

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100620\
 Data File : BG046793.D
 Acq On : 6 Oct 2020 17:03
 Operator : CG/JU
 Sample : PB131930BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS930

Manual Integrations
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 10/7/2020 10:40:18 AM

Quant Time: Oct 06 17:38:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 14:18:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	55098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.920	136	211284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.733	164	147547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.477	188	355864	20.00	ng/ul	0.00
78) Chrysene-d12	21.754	240	406293	20.00	ng/ul	0.00
86) Perylene-d12	25.021	264	440125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	8013	6.82	ng/uL	0.00
5) Phenol-d5	7.254	99	152668	32.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.430	67	88938	30.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.636	132	118948	35.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.805	113	118480	32.55	ng/ul	0.00
19) Nitrobenzene-d5	9.269	128	55928	41.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.992	143	64970	45.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.532	165	128935	36.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.043	131	127013	28.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.134	166	378958	33.96	ng/ul	0.00
47) Acenaphthylene-d8	14.428	160	464170	34.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.904	143	71451	40.18	ng/ul	0.00
58) Fluorene-d10	15.720	176	347915	33.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.832	200	72548	45.10	ng/ul	0.00
71) Anthracene-d10	17.577	188	552772	33.88	ng/ul	0.00
79) Pyrene-d10	19.857	212	736240	34.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.804	264	801265	33.68	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.570	88	19610	14.58	ng/uL	94
4) Benzaldehyde	7.242	77	112666	34.26	ng/ul	93
6) Phenol	7.283	94	158465	32.38	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.524	93	120630	31.71	ng/ul	97
10) 2-Chlorophenol	7.671	128	112942	32.74	ng/ul	98
11) 2-Methylphenol	8.540	108	114146	31.28	ng/ul	94
12) 2,2'-oxybis(1-Chloropr...	8.635	45	177830	29.50	ng/ul	97
14) Acetophenone	8.928	105	186332	31.24	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.917	70	96085	29.17	ng/ul	97
16) 4-Methylphenol	8.870	108	118799	31.08	ng/ul	96
17) Hexachloroethane	9.204	117	51599	33.09	ng/ul	94
20) Nitrobenzene	9.310	77	154973	39.14	ng/ul	97
21) Isophorone	9.839	82	273947	30.99	ng/ul	97
23) 2-Nitrophenol	10.027	139	67472	42.61	ng/ul	98
24) 2,4-Dimethylphenol	10.080	107	127972	29.97	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.321	93	159142	31.26	ng/ul	99
27) 2,4-Dichlorophenol	10.556	162	123287	35.08	ng/ul	95
28) Naphthalene	10.973	128	373257	32.08	ng/ul	97
30) 4-Chloroaniline	11.073	127	134676	31.66	ng/ul	91
31) Hexachlorobutadiene	11.261	225	102228	32.56	ng/ul	99
32) Caprolactam	11.819	113	43867m	35.02	ng/ul	
33) 4-Chloro-3-methylphenol	12.177	107	129613	33.09	ng/ul	95
34) 2-Methylnaphthalene	12.571	142	269993	31.52	ng/ul	99
35) 1-Methylnaphthalene	12.788	142	309937	37.31	ng/ul#	98
37) 1,2,4,5-Tetrachloroben...	12.929	216	177600	32.73	ng/ul	99

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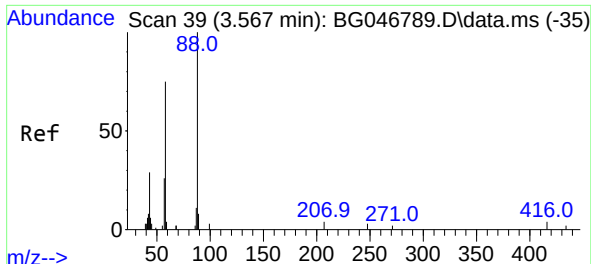
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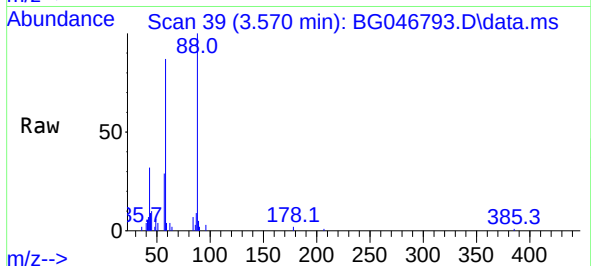
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.918	237	92269	26.63	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.165	196	112212	36.57	ng/ul#	91
40) 2,4,5-Trichlorophenol	13.235	196	119952	37.23	ng/ul	94
41) 1,1'-Biphenyl	13.570	154	361177	31.57	ng/ul	96
42) 2-Chloronaphthalene	13.611	162	290226	31.95	ng/ul	99
43) 2-Nitroaniline	13.805	65	95359	45.65	ng/ul	98
45) Dimethylphthalate	14.181	163	375741	32.61	ng/ul	99
46) 2,6-Dinitrotoluene	14.298	165	81895	44.80	ng/ul	99
48) Acenaphthylene	14.457	152	422744	31.65	ng/ul	99
49) 3-Nitroaniline	14.622	138	75708	41.49	ng/ul#	85
50) Acenaphthene	14.798	153	302824	32.03	ng/ul	98
51) 2,4-Dinitrophenol	14.827	184	46783	43.73	ng/ul#	88
53) 4-Nitrophenol	14.921	109	72058	41.08	ng/ul	96
54) Dibenzofuran	15.127	168	449493	32.40	ng/ul	98
55) 2,4-Dinitrotoluene	15.080	165	117345	47.10	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.350	232	118822	39.23	ng/ul	98
57) Diethylphthalate	15.544	149	381623	33.50	ng/ul	99
59) Fluorene	15.779	166	365016	31.96	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.767	204	210438	32.62	ng/ul	98
61) 4-Nitroaniline	15.785	138	82628	39.55	ng/ul	92
64) 4,6-Dinitro-2-methylph...	15.844	198	75395	42.67	ng/ul#	95
65) N-Nitrosodiphenylamine	15.979	169	329649	32.23	ng/ul	98
66) 4-Bromophenyl-phenylether	16.666	248	146821	32.94	ng/ul	91
67) Hexachlorobenzene	16.778	284	138468	37.99	ng/ul	94
68) Atrazine	16.925	200	143468	34.18	ng/ul	94
69) Pentachlorophenol	17.119	266	103459	38.56	ng/ul#	91
70) Phenanthrene	17.518	178	649205	33.26	ng/ul	98
72) Anthracene	17.612	178	639370	32.53	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.535	216	205821	37.24	ng/uL	95
74) Pentachlorobenzene	15.051	250	179893	31.74	ng/uL	97
75) Carbazole	17.871	167	553257	34.96	ng/ul	99
76) Di-n-butylphthalate	18.435	149	670228	34.70	ng/ul	98
77) Fluoranthene	19.522	202	873830	35.56	ng/ul	100
80) Pyrene	19.886	202	864168	33.05	ng/ul	98
81) Butylbenzylphthalate	20.767	149	328327	35.74	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.643	252	341898	36.68	ng/ul	99
83) Benzo(a)anthracene	21.731	228	912316	34.04	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.637	149	477257	35.30	ng/ul	98
85) Chrysene	21.801	228	882108	34.07	ng/ul	97
87) Di-n-octyl phthalate	22.877	149	818648	33.57	ng/ul	100
88) Benzo(b)fluoranthene	23.981	252	920792	31.63	ng/ul	100
89) Benzo(k)fluoranthene	24.052	252	923951	32.45	ng/ul	99
91) Benzo(a)pyrene	24.874	252	843221	31.50	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.758	276	1055907	32.50	ng/ul	100
93) Dibenzo(a,h)anthracene	28.834	278	861721	31.98	ng/ul	99
94) Benzo(g,h,i)perylene	29.933	276	857100	31.64	ng/ul	97

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



#2
1,4-Dioxane
Concen: 14.58 ng/uL
RT: 3.570 min Scan# 39
Delta R.T. 0.003 min
Lab File: BG046793.D
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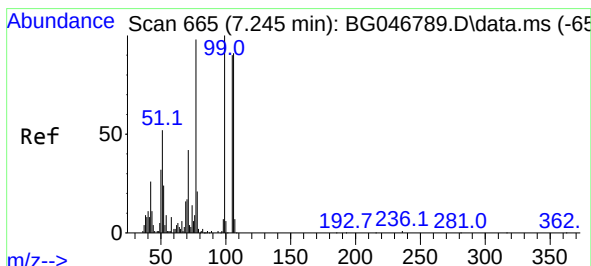
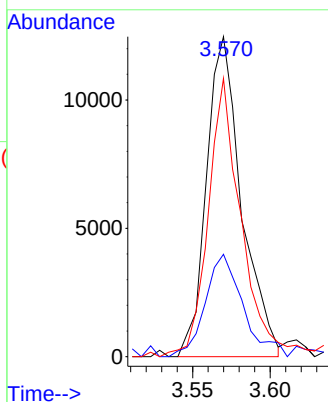
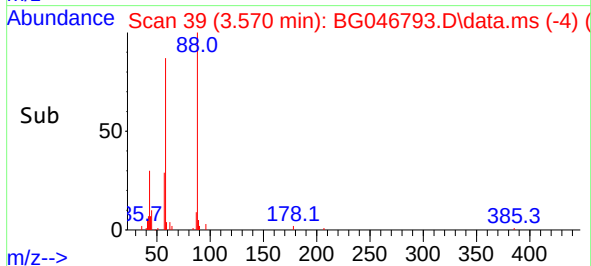
Instrument :
BNA_G
ClientSampled :
SLCS930



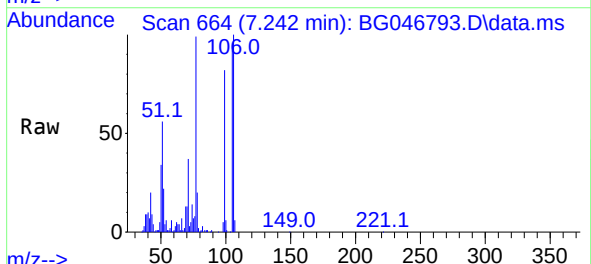
Tgt Ion: 88 Resp: 19610
Ion Ratio Lower Upper
88 100
43 32.0 29.7 44.5
58 86.9 65.7 98.5

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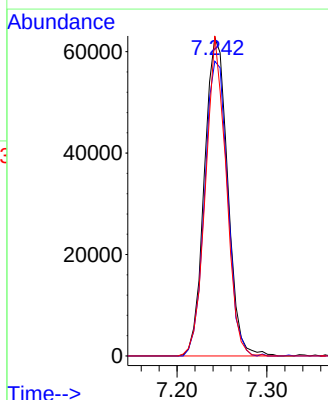
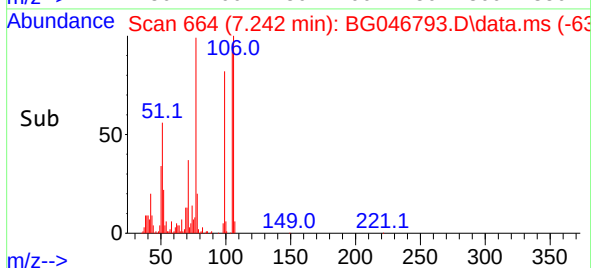
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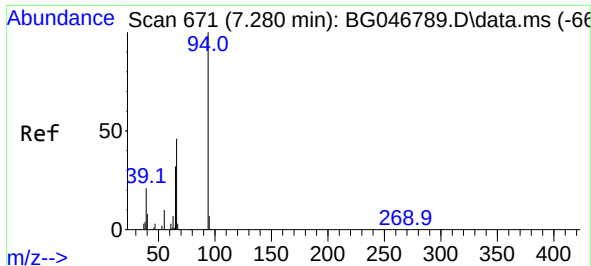


#4
Benzaldehyde
Concen: 34.26 ng/uL
RT: 7.242 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

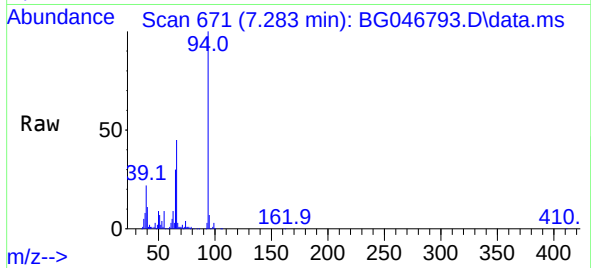


Tgt Ion: 77 Resp: 112666
Ion Ratio Lower Upper
77 100
105 92.6 71.2 106.8
106 100.5 72.3 108.5

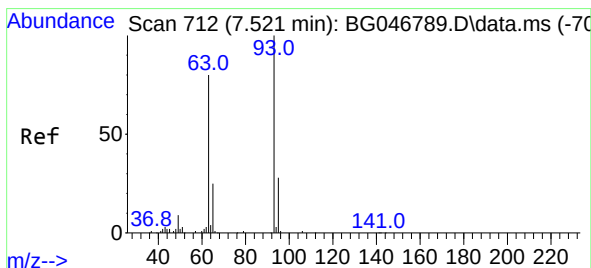
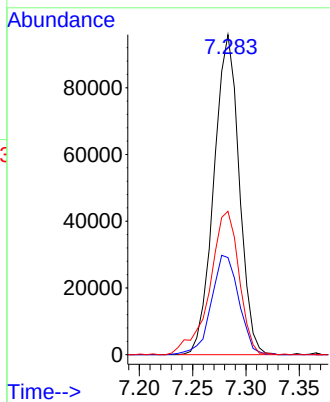
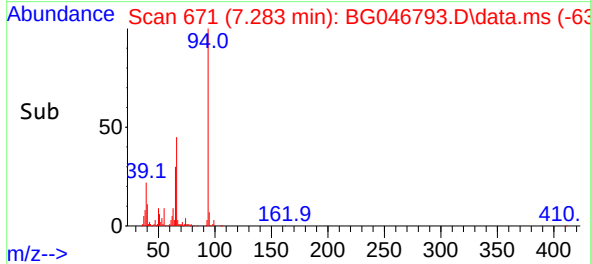




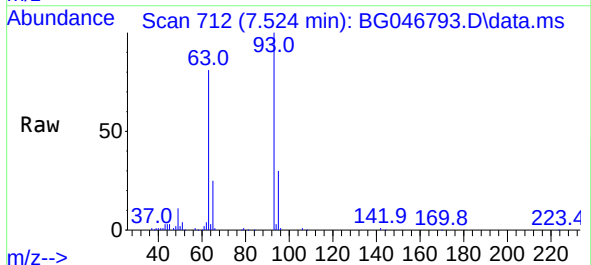
#6
Phenol
Concen: 32.38 ng/ul
RT: 7.283 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



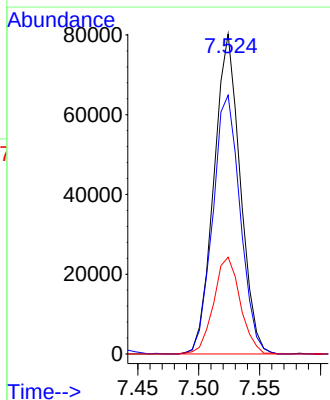
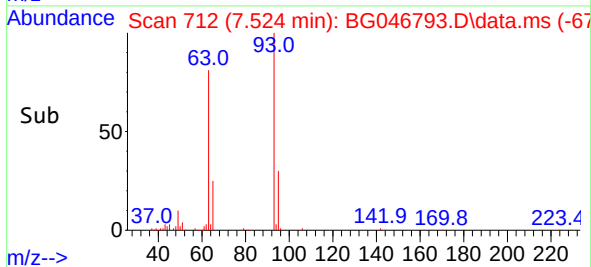
Tgt Ion: 94 Resp: 158465
Ion Ratio Lower Upper
94 100
65 30.4 26.9 40.3
66 44.8 37.8 56.8



#8
Bis(2-Chloroethyl)ether
Concen: 31.71 ng/ul
RT: 7.524 min Scan# 712
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



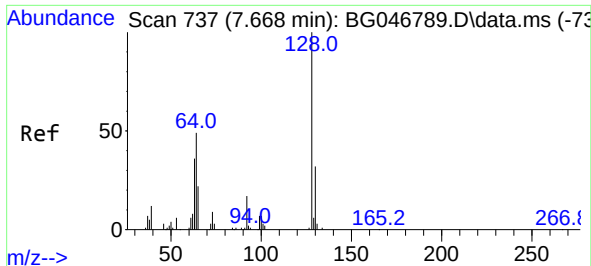
Tgt Ion: 93 Resp: 120630
Ion Ratio Lower Upper
93 100
63 80.8 67.0 100.4
95 30.3 23.2 34.8



Instrument :
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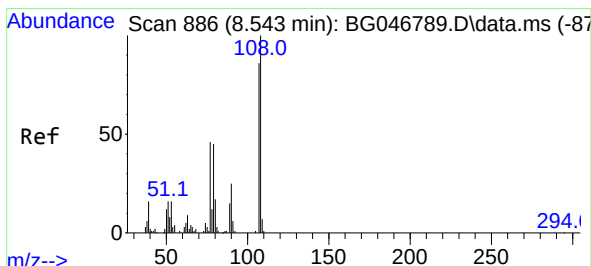
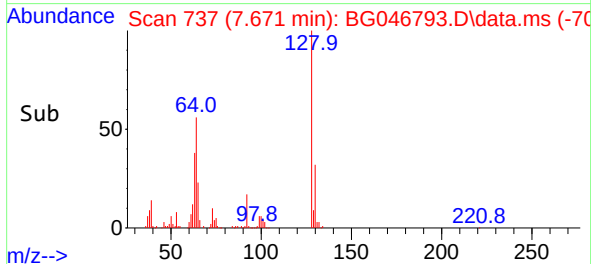
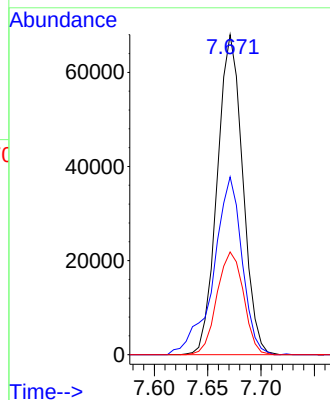
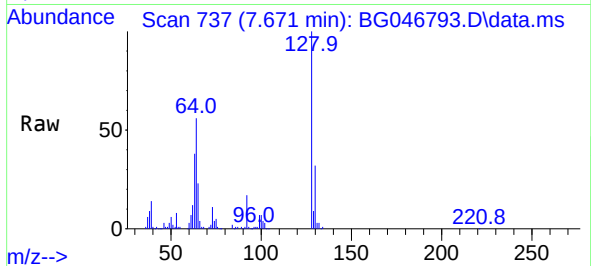
#10
2-Chlorophenol
Concen: 32.74 ng/ul
RT: 7.671 min Scan# 737
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:128 Resp: 112942
Ion Ratio Lower Upper
128 100
64 55.6 45.9 68.9
130 32.1 26.6 40.0

Instrument :
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ClientSampled :
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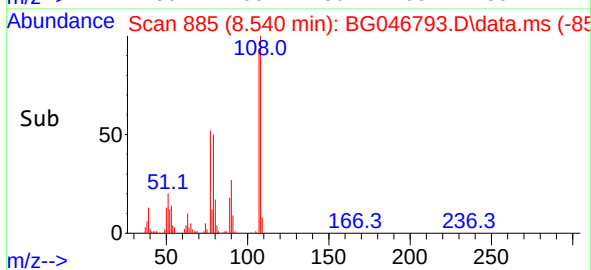
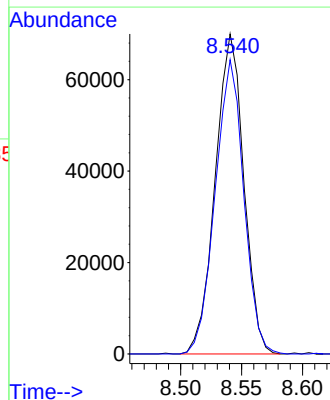
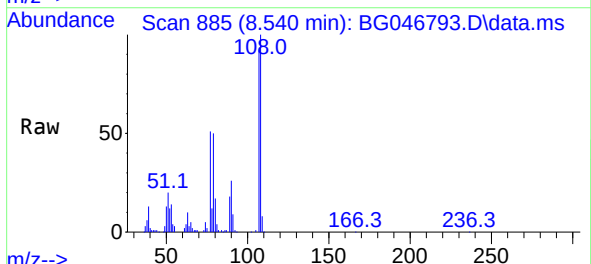
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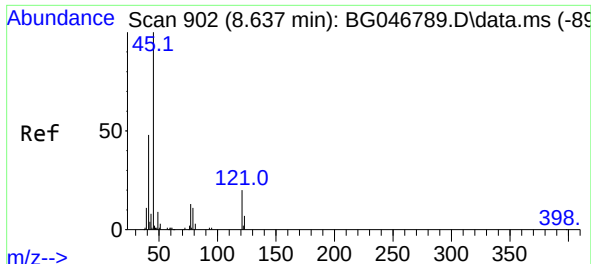
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#11
2-Methylphenol
Concen: 31.28 ng/ul
RT: 8.540 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

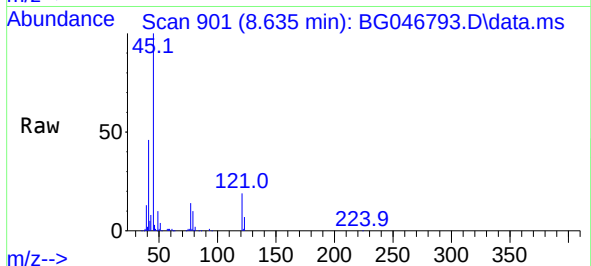
Tgt Ion:108 Resp: 114146
Ion Ratio Lower Upper
108 100
107 92.0 69.1 103.7





