

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
 Data File : BG049342.D
 Acq On : 15 Jul 2021 00:18
 Operator : CG/JU
 Sample : PB137619BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS619

Manual Integrations
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 7/15/2021 11:32:24 AM

Quant Time: Jul 15 01:28:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	35880	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.885	136	147216	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.710	164	104956	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.465	188	236310	20.000	ng/ul	0.00
79) Chrysene-d12	21.749	240	235258	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	244092	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	5796m	7.599	ng/uL	-0.01
4) Pyridine-d5	3.875	84	81053	36.139	ng/ul	-0.01
7) Phenol-d5	7.224	99	124375	39.851	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	69493	38.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	92973	40.306	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	100104	40.031	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	45300	40.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	54054	41.682	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.503	165	108092	42.717	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.020	131	122727	37.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	331950	41.125	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	387234	40.887	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.915	143	49290	36.893	ng/ul	0.00
60) Fluorene-d10	15.703	176	276000	40.386	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.820	200	55393	36.879	ng/ul	0.00
73) Anthracene-d10	17.565	188	436190	40.542	ng/ul	0.00
81) Pyrene-d10	19.845	212	520523	43.169	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.816	264	550218	43.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	12596m	13.560	ng/uL	
5) Pyridine	3.899	79	83739	33.656	ng/ul	96
6) Benzaldehyde	7.201	77	76516m	40.752	ng/ul	
8) Phenol	7.254	94	116209	37.231	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.483	93	83397	35.935	ng/ul	90
12) 2-Chlorophenol	7.630	128	89545	38.459	ng/ul	97
13) 2-Methylphenol	8.511	108	86956	36.574	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.594	45	145591	39.002	ng/ul	96
16) Acetophenone	8.893	105	150891	36.785	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.876	70	78318	37.575	ng/ul	94
18) 4-Methylphenol	8.846	108	93203	37.682	ng/ul	95
19) Hexachloroethane	9.158	117	40925	38.821	ng/ul	87
22) Nitrobenzene	9.281	77	125550	39.409	ng/ul	97
23) Isophorone	9.804	82	213914	38.871	ng/ul#	97
25) 2-Nitrophenol	9.992	139	52928	40.006	ng/ul	95
26) 2,4-Dimethylphenol	10.051	107	106995	36.524	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.286	93	115903	39.503	ng/ul	92
29) 2,4-Dichlorophenol	10.532	162	95255	41.199	ng/ul	95
30) Naphthalene	10.938	128	282676	38.512	ng/ul	98
32) 4-Chloroaniline	11.044	127	115861	35.638	ng/ul	98
33) Hexachlorobutadiene	11.220	225	77137	39.342	ng/ul	96
34) Caprolactam	11.813	113	29631m	36.840	ng/ul	
35) 4-Chloro-3-methylphenol	12.166	107	105247	40.751	ng/ul	97
36) 2-Methylnaphthalene	12.542	142	220790	39.592	ng/ul	93

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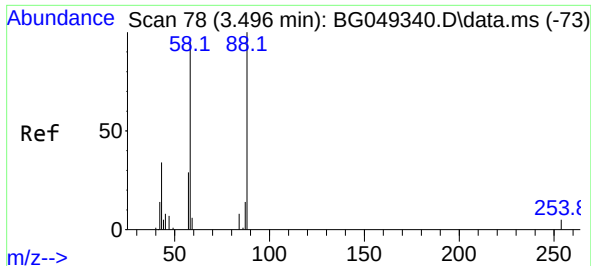
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	211373	38.114	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.906	216	128260	38.907	ng/ul#	97
40) Hexachlorocyclopentadiene	12.888	237	71026	32.442	ng/ul	93
41) 2,4,6-Trichlorophenol	13.147	196	86872	40.739	ng/ul	93
42) 2,4,5-Trichlorophenol	13.223	196	92146	40.627	ng/ul	93
43) 1,1'-Biphenyl	13.547	154	279619	39.434	ng/ul	98
44) 2-Chloronaphthalene	13.588	162	213891	38.500	ng/ul	98
45) 2-Nitroaniline	13.793	65	82825	40.663	ng/ul	90
47) Dimethylphthalate	14.163	163	293763	39.210	ng/ul#	98
48) 2,6-Dinitrotoluene	14.281	165	63917	39.614	ng/ul	92
50) Acenaphthylene	14.434	152	323584	38.417	ng/ul	99
51) 3-Nitroaniline	14.616	138	56399	38.386	ng/ul	85
52) Acenaphthene	14.774	153	236735	38.701	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	43101m	42.150	ng/ul	
55) 4-Nitrophenol	14.927	109	64433	38.204	ng/ul	90
56) Dibenzofuran	15.109	168	338445	39.040	ng/ul	95
57) 2,4-Dinitrotoluene	15.068	165	90296	38.781	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.339	232	81675	38.402	ng/ul	93
59) Diethylphthalate	15.521	149	313317	38.905	ng/ul	99
61) Fluorene	15.762	166	286288	39.020	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.750	204	160931	39.899	ng/ul	97
63) 4-Nitroaniline	15.785	138	56146	38.926	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.838	198	52387	36.651	ng/ul#	97
67) N-Nitrosodiphenylamine	15.961	169	244706	40.673	ng/ul	98
68) 4-Bromophenyl-phenylether	16.643	248	111022	42.123	ng/ul	94
69) Hexachlorobenzene	16.766	284	125416	42.016	ng/ul	97
70) Atrazine	16.913	200	112524	40.865	ng/ul	98
71) Pentachlorophenol	17.113	266	96101	53.943	ng/ul	98
72) Phenanthrene	17.507	178	467551	40.565	ng/ul	99
74) Anthracene	17.595	178	452348	38.419	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.511	216	135063	41.896	ng/ul	94
76) Pentachlorobenzene	15.033	250	143722	42.025	ng/ul	97
77) Carbazole	17.865	167	409967	39.032	ng/ul	99
78) Di-n-butylphthalate	18.417	149	504374	38.380	ng/ul	99
80) Fluoranthene	19.510	202	573295	40.881	ng/ul	99
82) Pyrene	19.874	202	556097	39.799	ng/ul	99
83) Butylbenzylphthalate	20.756	149	225357	41.081	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.637	252	217101	39.497	ng/ul	97
85) Benzo(a)anthracene	21.725	228	577797	39.965	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.625	149	334907	41.858	ng/ul	99
87) Chrysene	21.796	228	544543	39.819	ng/ul	99
89) Di-n-octyl phthalate	22.859	149	550912	40.097	ng/ul	100
90) Benzo(b)fluoranthene	23.993	252	636237	42.252	ng/ul#	98
91) Benzo(k)fluoranthene	24.058	252	599856m	40.856	ng/ul	
93) Benzo(a)pyrene	24.886	252	550099	41.511	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.793	276	711606m	41.619	ng/ul	
95) Dibenzo(a,h)anthracene	28.870	278	587606	41.492	ng/ul	95
96) Benzo(g,h,i)perylene	29.974	276	590205m	41.751	ng/ul	

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



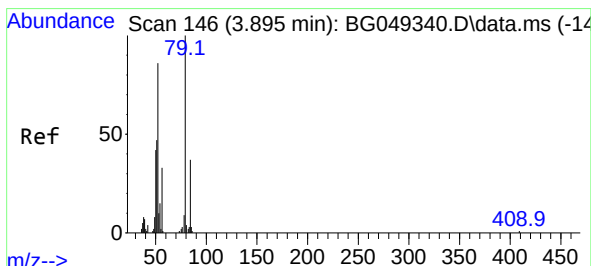
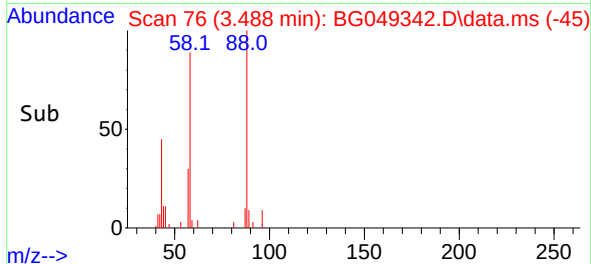
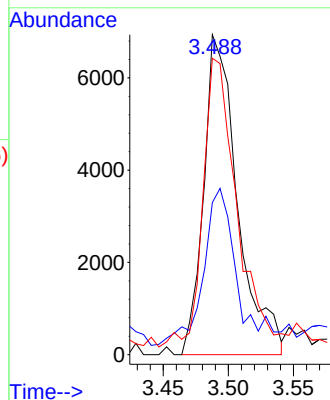
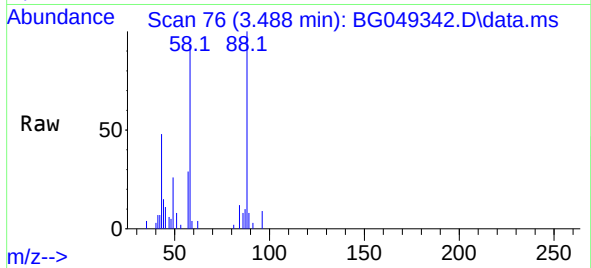
#2
1,4-Dioxane
Concen: 13.560 ng/uL m
RT: 3.488 min Scan# 76
Delta R.T. -0.017 min
Lab File: BG049342.D
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Tgt Ion:	88	Resp:	12596
Ion	Ratio	Lower	Upper
88	100		
43	47.6	32.5	48.7
58	92.6	72.7	109.1

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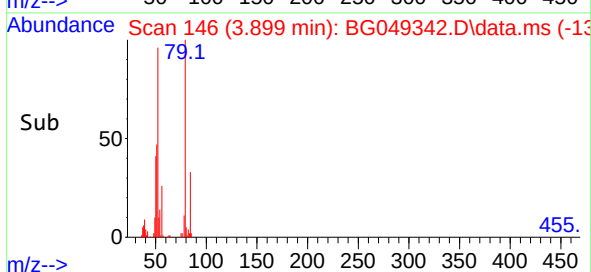
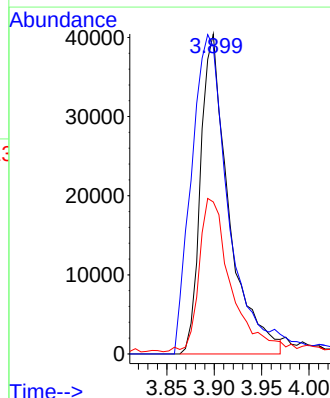
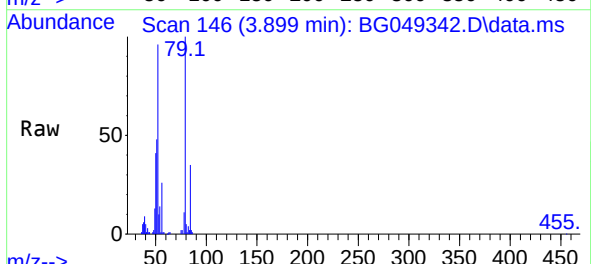
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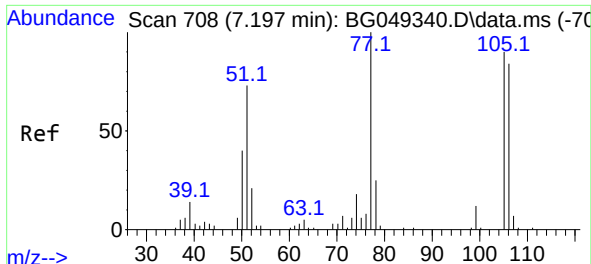
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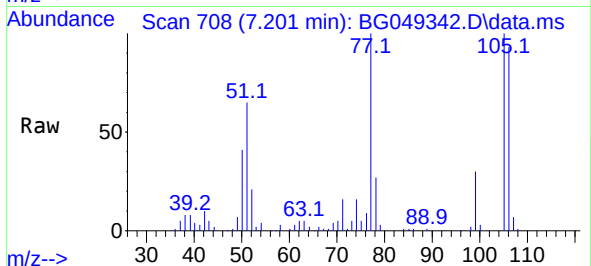
#5
Pyridine
Concen: 33.656 ng/uL
RT: 3.899 min Scan# 146
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:	79	Resp:	83739
Ion	Ratio	Lower	Upper
79	100		
52	96.0	74.4	111.6
51	47.5	34.4	51.6

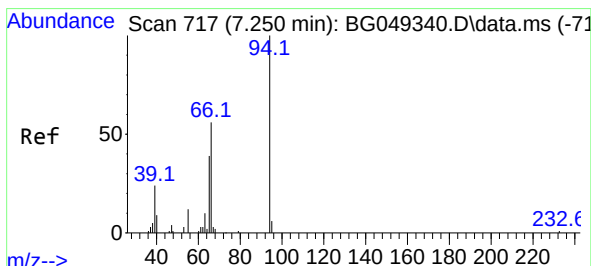
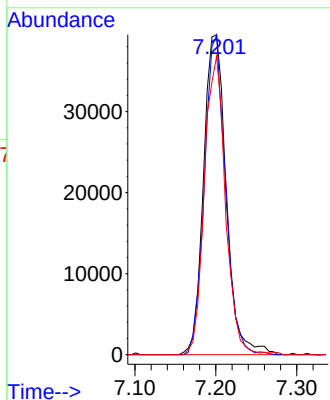
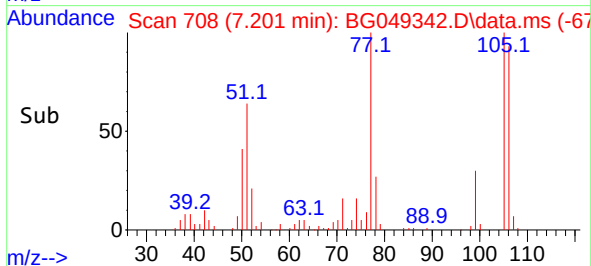




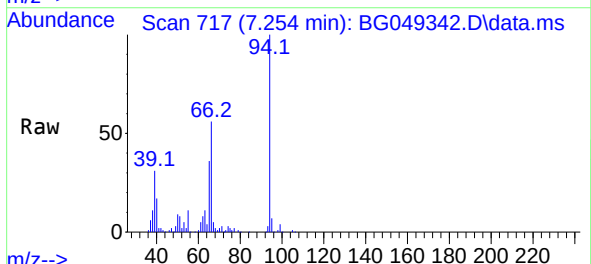
#6
Benzaldehyde
Concen: 40.752 ng/ul m
RT: 7.201 min Scan# 708
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



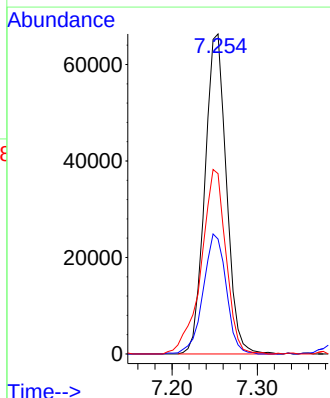
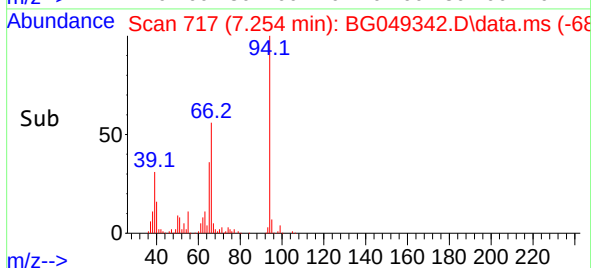
Tgt Ion: 77 Resp: 76516
Ion Ratio Lower Upper
77 100
105 99.8 72.6 109.0
106 93.3 72.3 108.5



#8
Phenol
Concen: 37.231 ng/ul
RT: 7.254 min Scan# 717
Delta R.T. 0.000 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



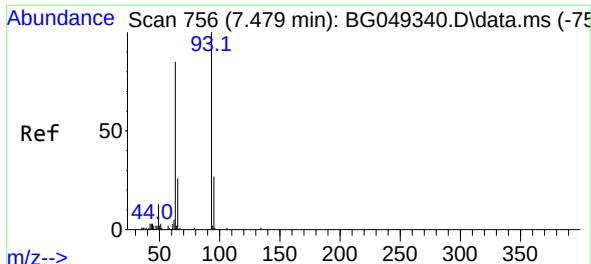
Tgt Ion: 94 Resp: 116209
Ion Ratio Lower Upper
94 100
65 35.9 27.2 40.8
66 56.4 40.6 60.8



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#10
Bis(2-Chloroethyl)ether
Concen: 35.935 ng/ul
RT: 7.483 min Scan# 756
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

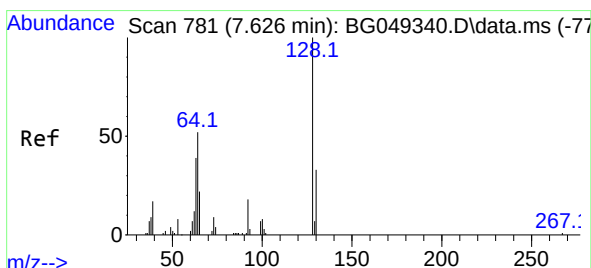
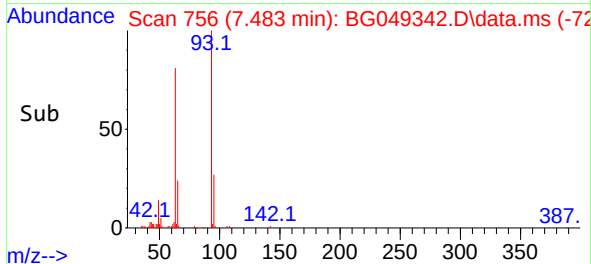
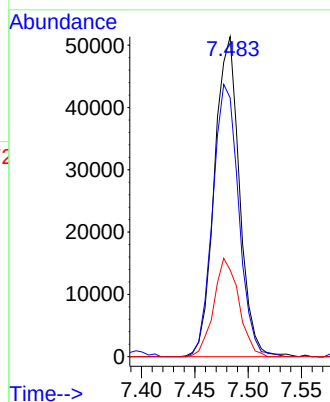
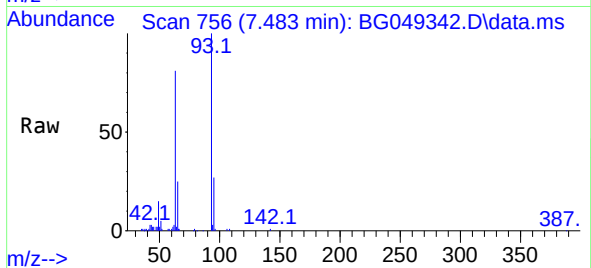
Tgt Ion: 93 Resp: 83397

Ion	Ratio	Lower	Upper
93	100		
63	81.0	55.9	83.9
95	27.1	21.4	32.2

Instrument :
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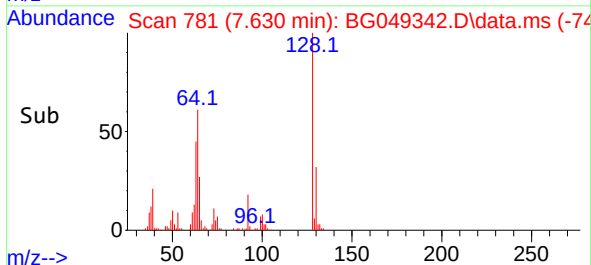
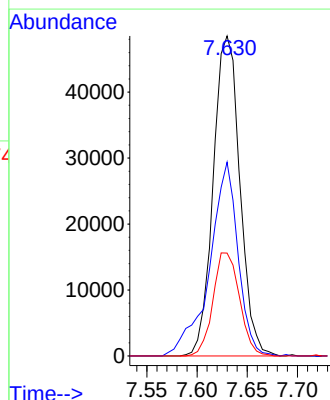
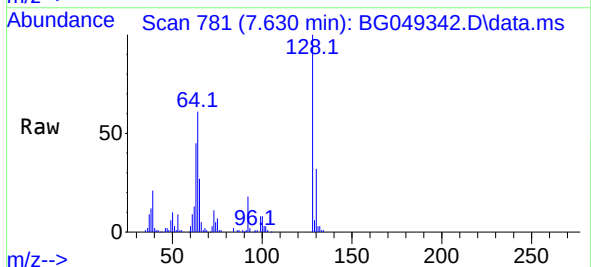
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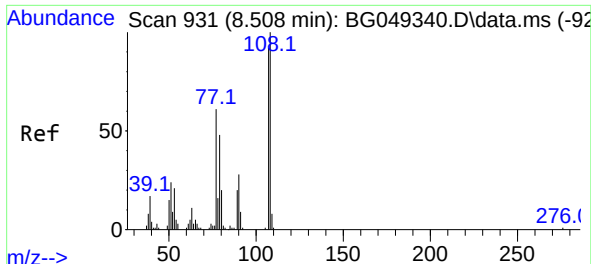


#12
2-Chlorophenol
Concen: 38.459 ng/ul
RT: 7.630 min Scan# 781
Delta R.T. -0.011 min
Lab File: BG049342.D
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Tgt Ion: 128 Resp: 89545

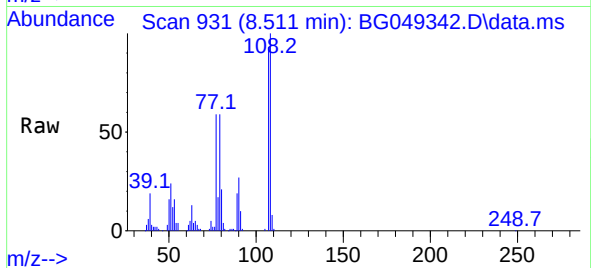
Ion	Ratio	Lower	Upper
128	100		
64	60.5	46.0	69.0
130	32.2	26.7	40.1





#13
2-Methylphenol
Concen: 36.574 ng/ul
RT: 8.511 min Scan# 931
Delta R.T. 0.000 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

