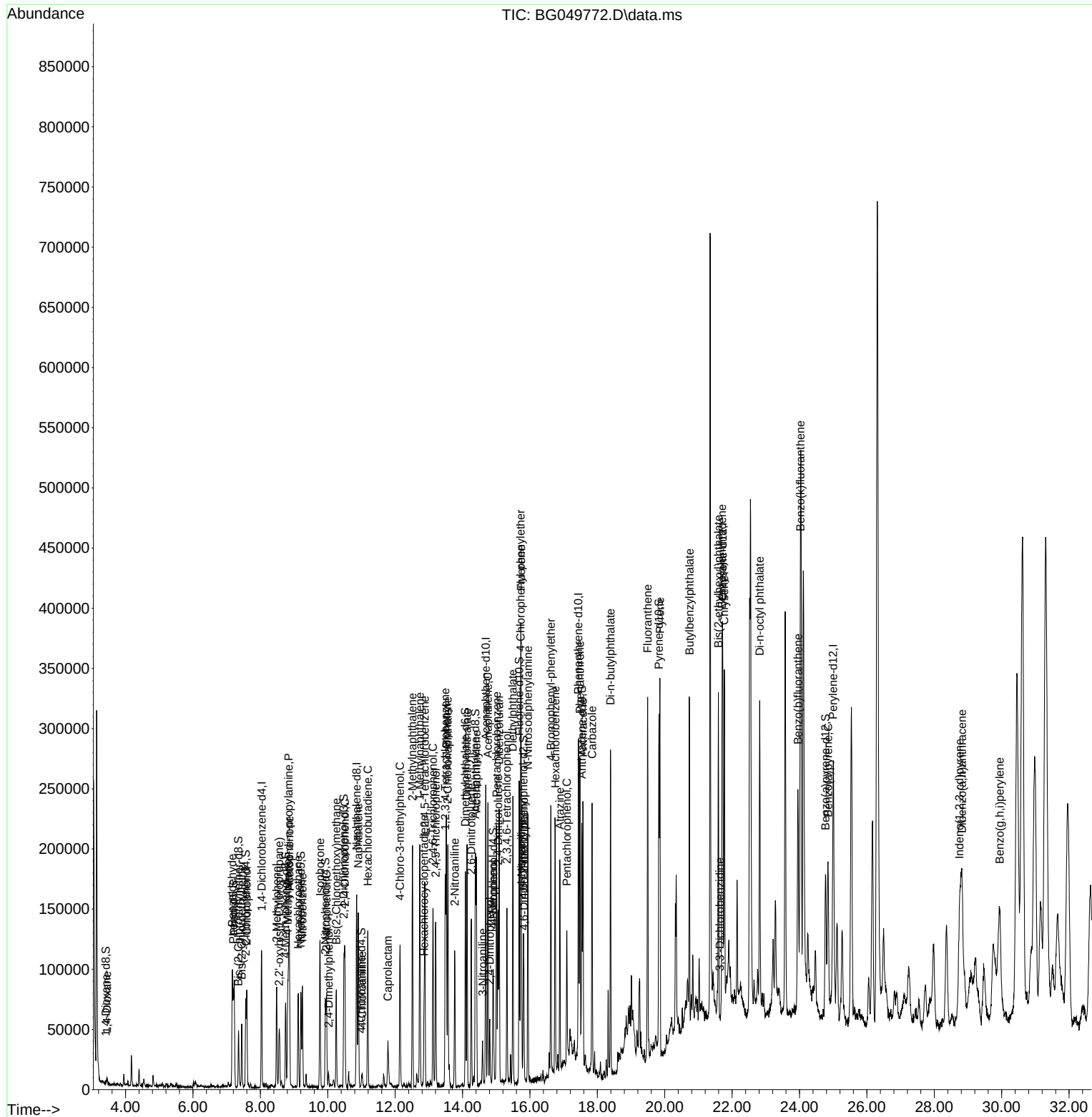
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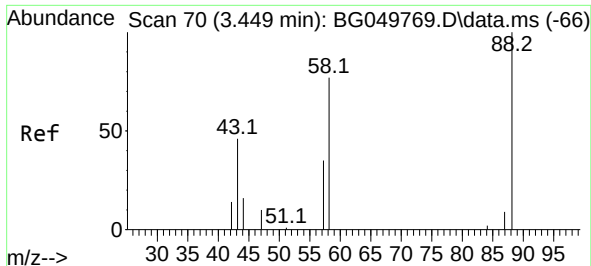
Instrument :
 BNA_G
 ClientSampled :
 JCE05MSD

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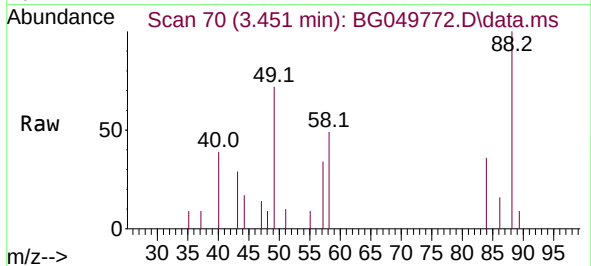
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#2
1,4-Dioxane
Concen: 4.062 ng/uL m
RT: 3.451 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

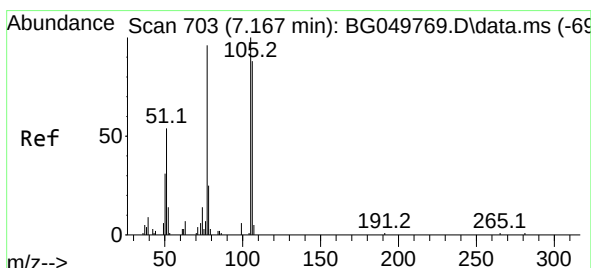
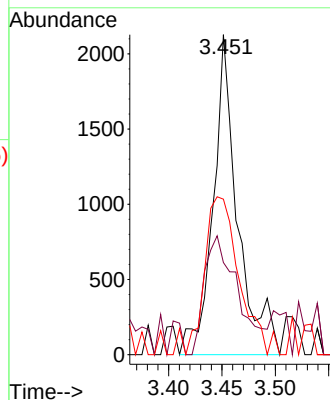
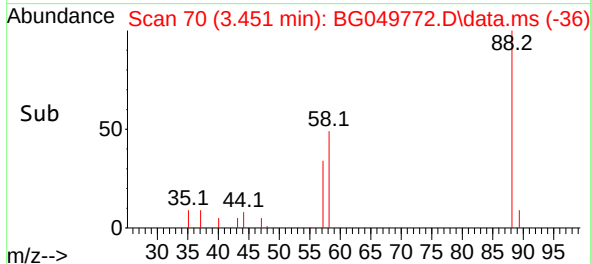
Instrument :
BNA_G
ClientSampled :
JCE05MSD



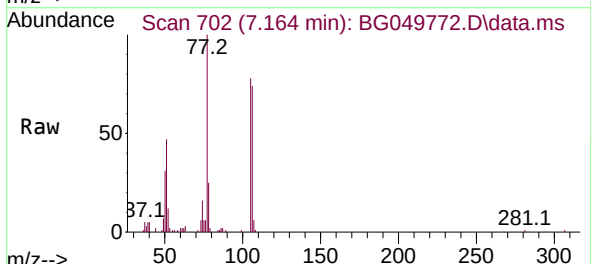
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.8	29.4	44.2#
58	48.6	45.9	68.9

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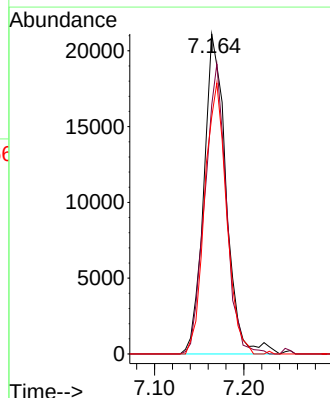
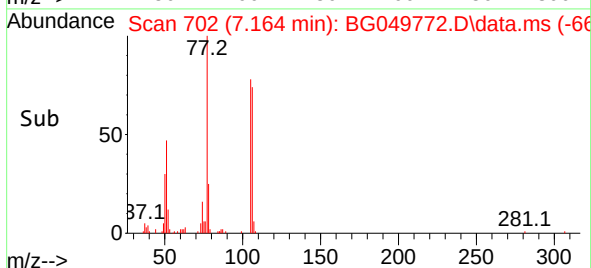
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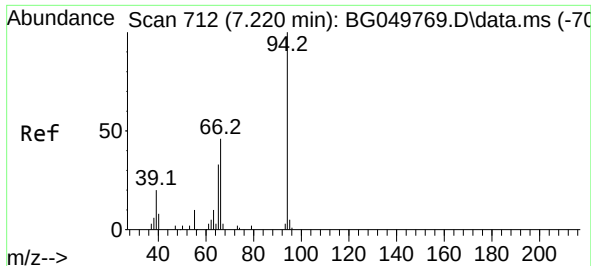


#6
Benzaldehyde
Concen: 23.420 ng/uL m
RT: 7.164 min Scan# 702
Delta R.T. -0.009 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

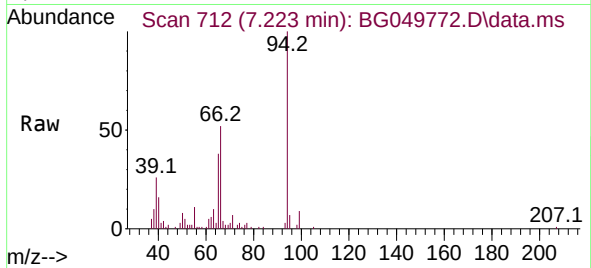


Tgt Ion	Ratio	Lower	Upper
77	100		
105	77.8	83.3	124.9#
106	74.1	81.0	121.4#

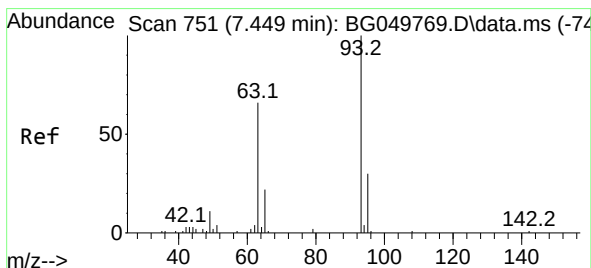
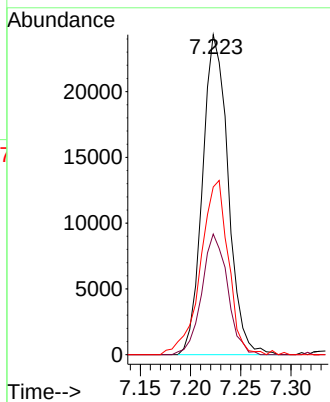
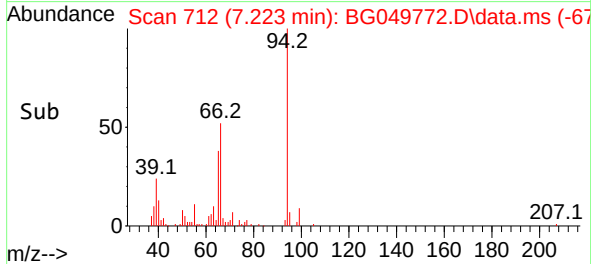




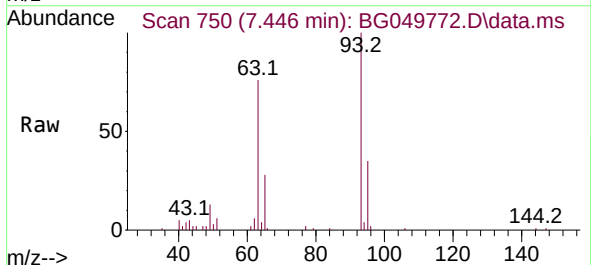
#8
Phenol
Concen: 14.908 ng/ul
RT: 7.223 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



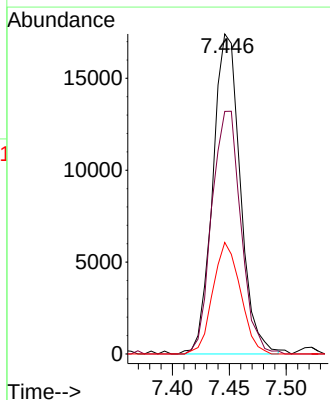
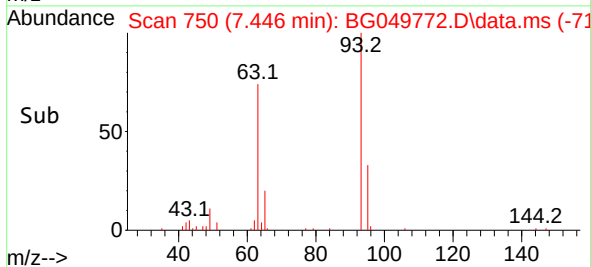
Tgt Ion: 94 Resp: 43295
Ion Ratio Lower Upper
94 100
65 37.7 24.7 37.1#
66 52.4 43.7 65.5



#10
Bis(2-Chloroethyl)ether
Concen: 14.565 ng/ul
RT: 7.446 min Scan# 750
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



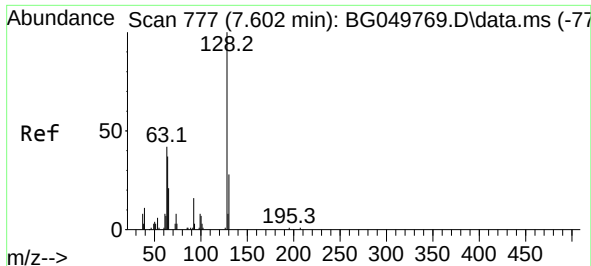
Tgt Ion: 93 Resp: 29346
Ion Ratio Lower Upper
93 100
63 75.8 60.0 90.0
95 34.9 24.2 36.2



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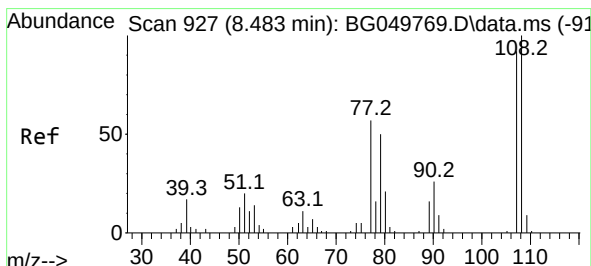
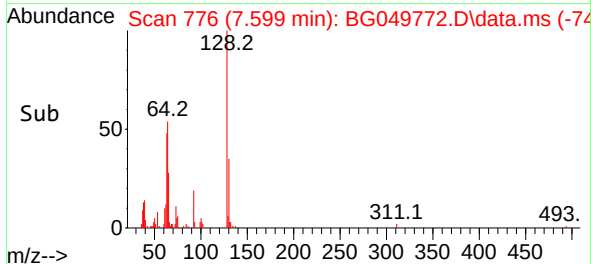
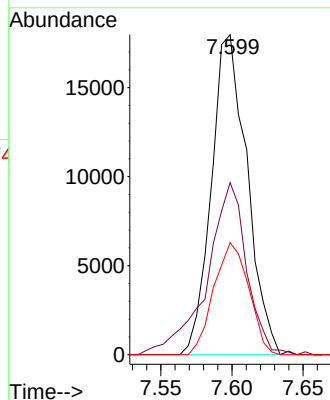
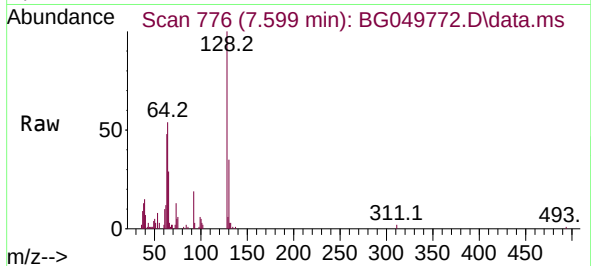
#12
2-Chlorophenol
Concen: 14.910 ng/ul
RT: 7.599 min Scan# 776
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	128	Resp:	31284
Ion Ratio	Lower	Upper	
128	100		
64	53.8	39.9	59.9
130	35.0	23.8	35.6

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

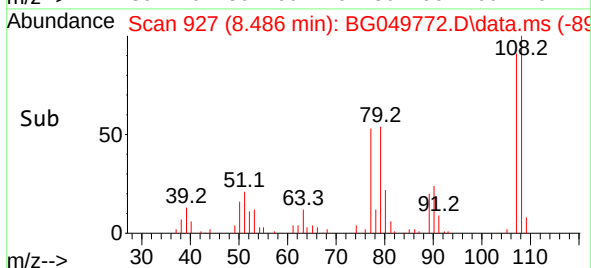
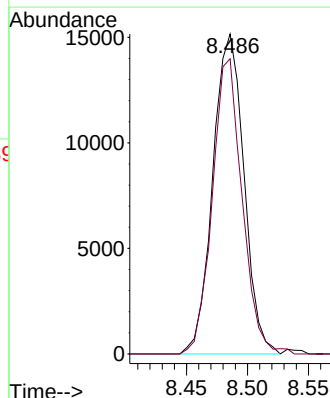
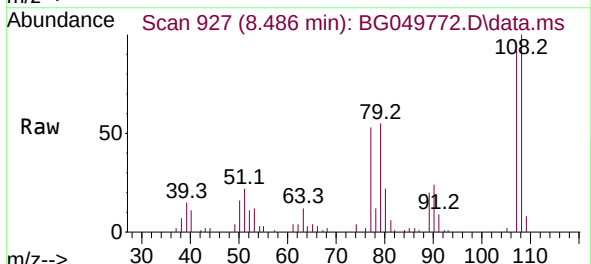
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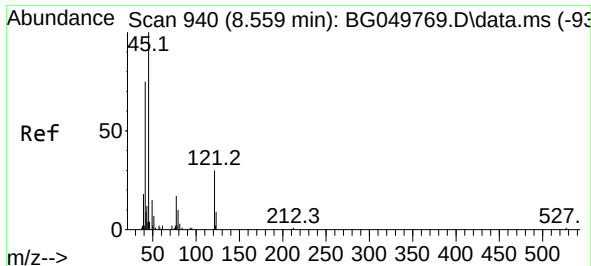
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#13
2-Methylphenol
Concen: 11.807 ng/ul
RT: 8.486 min Scan# 927
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

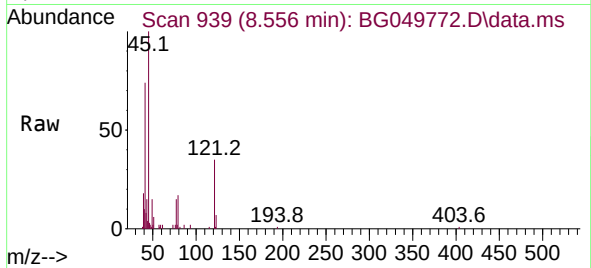
Tgt Ion:	108	Resp:	26849
Ion Ratio	Lower	Upper	
108	100		
107	92.2	74.6	111.8





#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.579 ng/ul
RT: 8.556 min Scan# 939
Delta R.T. -0.003 min
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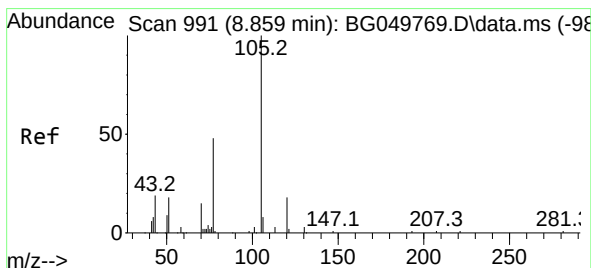
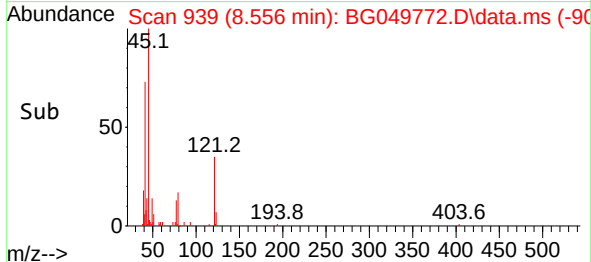
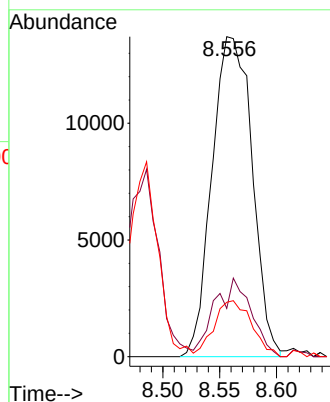
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	20.5	30.7#
79	17.0	12.3	18.5