#12
2,2'-oxybis(1-Chloropropane)
Concen: 29.50 ng/ul
RT: 8.635 min Scan# 901
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

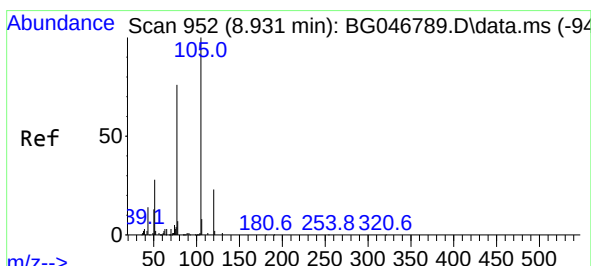
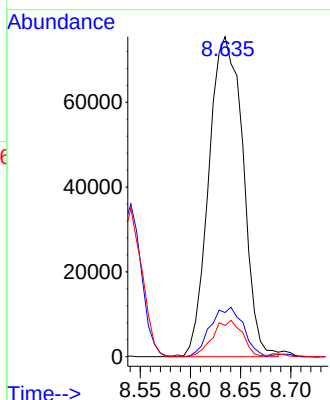
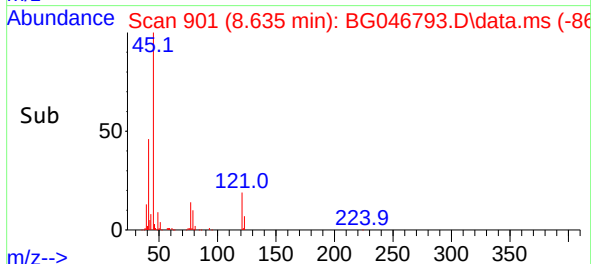
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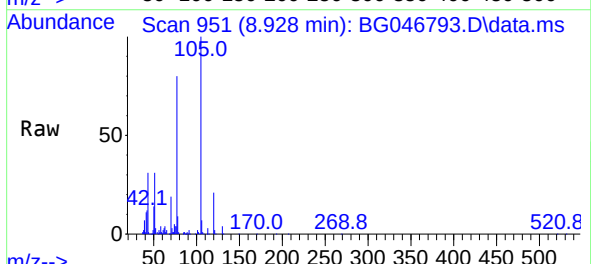
Tgt Ion: 45 Resp: 177830
Ion Ratio Lower Upper
45 100
77 13.8 12.6 18.8
79 9.8 7.7 11.5

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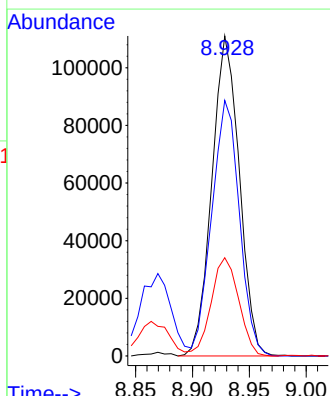
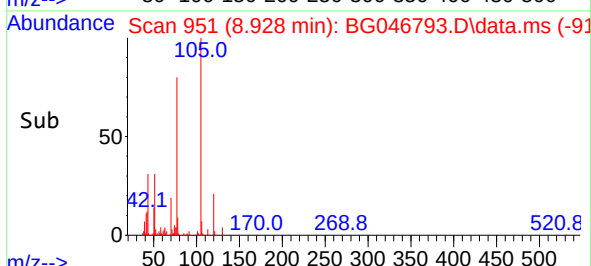
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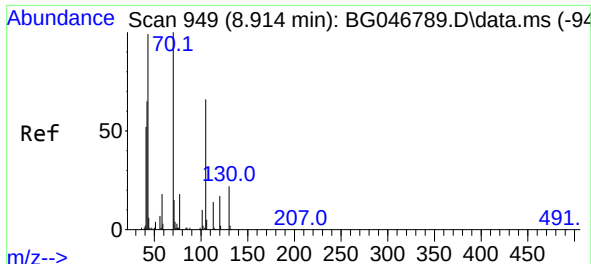


#14
Acetophenone
Concen: 31.24 ng/ul
RT: 8.928 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



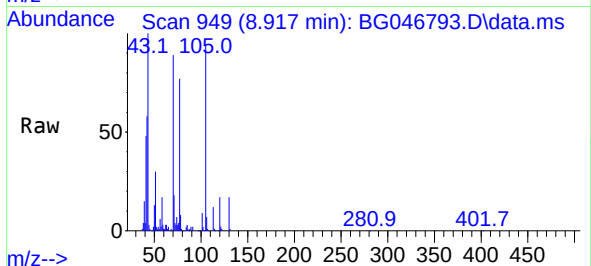
Tgt Ion: 105 Resp: 186332
Ion Ratio Lower Upper
105 100
77 79.8 66.2 99.2
51 30.7 24.4 36.6





#15
N-Nitroso-di-n-propylamine
Concen: 29.17 ng/ul
RT: 8.917 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

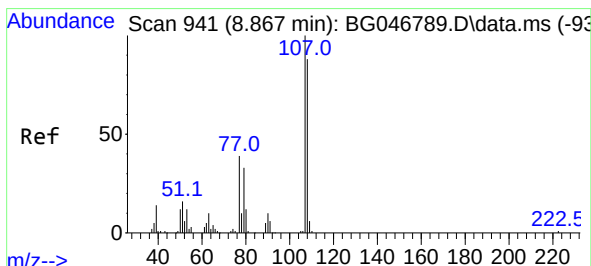
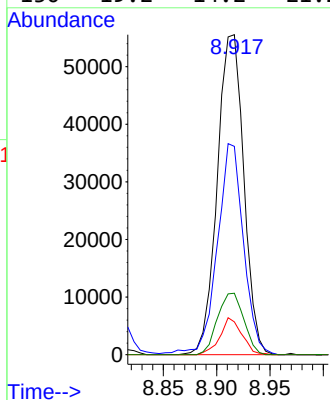
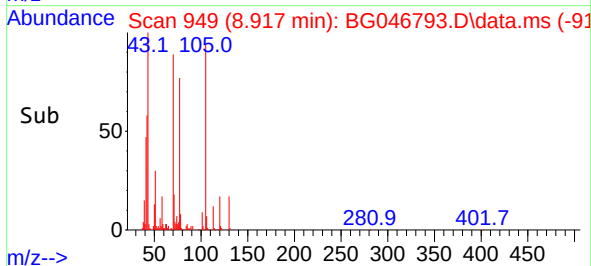
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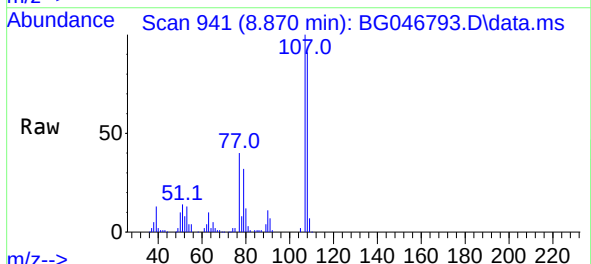
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Ion Ratio Lower Upper
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42 65.1 50.7 76.1
101 10.3 7.3 10.9
130 19.2 14.2 21.2

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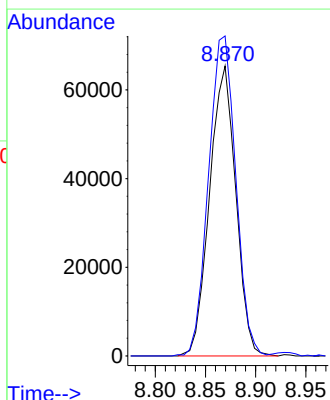
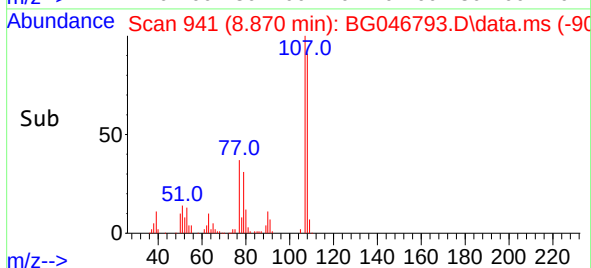
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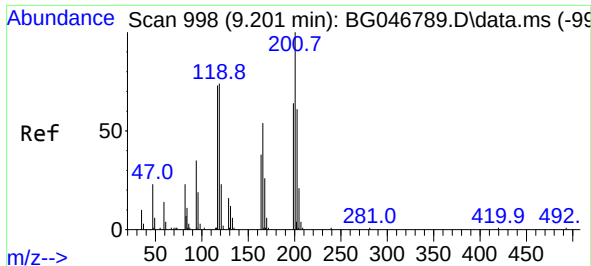


#16
4-Methylphenol
Concen: 31.08 ng/ul
RT: 8.870 min Scan# 941
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



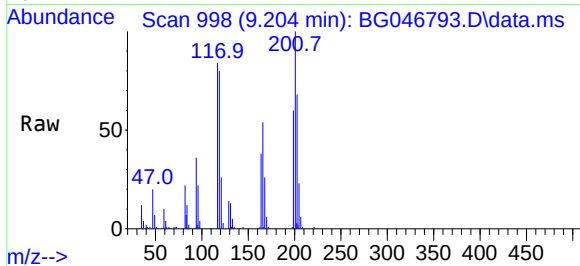
Tgt Ion: 108 Resp: 118799
Ion Ratio Lower Upper
108 100
107 110.4 84.8 127.2





#17
Hexachloroethane
Concen: 33.09 ng/ul
RT: 9.204 min Scan# 998
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

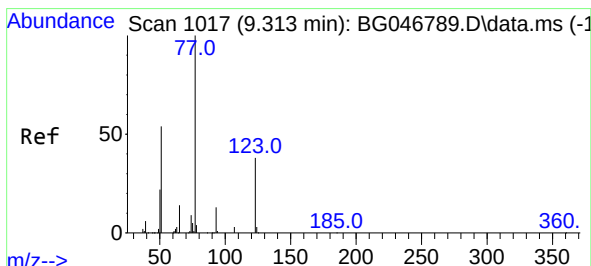
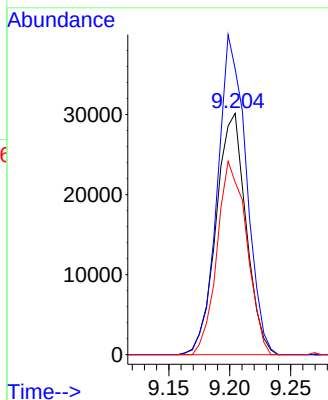
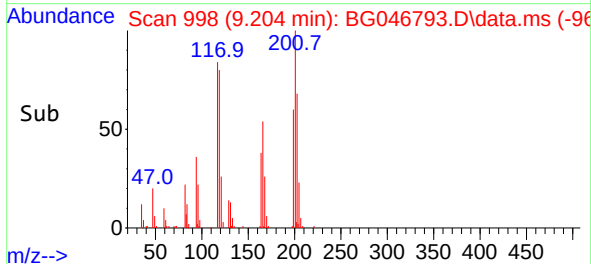
Instrument :
BNA_G
ClientSampled :
SLCS930



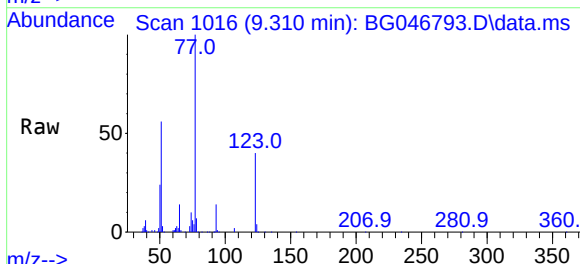
Tgt Ion:117 Resp: 51599
Ion Ratio Lower Upper
117 100
201 118.4 97.3 145.9
199 71.5 64.3 96.5

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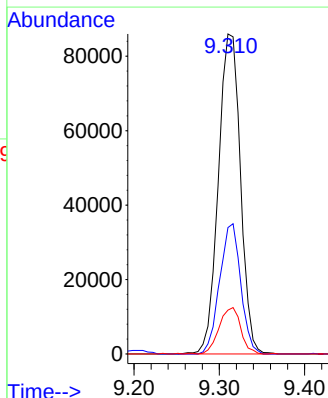
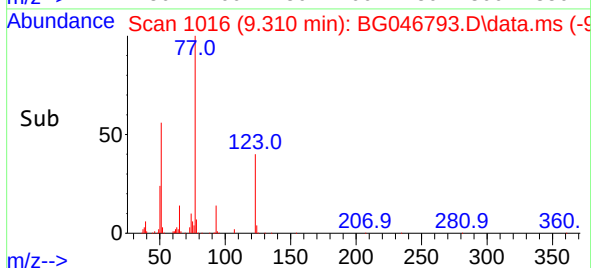
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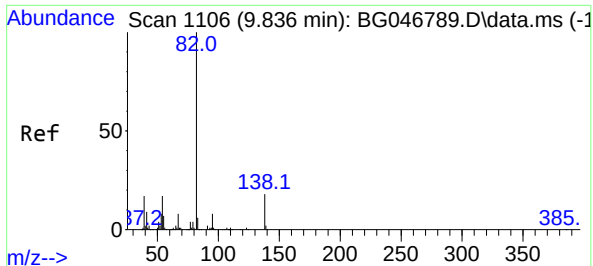


#20
Nitrobenzene
Concen: 39.14 ng/ul
RT: 9.310 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



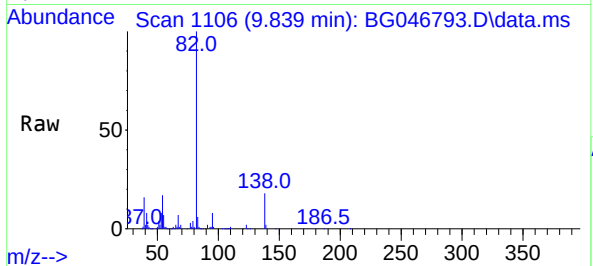
Tgt Ion: 77 Resp: 154973
Ion Ratio Lower Upper
77 100
123 39.5 33.7 50.5
65 13.7 10.5 15.7





#21
Isophorone
Concen: 30.99 ng/ul
RT: 9.839 min Scan# 1106
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

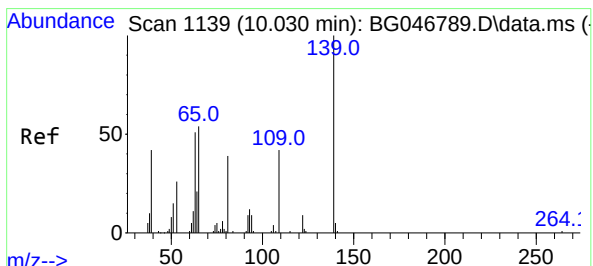
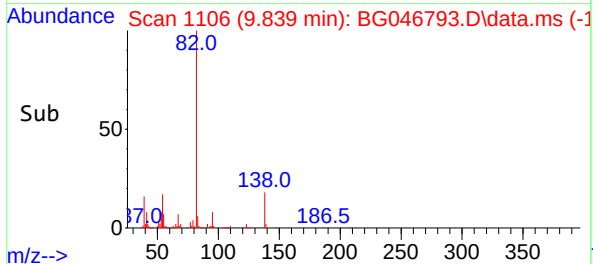
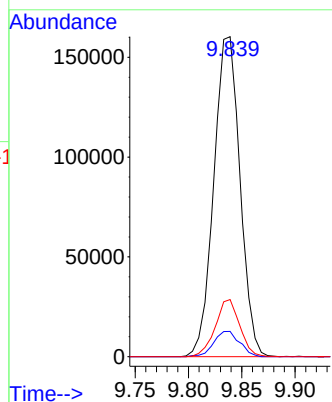
Instrument :
BNA_G
ClientSampled :
SLCS930



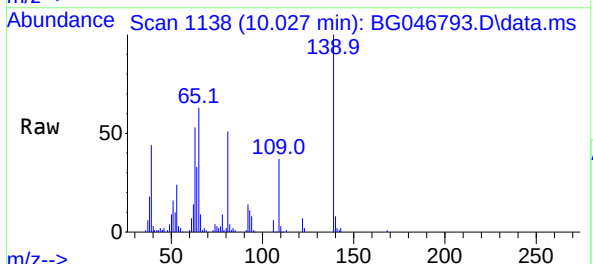
Tgt Ion: 82 Resp: 273947
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 17.9 13.0 19.4

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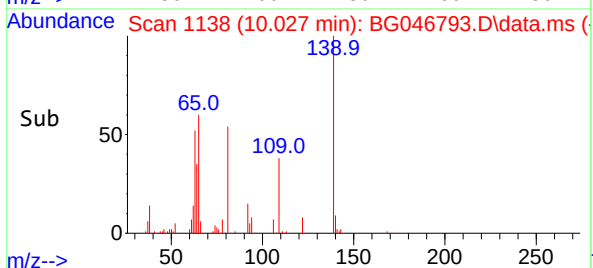
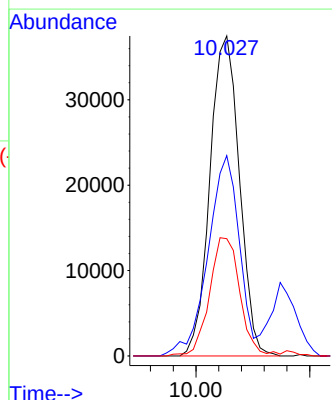
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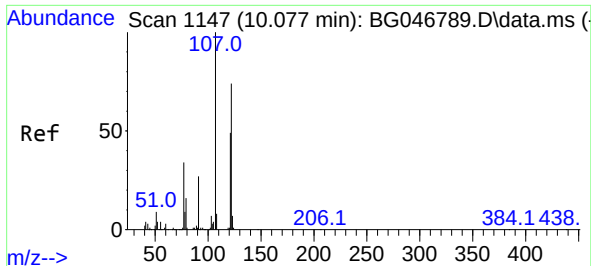


#23
2-Nitrophenol
Concen: 42.61 ng/ul
RT: 10.027 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



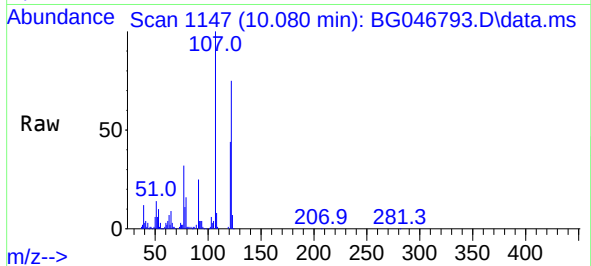
Tgt Ion: 139 Resp: 67472
Ion Ratio Lower Upper
139 100
65 62.6 50.3 75.5
109 36.7 27.3 40.9





#24
2,4-Dimethylphenol
Concen: 29.97 ng/ul
RT: 10.080 min Scan# 1147
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

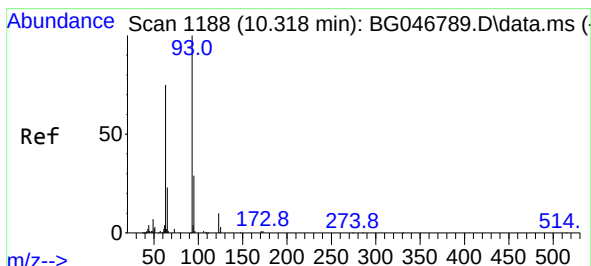
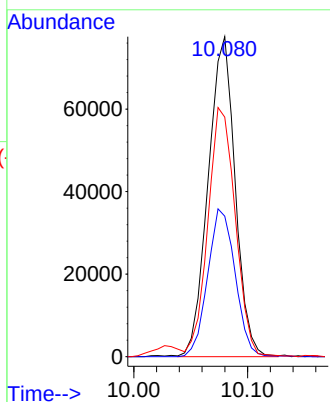
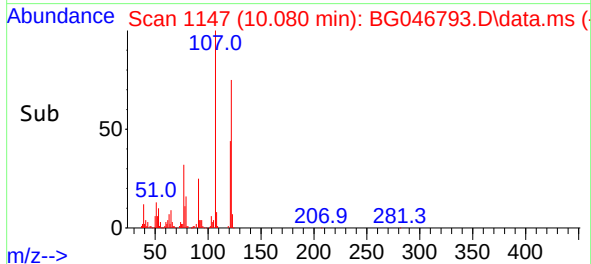
Instrument :
BNA_G
ClientSampled :
SLCS930



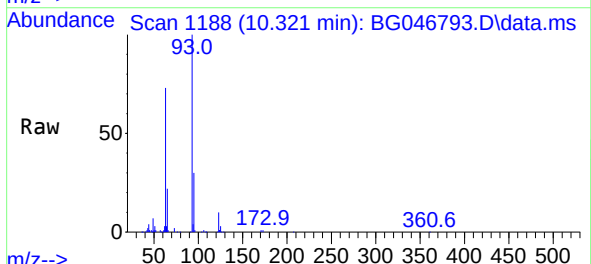
Tgt Ion:107 Resp: 127972
Ion Ratio Lower Upper
107 100
121 43.9 35.8 53.8
122 74.9 61.8 92.6