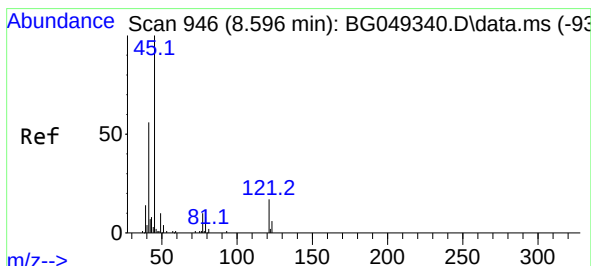
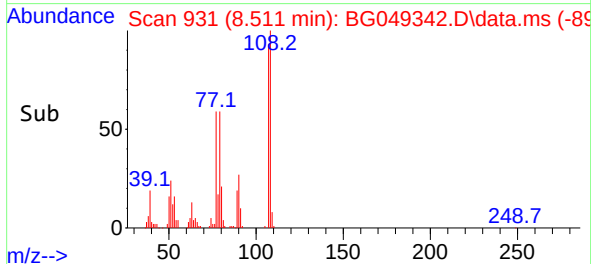
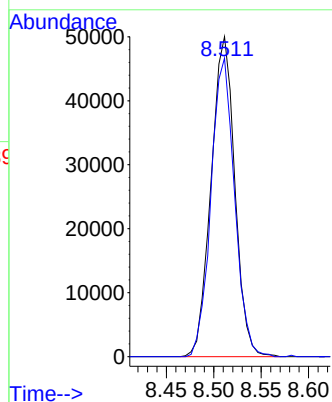
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Tgt Ion:108 Resp: 86956
Ion Ratio Lower Upper
108 100
107 93.3 68.0 102.0

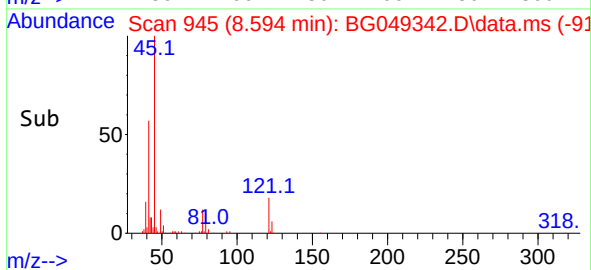
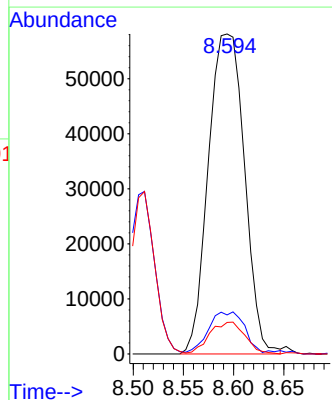
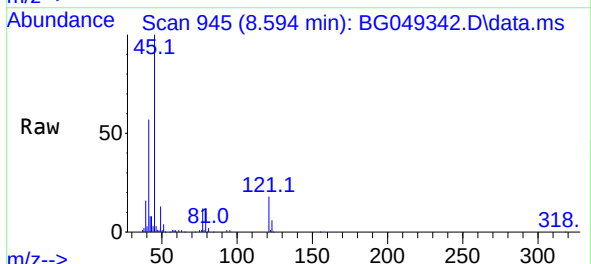
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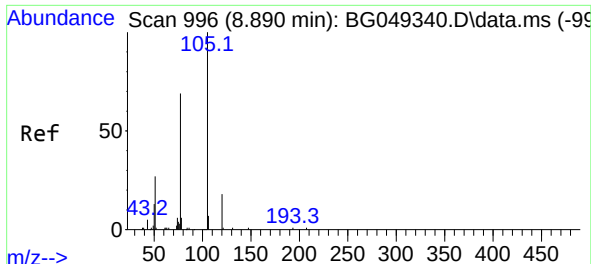
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.002 ng/ul
RT: 8.594 min Scan# 945
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

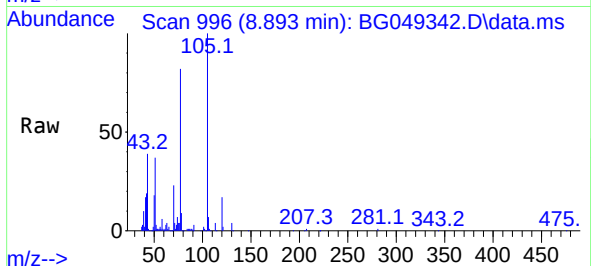
Tgt Ion: 45 Resp: 145591
Ion Ratio Lower Upper
45 100
77 12.2 11.7 17.5
79 9.9 8.2 12.4





#16
Acetophenone
Concen: 36.785 ng/ul
RT: 8.893 min Scan# 996
Delta R.T. -0.011 min
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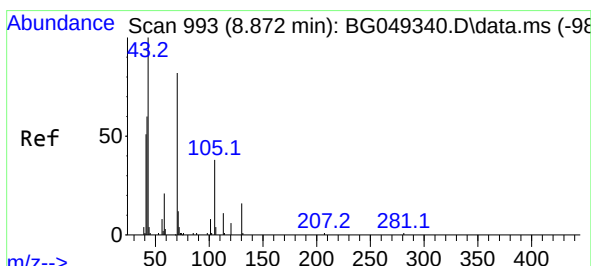
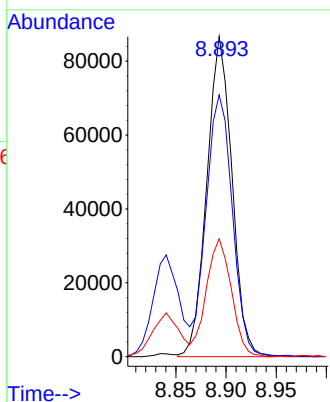
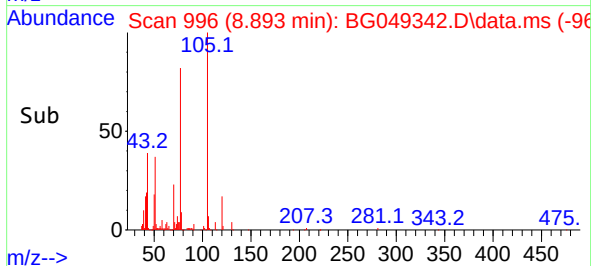
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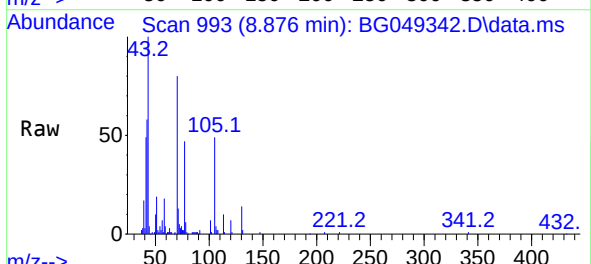
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Ion Ratio Lower Upper
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77 81.8 62.4 93.6
51 36.9 26.1 39.1

Manual Integrations
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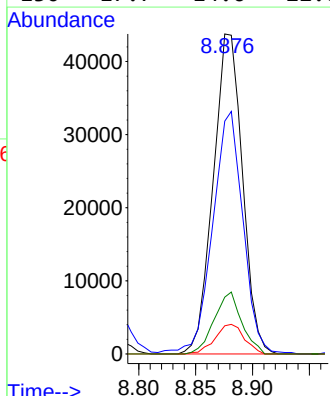
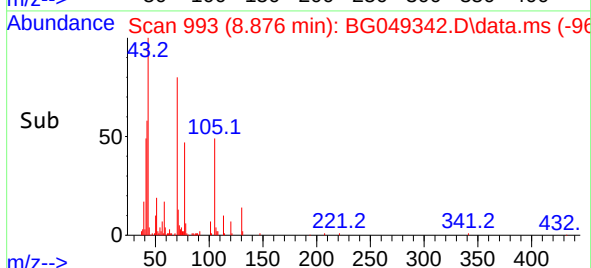
mohammad
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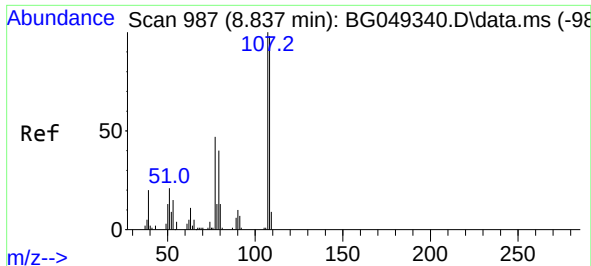


#17
N-Nitroso-di-n-propylamine
Concen: 37.575 ng/ul
RT: 8.876 min Scan# 993
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



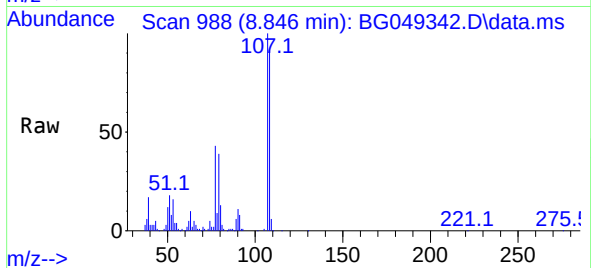
Tgt Ion: 70 Resp: 78318
Ion Ratio Lower Upper
70 100
42 72.8 53.0 79.6
101 8.8 7.8 11.6
130 17.7 14.6 22.0





#18
4-Methylphenol
Concen: 37.682 ng/ul
RT: 8.846 min Scan# 988
Delta R.T. 0.000 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

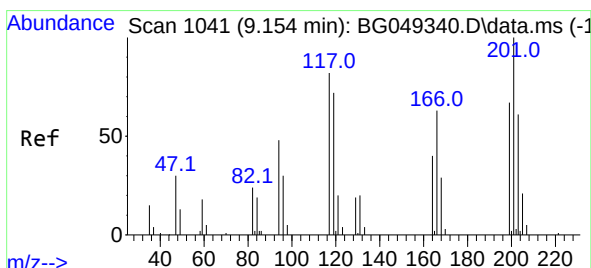
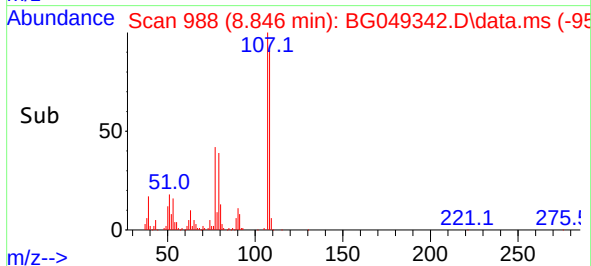
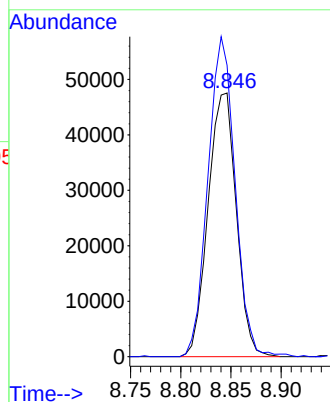
Instrument :
BNA_G
ClientSampleId :
SLCS619



Tgt Ion:108 Resp: 93203
Ion Ratio Lower Upper
108 100
107 110.5 84.6 126.8

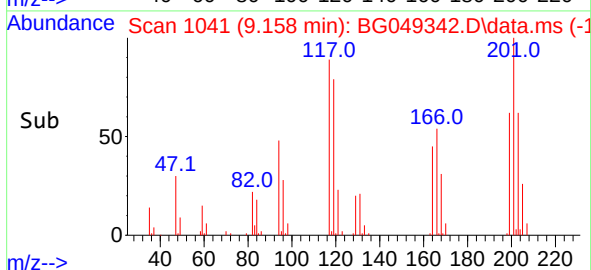
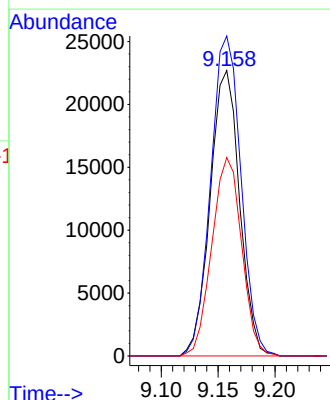
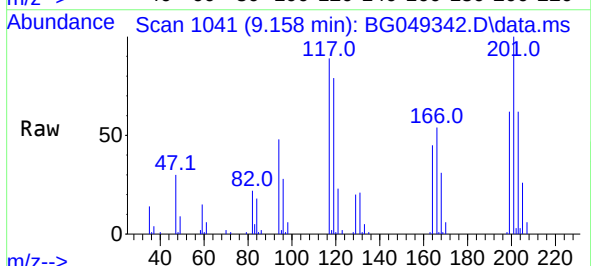
Manual Integrations
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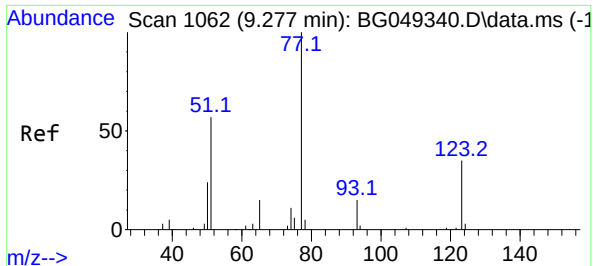
mohammad
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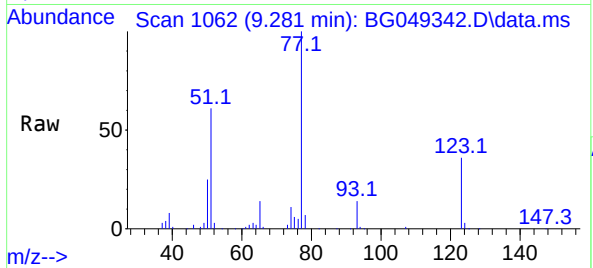
#19
Hexachloroethane
Concen: 38.821 ng/ul
RT: 9.158 min Scan# 1041
Delta R.T. -0.017 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:117 Resp: 40925
Ion Ratio Lower Upper
117 100
201 112.1 102.6 154.0
199 69.5 62.9 94.3

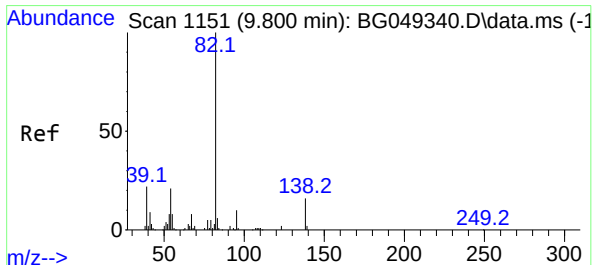
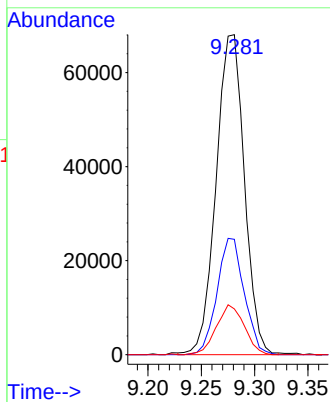
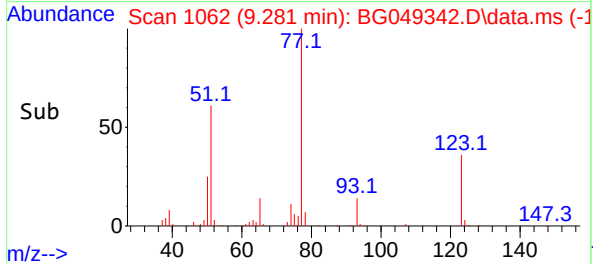




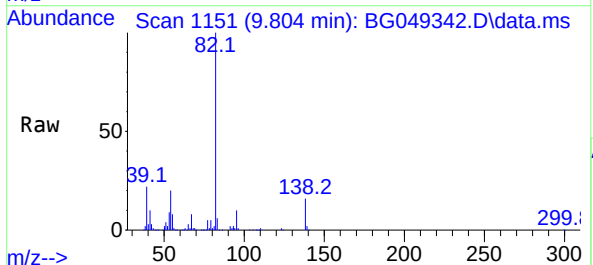
#22
Nitrobenzene
Concen: 39.409 ng/ul
RT: 9.281 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



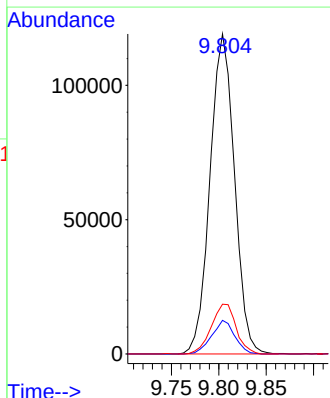
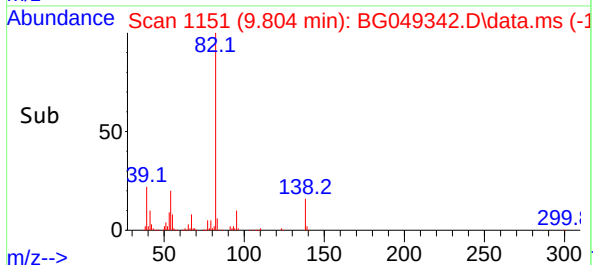
Tgt Ion: 77 Resp: 125550
Ion Ratio Lower Upper
77 100
123 36.1 27.7 41.5
65 14.3 10.0 15.0



#23
Isophorone
Concen: 38.871 ng/ul
RT: 9.804 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



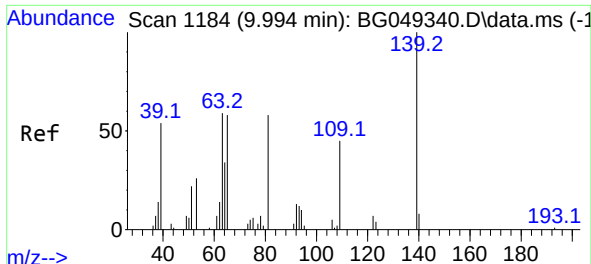
Tgt Ion: 82 Resp: 213914
Ion Ratio Lower Upper
82 100
95 10.5 6.7 10.1#
138 15.6 12.7 19.1



Instrument :
BNA_G
ClientSampled :
SLCS619

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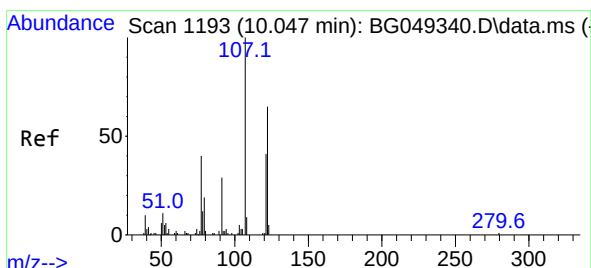
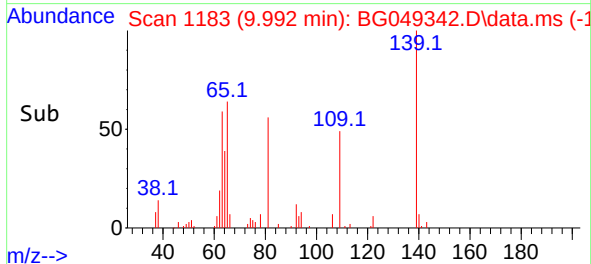
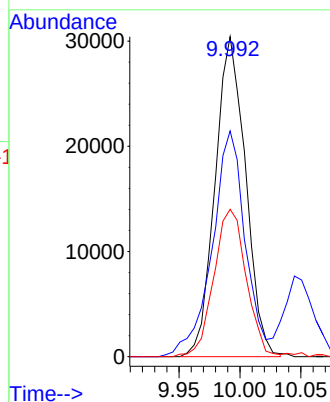
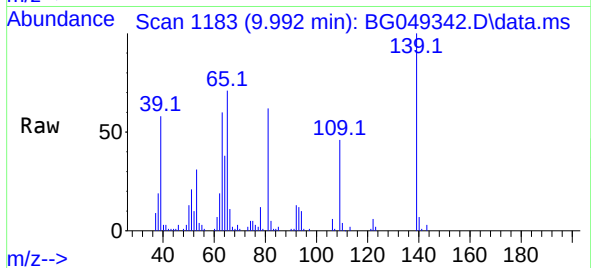
#25
2-Nitrophenol
Concen: 40.006 ng/ul
RT: 9.992 min Scan# 1183
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Instrument :
BNA_G
ClientSampleId :
SLCS619

Tgt Ion:139 Resp: 52928
Ion Ratio Lower Upper
139 100
65 70.6 54.1 81.1
109 46.1 40.4 60.6

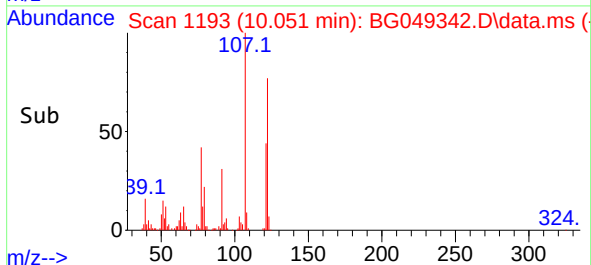
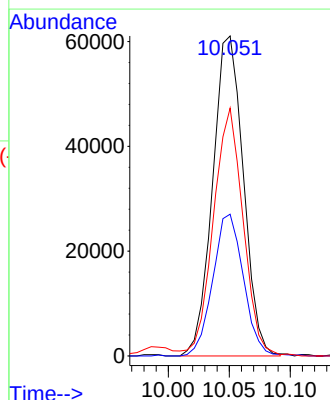
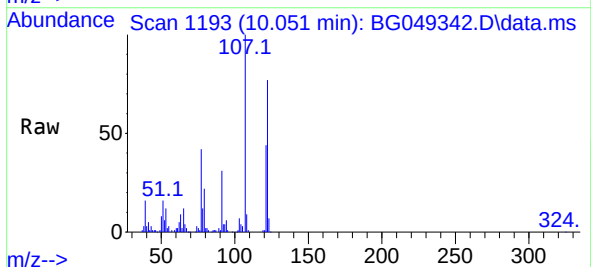
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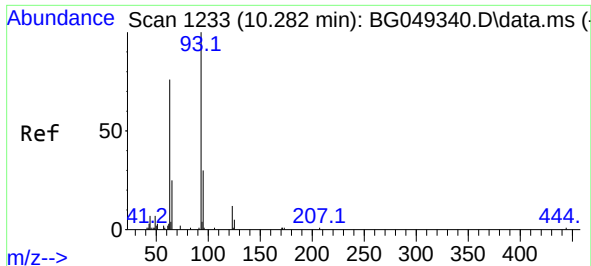
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#26
2,4-Dimethylphenol
Concen: 36.524 ng/ul
RT: 10.051 min Scan# 1193
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