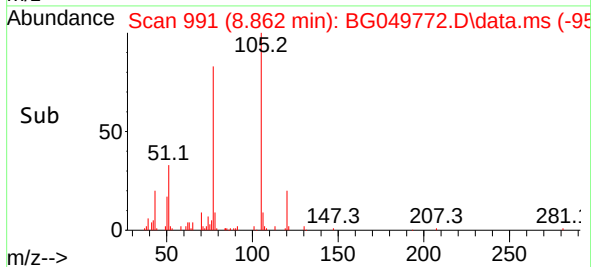
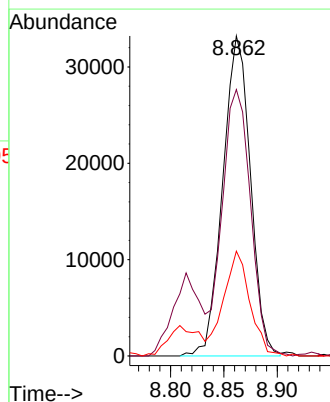
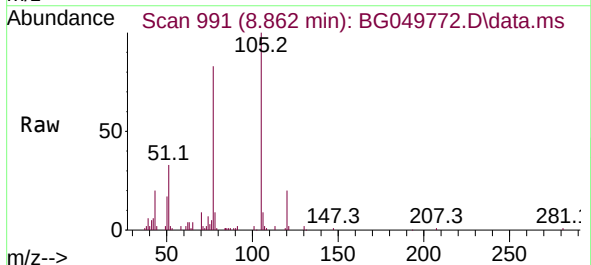
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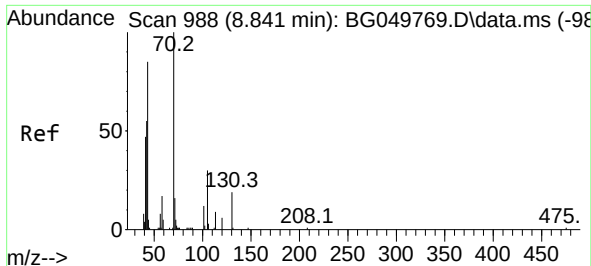
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#16
Acetophenone
Concen: 16.158 ng/ul
RT: 8.862 min Scan# 991
Delta R.T. -0.003 min
Lab File: BG049772.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.2	70.4	105.6
51	32.8	25.1	37.7





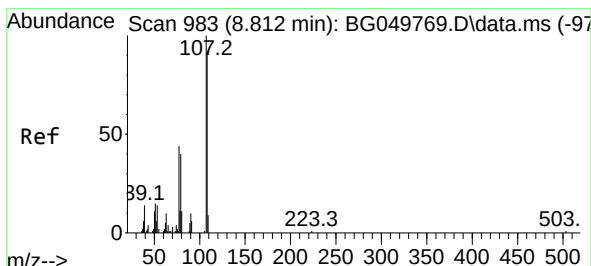
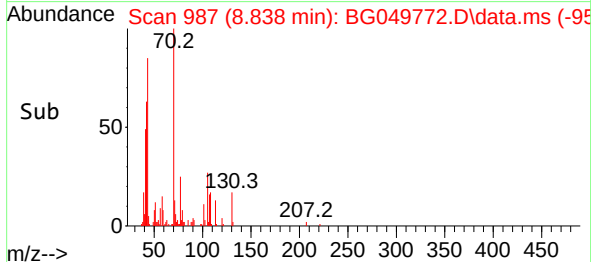
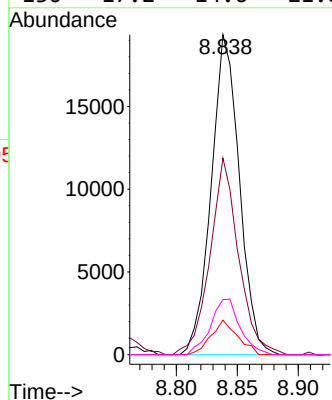
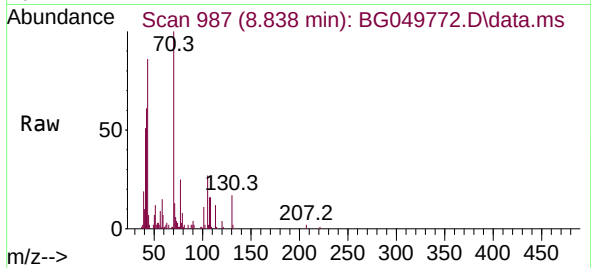
#17
N-Nitroso-di-n-propylamine
Concen: 15.610 ng/ul
RT: 8.838 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion: 70	Resp: 31131
Ion Ratio	Lower Upper
70 100	
42 61.5	43.1 64.7
101 10.8	8.3 12.5
130 17.2	14.6 21.8

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

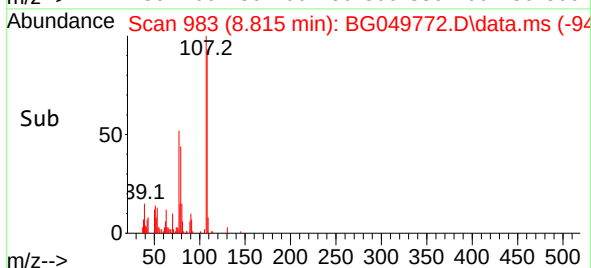
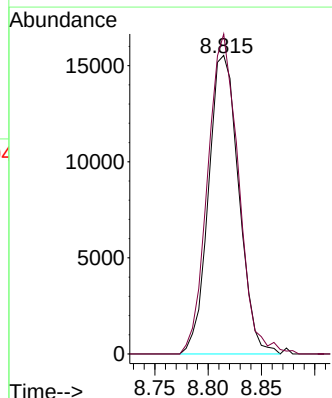
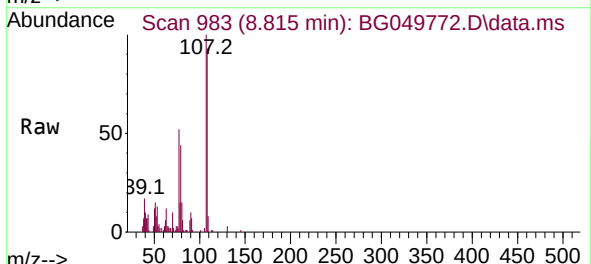
Manual Integrations
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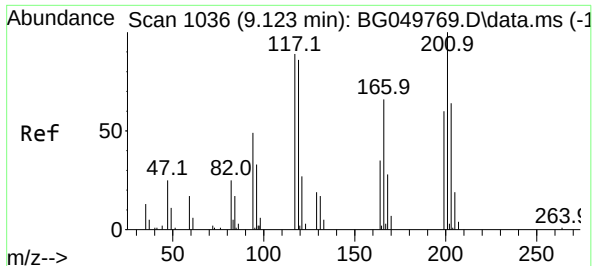
mohammad
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#18
4-Methylphenol
Concen: 12.920 ng/ul
RT: 8.815 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion: 108	Resp: 30694
Ion Ratio	Lower Upper
108 100	
107 107.2	99.7 149.5





#19

Hexachloroethane

Concen: 16.950 ng/ul

RT: 9.126 min Scan# 1036

Delta R.T. 0.003 min

Lab File: BG049772.D

Acq: 11 Aug 2021 2:03

Tgt Ion:	117	Resp:	15772
Ion Ratio	Lower	Upper	
117	100		
201	89.4	79.3	118.9
199	55.4	60.0	90.0#

Instrument :

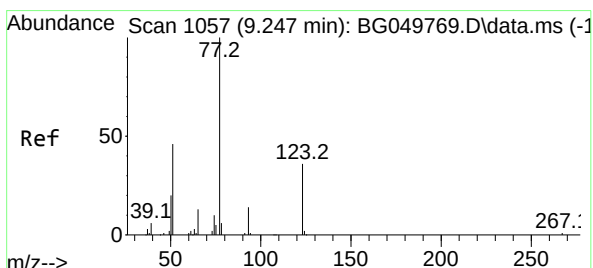
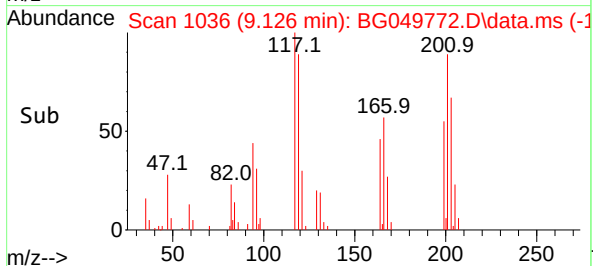
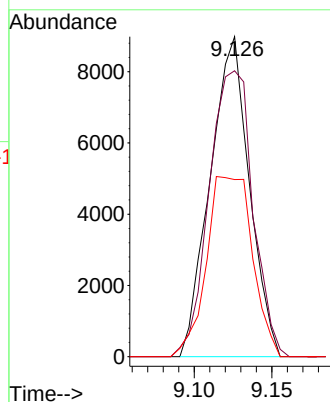
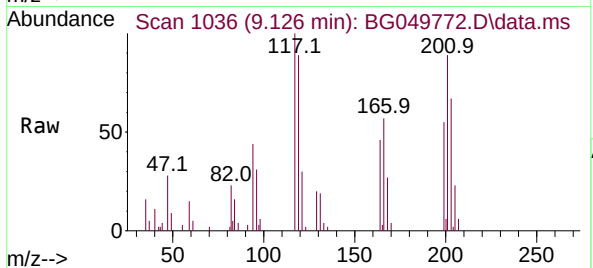
BNA_G

ClientSampleId :

JCE05MSD

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#22

Nitrobenzene

Concen: 16.351 ng/ul

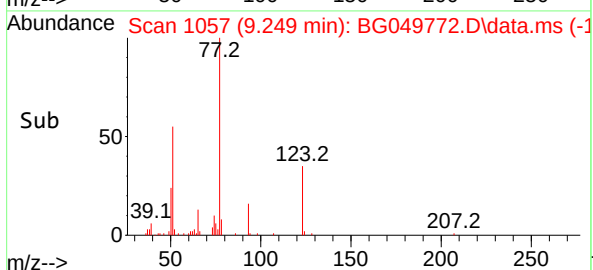
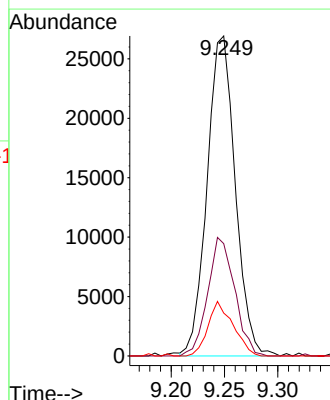
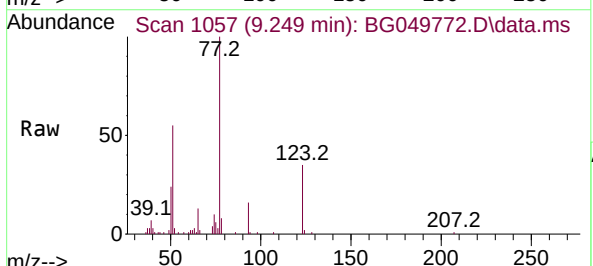
RT: 9.249 min Scan# 1057

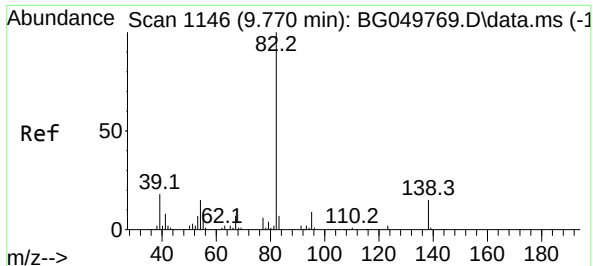
Delta R.T. 0.003 min

Lab File: BG049772.D

Acq: 11 Aug 2021 2:03

Tgt Ion:	77	Resp:	49483
Ion Ratio	Lower	Upper	
77	100		
123	35.1	29.8	44.8
65	13.4	11.0	16.4





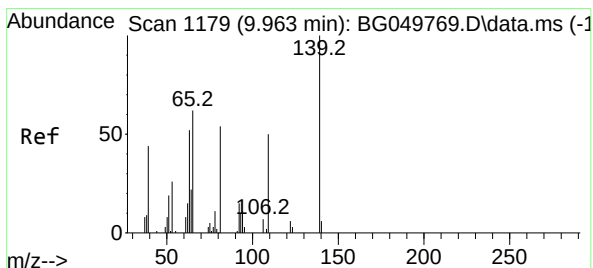
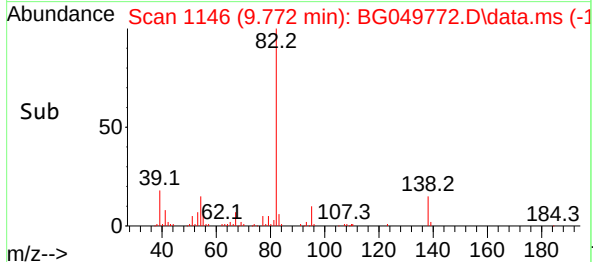
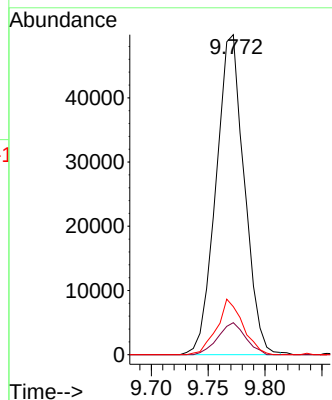
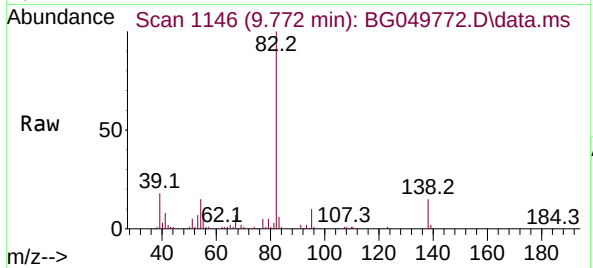
#23
Isophorone
Concen: 16.843 ng/ul
RT: 9.772 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	82	Resp:	86200
Ion Ratio	Lower	Upper	
82	100		
95	10.0	8.9	13.3
138	15.0	11.8	17.8

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

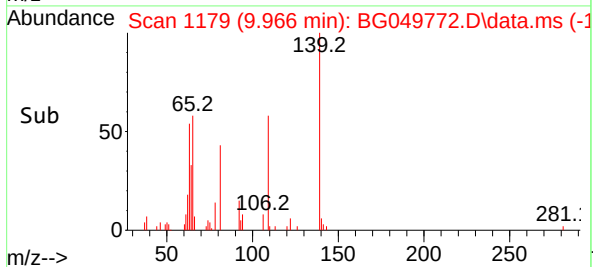
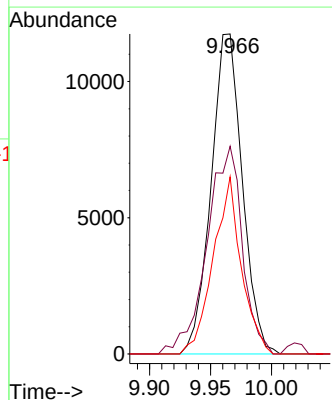
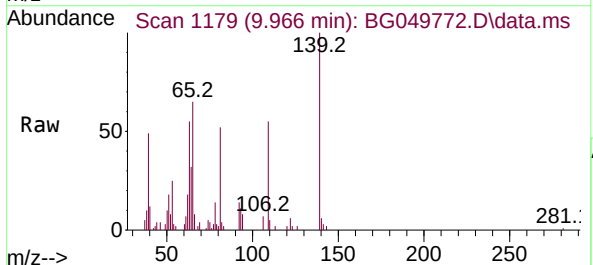
Manual Integrations
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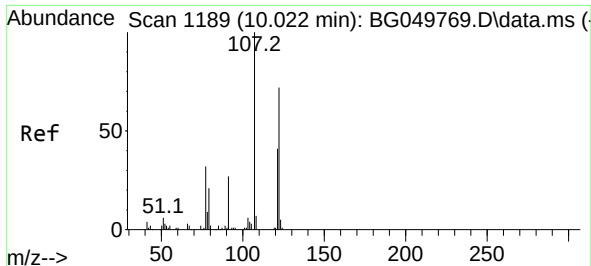
mohammad
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#25
2-Nitrophenol
Concen: 17.559 ng/ul
RT: 9.966 min Scan# 1179
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	139	Resp:	20962
Ion Ratio	Lower	Upper	
139	100		
65	64.9	51.9	77.9
109	55.4	32.8	49.2





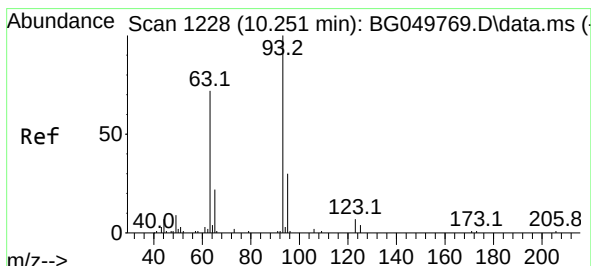
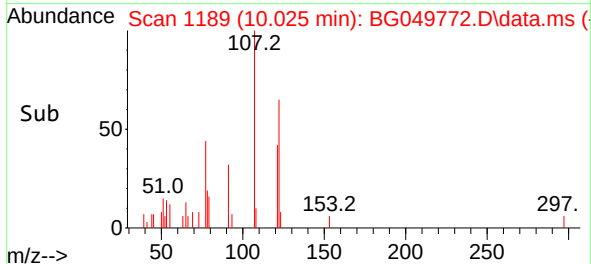
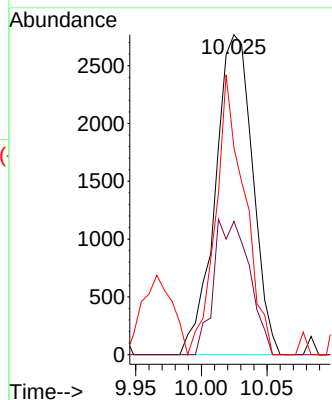
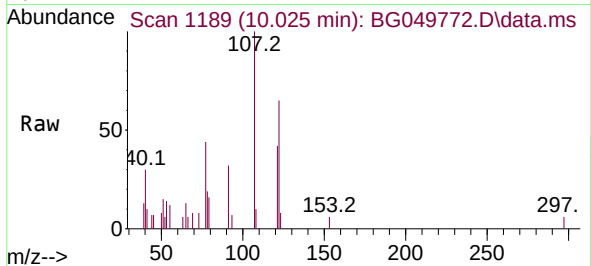
#26
2,4-Dimethylphenol
Concen: 1.992 ng/ul
RT: 10.025 min Scan# 1189
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	107	Resp:	5488
Ion Ratio	Lower	Upper	
107	100		
121	41.7	36.0	54.0
122	64.7	58.2	87.2

Instrument :
BNA_G
ClientSampled :
JCE05MSD

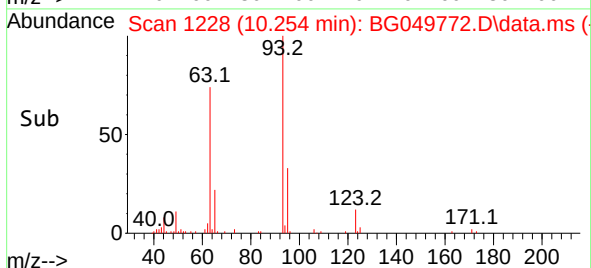
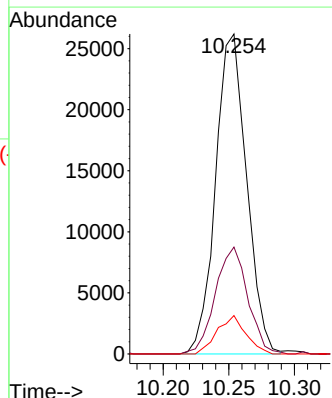
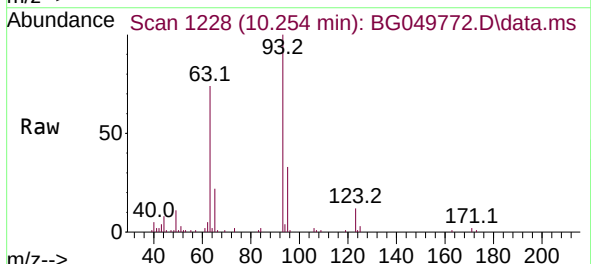
Manual Integrations
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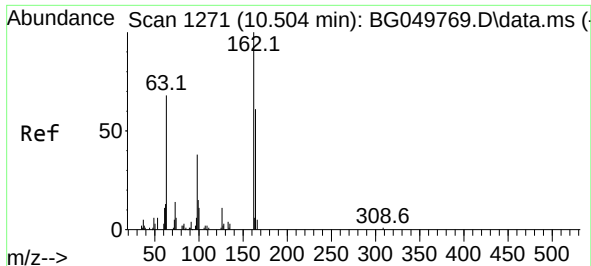
mohammad
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#27
Bis(2-Chloroethoxy)methane
Concen: 16.596 ng/ul
RT: 10.254 min Scan# 1228
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	93	Resp:	43030
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.7	41.5
123	12.0	8.6	12.8