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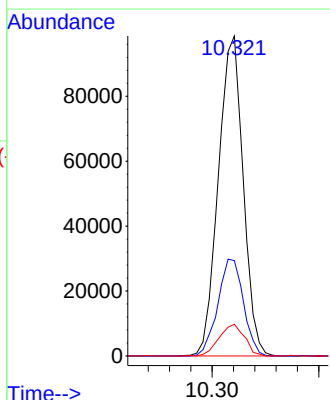
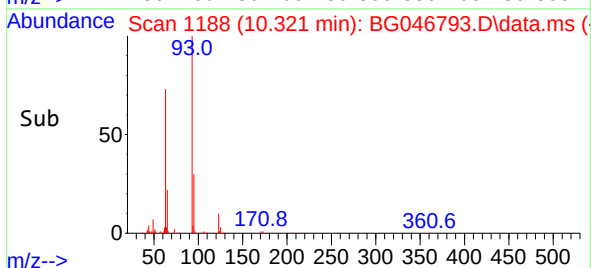
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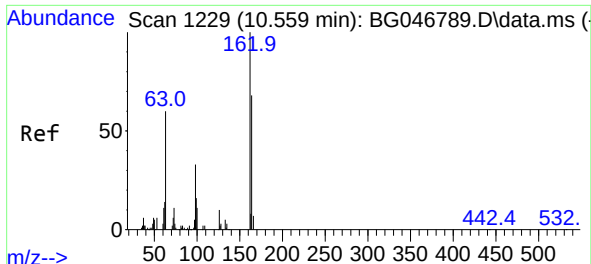


#25
Bis(2-Chloroethoxy)methane
Concen: 31.26 ng/ul
RT: 10.321 min Scan# 1188
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion: 93 Resp: 159142
Ion Ratio Lower Upper
93 100
95 29.8 23.5 35.3
123 9.9 8.2 12.2





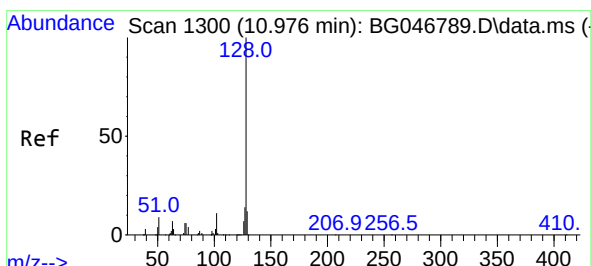
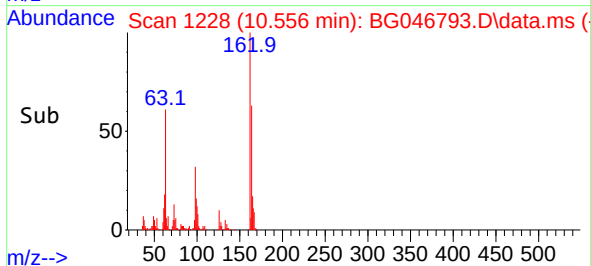
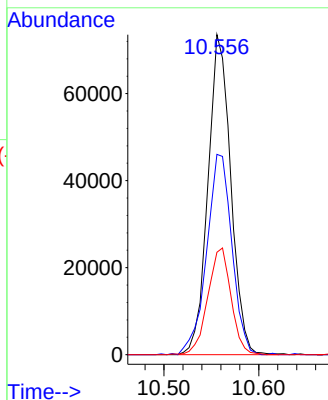
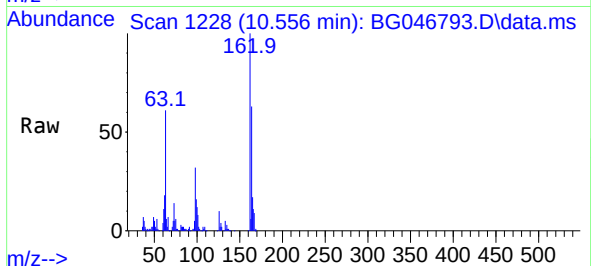
#27
2,4-Dichlorophenol
Concen: 35.08 ng/ul
RT: 10.556 min Scan# 1228
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Instrument :
BNA_G
ClientSampled :
SLCS930

Tgt Ion:162 Resp: 123287
Ion Ratio Lower Upper
162 100
164 62.6 54.2 81.2
98 32.0 26.6 39.8

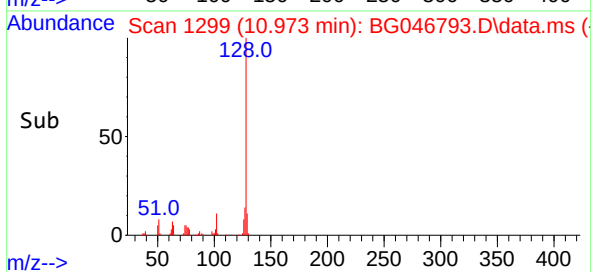
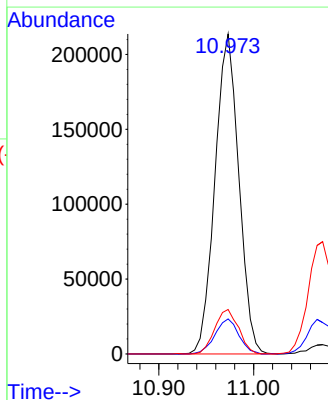
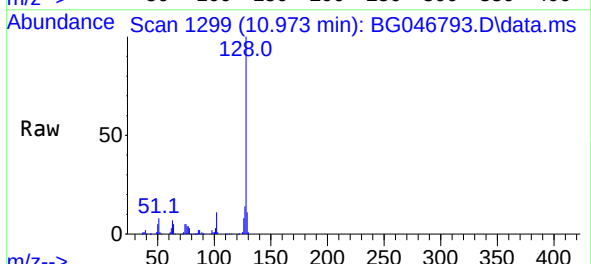
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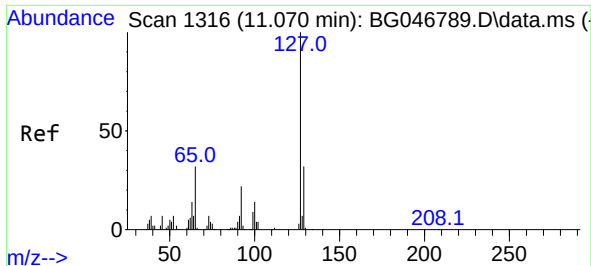
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#28
Naphthalene
Concen: 32.08 ng/ul
RT: 10.973 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:128 Resp: 373257
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.4
127 13.9 11.0 16.4





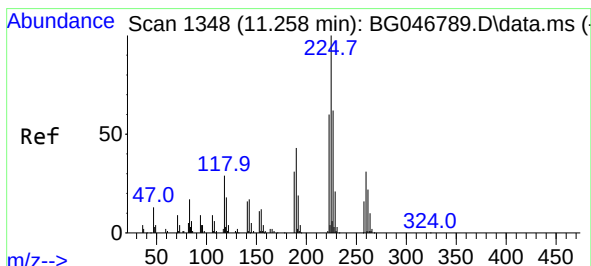
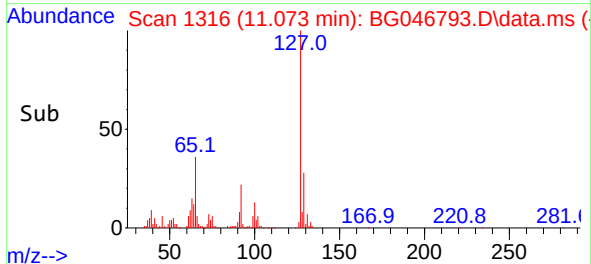
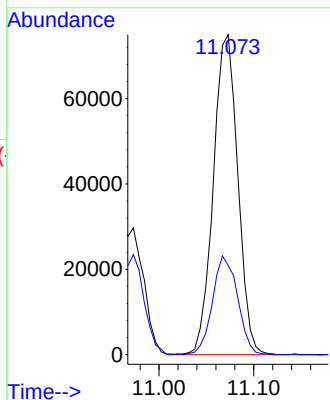
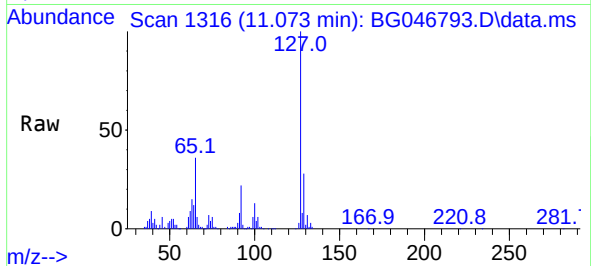
#30
4-Chloroaniline
Concen: 31.66 ng/ul
RT: 11.073 min Scan# 1316
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:127 Resp: 134676
Ion Ratio Lower Upper
127 100
129 27.9 26.5 39.7

Instrument :
BNA_G
ClientSampled :
SLCS930

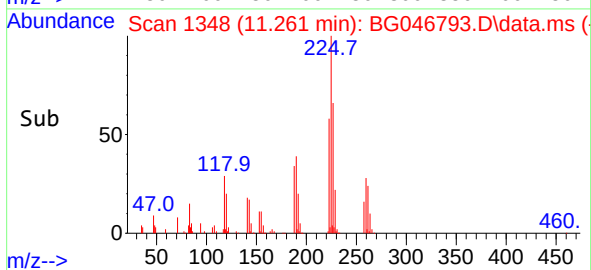
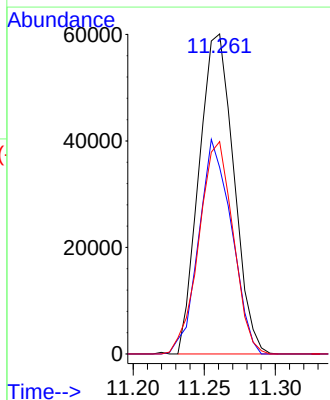
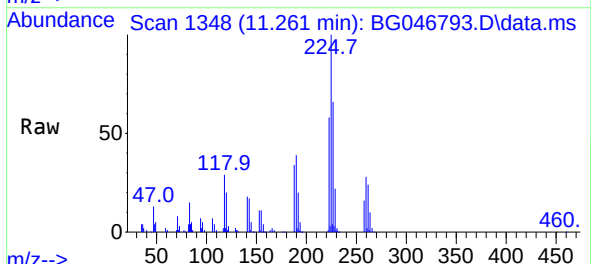
Manual Integrations
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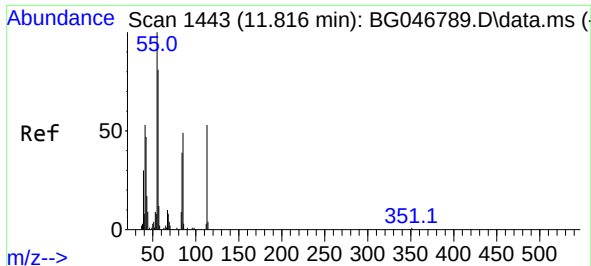
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#31
Hexachlorobutadiene
Concen: 32.56 ng/ul
RT: 11.261 min Scan# 1348
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

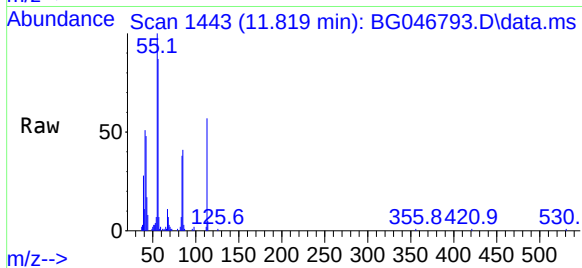
Tgt Ion:225 Resp: 102228
Ion Ratio Lower Upper
225 100
223 61.2 49.2 73.8
227 69.6 54.2 81.2





#32
Caprolactam
Concen: 35.02 ng/ul m
RT: 11.819 min Scan# 1443
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

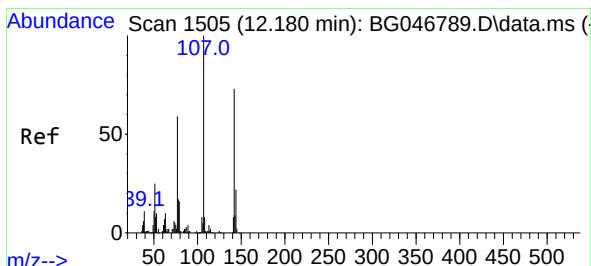
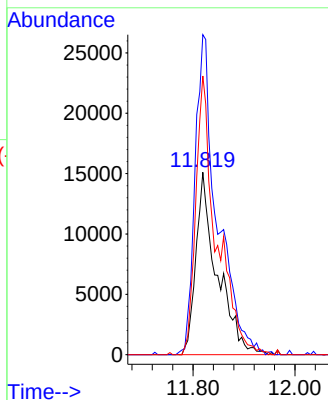
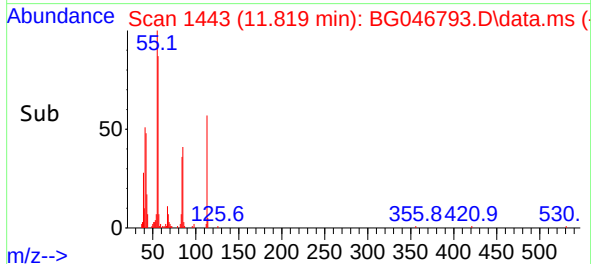
Instrument :
BNA_G
ClientSampled :
SLCS930



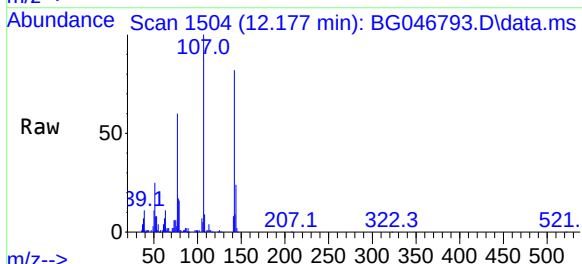
Tgt Ion:113 Resp: 43867
Ion Ratio Lower Upper
113 100
55 175.4 145.7 218.5
56 152.7 115.3 172.9

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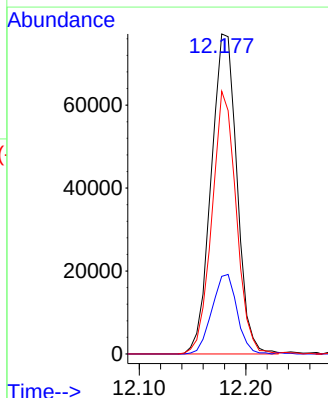
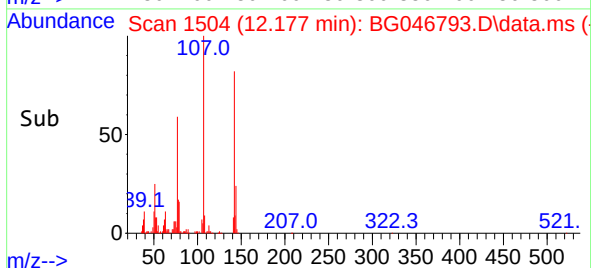
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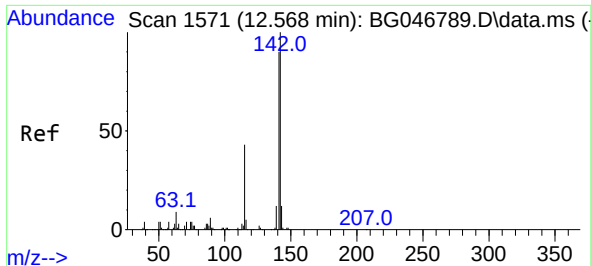


#33
4-Chloro-3-methylphenol
Concen: 33.09 ng/ul
RT: 12.177 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:107 Resp: 129613
Ion Ratio Lower Upper
107 100
144 24.3 19.5 29.3
142 82.1 60.9 91.3





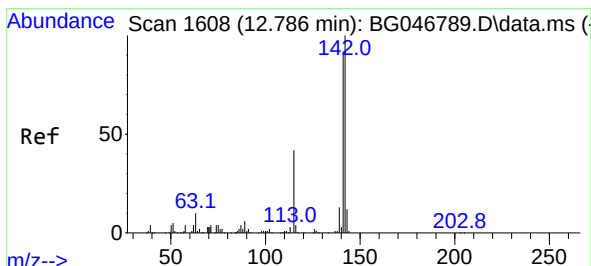
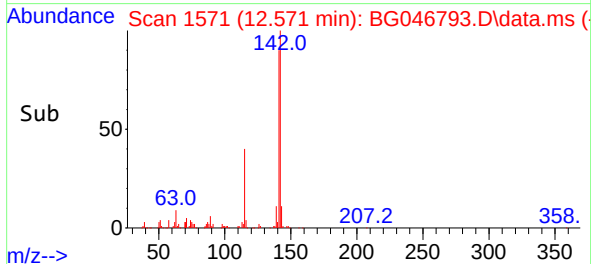
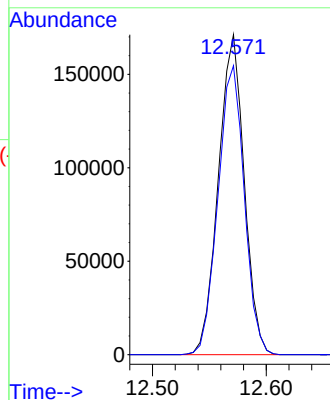
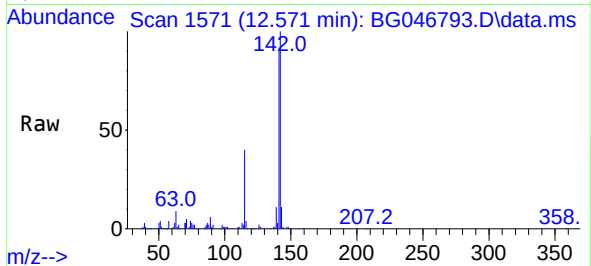
#34
2-Methylnaphthalene
Concen: 31.52 ng/ul
RT: 12.571 min Scan# 1571
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:142 Resp: 269993
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

Instrument :
BNA_G
ClientSampled :
SLCS930

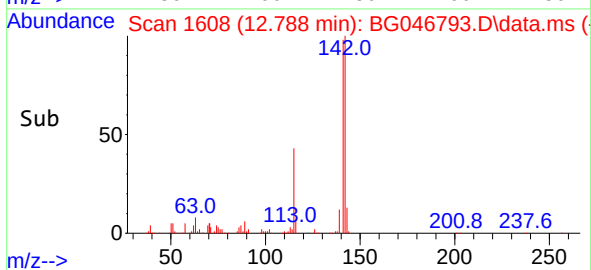
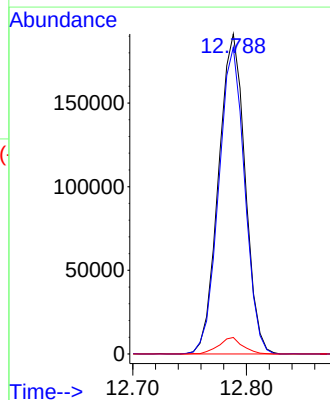
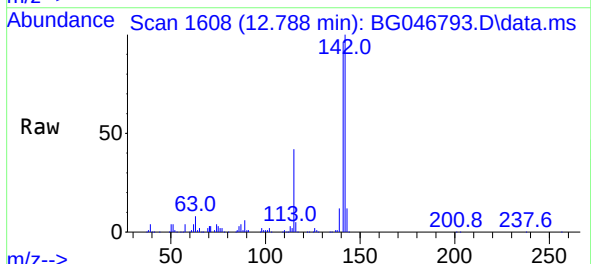
Manual Integrations
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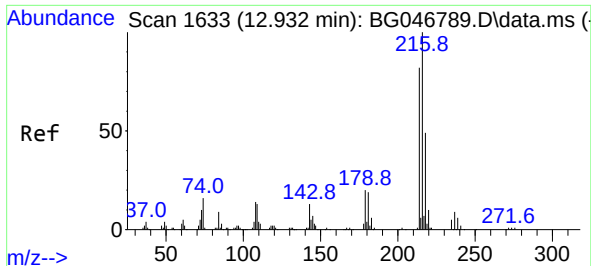
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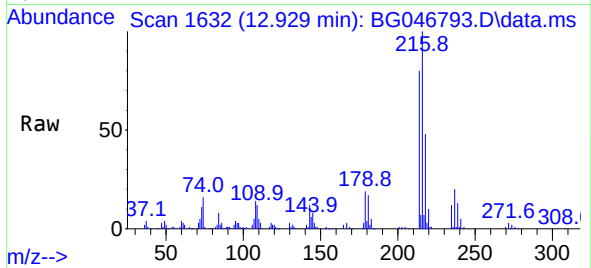
#35
1-Methylnaphthalene
Concen: 37.31 ng/ul
RT: 12.788 min Scan# 1608
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:142 Resp: 309937
Ion Ratio Lower Upper
142 100
141 95.9 74.8 112.2
116 5.2 3.4 5.0#

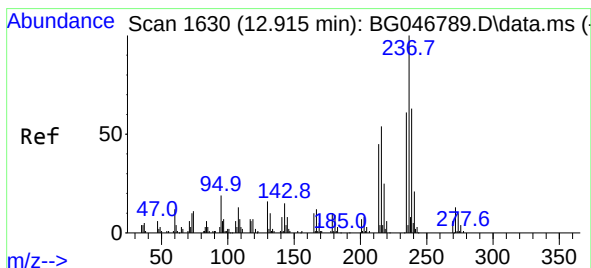
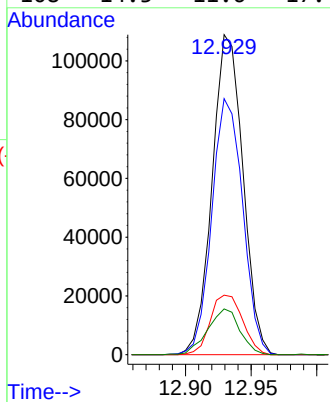
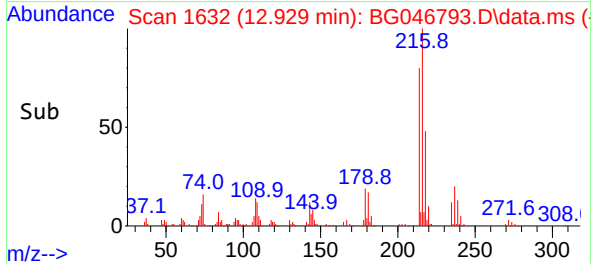