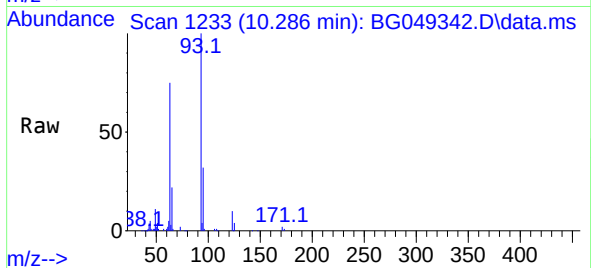
Tgt Ion:107 Resp: 106995
Ion Ratio Lower Upper
107 100
121 44.3 35.0 52.4
122 77.4 56.5 84.7





#27
Bis(2-Chloroethoxy)methane
Concen: 39.503 ng/ul
RT: 10.286 min Scan# 1233
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

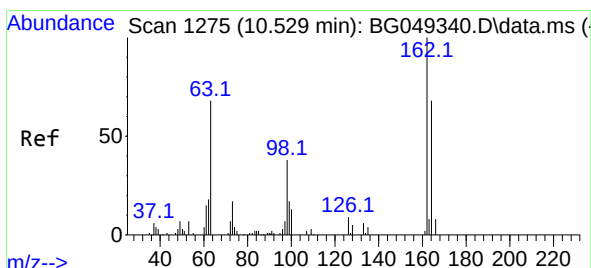
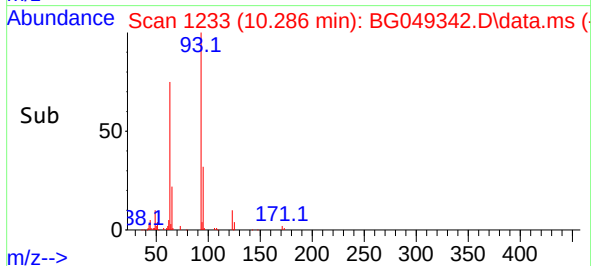
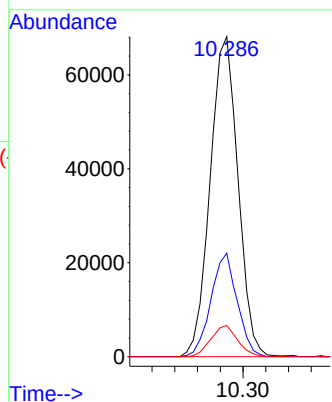
Instrument :
BNA_G
ClientSampled :
SLCS619



Tgt Ion: 93 Resp: 115903
Ion Ratio Lower Upper
93 100
95 32.4 21.9 32.9
123 9.8 7.0 10.6

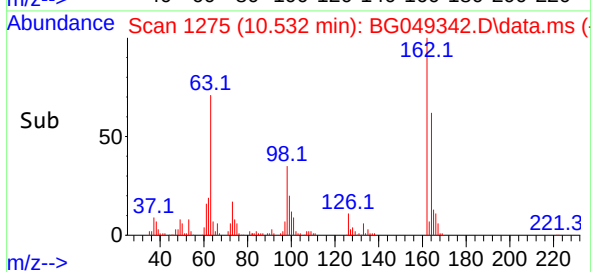
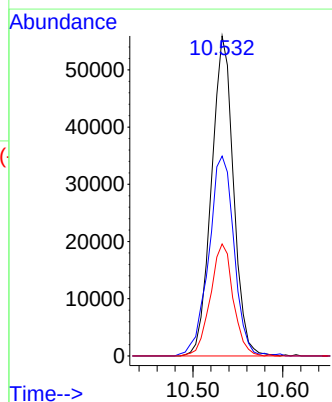
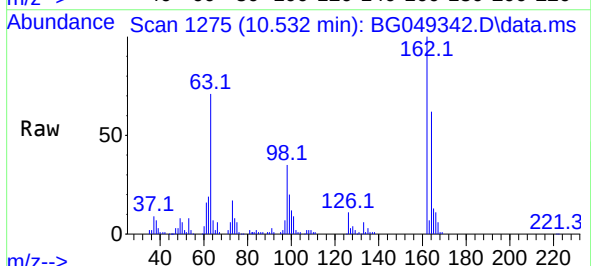
Manual Integrations
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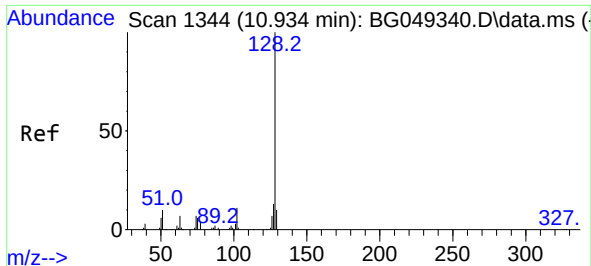
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#29
2,4-Dichlorophenol
Concen: 41.199 ng/ul
RT: 10.532 min Scan# 1275
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

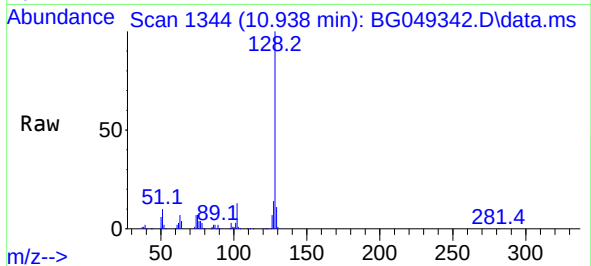
Tgt Ion: 162 Resp: 95255
Ion Ratio Lower Upper
162 100
164 62.4 53.4 80.2
98 35.0 25.8 38.8





#30
Naphthalene
Concen: 38.512 ng/ul
RT: 10.938 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

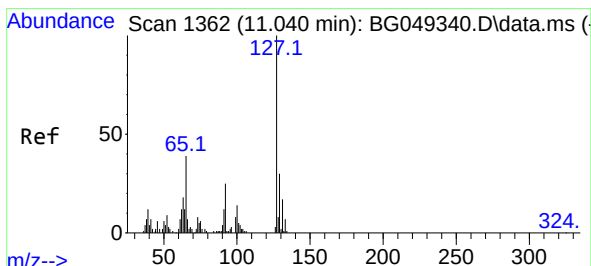
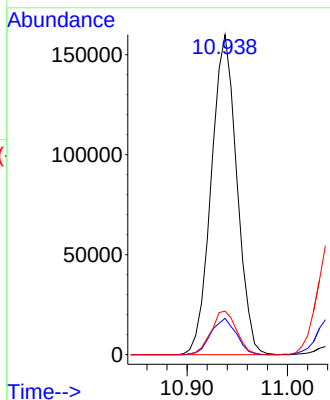
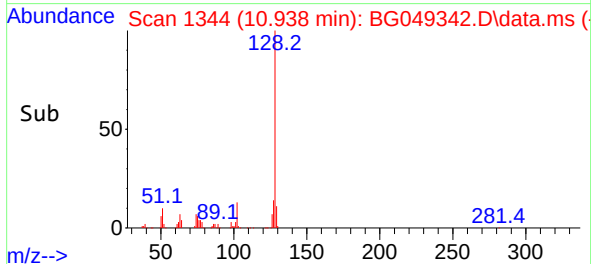
Instrument :
BNA_G
ClientSampleId :
SLCS619



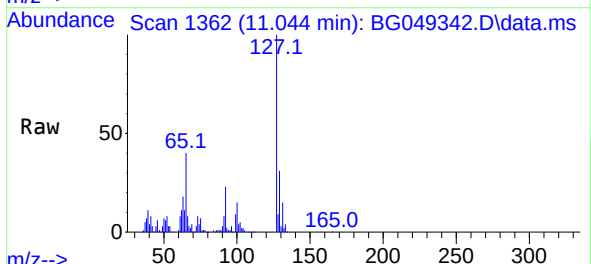
Tgt Ion:128 Resp: 282676
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.6 11.8 17.6

Manual Integrations
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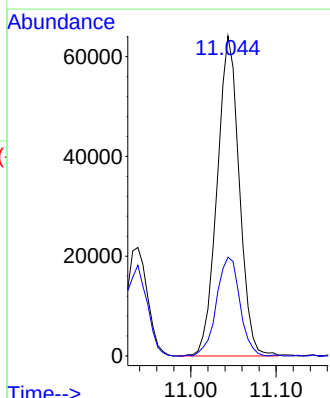
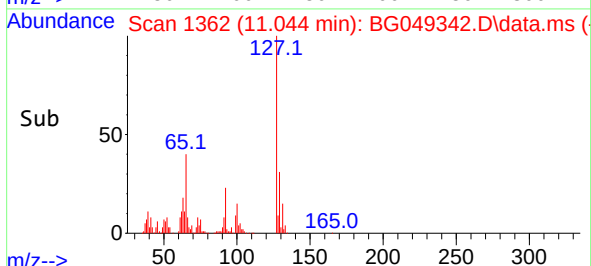
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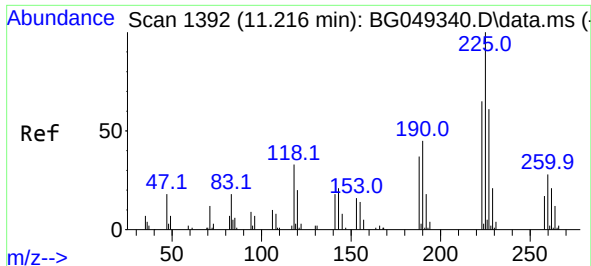


#32
4-Chloroaniline
Concen: 35.638 ng/ul
RT: 11.044 min Scan# 1362
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



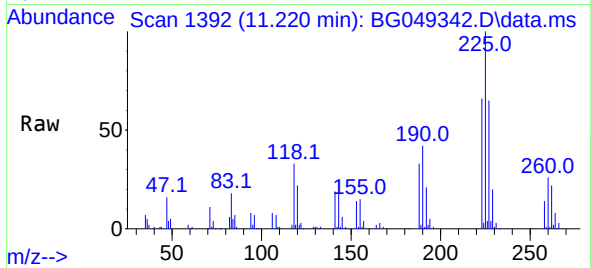
Tgt Ion:127 Resp: 115861
Ion Ratio Lower Upper
127 100
129 30.8 23.8 35.8





#33
Hexachlorobutadiene
Concen: 39.342 ng/ul
RT: 11.220 min Scan# 1392
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

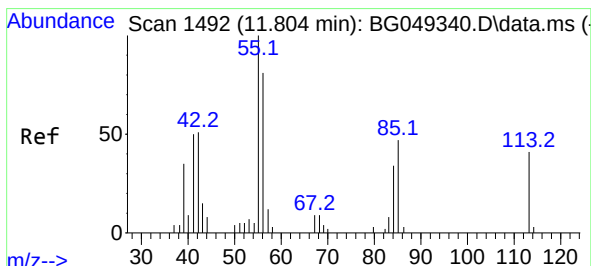
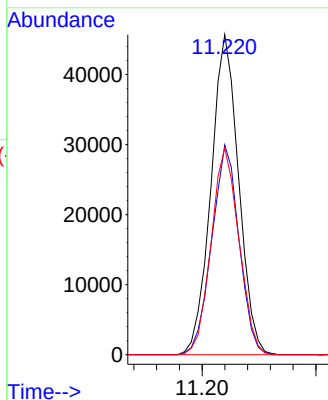
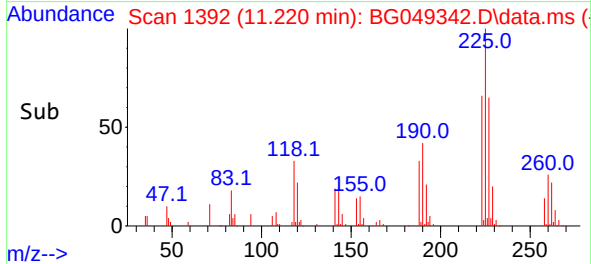
Instrument :
BNA_G
ClientSampled :
SLCS619



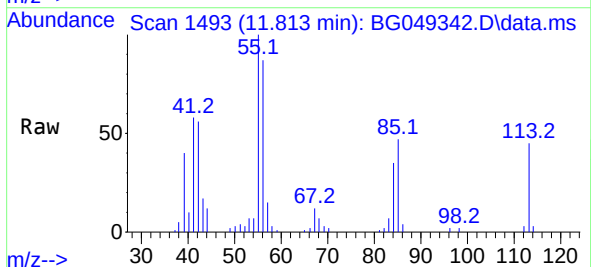
Tgt Ion:225 Resp: 77137
Ion Ratio Lower Upper
225 100
223 65.6 49.0 73.4
227 64.6 53.1 79.7

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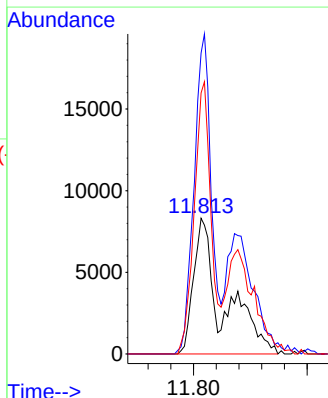
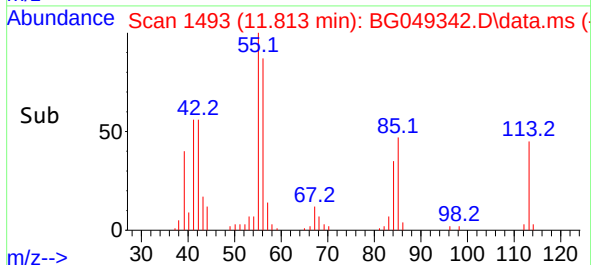
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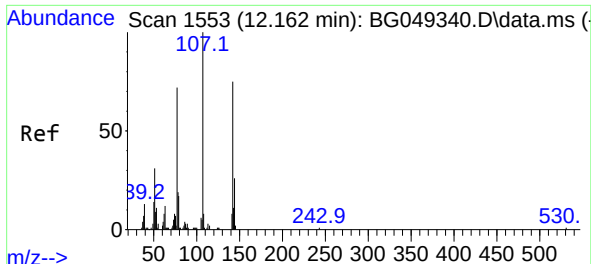


#34
Caprolactam
Concen: 36.840 ng/ul m
RT: 11.813 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



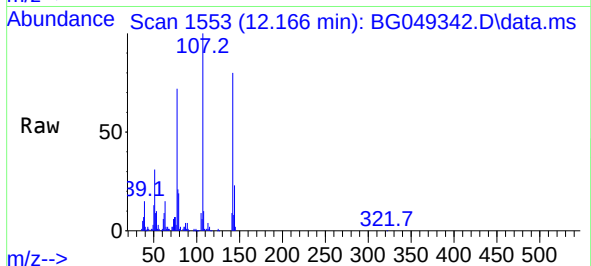
Tgt Ion:113 Resp: 29631
Ion Ratio Lower Upper
113 100
55 221.8 179.0 268.4
56 192.5 137.5 206.3





#35
4-Chloro-3-methylphenol
Concen: 40.751 ng/ul
RT: 12.166 min Scan# 1553
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

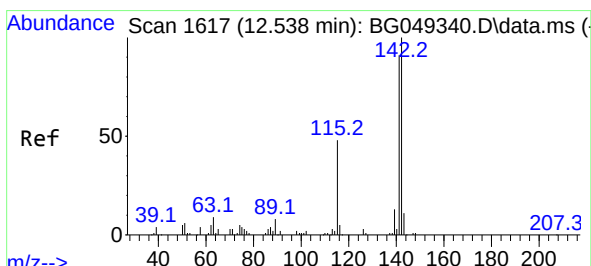
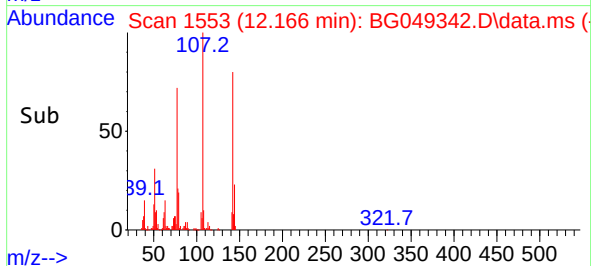
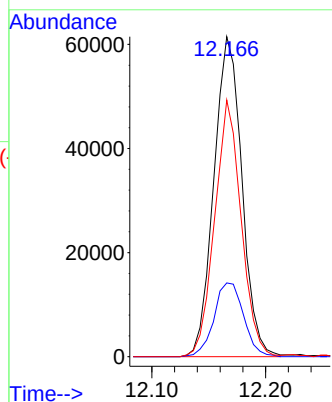
Instrument :
BNA_G
ClientSampleId :
SLCS619



Tgt Ion:107 Resp: 105247
Ion Ratio Lower Upper
107 100
144 23.0 22.3 33.5
142 80.2 64.7 97.1

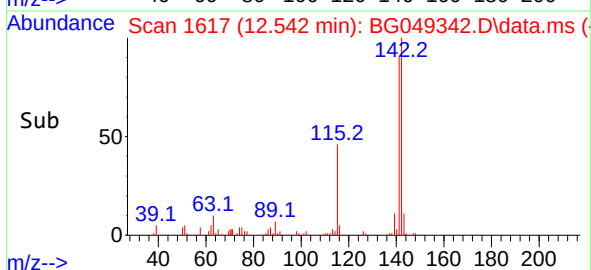
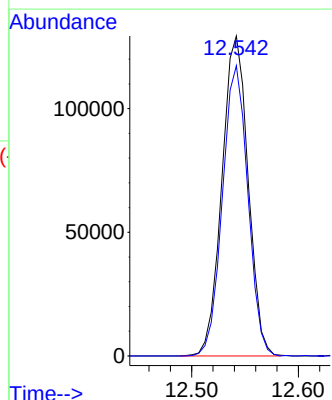
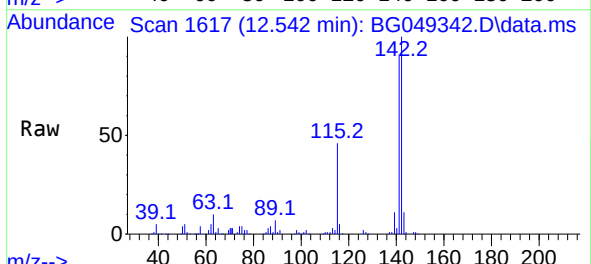
Manual Integrations
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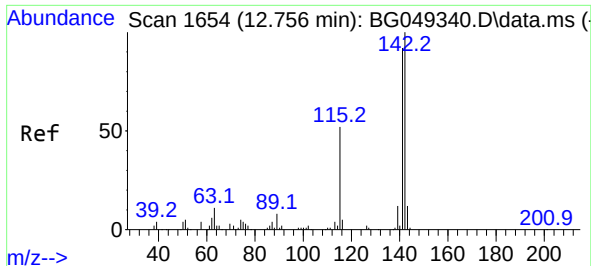
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#36
2-Methylnaphthalene
Concen: 39.592 ng/ul
RT: 12.542 min Scan# 1617
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:142 Resp: 220790
Ion Ratio Lower Upper
142 100
141 90.7 78.0 117.0





#37

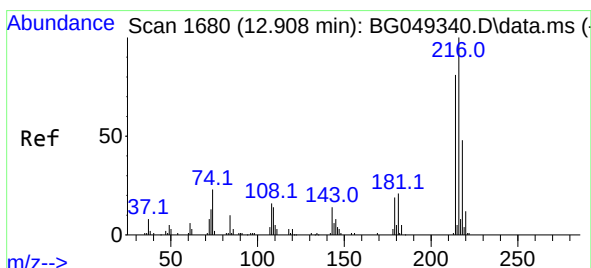
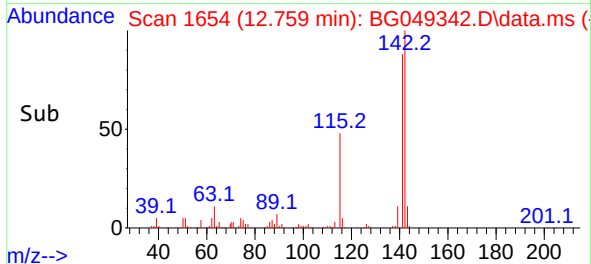
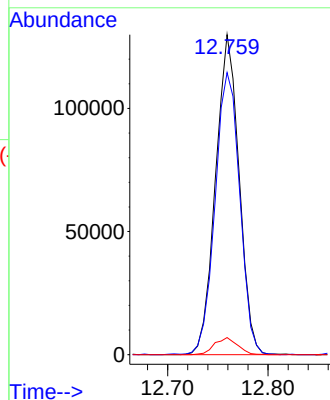
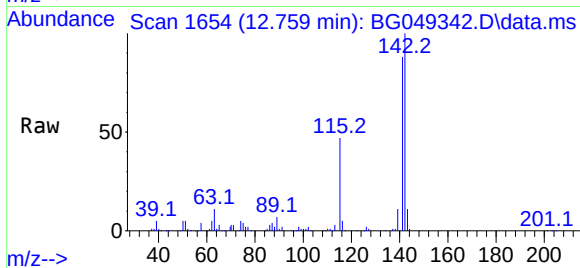
1-Methylnaphthalene
Concen: 38.114 ng/ul
RT: 12.759 min Scan# 1654
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:142 Resp: 211373
Ion Ratio Lower Upper
142 100
141 88.1 78.0 117.0
116 5.4 3.2 4.8#