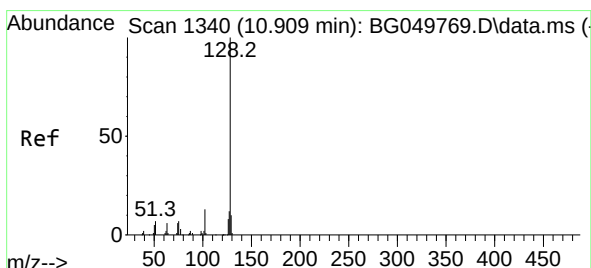
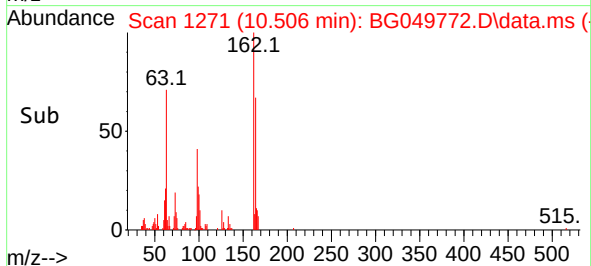
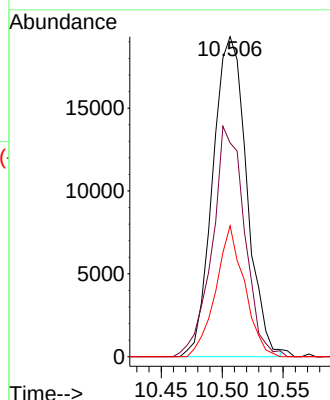
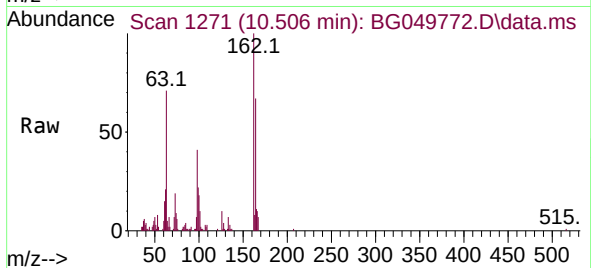
#29
2,4-Dichlorophenol
Concen: 18.016 ng/ul
RT: 10.506 min Scan# 1271
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	54.6	81.8
98	40.9	25.1	37.7

Instrument :
BNA_G
ClientSampled :
JCE05MSD

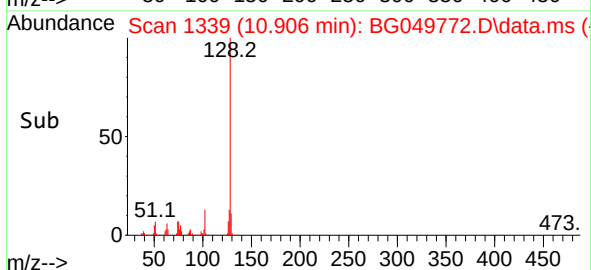
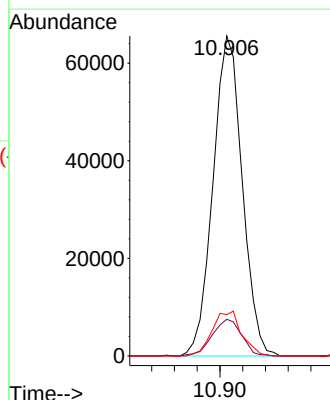
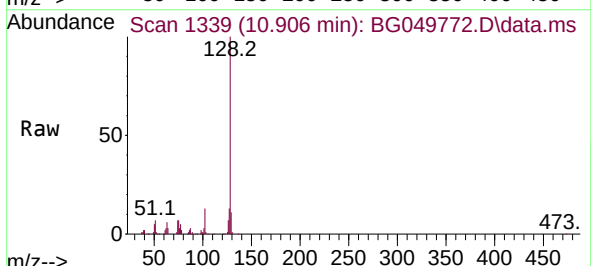
Manual Integrations
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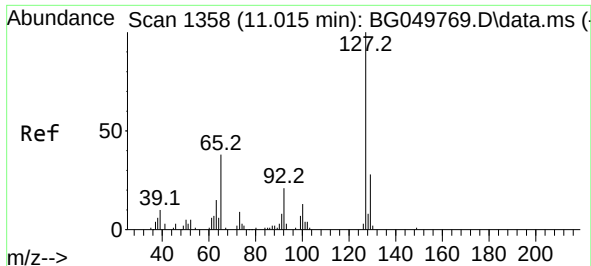
mohammad
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#30
Naphthalene
Concen: 17.300 ng/ul
RT: 10.906 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	12.9	10.6	16.0





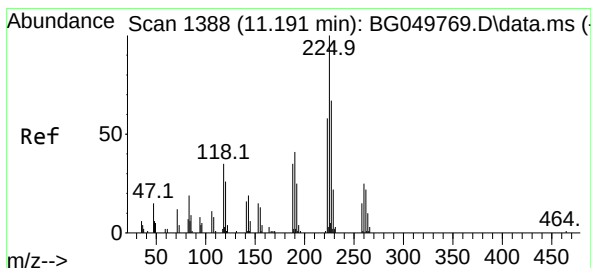
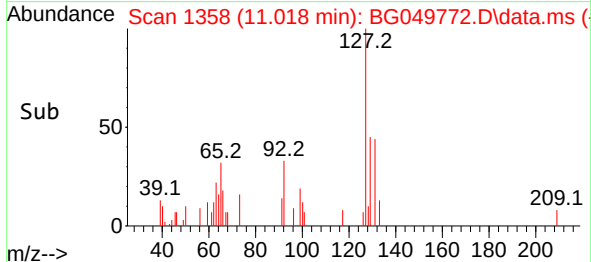
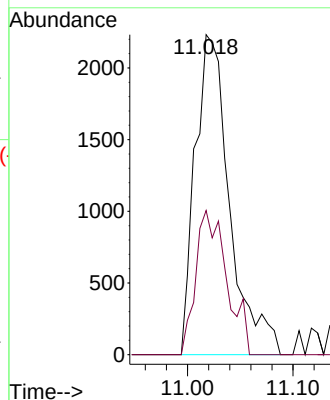
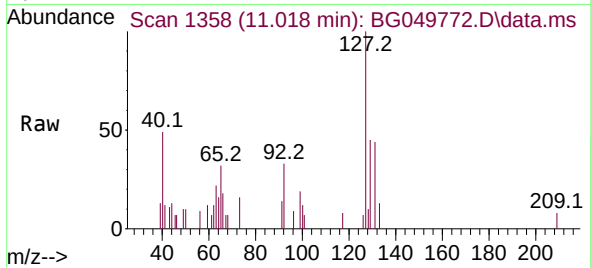
#32
4-Chloroaniline
Concen: 1.761 ng/ul m
RT: 11.018 min Scan# 1358
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:127 Resp: 5070
Ion Ratio Lower Upper
127 100
129 45.0 28.1 42.1#

Instrument :
BNA_G
ClientSampled :
JCE05MSD

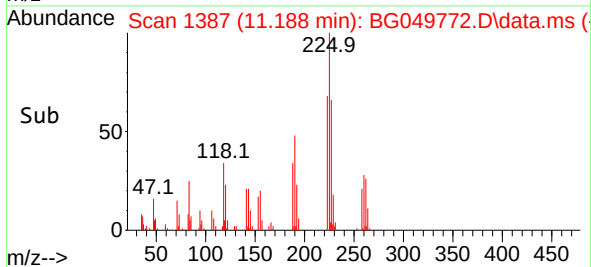
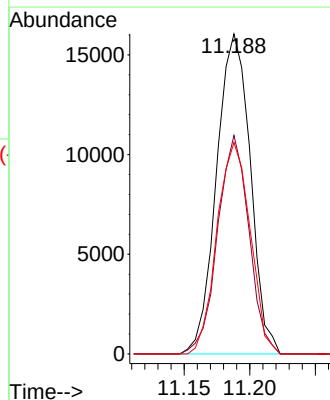
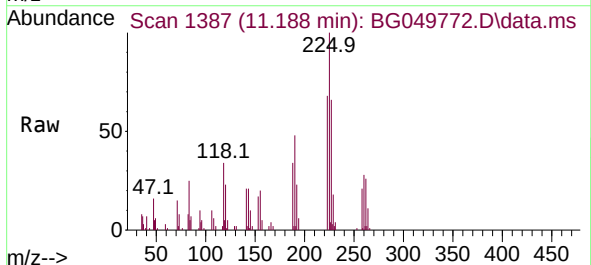
Manual Integrations
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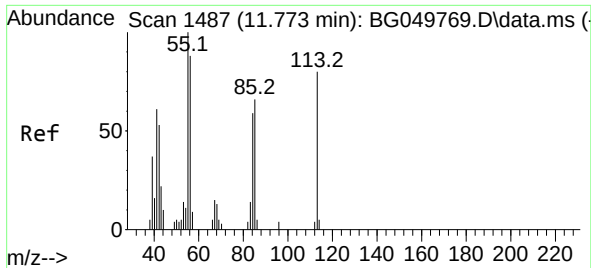
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#33
Hexachlorobutadiene
Concen: 16.816 ng/ul
RT: 11.188 min Scan# 1387
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:225 Resp: 28711
Ion Ratio Lower Upper
225 100
223 68.3 47.8 71.6
227 66.1 45.2 67.8





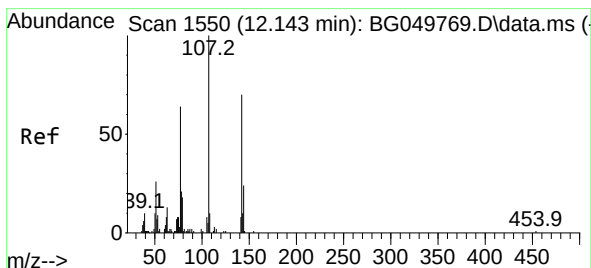
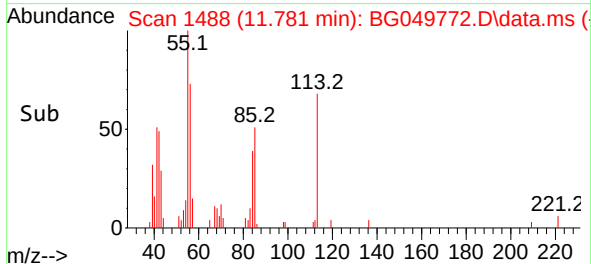
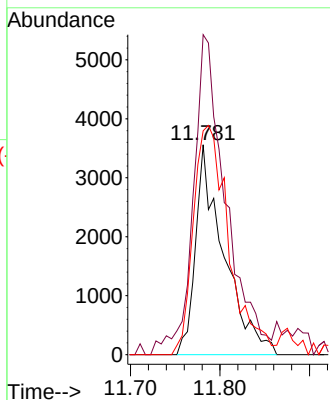
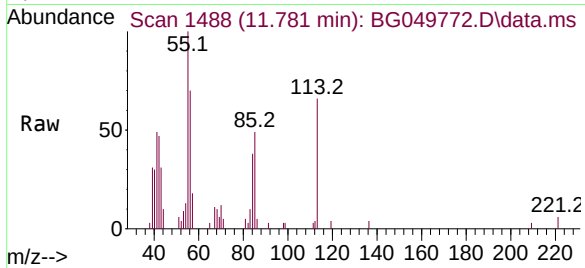
#34
Caprolactam
Concen: 11.728 ng/ul m
RT: 11.781 min Scan# 1488
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:113 Resp: 7794
Ion Ratio Lower Upper
113 100
55 152.5 131.1 196.7
56 106.6 100.2 150.2

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

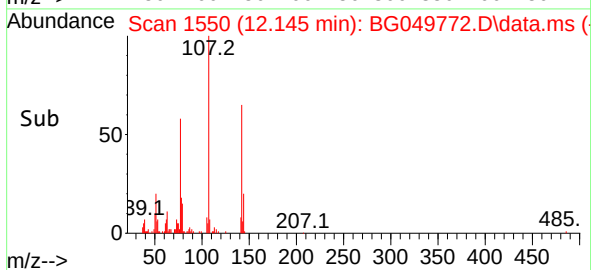
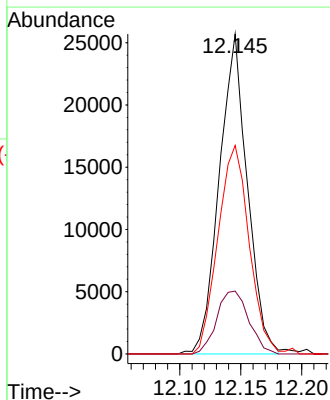
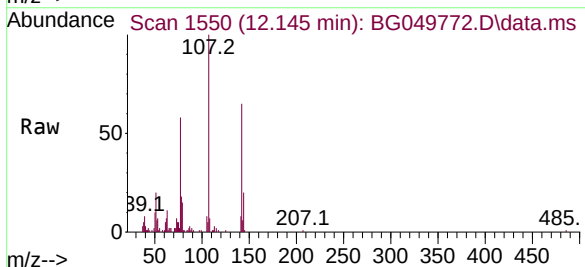
Manual Integrations
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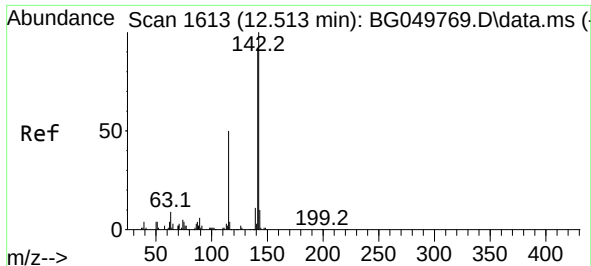
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#35
4-Chloro-3-methylphenol
Concen: 17.103 ng/ul
RT: 12.145 min Scan# 1550
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

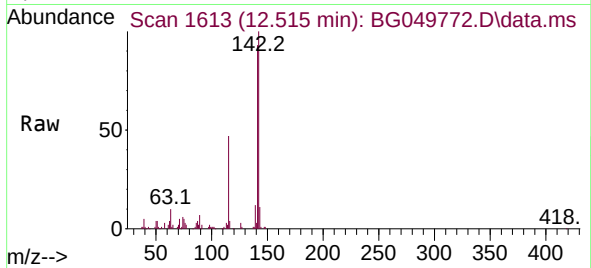
Tgt Ion:107 Resp: 41199
Ion Ratio Lower Upper
107 100
144 19.7 19.4 29.0
142 65.2 62.3 93.5





#36
2-Methylnaphthalene
Concen: 17.218 ng/ul
RT: 12.515 min Scan# 1613
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

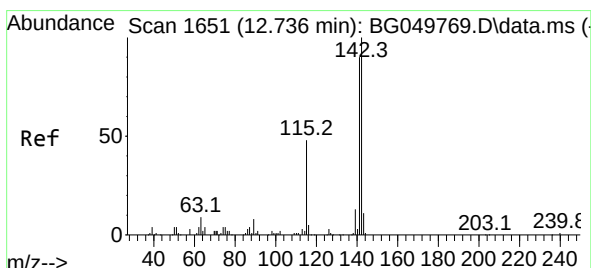
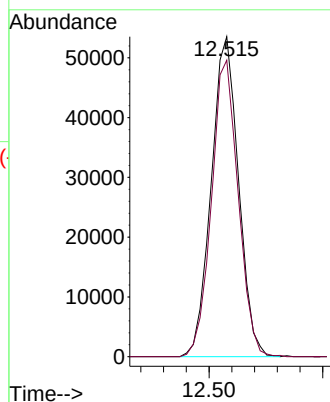
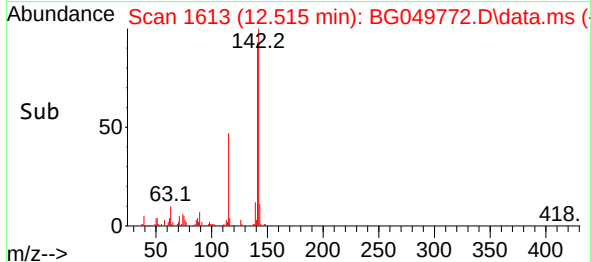
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



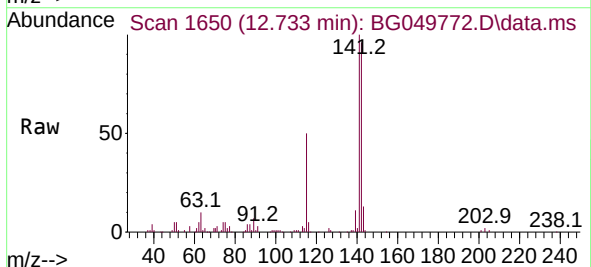
Tgt Ion:142 Resp: 89197
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.8

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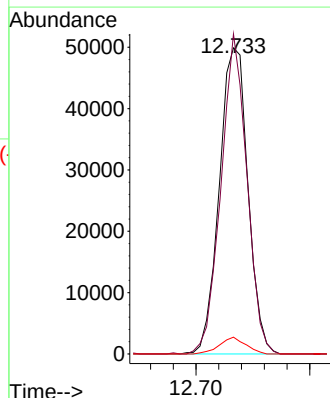
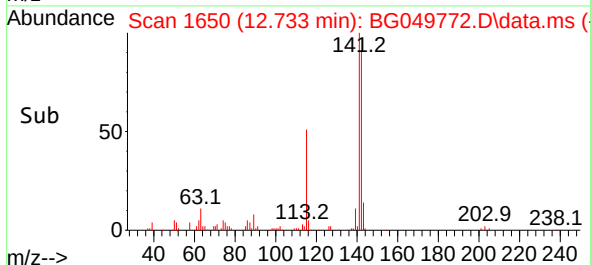
mohammad
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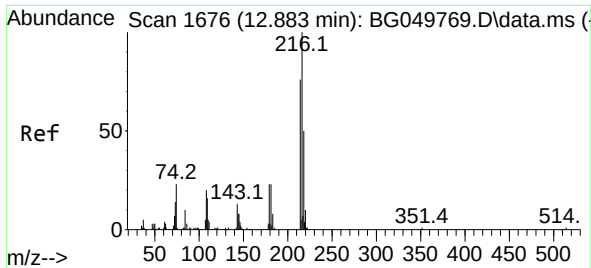


#37
1-Methylnaphthalene
Concen: 17.308 ng/ul
RT: 12.733 min Scan# 1650
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



Tgt Ion:142 Resp: 87250
Ion Ratio Lower Upper
142 100
141 104.6 75.4 113.0
116 5.5 4.2 6.2





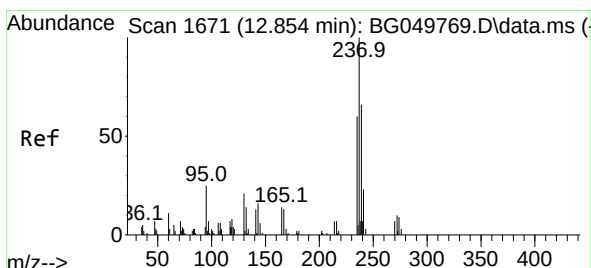
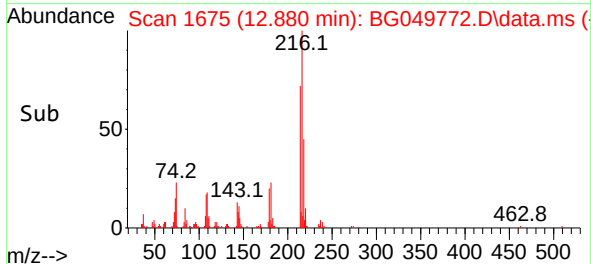
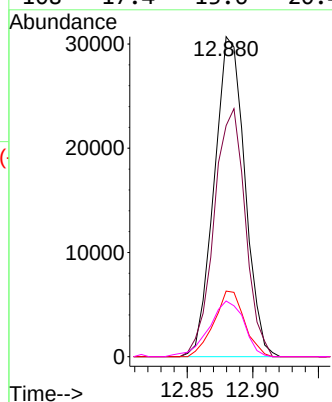
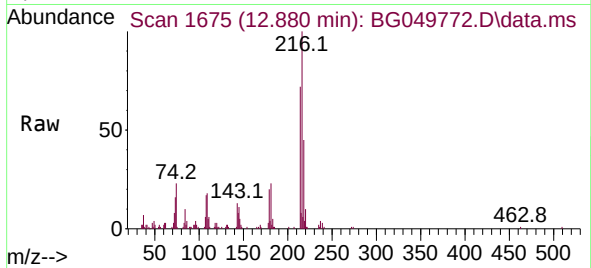
#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.613 ng/ul
RT: 12.880 min Scan# 1675
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Instrument :
BNA_G
ClientSampled :
JCE05MSD

Tgt Ion:	216	Resp:	49829
Ion Ratio	Lower	Upper	
216	100		
214	72.2	63.5	95.3
179	20.5	17.6	26.4
108	17.4	13.6	20.4