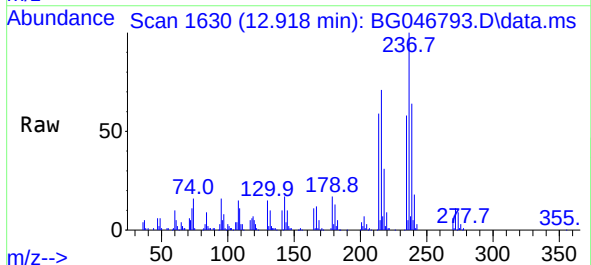
#37
1,2,4,5-Tetrachlorobenzene
Concen: 32.73 ng/ul
RT: 12.929 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



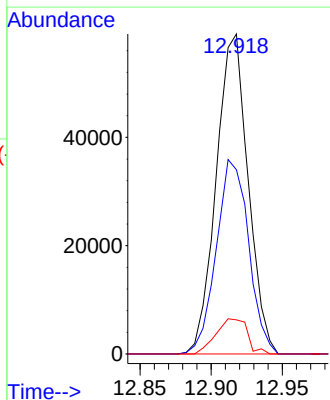
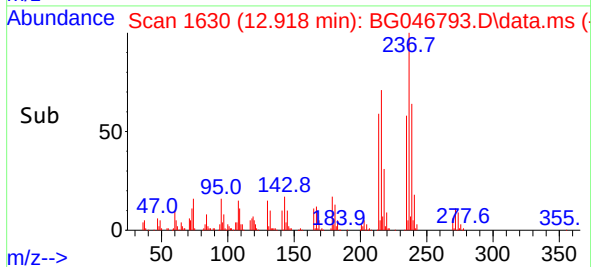
Tgt Ion:216 Resp: 177600
Ion Ratio Lower Upper
216 100
214 80.0 63.2 94.8
179 18.6 14.7 22.1
108 14.3 11.6 17.4



#38
Hexachlorocyclopentadiene
Concen: 26.63 ng/ul
RT: 12.918 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



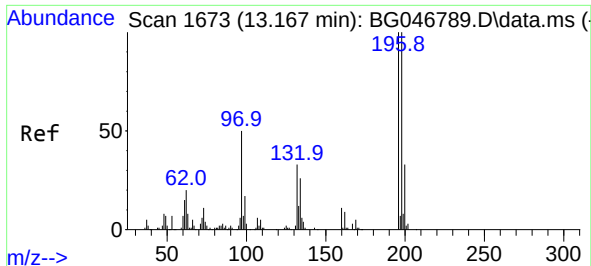
Tgt Ion:237 Resp: 92269
Ion Ratio Lower Upper
237 100
235 53.8 44.0 66.0
272 10.4 0.6 0.8#



Instrument :
BNA_G
ClientSampled :
SLCS930

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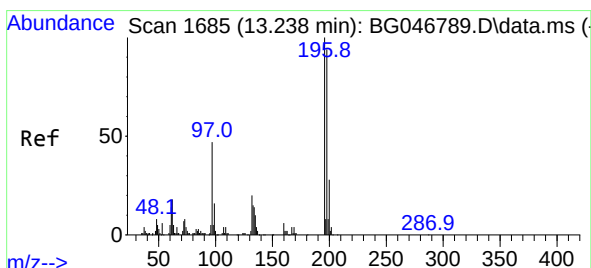
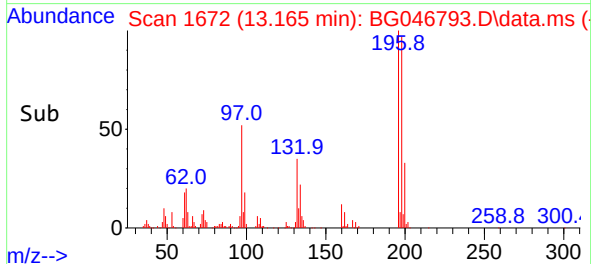
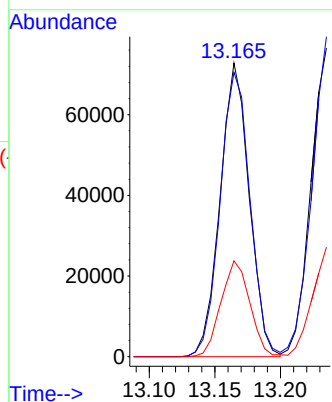
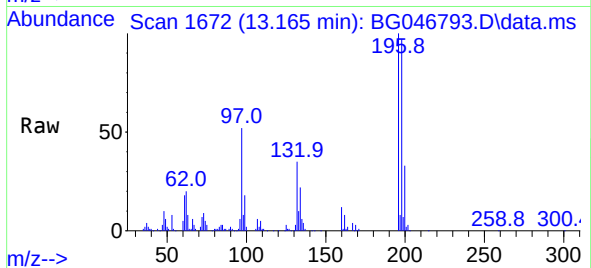
#39
2,4,6-Trichlorophenol
Concen: 36.57 ng/ul
RT: 13.165 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:196 Resp: 112212
Ion Ratio Lower Upper
196 100
198 96.9 84.6 127.0
200 34.6 22.9 34.3#

Instrument :
BNA_G
ClientSampled :
SLCS930

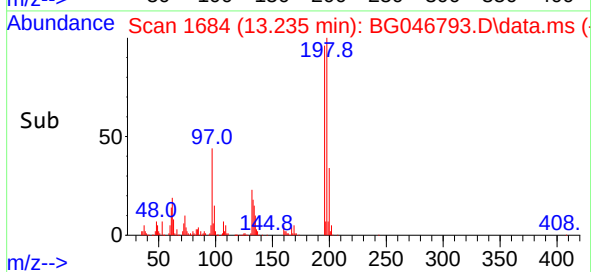
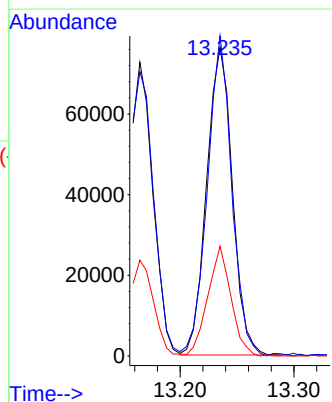
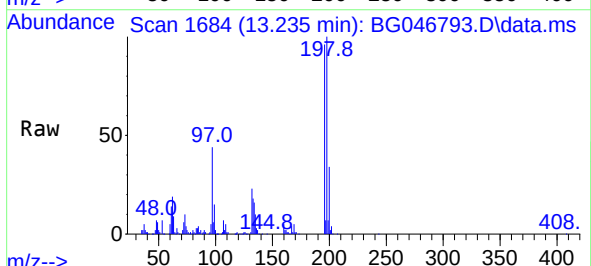
Manual Integrations
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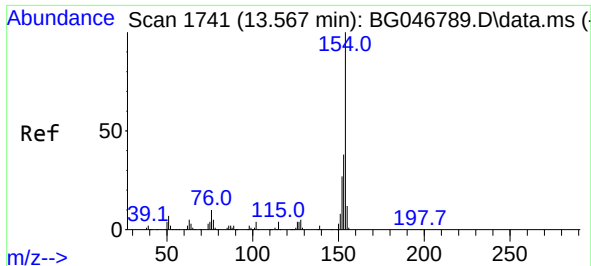
mohammad
10/7/2020 10:40:18 AM



#40
2,4,5-Trichlorophenol
Concen: 37.23 ng/ul
RT: 13.235 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:196 Resp: 119952
Ion Ratio Lower Upper
196 100
198 103.7 88.3 132.5
200 35.5 25.6 38.4





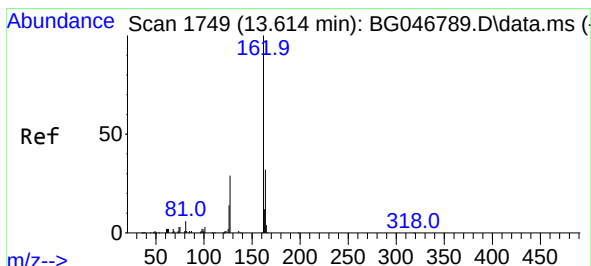
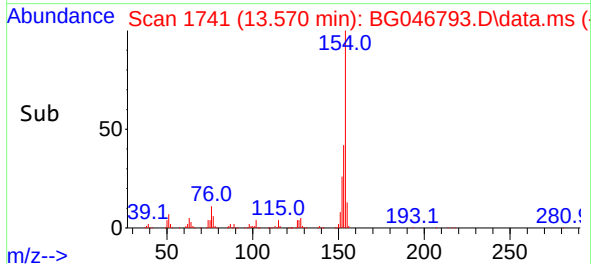
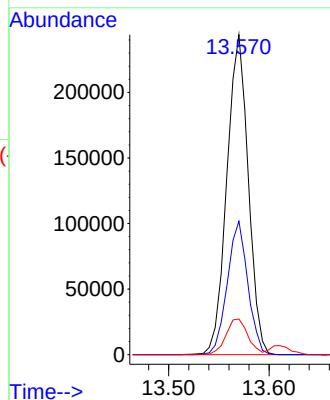
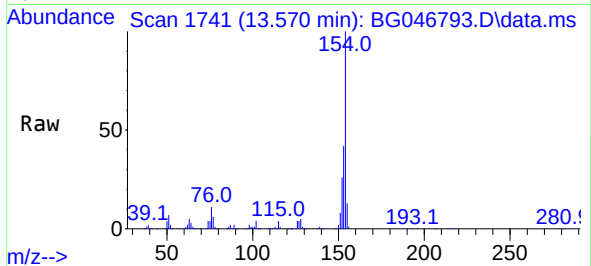
#41
1,1'-Biphenyl
Concen: 31.57 ng/ul
RT: 13.570 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:	154	Resp:	361177
Ion Ratio	Lower	Upper	
154	100		
153	41.7	31.1	46.7
76	11.2	8.6	12.8

Instrument :
BNA_G
ClientSampled :
SLCS930

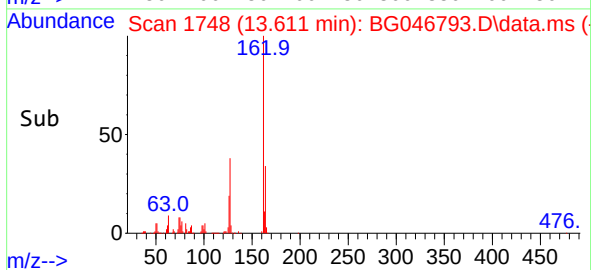
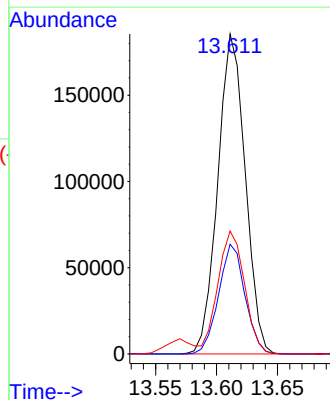
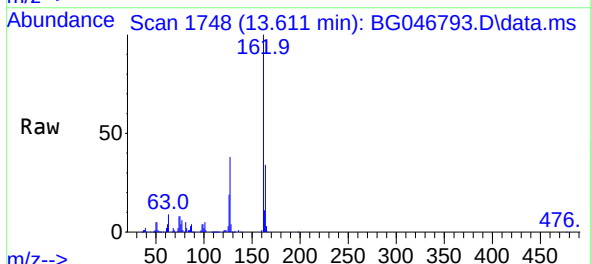
Manual Integrations
APPROVED

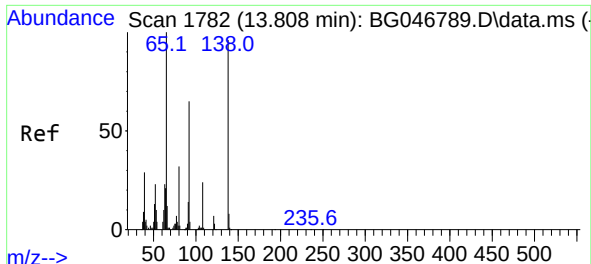
mohammad
10/7/2020 10:40:18 AM



#42
2-Chloronaphthalene
Concen: 31.95 ng/ul
RT: 13.611 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:	162	Resp:	290226
Ion Ratio	Lower	Upper	
162	100		
164	34.3	27.2	40.8
127	38.4	29.8	44.6





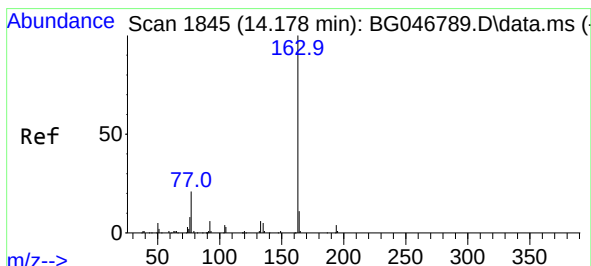
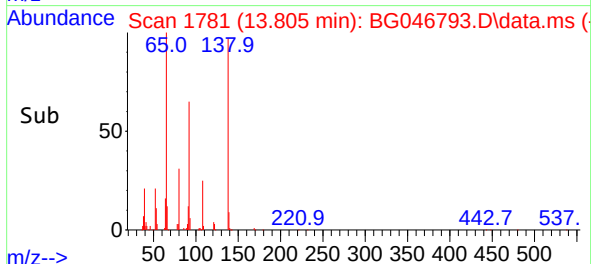
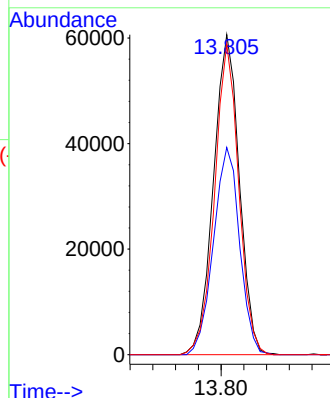
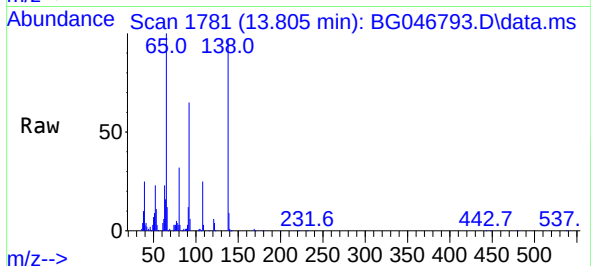
#43
2-Nitroaniline
Concen: 45.65 ng/ul
RT: 13.805 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion: 65 Resp: 95359
Ion Ratio Lower Upper
65 100
92 64.8 54.6 81.8
138 97.1 77.5 116.3

Instrument :
BNA_G
ClientSampleId :
SLCS930

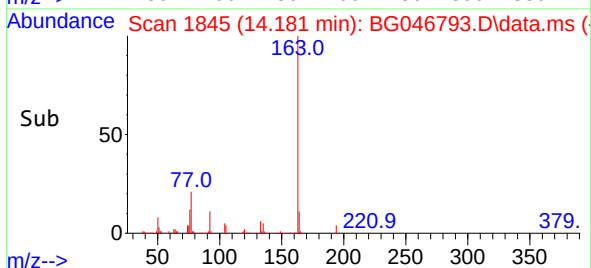
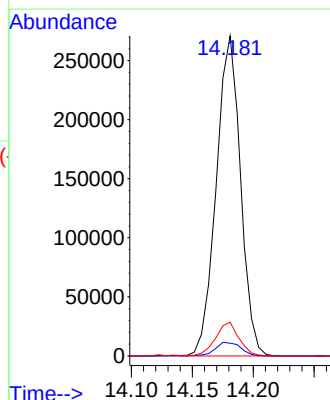
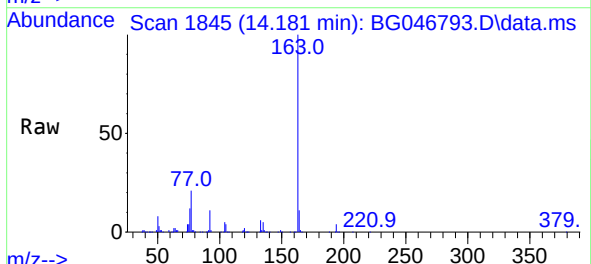
Manual Integrations
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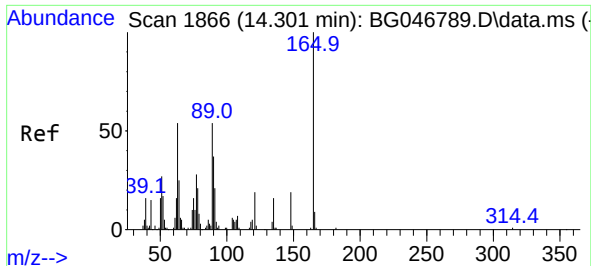
mohammad
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#45
Dimethylphthalate
Concen: 32.61 ng/ul
RT: 14.181 min Scan# 1845
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

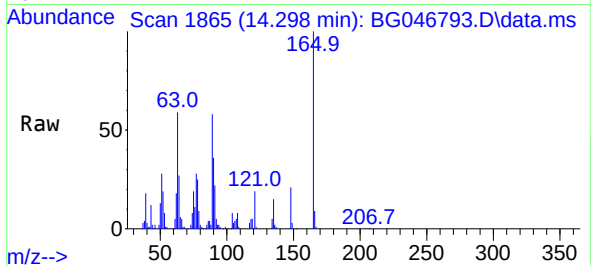
Tgt Ion:163 Resp: 375741
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.6 12.8





#46
2,6-Dinitrotoluene
Concen: 44.80 ng/ul
RT: 14.298 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

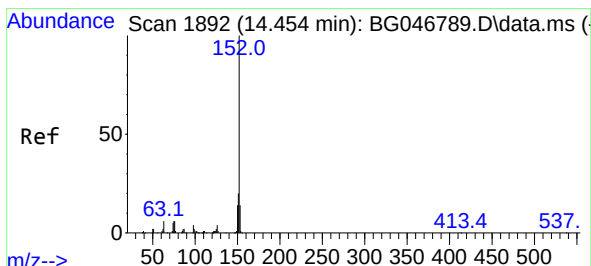
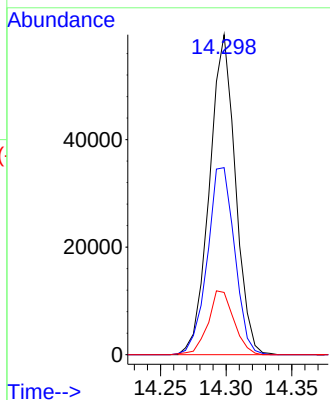
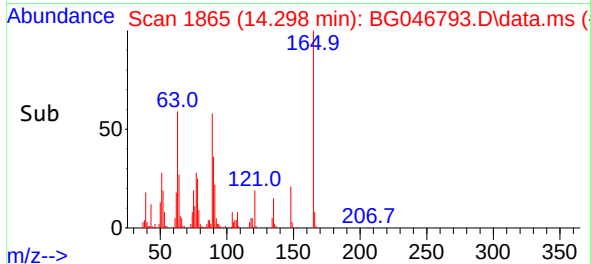
Instrument :
BNA_G
ClientSampled :
SLCS930



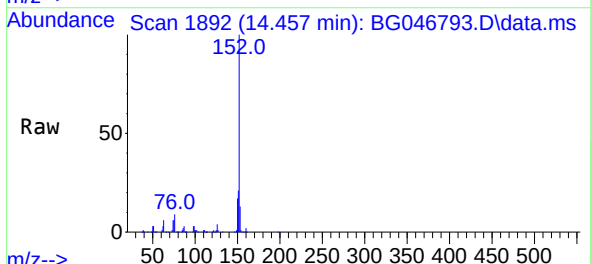
Tgt Ion:165 Resp: 81895
Ion Ratio Lower Upper
165 100
89 58.4 46.8 70.2
121 19.4 16.5 24.7

Manual Integrations
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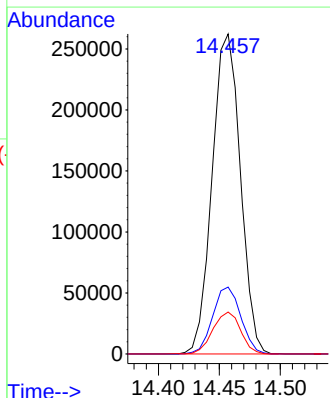
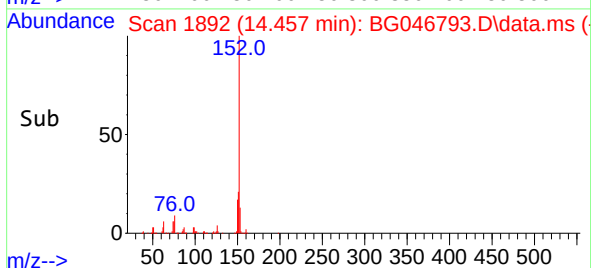
mohammad
10/7/2020 10:40:18 AM