Instrument :
BNA_G
ClientSampleId :
SLCS619

Manual Integrations
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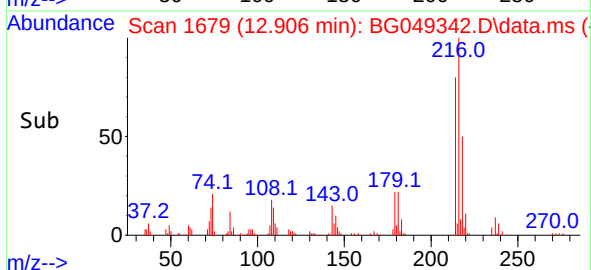
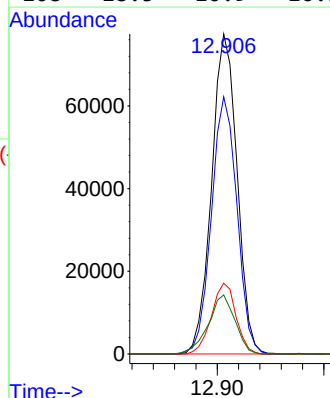
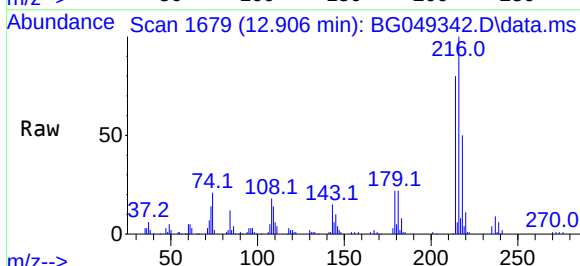
mohammad
7/15/2021 11:32:24 AM

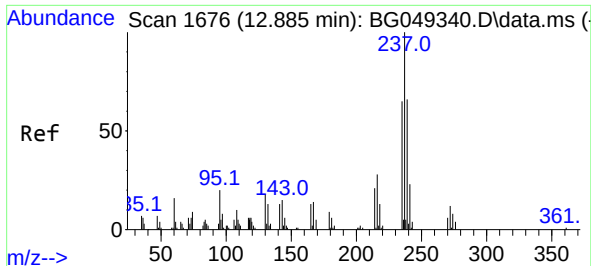


#39

1,2,4,5-Tetrachlorobenzene
Concen: 38.907 ng/ul
RT: 12.906 min Scan# 1679
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

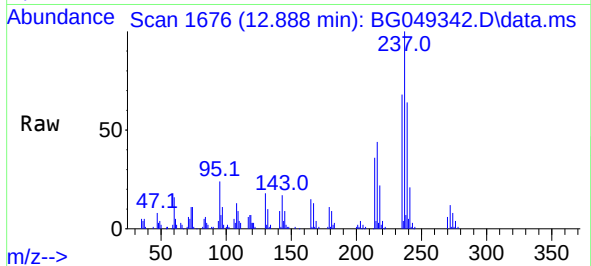
Tgt Ion:216 Resp: 128260
Ion Ratio Lower Upper
216 100
214 80.3 63.0 94.4
179 22.1 18.4 27.6
108 18.5 10.9 16.3#





#40
Hexachlorocyclopentadiene
Concen: 32.442 ng/ul
RT: 12.888 min Scan# 1676
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

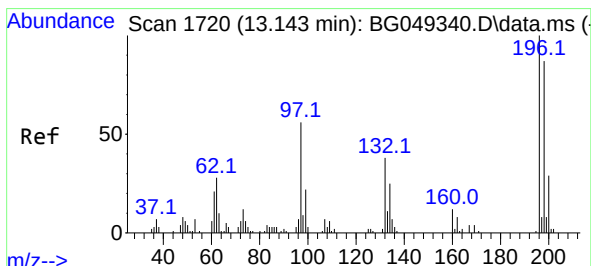
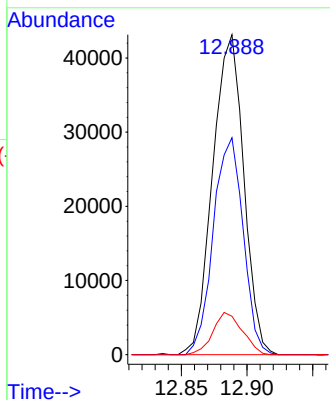
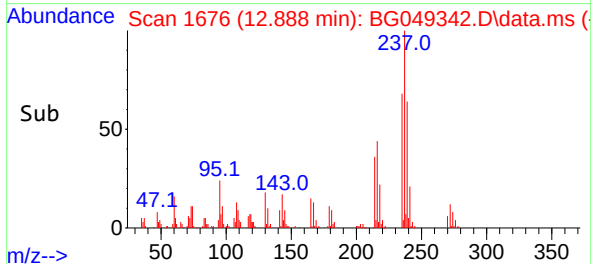
Instrument :
BNA_G
ClientSampled :
SLCS619



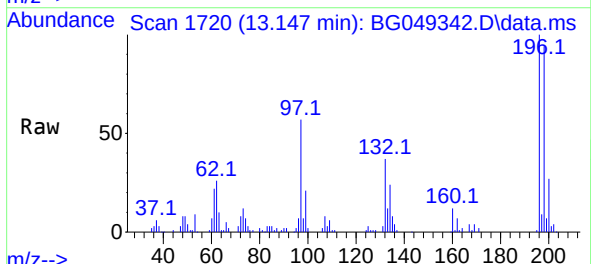
Tgt Ion:237 Resp: 71026
Ion Ratio Lower Upper
237 100
235 67.8 49.1 73.7
272 12.0 9.0 13.4

Manual Integrations
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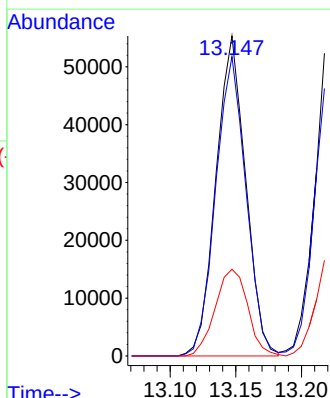
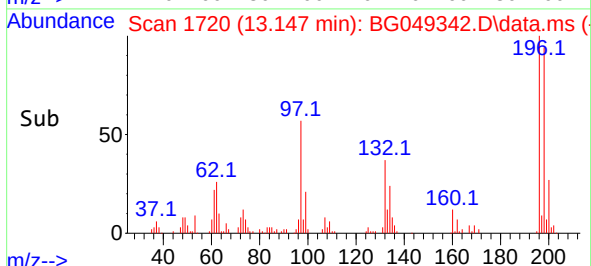
mohammad
7/15/2021 11:32:24 AM

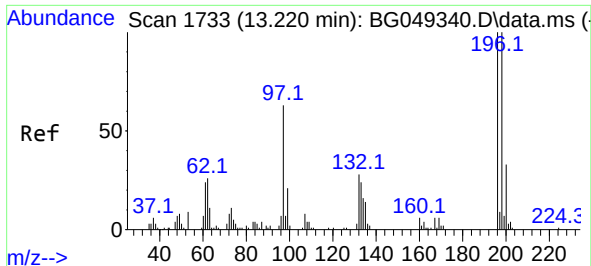


#41
2,4,6-Trichlorophenol
Concen: 40.739 ng/ul
RT: 13.147 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



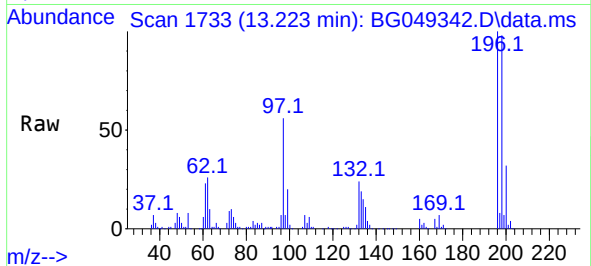
Tgt Ion:196 Resp: 86872
Ion Ratio Lower Upper
196 100
198 93.5 68.8 103.2
200 27.1 22.4 33.6





#42
2,4,5-Trichlorophenol
Concen: 40.627 ng/ul
RT: 13.223 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

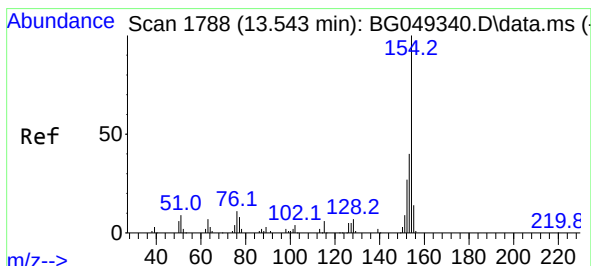
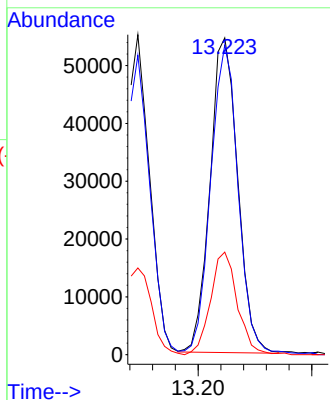
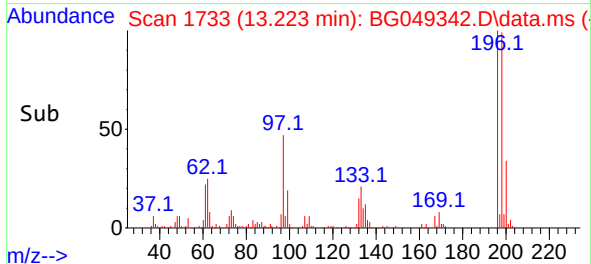
Instrument :
BNA_G
ClientSampled :
SLCS619



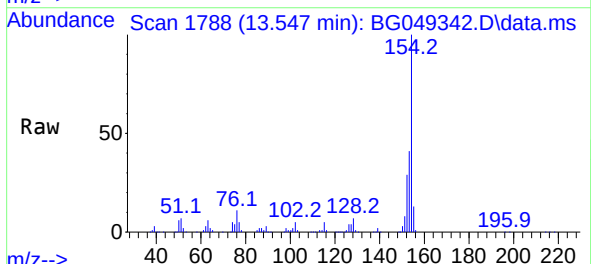
Tgt Ion:196 Resp: 92146
Ion Ratio Lower Upper
196 100
198 97.8 83.8 125.8
200 32.4 28.8 43.2

Manual Integrations
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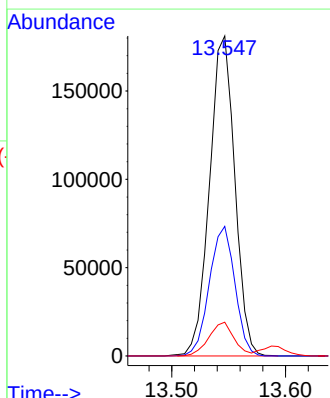
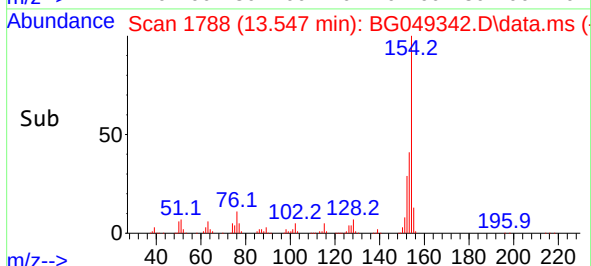
mohammad
7/15/2021 11:32:24 AM

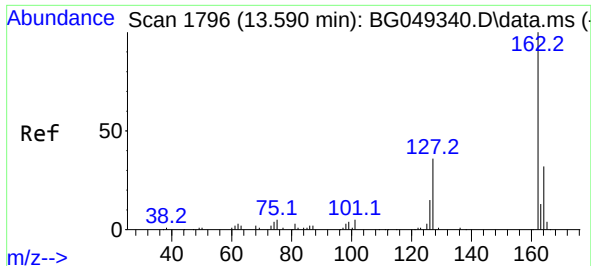


#43
1,1'-Biphenyl
Concen: 39.434 ng/ul
RT: 13.547 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



Tgt Ion:154 Resp: 279619
Ion Ratio Lower Upper
154 100
153 40.5 33.5 50.3
76 10.6 8.6 12.8





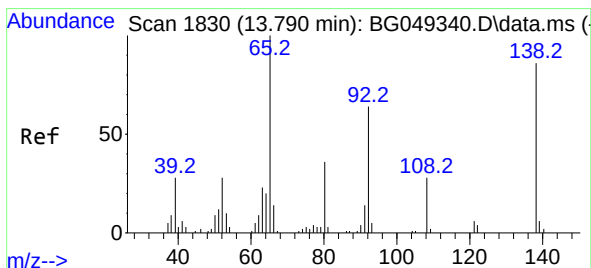
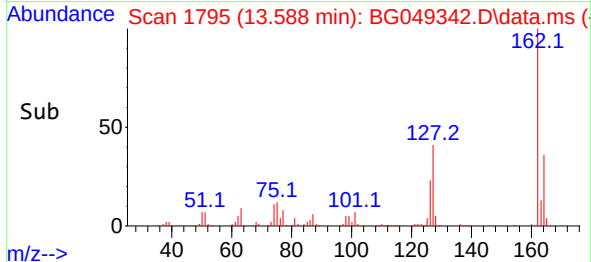
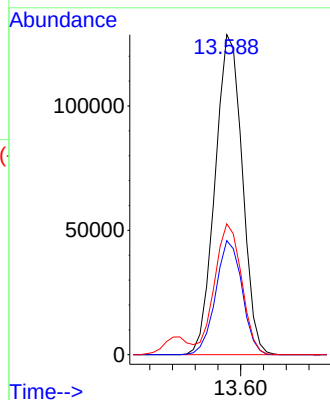
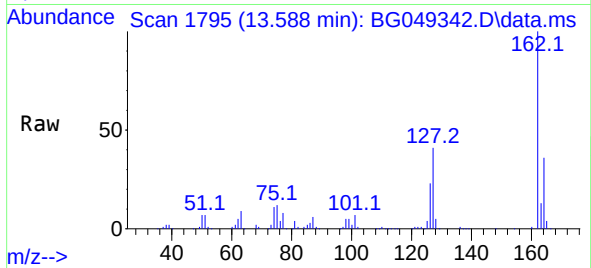
#44
2-Chloronaphthalene
Concen: 38.500 ng/ul
RT: 13.588 min Scan# 1795
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Instrument :
BNA_G
ClientSampled :
SLCS619

Tgt Ion:162 Resp: 213891
Ion Ratio Lower Upper
162 100
164 35.7 27.0 40.6
127 40.9 32.0 48.0

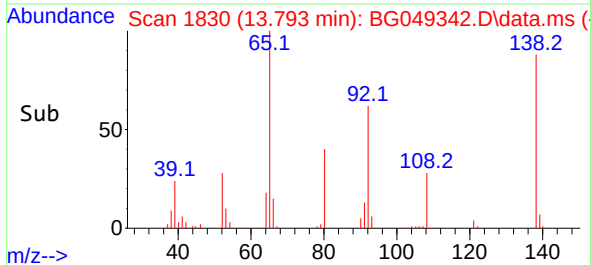
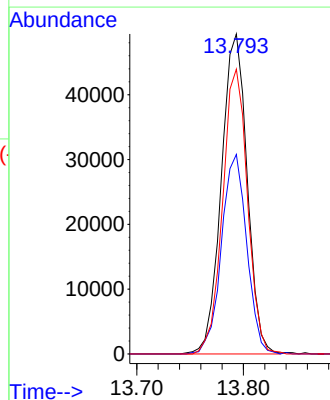
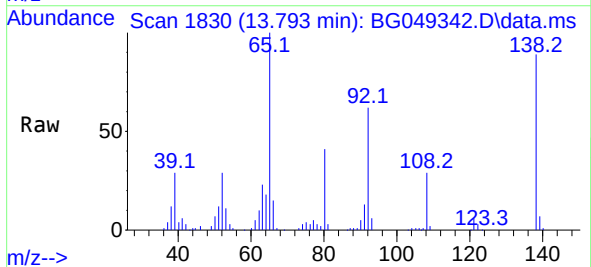
Manual Integrations
APPROVED

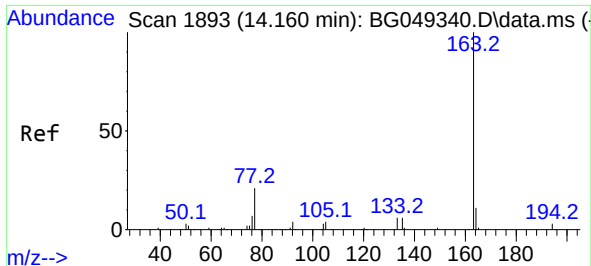
mohammad
7/15/2021 11:32:24 AM



#45
2-Nitroaniline
Concen: 40.663 ng/ul
RT: 13.793 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion: 65 Resp: 82825
Ion Ratio Lower Upper
65 100
92 62.3 55.4 83.2
138 89.0 63.2 94.8





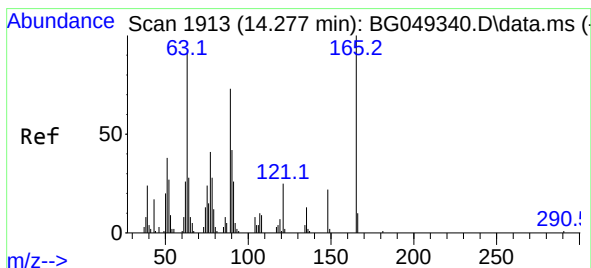
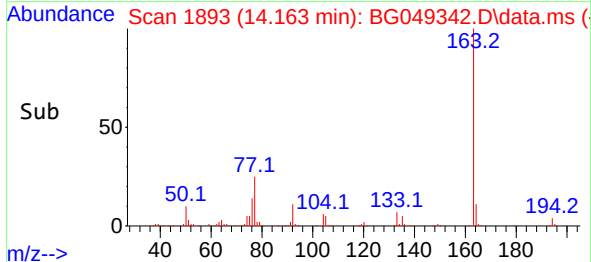
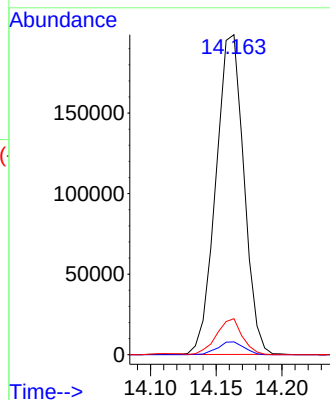
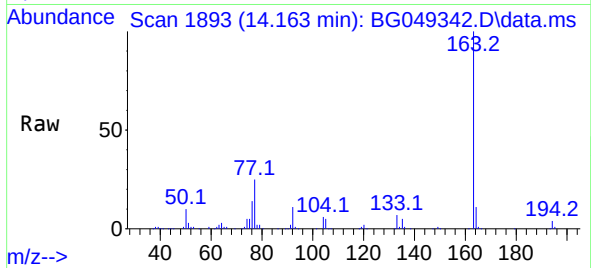
#47
Dimethylphthalate
Concen: 39.210 ng/ul
RT: 14.163 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:163 Resp: 293763
Ion Ratio Lower Upper
163 100
194 4.0 2.4 3.6#
164 11.2 8.4 12.6

Instrument :
BNA_G
ClientSampled :
SLCS619

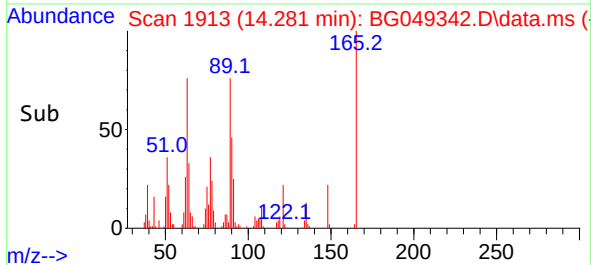
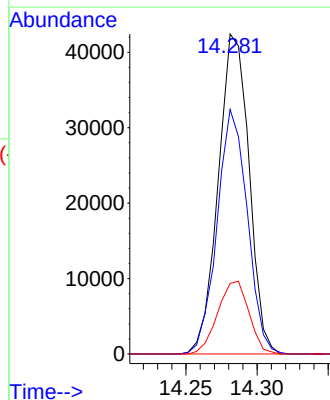
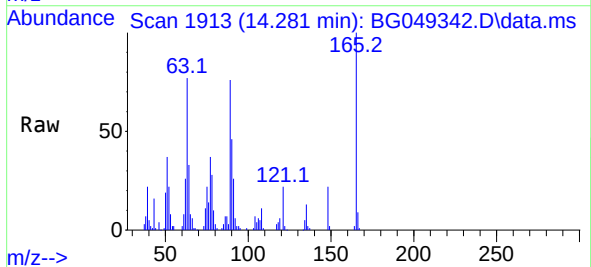
Manual Integrations
APPROVED

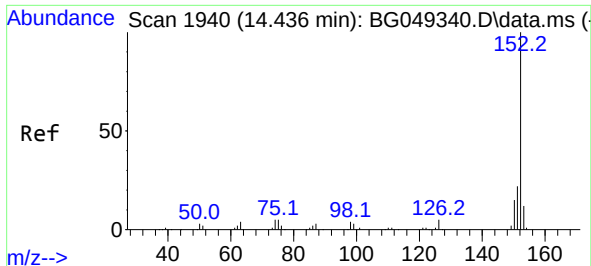
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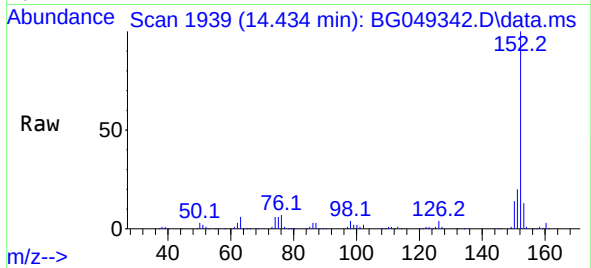
#48
2,6-Dinitrotoluene
Concen: 39.614 ng/ul
RT: 14.281 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:165 Resp: 63917
Ion Ratio Lower Upper
165 100
89 76.4 68.2 102.2
121 22.1 18.5 27.7