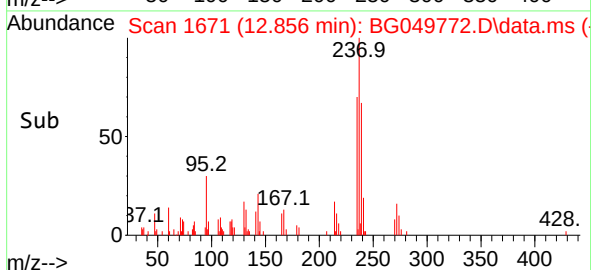
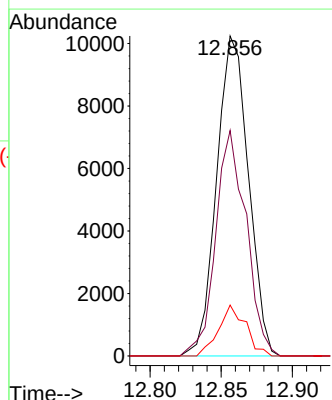
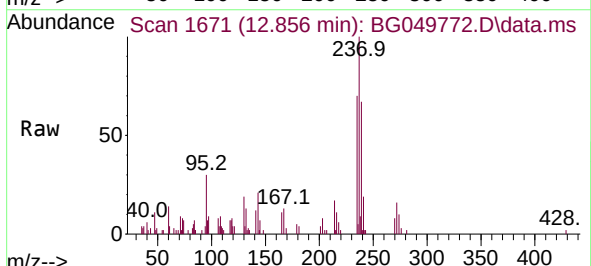
Manual Integrations
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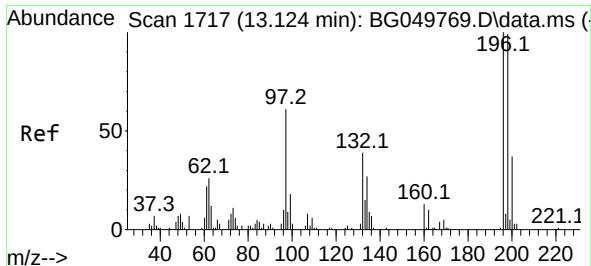
mohammad
8/11/2021 9:33:39 PM



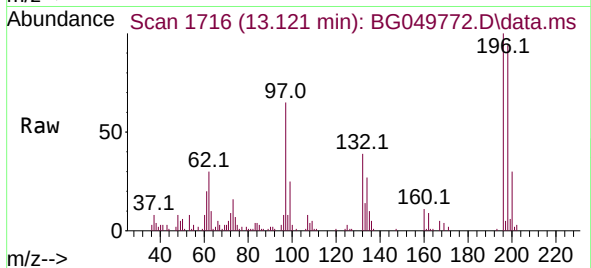
#40
Hexachlorocyclopentadiene
Concen: 10.103 ng/ul
RT: 12.856 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	237	Resp:	15952
Ion Ratio	Lower	Upper	
237	100		
235	70.5	54.3	81.5
272	15.9	11.8	17.8





#41
2,4,6-Trichlorophenol
Concen: 19.623 ng/ul
RT: 13.121 min Scan# 1716
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

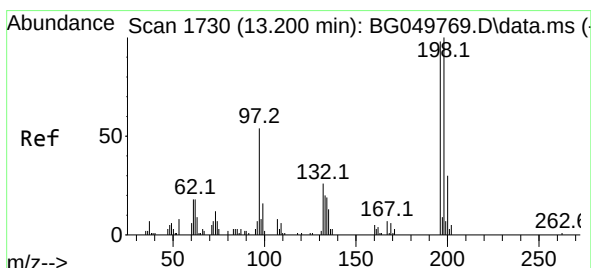
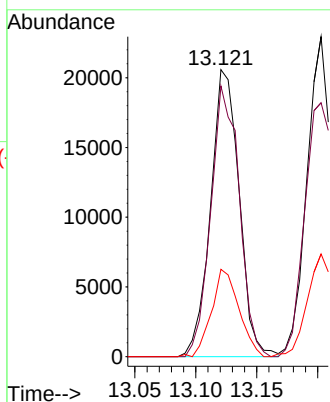
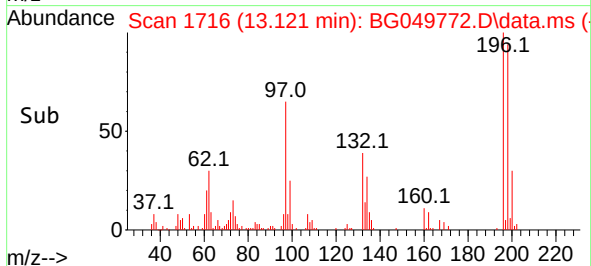


Tgt Ion:196 Resp: 33616
Ion Ratio Lower Upper
196 100
198 94.4 71.6 107.4
200 30.5 19.6 29.4#

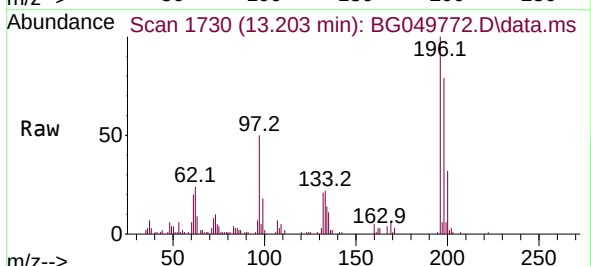
Instrument :
BNA_G
ClientSampled :
JCE05MSD

Manual Integrations
APPROVED

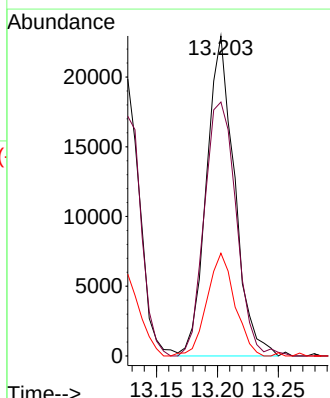
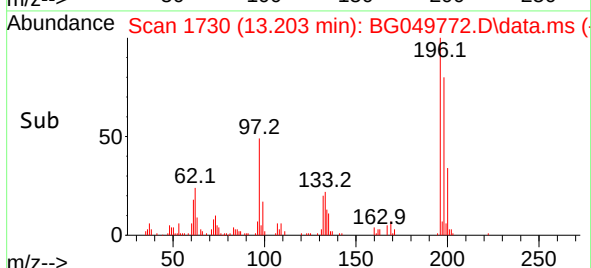
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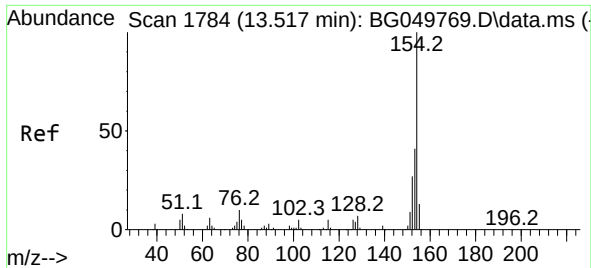


#42
2,4,5-Trichlorophenol
Concen: 19.918 ng/ul
RT: 13.203 min Scan# 1730
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

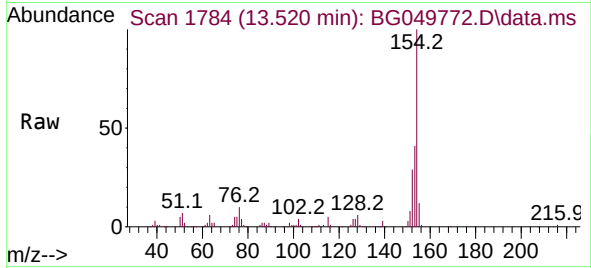


Tgt Ion:196 Resp: 36613
Ion Ratio Lower Upper
196 100
198 79.4 75.4 113.0
200 32.1 26.6 39.8

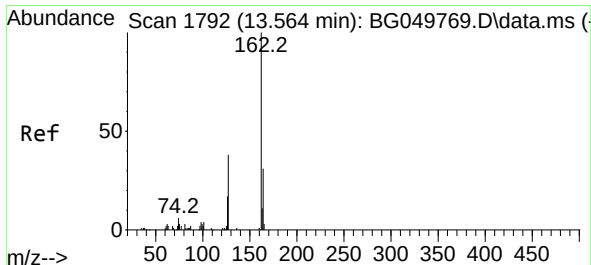
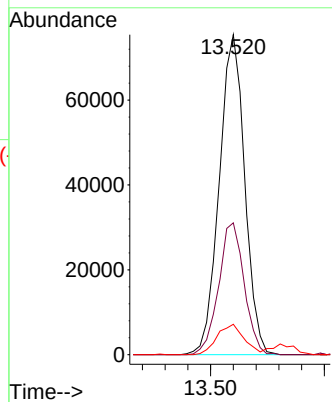
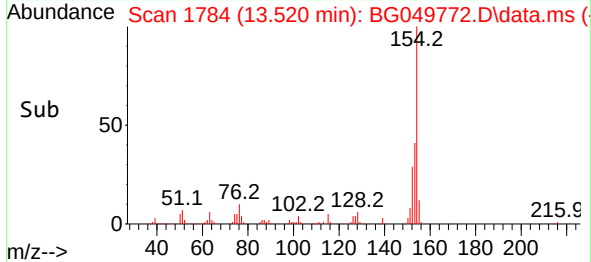




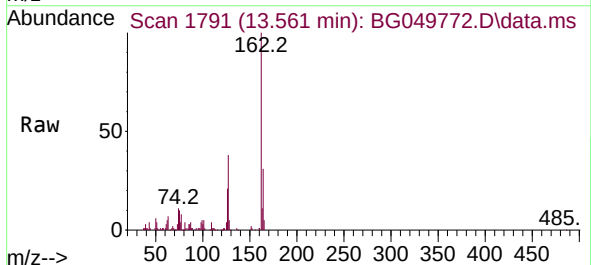
#43
1,1'-Biphenyl
Concen: 18.261 ng/ul
RT: 13.520 min Scan# 1784
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



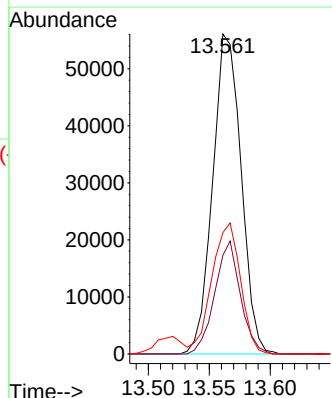
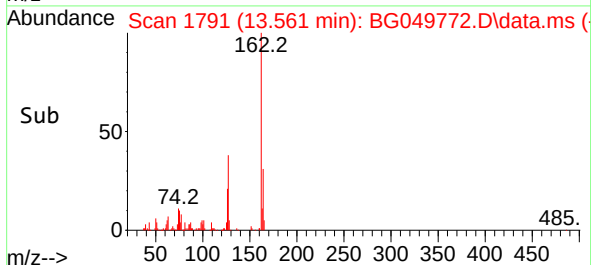
Tgt Ion:154 Resp: 117253
Ion Ratio Lower Upper
154 100
153 41.2 34.1 51.1
76 9.5 8.6 12.8



#44
2-Chloronaphthalene
Concen: 18.124 ng/ul
RT: 13.561 min Scan# 1791
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



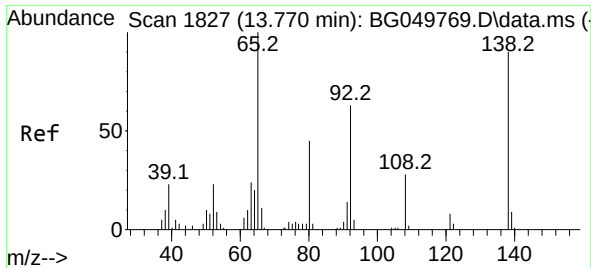
Tgt Ion:162 Resp: 91101
Ion Ratio Lower Upper
162 100
164 30.9 28.6 42.8
127 38.0 32.2 48.4



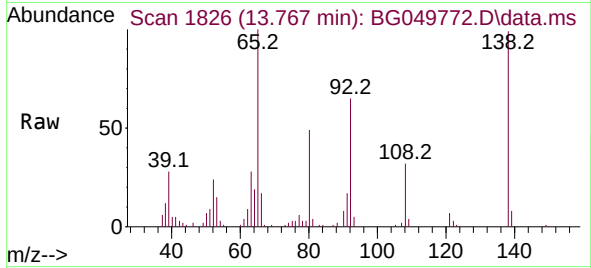
Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Manual Integrations
APPROVED

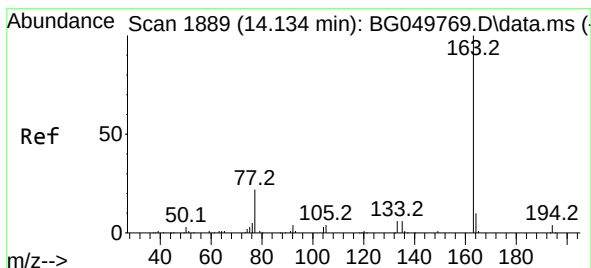
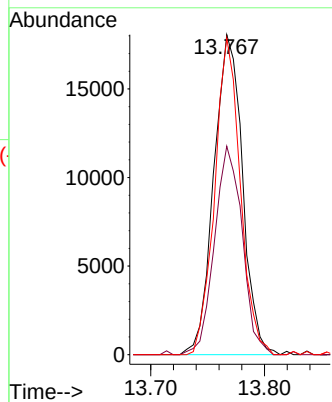
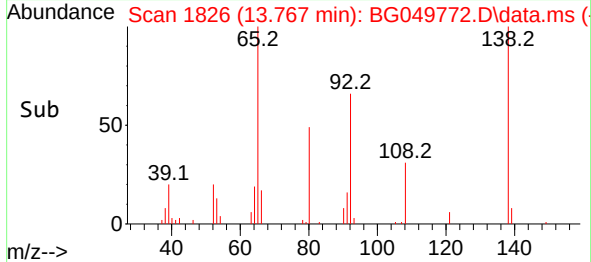
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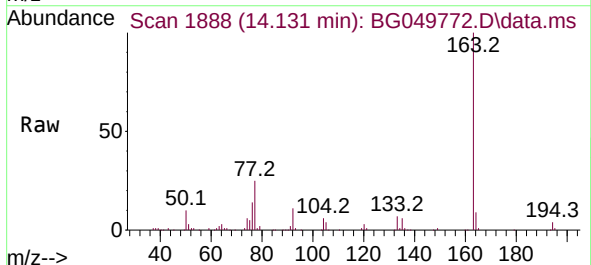
#45
2-Nitroaniline
Concen: 17.820 ng/ul
RT: 13.767 min Scan# 1826
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



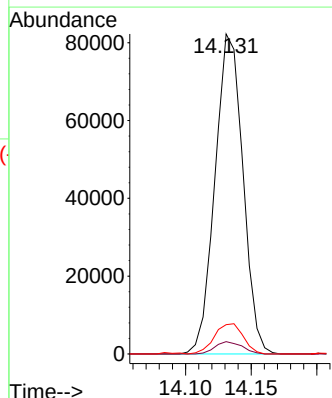
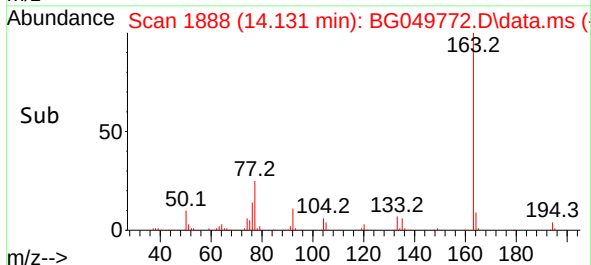
Tgt Ion: 65 Resp: 31534
Ion Ratio Lower Upper
65 100
92 65.2 49.7 74.5
138 98.9 68.3 102.5



#47
Dimethylphthalate
Concen: 18.122 ng/ul
RT: 14.131 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



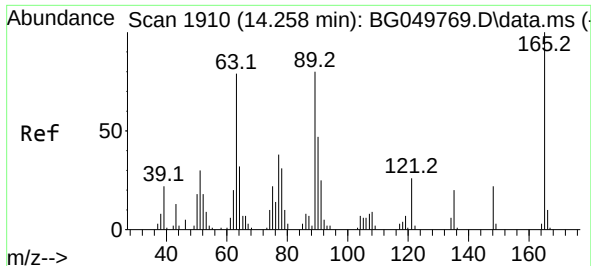
Tgt Ion: 163 Resp: 121673
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.2 7.4 11.0



Instrument :
BNA_G
ClientSampleId :
JCE05MSD

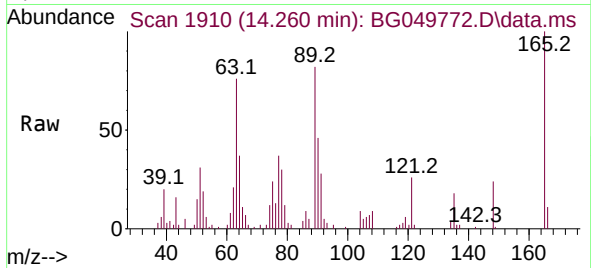
Manual Integrations
APPROVED

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#48
2,6-Dinitrotoluene
Concen: 17.888 ng/ul
RT: 14.260 min Scan# 1910
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

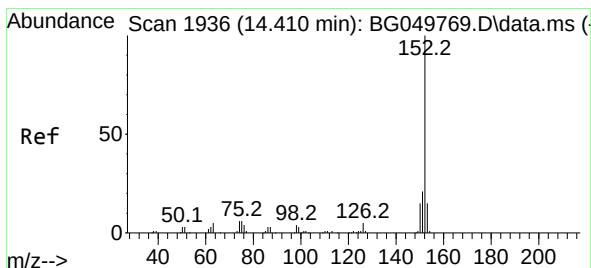
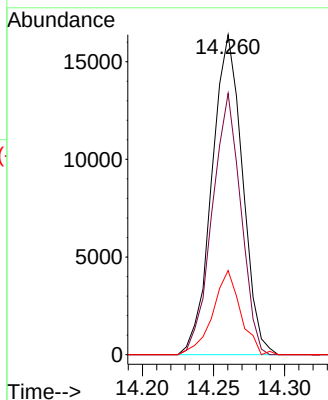
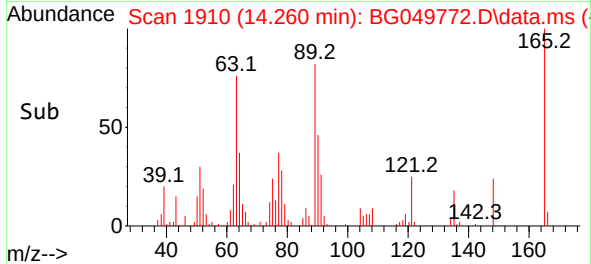
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



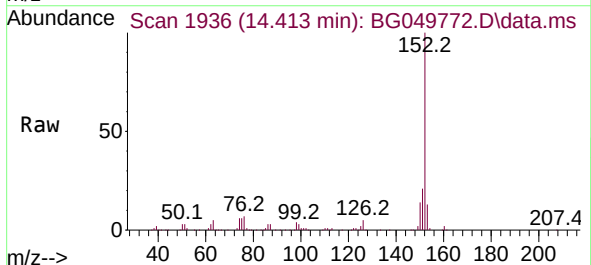
Tgt Ion	Ratio	Lower	Upper
165	100		
89	81.6	65.3	97.9
121	26.3	19.7	29.5

Manual Integrations
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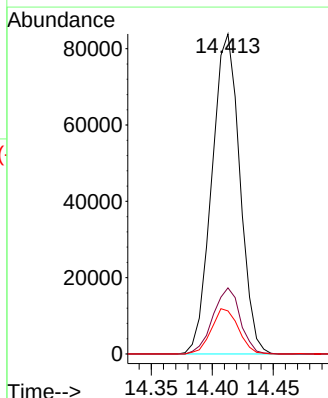
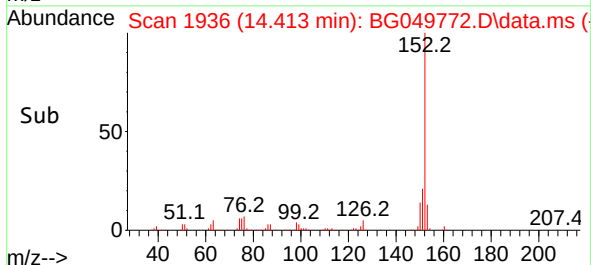
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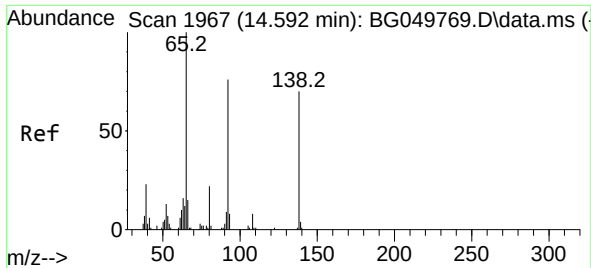


#50
Acenaphthylene
Concen: 17.624 ng/ul
RT: 14.413 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	11.4	17.0