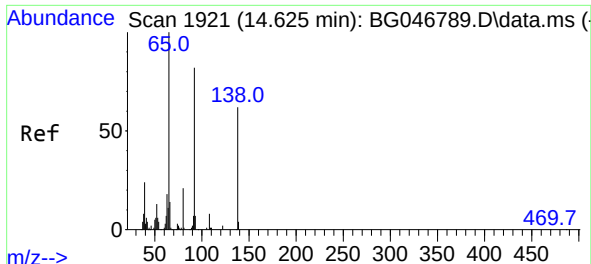


#48
Acenaphthylene
Concen: 31.65 ng/ul
RT: 14.457 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:152 Resp: 422744
Ion Ratio Lower Upper
152 100
151 20.9 17.4 26.0
153 13.1 10.3 15.5





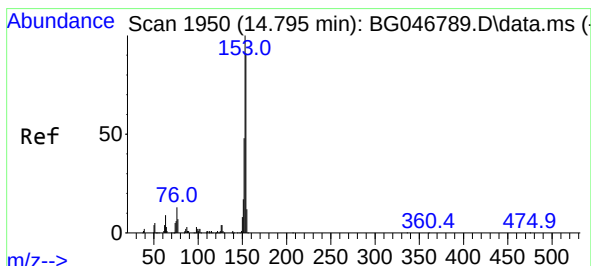
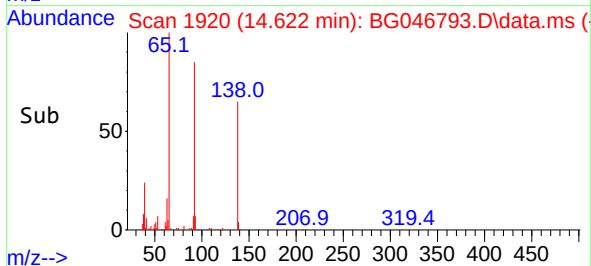
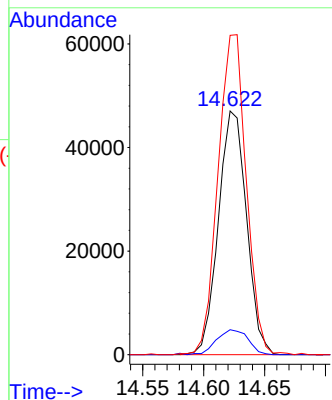
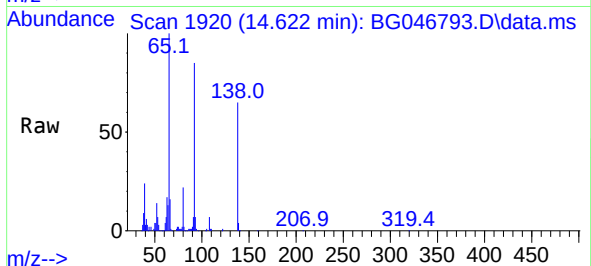
#49
3-Nitroaniline
Concen: 41.49 ng/ul
RT: 14.622 min Scan# 1920
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:138 Resp: 75708
Ion Ratio Lower Upper
138 100
108 10.3 10.5 15.7#
92 131.1 91.0 136.6

Instrument :
BNA_G
ClientSampleId :
SLCS930

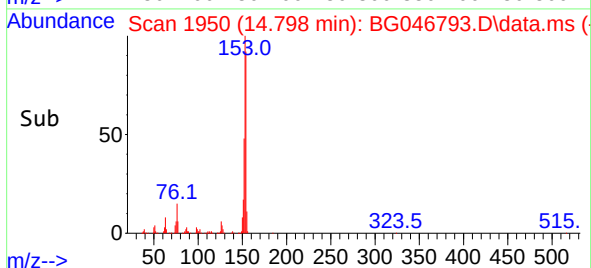
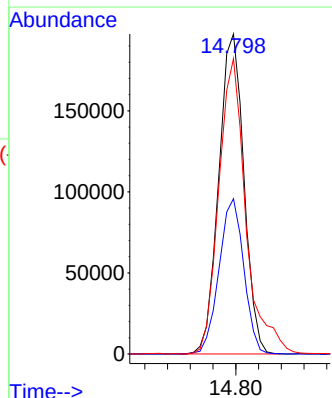
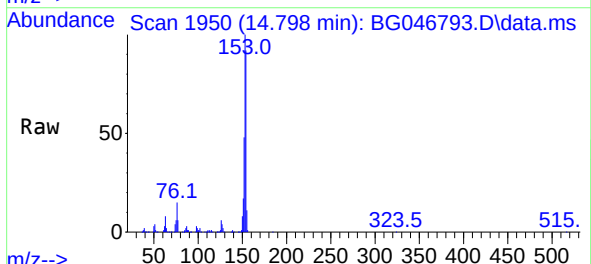
Manual Integrations
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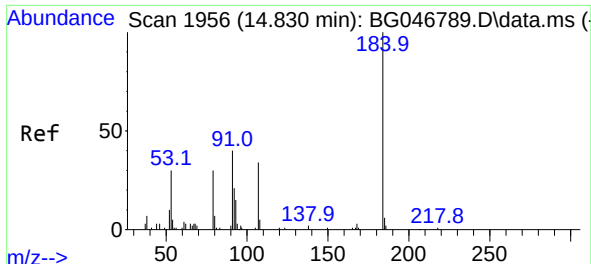
mohammad
10/7/2020 10:40:18 AM



#50
Acenaphthene
Concen: 32.03 ng/ul
RT: 14.798 min Scan# 1950
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

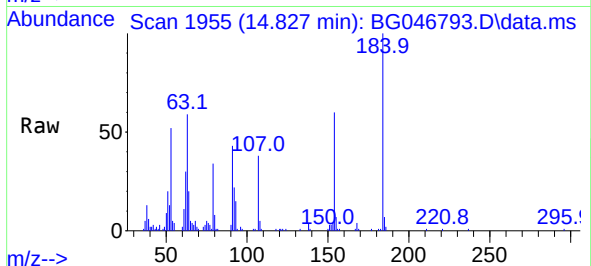
Tgt Ion:153 Resp: 302824
Ion Ratio Lower Upper
153 100
152 48.5 37.3 55.9
154 92.3 72.3 108.5





#51
2,4-Dinitrophenol
Concen: 43.73 ng/ul
RT: 14.827 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

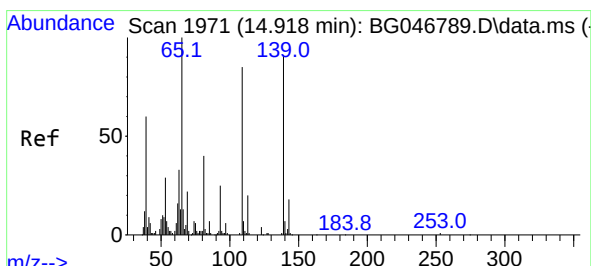
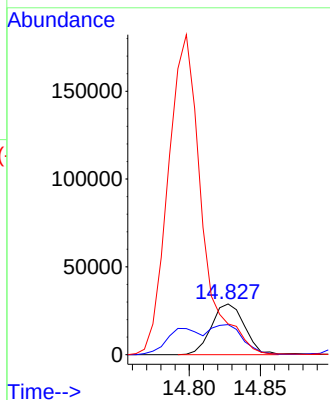
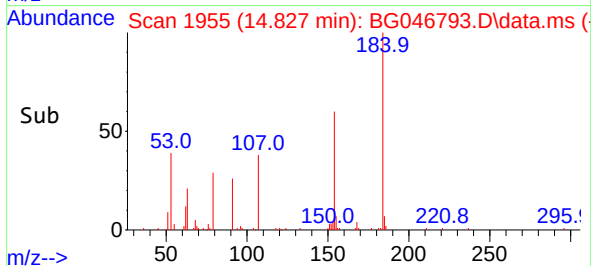
Instrument :
BNA_G
ClientSampleId :
SLCS930



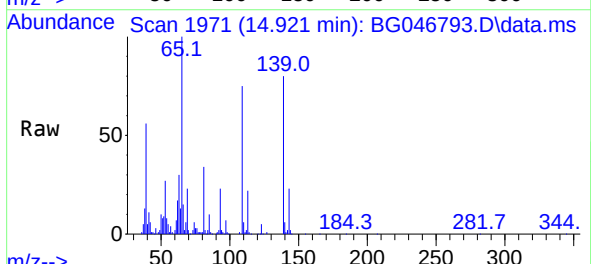
Tgt Ion:184 Resp: 46783
Ion Ratio Lower Upper
184 100
63 59.4 39.0 58.6#
154 60.4 43.5 65.3

Manual Integrations
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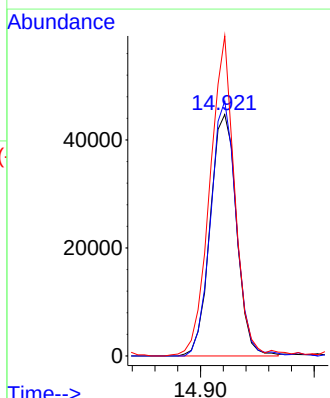
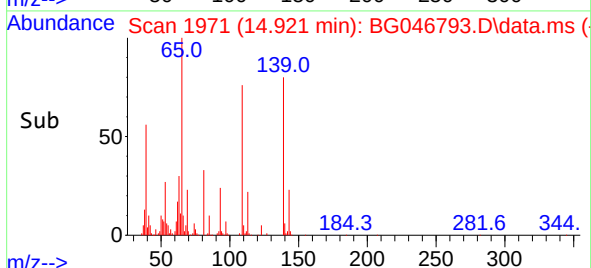
mohammad
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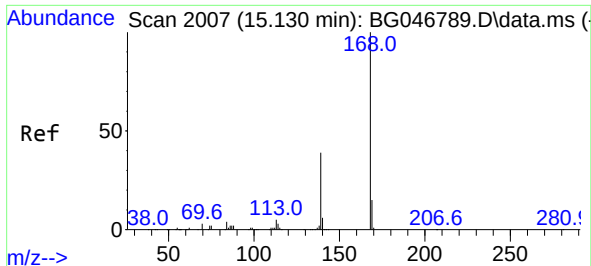


#53
4-Nitrophenol
Concen: 41.08 ng/ul
RT: 14.921 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:109 Resp: 72058
Ion Ratio Lower Upper
109 100
139 105.5 85.9 128.9
65 132.5 111.2 166.8





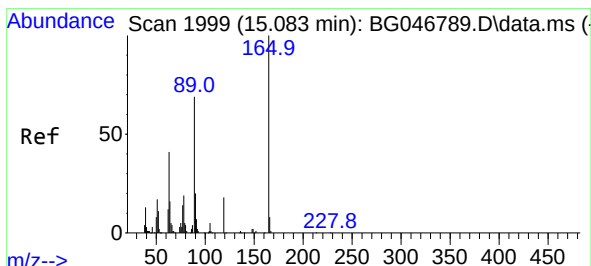
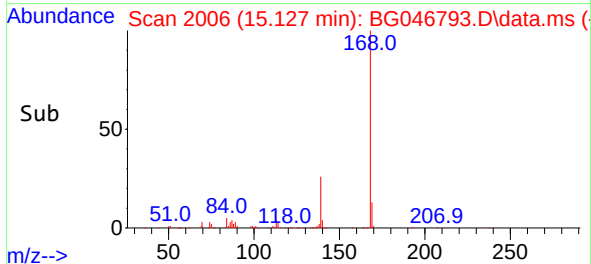
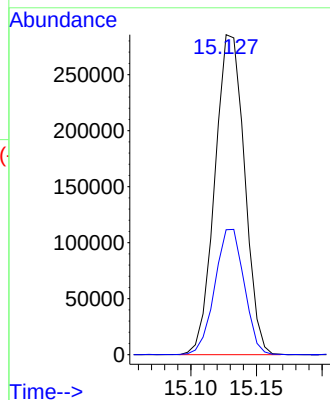
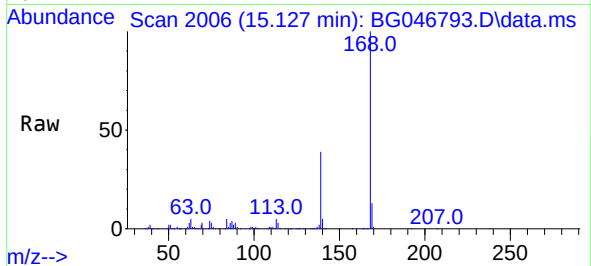
#54
Dibenzofuran
Concen: 32.40 ng/ul
RT: 15.127 min Scan# 2006
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:168 Resp: 449493
Ion Ratio Lower Upper
168 100
139 39.0 32.2 48.2

Instrument :
BNA_G
ClientSampled :
SLCS930

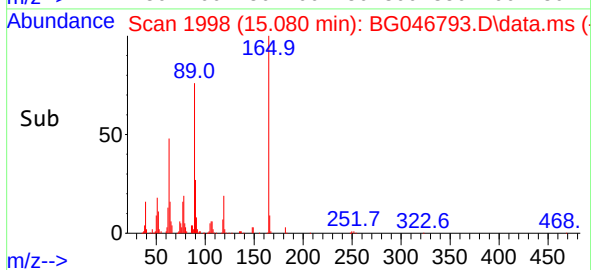
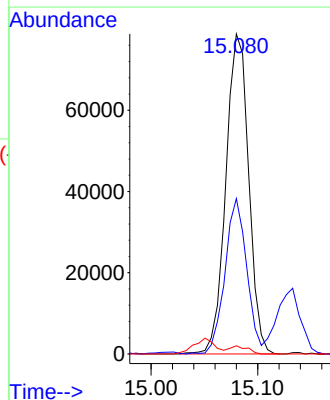
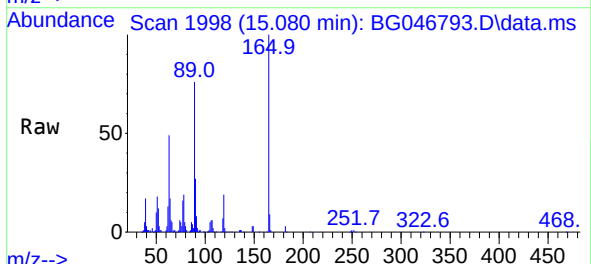
Manual Integrations
APPROVED

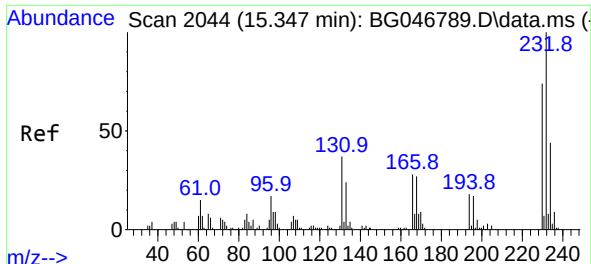
mohammad
10/7/2020 10:40:18 AM



#55
2,4-Dinitrotoluene
Concen: 47.10 ng/ul
RT: 15.080 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:165 Resp: 117345
Ion Ratio Lower Upper
165 100
63 48.6 34.7 52.1
182 2.6 1.8 2.6





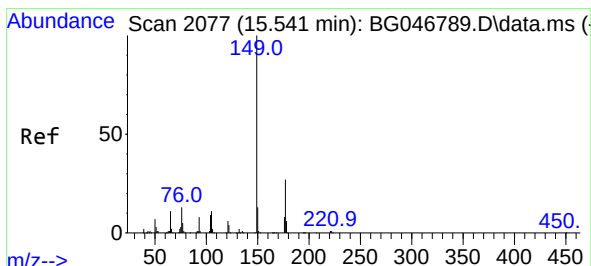
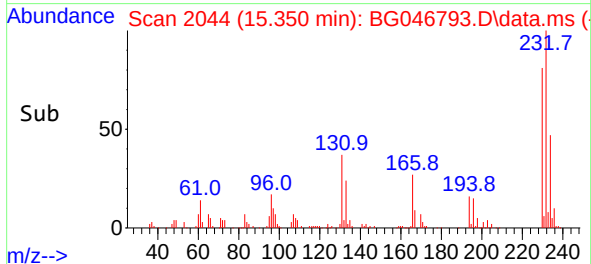
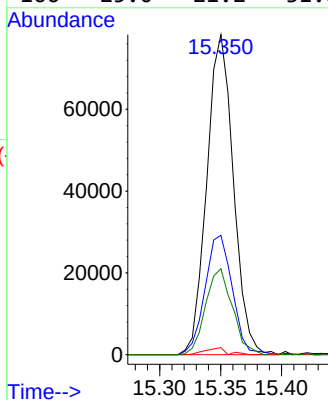
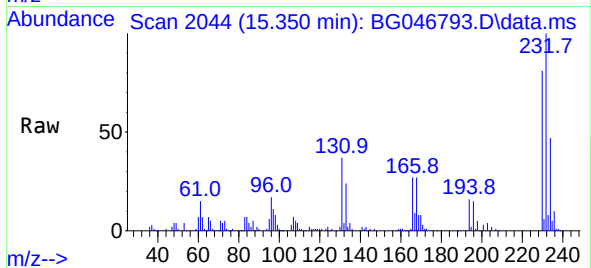
#56
2,3,4,6-Tetrachlorophenol
Concen: 39.23 ng/ul
RT: 15.350 min Scan# 2044
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:232 Resp: 118822
Ion Ratio Lower Upper
232 100
131 34.7 28.0 42.0
130 2.0 1.4 2.0
166 25.0 21.2 31.8

Instrument :
BNA_G
ClientSampled :
SLCS930

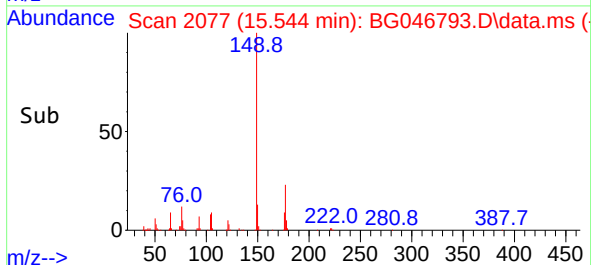
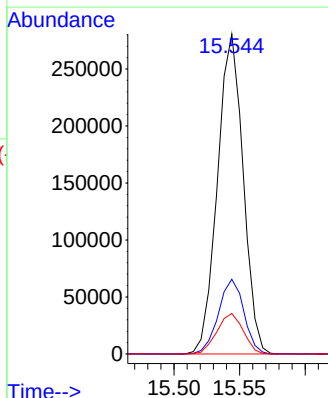
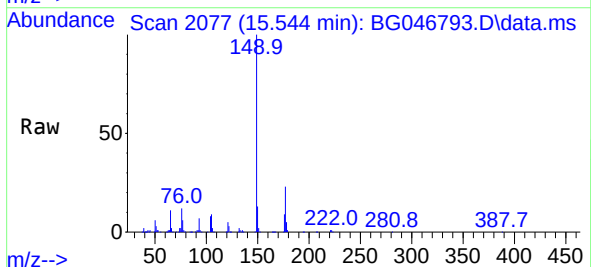
Manual Integrations
APPROVED

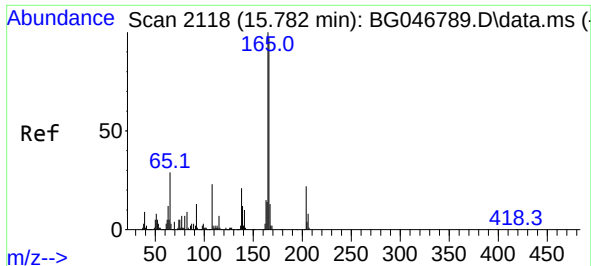
mohammad
10/7/2020 10:40:18 AM



#57
Diethylphthalate
Concen: 33.50 ng/ul
RT: 15.544 min Scan# 2077
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

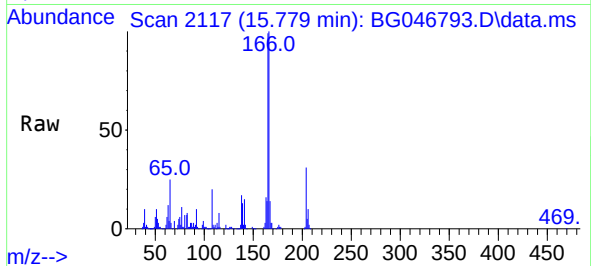
Tgt Ion:149 Resp: 381623
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.6 10.4 15.6





#59
Fluorene
Concen: 31.96 ng/ul
RT: 15.779 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

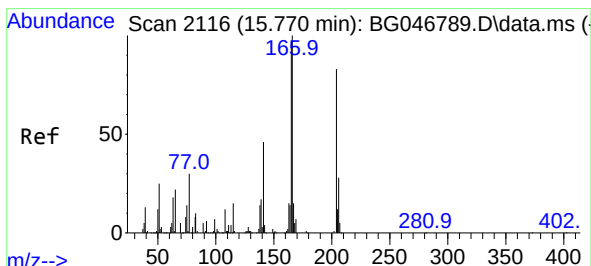
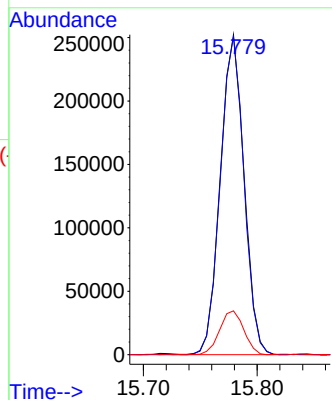
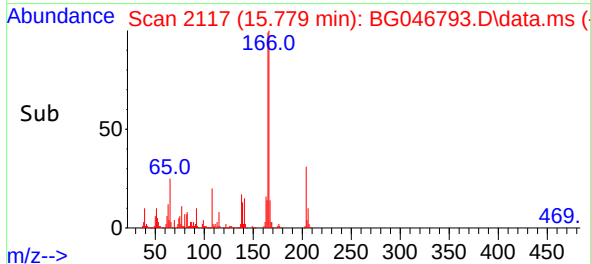
Instrument :
BNA_G
ClientSampled :
SLCS930