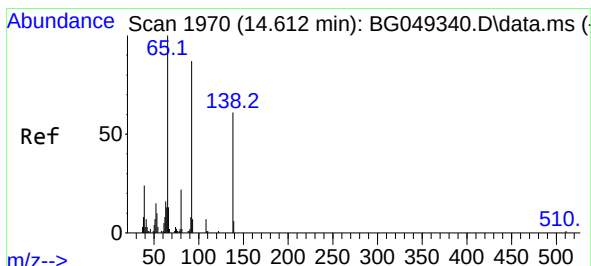
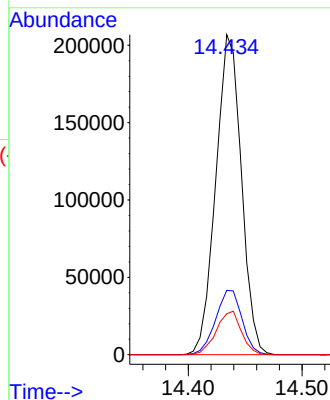
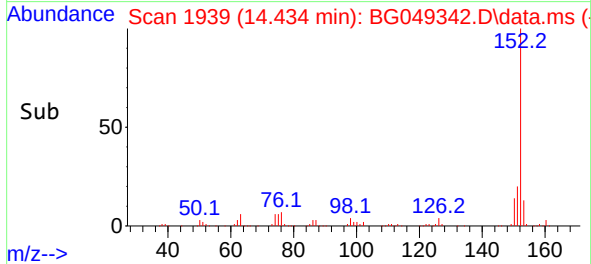




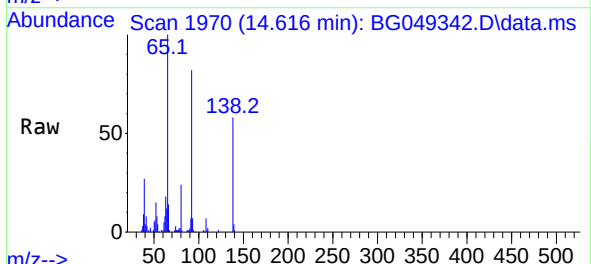
#50
Acenaphthylene
Concen: 38.417 ng/ul
RT: 14.434 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



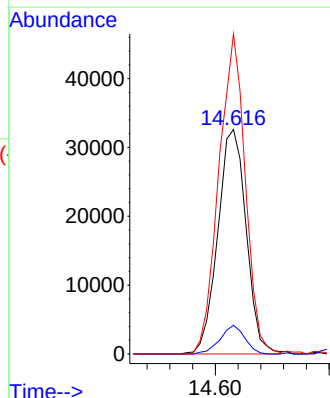
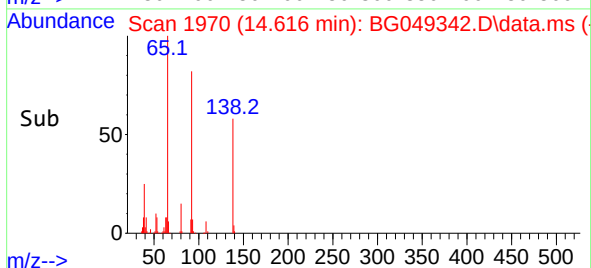
Tgt Ion:152 Resp: 323584
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.8 9.8 14.6



#51
3-Nitroaniline
Concen: 38.386 ng/ul
RT: 14.616 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



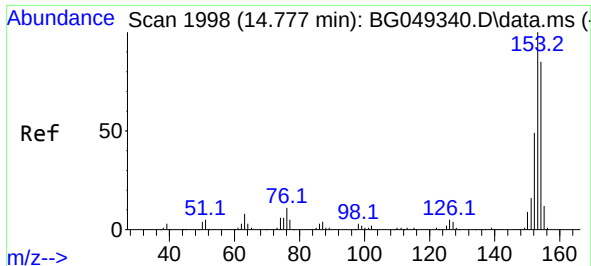
Tgt Ion:138 Resp: 56399
Ion Ratio Lower Upper
138 100
108 12.7 9.4 14.0
92 142.5 99.0 148.4



Instrument :
BNA_G
ClientSampleId :
SLCS619

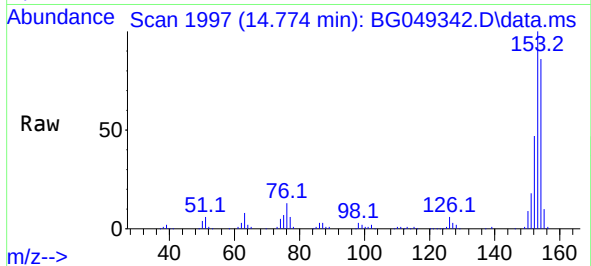
Manual Integrations
APPROVED

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#52
Acenaphthene
Concen: 38.701 ng/ul
RT: 14.774 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

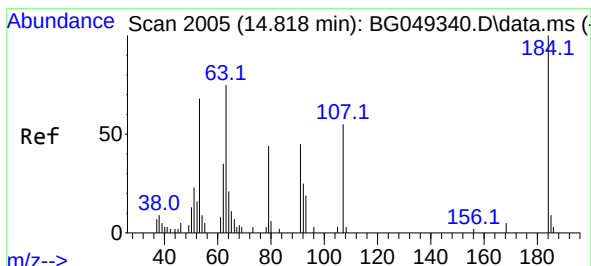
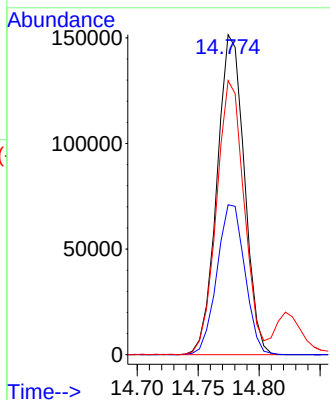
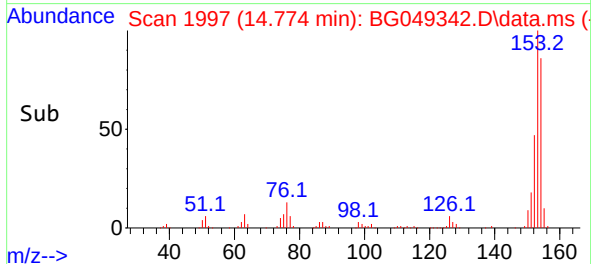
Instrument :
BNA_G
ClientSampled :
SLCS619



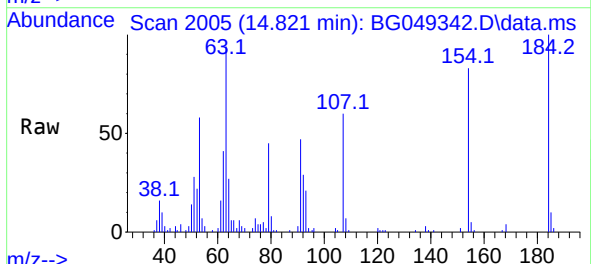
Tgt Ion:153 Resp: 236735
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.6
154 85.7 68.2 102.2

Manual Integrations
APPROVED

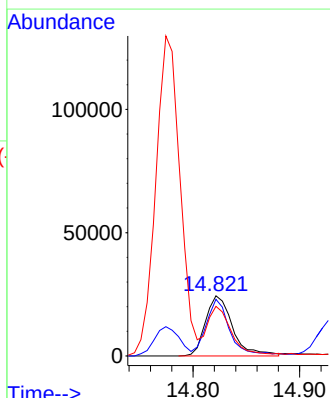
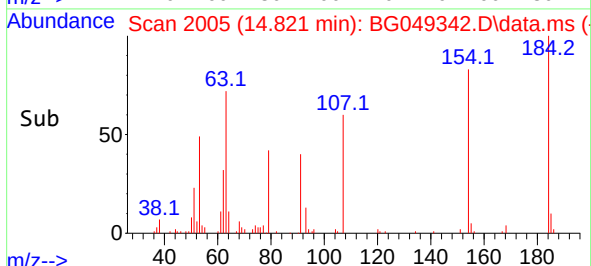
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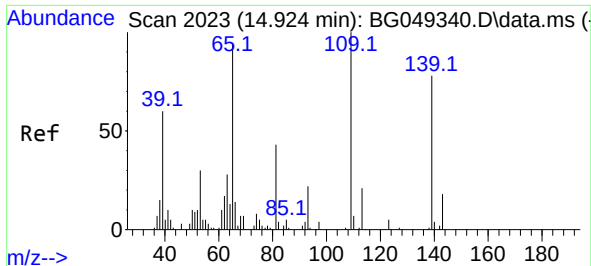


#53
2,4-Dinitrophenol
Concen: 42.150 ng/ul m
RT: 14.821 min Scan# 2005
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



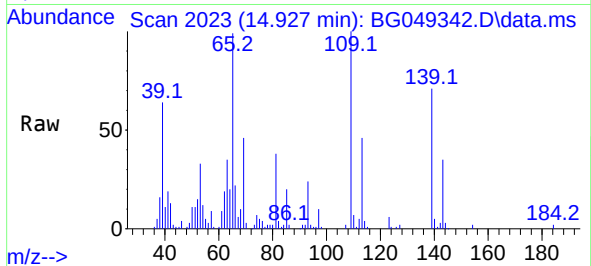
Tgt Ion:184 Resp: 43101
Ion Ratio Lower Upper
184 100
63 94.4 53.7 80.5#
154 82.5 59.3 88.9





#55
4-Nitrophenol
Concen: 38.204 ng/ul
RT: 14.927 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

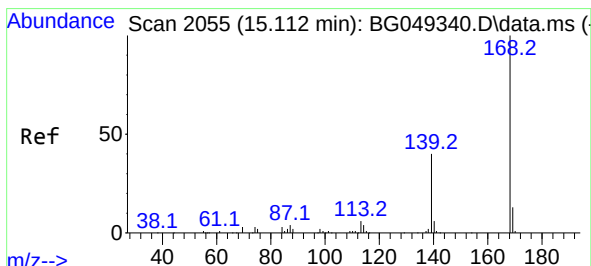
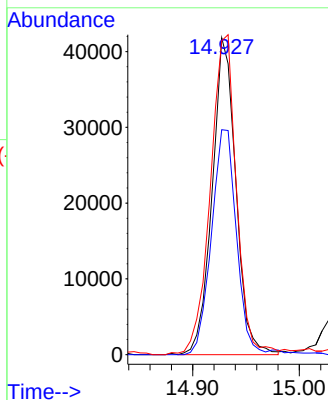
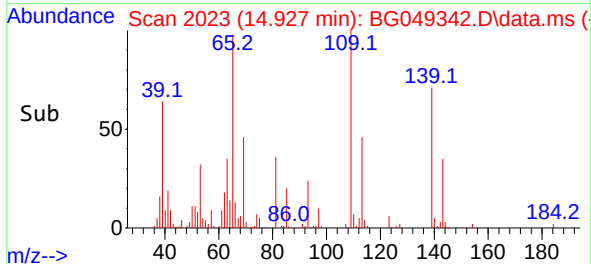
Instrument :
BNA_G
ClientSampleId :
SLCS619



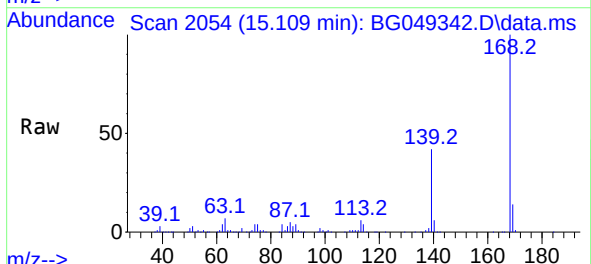
Tgt Ion:109 Resp: 64433
Ion Ratio Lower Upper
109 100
139 71.0 62.9 94.3
65 99.1 89.2 133.8

Manual Integrations
APPROVED

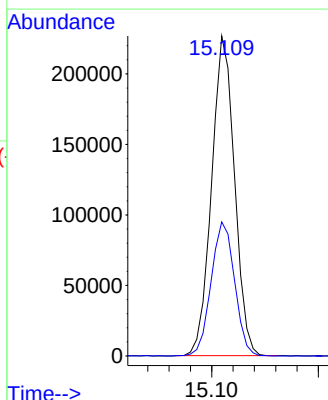
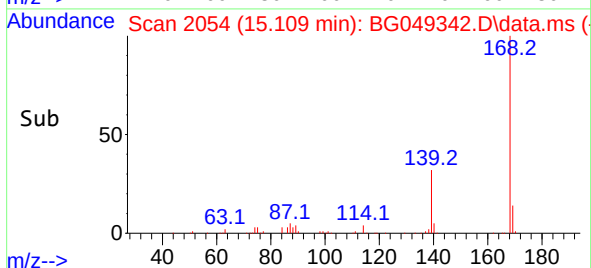
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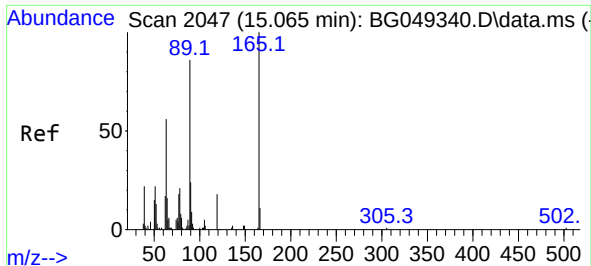


#56
Dibenzofuran
Concen: 39.040 ng/ul
RT: 15.109 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



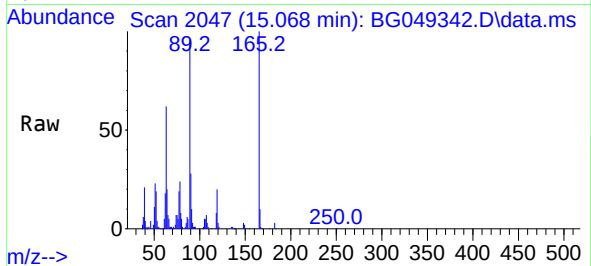
Tgt Ion:168 Resp: 338445
Ion Ratio Lower Upper
168 100
139 41.9 36.2 54.4





#57
2,4-Dinitrotoluene
Concen: 38.781 ng/ul
RT: 15.068 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

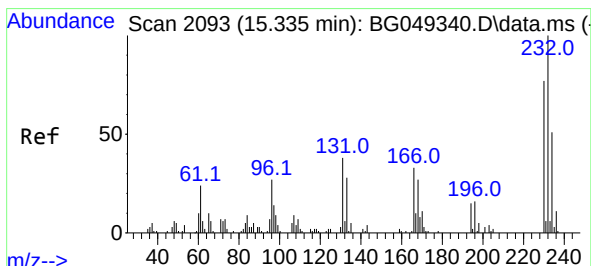
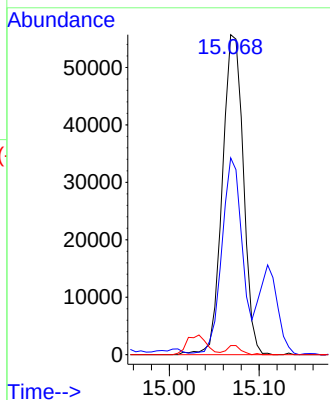
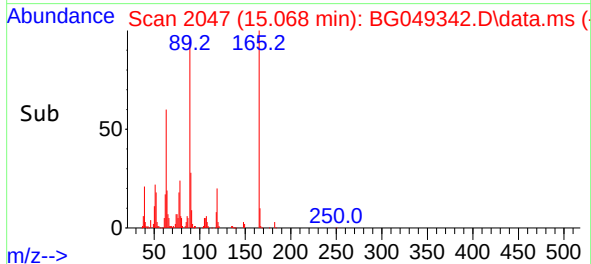
Instrument :
BNA_G
ClientSampled :
SLCS619



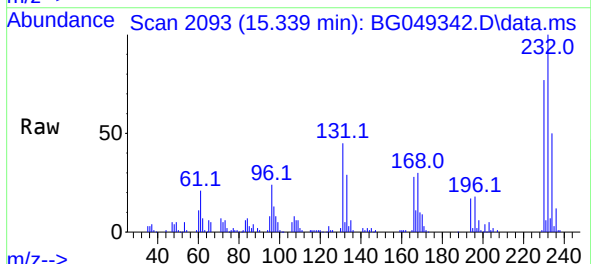
Tgt Ion:165 Resp: 90296
Ion Ratio Lower Upper
165 100
63 61.5 44.9 67.3
182 2.9 2.7 4.1

Manual Integrations
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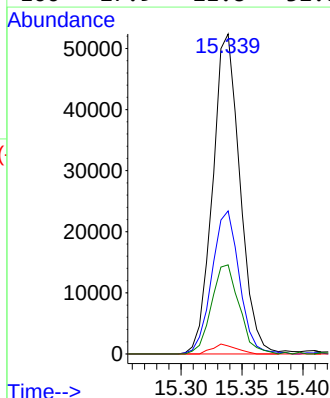
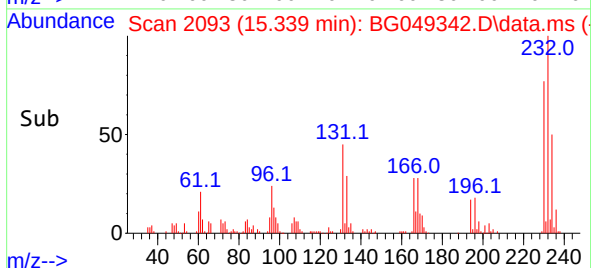
mohammad
7/15/2021 11:32:24 AM

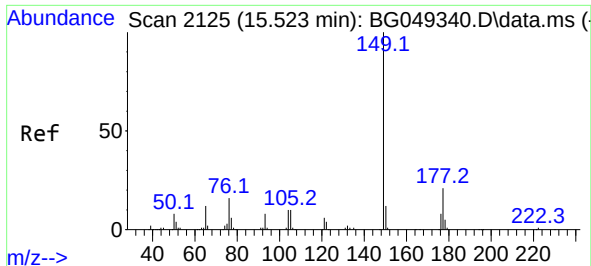


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.402 ng/ul
RT: 15.339 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



Tgt Ion:232 Resp: 81675
Ion Ratio Lower Upper
232 100
131 44.7 30.6 45.8
130 2.5 2.3 3.5
166 27.9 21.8 32.8





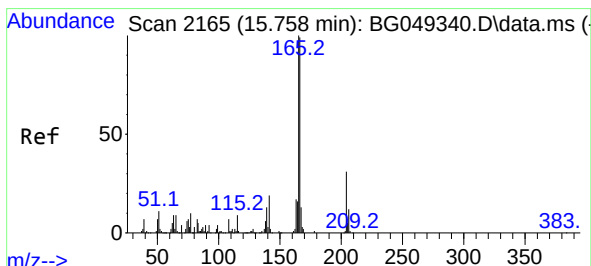
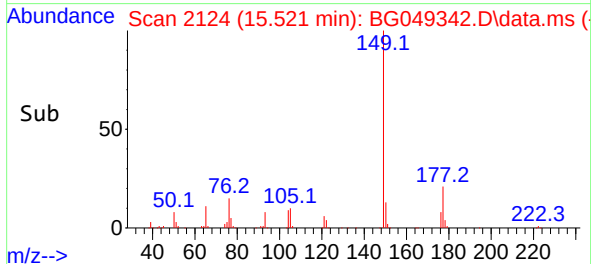
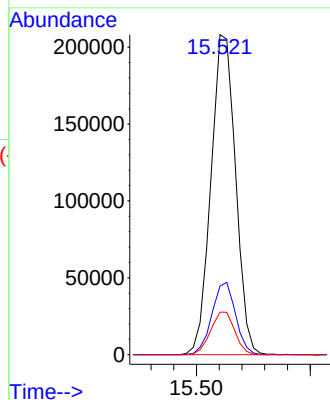
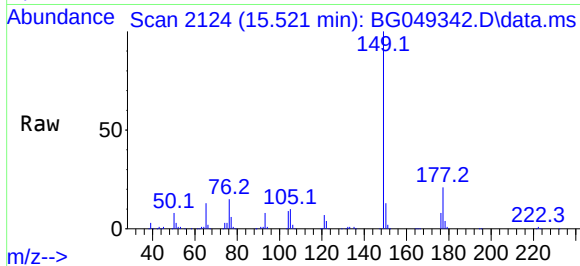
#59
Diethylphthalate
Concen: 38.905 ng/ul
RT: 15.521 min Scan# 2124
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:149 Resp: 313317
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 13.3 9.8 14.8

Instrument :
BNA_G
ClientSampleId :
SLCS619

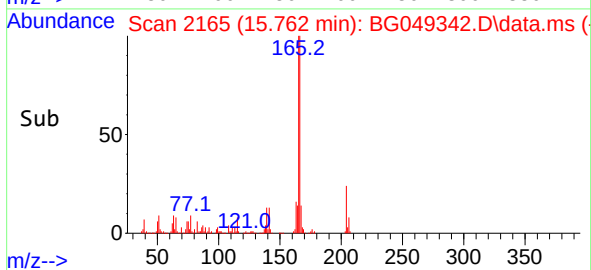
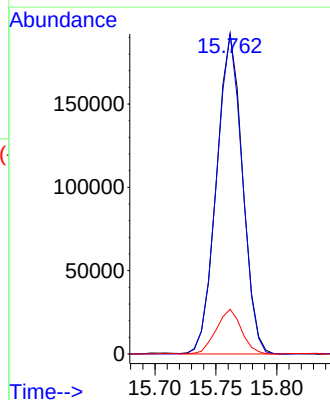
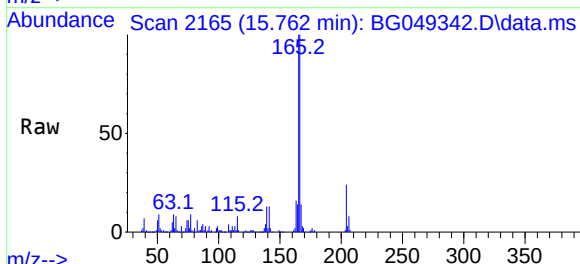
Manual Integrations
APPROVED