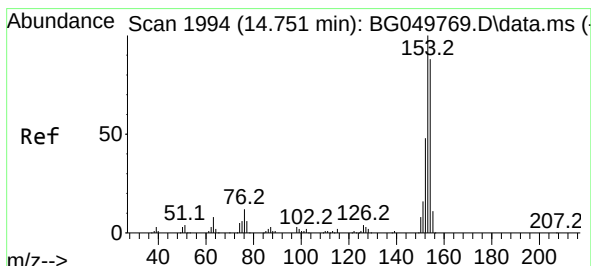
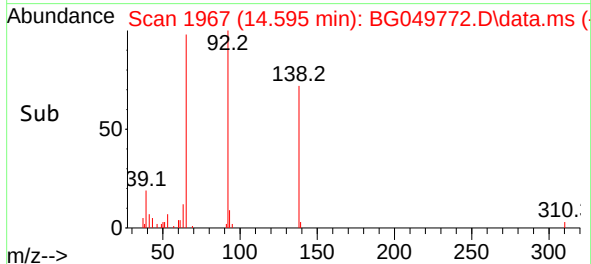
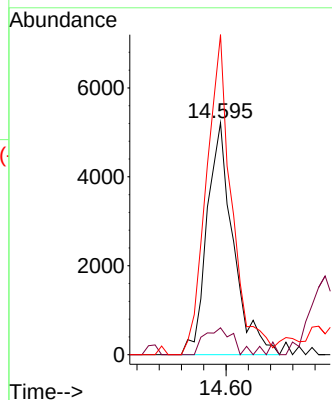
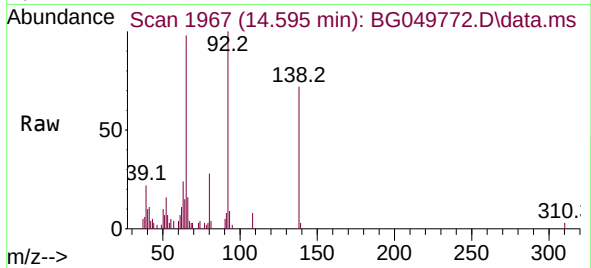
#51
3-Nitroaniline
Concen: 6.993 ng/ul m
RT: 14.595 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:138 Resp: 8537
Ion Ratio Lower Upper
138 100
108 11.6 6.8 10.2#
92 138.0 98.5 147.7

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

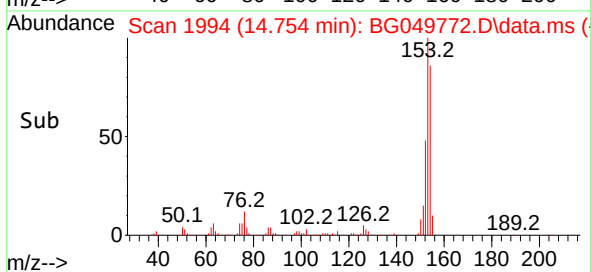
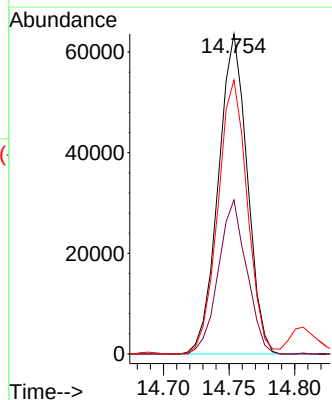
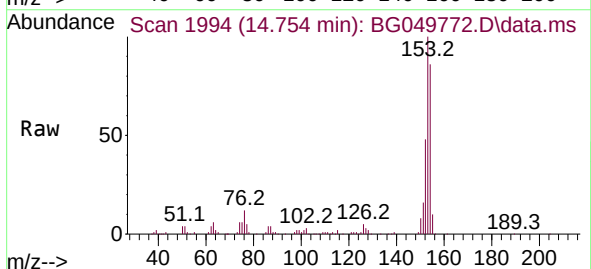
Manual Integrations
APPROVED

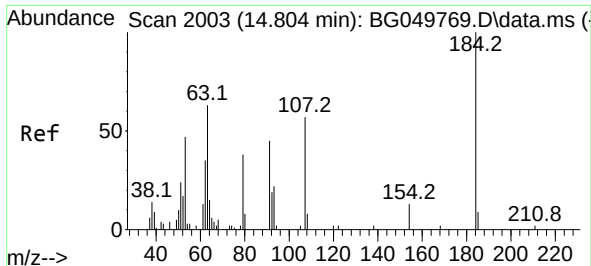
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#52
Acenaphthene
Concen: 17.939 ng/ul
RT: 14.754 min Scan# 1994
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:153 Resp: 97293
Ion Ratio Lower Upper
153 100
152 48.2 41.0 61.6
154 85.6 71.1 106.7





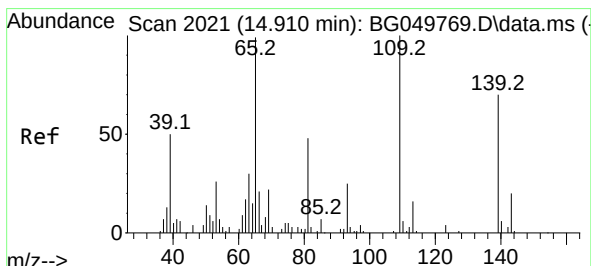
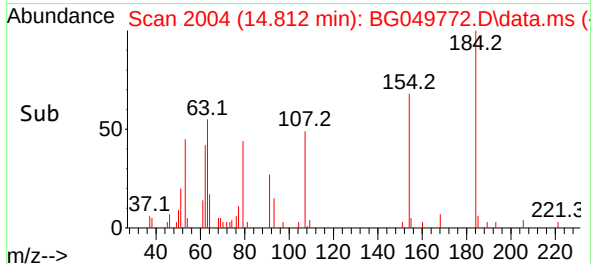
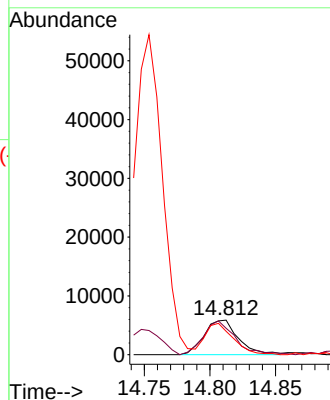
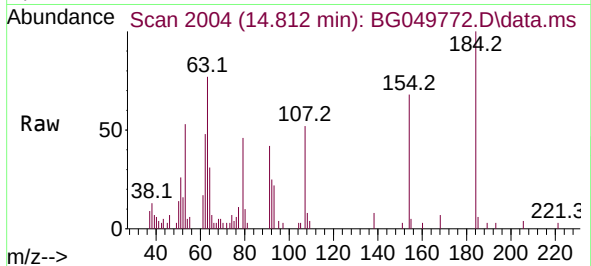
#53
2,4-Dinitrophenol
Concen: 14.087 ng/ul
RT: 14.812 min Scan# 2004
Delta R.T. 0.009 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.6	71.5	107.3
154	67.7	63.5	95.3

Instrument :
BNA_G
ClientSampled :
JCE05MSD

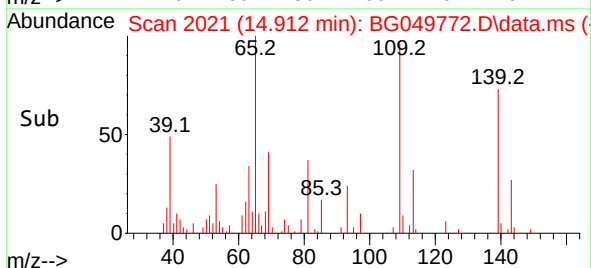
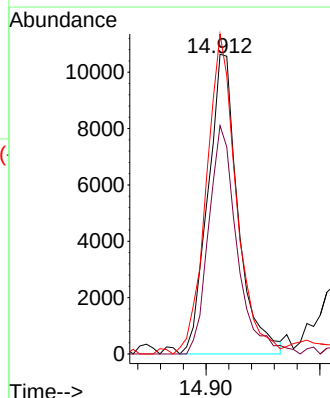
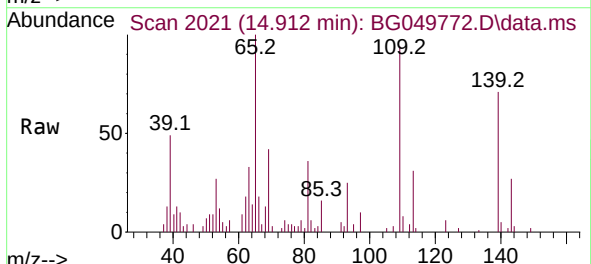
Manual Integrations
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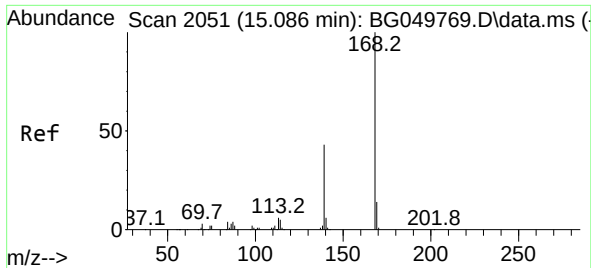
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#55
4-Nitrophenol
Concen: 13.682 ng/ul
RT: 14.912 min Scan# 2021
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
109	100		
139	76.2	60.2	90.4
65	106.8	72.2	108.2





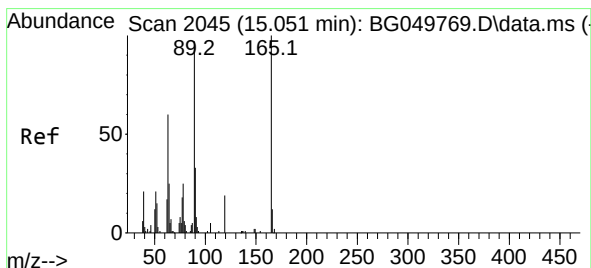
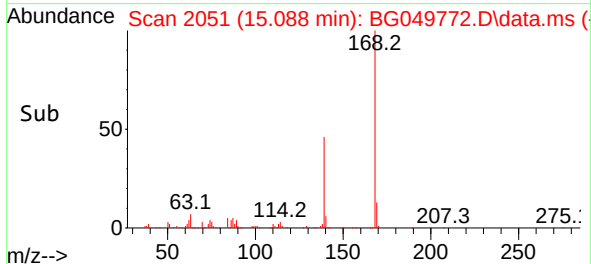
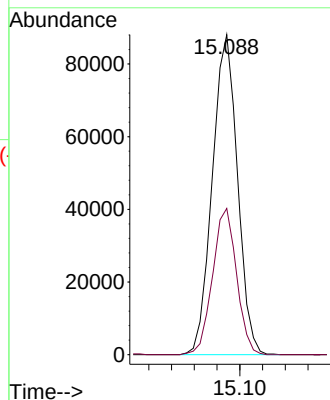
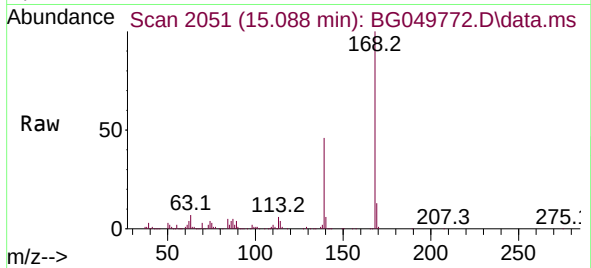
#56
Dibenzenofuran
Concen: 17.994 ng/ul
RT: 15.088 min Scan# 2051
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:168 Resp: 135384
Ion Ratio Lower Upper
168 100
139 45.7 34.6 52.0

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

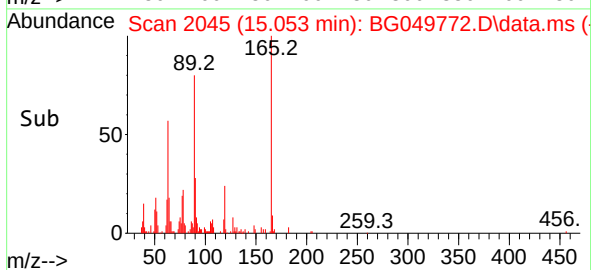
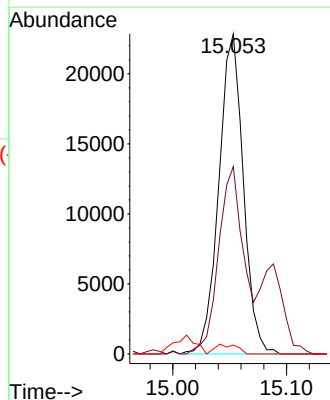
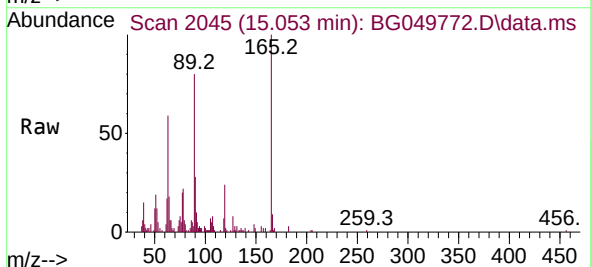
Manual Integrations
APPROVED

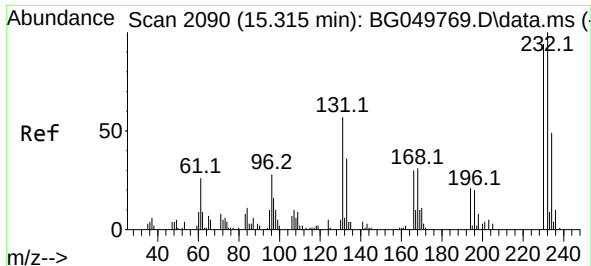
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#57
2,4-Dinitrotoluene
Concen: 17.285 ng/ul
RT: 15.053 min Scan# 2045
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

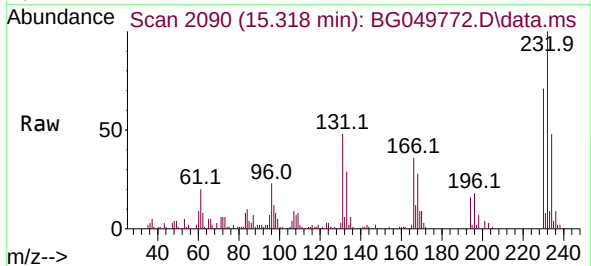
Tgt Ion:165 Resp: 34190
Ion Ratio Lower Upper
165 100
63 58.6 46.0 69.0
182 2.8 1.4 2.0#





#58
2,3,4,6-Tetrachlorophenol
Concen: 19.803 ng/ul
RT: 15.318 min Scan# 2090
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

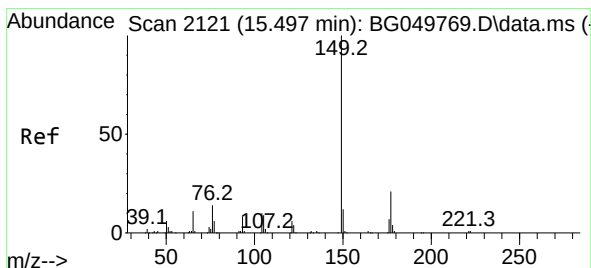
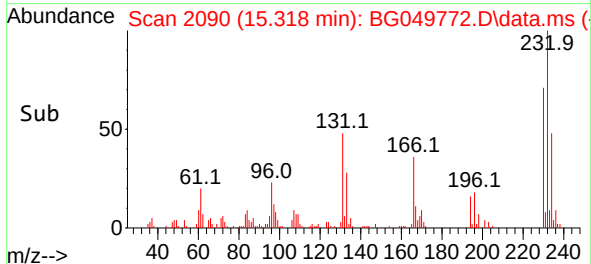
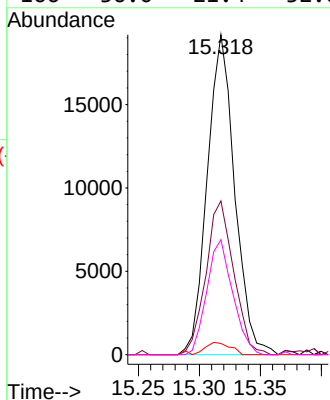
Instrument :
BNA_G
ClientSampled :
JCE05MSD



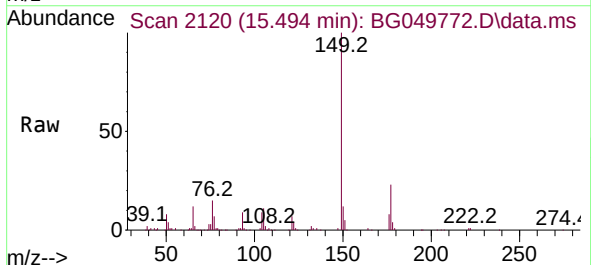
Tgt Ion:232 Resp: 29996
Ion Ratio Lower Upper
232 100
131 48.1 38.5 57.7
130 3.5 2.1 3.1#
166 36.0 21.4 32.0#

Manual Integrations
APPROVED

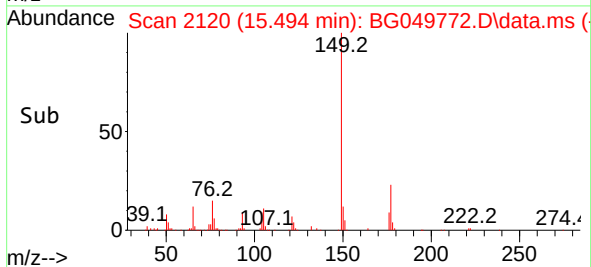
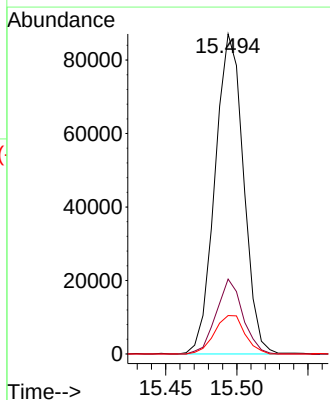
mohammad
8/11/2021 9:33:39 PM

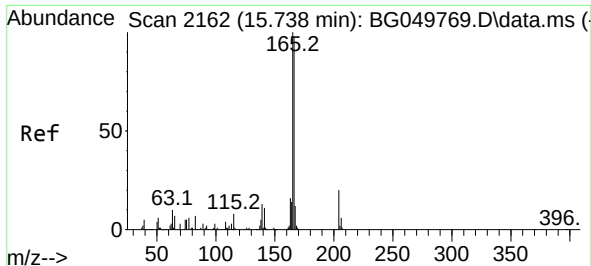


#59
Diethylphthalate
Concen: 17.912 ng/ul
RT: 15.494 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



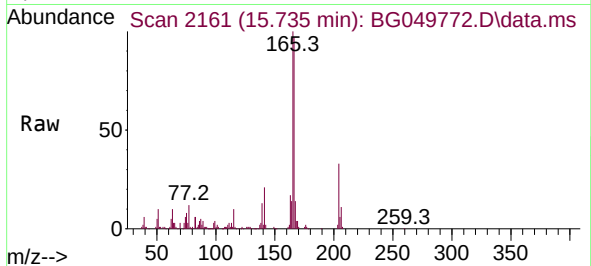
Tgt Ion:149 Resp: 121256
Ion Ratio Lower Upper
149 100
177 23.4 15.5 23.3#
150 12.0 9.8 14.8





#61
Fluorene
Concen: 18.054 ng/ul
RT: 15.735 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

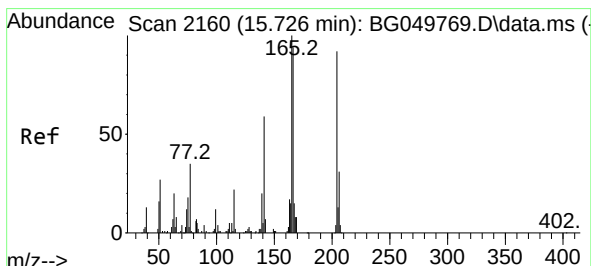
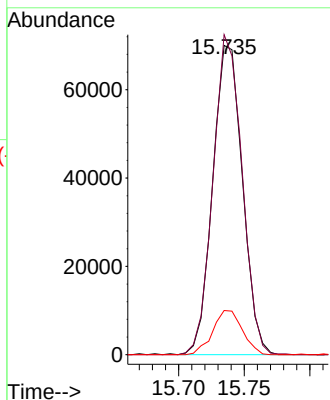
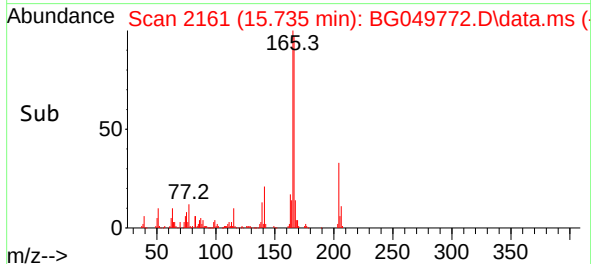
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



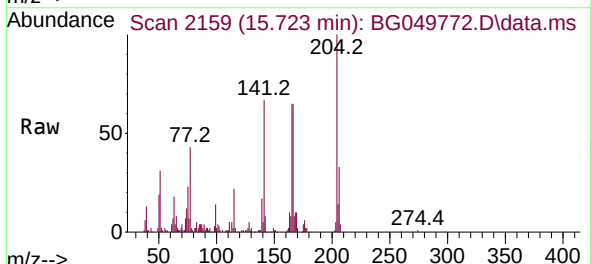
Tgt Ion:166 Resp: 110459
Ion Ratio Lower Upper
166 100
165 103.5 74.5 111.7
167 14.3 10.5 15.7