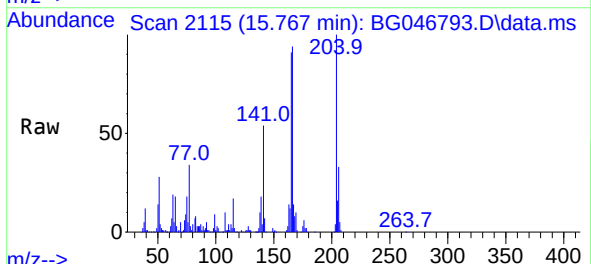
Tgt Ion:166 Resp: 365016
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 13.7 11.4 17.0

Manual Integrations
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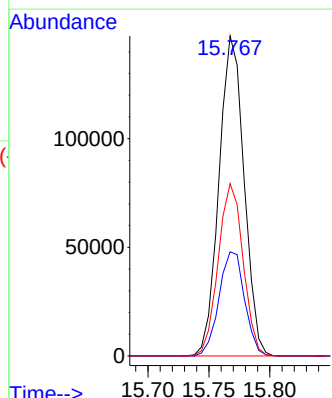
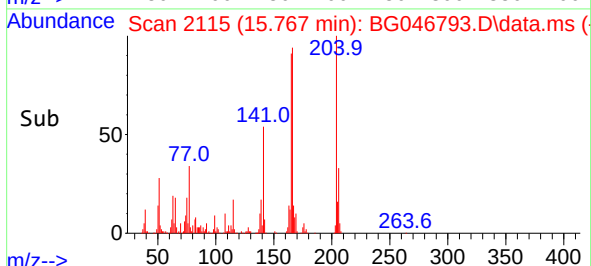
mohammad
10/7/2020 10:40:18 AM

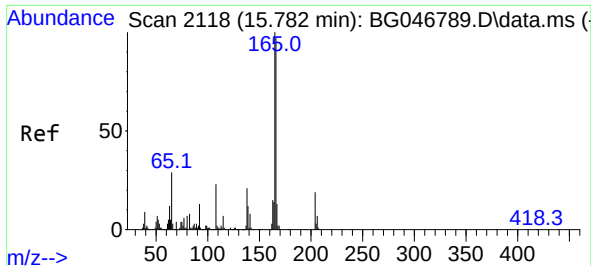


#60
4-Chlorophenyl-phenylether
Concen: 32.62 ng/ul
RT: 15.767 min Scan# 2115
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:204 Resp: 210438
Ion Ratio Lower Upper
204 100
206 32.6 27.4 41.0
141 53.9 43.8 65.6





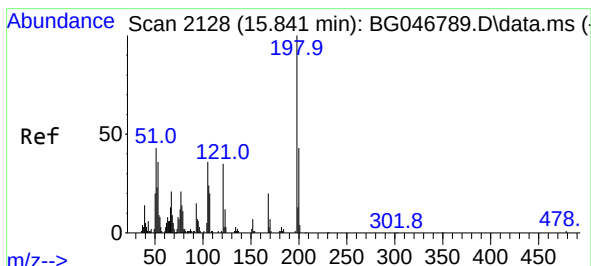
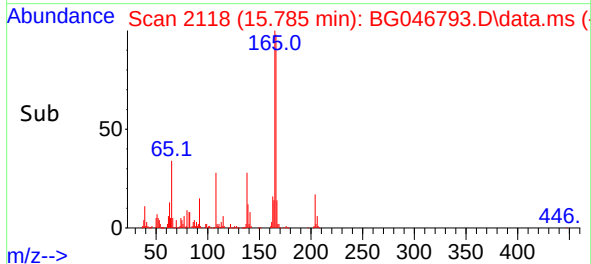
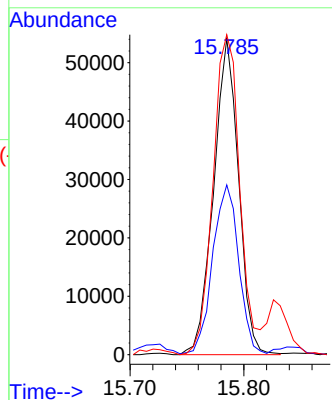
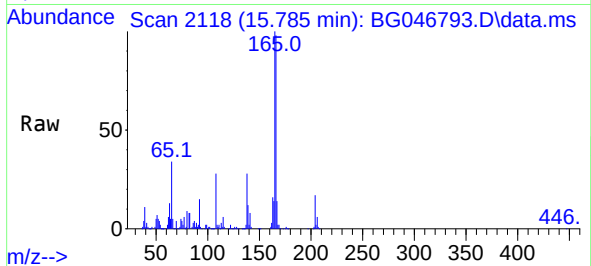
#61
4-Nitroaniline
Concen: 39.55 ng/ul
RT: 15.785 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:138 Resp: 82628
Ion Ratio Lower Upper
138 100
92 53.7 43.0 64.4
108 101.2 71.4 107.0

Instrument :
BNA_G
ClientSampled :
SLCS930

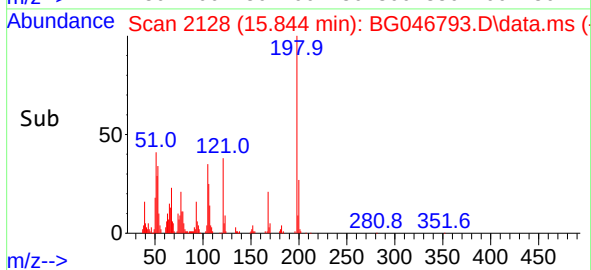
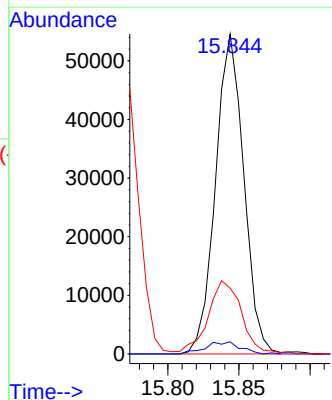
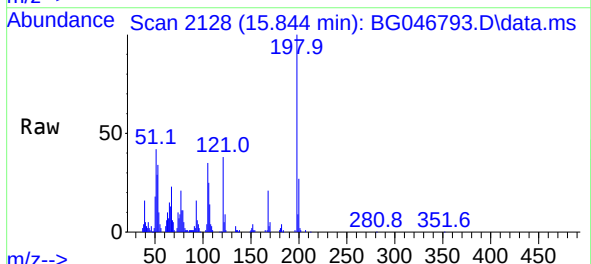
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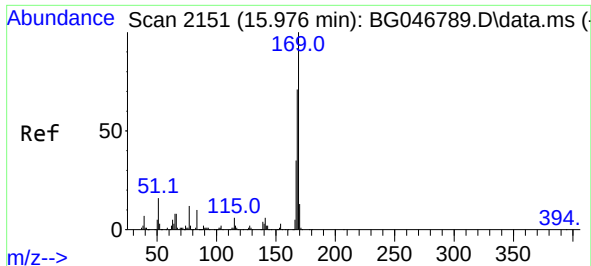
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.67 ng/ul
RT: 15.844 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

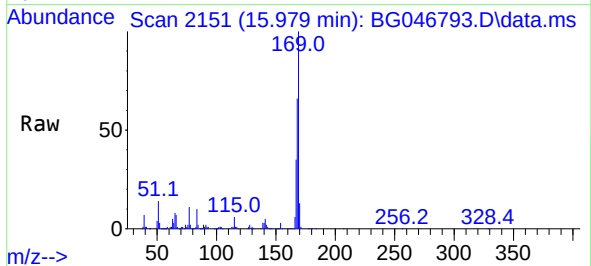
Tgt Ion:198 Resp: 75395
Ion Ratio Lower Upper
198 100
182 3.8 4.0 6.0#
77 20.5 14.6 22.0





#65
N-Nitrosodiphenylamine
Concen: 32.23 ng/ul
RT: 15.979 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

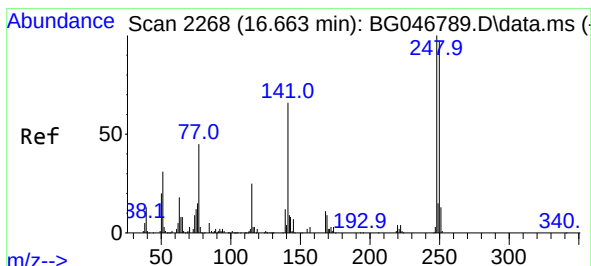
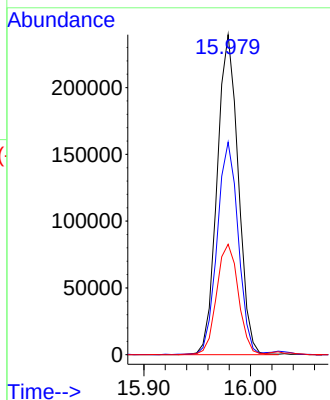
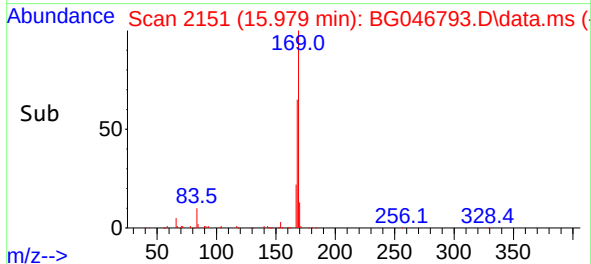
Instrument :
BNA_G
ClientSampled :
SLCS930



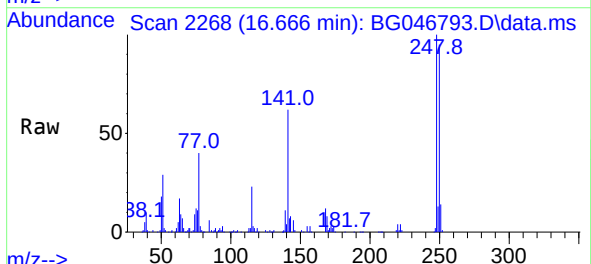
Tgt Ion:169 Resp: 329649
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 34.5 26.2 39.4

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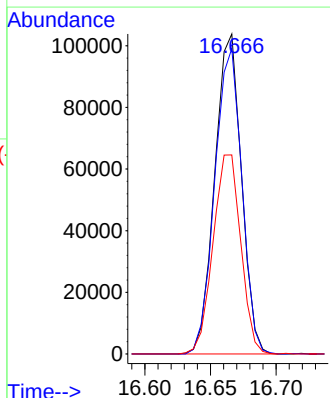
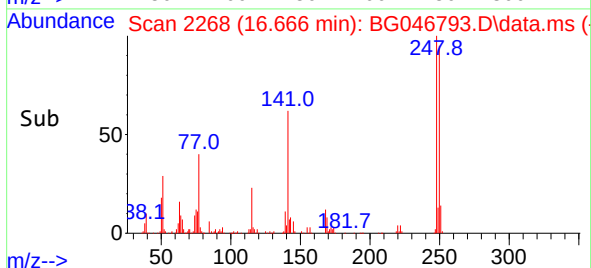
mohammad
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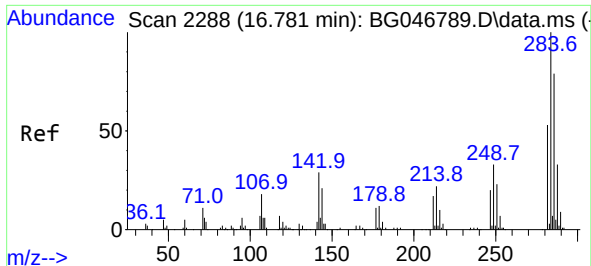


#66
4-Bromophenyl-phenylether
Concen: 32.94 ng/ul
RT: 16.666 min Scan# 2268
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:248 Resp: 146821
Ion Ratio Lower Upper
248 100
250 95.4 82.6 123.8
141 62.2 57.0 85.6





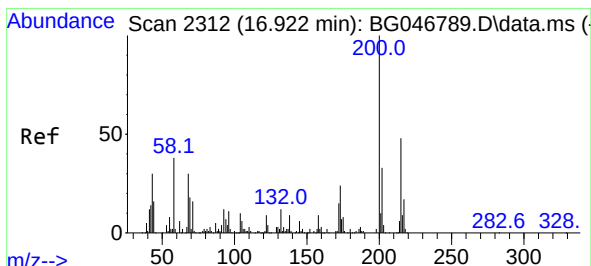
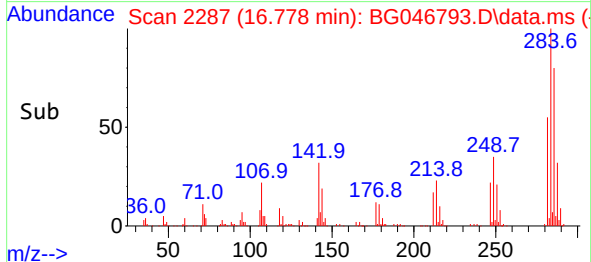
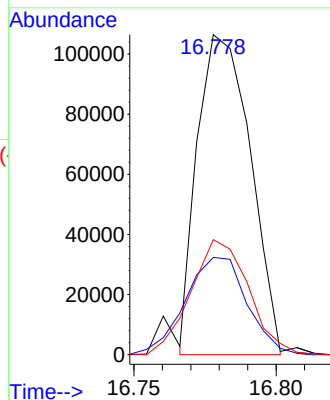
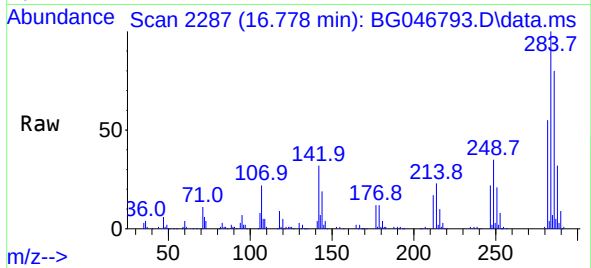
#67
Hexachlorobenzene
Concen: 37.99 ng/ul
RT: 16.778 min Scan# 2287
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:284 Resp: 138468
Ion Ratio Lower Upper
284 100
142 30.4 22.1 33.1
249 35.9 26.0 39.0

Instrument :
BNA_G
ClientSampled :
SLCS930

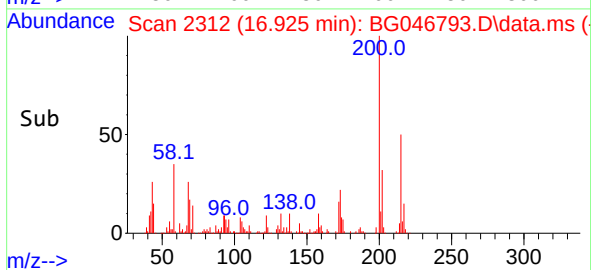
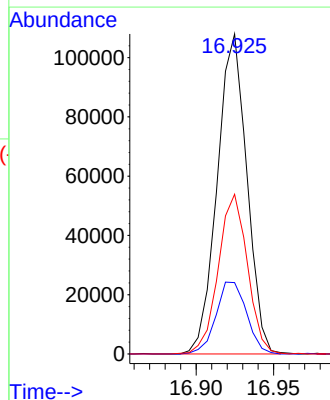
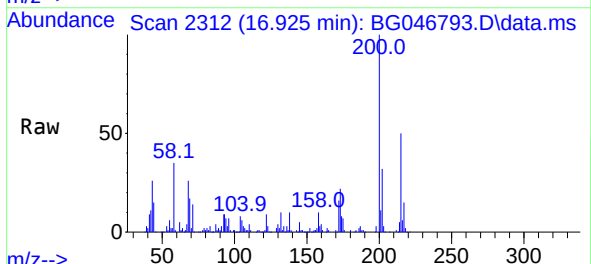
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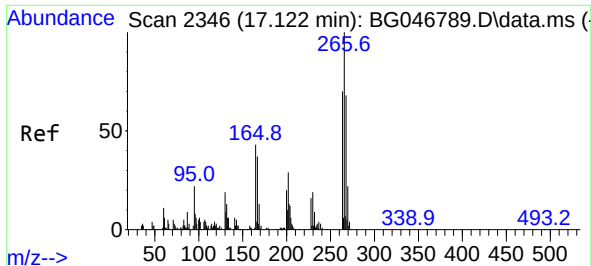
mohammad
10/7/2020 10:40:18 AM



#68
Atrazine
Concen: 34.18 ng/ul
RT: 16.925 min Scan# 2312
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:200 Resp: 143468
Ion Ratio Lower Upper
200 100
173 22.3 19.5 29.3
215 49.9 43.5 65.3





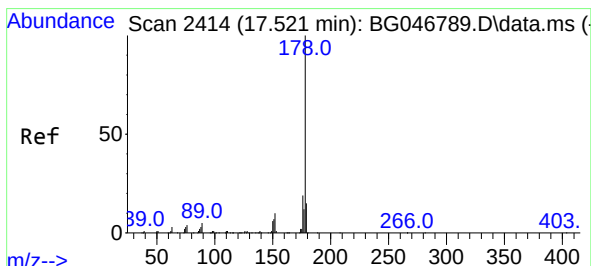
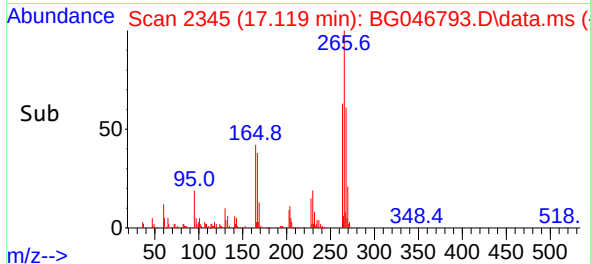
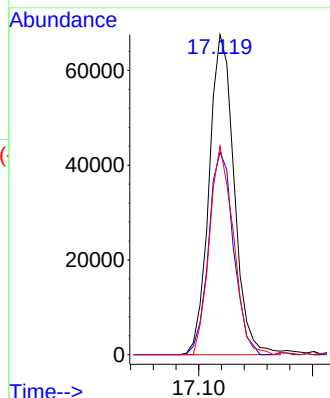
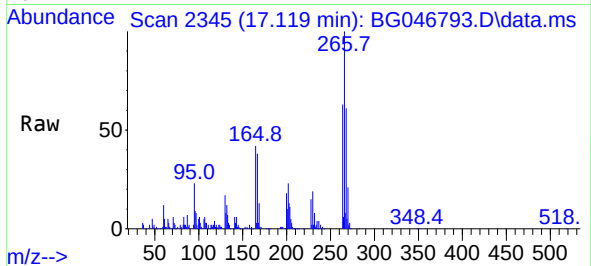
#69
 Pentachlorophenol
 Concen: 38.56 ng/ul
 RT: 17.119 min Scan# 2345
 Delta R.T. -0.003 min
 Lab File: BG046793.D
 Acq: 6 Oct 2020 17:03

Tgt Ion:266 Resp: 103459
 Ion Ratio Lower Upper
 266 100
 264 69.0 45.3 67.9#
 268 65.2 53.7 80.5

Instrument :
 BNA_G
 ClientSampled :
 SLCS930

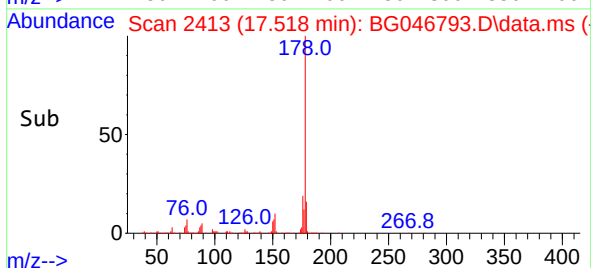
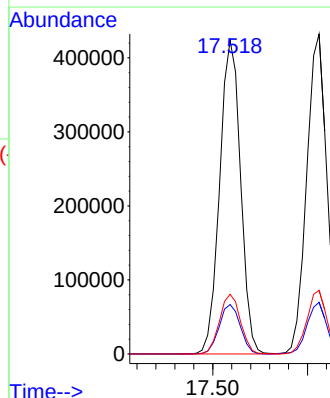
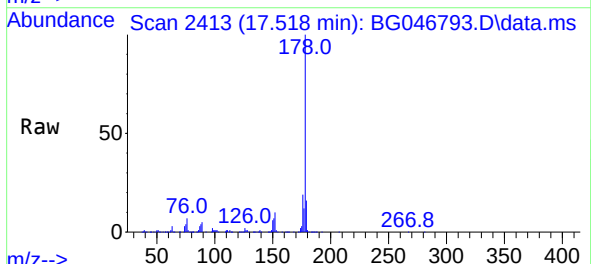
Manual Integrations
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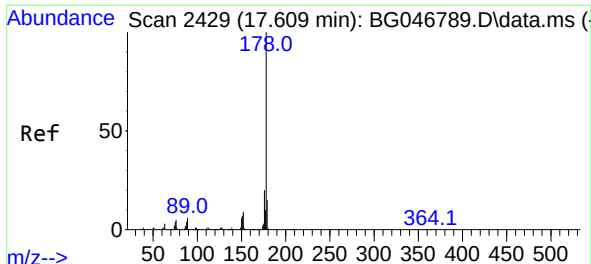
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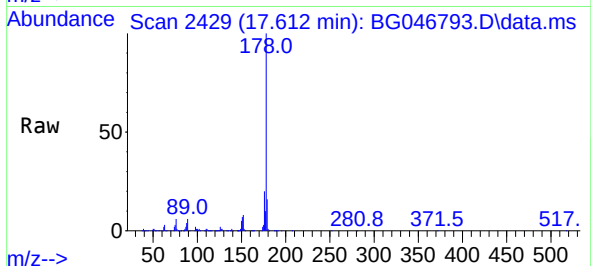
#70
 Phenanthrene
 Concen: 33.26 ng/ul
 RT: 17.518 min Scan# 2413
 Delta R.T. -0.003 min
 Lab File: BG046793.D
 Acq: 6 Oct 2020 17:03