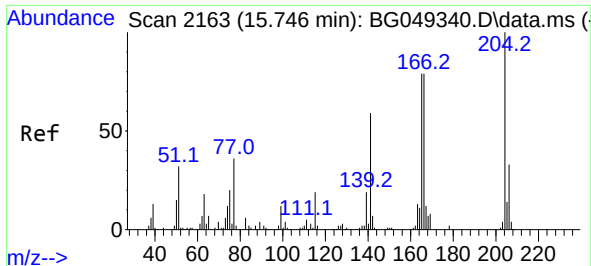
mohammad
7/15/2021 11:32:24 AM



#61
Fluorene
Concen: 39.020 ng/ul
RT: 15.762 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

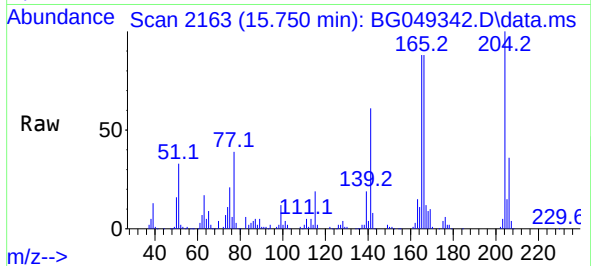
Tgt Ion:166 Resp: 286288
Ion Ratio Lower Upper
166 100
165 99.9 73.5 110.3
167 14.0 9.6 14.4





#62
4-Chlorophenyl-phenylether
Concen: 39.899 ng/ul
RT: 15.750 min Scan# 2163
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

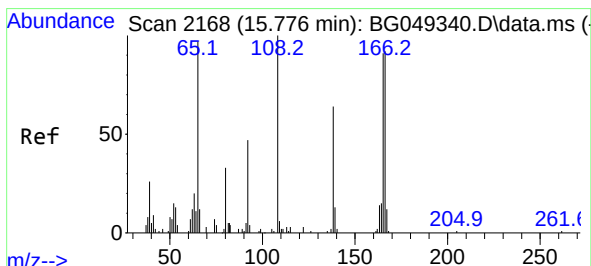
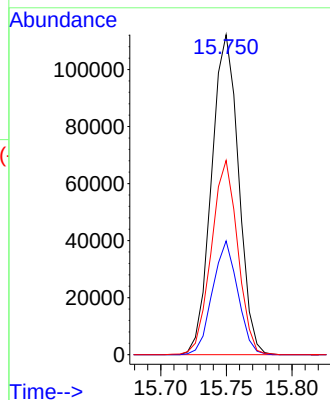
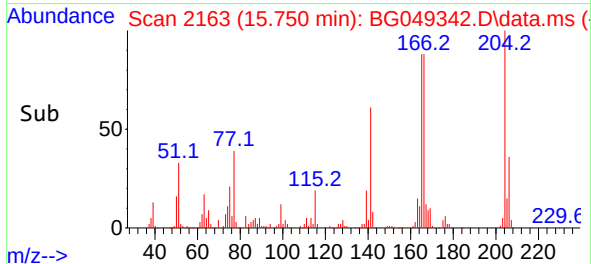
Instrument :
BNA_G
ClientSampled :
SLCS619



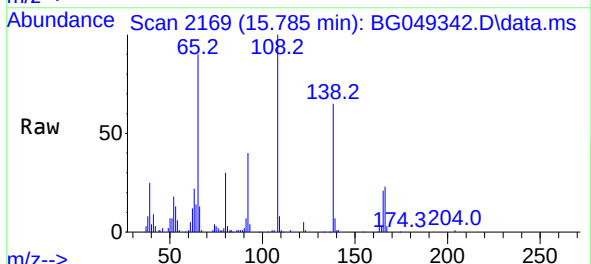
Tgt Ion:204 Resp: 160931
Ion Ratio Lower Upper
204 100
206 35.6 25.7 38.5
141 60.7 47.6 71.4

Manual Integrations
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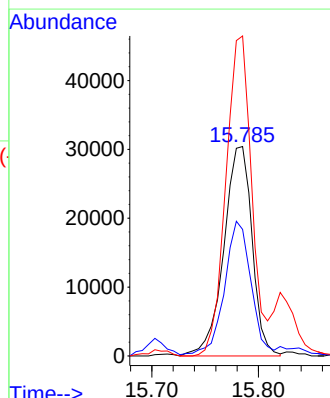
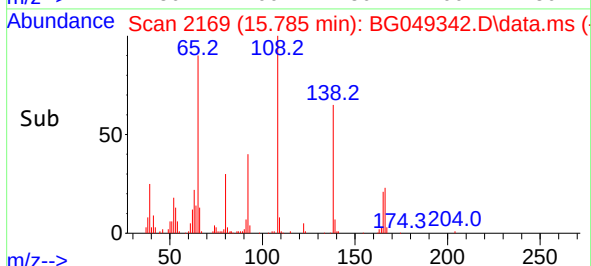
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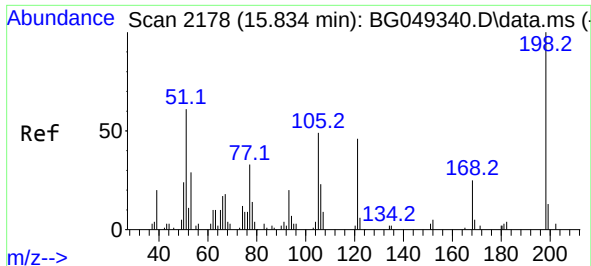


#63
4-Nitroaniline
Concen: 38.926 ng/ul
RT: 15.785 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



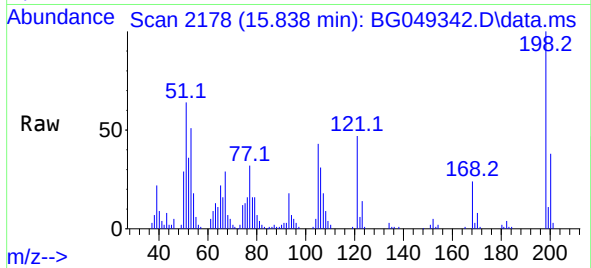
Tgt Ion:138 Resp: 56146
Ion Ratio Lower Upper
138 100
92 60.5 46.9 70.3
108 152.7 95.6 143.4#





#66
4,6-Dinitro-2-methylphenol
Concen: 36.651 ng/ul
RT: 15.838 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

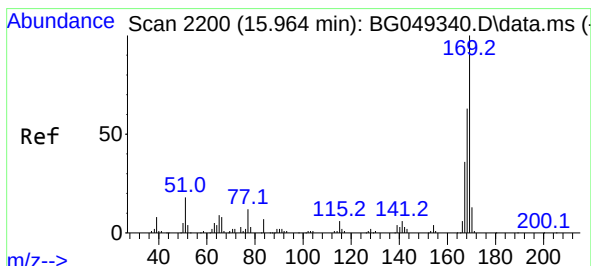
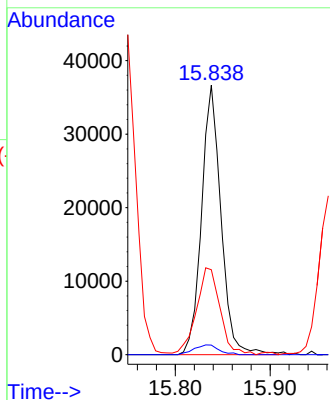
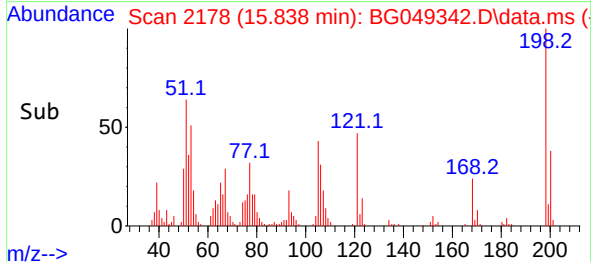
Instrument :
BNA_G
ClientSampleId :
SLCS619



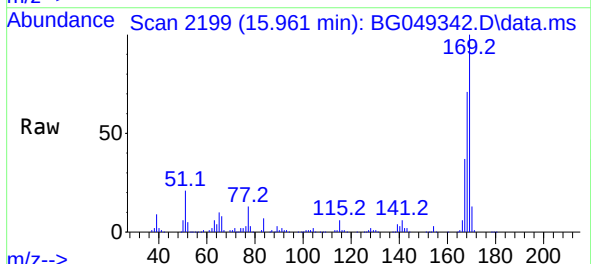
Tgt Ion:198 Resp: 52387
Ion Ratio Lower Upper
198 100
182 3.6 1.5 2.3#
77 31.6 24.0 36.0

Manual Integrations
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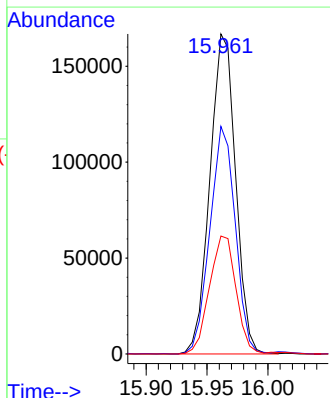
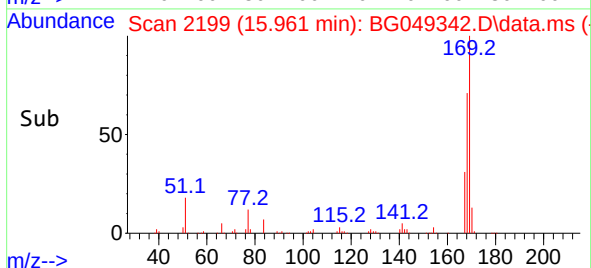
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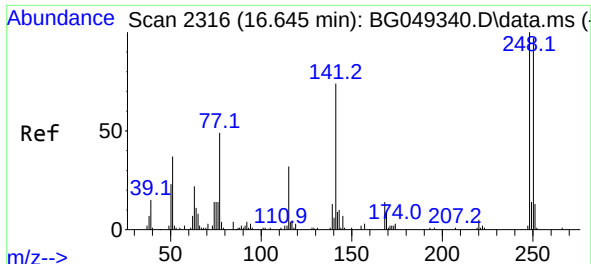


#67
N-Nitrosodiphenylamine
Concen: 40.673 ng/ul
RT: 15.961 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



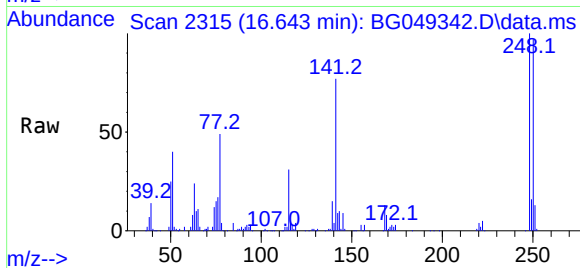
Tgt Ion:169 Resp: 244706
Ion Ratio Lower Upper
169 100
168 71.1 55.7 83.5
167 36.8 30.0 45.0





#68
4-Bromophenyl-phenylether
Concen: 42.123 ng/ul
RT: 16.643 min Scan# 2315
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

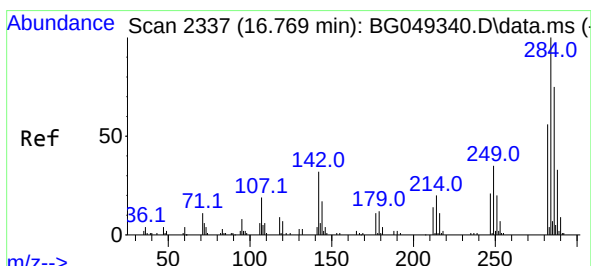
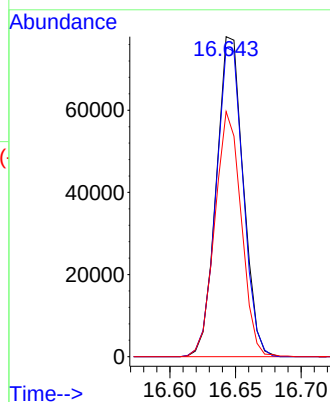
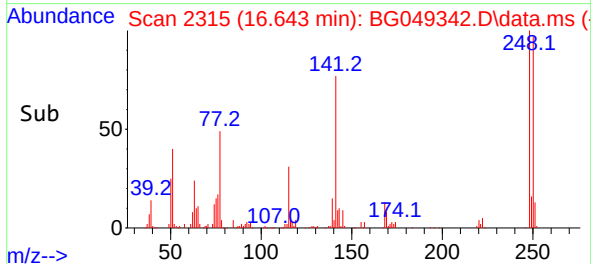
Instrument :
BNA_G
ClientSampled :
SLCS619



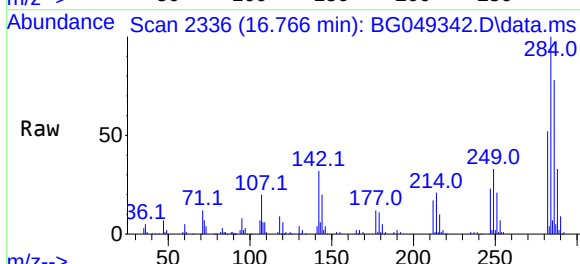
Tgt Ion:248 Resp: 111022
Ion Ratio Lower Upper
248 100
250 96.7 80.7 121.1
141 76.6 55.5 83.3

Manual Integrations
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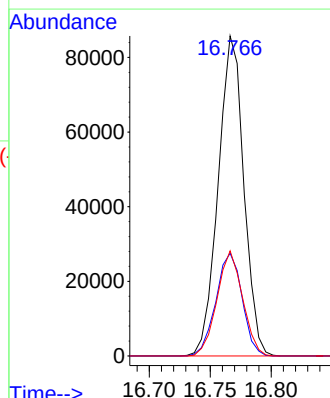
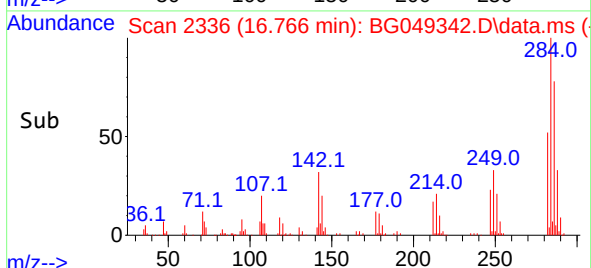
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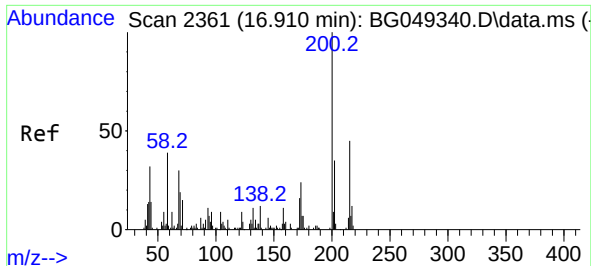


#69
Hexachlorobenzene
Concen: 42.016 ng/ul
RT: 16.766 min Scan# 2336
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

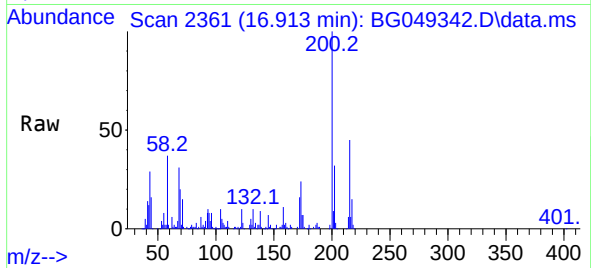


Tgt Ion:284 Resp: 125416
Ion Ratio Lower Upper
284 100
142 32.1 27.3 40.9
249 32.9 25.5 38.3

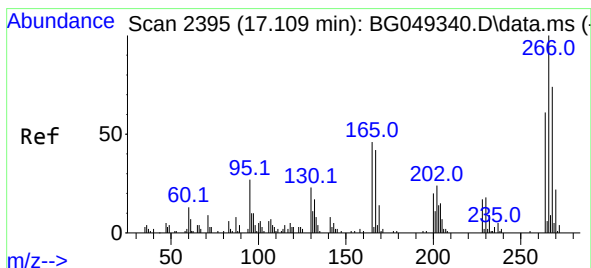
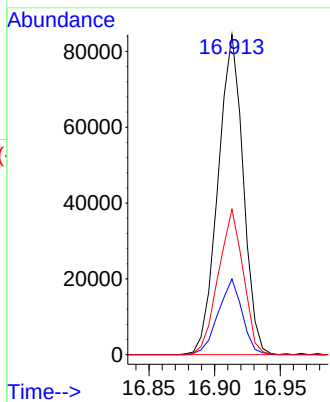
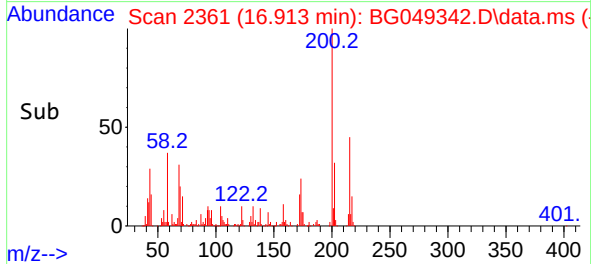




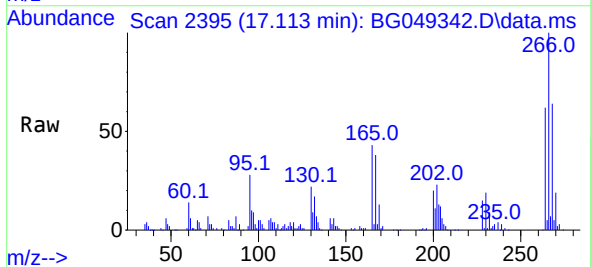
#70
Atrazine
Concen: 40.865 ng/ul
RT: 16.913 min Scan# 2361
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



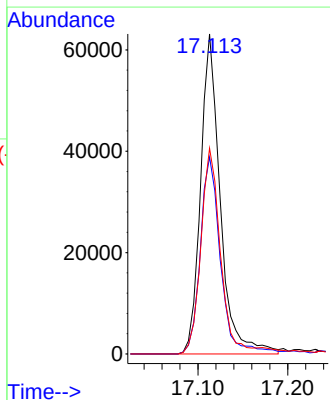
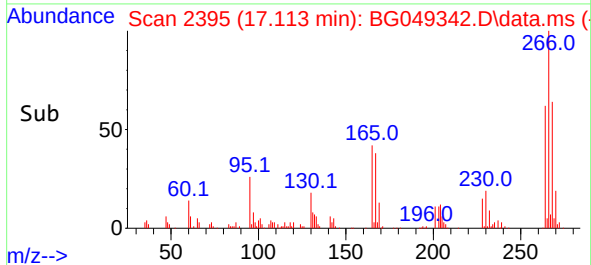
Tgt Ion:200 Resp: 112524
Ion Ratio Lower Upper
200 100
173 23.6 18.7 28.1
215 45.5 34.9 52.3



#71
Pentachlorophenol
Concen: 53.943 ng/ul
RT: 17.113 min Scan# 2395
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



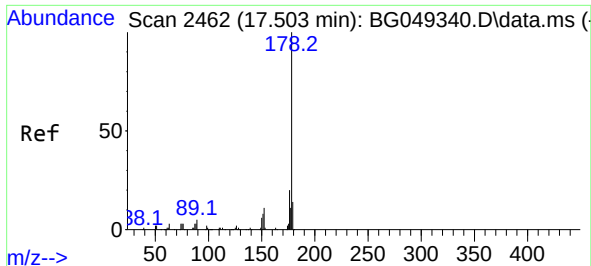
Tgt Ion:266 Resp: 96101
Ion Ratio Lower Upper
266 100
264 61.6 50.1 75.1
268 64.3 49.5 74.3



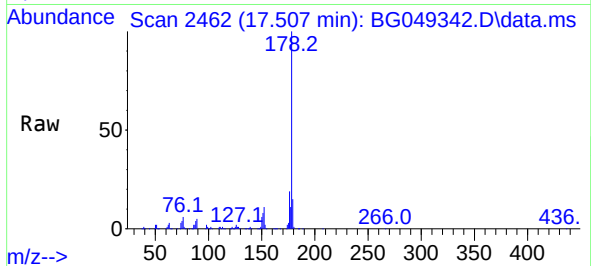
Instrument :
BNA_G
ClientSampleId :
SLCS619