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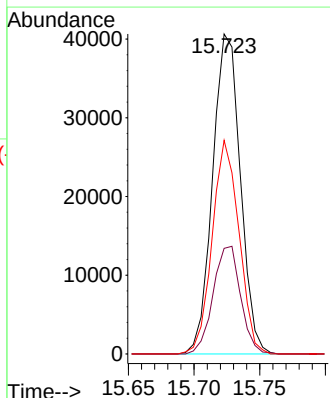
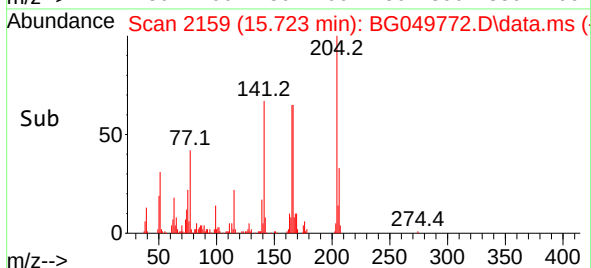
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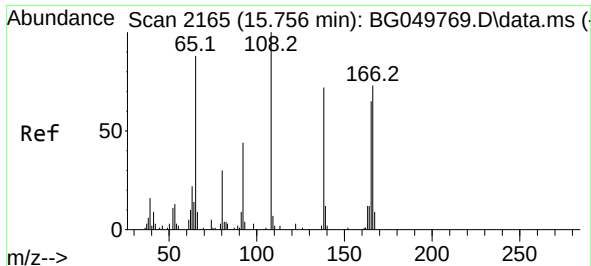


#62
4-Chlorophenyl-phenylether
Concen: 17.911 ng/ul
RT: 15.723 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



Tgt Ion:204 Resp: 59663
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 66.7 54.9 82.3





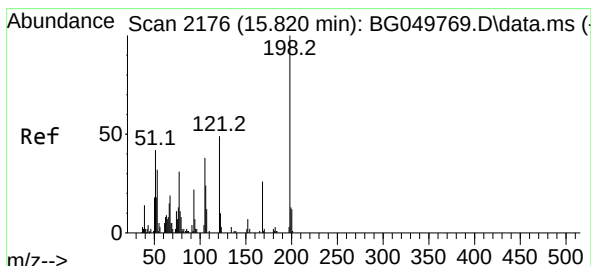
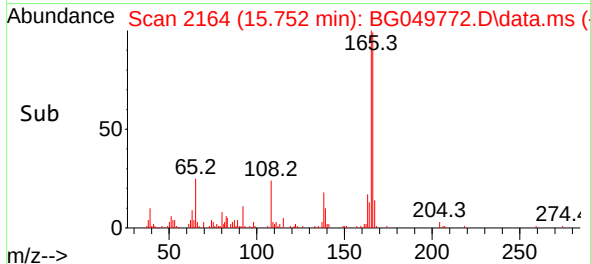
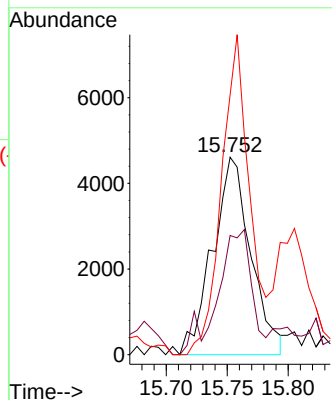
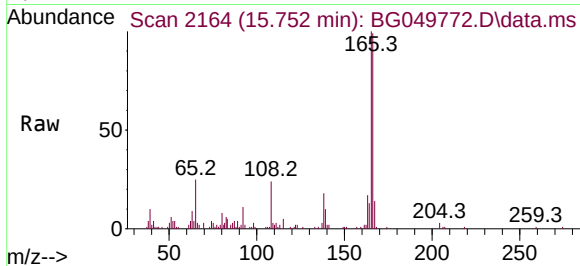
#63
4-Nitroaniline
Concen: 8.803 ng/ul
RT: 15.752 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.4	45.0	67.6
108	131.7	115.1	172.7

Instrument :
BNA_G
ClientSampled :
JCE05MSD

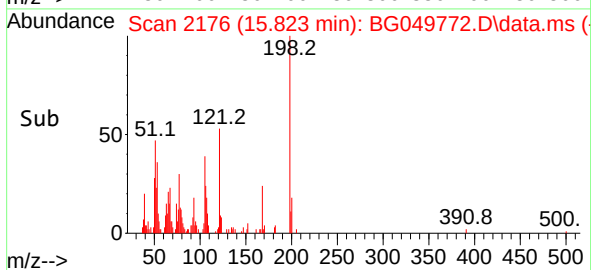
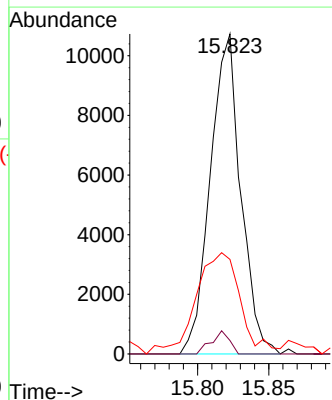
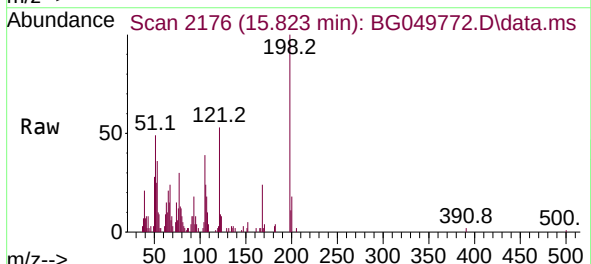
Manual Integrations
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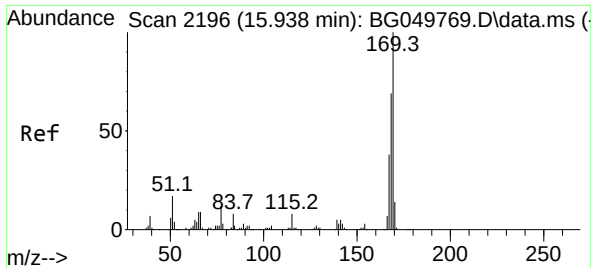
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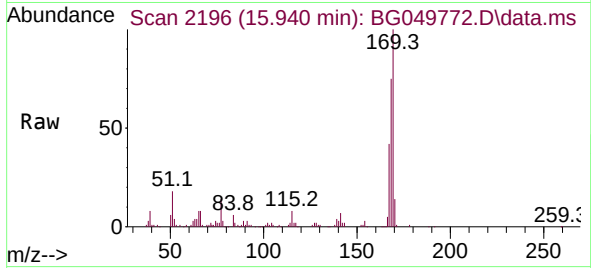
#66
4,6-Dinitro-2-methylphenol
Concen: 15.596 ng/ul
RT: 15.823 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
198	100		
182	4.2	4.1	6.1
77	29.6	28.2	42.2

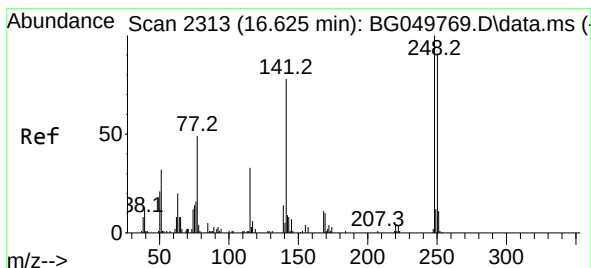
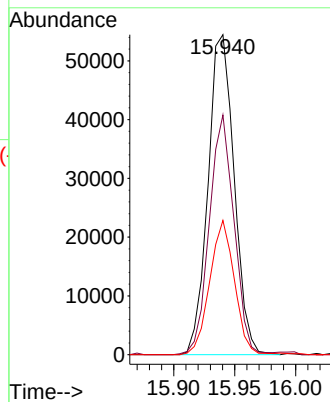
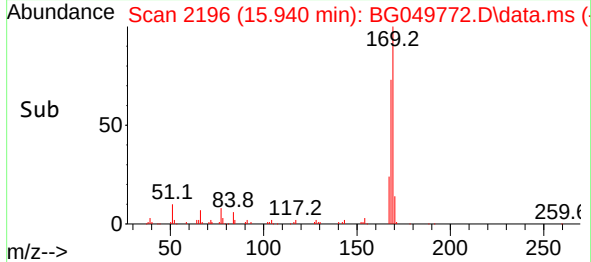




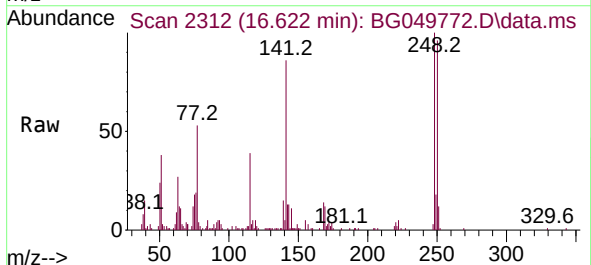
#67
N-Nitrosodiphenylamine
Concen: 18.158 ng/ul
RT: 15.940 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



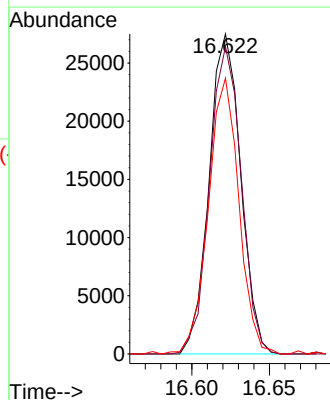
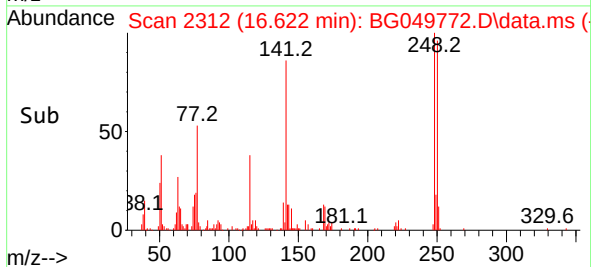
Tgt Ion:	169	Resp:	81278
Ion Ratio	Lower	Upper	
169	100		
168	74.9	51.2	76.8
167	42.0	30.4	45.6



#68
4-Bromophenyl-phenylether
Concen: 20.614 ng/ul
RT: 16.622 min Scan# 2312
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



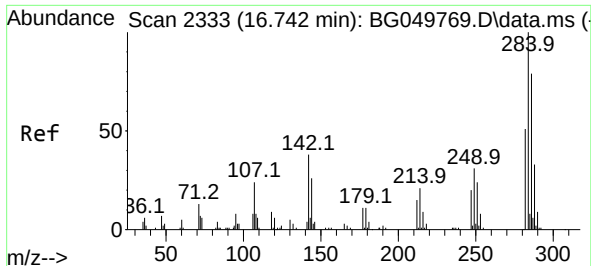
Tgt Ion:	248	Resp:	38943
Ion Ratio	Lower	Upper	
248	100		
250	96.1	80.3	120.5
141	86.2	68.2	102.4



Instrument :
BNA_G
ClientSampleId :
JCE05MSD

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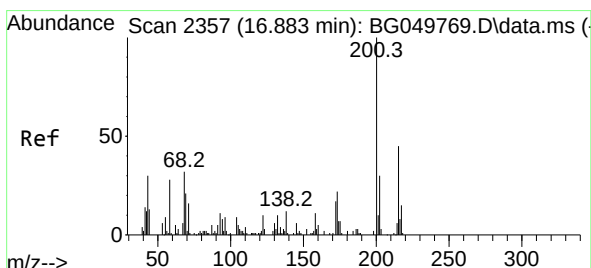
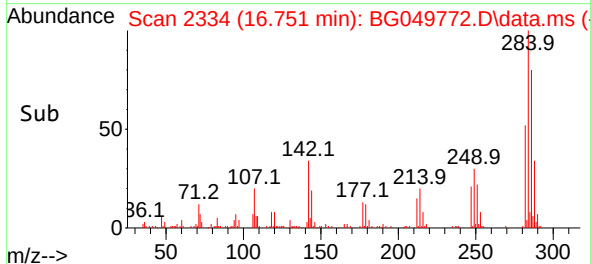
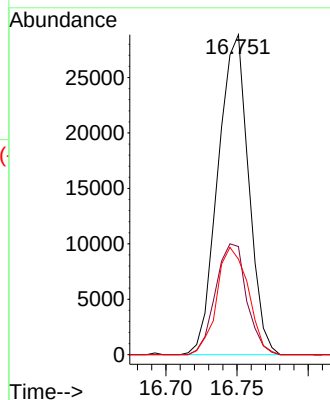
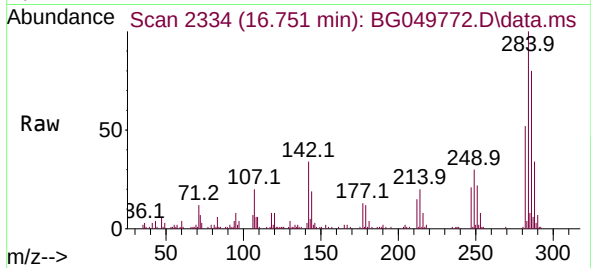
#69
Hexachlorobenzene
Concen: 20.230 ng/ul
RT: 16.751 min Scan# 2334
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Instrument :
BNA_G
ClientSampled :
JCE05MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.6	41.4
249	29.8	25.6	38.4

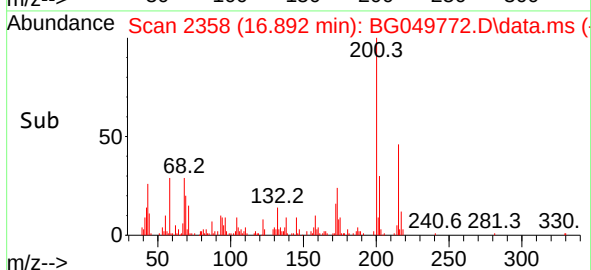
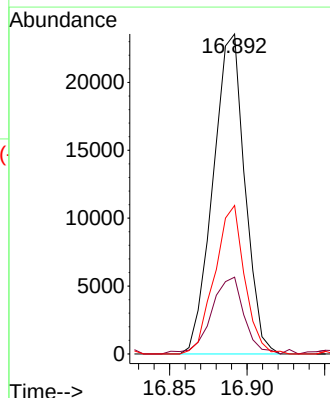
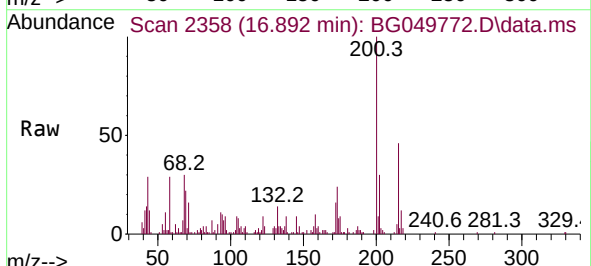
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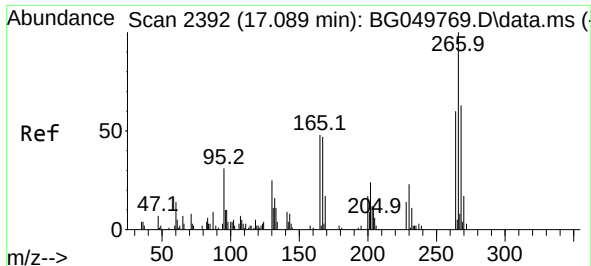
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#70
Atrazine
Concen: 17.032 ng/ul
RT: 16.892 min Scan# 2358
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	18.2	27.2
215	46.4	31.3	46.9





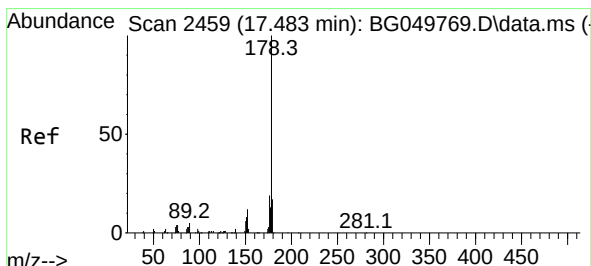
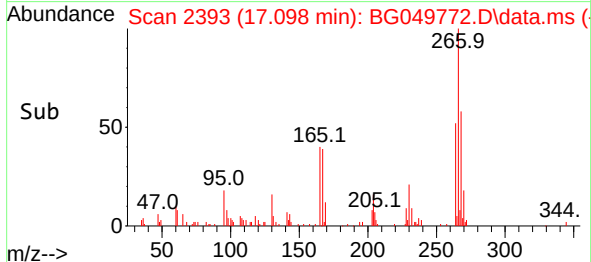
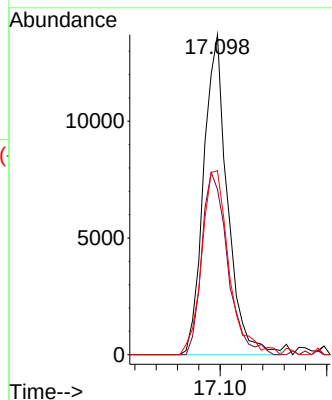
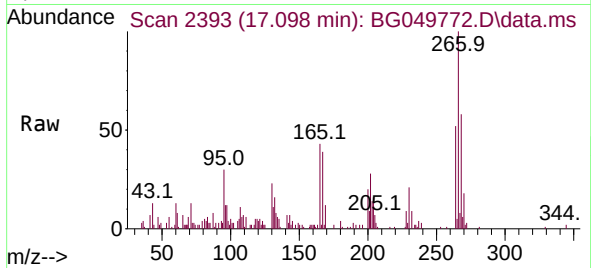
#71
 Pentachlorophenol
 Concen: 20.809 ng/ul
 RT: 17.098 min Scan# 2393
 Delta R.T. 0.003 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03

Tgt Ion:	266	Resp:	21313
Ion Ratio	Lower	Upper	
266	100		
264	51.7	47.8	71.6
268	57.5	48.8	73.2

Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

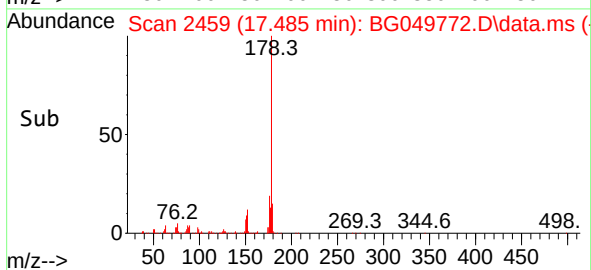
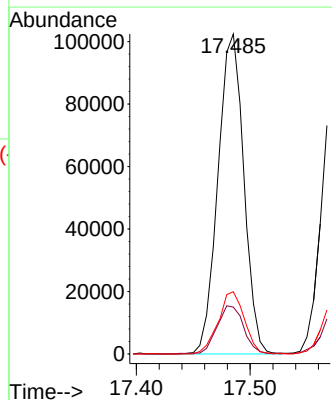
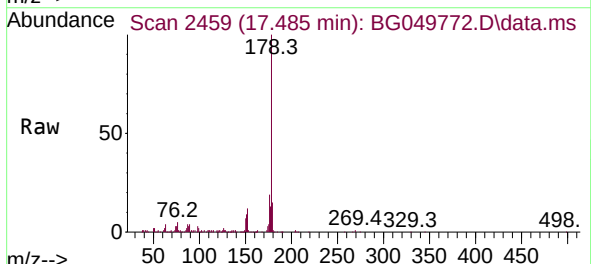
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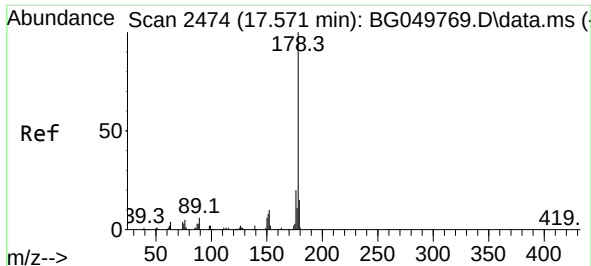
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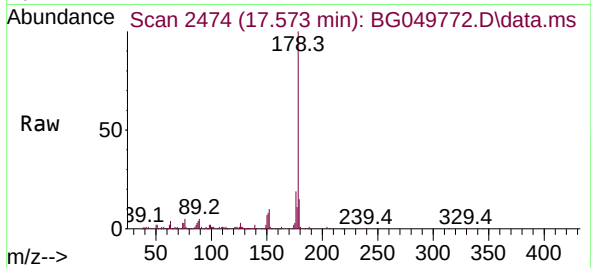
#72
 Phenanthrene
 Concen: 18.818 ng/ul
 RT: 17.485 min Scan# 2459
 Delta R.T. 0.003 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03

Tgt Ion:	178	Resp:	161764
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.4	18.6
176	19.5	15.4	23.2

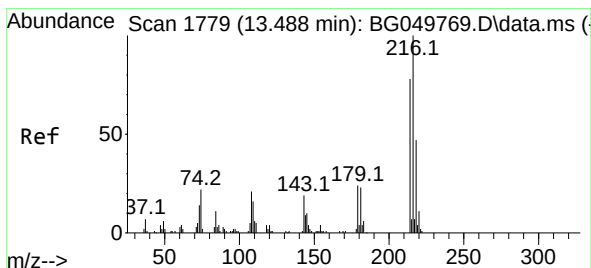
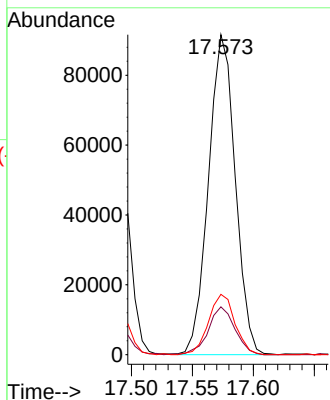
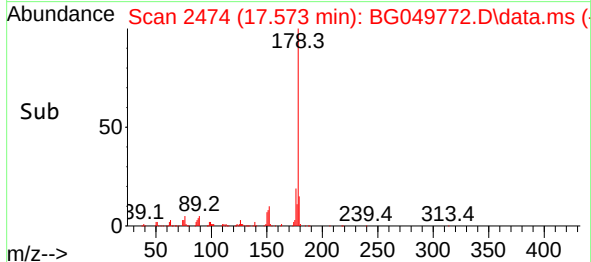