Tgt Ion:178 Resp: 649205
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.8 19.2
 176 19.0 16.6 25.0

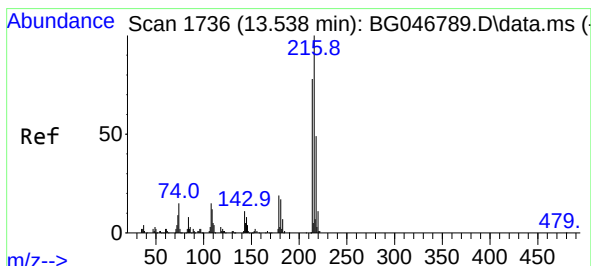
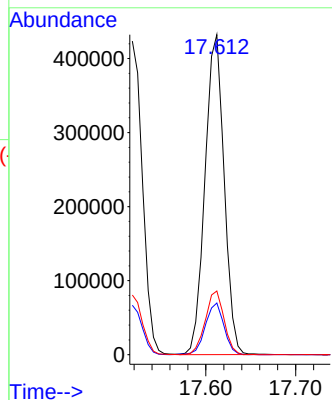
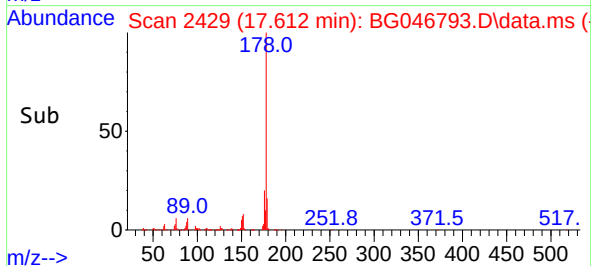




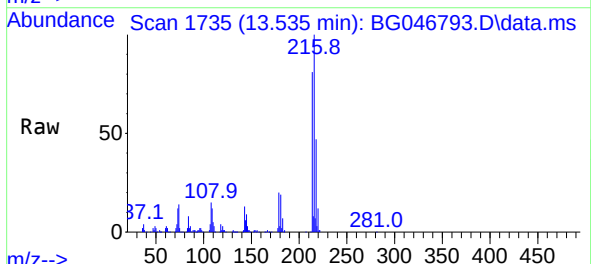
#72
 Anthracene
 Concen: 32.53 ng/u1
 RT: 17.612 min Scan# 2429
 Delta R.T. 0.003 min
 Lab File: BG046793.D
 Acq: 6 Oct 2020 17:03



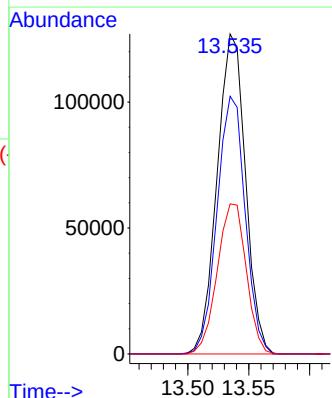
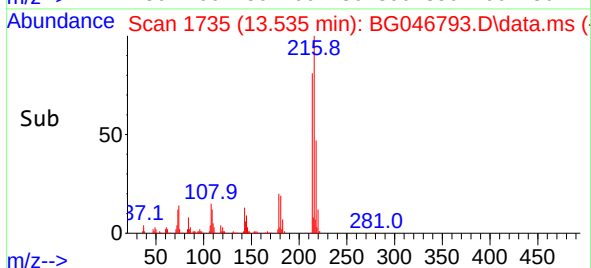
Tgt Ion:178 Resp: 639370
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.7 17.5
 176 19.9 15.5 23.3



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 37.24 ng/uL
 RT: 13.535 min Scan# 1735
 Delta R.T. -0.003 min
 Lab File: BG046793.D
 Acq: 6 Oct 2020 17:03



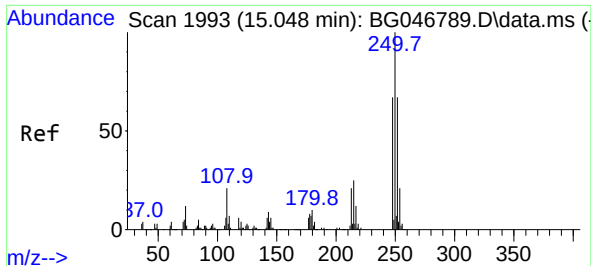
Tgt Ion:216 Resp: 205821
 Ion Ratio Lower Upper
 216 100
 214 80.5 61.8 92.6
 218 50.4 44.2 66.2



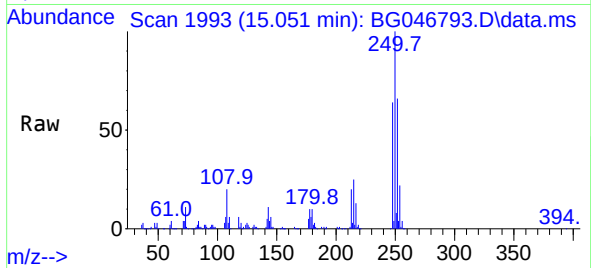
Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

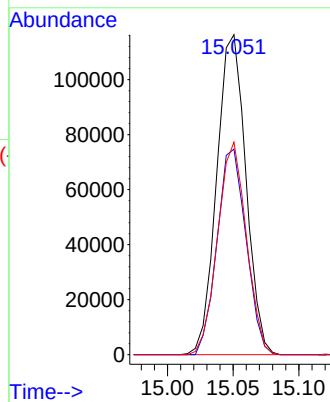
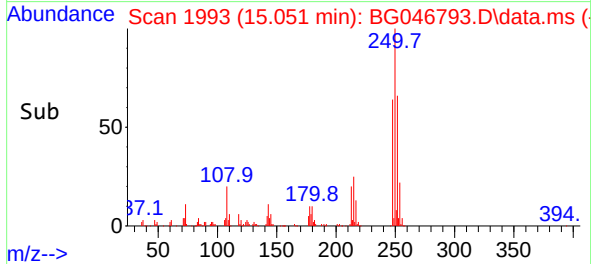
mohammad
 10/7/2020 10:40:18 AM



#74
Pentachlorobenzene
Concen: 31.74 ng/uL
RT: 15.051 min Scan# 1993
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



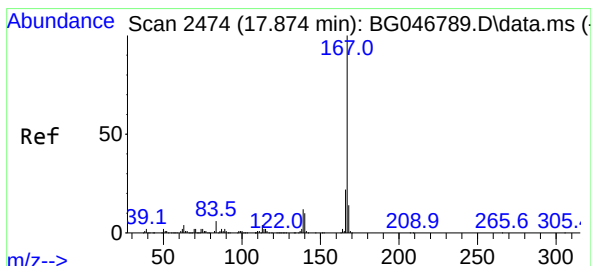
Tgt Ion:250 Resp: 179893
Ion Ratio Lower Upper
250 100
248 63.4 52.5 78.7
252 65.3 54.0 81.0



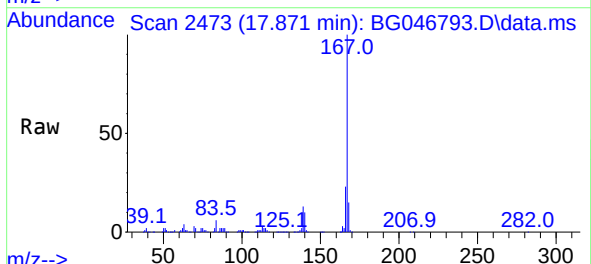
Instrument :
BNA_G
ClientSampled :
SLCS930

Manual Integrations
APPROVED

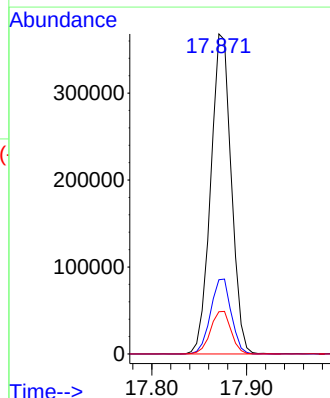
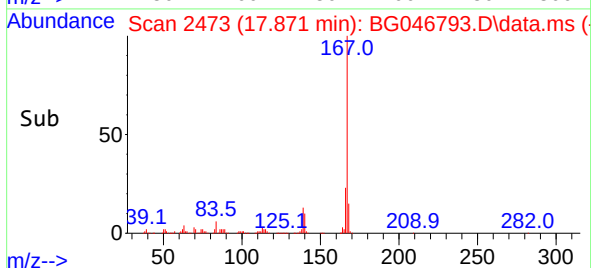
mohammad
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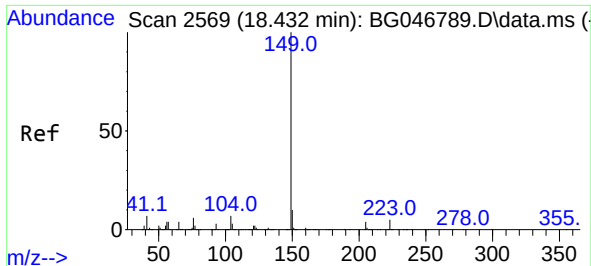


#75
Carbazole
Concen: 34.96 ng/uL
RT: 17.871 min Scan# 2473
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:167 Resp: 553257
Ion Ratio Lower Upper
167 100
166 23.2 18.4 27.6
139 13.2 10.2 15.4





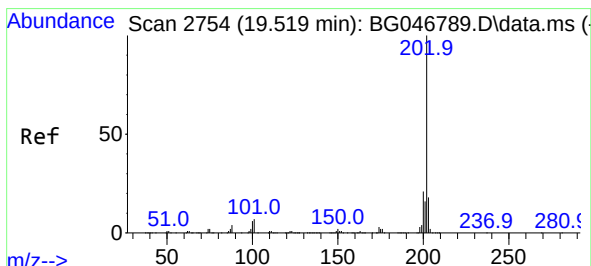
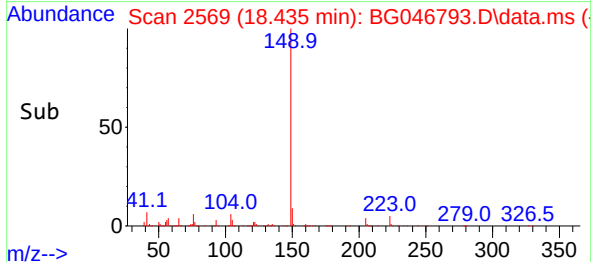
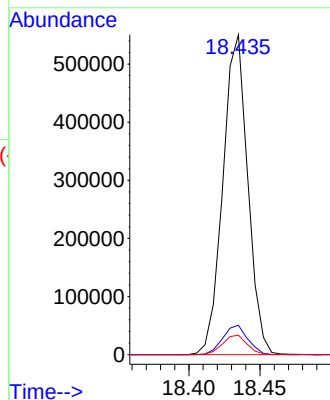
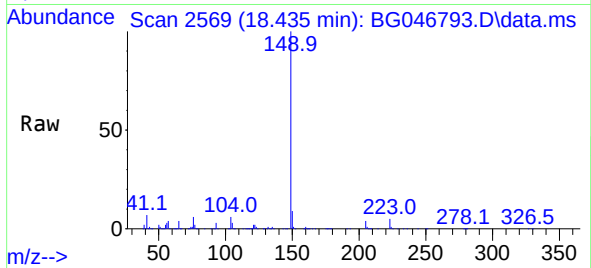
#76
Di-n-butylphthalate
Concen: 34.70 ng/ul
RT: 18.435 min Scan# 2569
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:149 Resp: 670228
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 6.1 5.2 7.8

Instrument :
BNA_G
ClientSampleId :
SLCS930

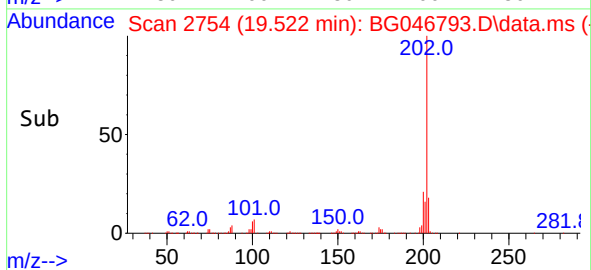
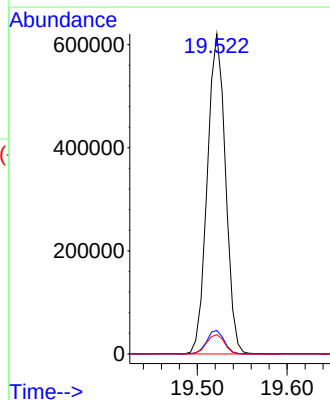
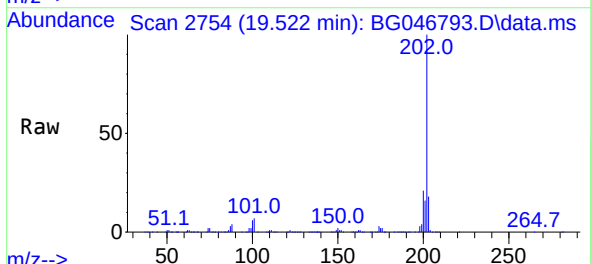
Manual Integrations
APPROVED

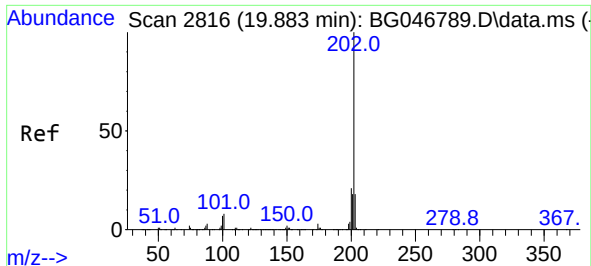
mohammad
10/7/2020 10:40:18 AM



#77
Fluoranthene
Concen: 35.56 ng/ul
RT: 19.522 min Scan# 2754
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

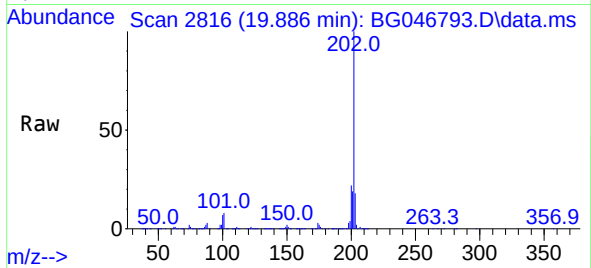
Tgt Ion:202 Resp: 873830
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.6
100 6.1 5.0 7.4





#80
Pyrene
Concen: 33.05 ng/ul
RT: 19.886 min Scan# 2816
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

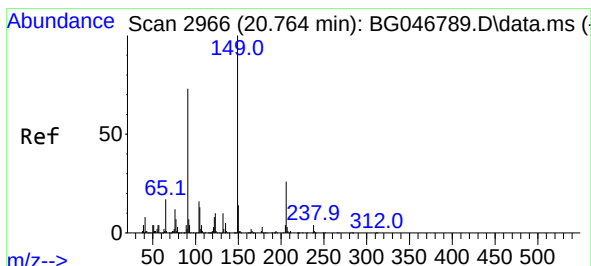
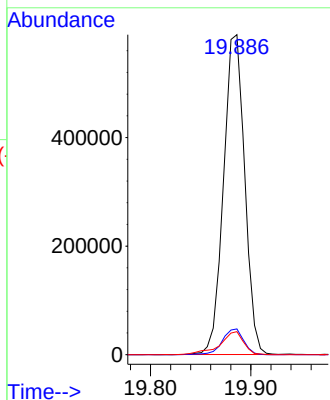
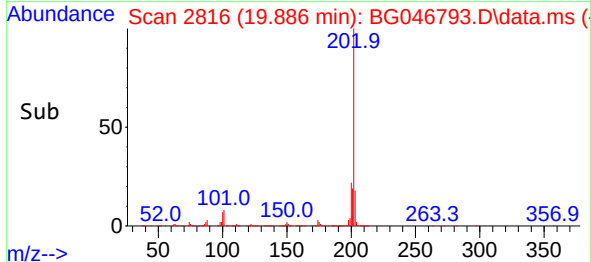
Instrument :
BNA_G
ClientSampled :
SLCS930



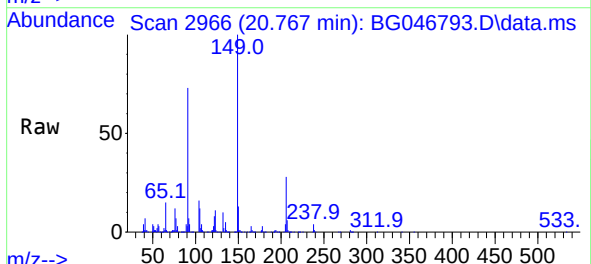
Tgt Ion:202 Resp: 864168
Ion Ratio Lower Upper
202 100
101 8.1 6.9 10.3
100 7.2 6.2 9.4

Manual Integrations
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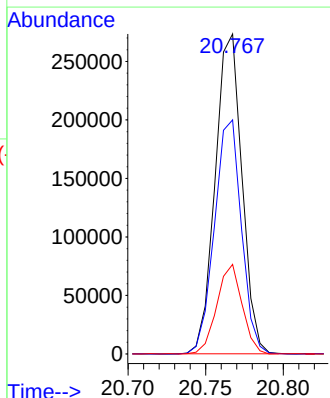
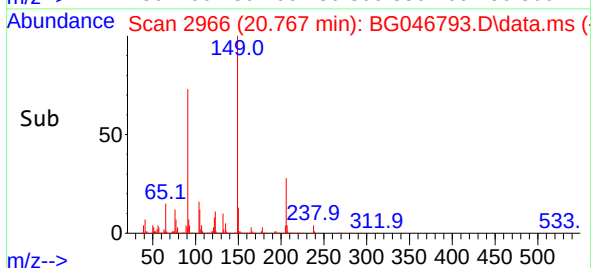
mohammad
10/7/2020 10:40:18 AM

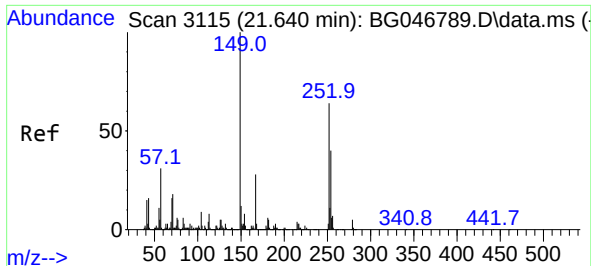


#81
Butylbenzylphthalate
Concen: 35.74 ng/ul
RT: 20.767 min Scan# 2966
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:149 Resp: 328327
Ion Ratio Lower Upper
149 100
91 73.2 57.6 86.4
206 28.0 21.8 32.8





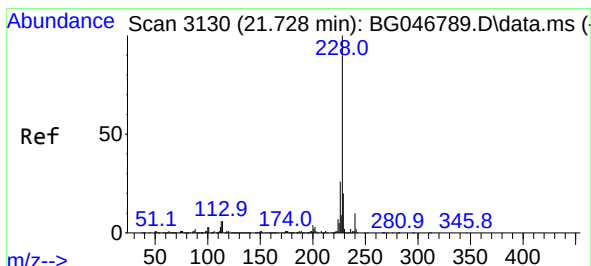
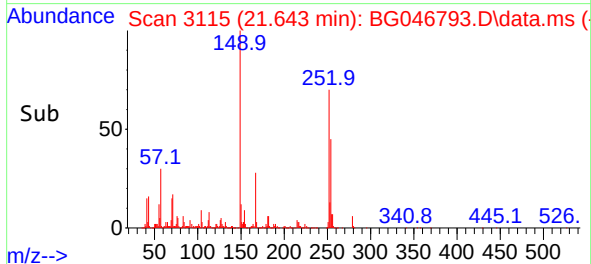
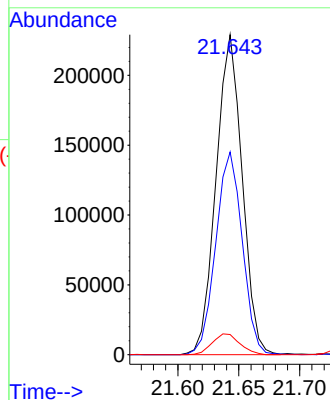
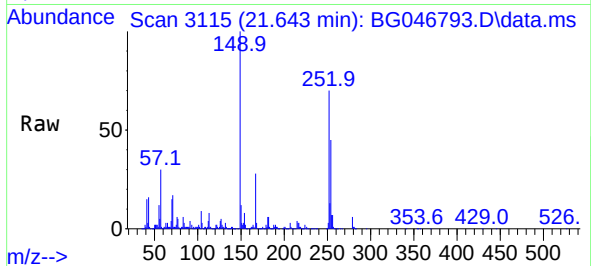
#82
3,3'-Dichlorobenzidine
Concen: 36.68 ng/ul
RT: 21.643 min Scan# 3115
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:252 Resp: 341898
Ion Ratio Lower Upper
252 100
254 63.4 50.4 75.6
126 6.3 5.7 8.5