Manual Integrations
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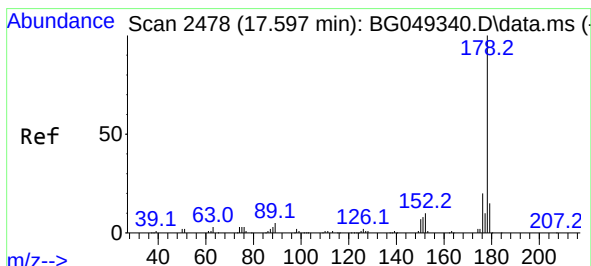
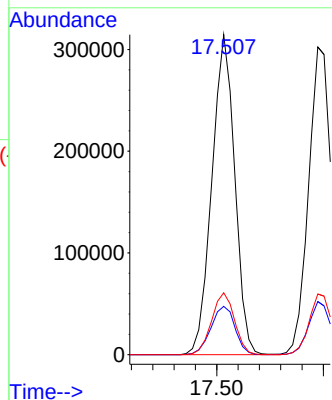
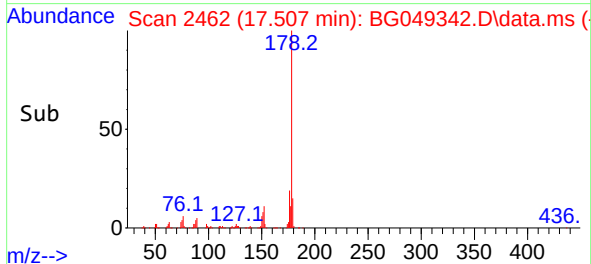
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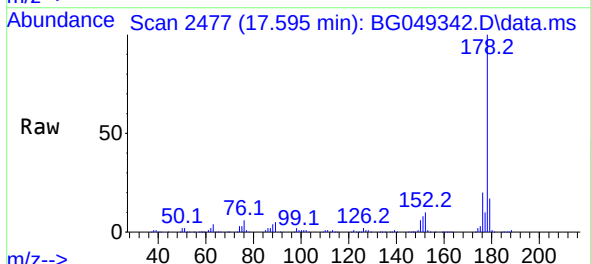
#72
Phenanthrene
Concen: 40.565 ng/uI
RT: 17.507 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



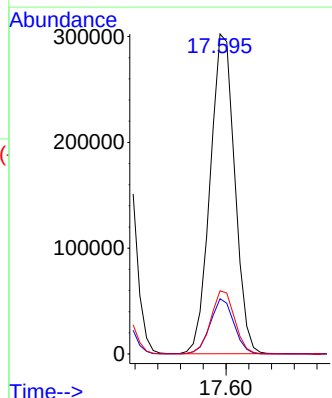
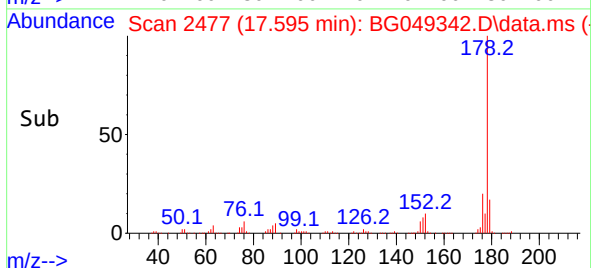
Tgt Ion:178 Resp: 467551
Ion Ratio Lower Upper
178 100
179 15.1 11.7 17.5
176 19.3 15.6 23.4



#74
Anthracene
Concen: 38.419 ng/uI
RT: 17.595 min Scan# 2477
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



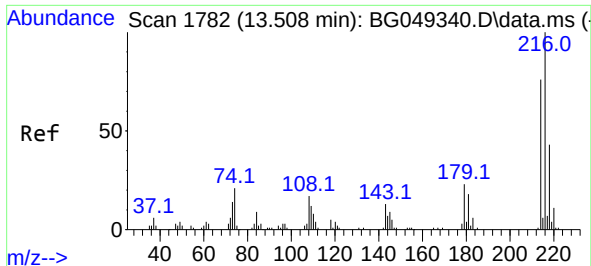
Tgt Ion:178 Resp: 452348
Ion Ratio Lower Upper
178 100
179 17.3 12.7 19.1
176 19.7 15.6 23.4



Instrument :
BNA_G
ClientSampleId :
SLCS619

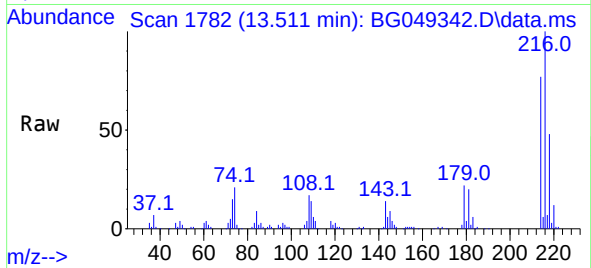
Manual Integrations
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.896 ng/uL
RT: 13.511 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

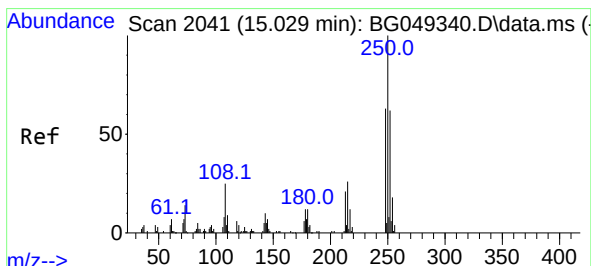
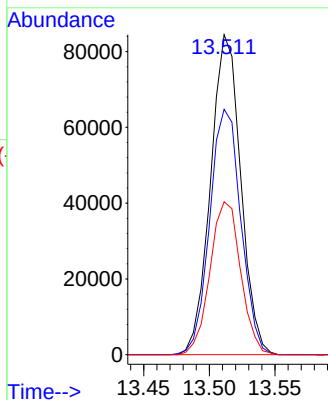
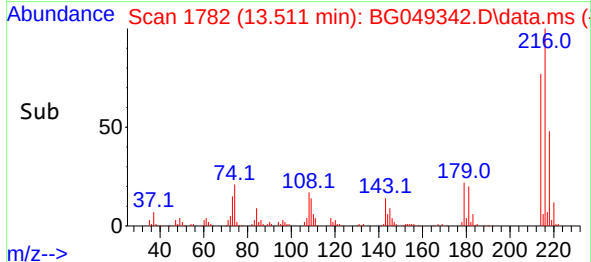
Instrument :
BNA_G
ClientSampled :
SLCS619



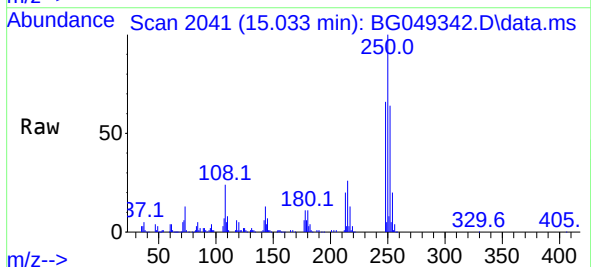
Tgt Ion:216 Resp: 135063
Ion Ratio Lower Upper
216 100
214 76.7 66.3 99.5
218 47.8 40.2 60.2

Manual Integrations
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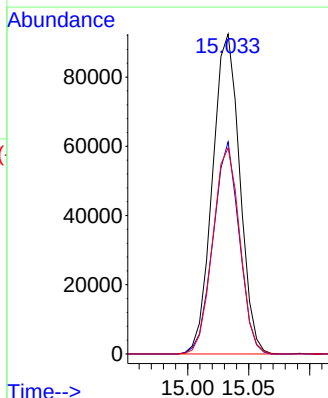
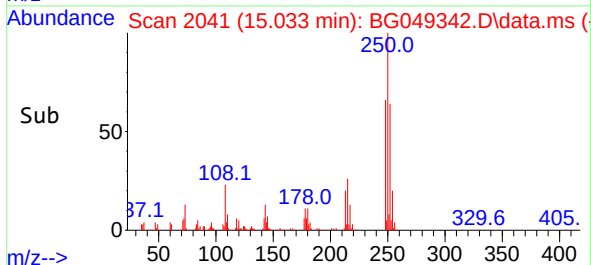
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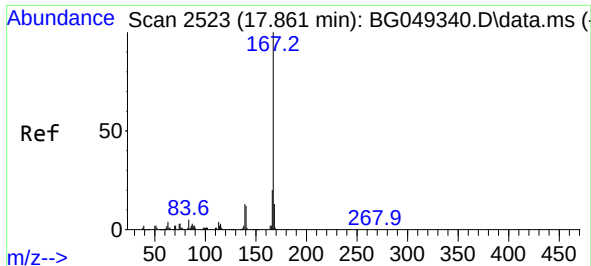


#76
Pentachlorobenzene
Concen: 42.025 ng/uL
RT: 15.033 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



Tgt Ion:250 Resp: 143722
Ion Ratio Lower Upper
250 100
248 66.3 50.6 76.0
252 64.4 50.8 76.2





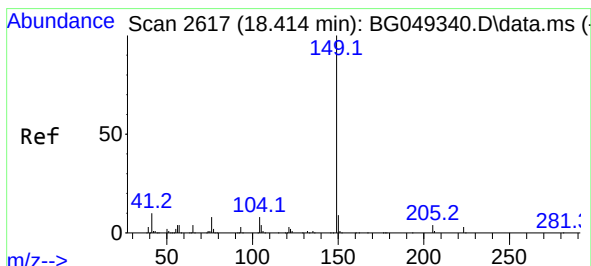
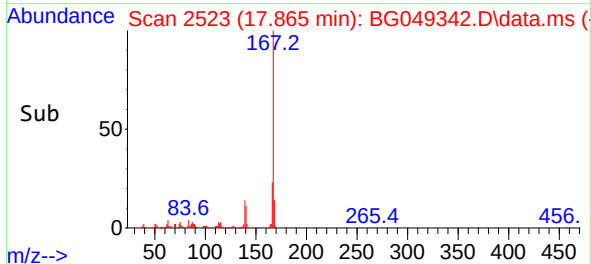
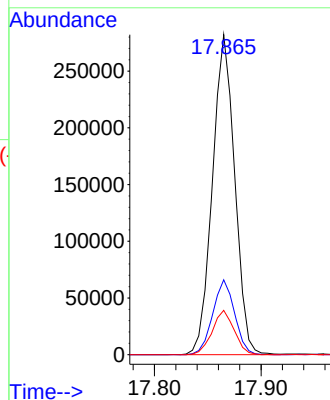
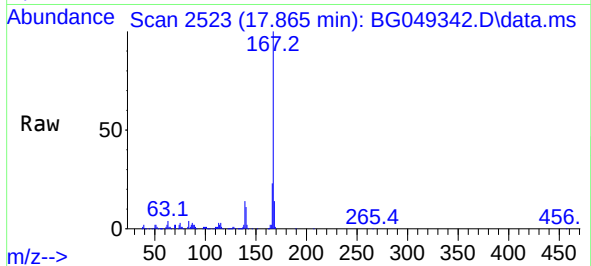
#77
 Carbazole
 Concen: 39.032 ng/ul
 RT: 17.865 min Scan# 2523
 Delta R.T. -0.005 min
 Lab File: BG049342.D
 Acq: 15 Jul 2021 00:18

Tgt Ion:	167	Resp:	409967
Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.1	27.1
139	13.8	10.9	16.3

Instrument :
 BNA_G
 ClientSampleId :
 SLCS619

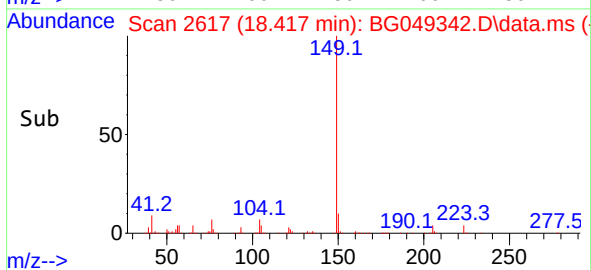
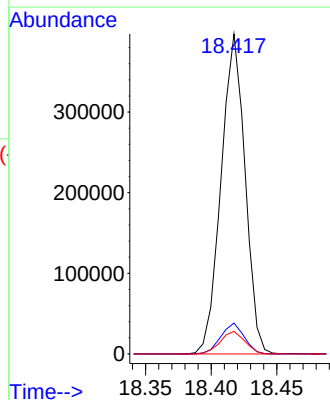
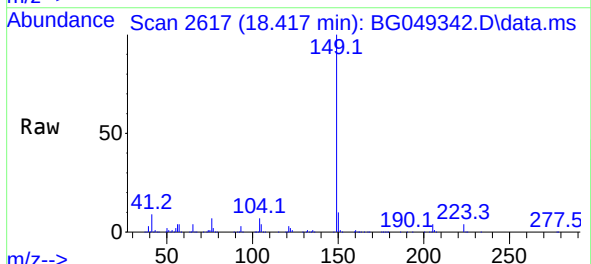
Manual Integrations
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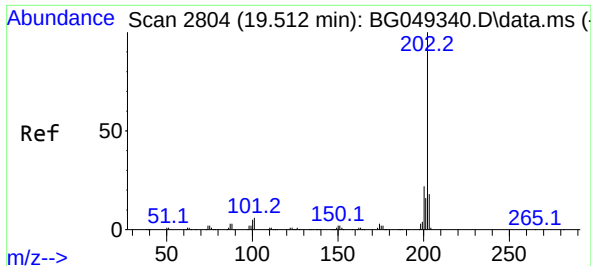
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#78
 Di-n-butylphthalate
 Concen: 38.380 ng/ul
 RT: 18.417 min Scan# 2617
 Delta R.T. -0.011 min
 Lab File: BG049342.D
 Acq: 15 Jul 2021 00:18

Tgt Ion:	149	Resp:	504374
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	7.1	5.7	8.5





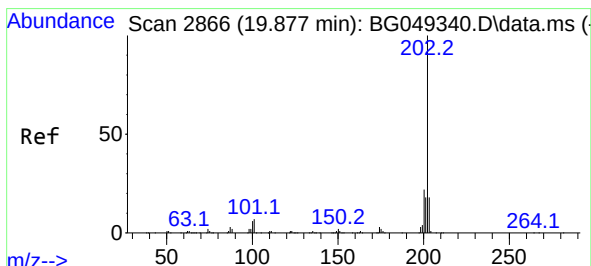
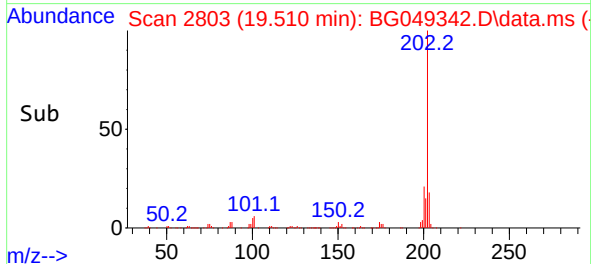
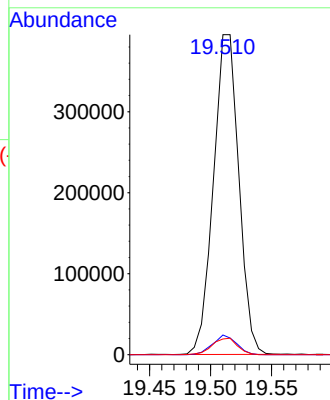
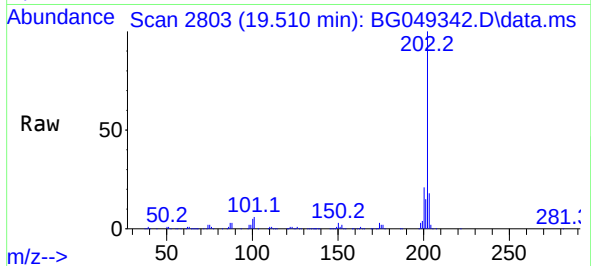
#80
Fluoranthene
Concen: 40.881 ng/u1
RT: 19.510 min Scan# 2803
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:	202	Resp:	573295
Ion Ratio	Lower	Upper	
202	100		
101	6.1	4.6	6.8
100	4.9	4.0	6.0

Instrument :
BNA_G
ClientSampleId :
SLCS619

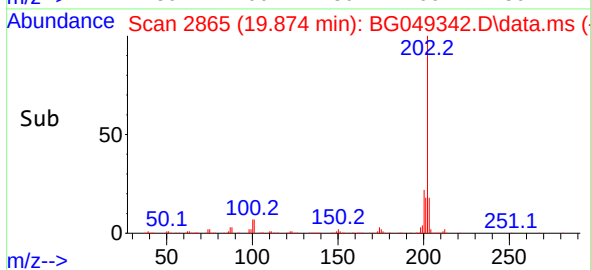
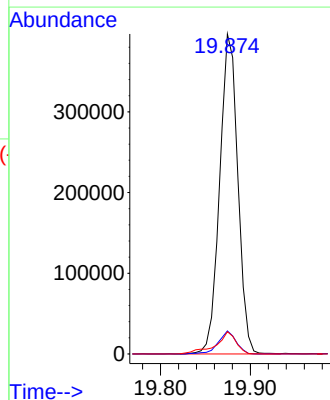
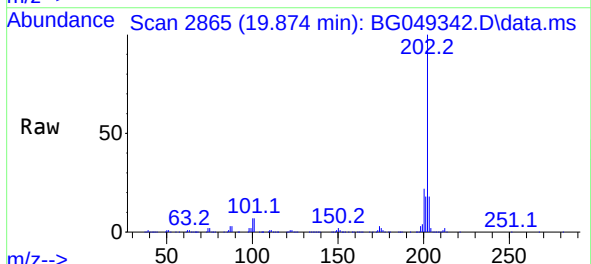
Manual Integrations
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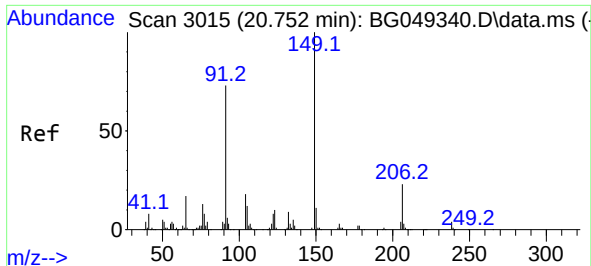
mohammad
7/15/2021 11:32:24 AM



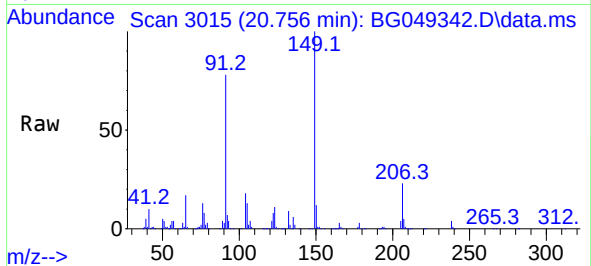
#82
Pyrene
Concen: 39.799 ng/u1
RT: 19.874 min Scan# 2865
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:	202	Resp:	556097
Ion Ratio	Lower	Upper	
202	100		
101	7.2	5.8	8.8
100	6.9	5.0	7.6

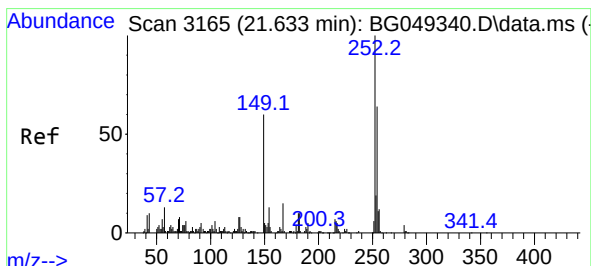
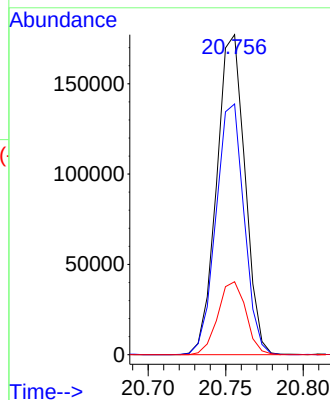
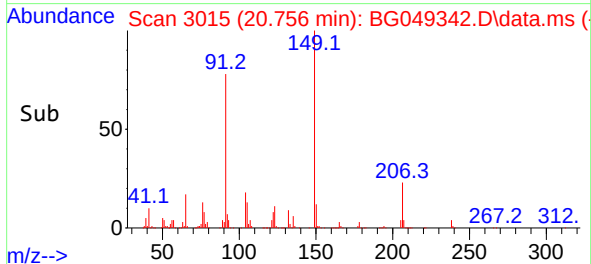




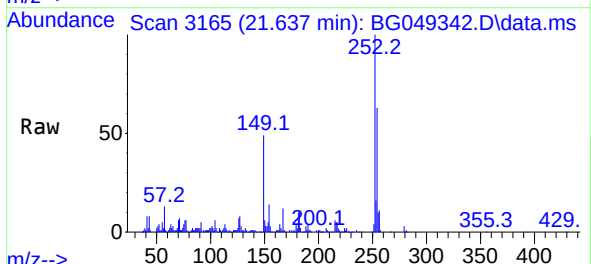
#83
Butylbenzylphthalate
Concen: 41.081 ng/ul
RT: 20.756 min Scan# 3015
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



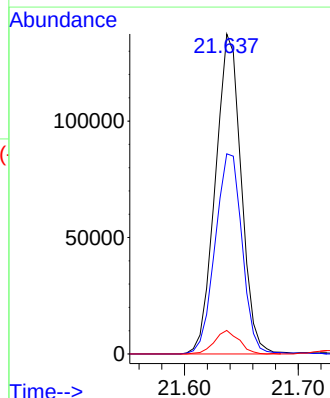
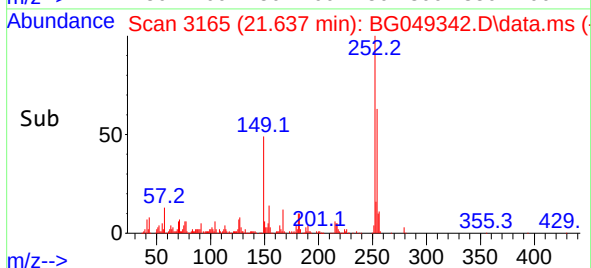
Tgt Ion:149 Resp: 225357
Ion Ratio Lower Upper
149 100
91 78.3 59.0 88.4
206 22.8 17.3 25.9



#84
3,3'-Dichlorobenzidine
Concen: 39.497 ng/ul
RT: 21.637 min Scan# 3165
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