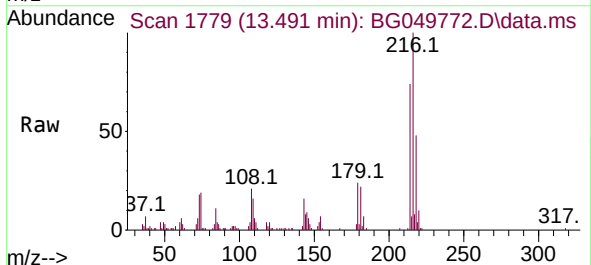
#74
 Anthracene
 Concen: 16.287 ng/uI
 RT: 17.573 min Scan# 2474
 Delta R.T. -0.003 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03



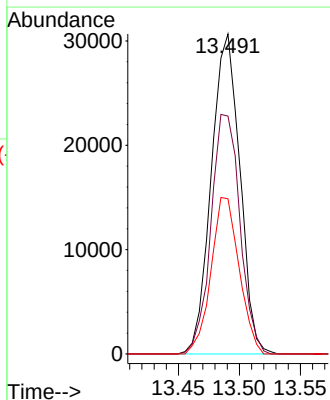
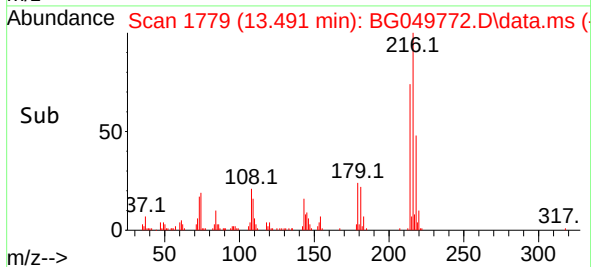
Tgt Ion:178 Resp: 140052
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.8 14.6 21.8



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 20.957 ng/uL
 RT: 13.491 min Scan# 1779
 Delta R.T. 0.003 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03



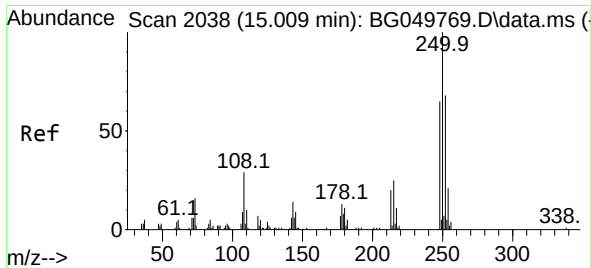
Tgt Ion:216 Resp: 49994
 Ion Ratio Lower Upper
 216 100
 214 74.3 61.8 92.8
 218 48.5 39.4 59.2



Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

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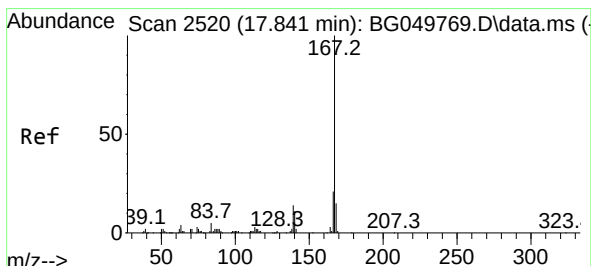
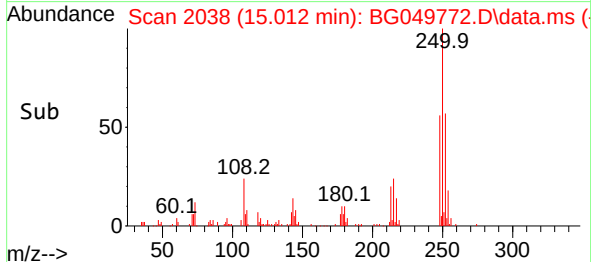
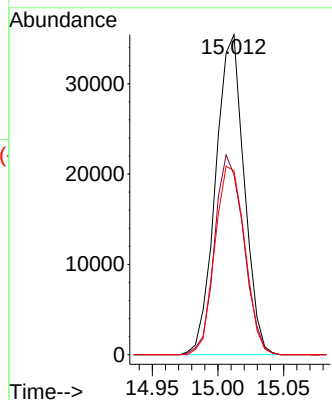
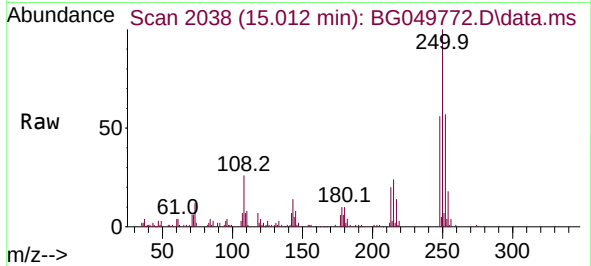
#76
Pentachlorobenzene
Concen: 21.296 ng/uL
RT: 15.012 min Scan# 2038
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	250	Resp:	53578
Ion Ratio	Lower	Upper	
250	100		
248	56.3	53.3	79.9
252	57.4	50.9	76.3

Instrument :
BNA_G
ClientSampled :
JCE05MSD

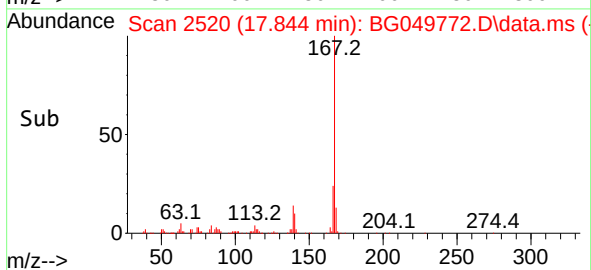
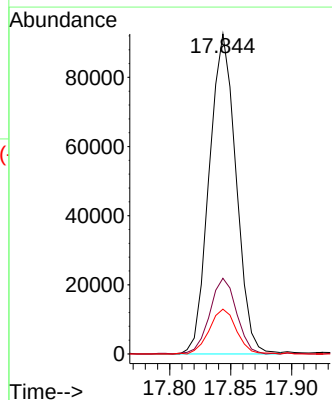
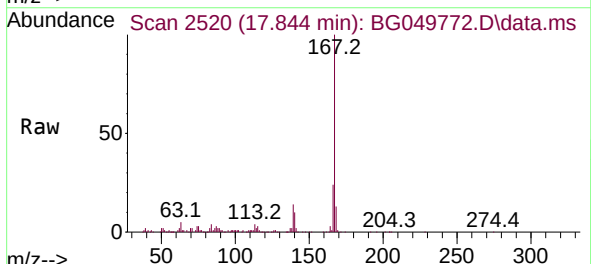
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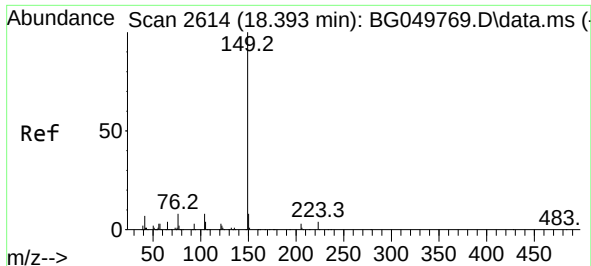
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#77
Carbazole
Concen: 18.439 ng/uL
RT: 17.844 min Scan# 2520
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

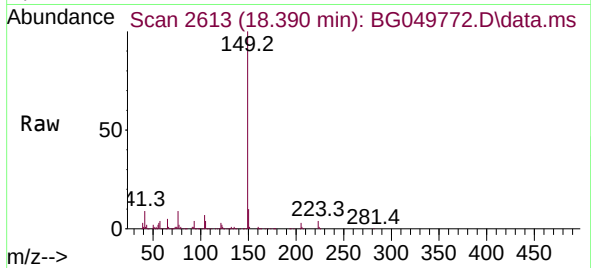
Tgt Ion:	167	Resp:	141690
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.3	25.9
139	14.0	10.4	15.6





#78
Di-n-butylphthalate
Concen: 19.635 ng/ul
RT: 18.390 min Scan# 2613
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

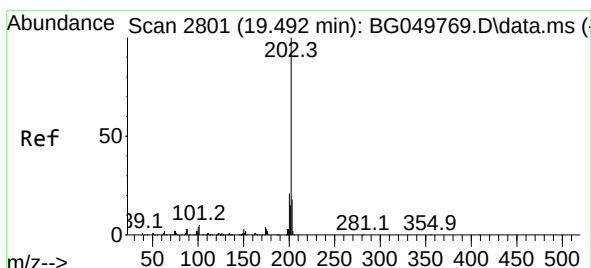
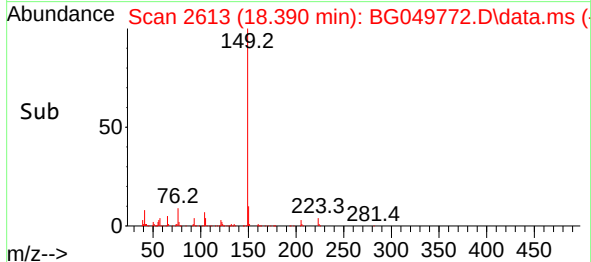
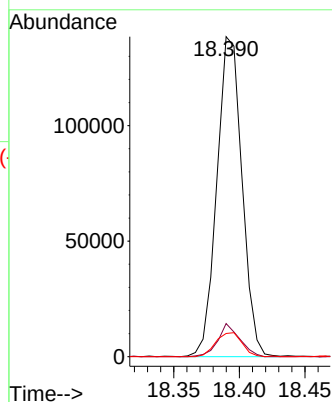
Instrument :
BNA_G
ClientSampleId :
JCE05MSD



Tgt Ion:149 Resp: 184464
Ion Ratio Lower Upper
149 100
150 10.4 7.4 11.0
104 7.3 5.8 8.8

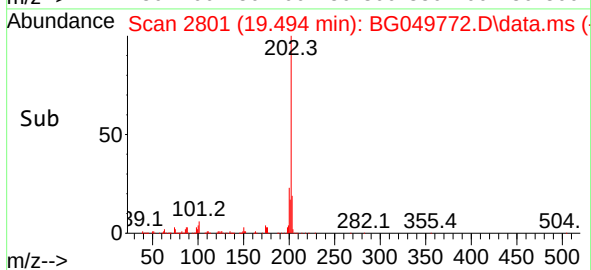
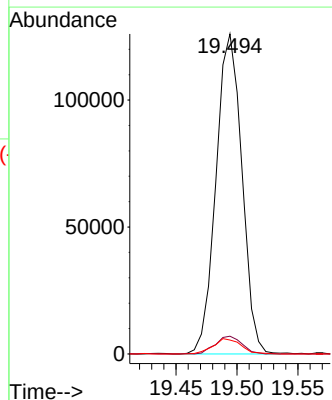
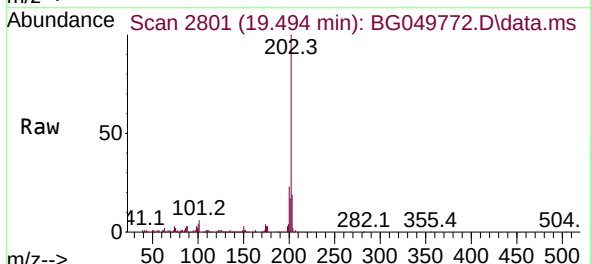
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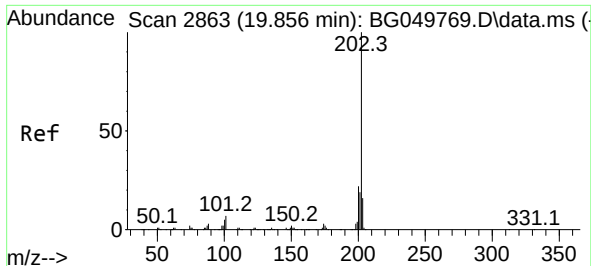
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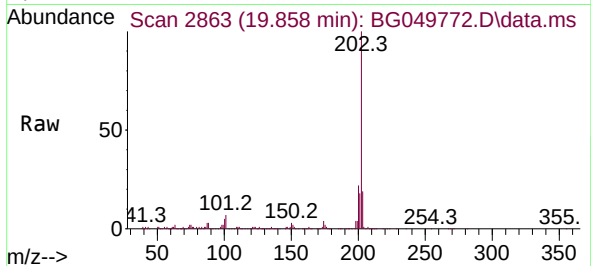
#80
Fluoranthene
Concen: 18.642 ng/ul
RT: 19.494 min Scan# 2801
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:202 Resp: 186492
Ion Ratio Lower Upper
202 100
101 5.6 4.8 7.2
100 4.4 3.9 5.9

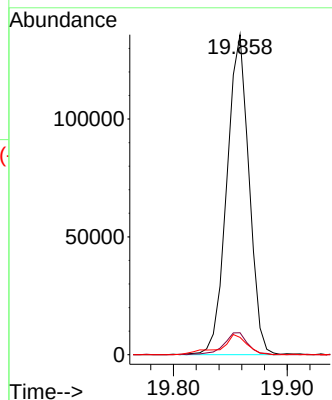
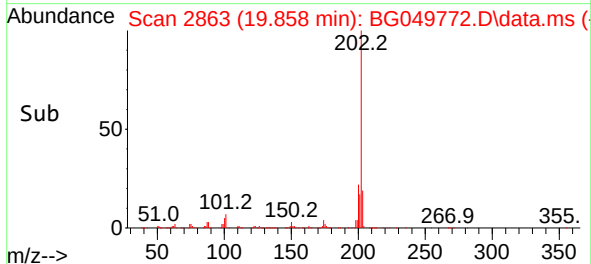




#82
Pyrene
Concen: 18.400 ng/ul
RT: 19.858 min Scan# 2863
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



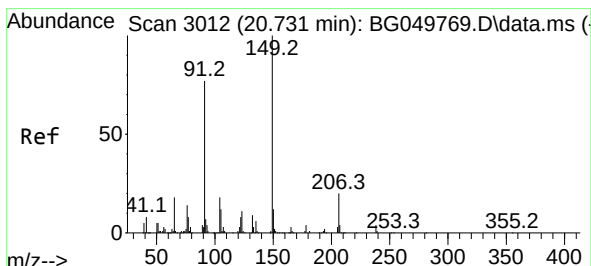
Tgt Ion:202 Resp: 183590
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.4 4.8 7.2



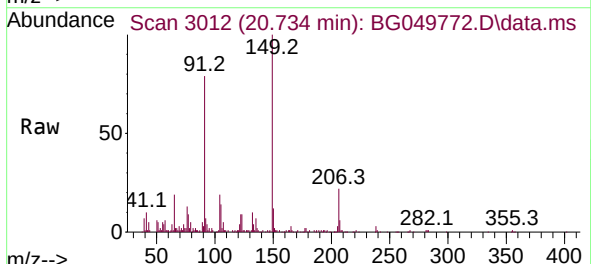
Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Manual Integrations
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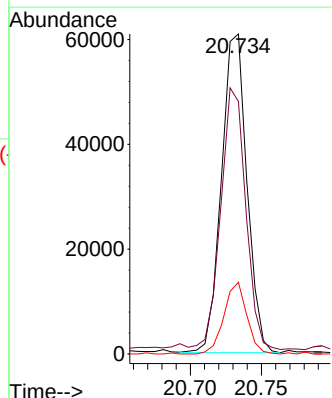
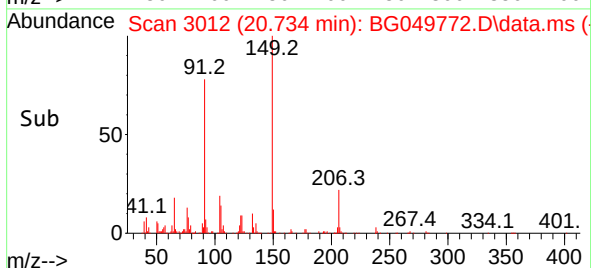
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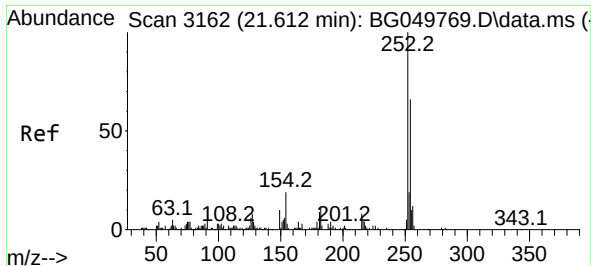


#83
Butylbenzylphthalate
Concen: 19.951 ng/ul
RT: 20.734 min Scan# 3012
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



Tgt Ion:149 Resp: 75864
Ion Ratio Lower Upper
149 100
91 78.9 63.1 94.7
206 22.4 17.0 25.4





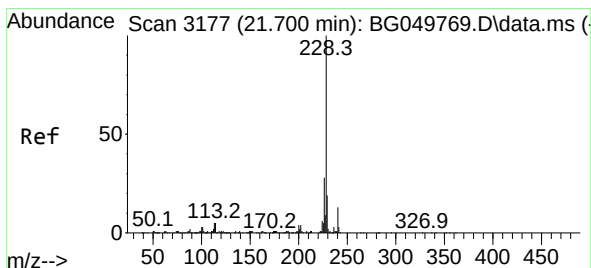
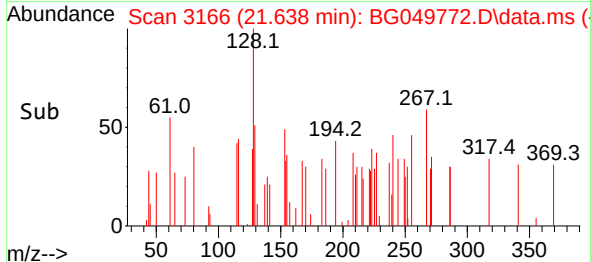
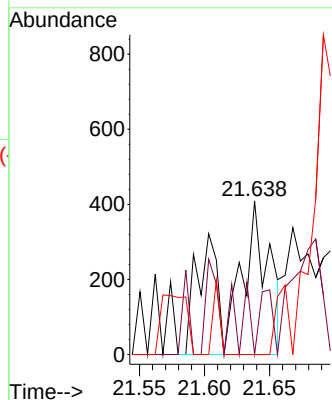
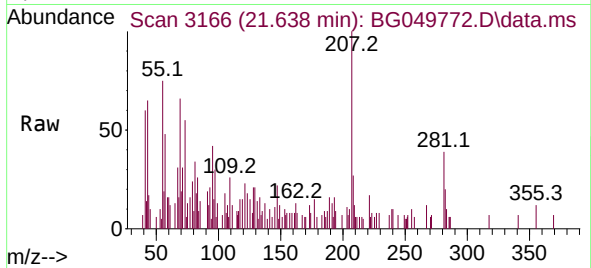
#84
 3,3'-Dichlorobenzidine
 Concen: 0.267 ng/ul m
 RT: 21.638 min Scan# 3166
 Delta R.T. 0.027 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03

Tgt Ion:252 Resp: 929
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.5 77.3#
 126 0.0 6.6 10.0#

Instrument :
 BNA_G
 ClientSampled :
 JCE05MSD

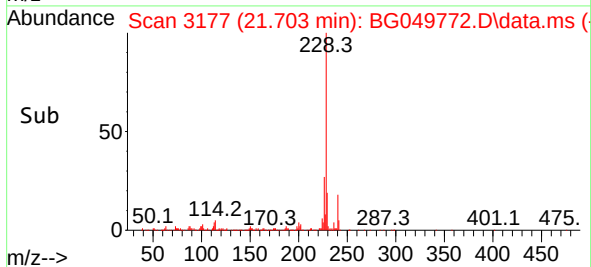
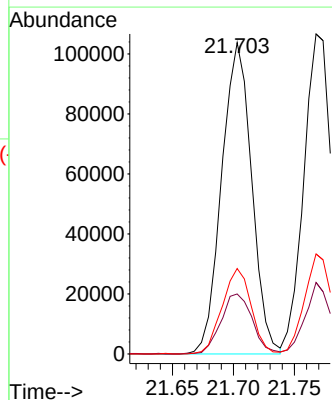
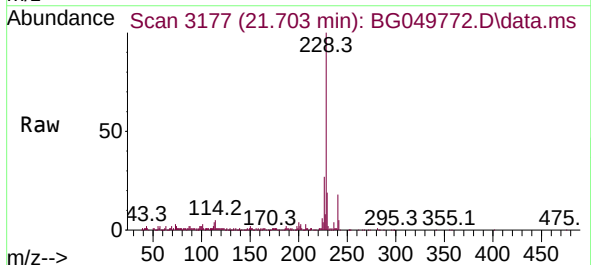
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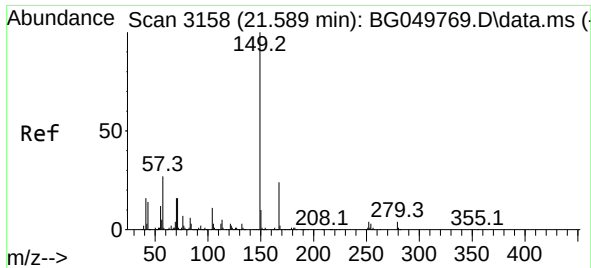
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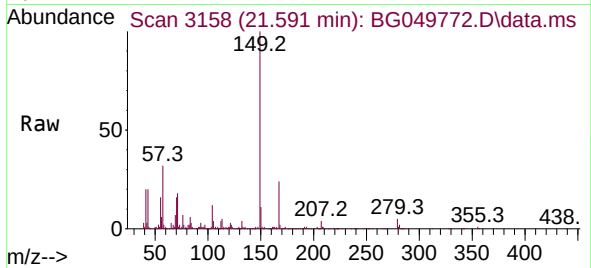
#85
 Benzo(a)anthracene
 Concen: 18.420 ng/ul
 RT: 21.703 min Scan# 3177
 Delta R.T. 0.003 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03