Instrument :
BNA_G
ClientSampled :
SLCS930

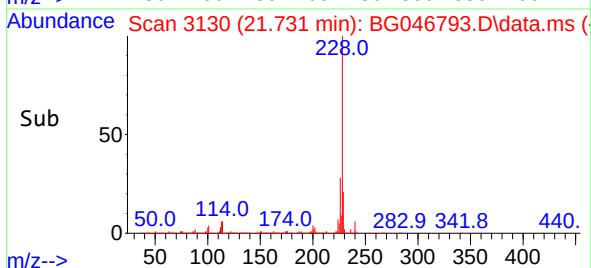
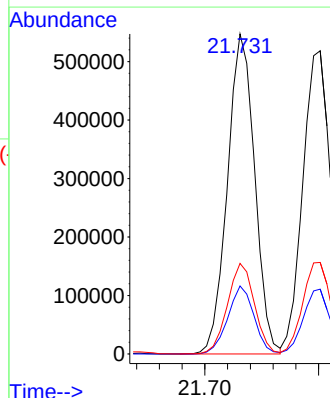
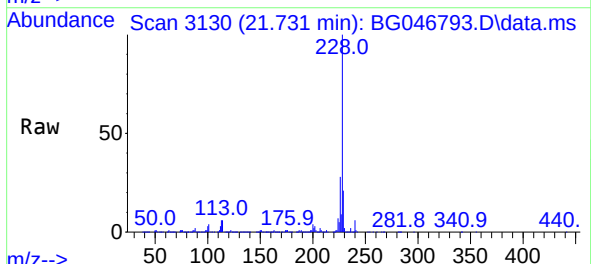
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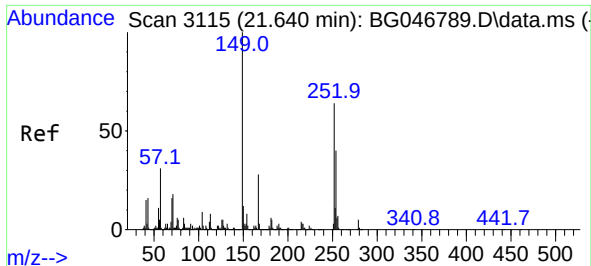
mohammad
10/7/2020 10:40:18 AM



#83
Benzo(a)anthracene
Concen: 34.04 ng/ul
RT: 21.731 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

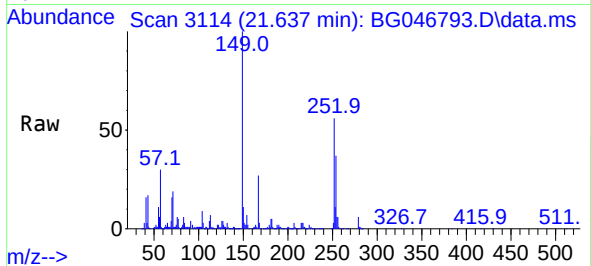
Tgt Ion:228 Resp: 912316
Ion Ratio Lower Upper
228 100
229 21.2 17.0 25.6
226 28.3 22.3 33.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 35.30 ng/ul
RT: 21.637 min Scan# 3114
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

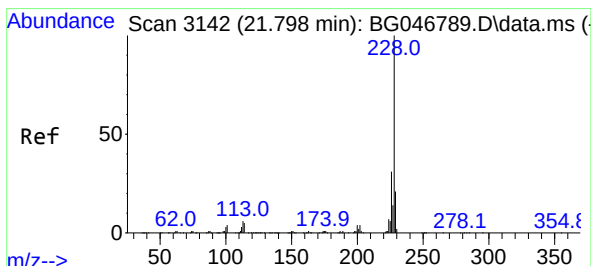
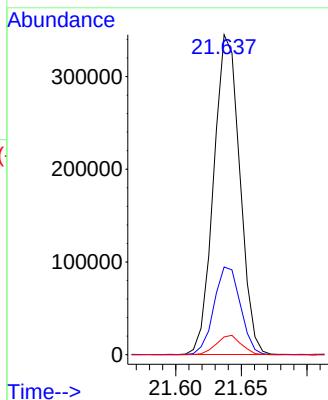
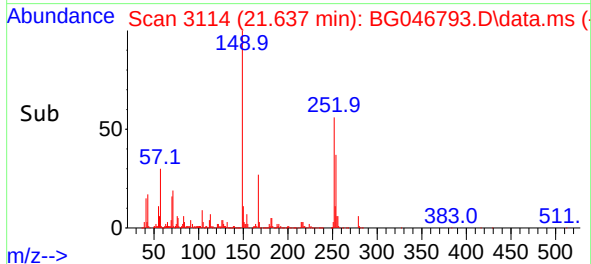
Instrument :
BNA_G
ClientSampled :
SLCS930



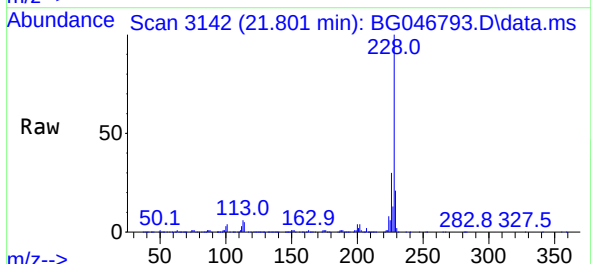
Tgt Ion:149 Resp: 477257
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 5.6 4.4 6.6

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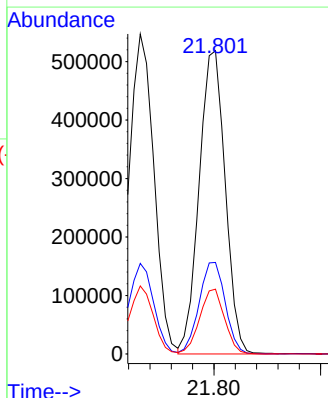
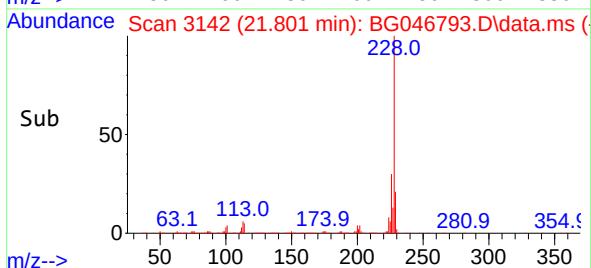
mohammad
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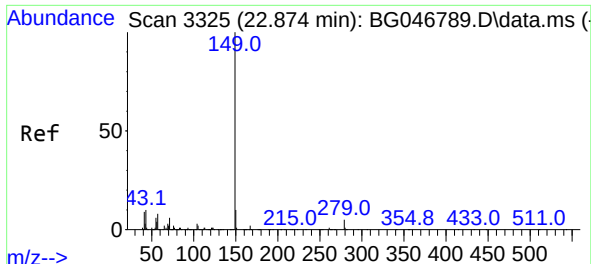


#85
Chrysene
Concen: 34.07 ng/ul
RT: 21.801 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



Tgt Ion:228 Resp: 882108
Ion Ratio Lower Upper
228 100
226 30.2 25.3 37.9
229 21.4 16.2 24.2





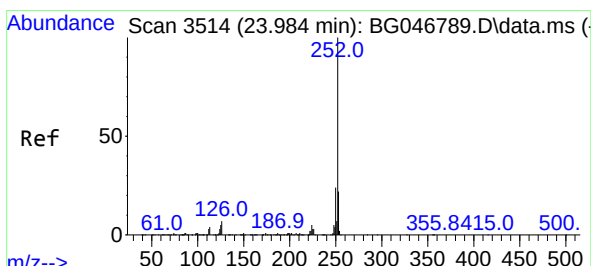
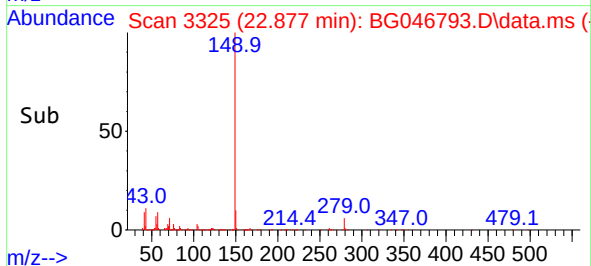
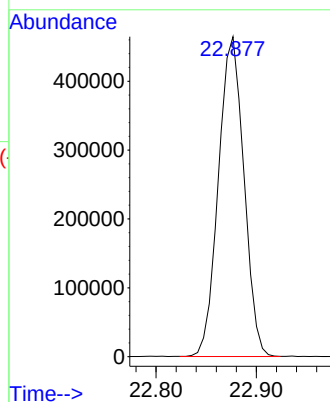
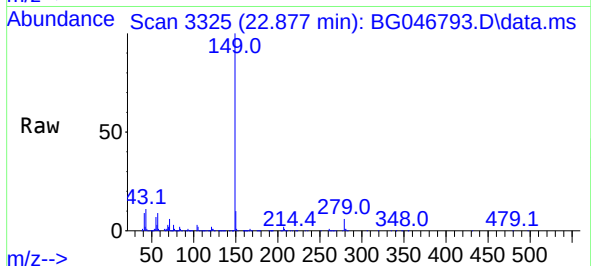
#87
Di-n-octyl phthalate
Concen: 33.57 ng/ul
RT: 22.877 min Scan# 3325
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Tgt Ion:149 Resp: 818648

Instrument :
BNA_G
ClientSampled :
SLCS930

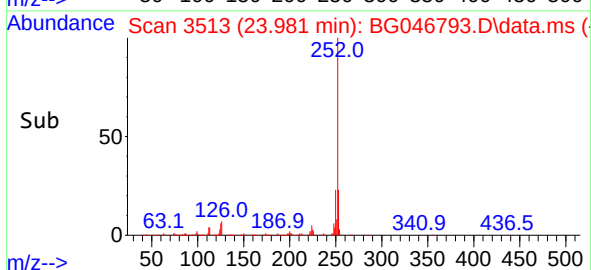
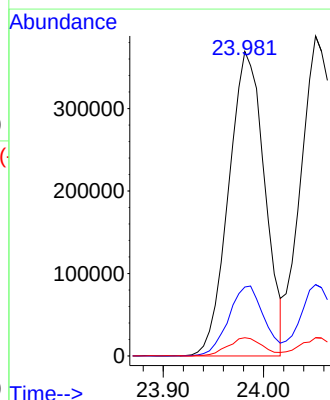
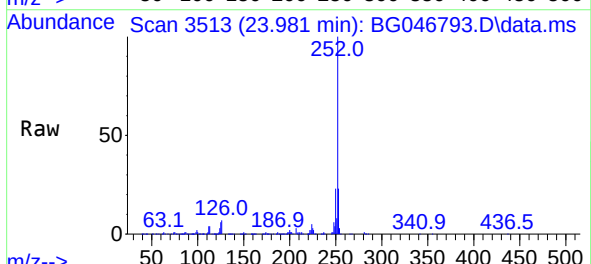
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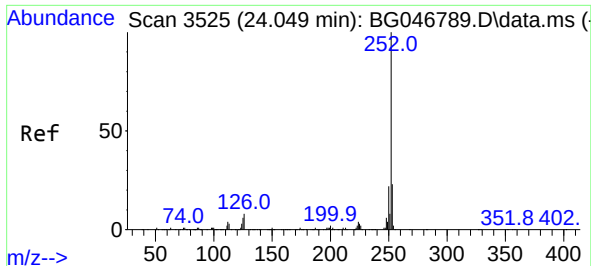
mohammad
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#88
Benzo(b)fluoranthene
Concen: 31.63 ng/ul
RT: 23.981 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

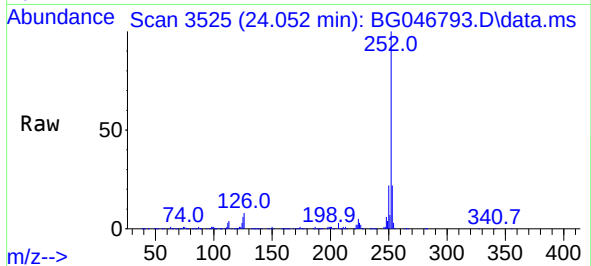
Tgt Ion:252 Resp: 920792
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 6.0 5.0 7.4





#89
Benzo(k)fluoranthene
Concen: 32.45 ng/u1
RT: 24.052 min Scan# 3525
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

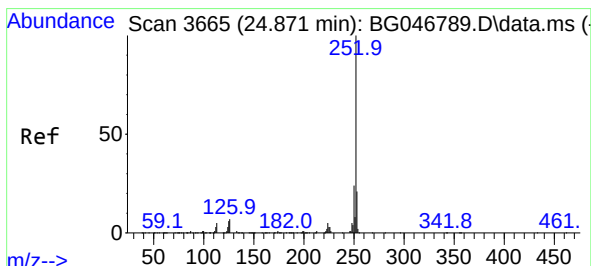
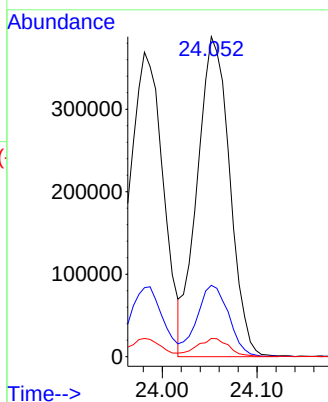
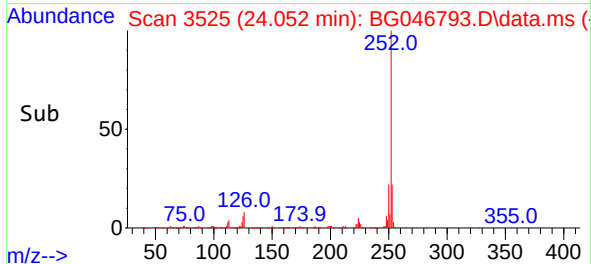
Instrument :
BNA_G
ClientSampled :
SLCS930



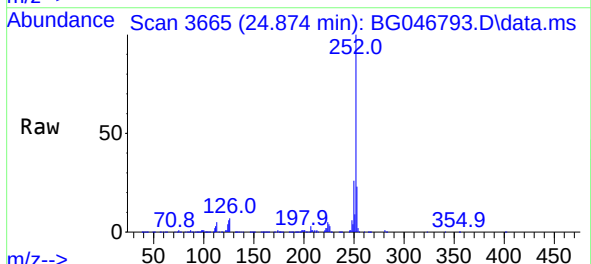
Tgt Ion:252 Resp: 923951
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.7 4.6 6.8

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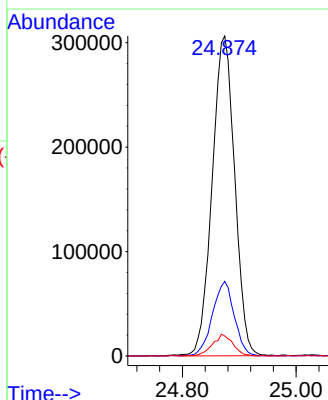
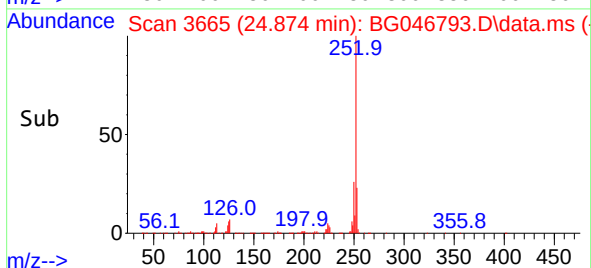
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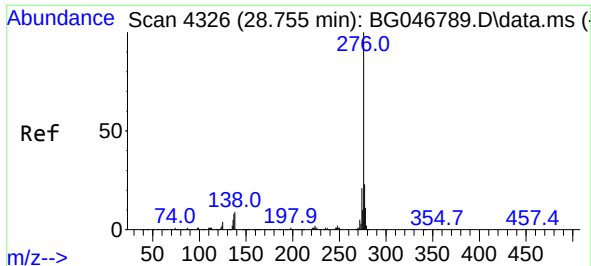


#91
Benzo(a)pyrene
Concen: 31.50 ng/u1
RT: 24.874 min Scan# 3665
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



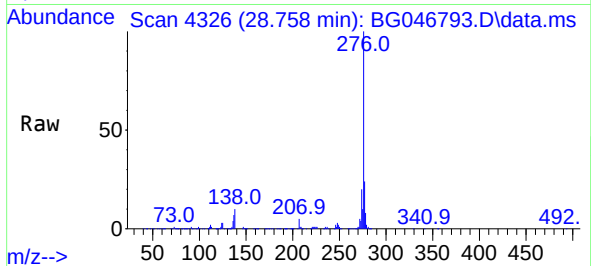
Tgt Ion:252 Resp: 843221
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 6.3 4.8 7.2





#92
Indeno(1,2,3-cd)pyrene
Concen: 32.50 ng/ul
RT: 28.758 min Scan# 4326
Delta R.T. 0.003 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

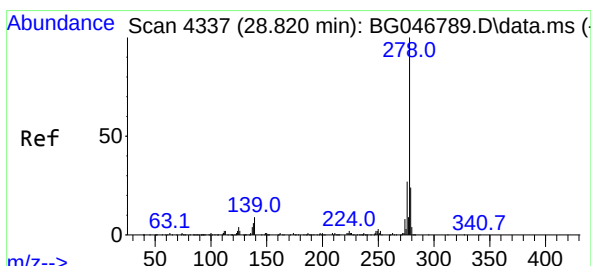
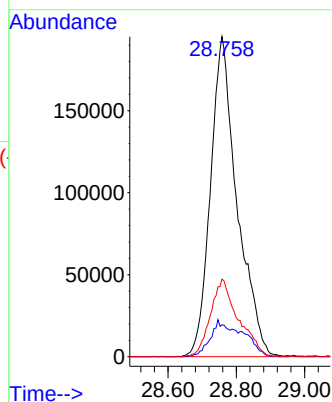
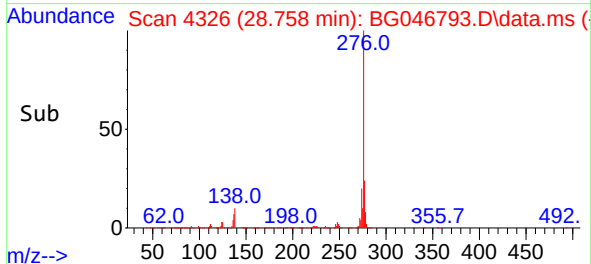
Instrument :
BNA_G
ClientSampled :
SLCS930



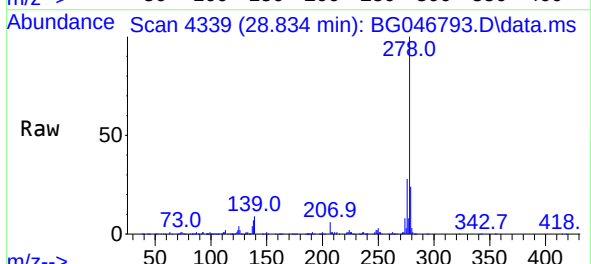
Tgt Ion:276 Resp: 1055907
Ion Ratio Lower Upper
276 100
138 9.9 8.4 12.6
277 24.2 19.4 29.0

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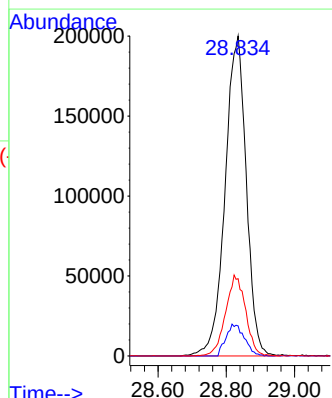
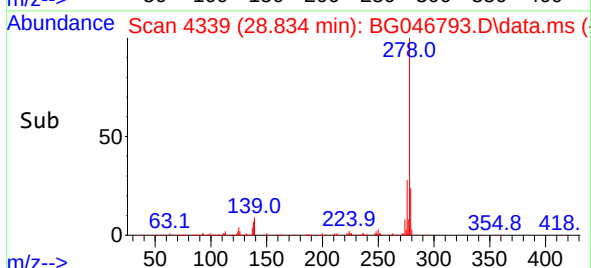
mohammad
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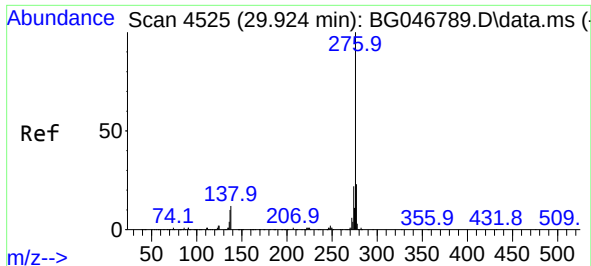


#93
Dibenzo(a,h)anthracene
Concen: 31.98 ng/ul
RT: 28.834 min Scan# 4339
Delta R.T. 0.015 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03



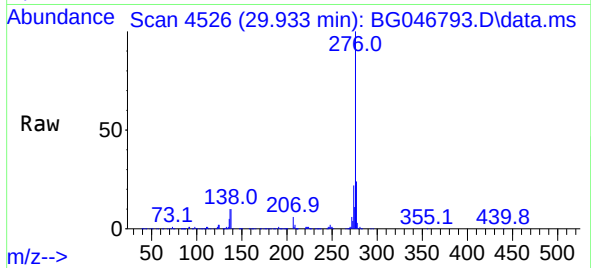
Tgt Ion:278 Resp: 861721
Ion Ratio Lower Upper
278 100
139 9.4 8.0 12.0
279 24.1 19.3 28.9





#94
Benzo(g,h,i)perylene
Concen: 31.64 ng/ul
RT: 29.933 min Scan# 4526
Delta R.T. 0.009 min
Lab File: BG046793.D
Acq: 6 Oct 2020 17:03

Instrument :
BNA_G
ClientSampleId :
SLCS930



Tgt Ion:276 Resp: 857100
Ion Ratio Lower Upper
276 100
138 10.4 9.6 14.4
277 23.9 18.1 27.1

Manual Integrations
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mohammad
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