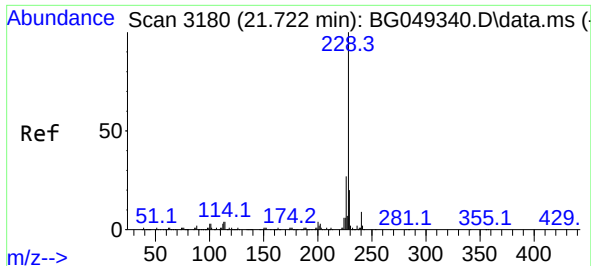
Tgt Ion:252 Resp: 217101
Ion Ratio Lower Upper
252 100
254 62.5 51.8 77.8
126 7.3 5.7 8.5



Instrument :
BNA_G
ClientSampleId :
SLCS619

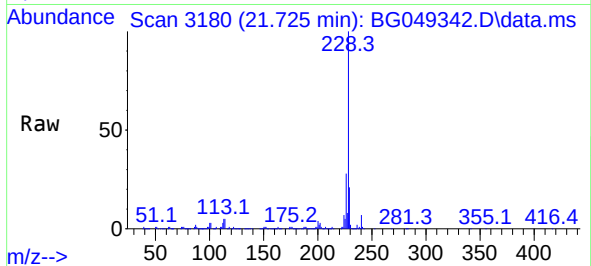
Manual Integrations
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#85
Benzo(a)anthracene
Concen: 39.965 ng/ul
RT: 21.725 min Scan# 3180
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

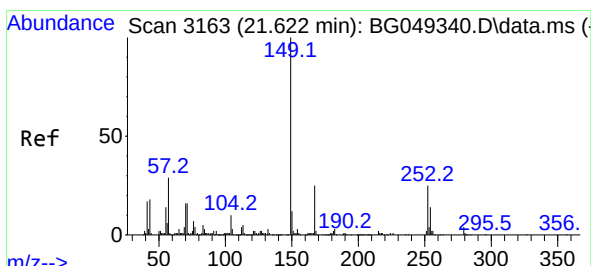
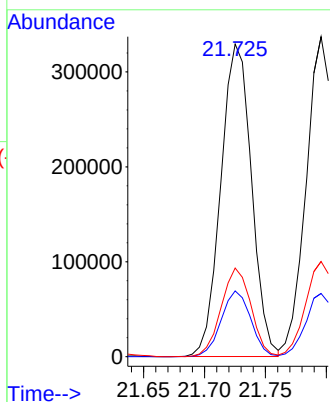
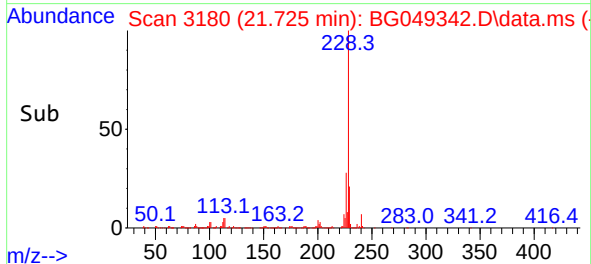
Instrument :
BNA_G
ClientSampleId :
SLCS619



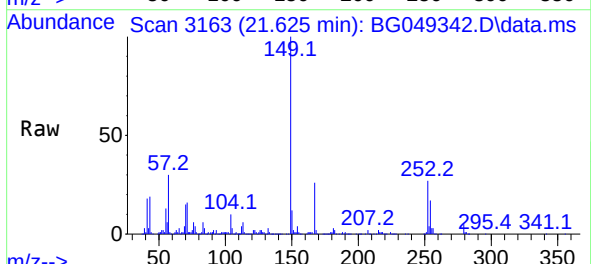
Tgt Ion:228 Resp: 577797
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 28.3 21.3 31.9

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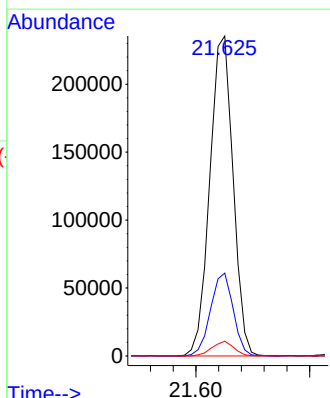
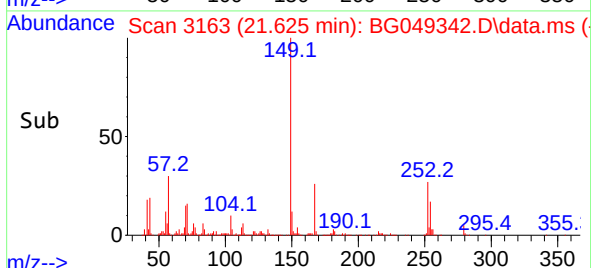
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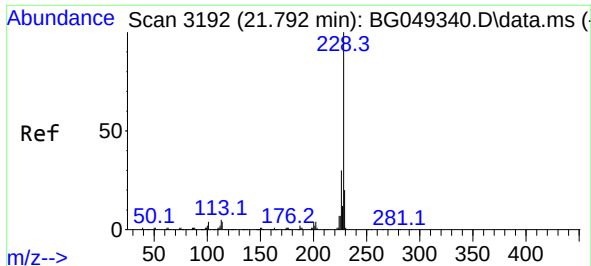


#86
Bis(2-ethylhexyl)phthalate
Concen: 41.858 ng/ul
RT: 21.625 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

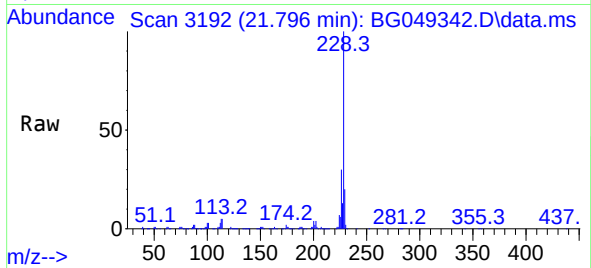


Tgt Ion:149 Resp: 334907
Ion Ratio Lower Upper
149 100
167 25.9 20.4 30.6
279 4.6 3.4 5.2

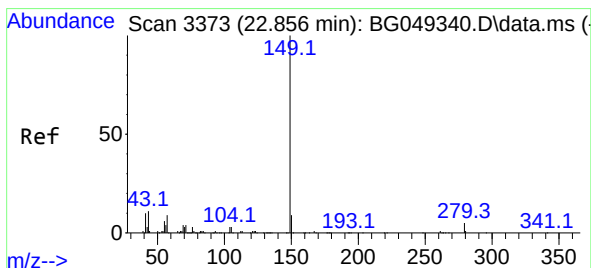
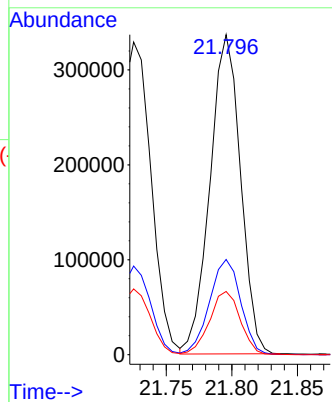
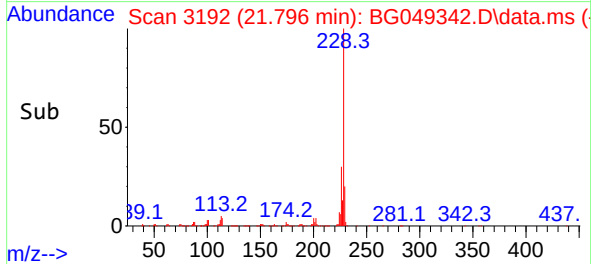




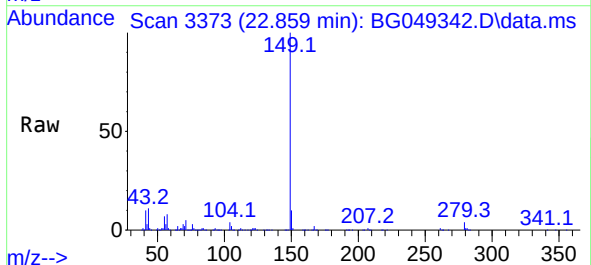
#87
Chrysene
Concen: 39.819 ng/ul
RT: 21.796 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



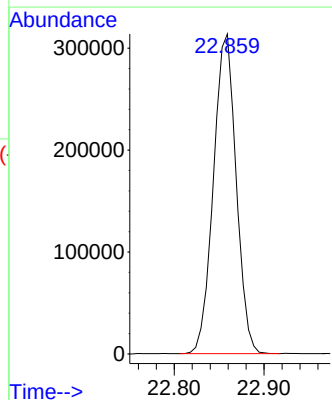
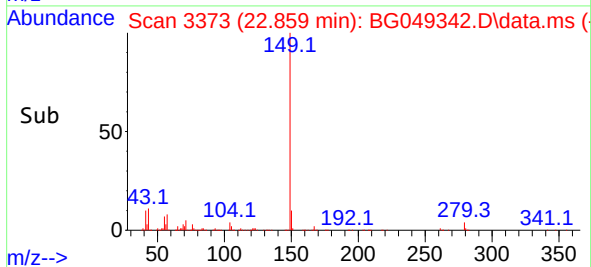
Tgt Ion:228 Resp: 544543
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.8 16.4 24.6



#89
Di-n-octyl phthalate
Concen: 40.097 ng/ul
RT: 22.859 min Scan# 3373
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



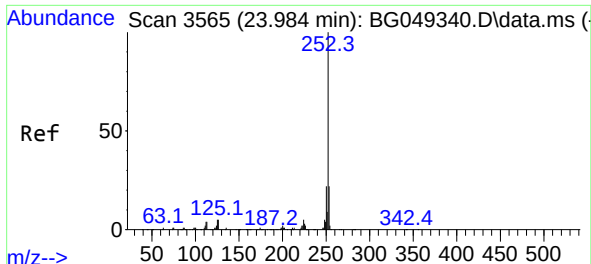
Tgt Ion:149 Resp: 550912



Instrument :
BNA_G
ClientSampleId :
SLCS619

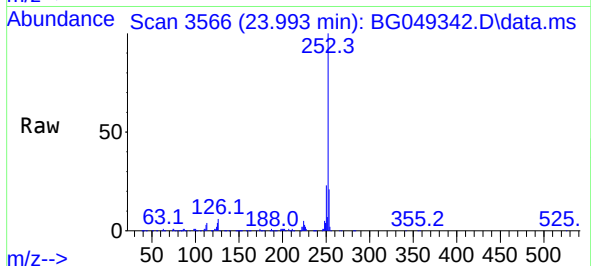
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#90
Benzo(b)fluoranthene
Concen: 42.252 ng/ul
RT: 23.993 min Scan# 3566
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

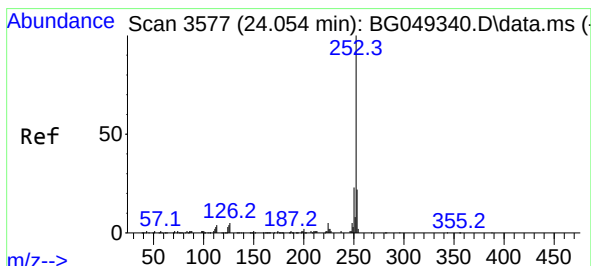
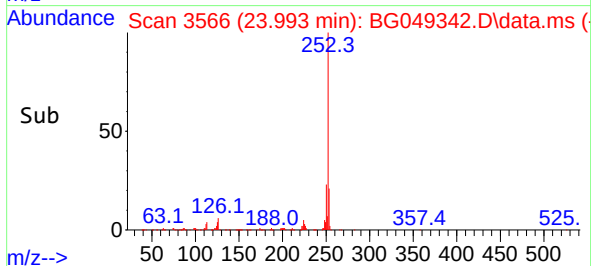
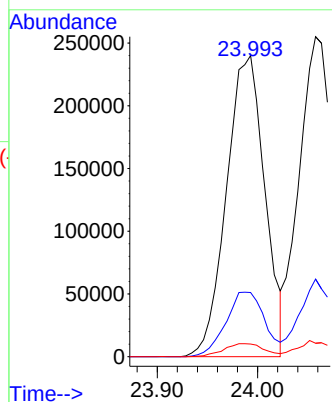
Instrument :
BNA_G
ClientSampled :
SLCS619



Tgt Ion:252 Resp: 636237
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 4.2 4.8 7.2#

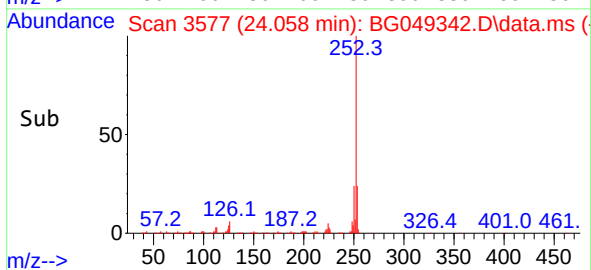
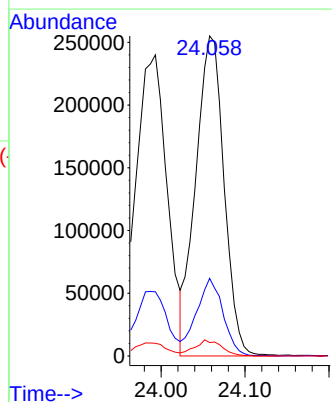
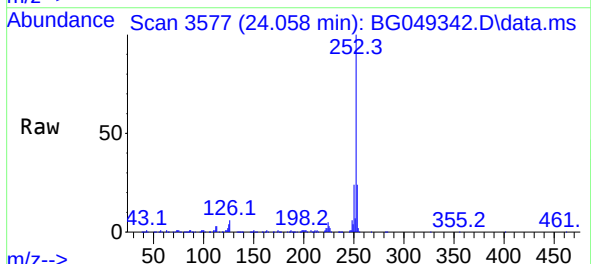
Manual Integrations
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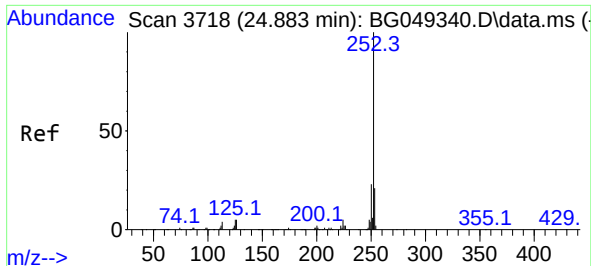
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#91
Benzo(k)fluoranthene
Concen: 40.856 ng/ul m
RT: 24.058 min Scan# 3577
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

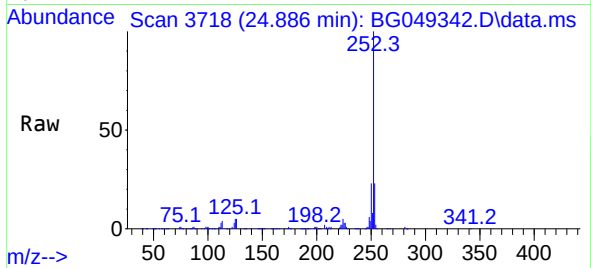
Tgt Ion:252 Resp: 599856
Ion Ratio Lower Upper
252 100
253 24.2 16.2 24.2#
125 4.2 3.7 5.5





#93
Benzo(a)pyrene
Concen: 41.511 ng/ul
RT: 24.886 min Scan# 3718
Delta R.T. -0.005 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

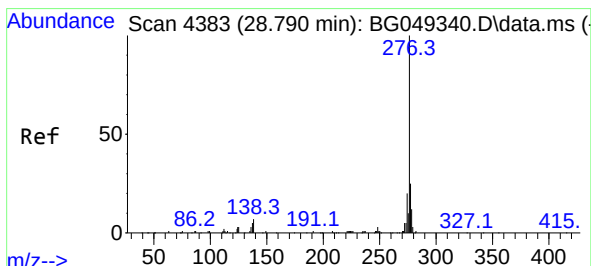
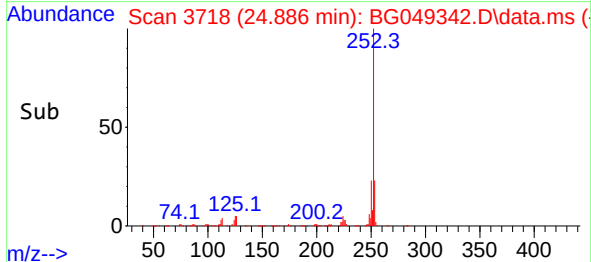
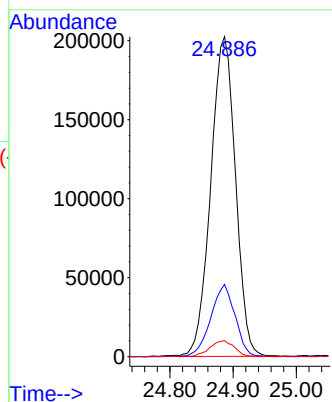
Instrument :
BNA_G
ClientSampleId :
SLCS619



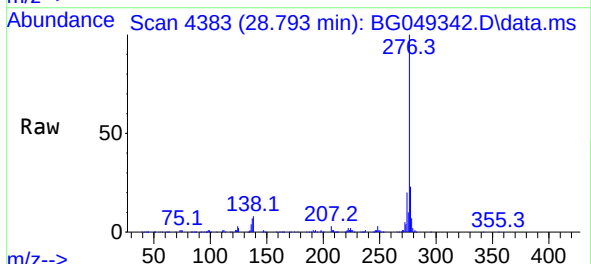
Tgt Ion:252 Resp: 550099
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 5.0 4.6 7.0

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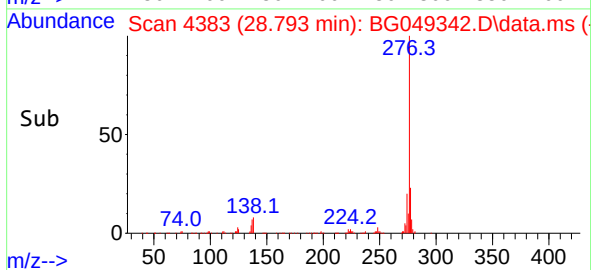
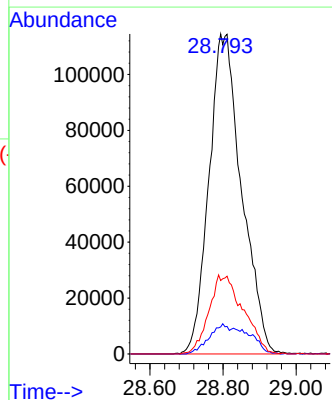
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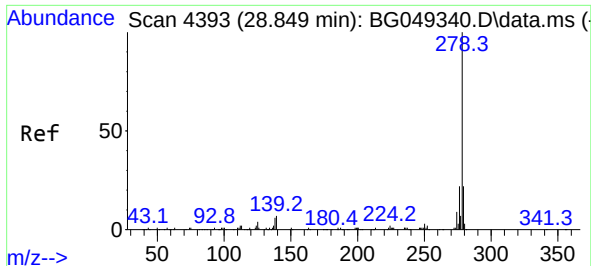


#94
Indeno(1,2,3-cd)pyrene
Concen: 41.619 ng/ul m
RT: 28.793 min Scan# 4383
Delta R.T. -0.023 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18



Tgt Ion:276 Resp: 711606
Ion Ratio Lower Upper
276 100
138 8.5 8.0 12.0
277 23.0 17.7 26.5





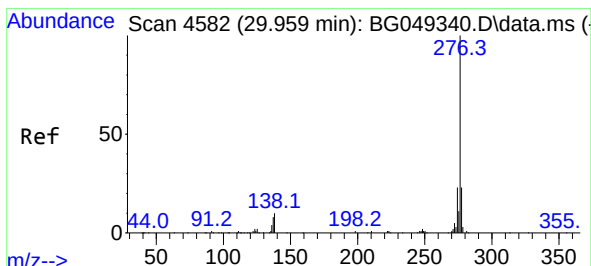
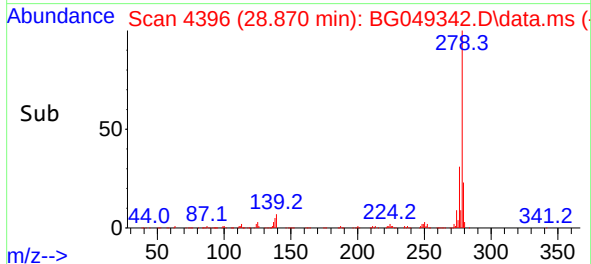
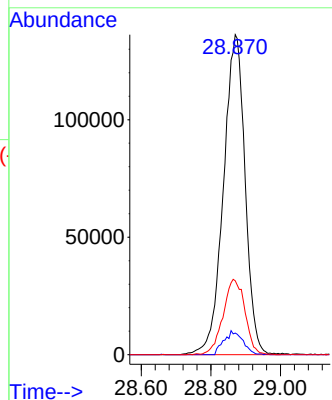
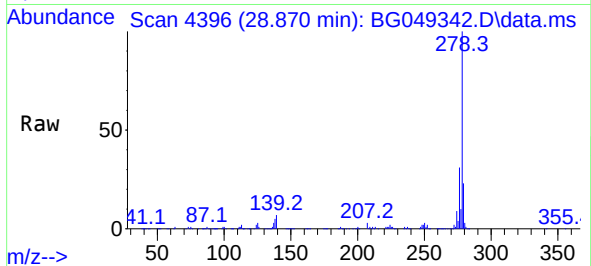
#95
Dibenzo(a,h)anthracene
Concen: 41.492 ng/ul
RT: 28.870 min Scan# 4396
Delta R.T. -0.017 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:278 Resp: 587606
Ion Ratio Lower Upper
278 100
139 6.7 5.4 8.2
279 23.1 21.1 31.7

Instrument :
BNA_G
ClientSampled :
SLCS619

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 41.751 ng/ul m
RT: 29.974 min Scan# 4584
Delta R.T. -0.011 min
Lab File: BG049342.D
Acq: 15 Jul 2021 00:18

Tgt Ion:276 Resp: 590205
Ion Ratio Lower Upper
276 100
138 9.5 7.2 10.8
277 24.8 16.3 24.5#