Tgt Ion:228 Resp: 177920
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.3 22.9
 226 27.5 21.0 31.6

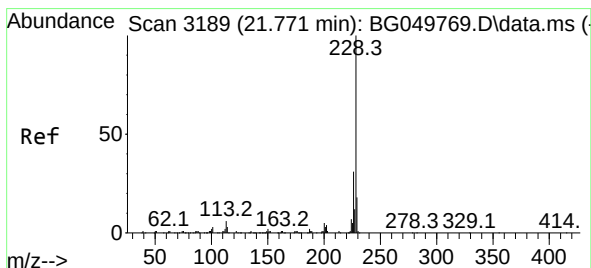
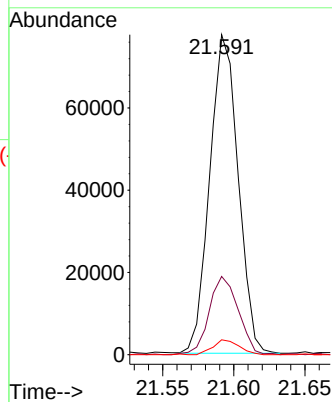
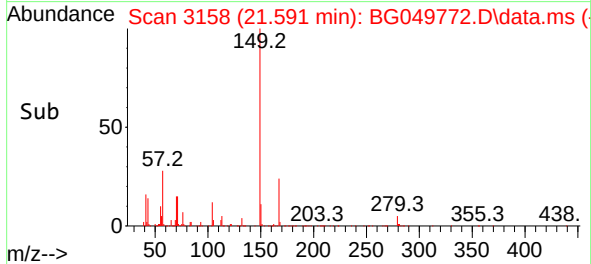




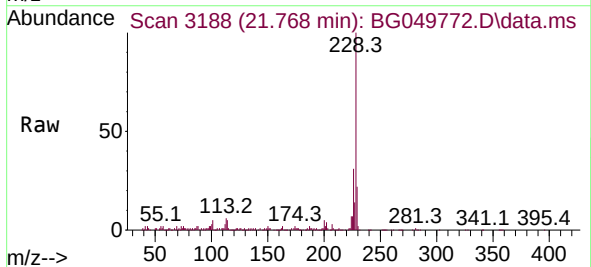
#86
Bis(2-ethylhexyl)phthalate
Concen: 19.323 ng/ul
RT: 21.591 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



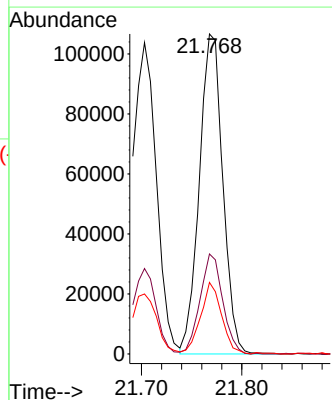
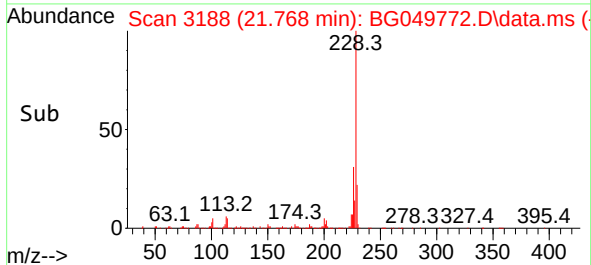
Tgt Ion:149 Resp: 107630
Ion Ratio Lower Upper
149 100
167 24.5 19.9 29.9
279 4.7 3.6 5.4



#87
Chrysene
Concen: 19.261 ng/ul
RT: 21.768 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03



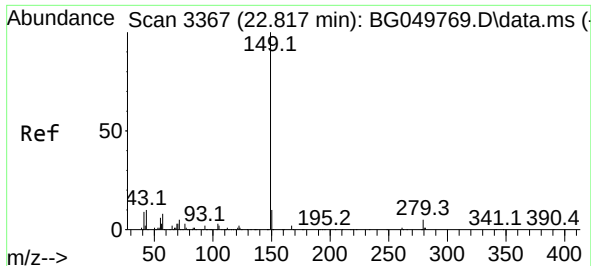
Tgt Ion:228 Resp: 173761
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.4 15.4 23.2



Instrument :
BNA_G
ClientSampleId :
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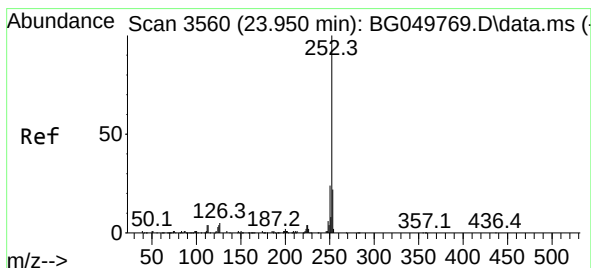
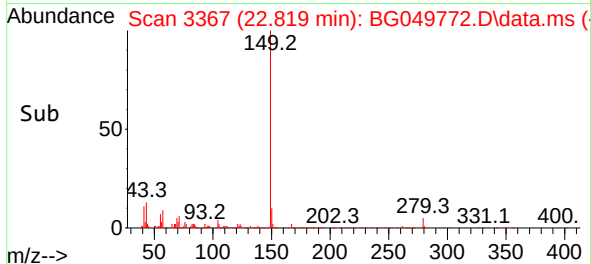
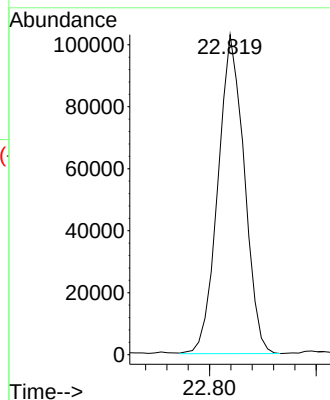
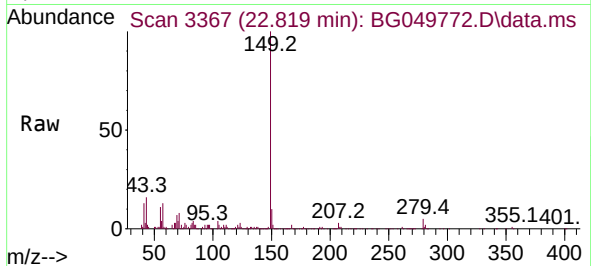
#89
Di-n-octyl phthalate
Concen: 18.879 ng/ul
RT: 22.819 min Scan# 3367
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:149 Resp: 176233

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

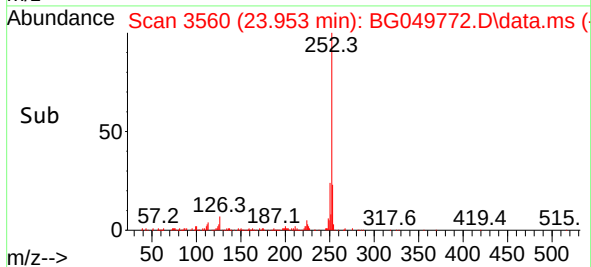
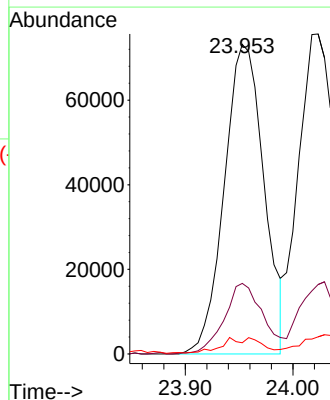
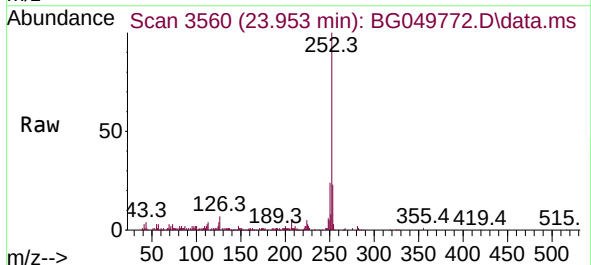
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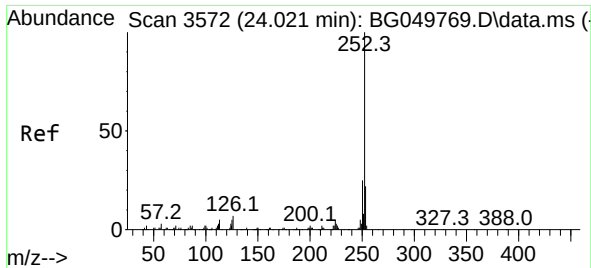
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#90
Benzo(b)fluoranthene
Concen: 19.171 ng/ul m
RT: 23.953 min Scan# 3560
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:252 Resp: 187521
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 3.6 3.7 5.5#





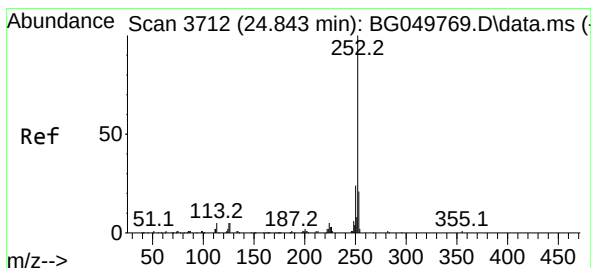
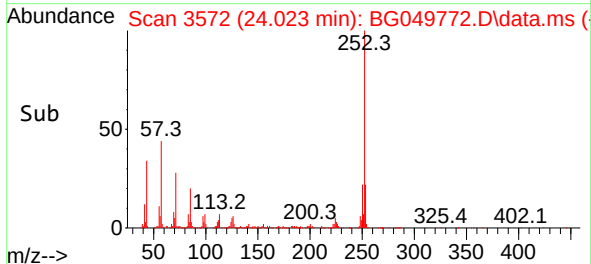
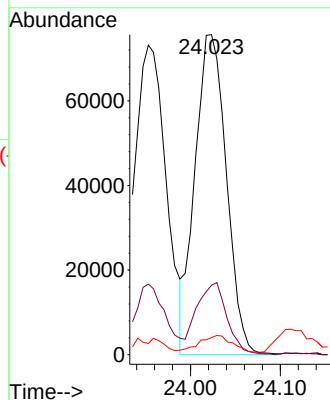
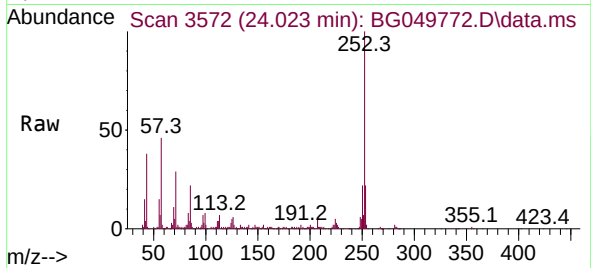
#91
Benzo(k)fluoranthene
Concen: 18.940 ng/ul
RT: 24.023 min Scan# 3572
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	252	Resp:	183948
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	5.3	3.8	5.8

Instrument :
BNA_G
ClientSampled :
JCE05MSD

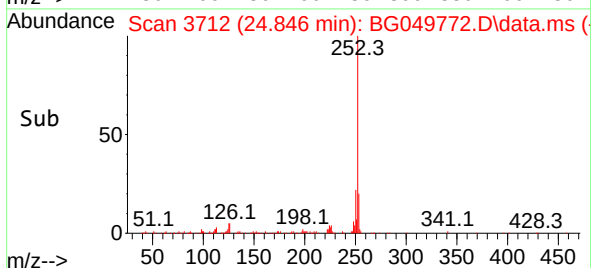
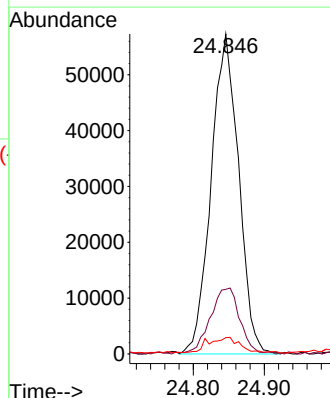
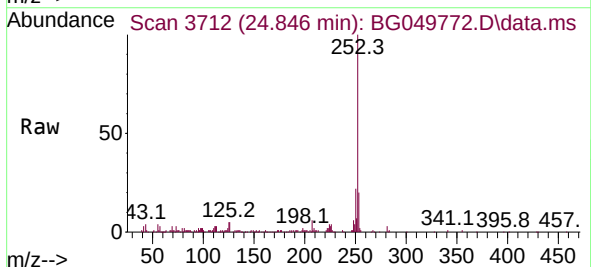
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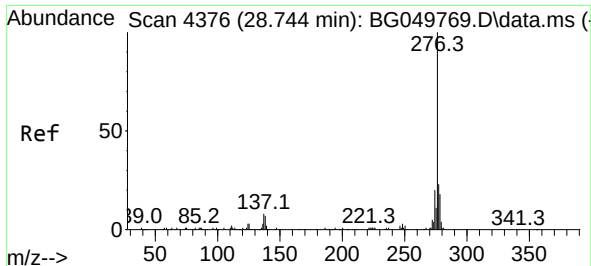
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#93
Benzo(a)pyrene
Concen: 17.856 ng/ul
RT: 24.846 min Scan# 3712
Delta R.T. 0.003 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	252	Resp:	153756
Ion Ratio	Lower	Upper	
252	100		
253	20.2	17.7	26.5
125	5.1	4.6	7.0





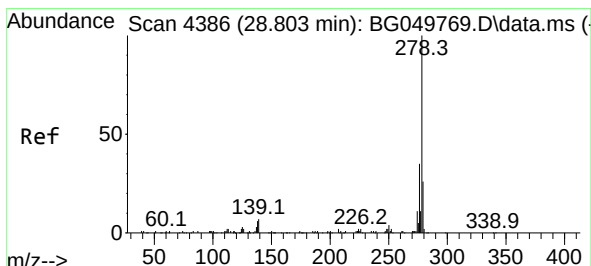
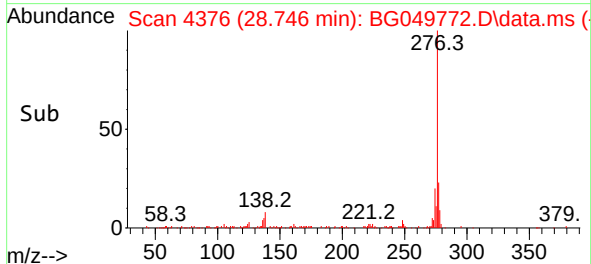
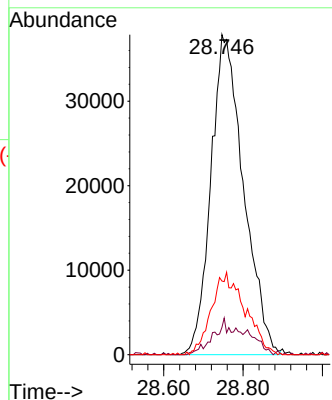
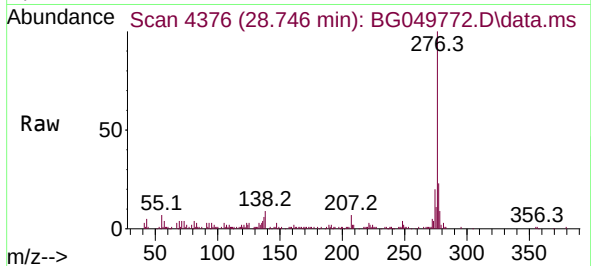
#94
Indeno(1,2,3-cd)pyrene
Concen: 19.140 ng/ul
RT: 28.746 min Scan# 4376
Delta R.T. 0.009 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion: 276 Resp: 216282
Ion Ratio Lower Upper
276 100
138 8.6 6.6 10.0
277 23.0 19.4 29.2

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

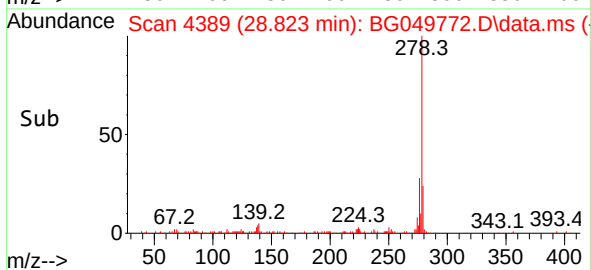
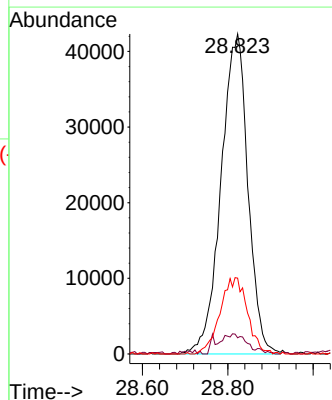
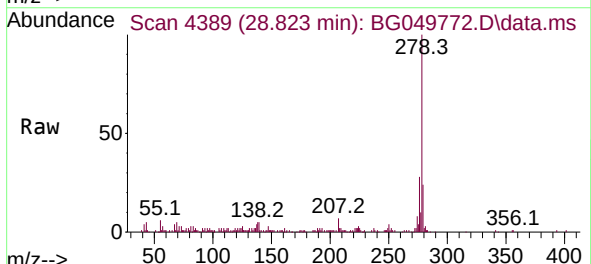
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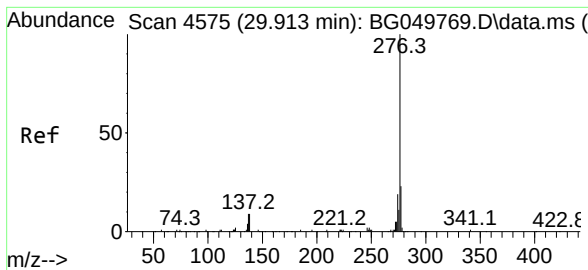
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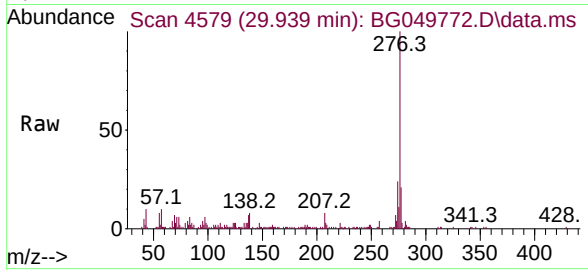
#95
Dibenzo(a,h)anthracene
Concen: 19.664 ng/ul
RT: 28.823 min Scan# 4389
Delta R.T. 0.021 min
Lab File: BG049772.D
Acq: 11 Aug 2021 2:03

Tgt Ion: 278 Resp: 185373
Ion Ratio Lower Upper
278 100
139 5.1 6.3 9.5#
279 23.7 18.9 28.3

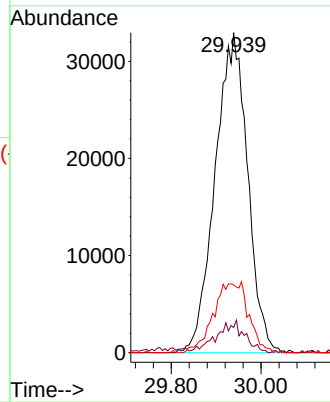
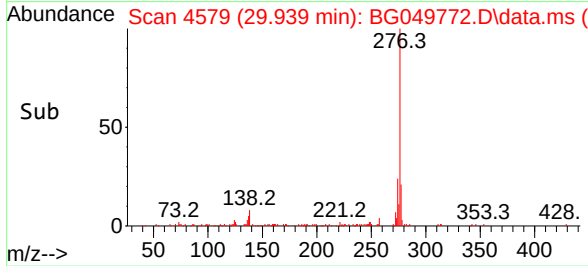




#96
 Benzo(g,h,i)perylene
 Concen: 17.586 ng/ul
 RT: 29.939 min Scan# 4579
 Delta R.T. 0.033 min
 Lab File: BG049772.D
 Acq: 11 Aug 2021 2:03



Tgt Ion: 276 Resp: 165256
 Ion Ratio Lower Upper
 276 100
 138 7.8 7.2 10.8
 277 21.2 19.5 29.3



Instrument :
 BNA_G
 ClientSampleId :
 JCE05MSD

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